COLE/ARCHITECTS

ADDENDUM #3

ADDENDUM NUMBER	03				
PROJECT NAME	BAKER COUNTY EMERGENCY OPERATIONS CENTER				
PROJECT NUMBER	23-105				
DATE	7/31/2025			**PROVIDED BY**	COLE/ARCHITECTS

THIS ADDENDUM IS HEREBY MADE PART OF THE CONTRACT DOCUMENTS TO THE EXTENT AS THOUGH IT WAS ORIGINALLY INCLUDED THEREIN. REFER TO THE BID FORM FOR ACKNOWLEDGEMENT OF ADDENDUM.

GENERAL:

1) Added Seals Page to Project Manual, See revised 000110 TOC (page 1) & Section 00710 Seals Page

CIVIL:

2) Q: Site utility water and sewer service specifications are not specified. Baker City specifications are mentioned, but this only applies within the right of way (Per Baker Public Works).
   A. The Baker City Standard Specifications and Drawings can be applicable to work within the right-of-way in addition to on private property. Contractor shall install the water service line per Construction Notes #6; 1" line after the meter can be PE or PVC. Sewer service line shall be installed per Construction Note #26; 4" line shall be PVC SDR-35.

3) The City of Baker Public Works installs utilities within the right of way and stubs them to the property line. Does the contractor cover the cost of right-of-way work?
   A. Contractor cover any/all costs and scheduling related to needed utility work in right-of-way.

ARCHITECTURE:

4) Q: See specification section 05 12 00, Edit 'Blue Notes'
   A. Structural Steel Section reviewed and revised by EOR to reflect project requirements. "Blue" Notes Removed. See revised section 05 12 00 Structural Steel Framing (ADD-03).

5) Q: Spec. section 323300 is out of sequence within spec.
   A. Site Furnishings Section appears to have been duplicated in the Project Manual. Please disregard Section 323300 between Section 104416 Fire Extinguishers (pg 657) and 107313 Awnings (pg 663). Language should be the same but use Section 323300 Site Furnishings between pages 896-900.

6) Q: Where is wall type C8A located?
   A. The primary intent of C8A wall type is for above the profiled exterior EIFS system. See Wall Section 1/A351. Additionally, the wall along Gridline 3 against the existing structure would be a C8A SIM. Condition.

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7) Q: A631 Room Finish Schedule does not show WP.1 @ RR1 & RR2.
   A. Revised Detail 9/A401 to show FRP Height, Revised Keynote 9.13 FRP top trim, Revised A631 RR1 & RR2 Finish Schedule to reflect WP-1 at base of wall. See Revised Sheets: A401 Enlarged Plans & A631 Finish Schedule.

STRUCTURAL:

8) Q: No concrete design strength is given within specification or structural pages
   A. Added concrete design strength to General Structural Notes. See Revised Sheets S1.0 & S1.1 General Structural Notes.

ICT/LOW VOLTAGE:

9) Q: What are the specs for the ladder racking and data equipment rack or racks?
   A. Trip-Lite product line. See revised Sheet T1.01 System Communication – Level 1 Plan.

10) Q: What does the ladder racking design look like for the IDF room 109?
   A. Provide (2) racks, (2) vertical wire managers, (4) horizontal wire managers, Trip-Lite product line. See revised Sheet T1.01 System Communication – Level 1 Plan.

11) Q: Does the data equipment rack or racks need waterfall for cable support from ladder rack to equipment rack?
   A. Yes, this is anticipated. See revised Sheet T1.01 System Communication – Level 1 Plan.

12) Q: How do they want us to route cable out of the hard lid in IDF 109? Conduit to accessible and ladder rack support down the wall to the ladder racking system?
   A. We have deleted the hard lid in the IDF 109 room. See revised A111 Reflected Ceiling Plans

13) Q: Does the data equipment rack need horizontal and vertical cable management?
   A. Yes, provide (2) vertical and (4) horizontal cable management. See revised Sheet T1.01 System Communication – Level 1 Plan.

14) Q: The print shows (1) 4" c and (1) 4" 3 cell c going from the MDF to the IDF. Does the 3-cell need fiber through it? What is the 4" for? Future? If yes to fiber then how many and what type of fiber ends are needed?
   A. Provide conduits as shown. Final fiber and/or cabling requirements are not known at this time. Once scope is fully defined, which is *anticipated during construction,* if there are additional requirements for cable routing, those will be addressed via change order. See revised Sheet T1.01 System Communication – Level 1 Plan.

15) Q: The (2) 2" c for the Main op room floor drops is too small for 80 total cat6 wires. This will need either more conduit or less wire.
   A. Provide (4) 2" C. See revised Sheet T1.01 System Communication – Level 1 Plan.

16) Q: Knowing the current access control and camera systems and having Dan [McQuisten, Owner] ask what he should do to addendum that aspect of the project to be owner provided cameras, licensing, access control boards, readers, and cards. Contractor install pathways and wire. If so, then that would save a fair amount of money in the budget for building materials and other trades. They also have their own IT department that usually installs these things themselves.

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A. Refer to Addendum #2, item #25:

> 25) SCOPE CHANGE: Owner to provide video equipment and key card readers. Contractor to provide infrastructure and installation. Baker County has their own purchasing agreement with Avigilon for exterior and interior cameras and Kantech for key car readers.
> A. See revised Sheet: T1.01 System Communication Level 1 Plan (ADD-02)

17) Q. Do you by chance have a picture of the existing fire alarm system devices? I need to know what devices they are so that I know if we can tie into the system or if it is a proprietary system.

A. Yes. Additionally refer to Addendum #2, item #21:

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18) Q. Our bonding/insurance agent wanted to know if a COI or an actual letter needs to be produced to meet the requirement below.
    A. A COI (Certification of Insurance) is an acceptable response to the 1.8 Insurance Binder requirement.

SUBSTITUTION REQUESTS:

DIVISION	PRODUCT	SUBSTITUTION	APPROVED/REJECTED
Section 230000	Mini-Split Units	Bryant/Carrier	See Comments

ATTACHMENTS:

1. Sheet A111 Reflected Ceiling Plans (ADD-03)
2. Sheet A401 Enlarged Plans (ADD-03)
3. Sheet A631 Finish Schedule (ADD-03)
4. Sheet S1.0 - General Structural Notes (ADD-03)
5. Sheet S1.1 – General Structural Notes (ADD-03)
6. Sheet T1.01 System Communication – Level 1 Plan (ADD-03)
7. Section 00 01 07 Seals Page (ADD-03)
8. Section 00 01 10 Table of Contents (ADD-03)
9. Section 05 12 00 Structural Steel Framing (ADD-03)
10. BEOC_Sub_230000_Mini-Split_Bryant-Carrier (ADD-03)

END OF ADDENDUM #3

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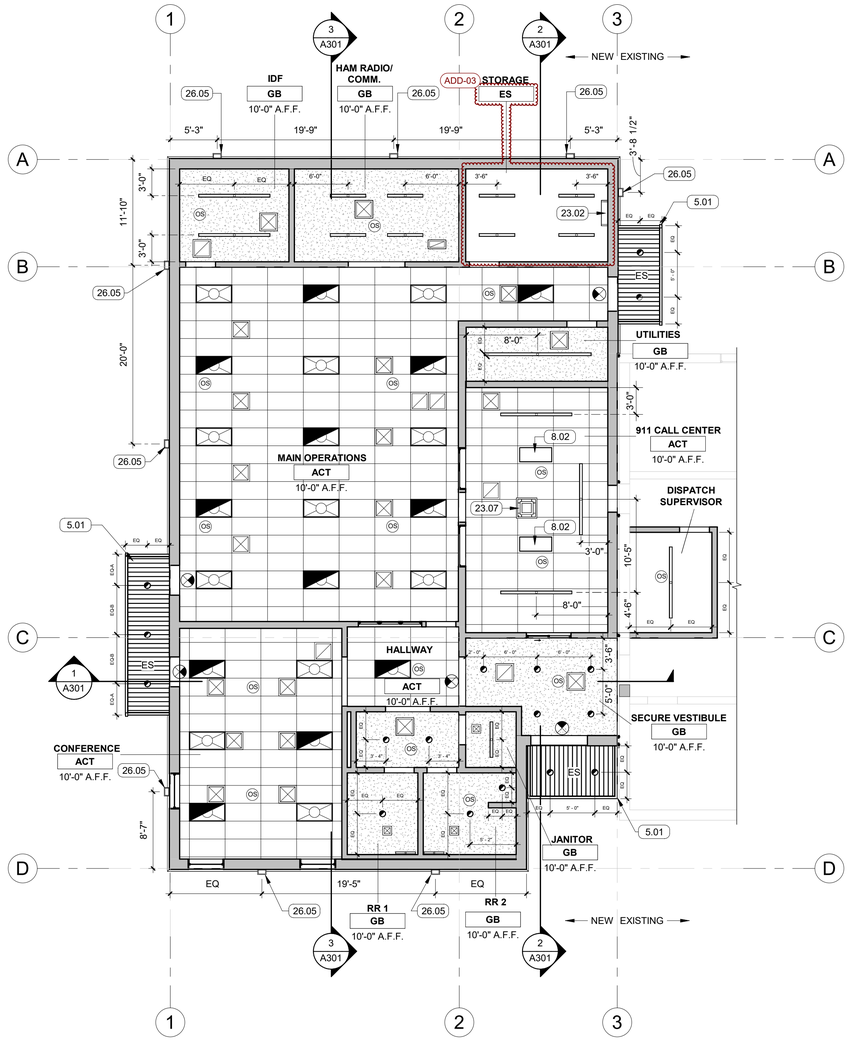

1 REFLECTED CEILING PLAN - LEVEL 01

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

GENERAL NOTES

A. SUBCONTRACTORS FOR EACH TRADE ARE ADVISED THAT INFORMATION PERTINENT TO THEIR WORK MAY OCCUR IN OTHER PORTIONS OF THE CONTRACT DOCUMENTS. ALL NOTES ARE TO BE REVIEWED AND APPLIED TO RELATED BUILDING DOCUMENTS.

B. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS. NOTIFY ARCHITECT IMMEDIATELY IF ANY CONFLICTS OR DISCREPANCIES OCCUR BEFORE AND/OR DURING CONSTRUCTION.

C. CROSS REFERENCES SHOWN ON DRAWINGS DO NOT NECESSARILY INDICATE ALL LIKE CONDITIONS AND DO NOT LIMIT APPLICATION OF ANY DRAWING OR DETAIL. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.

D. REVIEW SPECIFICATIONS FOR INSTRUCTIONS NOT SHOWN ON DRAWINGS. INFORMATION COMMON TO SEVERAL DRAWINGS MAY BE NOTED ON ONLY ONE. CONTRACTOR IS RESPONSIBLE FOR ENTIRE SET OF DOCUMENTS.

E. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL ITEMS NOT SHOWN TO BE PROVIDED AT THE CEILING PLANE AND IN THE SCOPE OF WORK. COORDINATE WITH DRAWINGS AND SPECIFICATIONS FOR PHYSICAL SIZE OF ALL CEILING GRILLS, DIFFUSERS, FIXTURES, LIGHTS AND ALL RELATED ITEMS.

F. DIMENSIONS ARE TO STRUCTURAL GRIDLINE OR FACE OF STUD UNLESS NOTED OTHERWISE.

G. CENTER ALL CEILING GRID, LIGHT FIXTURES AND SPRINKLER HEADS IN THEIR RESPECTIVE CEILING PANEL. IF NOT DIMENSIONED LOCATE EVENLY AND CENTER IN SPACES. IF UNCLEAR, CONSULT ARCHITECT FOR LOCATION.

H. INSTALL ALL SUSPENSION SYSTEMS FOR ACOUSTICAL PANEL CEILINGS PER THE SPECIFICATION AND C.I.S.C.A. "RECOMMENDATIONS FOR DIRECT-HUNG SEISMIC DESIGN CATEGORY C. REFER TO IBC SECTION 808.1.1.1: SUSPENDED ACOUSTICAL CEILINGS. COMPLY WITH ASTM C635 AND C136.

I. INSTALL ALL SUSPENSION SYSTEMS FOR GYPSUM BOARD CEILINGS PER THE SPECIFICATIONS AND ASTM C754.

J. REFER TO ELECTRICAL & MECHANICAL DRAWINGS FOR QUANTITY AND TYPE OF LIGHTS, SPEAKERS, DETECTORS, POWER OUTLETS, DIFFUSERS, RETURN AIR GRILLES, EXHAUST GRILLES, ETC. SCRIBE CEILING MATERIALS CAREFULLY FOR A TIGHT FIT.

K. REFER TO MECHANICAL DRAWINGS FOR QUANTITY AND TYPE OF . SCRIBE CEILING MATERIALS CAREFULLY FOR A TIGHT FIT.

L. COORDINATE ALL ACCESS PANEL LOCATIONS WITH STRUCTURAL FRAMING AND CEILING SYSTEMS TO ACCOMMODATE SIZES INDICATED.

M. ALL GYPSUM BOARD CEILINGS TO BE TEXTURED AND PAINTED UNLESS NOTED OTHERWISE.

N. ALL EXPOSED METAL DECK, CONDUIT, DUCTWORK, JOISTS, AND MISCELLANEOUS ITEMS ARE TO BE PAINTED, UNLESS OTHERWISE NOTED.

O. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS AND MATERIAL LOCATIONS.

P. PROVIDE GYPSUM WALL BOARD AND METAL STUD BULKHEADS WHERE CEILINGS OF DIFFERENT HEIGHTS ABUT. DO NOT BUILD BULKHEADS OF ACOUSTICAL CEILING MATERIALS UNLESS SPECIFICALLY DETAILED.

Q. VERIFY THAT ALL CEILING STRUCTURES, INCLUDING SUPPORT FOR FIXTURES, COMPLY WITH STRUCTURAL LOAD REQUIREMENTS AS SPECIFIED IN THE ARCHITECTURAL AND ENGINEERING DOCUMENTS.

R. CONTRACTOR TO IMPLEMENT DUST CONTROL MEASURES TO MAINTAIN AIR QUALITY FOR ALL USERS OF THE EXISTING FACILITY DURING CONSTRUCTION.

S. CONTRACTOR TO COORDINATE ALL UTILITY WORK AND INTERRUPTIONS TO SERVICES TO THE SITE WITH OWNER WITH AT LEAST ONE WEEK'S NOTICE PRIOR TO INTERRUPTION.

T. CONTRACTOR TO ENSURE ALL EMERGENCY SYSTEMS, SUCH AS ALARMS AND COMMUNICATION DEVICES, ARE EASILY ACCESSIBLE FOR MAINTENANCE AND TESTING, WITH CLEAR MARKINGS INDICATING THEIR LOCATIONS.

RCP SYMBOL LEGEND

ACT - 1 / 1'-0" A.F.F.	CEILING TAG CEILING TYPE HEIGHT
	SUSPENDED 2' X 4' ACOUSTICAL TILE CEILING SYSTEM
	GYPSUM BOARD CEILING
	LINEAR LED FIXTURE, SEE ELECTRICAL
	2X4 LED LIGHT FIXTURE, SEE ELECTRICAL
	2X4 LED LIGHT FIXTURE ON EMERGENCY BACKUP CIRCUIT, SEE ELECTRICAL
	RECESSED CAN LIGHT, SEE ELECTRICAL
	HVAC /DIFFUSER, SEE MECHANICAL
	HVAC RETURN, SEE MECHANICAL
ES	EXPOSED TO STRUCTURE
F	FIRE ALARM PULL STATION
OS	OCCUPANCY SENSOR, SEE ELECTRICAL
	EXTERNAL DOWNWARD LIGHT, SEE ELECTRICAL

KEYNOTE LEGEND

5.01 ARCHITECTURAL METAL AWNING
8.02 SKYLIGHT ABOVE, SHOWN FOR REFERENCE
23.02 HIGH WALL-MOUNTED MINI-SPLIT HEAD UNIT, SEE MECHANICAL
23.07 CEILING MOUNTED HEAT PUMP SYSTEM, SEE MECHANICAL
26.05 EXTERIOR LIGHT, SEE ELECTRICAL

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STAMP

REGISTERED ARCHITECT • STATE OF OREGON •
IAN SCHMIDT
BEND, OREGON
NO. ARI-12496

BIDDERS ARE INSTRUCTED TO CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS AND THE SITE CONDITIONS. INFORMATION REGARDING THE COMPLETE WORK OF SPECIFIC TRADES IS DISPERSED THROUGHOUT THE ENTIRE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED BY REFERENCE TO OTHER THAN COMPLETE DOCUMENT SET.

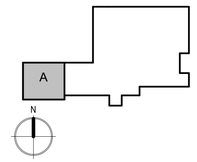
CONSULTANT

PROJECT INFORMATION

BAKER EMERGENCY OPERATIONS CENTER

3410 K STREET BAKER CITY, OR 97814

KEY PLAN



ISSUES

PHASE	BID DOCUMENTS
DATE	ISSUE DATE: 05/16/2025
JOB NUMBER	COLE PROJECT: 23-105-OR

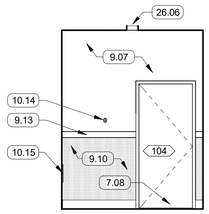
MARK	DATE	DESCRIPTION
ADD-03	07/31/2025	ADDENDUM #3

SHEET NAME

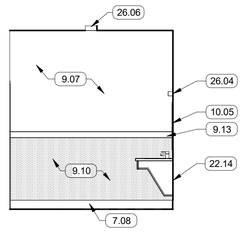
REFLECTED CEILING PLAN

SHEET NUMBER

A111



2 RESTROOM 1 NORTH
SCALE: 1/4" = 1'-0"



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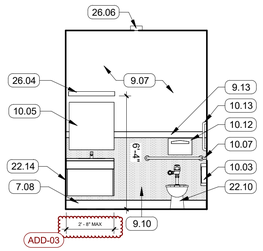
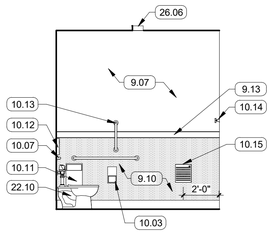
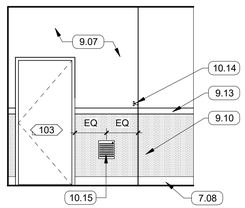


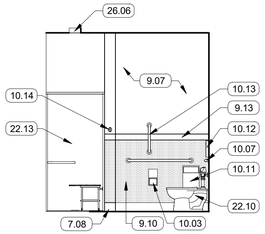
4 RESTROOM 1 SOUTH
SCALE: 1/4" = 1'-0"



5 RESTROOM 1 WEST
SCALE: 1/4" = 1'-0"



6 RESTROOM 2 NORTH
SCALE: 1/4" = 1'-0"



7 RESTROOM 2 EAST
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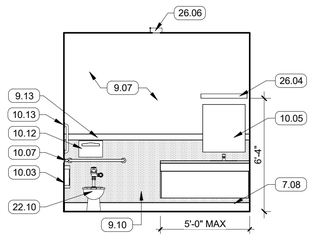

8 RESTROOM 2 SOUTH
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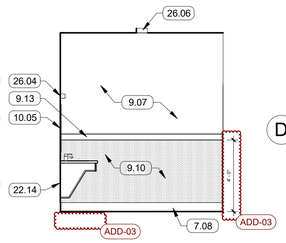

9 RESTROOM 2 WEST
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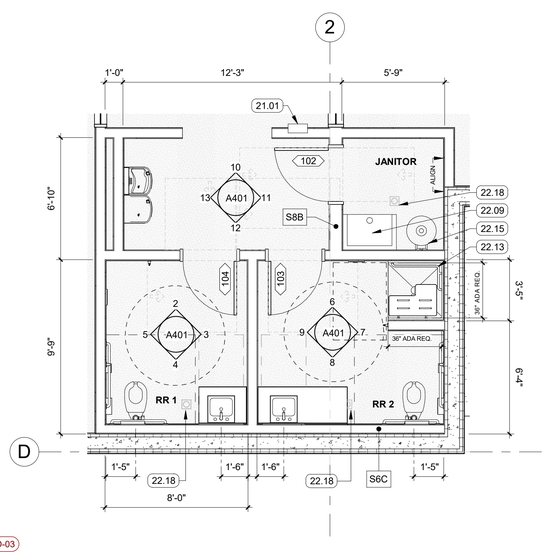


1 ENLARGED RESTROOMS
SCALE: 1/4" = 1'-0"

10 HALLWAY NORTH
SCALE: 1/4" = 1'-0"

11 HALLWAY EAST
SCALE: 1/4" = 1'-0"

12 HALLWAY SOUTH
SCALE: 1/4" = 1'-0"

13 HALLWAY WEST
SCALE: 1/4" = 1'-0"

FIXTURE BASIS OF DESIGN

Keynote	DESCRIPTION	CFCI	OFCI	OFOI	MANUFACTURER	Model	HADWARE FINISH	Plumbing Req.	Electrical Req.	Comments
10.03	Toilet paper Dispenser	x			BOBRICK	B-3888				
10.05	Mirror	x			BOBRICK	B-290 2430	SATIN FINISH SS			
10.07	Grab Bar, 36" long	x			BOBRICK	B-6806 x 36				
10.11	Sanitary Napkin Disposal	x			BOBRICK	B-353				
10.12	Toilet Seat Cover Dispenser	x			BOBRICK	B-301				
10.13	Grab Bar, vertical 18"	x			BOBRICK	B-6806 x 18: 18"				
10.14	Hat & Coat Hook	x			BOBRICK	B-682				
10.15	Wall Heater	x			QMARK	CWH1101DSF			x	
22.01	ADA Water Fountain	x			ELKAY	LZWS-LRPBM28K		x	x	
22.09	Mop Sink	x			FIAT	MSB2424		x		
22.10	Water Closet	x			AMERICAN STANDARD	3641001.020 Madera		x		
22.13	Shower Stall	x			EVERFAB	S3637		x		
22.14	ADA Lavatory Station	x			Bradley	TLX-1	OIL RUBBED FRONZE	x		

GENERAL NOTES

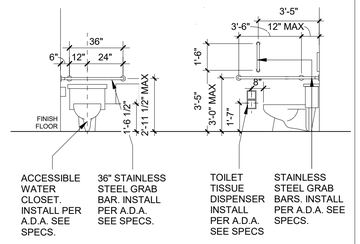
A. REFER ENLARGED TOILET PLANS FOR LEFT OR RIGHT HAND PLACEMENT OF TOILET ACCESSORIES.

B. REFER TO MOUNTING HEIGHTS FOR RELATIVE MOUNTING LOCATIONS.

C. MOUNTING HEIGHTS ARE FROM TOP OF FINISHED FLOOR TO TOP OF UNIT UNLESS NOTED OTHERWISE.

D. ALL EXPOSED DRAIN LINES TO BE INSULATED.

MOUNTING HEIGHTS

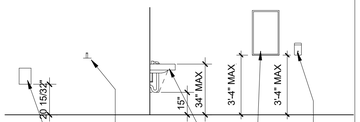


ACCESSIBLE WATER CLOSET. INSTALL PER A.D.A. SEE SPECS.

36" STAINLESS STEEL GRAB BAR. INSTALL PER A.D.A. SEE SPECS.

TOILET TISSUE DISPENSER INSTALL PER A.D.A. SEE SPECS

STAINLESS STEEL GRAB BARS. INSTALL PER A.D.A. SEE SPECS.



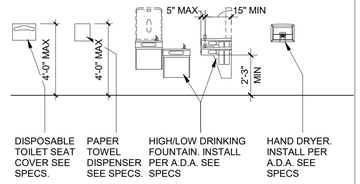
SANITARY NAPKIN DISPOSAL. SEE SPECS.

SENSORED LIQUID SOAP DISPENSER. COUNTERTOP MOUNTED, SEE SPECS.

LAVATORY, INSTALL PER A.D.A. AND INSULATE PIPES. SEE SPECS

MIRROR, SEE SPECS

SOAP DISPENSER SEE SPECS.



DISPOSABLE TOILET SEAT COVER SEE SPECS.

PAPER TOWEL DISPENSER SEE SPECS.

HIGH/LOW DRINKING FOUNTAIN. INSTALL PER A.D.A. SEE SPECS

HAND DRYER. INSTALL PER A.D.A. SEE SPECS

KEYNOTE LEGEND

7.08 BASE TRIM TYP. ALL ELEVATION
9.07 PAINT
9.10 FRP WALL PANELS
ADD-03 9.13 4" TRIM
10.03 TOILET PAPER DISPENSER.
10.05 MIRROR
10.07 GRAB BAR, 36" LONG
10.11 SANITARY NAPKIN DISPOSAL
10.12 TOILET SEAT COVER DISPENSER
10.13 GRAB BAR, VERTICAL 18"
10.14 ROBE HOOK
10.15 WALL MOUNTED HEATING UNIT
21.01 SEMI-RECESSED FIRE EXTINGUISHER CABINET
22.01 HIGH/LOW ADA ACCESSIBLE DRINKING FOUNTAIN AND WATER FILLING STATION.
22.09 MOP SINK
22.10 WATER CLOSET
22.13 SHOWER STALL
22.14 ADA LAVATORY STATION, SEE DETAIL 3/A651 & G002
22.15 WATER HEATER, SEE PLUMBING SHEETS
22.18 FLOOR DRAIN, SEE PLUMBING
26.01 TROFFER LIGHTS, SEE ELECTRICAL
26.04 ELECTRICAL AUTOMATIC TRANSFER SWITCH, SEE ELECTRICAL
26.06 4" DOWNLIGHT

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CONSULTANT

PROJECT INFORMATION

BAKER EMERGENCY OPERATIONS CENTER

3410 K STREET BAKER CITY, OR 97814

ISSUES

PHASE	100% CONSTRUCTION DOCUMENTS
DATE	ISSUE DATE: 05/16/2025
JOB NUMBER	COLE PROJECT: 23-105-OR

MARK	DATE	DESCRIPTION
ADD-03	07/31/2025	ADDENDUM #3

SHEET NAME

ENLARGED PLANS

SHEET NUMBER

A401

FINISH BASIS OF DESIGN

ACCESSORIES
WINDOW COVERINGS (ALL WINDOWS)
MANUFACTURER: MECHOSYSTEMS
SHADE SYSTEM: ELECTROSHADE MOTORIZED SHADE SYSTEM (IQ2 AC)
PATTERN: SOLAR SHADE CLOTH COLLECTIONS
SERIES: EUROTWILL 6450
FABRIC: 6456 SILVER BIRCH

BASE & TRIM
TR-1 TRIM 1
MANUFACTURER:
STYLE:
COLOR:

WB-1 WALL BASE 1
MANUFACTURER: TARKETT
STYLE: JOHNSONITE TRADITIONAL VINYL
COLOR: MOON ROCK 29
PROFILE: 6" 1/8 WITH TOE

CEILING
GB-1 GYPSUM BOARD 1
TO BE PAINTED (PT-1)

ACT-1 ACOUSTICAL CEILING TILE 1
MANUFACTURER: ARMSTRONG WORLD INDUSTRIES
STYLE: LYRA
SIZE: 24" X 48"
COLOR: WHITE
GRID: CONCEALED

FLOORING
CPTT-1 CARPET TILE 1 (GENERAL CARPET)
MANUFACTURER: TARKETT
COLLECTION: SKY ATLAS 11661
COLOR: PIGMENTED SEPIA 65410
SIZE: 36" X 18"
SKU: 609083010
BACKING: FLEX-AIRE CUSHION RS

RF-1 RESILIENT FLOORING 1
MANUFACTURER: TARKETT
STYLE: LVT
COLLECTION: iD LATITUDE STONE & CONCRETE
COLOR: 7549 WEATHERED GLAZE
SIZE: 18" X 18"
SKU: 251176044

RF-2 RESILIENT FLOORING 2
MANUFACTURER: ARMSTRONG
STYLE: STATIC CONTROL FLOORING
COLLECTION: EXCELON SDT
COLOR: MARBLE BEIGE 51950
SIZE: 12" X 12"

RT-1 RUBBER TILE 1
MANUFACTURER: ROPPE
STYLE: RENEW FIESTA
COLOR: R334 LEONADO
PROFILE: TEXTURED AND HAMMERED
SIZE: 24" X 24"

WALLS
PT-1 PAINT 1 (GENERAL PAINT)
MANUFACTURER: SHERWIN WILLIAMS
COLOR: MODERN GRAY
FINISH: MATTE

PT-2 PAINT 2 (ACCENT PAINT)
MANUFACTURER: SHERWIN WILLIAMS
COLOR: MEGA GREIGE
FINISH: MATTE

WP-1 WALL PANEL
MANUFACTURER: ALTRO TEGULIS
COLOR: URBAN MINERAL
FINISH: 4"x10" HORIZONTAL RUNNING BOND

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR		WALLS				CEILIING FINISH	CABINETS & COUNTERTOPS
		FLOOR FINISH	BASE FINISH	FINISH - NORTH	FINISH - EAST	FINISH - SOUTH	FINISH - WEST		
100	SECURE VESTIBULE	RF-1	WB-1	P-2	P-1	STOREFRONT	P-1	GYP-1	
101	HALLWAY	RF-1	WB-1	P-1	P-1	P-1	P-2	ACT-1	
102	JANITOR	RT-1	WB-1	P-1	P-1	P-1	P-1	GYP-1	
103	RR 2	RT-1	WB-1	WP-1 & P-1	WP-1 & P-1	WP-1 & P-1	WP-1 & P-1	GYP-1	
104	RR 1	RT-1	WB-1	WP-1 & P-1	WP-1 & P-1	WP-1 & P-1	WP-1 & P-1	GYP-1	
105	CONFERENCE	CPTT-1	WB-1	P-1	P-1	P-1	P-2	ACT-1	
106	MAIN OPERATIONS	CPTT-1	WB-1	P-1	P-1	P-1	P-2	ACT-1	
107	HAM RADIO/COMM	RF-2	WB-1	P-1	P-1	P-1	P-1	GYP-1	
108	STORAGE	RF-2	WB-1	P-1	P-1	P-1	P-1	GYP-1	
109	IDF	RF-2	WB-1	P-1	P-1	P-1	P-1	GYP-1	
110	UTILITIES	RF-2	WB-1	P-1	P-1	P-1	P-1	GYP-1	
111	911 CALL CENTER	CPTT-1	WB-1	P-1	P-1	P-2	P-1	ACT-1	
112	DISPATCH SUPERVISOR	CPTT-1	WB-1	P-1	P-1	P-1	P-1	GYP-1	

ADD-03

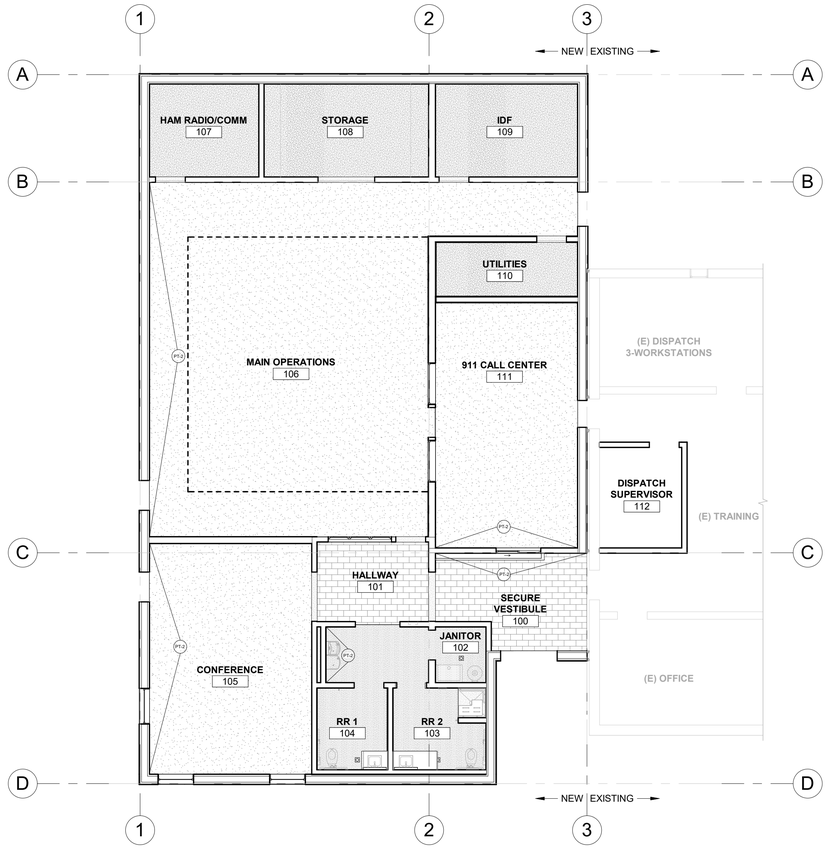
GENERAL NOTES

A. ALL TILE TO BE INSTALLED PER RECOMMENDATIONS ESTABLISHED BY THE TILE COUNCIL OF NORTH AMERICA.
B. CARPET DIRECTION TO BE CONSISTENT. UNO RUN SEAMS PERPENDICULAR TO NATURAL LIGHT AND MINIMIZE SEAMS. SEAL ALL SEAMS. SUBMIT SHOP DRAWINGS INDICATING SEAM DIAGRAM AND A CARPET PATTERN DIRECTION FOR APPROVAL BY ARCHITECT.
C. PREPARE FLOORING SUBSTRATE PER MANUFACTURER RECOMMENDATIONS. INCLUDE WITH BASE BID, AS A SEPARATE LINE ITEM, A STANDARD SCOPE OF WORK FOR SUBFLOOR PREPARATION. AT EXISTING FLOORS INCLUDE A UNIT PRICE PER SQUARE FOOT TO REPAIR AREAS THAT REQUIRE MORE SUBFLOOR PREPARATION THAN IS INCLUDED IN BASE BID. THE REPAIR INCLUDES, BUT NOT LIMITED TO, FLOATING THE FLOOR, INSTALLING PLYWOOD, HARDBOARD, PARTICLEBOARD, FIBER REINFORCED GYPSUM, FIBER CEMENT BOARD, CEMENTITIOUS BACKERBOARD, AND OTHER SUITABLE UNDERLAYMENT MATERIALS.
D. PAINT THE FOLLOWING TO MATCH WALL ON WHICH THEY OCCUR: MISCELLANEOUS METALS, FIRE EXTINGUISHER CABINETS, CABINET UNIT HEATERS, ELECTRICAL PANELS, ACCESS PANELS LOCATED IN GYP BOARD CEILINGS.
E. PROVIDE OWNER'S STOCK IN THE FLOWING QUANTITIES:
- CERAMIC TILE/ PORCELAIN TILE: 1 CARTON OF EACH TYPE AND COLOR OF TILE SPECIFIED
- ACOUSTICAL CEILING TILE: 200 SQUARE FEET OF EACH TYPE OF ACOUSTICAL UNIT SPECIFIED, PLUS 40 LINEAL FEET OF EXPOSED SUSPENSION SYSTEM COMPONENTS.
- RESILIENT & SHEET VINYL FLOORING: 200 SQUARE FEET OF EACH TYPE AND COLOR
- SHEET VINYL: 40 LINEAL FEET OF EACH TYPE AND COLOR OF RESILIENT BASE
- CARPET
- PAINT: 1 GALLON OF EACH COLOR.

F. ALL FLOORING TRANSITIONS OCCUR UNDER THE CENTER OF THE DOOR UNLESS OTHERWISE NOTED. PROVIDE MANUFACTURER RECOMMENDED FLOORING TRANSITIONS AT DISSIMILAR FLOORING MATERIALS.
K. CONTRACTOR TO COORDINATE EQUIPMENT SIZES WITH MILLWORK.

FINISH MATERIAL LEGEND

CPTT-1
RF-1
RT-1
RF-2



1 FINISH FLOOR PLAN
SCALE: 1/8" = 1'-0"

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REGISTERED ARCHITECT
IAN SCHMIDT
BEND, OREGON
NO. ARI-12496
STATE OF OREGON

BIDDERS ARE INSTRUCTED TO CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS AND THE SITE CONDITIONS. INFORMATION REGARDING THE COMPLETE WORK OF SPECIFIC TRADES IS DISPERSED THROUGHOUT THE ENTIRE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED BY REFERENCE TO OTHER THAN COMPLETE DOCUMENT SET.

CONSULTANT

PROJECT INFORMATION

BAKER EMERGENCY OPERATIONS CENTER

3410 K STREET BAKER CITY, OR 97814

ISSUES

PHASE	100% CONSTRUCTION DOCUMENTS
DATE	ISSUE DATE: 05/16/2025
JOB NUMBER	COLE PROJECT: 23-105-OR

MARK	DATE	DESCRIPTION
ADD-03	07/31/2025	ADDENDUM #3

SHEET NAME

FINISH SCHEDULE

SHEET NUMBER

A631

GENERAL NOTES & DESIGN CRITERIA

1. GENERAL.
   - A. THESE GENERAL STRUCTURAL NOTES AND SPECIFICATIONS SUPPLEMENT THE PROJECT WRITTEN TECHNICAL SPECIFICATIONS AND THE PROJECT STRUCTURAL DRAWINGS.
   - B. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION BRACING, TEMPORARY SHORING, AND OTHER SITE SAFETY CONTROLS REQUIRED DURING CONSTRUCTION IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS, TO INSURE THE STABILITY AND SAFETY OF ALL CONSTRUCTION UNTIL IT IS COMPLETED AND SELF-SUPPORTING.
   - C. THE CONTRACTOR IS RESPONSIBLE FOR ALL WATER, BOTH ABOVE AND BELOW GROUND, RUNOFF AND OTHER ENVIRONMENTAL CONTROLS REQUIRED DURING CONSTRUCTION TO INSURE THE SITE IS MAINTAINED IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
   - D. DETAILS ON THESE PLANS ARE INTENDED TO DEPICT THE GENERAL CONSTRUCTION DETAILS AND METHODS FOR THIS STRUCTURE. CONNECTION DETAILS AND CONDITIONS NOT SPECIFICALLY SHOWN THAT ARE SIMILAR IN NATURE TO THOSE THAT ARE SPECIFIED SHALL BE ASSUMED ONE AND THE SAME. IF QUESTIONS REGARDING THE APPLICATION OF DETAILS ARE ENCOUNTERED, NOTIFY THE ARCHITECT/ENGINEER FOR CLARIFICATION OR INSTRUCTION.
   - E. PRIOR TO IMPLEMENTING ANY CHANGES TO THESE PLANS, THE ARCHITECT/ENGINEER SHALL BE NOTIFIED IN WRITING FOR THEIR WRITTEN APPROVAL. CHANGES IMPLEMENTED WITHOUT THE ARCHITECT/ENGINEERS WRITTEN APPROVAL SHALL RELIEVE THE ARCHITECT/ENGINEER OF ANY CLAIM OR LIABILITY RESULTING FROM THAT PORTION OF THE STRUCTURE CHANGED OR AFFECTED BY THE CHANGE.
2. CONTRACTOR RESPONSIBILITY FOR COORDINATION
   - A. IT IS THE CONTRACTORS PRIME RESPONSIBILITY TO COORDINATE THE WORK SHOWN ON ALL OF THE PROJECT DRAWINGS, GENERAL, SPECIAL AND TECHNICAL SPECIFICATIONS.
   - B. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING CONSTRUCTION MATERIAL TYPES DIMENSIONS, ELEVATIONS AND CONDITIONS.
   - C. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE DIMENSIONS AMONG ALL DRAWINGS AND IN THE FIELD PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION, ANY DISCREPANCY SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT/ENGINEER.
   - D. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CAREFULLY STUDY AND COORDINATE THE CONSTRUCTION REQUIREMENTS SHOWN ON BOTH THE ARCHITECTURAL AND THE STRUCTURAL DRAWINGS. WHEN CONFLICTS OR DISCREPANCIES ARE FOUND BETWEEN THESE PLAN SETS AND/OR WITHIN THESE DRAWINGS, THE CONTRACTOR SHALL REPORT THEM IMMEDIATELY TO THE PROJECT ARCHITECT/ENGINEER FOR DIRECTION AND/OR CLARIFICATION.
   - E. ANY CONSTRUCTION WORK DONE BY THE CONTRACTOR BEFORE OBTAINING SUCH CLARIFICATION FROM THE PROJECT ARCHITECT/ENGINEER SHALL BE AT THE CONTRACTOR'S OWN RISK AND COST. FURTHERMORE; ANY WORK REQUIRED TO CORRECT, REPLACE AND/OR RESTORE THE WORK AS DIRECTED BY THE ARCHITECT/ENGINEER SHALL BE AT THE CONTRACTOR'S OWN RISK AND COST.
3. CODES.
   - A. INTERNATIONAL BUILDING CODE, IBC CURRENT EDITION.
   - B. OREGON STRUCTURAL SPECIALTY CODE - OSSC CURRENT EDITION.
   - C. MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7; CURRENT EDITION.
   - D. AMERICAN CONCRETE INSTITUTE, ACI 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE; CURRENT EDITION.
   - E. AMERICAN CONCRETE INSTITUTE, ACI 530, BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES; CURRENT EDITION.
   - F. AMERICAN CONCRETE INSTITUTE, ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE.
   - G. AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AISC 13TH EDITION, STEEL CONSTRUCTION MANUAL.
   - H. AMERICAN WELDING SOCIETY, AWS D1.1 CURRENT EDITION, STRUCTURAL WELDING CODE.
   - I. NATIONAL DESIGN SPECIFICATIONS, NDS FOR WOOD CONSTRUCTION; CURRENT EDITION.
4. DESIGN CRITERIA.
   - A. OCCUPANCY OR USE; IBC/OSSC TABLE 1607.1:
   - B. LIVE LOADS:
     - A. MINIMUM ROOF SNOW LOAD: 25 PSF (SNOW)
     - B. FLOOR LIVE LOAD: 40 PSF
     - C. GROUND SNOW LOAD, PG: 11 PSF
     - D. UNBALANCED SNOW PER ASCE-7, CHAPTER 7
   - C. DEAD LOADS
     - A. FLOOR DEAD LOAD: 40 PSF
     - B. ROOF DEAD LOAD: 21 PSF
   - D. WIND:
     - A. BASIC WIND SPEED: 120 MPH (LRFD)
     - B. SITE EXPOSURE: C
   - E. SEISMIC:
     - A. EARTHQUAKE SPECTRAL RESPONSE ACCELERATION:
     - B. IMPORTANCE FACTOR, IE: 1.0
     - I. SHORT PERIOD, SS: 87.0%
     - II. 1-SECOND, S1: 39.1%
     - C. SOIL CLASS: D
     - D. SEISMIC USE GROUP: II
     - E. SEISMIC DESIGN CATEGORY: D
   - F. MECHANICAL:
     - A. REFER TO FRAMING PLANS AND MECHANICAL EQUIPMENT LOADS.

SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS PER IBC CHAPTER 17 ARE REQUIRED FOR THE FOLLOWING ITEMS LISTED BELOW.
2. SPECIAL INSPECTION WILL BE PROVIDED BY A CERTIFIED OR QUALIFIED INSPECTOR AND ASSOCIATED TESTING WILL BE PERFORMED BY AN APPROVED/ACCREDITED AGENCY. INSPECTORS SHALL BE INTERNATIONAL CODE COUNCIL (ICC) CERTIFIED OR OTHERWISE APPROVED BY THE BUILDING OFFICIAL.
3. THE SPECIAL INSPECTOR SHALL OBSERVE THE INDICATED WORK FOR COMPLIANCE WITH THE APPROVED CONTRACT DOCUMENTS AND SUBMIT RECORDS OF INSPECTION. ALL DISCREPANCIES WILL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION.
4. SPECIAL INSPECTION AND ASSOCIATED TESTING REPORTS WILL BE SUBMITTED TO THE ARCHITECT, ENGINEER, CONTRACTOR, BUILDING OFFICIAL, AND OWNER WITHIN ONE WEEK OF INSPECTION OR WITHIN ONE WEEK OF TEST COMPLETION.
5. AT THE CONCLUSION OF CONSTRUCTION, A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF PREVIOUSLY NOTED DISCREPANCIES WILL BE SUBMITTED TO THE PARTIES IDENTIFIED IN ITEM "4" ABOVE.
6. FOUNDATION AND SITE PREPARATION, INCLUDING STRUCTURAL FILLS, SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION FOR THIS PROJECT.

SPECIAL INSPECTIONS

ITEM	FREQUENCY		SPECIAL NOTES
	CONTINUOUS	PERIODIC	
CONCRETE			
INSPECTION OF POST-INSTALLED ANCHORS	X		
REINFORCEMENT PLACEMENT		X	
PLACEMENT OF CAST-IN-PLACE ANCHORS		X	
CONCRETE PLACEMENT	X		
VERIFICATION OF USE OF MIX DESIGN		X	
TESTING/SAMPLING FOR CONCRETE STRENGTH, SLUMP, AIR CONTENT, AND TEMPERATURE	X		
WOOD			
FABRICATION OF PRE-FABRICATED STRUCTURAL ELEMENTS		X	
MATERIAL VERIFICATION OF STRUCTURAL PANELS AND NAILS FOR DIAPHRAGMS AND SHEAR WALLS w/EDGE NAILING.		X	
CONNECTIONS FOR DIAPHRAGM CHORDS, COLLECTORS, DRAG TRUSSES BRACING, AND SHEAR WALL HOLD-DOWNS.		X	
STEEL			
FABRICATION OF STRUCTURAL ELEMENTS		X	
MATERIAL VERIFICATION OF ANCHOR BOLTS		X	
SINGLE PASS FILLET WELDS > 5/16"	X		
WELDING IN THE SHOP OF AN APPROVED FABRICATOR SHALL NOT REQUIRE SPECIAL INSPECTION.			

*** ALL SPECIAL INSPECTIONS SHALL BE PERFORMED BY ICBO CERTIFIED INSPECTORS.

FOUNDATIONS

1. ALL FOOTINGS TO BE PLACED ON FIRM UNDISTURBED, INORGANIC MATERIAL. PROOF ROLL SUB-GRADE PRIOR TO PLACING CONCRETE WHERE THE MATERIAL HAS BEEN DISTURBED BY THE EXCAVATING EQUIPMENT.
2. ALL PIERS AND FOOTINGS OUTSIDE OR AT THE PERIMETER OF THE STRUCTURE, OR IN OTHER UNHEATED AREAS SHALL BE SET TO A DEPTH OF AT LEAST 12-IN. BELOW FINISH GRADE, UNLESS OTHERWISE NOTED ON THE PLANS.
3. ALL FOUNDATIONS AND RETAINING WALLS BELOW FINISH GRADE SHALL RECEIVE AN APPROVED DAMP-PROOF COATING. FOUNDATION WALLS BELOW MAXIMUM ANTICIPATED GROUND WATER LEVELS SHALL RECEIVE AN APPROVED WATER-PROOF COATING; EXTEND WATER-PROOFING TO A MINIMUM OF 1'-0" ABOVE THE MAXIMUM ANTICIPATED GROUND WATER LEVEL.
4. ALLOWABLE BEARING PRESSURE FOR ALL FOOTINGS Q_A = 3,000 PSF
5. LOCAL AREAS OF SOFT AND/OR UNACCEPTABLE MATERIAL ENCOUNTERED AT BOTTOM OF FOOTING ELEVATIONS INDICATED ON THE PLANS MUST BE OVER-EXCAVATED AND BROUGHT UP TO DESIGN GRADE WITH COMPACTED STRUCTURAL FILL OR LEAN CONCRETE FILL.
6. ALL STRUCTURAL FILL AND/OR BACKFILL SHALL BE GRANULAR, FREE DRAINING, MATERIAL; UNIFIED SOILS CLASSIFICATION GW, GP, GM OR SW; MAXIMUM AGGREGATE SIZE OF 3-IN. AND NO MORE THAN 7% PASSING A NUMBER 200 SIEVE. MATERIAL SHALL BE PLACED IN LIFTS NO GREATER THAN 6-IN. IN DEPTH AND COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED PER ASTM D1557.
7. DESIGN FOR THE MITIGATION OF SUBSURFACE WATER FLOW AND/OR PERCHED WATER TABLES SHALL BE THE RESPONSIBILITY OF OTHERS.
8. THE ENGINEER SHALL BE NOTIFIED IN WRITING IF ANY GROUND WATER, CLAY TYPE SOILS, DEBRIS OR UNCONSOLIDATED MATERIALS ARE ENCOUNTERED DURING EXCAVATIONS FOR FOUNDATIONS.
9. GEOTECHNICAL REPORT - K&A ENGINEERING

SUBMITTALS & DEFERRED SUBMITTALS

1. SUBMITTALS.
   - A. SUBMIT ELECTRONICALLY PRODUCT AND MATERIAL DESIGN INFORMATION TO THE ARCHITECT/ENGINEER FOR REVIEW FOR THE FOLLOWING ITEMS:
     - A. CONCRETE MIX DESIGNS AND ADMIXTURES.
     - B. EPOXY ANCHORS.

2. DEFERRED SUBMITTALS.
   - A. THE FOLLOWING ITEMS TO BE DESIGNED BY OTHERS ARE CONSIDERED "DEFERRED SUBMITTALS". UPON REVIEW BY THE ENGINEER OF ALL DESIGN DOCUMENTATION AND SHOP DRAWINGS, CONTRACTOR MUST TRANSMIT TO THE LOCAL BUILDING OFFICIAL, FOR THEIR REVIEW AND APPROVAL, PRIOR TO FABRICATION AND ERECTION. DEFERRED SUBMITTALS SHALL BE ACCOMPANIED BY DESIGN DRAWINGS, SHOP DRAWINGS AND STRUCTURAL CALCULATIONS, STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER CURRENTLY REGISTERED IN THE STATE OF OREGON.
     - A. OPEN WEB STEEL JOIST AND JOIST GIRDER FRAMING SYSTEMS
     - B. PREFABRICATED METAL STAIR SYSTEMS
     - C. METAL HANDRAILS

SHOP DRAWINGS

1. SUBMIT REQUIRED SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO FABRICATION OF THE FOLLOWING ITEMS:
   - A. REINFORCING STEEL FOR ALL CONCRETE.
   - B. STRUCTURAL STEEL

CONCRETE.

ADD-03

1. PROJECT CONCRETE MIX TYPES:
   - A. SLABS & FOOTINGS: F'C = 4,000 PSI, ABSOLUTE WATER-CEMENT RATIO BY WEIGHT = 0.45, AIR CONTENT = 6% (+/- 1.5%).
2. CONCRETE MIX COMPONENTS.
   - A. A WATER-REDUCING ADMIXTURE CONFORMING TO ASTM C494, USED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S INSTRUCTIONS, SHALL BE INCORPORATED IN ALL CONCRETE MIX DESIGNS.
   - B. HIGHER WATER-CEMENT RATIOS THAN SHOWN ABOVE MAY BE USED IF SUBSTANTIATED IN ACCORDANCE WITH ACI 318-89, CHAPTER 5.
   - C. FLY-ASH CONFORMING TO ASTM C618 TYPE F OR C, MAY REPLACE UP TO 20% OF THE CEMENT CONTENT, PROVIDED THAT THE MIX STRENGTH IS SUBSTANTIATED BY TEST DATA.
   - D. CEMENT: ASTM C150 TYPE I OR II.
   - E. WATER: CLEAN & POTABLE.
   - F. AIR ENTRAINING AGENT: ASTM C260. EXCEPT WHERE NOTED NON-AIR ENTRAINED.
   - G. AGGREGATE: 0.75-INCH MAXIMUM AGGREGATE PER ASTM C33. UNLESS NOTED OTHERWISE.
   - H. MIX PROPORTIONING: ACI 211.1 AND 350R.
3. CONCRETE ACCESSORIES:
   - A. REINFORCING STEEL: REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60; #3 BARS MAY BE GRADE 40.
   - B. WELDED WIRE FABRIC: ASTM A185 OR A497.
   - C. JOINTING MATERIALS: IN ACCORDANCE WITH ACI 350 SECTION 4.5.2. ALL JOINTING MATERIALS INCLUDING WATER-STOPS, EXPANSION JOINTS AND SEALANTS, SHALL BE RESISTANT TO CHEMICAL ATTACK FOR THE DESIGN LIFE OF THE FACILITY. SEALANTS SHALL CONFORM TO ASTM C 920 AND FEDERAL SPECIFICATION TT-S-00277E AND PVC WATER-STOP SHALL CONFORM TO ASTM D 570, ASTM D 746, STM D 1149 AND CRD-C572.
4. NON-SHRINK GROUT: ALL NON-SHRINK GROUT NOTED ON THE PLANS SHALL BE NON-SHRINK, NON-METALLIC GROUT WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 7,000 PSI.
5. CONCRETE QUALITY AND DETAILS.
   - A. GENERAL. CONCRETE SHALL BE PROPORTIONED TO PROVIDE AN AVERAGE COMPRESSIVE STRENGTH, FC, AS PRESCRIBED IN ACI 318/350 SECTION 5.3.2 AND SHALL SATISFY THE DURABILITY CRITERIA OF ACI 318/350 CHAPTER 4.
   - B. CONCRETE PROPORTIONS.
     - A. CONCRETE MIX PROPORTIONING SHALL BE IN ACCORDANCE WITH ACI 211.1; STANDARD PRACTICE FOR SELECTING PROPORTIONS FOR NORMAL, HEAVYWEIGHT, AND MASS CONCRETE.
     - B. CONCRETE MIX PROPORTIONING FOR LIGHTWEIGHT CONCRETE SHALL BE IN ACCORDANCE WITH ACI 211.2; STANDARD PRACTICE FOR SELECTING PROPORTIONS FOR LIGHTWEIGHT CONCRETE.
     - C. CONCRETE MIX VERIFICATION: CONCRETE MIX DESIGNS SHALL BE VERIFIED BY STANDARD 28-DAY CYLINDER TESTS PER ASTM C39.
     - D. EVALUATION AND ACCEPTANCE OF CONCRETE. CONCRETE SHALL BE TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 318/350 SECTION 5.6.
     - E. MIXING & PLACING CONCRETE. CONCRETE SHALL BE PREPARED, MIXED, PLACED AND CONSOLIDATED IN ACCORDANCE WITH ACI 318/350 SECTIONS 5.7 THROUGH 5.10 AND AS FOLLOWS:
       - A. ACI 304; GUIDE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE.
       - B. ACI 309; GUIDE FOR CONSOLIDATION OF CONCRETE.
     - F. MINIMUM TIME BETWEEN ADJACENT PLACEMENTS:
       - A. FOOTINGS & WALLS:
         - I. CONSTRUCTION JOINTS: FIVE (5) DAYS WET CURE, OR SEVEN (7) DAYS DRY CURE.
         - II. CONTROL JOINTS: TWO (2) DAYS.
         - III. EXPANSION JOINTS: ONE (1) DAY.
       - B. FLOOR SLABS:
         - I. CONSTRUCTION JOINTS: SEVEN (7) DAYS WET CURE, OR TEN (10) DAYS DRY CURE.
         - II. CONTROL JOINTS: FOUR (4) DAYS.
         - III. EXPANSION JOINTS: ONE (1) DAY.
   - G. CONCRETE CURING. CONCRETE SHALL BE MAINTAINED ABOVE 50-DEGREES F AND IN A MOIST CONDITION FOR AT LEAST 7 DAYS AFTER PLACEMENT, EXCEPT WHEN CURED IN ACCORDANCE WITH ACI 318 SECTION 5.11.3.
     - A. CURING OF CONCRETE SHALL BE PER THE RECOMMENDATIONS GIVEN IN ACI 308; GUIDE TO CURING CONCRETE.
   - H. COLD WEATHER REQUIREMENTS. ADEQUATE EQUIPMENT SHALL BE PROVIDED FOR HEATING CONCRETE MATERIALS AND PROTECTING CONCRETE DURING FREEZING OR NEAR-FREEZING WEATHER. THE RECOMMENDED PROCEDURES LISTED IN ACI 306; COLD WEATHER CONCRETING SHALL BE FOLLOWED.
     - A. COLD WEATHER IS DEFINED AS A PERIOD WHEN, FOR MORE THAN 3 CONSECUTIVE DAYS, THE FOLLOWING CONDITIONS EXIST:
       - I. THE AVERAGE DAILY AIR TEMPERATURE IS LESS THAN 40-DEGREES F AND
       - II. THE AIR TEMPERATURE IS NOT GREATER THAN 50-DEGREES F FOR MORE THAN ONE-HALF OF ANY 24-HOUR PERIOD.
   - I. HOT WEATHER REQUIREMENTS. DURING HOT WEATHER, PROPER ATTENTION SHALL BE GIVEN TO INGREDIENTS, PRODUCTION METHODS, HANDLING, PLACING, PROTECTION, AND CURING TO PREVENT EXCESSIVE CONCRETE TEMPERATURES OR WATER EVAPORATION THAT COULD IMPAIR REQUIRED STRENGTH OR SERVICEABILITY OF THE MEMBER OR STRUCTURE. THE RECOMMENDED PROCEDURES LISTED IN ACI 305; HOT WEATHER CONCRETING SHALL BE FOLLOWED.
   - A. HOT WEATHER IS ANY COMBINATION OF THE FOLLOWING CONDITIONS THAT TENDS TO IMPAIR THE QUALITY OF FRESHLY MIXED OR HARDENED CONCRETE BY ACCELERATING THE RATE OF MOISTURE LOSS AND RATE OF CEMENT HYDRATION, OR OTHERWISE CAUSING DETRIMENTAL RESULTS:
     - I. HIGH AMBIENT TEMPERATURE.
     - II. HIGH CONCRETE TEMPERATURE.
     - III. LOW RELATIVE HUMIDITY.
     - IV. WIND SPEED.
     - V. SOLAR RADIATION.

SHEET INDEX	
S1.0	GENERAL STRUCTURAL NOTES
S1.1	GENERAL STRUCTURAL NOTES
S2.0	FOUNDATION PLAN
S2.1	ROOF FRAMING PLAN
S3.0	TYPICAL CONCRETE DETAILS
S3.1	FOUNDATION DETAILS
S5.0	STEEL FRAMING DETAILS

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STAMP

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CONSULTANT

PROJECT INFORMATION

BAKER EMERGENCY OPERATIONS CENTER

3410 K ST. BAKER CITY, OR 97814

ISSUES

PHASE	BID DOCUMENTS
DATE	ISSUE DATE: 05/16/2025
JOB NUMBER	COLE PROJECT: 23-105-OR

MARK	DATE	DESCRIPTION
ADD-03	07/31/2025	ADDENDUM #3

SHEET NAME

GENERAL STRUCTURAL NOTES

SHEET NUMBER

S1.0

CONCRETE, CONT.

ADD-03

6. FORMWORK.
   A. FORMS SHALL RESULT IN A FINAL STRUCTURE THAT CONFORMS TO SHAPES, LINES, AND DIMENSIONS OF THE MEMBERS AS REQUIRED BY THE DESIGN DRAWINGS AND SPECIFICATIONS.
      A. DESIGN OF FORMWORK SHALL BE IN ACCORDANCE WITH ACI 318/350 SECTION 6.1.
      B. FORMWORK SHALL BE IN ACCORDANCE WITH ACI 347; GUIDE TO FORMWORK FOR CONCRETE.
   B. TOLERANCES FOR FINISHED CONCRETE SURFACES SHALL MEET THE FOLLOWING REQUIREMENTS, CLASS OF SURFACE IS PER TABLE 3.4 OF ACI 347:
      A. FOOTINGS: CLASS C
      B. FOUNDATION WALLS: CLASS B
      C. ABOVE GRADE CONCRETE NOT VISIBLE TO SIGHT: CLASS B
      D. ABOVE-GRADE CONCRETE VISIBLE TO SIGHT: CLASS A
      C. REMOVAL OF FORMS.
         A. CONCRETE FORMS SHALL NOT BE REMOVED UNTIL THE RETAINED CONCRETE HAS REACHED THE FOLLOWING MINIMUM PERCENTAGE OF THE REQUIRED 28 DAY COMPRESSIVE STRENGTH:
            A.A. FOOTINGS AND BASE SLABS ON GRADE: 50% OF F'C.
            A.B. FOUNDATION WALLS AND COLUMNS: 67% OF F'C.
         B. WHERE CONCRETE CYLINDER TESTS ARE NOT AVAILABLE FOR STRENGTH VERIFICATION THE FOLLOWING GUIDE MAY BE USED WHEN PERMITTED BY THE PROJECT ENGINEER:
            B.A. FOOTINGS AND BASE SLABS ON GRADE: 12 HOURS.
            B.B. FOUNDATION WALLS AND COLUMNS: 24 HOURS.
      D. EMBEDMENTS IN CONCRETE.
         I. CONDUITS, PIPES, AND SLEEVES OF ANY MATERIAL NOT HARMFUL TO CONCRETE AND WITHIN LIMITATIONS OF ACI 318/350 SECTION 6.3 SHALL BE PERMITTED TO BE EMBEDDED IN CONCRETE WITH APPROVAL OF THE PROJECT ENGINEER, PROVIDED THEY ARE NOT CONSIDERED TO REPLACE STRUCTURALLY THE DISPLACED CONCRETE, EXCEPT AS PROVIDED IN SECTION 6.3.6.
      E. CONDUITS AND PIPES OF ALUMINUM SHALL NOT BE EMBEDDED IN STRUCTURAL CONCRETE UNLESS EFFECTIVELY COATED OR COVERED TO PREVENT ALUMINUM-CONCRETE REACTION OR ELECTROLYTIC ACTION BETWEEN ALUMINUM AND STEEL.
      F. CONSTRUCTION JOINTS.
         A. CONSTRUCTION JOINTS SHALL ONLY BE PLACED WHERE INDICATED ON THE PROJECT DRAWINGS OR AS APPROVED BY THE PROJECT ENGINEER.
         B. CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 318/350 SECTION 6.4
7. DETAILS OF REINFORCEMENT.
   A. PLACEMENT OF ALL REINFORCING STEEL WITHIN CONCRETE STRUCTURES SHALL BE IN CONFORMANCE WITH ACI 318/350 CHAPTER 7.
   B. REINFORCING STEEL HOOKS, BENDS, TIES, SPLICES AND OTHER REINFORCEMENT DETAILS SHALL BE IN ACCORDANCE WITH ACI 315; DETAILS AND DETAILING OF CONCRETE REINFORCEMENT.
   C. SPACING LIMITS FOR REINFORCEMENT SHALL BE IN CONFORMANCE WITH ACI 318/350 SECTION 7.6.
   D. CONCRETE PROTECTION FOR REINFORCEMENT. UNLESS NOTED ELSEWHERE ON THE DRAWINGS, ALL REINFORCING STEEL SHALL HAVE THE FOLLOWING CONCRETE COVER:
      A. FOR NON-LIQUID CONTAINING CONCRETE STRUCTURES; PER ACI 318 SECTION 7.7:
      B. CONCRETE CAST AGAINST EARTH: 3.00 INCH
      C. CONCRETE EXPOSED TO EARTH OR WEATHER;
         C.A. NO. 5 OR SMALLER BARS: 1.50-INCH
         C.B. NO. 6 OR LARGER BARS: 2.00-INCH
      D.CONCRETE NOT EXPOSED TO EARTH OR WEATHER;
         D.A. NO. 11 OR SMALLER BARS: 0.75-INCH
         D.B. NO. 14 OR LARGER BARS: 1.50-INCH
      E.BEAMS AND COLUMNS;
         E.A. PRIMARY REINFORCEMENT, TIES, STIRRUPS OR SPIRALS: 1.50-INCH
   E. CONCRETE BLOCKS OR PLASTIC-COATED BAR CHAIRS SHALL BE PROVIDED FOR SUPPORT OF ALL SLAB REINFORCING STEEL, SUFFICIENT IN NUMBER TO PREVENT SETTLEMENT OR SAGGING, BUT IN NO CASE SHALL SUCH SUPPORT BE CONTINUOUS. METAL CLIPS OR SUPPORTS SHALL NOT BE PLACED IN CONTACT WITH THE FORMS OR THE SUB-GRADE.
   F. DOWELS AND ANCHOR BOLTS SHALL BE WIRED OR OTHERWISE HELD IN CORRECT POSITION PRIOR TO PLACING CONCRETE. CARE SHALL BE TAKEN TO INSURE THAT DOWELS AND ANCHOR BOLTS REMAIN PLUM AFTER CONCRETE IS POURED AND VIBRATED. IN NO CASE SHALL DOWELS OR ANCHOR BOLTS BE STABBED INTO FRESHLY POURED CONCRETE!
   G. PROVIDE DOWELS IN FOOTINGS AND AT CONSTRUCTION JOINTS TO MATCH VERTICAL REINFORCING BAR SIZE AND SPACING, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
   H. WHERE DRILLED IN ANCHORS ARE TO BE POST-INSTALLED INTO CONCRETE SURFACES TAKE CARE TO LOCATE REINFORCING STEEL SO THAT IT WILL NOT INTERFERE WITH THE DRILLING OPERATIONS. MOVE BARS PLUS OR MINUS 1 TO 2 INCHES IN ORDER TO AVOID DRILLING CONFLICTS.
   I. ALL BAR BENDS, HOOKS, SPLICES AND OTHER REINFORCING STEEL DETAILS SHALL CONFORM TO THE REQUIREMENTS OF ACI 315.
   J. UNLESS OTHERWISE NOTED ON THE PLANS ALL BARS SHALL BE SPLICED WITH A MINIMUM CLASS A LAP SPLICE; LAP SPLICES OF DEFORMED BARS AND DEFORMED WIRE IN TENSION ZONES SHALL BE CLASS B SPLICES.
   K. AT ALL CORNERS AND WALL INTERSECTIONS PROVIDE BENT BARS TO MATCH THE HORIZONTAL REINFORCING STEEL AND IN ACCORDANCE WITH THE TYPICAL CORNER REINFORCING DETAILS.
   L. CHAMFER ALL EXPOSED CORNERS AND FILLET ENTRANT ANGLES 3/4 " UNLESS OTHERWISE NOTED ON THE DRAWINGS.
   M. PROVIDE #4, 4'-0" LONG DIAGONAL BARS AT EACH RE-ENTRANT CORNER IN SLABS; (1) BAR FOR SLABS WITH SINGLE LAYER REINFORCING AND (2) BARS FOR SLABS WITH DOUBLE LAYER REINFORCING.

CONCRETE, CONT.

8. CONCRETE FINISHING. ALL CONCRETE SURFACES SHALL BE FINISHED IN ACCORDANCE WITH ACI 301.
   A. FORMED CONCRETE SURFACES. AFTER REMOVAL OF FORMS, GIVE EACH FORMED SURFACE ONE OR MORE OF THE FOLLOWING FINISHES:
      A. NON-LIQUID RETAINING CONCRETE STRUCTURES:
         A.A. CONCRETE FOOTINGS AND FOUNDATIONS NOT EXPOSED TO VIEW. PROVIDE AN AS-CAST FINISH PER SECTION 5.3.3.3A.
         A.B. FOUNDATION WALL AND OTHER SURFACES BELOW GRADE AND NOT EXPOSED TO VIEW. PROVIDE A ROUGH-FORM FINISH PER SECTION 5.3.3.3.A.
         A.C. INTERIOR, EXTERIOR AND TOP SURFACES EXPOSED TO VIEW TO 6-INCHES BELOW GRADE. PROVIDE A SMOOTH-FORM FINISH PER SECTION 5.3.3.3.B.
      B. SPECIAL OR ARCHITECTURAL FINISHES: REFER TO THE ARCHITECTURAL SPECIFICATIONS FOR SPECIAL OR ARCHITECTURAL FINISH REQUIREMENTS.
   B. UNFORMED CONCRETE SURFACES. UNFORMED CONCRETE SURFACES INCLUDING THE TOP SURFACE OF ALL CONCRETE ROOF AND FLOOR SLABS SHALL BE FINISHED IN ACCORDANCE WITH ACI 301 SECTION 5.3.4 AND ACI 302 CHAPTER 8.
      A. INTERIOR OFFICES AND OTHER AREAS RECEIVING ONLY LIGHT FOOT TRAFFIC SHALL RECEIVE A TROWELED FINISH PER SECTION 5.3.4.2C.
      B. PROVIDE A NONSLIP FINISH FOR EXTERIOR SURFACES AND WHERE INDICATED ON THE PLANS.
      C. REFER TO THE ARCHITECTURAL PLANS FOR FINISH REQUIREMENTS FOR FLOORS TO RECEIVE ARCHITECTURAL COVERINGS.
   C.SAWED CONTRACTION JOINTS. CONFORM TO ACI 301 SECTION 5.3.5.
9. CONCRETE FLOORS AND SLABS.
   A. CONCRETE FLOORS AND SLABS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 302; CONCRETE FLOOR AND SLAB CONSTRUCTION. PROVIDE THE FOLLOWING CLASS CONCRETE FLOOR SLABS IN ACCORDANCE WITH TABLE 2.1 UNLESS OTHERWISE NOTED ON THE DRAWINGS:
      A. INTERIOR OFFICES AND OTHER AREAS RECEIVING ONLY LIGHT FOOT TRAFFIC: CLASS 1 OR 2 FLOOR DEPENDING ON FINAL FLOOR COVERING.
      B. EXTERIOR STRUCTURAL FLOOR SLABS SUBJECT TO FOOT AND MAINTENANCE TRAFFIC LOADS: CLASS 4 OR 5 FLOOR. PROVIDE A NONSLIP FINISH TO ALL WALKING SURFACES.
   B. PLACING, CONSOLIDATING, AND FINISHING. FOLLOW THE RECOMMENDATIONS GIVEN IN CHAPTER 8.

LUMBER/ MATERIALS/ HARDWARE

1. LUMBER: GRADING SHALL BE TO THE STANDARD GRADING RULES OF THE WWPA. TYPICAL STRUCTURAL LUMBER SHALL BE NUMBER 2 DOUGLAS-FIR/LARCH OR BETTER. MEMBERS NOTED AS WOOD BEAMS, POSTS OR COLUMNS SHALL BE NUMBER 1 DOUGLAS-FIR/LARCH OR BETTER. STUDS FOR INTERIOR NON-BEARING WALLS MAY BE STUD GRADE LUMBER. LUMBER TO BE LEFT EXPOSED, WITHOUT OTHER FINISH AND LUMBER IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.
2. TREATED LUMBER: LUMBER, INCLUDING WOOD SHEATHING, TO BE LEFT EXPOSED WITHOUT OTHER FINISH, LOCATED WITHIN 8 " OF FINISH GRADE, OR IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED MATERIAL. CONTRACTOR SHALL COORDINATE AND VERIFY THAT ALL STEEL ITEMS IN CONTACT WITH THE TREATED MATERIAL, INCLUDING STEEL HANGARS, CONNECTORS AND FASTENERS HAVE A GALVANIZED FINISH OF SUFFICIENT THICKNESS, OR OTHER TYPE OF PROTECTION, THAT IS COMPATIBLE WITH THE SPECIFIC TREATMENT TYPE SELECTED.
3. EPOXY SET BOLTS & REBAR: BOLTS AND REINFORCING STEEL BARS NOTED ON THE PLANS AS EPOXY OR CONSTRUCTION ADHESIVE SET BOLTS OR REBAR SHALL BE SET IN PLACE UTILIZING THE SIMPSON SET HIGH STRENGTH EPOXY SYSTEM; SIZE AND EMBEDMENT AS NOTED ON THE DRAWINGS, INSTALLED PER THE MANUFACTURERS RECOMMENDATIONS; OR AN APPROVED EQUAL.
4. BOLTS & LAG SCREWS FOR WOOD CONSTRUCTION: CONFORM TO ANSI/ASME TANDARDS B18.2.1-1981 AND THE NATIONAL DESIGN SPECIFICATION FOR WOOD ONSTRUCTION (NDS) 1991 EDITION PART VIII FOR BOLTS AND PART IX FOR SCREWS.
5. WOOD SCREWS: CONFORM TO ANSI/ASME STANDARDS B18.6.1-1981 AND THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) 1991 EDITION PART XI.
6. NAILS & SPIKES: CONFORM TO FEDERAL SPECIFICATION FF-N-105B AND THE NATIONAL DESIGN SPECIFICATION (NDS) 1991 EDITION PART XII.
7. NAILING: WHERE NOT OTHERWISE SPECIFIED ON THE PLANS, NAILING SHALL CONFORM TO IBC TABLE 2304.9.1, FASTENING SCHEDULE. ALL NAILS SHALL BE COMMON WIRE NAILS OR PNEUMATICALLY DRIVEN NAILS WITH AN EQUIVALENT CROSS-SECTION AND PENETRATION, UNLESS NOTED OTHERWISE.
8. LUMBER HARDWARE: WOOD CONSTRUCTION CONNECTORS SHALL BE AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY; CURRENT CATALOG, OR AN APPROVED EQUAL. HARDWARE EXPOSED TO WEATHER OR VIEW, IN UNHEATED PORTIONS OF THE STRUCTURE, OR AS INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS SHALL BE HOT-DIPPED GALVANIZED WITH GALVANIZED FASTENERS.
9. ROOF SHEATHING: ALL ROOF SHEATHING SHALL BE 5/8 " NOMINAL, EXTERIOR APA RATED SHEATHING {32/16} INSTALLED WITH PLY-CLIPS.

MECHANICAL OPENINGS

1. MECHANICAL OPENINGS ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS; REFER TO MECHANICAL PLANS FOR SIZE AND LOCATIONS.
2. OPENINGS THROUGH CONCRETE OR MASONRY WALLS GREATER THAN 6-INCH SQUARE OR 8-INCH ROUND SHALL BE REINFORCED WITH A MINIMUM OF 1-#5 BAR, EACH OF FOUR SIDES, EXTENDING 24" PAST THE OPENING EDGE. IN MASONRY WALLS THE BARS SHALL BE PLACED IN SOLID GROUTED CORES.
3. OPENINGS THROUGH FRAMED WALLS SHALL BE SOLIDLY BLOCKED ON ALL FOUR SIDES WITH FULL HEIGHT STUDS AND TOP AND BOTTOM BLOCKING. PROVIDE A HEADER MEMBER ACROSS THE OPENING PER THE TYPICAL DETAILS WHERE BEARING STUDS ARE INTERRUPTED BY THE OPENING.

STEEL

1. STRUCTURAL STEEL MATERIALS
   A. PLATES, BARS, CHANNELS & ANGLES: ASTM A36, FY=36 KSI
   B. SQUARE, RECTANGULAR HSS, STEEL TUBING: ASTM A5000 GRADE B, FY = 46 KSI
2. WELDING OF STRUCTURAL STEEL
   A. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE CURRENT AWS STRUCTURAL WELDING CODE D1.1-02
      A. WELD METAL: FEXX=70 KSI, TYPICAL UNLESS OTHERWISE NOTED OR REQUIRED BY AWS.
      B. ALL WELDERS SHALL BE TESTED AND CERTIFIED BY AN INDEPENDENT TESTING AGENCY.
      C. ALL WELDERS SHALL BE CURRENTLY LISTED WITH WABO. (FOR WASHINGTON STATE PROJECTS)
      D. QUALIFICATION OF WELDERS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS FOR STANDARD QUALIFICATION PROCEDURE OF THE AWS.
      E. CONTRACTOR SHALL SUBMIT A WPS FOR EACH TYPE 1 MOMENT CONNECTION WELD TO BE PERFORMED ON THE JOB. THE WPS SHALL FOLLOW THE REQUIREMENTS OF AWS D1.1 AND SPECIFY AT A MINIMUM THE FOLLOWING: PROCEDURE IDENTIFICATION , BASE METAL IDENTIFICATION, WELDING PROCESS, TYPE OF WELDING, POSITION OF WELDING, FILLER METAL SPECIFICATIONS, FILLER METAL CLASSIFICATION, NUMBER OF PASSES, WELDING CURRENT, WELDING POLARITY, PRE-HEAT AND INTER-PASS TEMPERATURES, CONTROLLED COOLING REQUIREMENTS, WELDING PARAMETERS SUCH AS ELECTRODE DIAMETER, AMPERAGE RANGE, VOLTAGE RANGE, TRAVEL SPEED RANGE, WIRE FEED SPEED RANGE, AND ELECTRICAL STICK-OUT.
3. OPEN WEB STEEL JOISTS
   A. (INCLUDING BRIDGING) SHALL CONFORM TO THE SPECIFICATIONS OF THE STEEL JOIST INSTITUTE, LATEST EDITION, AND IBC SECTION 2207. SEE PLANS AND DETAILS FOR LOADING REQUIREMENTS. AT JOISTS, THE PLANS INDICATE THE UNIFORM POUND PER FOOT LINE LOADS SHOWN AS (TOTAL LOAD, LIVE LOAD) WHICH INCLUDE AN ALLOWANCE FOR THE WEIGHT OF JOISTS, UNLESS OTHERWISE NOTED.
   CONCENTRATED LOADS SPECIFIED ON THE PLANS OR DETAILS SHALL BE ADDITIVE TO THE SPECIFIED LINE LOADS. FOR MEMBERS DENOTED 'STRUT' DESIGN TOP CHORD TO RESIST THE FACTORED EARTHQUAKE LOAD SHOWN. IN ADDITION, ALL MEMBERS SHALL BE DESIGNED TO SUPPORT A SINGLE 500 LB. ADDITIVE DOWNWARD POINT LOAD FROM ANY TOP OR BOTTOM CHORD PANEL POINT TO ACCOUNT FOR MISCELLANEOUS ARCHITECTURAL AND MECHANICAL ITEMS. CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR AND JOIST MANUFACTURER FOR LOADS EXCEEDING THIS ALLOWANCE. WHERE CONCENTRATED LOADS/HANGERS DO NOT OCCUR AT PANEL POINTS, CONTRACTOR SHALL INSTALL ADDITIONAL WEB MEMBERS PER THE INSTALLATION DETAILS OF THE JOIST MANUFACTURER
   WHERE REQUIRED. REVIEW PROPOSED FIELD SPLICE LOCATIONS AND DETAILS WITH ARCHITECT, AND COORDINATE LOCATIONS WITH THE ERECTOR.
   B.JOIST MANUFACTURER SHALL CHECK ROOF MEMBERS AND PROVIDE UPLIFT BRIDGING AS REQUIRED TO ADEQUATELY BRACE THE BOTTOM CHORD AGAINST LATERAL MOVEMENT UNDER A NET WIND UPLIFT PRESSURE (ASD) OF 5 PSF. CONTRACTOR SHALL COORDINATE BRIDGING LAYOUT PRIOR TO JOIST ERECTION TO AVOID CONFLICTS WITH MECHANICAL DUCTWORK, FLOOR/ROOF OPENINGS (INCLUDING SKYLIGHTS), OR OTHER MISCELLANEOUS ITEMS. ENDS OF BRIDGING ROWS SHALL BE FIELD WELDED TO STRUCTURAL STEEL MEMBERS OR TO PLATES BOLTED TO CONCRETE OR MASONRY WALLS UNLESS OTHERWISE NOTED. CAMBER JOISTS IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE STANDARDS, UNLESS OTHERWISE NOTED. SIZE MEMBERS TO MEET THE FOLLOWING LIVE LOAD DEFLECTION CRITERIA UNLESS OTHERWISE NOTED: L/360 FOR SIMPLE SPAN ROOF MEMBERS AND L/180 FOR ROOF OVERHANGS.
   C. JOISTS THAT OCCUR WITHIN 3'-0" OF STEEL COLUMNS AND ALL JOISTS EXCEEDING 40'-0" IN LENGTH SHALL BE BOLTED TO WIDE FLANGE OR JOIST
GIRDER SUPPORTS IN LIEU OF THE SPECIFIED FIELD WELDING, EXCEPT AT JOISTS MARKED 'STRUT' AND WHERE NOTED ON DETAILS WHERE THE FIELD
WELDING SHALL ALSO APPLY. USE (2) 1/2" DIAMETER A307 BOLTS FOR K-SERIES JOISTS AND (2) 3/4" DIAMETER A307 BOLTS FOR LH AND DLH-SERIES
JOISTS (VERIFY BOLT SIZE/SPACING WITH JOIST SUPPLIER). BOLTING REQUIREMENT MAY BE OMITTED FOR JOISTS LESS THAN 40'-0" IN LENGTH WHERE
WIDE FLANGE BEAMS FRAME INTO STEEL COLUMNS IN AT LEAST TWO DIRECTIONS.
SUBMIT SHOP DRAWINGS AND DESIGN CALCULATIONS TO THE ARCHITECT, STRUCTURAL ENGINEER, AND BUILDING DEPARTMENT FOR REVIEW PRIOR TO
FABRICATION. SUBMITTALS SHALL INDICATE ALL CHORD AND WEB MEMBER SIZES AND SHOW ALL END CONNECTIONS. DESIGN CALCULATIONS SHALL BEAR
THE STAMP AND SIGNATURE OF A REGISTERED PROFESSIONAL ENGINEER, STATE OF OREGON.

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STAMP

CONSULTANT

CB Cant Bay

PROJECT INFORMATION

BAKER EMERGENCY OPERATIONS CENTER

3410 K ST. BAKER CITY, OR 97814

ISSUES

PHASE	BID DOCUMENTS
DATE	ISSUE DATE: 05/16/2025
JOB NUMBER	COLE PROJECT: 23-105-OR

MARK	DATE	DESCRIPTION
ADD-03	07/31/2025	ADDENDUM #3

SHEET NAME

GENERAL STRUCTURAL NOTES

SHEET NUMBER

S1.1

FLAG NOTES

1. DATA DEVICES IN DISPATCH SUPERVISER 112 TO BE FED FROM EXISTING DATA CLOSET A124.
2. (2) RACKS, PATCH PANELS, (4) HORIZONTAL WIRE MANAGERS, (2) VERTICAL WIRE MANAGERS, CABLE TRAY, WATERFALL CABLE MANAGEMENT FROM LADDER TO EQUIPMENT RACKS AS NECESSARY, ETC. BASIS OF DESIGN IS TRIPP-LITE PRODUCT LINES. LAYOUT OF IDF IS DIAGRAMMATIC. PROVIDE ADDITIONAL COORDINATION AND CONFIRM FINAL REQUIREMENTS WITH OWNER. ADD-03
3. OVERHEAD PROJECTOR. LOW VOLTAGE AND 120V POWER REQUIREMENTS TO BE CONFIRMED BEFORE COVER.
4. SCREEN FOR OVERHEAD PROJECTOR BY OWNER INSTALLED BY CONTRACTOR.
5. SEISMIC JOINT BETWEEN EXISTING AND NEW ADDITION ALONG GRID LINE 3. SEE DETAIL 5 E5.01 FOR CONDUIT PASSING SEISMIC JOINT REQUIREMENTS.
6. ALL DATA DEVICES MAIN OPS FLOOR ARE TERMINATED IN DEVICES APPROVED FOR WALKER DUCT PRO SERIES BOD (OR EQUAL). SEE EP1.01 FOR INFORMATION.
7. FIBER AND OTHER CABLE REQUIREMENTS NECESSARY BETWEEN MDF AND NEW IDF ARE TBD. PROVIDE ADDITIONAL COORDINATON WITH SERVICE PROVIDER, OWNER, AND ARCHITECT TO DETERMINE NEEDS. ADD-03

SHEET NOTES

A. PROVIDE ALL DATA CABLING, PORTS, & PLATES. CABLING FOR FIRE ALARM, SIGNALING SYSTEMS, AND SECURITY TO BE RISER RATED.

B. GRC END TO END IS WIRING METHOD FOR ALL OVERHEAD FIRE ALARM, SECURITY, EMERGENCY COMMUNICATIONS, AND SIGNALING SYSTEMS INCLUDING DATA DROPS PER NEC 708.14.

C. RVC ENCASED IN 2" OF SLAB IS APPROVED WIRING METHOD FOR UNDERGROUND PER NEC 708.

D. PROVIDE COMPLETE BUILD-OUT FOR NEW IDF 109 TO INCLUDE GROUNDING PER DETAIL T5.01. ADD-03

E. PROVIDE TERMINATIONS, TESTING, AND LABELING FOR ALL NEW DATA CABLES.

F. AV, SCREEN, MICROPHONE, & SPEAKER SYSTEMS ARE ROUGH IN ONLY. SYSTEMS PROVIDED BY OWNER.

G. AVIGILON SECURITY CAMERAS ARE OWNER PROVIDED CONTRACTOR INSTALLED. PROVIDE ALL NECESSARY CABLING AND ROUGH IN REQUIREMENTS. TIE INTO EXISTING SECURITY CAMERA HEAD END EQUIPMENT LOCATED IN (E) MDF. ADD-02

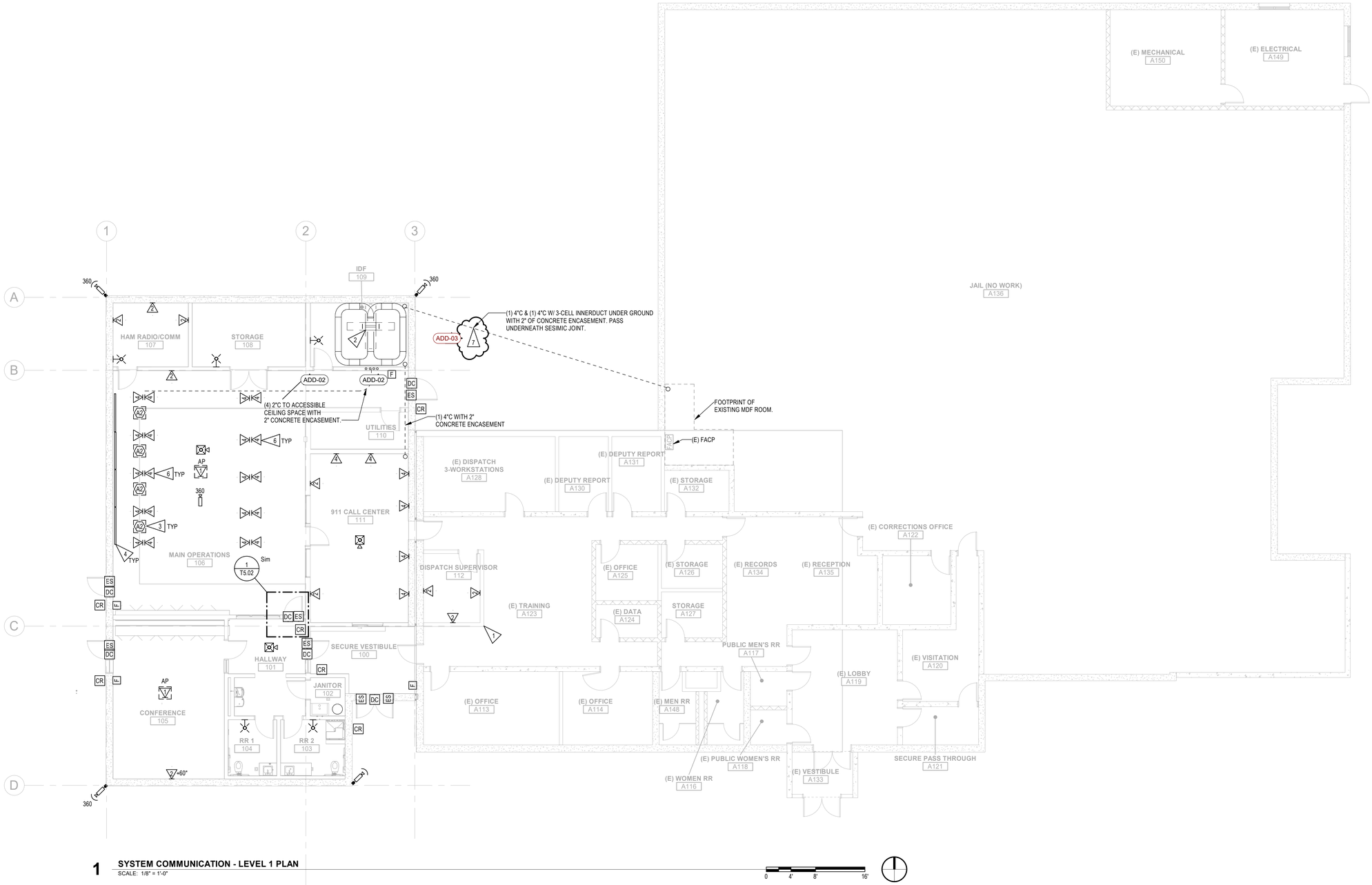
H. KANTECH CARD ACCESS SYSTEM IS OWNER FURNISHED CONTRACTOR INSTALLED. CONTRACTOR TO PROVIDE ALL CABLING AND ROUGH IN REQUIREMENTS. OWNER TO PROVIDE ALL DEVICES. TIE INTO EXISTING HEAD END EQUIPMENT BY OWNER LOCATED IN (E) MDF. CONFIRM CABLING REQUIREMENTS WITH OWNER. ADD-02

I. PROVIDE BIDDER DESIGNED ADDITION TO (E) FA SYSTEM PER REQUIREMENTS OF THE AHJ. (E) SILENT KNIGHT 5808 ADDRESSABLE FACP IS LOCATED IN MDF. PROVIDE BATTERY CALCS, PRODUCT SUBMITTALS, AND DRAWINGS AS NECESSARY TO PROCURE DEFERRED PERMIT. (ALPINE FIRE PROTECTION MAINTAINS MONITORING OF EXISTING SYSTEM: (866) 804-2696)

J. THERE WILL BE A SEISMIC JOINT BETWEEN THE EXISTING BLDG AND NEW ADDITION ALONG GRID LINE 3. ADD-02

K. AP DEVICES BY OWNER.

L. CONFIRM CABLE TYPE AND COUNTS FOR CABLE DROPS WITH OWNER PRIOR TO SLAB POUR. CONFIRM CONDUIT FILL REQUIREMENTS FOR CABLE TYPE.



1 SYSTEM COMMUNICATION - LEVEL 1 PLAN
SCALE: 1/8" = 1'-0"

0 4' 8' 16'

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STAMP

REGISTERED PROFESSIONAL ENGINEER
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JAN. 9, 2018
CHRISTOPHER LARSON
Expires: 12/31/2026

BIDDERS ARE INSTRUCTED TO CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS AND THE SITE CONDITIONS. INFORMATION REGARDING THE COMPLETE WORK OF SPECIFIC TRADES IS DISPERSED THROUGHOUT THE ENTIRE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED BY REFERENCE TO OTHER THAN COMPLETE DOCUMENT SET.

CONSULTANT

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PROJECT INFORMATION

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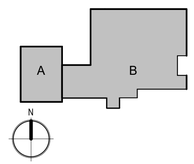
KEY PLAN



ISSUES

PHASE	BID DOCUMENTS
DATE	ISSUE DATE: 05/16/2025
JOB NUMBER	COLE PROJECT: 23-105-OR

MARK	DATE	DESCRIPTION
ADD-02	07/28/2025	ADDENDUM #2
ADD-03	07/31/2025	ADDENDUM #3

SHEET NAME

SYSTEM COMMUNICATION - LEVEL 1 PLAN

SHEET NUMBER

T1.01

DOCUMENT 00 01 07 - SEALS PAGE

PART 1 - GENERAL

1.1 DESIGN PROFESSIONAL OF RECORD

Ian Schmidt, AIA, NCARB,
Partner COLE Architects

END OF DOCUMENT 00 01 07

TABLE OF CONTENTS OF SPECIFICATIONS

PROCUREMENT AND CONTRACTING REQUIREMENTS GROUP

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

SPECIFICATIONS GROUP

GENERAL REQUIREMENTS SUBGROUP

DIVISION 01 - GENERAL REQUIREMENTS

SECTION 051200 - STRUCTURAL STEEL FRAMING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Structural-steel materials.
2. Shrinkage-resistant grout.
3. Shear stud connectors.

B. Related Requirements:

1. Section 053100 "Steel Decking" for field installation of shear stud connectors through deck.
2. Section 055000 "Metal Fabrications" for miscellaneous steel fabrications and other steel items not defined as structural steel.
3. Section 099113 "Exterior Painting" and Section 099123 "Interior Painting" for painting requirements.

1.2 DEFINITIONS

A. Structural Steel: Elements of the structural frame indicated on Drawings and as described in ANSI/AISC 303.

1.3 COORDINATION

A. Coordinate selection of shop primers with topcoats to be applied over them. Comply with paint and coating manufacturers' written recommendations to ensure that shop primers and topcoats are compatible with one another.

B. Coordinate installation of anchorage items to be embedded in or attached to other construction without delaying the Work. Provide setting diagrams, sheet metal templates, instructions, and directions for installation.

1.4 ACTION SUBMITTALS

A. Product Data:

1. Structural-steel materials.
2. High-strength, bolt-nut-washer assemblies.

3. Shear stud connectors.
4. Anchor rods.
5. Threaded rods.
6. Forged-steel hardware.
7. Slide bearings.
8. Prefabricated building columns.
9. Shop primer.
10. Galvanized-steel primer.
11. Etching cleaner.
12. Galvanized repair paint.
13. Shrinkage-resistant grout.

B. Shop Drawings: Show fabrication of structural-steel components.

1. Include details of cuts, connections, splices, camber, holes, and other pertinent data.
2. Include embedment Drawings.
3. Indicate welds by standard AWS symbols, distinguishing between shop and field welds, and show size, length, and type of each weld. Show backing bars that are to be removed and supplemental fillet welds where backing bars are to remain.
4. Indicate type, size, and length of bolts, distinguishing between shop and field bolts. Identify pretensioned and slip-critical, high-strength bolted connections.
5. Identify members not to be shop primed.

C. Delegated Design Submittal: For structural-steel connections indicated on Drawings to comply with design loads, include analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1.5 INFORMATIONAL SUBMITTALS

A. Qualification Data: For Installer, fabricator, professional engineer, testing agency.

B. Welding certificates.

C. Paint Compatibility Certificates: From manufacturers of topcoats applied over shop primers, certifying that shop primers are compatible with topcoats.

D. Mill test reports for structural-steel materials, including chemical and physical properties.

E. Product Test Reports: For the following:

1. Bolts, nuts, and washers, including mechanical properties and chemical analysis.
2. Tension-control, high-strength, bolt-nut-washer assemblies.
3. Shear stud connectors.

F. Survey of existing conditions.

G. Source quality-control reports.

H. Field quality-control reports.

1.6 QUALITY ASSURANCE

A. Fabricator Qualifications: A qualified fabricator that participates in the AISC Quality Certification Program and is designated an AISC-Certified Plant, Category BU or is accredited by the IAS Fabricator Inspection Program for Structural Steel (Acceptance Criteria 172).

B. Installer Qualifications: A qualified Installer who participates in the AISC Quality Certification Program and is designated an AISC-Certified Erector, Category CSE.

C. Welding Qualifications: Qualify procedures and personnel in accordance with AWS D1.1/D1.1M.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Store materials to permit easy access for inspection and identification. Keep steel members off ground and spaced by using pallets, dunnage, or other supports and spacers. Protect steel members and packaged materials from corrosion and deterioration.

1. Do not store materials on structure in a manner that might cause distortion, damage, or overload to members or supporting structures. Repair or replace damaged materials or structures as directed.

B. Store fasteners in a protected place in sealed containers with manufacturer's labels intact.

1. Fasteners may be repackaged provided Owner's testing and inspecting agency observes repackaging and seals containers.
2. Clean and relubricate bolts and nuts that become dry or rusty before use.
3. Comply with manufacturers' written recommendations for cleaning and lubricating ASTM F3125/F3125M, Grade F1852 bolt assemblies and for retesting bolt assemblies after lubrication.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. Comply with applicable provisions of the following specifications and documents:

1. ANSI/AISC 303.
2. ANSI/AISC 360.
3. RCSC's "Specification for Structural Joints Using High-Strength Bolts."

B. Connection Design Information:

1. Option 1: Connection designs have been completed and connections indicated on the Drawings.
2. Option 2: Fabricator's experienced steel detailer selects or completes connections in accordance with ANSI/AISC 303.

a. Select and complete connections using [schematic details indicated][and][ANSI/AISC 360]<Insert source>.
b. Use [Load and Resistance Factor Design; data are given at factored-load level][Allowable Stress Design; data are given at service-load level].

3. Option 3 and 3A: Design connections in accordance with ANSI/AISC 303 by fabricator's qualified professional engineer. Member reinforcement at connections is indicated on Drawings.

a. Use [Load and Resistance Factor Design; data are given at factored-load level][Allowable Stress Design; data are given at service-load level].

4. Option 3 and 3B: Design connections and final configuration of member reinforcement at connections in accordance with ANSI/AISC 303 by fabricator's qualified professional engineer.

a. Use [Load and Resistance Factor Design; data are given at factored-load level][Allowable Stress Design; data are given at service-load level].

C. Moment Connections: [Type PR, partially][Type FR, fully] restrained.

D. Construction: Combined system of braced frame and shear walls

2.2 STRUCTURAL-STEEL MATERIALS

A. Recycled Content of Steel Products: Postconsumer recycled content plus one-half of preconsumer recycled content not less than 25 percent.

B. Channels, Angles, S-Shapes: [ASTM A36/A36M]

C. Cold-Formed Hollow Structural Sections: [ASTM A500/A500M, Grade B][ASTM A500/A500M, Grade C][ASTM A1085/ASTMA1085M] structural tubing.

2.3 BOLTS AND CONNECTORS

2.4 FORGED-STEEL STRUCTURAL HARDWARE

A. Eye Bolts and Nuts: Made from cold-finished carbon-steel bars, ASTM A108, AISI C-1030.

2.5 PRIMER

A. Steel Primer:

1. Comply with Section 099113 "Exterior Painting" and Section 099123 "Interior Painting."
2. Fabricator's standard lead- and chromate-free, nonasphaltic, rust-inhibiting primer complying with MPI#79 and compatible with topcoat.

2.6 SHRINKAGE-RESISTANT GROUT

A. Metallic, Shrinkage-Resistant Grout: ASTM C1107/C1107M, factory-packaged, metallic aggregate grout, mixed with water to consistency suitable for application and a 30-minute working time.

2.7 FABRICATION

A. Structural Steel: Fabricate and assemble in shop to greatest extent possible. Fabricate accordance with ANSI/AISC 303 and to ANSI/AISC 360.

1. Camber structural-steel members where indicated.
2. Fabricate beams with rolling camber up.
3. Identify high-strength structural steel in accordance with ASTM A6/A6M and maintain markings until structural-steel framing has been erected.
4. Mark and match-mark materials for field assembly.
5. Complete structural-steel assemblies, including welding of units, before starting shop-priming operations.

B. Thermal Cutting: Perform thermal cutting by machine to greatest extent possible.

1. Plane thermally cut edges to be welded to comply with requirements in AWS D1.1/D1.1M.

C. Bolt Holes: Cut, drill, or punch standard bolt holes perpendicular to metal surfaces.

D. Finishing: Accurately finish ends of columns and other members transmitting bearing loads.

E. Cleaning: Clean and prepare steel surfaces that are to remain unpainted in accordance with [SSPC-SP 1.][SSPC-SP 2.][SSPC-SP 3.]

F. Shear Stud Connectors: Prepare steel surfaces as recommended by manufacturer of shear connectors. Weld using automatic end welding of headed-stud shear connectors in accordance with AWS D1.1/D1.1M and manufacturer's written instructions.

G. Steel Wall-Opening Framing: Select true and straight members for fabricating steel wall-opening framing to be attached to structural-steel frame. Straighten as required to provide uniform, square, and true members in completed wall framing. Build up welded framing, weld exposed joints continuously, and grind smooth.

H. Welded-Steel Door Frames: Build up welded-steel doorframes attached to structural-steel frame. Weld exposed joints continuously and grind smooth. Plug-weld fixed steel bar stops to frames. Secure removable stops to frames with countersunk machine screws, uniformly spaced not more than 10 inches o.c. unless otherwise indicated on Drawings.

I. Holes: Provide holes required for securing other work to structural steel and for other work to pass through steel members.

1. Cut, drill, or punch holes perpendicular to steel surfaces. Do not thermally cut bolt holes or enlarge holes by burning.
2. Baseplate Holes: Cut, drill, mechanically thermal cut, or punch holes perpendicular to steel surfaces.
3. Weld threaded nuts to framing and other specialty items indicated to receive other work.

2.8 SHOP CONNECTIONS

A. High-Strength Bolts: Shop install high-strength bolts in accordance with RCSC's "Specification for Structural Joints Using High-Strength Bolts" for type of bolt and type of joint specified.

1. Joint Type: Snug tightened.

B. Weld Connections: Comply with AWS D1.1/D1.1M and AWS D1.8/D1.8M for tolerances, appearances, welding procedure specifications, weld quality, and methods used in correcting welding work.

1.

2.9 SHOP PRIMING

A. Shop prime steel surfaces, except the following:

1. Surfaces embedded in concrete or mortar. Extend priming of partially embedded members to a depth of 2 inches.
2. Surfaces to be field welded.
3. Surfaces of high-strength bolted, slip-critical connections.
4. Surfaces to receive sprayed fire-resistive materials (applied fireproofing).
5. Galvanized surfaces unless indicated to be painted.
6. Corrosion-resisting (weathering) steel surfaces.
7. Surfaces enclosed in interior construction.

B. Surface Preparation of Steel: Clean surfaces to be painted. Remove loose rust and mill scale and spatter, slag, or flux deposits. Prepare surfaces in accordance with the following specifications and standards:

1. SSPC-SP 2.
2. SSPC-SP 3.
3. SSPC-SP 10 (WAB)/NACE WAB-2.
4. SSPC-SP 5 (WAB)/NACE WAB-1.

2.10 SOURCE QUALITY CONTROL

A. Testing Agency: Engage a qualified testing agency to perform shop tests and inspections.

1. Allow testing agency access to places where structural-steel work is being fabricated or produced to perform tests and inspections.
2. Bolted Connections: Inspect[and test] shop-bolted connections in accordance with RCSC's "Specification for Structural Joints Using High-Strength Bolts."
3. Welded Connections: Visually inspect shop-welded connections in accordance with AWS D1.1/D1.1M and the following inspection procedures, at testing agency's option:
4. In addition to visual inspection, test and inspect shop-welded shear stud connectors in accordance with requirements in AWS D1.1/D1.1M for stud welding and as follows:

    a. Perform bend tests if visual inspections reveal either a less-than-continuous 360-degree flash or welding repairs to any shear stud connector.

5. Prepare test and inspection reports.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify, with certified steel erector present, elevations of concrete- and masonry-bearing surfaces and locations of anchor rods, bearing plates, and other embedments for compliance with requirements.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Provide temporary shores, guys, braces, and other supports during erection to keep structural steel secure, plumb, and in alignment against temporary construction loads and loads equal in intensity to design loads. Remove temporary supports when permanent structural steel, connections, and bracing are in place unless otherwise indicated on Drawings.

3.3 ERECTION

A. Set structural steel accurately in locations and to elevations indicated and in accordance with ANSI/AISC 303 and ANSI/AISC 360.

B. Baseplates, Bearing Plates, and Leveling Plates: Clean concrete- and masonry-bearing surfaces of bond-reducing materials, and roughen surfaces prior to setting plates. Clean bottom surface of plates.

1. Set plates for structural members on wedges, shims, or setting nuts as required.

C. Maintain erection tolerances of structural steel within ANSI/AISC 303.

D. Align and adjust various members that form part of complete frame or structure before permanently fastening. Before assembly, clean bearing surfaces and other surfaces that are in permanent contact with members. Perform necessary adjustments to compensate for discrepancies in elevations and alignment.

1. Level and plumb individual members of structure. Slope roof framing members to slopes indicated on Drawings.
2. Make allowances for difference between temperature at time of erection and mean temperature when structure is completed and in service.

E. Splice members only where indicated.

F. Do not use thermal cutting during erection unless approved by Engineer. Finish thermally cut sections within smoothness limits in AWS D1.1/D1.1M.

G. Do not enlarge unfair holes in members by burning or using drift pins. Ream holes that must be enlarged to admit bolts.

3.4 FIELD CONNECTIONS

A. High-Strength Bolts: Install high-strength bolts in accordance with RCSC's "Specification for Structural Joints Using High-Strength Bolts" for bolt and joint type specified.

1. Joint Type: Snug tightened.

B. Weld Connections: Comply with AWS D1.1/D1.1M and AWS D1.8/D1.8M for tolerances, appearances, welding procedure specifications, weld quality, and methods used in correcting welding work.

1. Comply with ANSI/AISC 303 and ANSI/AISC 360 for bearing, alignment, adequacy of temporary connections, and removal of paint on surfaces adjacent to field welds.

C. Shear Stud Connectors: Prepare steel surfaces as recommended by manufacturer of shear connectors. Weld using end welding of headed-stud shear connectors in accordance with AWS D1.1/D1.1M and manufacturer's written instructions.

3.5 REPAIR

A. Galvanized Surfaces: Clean areas where galvanizing is damaged or missing, and repair galvanizing to comply with ASTM A780/A780M.

B. Touchup Painting:

1. Immediately after erection, clean exposed areas where primer is damaged or missing, and paint with the same material as used for shop painting to comply with SSPC-PA 1 for touching up shop-painted surfaces.

a. Clean and prepare surfaces by SSPC-SP 2 hand-tool cleaning.

2. Cleaning and touchup painting are specified in Section 099113 "Exterior Painting."& Section 099123 "Interior Painting."

C. Touchup Priming: Cleaning and touchup priming are specified in Section 099600 "High-Performance Coatings."

3.6 FIELD QUALITY CONTROL

A. Special Inspections: Owner will engage a special inspector to perform the following special inspections:

1. Verify structural-steel materials and inspect steel frame joint details.
2. Verify weld materials and inspect welds.
3. Verify connection materials and inspect high-strength bolted connections.

B. Testing Agency: Owner will engage a qualified testing agency to perform tests and inspections.

1. Bolted Connections: Inspect bolted connections in accordance with RCSC's "Specification for Structural Joints Using High-Strength Bolts."
2. Welded Connections: Visually inspect field welds in accordance with AWS D1.1/D1.1M.

    a. In addition to visual inspection, test and inspect field welds in accordance with AWS D1.1/D1.1M and the following inspection procedures, at testing agency's option:
    b. Conduct tests according to requirements in AWS D1.1/D1.1M on additional shear connectors if weld fracture occurs on shear connectors already tested.

END OF SECTION 051200

TO: **Cole Architects**
1000 NW Wall St, Suite 205
Bend, OR 97703

PROJECT NAME: BAKER COUNTY EMERGENCY OPERATIONS CENTER

We hereby submit for consideration the following product instead of the specified item for the above project:

Section: No ductless mini-split specification provided Paragraph: _____

Specified Item M6.01 Split System Condensing Unit Schedule
M6.01 Split System Fan Coil Unit Schedule

Proposed Substitution: Bryant/Carrier

Attach complete dimensional information and technical data including laboratory tests, if applicable.

Include complete information on changes to Drawings and/or specifications, which proposed substitution will require for its proper installation.

Submit with request all necessary samples and substantiating data to provide equal quality, performance, and appearance to that which is specified. Clearly mark manufacturer's literature to indicate equality in performance. Differences in quality of materials and construction shall be indicated.

The undersigned states that the following paragraphs, unless modified on attachments, are correct:

1. The proposed substitutions do not affect dimensions shown on drawings.
2. The undersigned will pay for changes to the building design, including engineering design, detailing and construction costs caused by the requested substitution.
3. The proposed substitution will have no adverse affect on other trades, the construction schedule, or specified warranty requirements.
4. Maintenance and service parts will be locally available for the proposed substitution.
5. The proposed substitution will have no affect on applicable codes.
6. The manufacturer's guarantee or warranties of proposed product is equivalent to; or exceeds that of the specified product.
7. Proposed substituted item will match all sizes, profiles, specifications and colors of item originally specified.

List of names and location of three similar projects on which product was used, date of installation, and Architect's name and phone number.

Project No. 1: See attached
Project No. 2: _____
Project No. 3: _____

Project Name: Baker County Emergency Operations Center

List of names and location of three similar projects on which product was used, date of installation and Architect's name and phone number.

Project 1: Baker Middle School Cafeteria, Baker City, OR 97814

Bryant minisplit outdoor units with both high wall heads and cassettes, Spring of 2024

LKV Architects –208-336-3443

Project 2: Simplot Office, Rupert ID

Carrier High Wall and outdoor ductless units, Spring of 2025

Resin Architecture - 208-757-5700

Project 3: Mountain Home Airforce Base, Mountain Home ID

Carrier ductless mixed with traditional split systems, Spring of 2025

HAS Architects - 208-338-1212

CERTIFICATION OF EQUAL PERFORMANCE AND ASSUMPTION OF LIABILITY FOR EQUAL PERFORMANCE

UNDERSIGNED ATTESTS THAT FUNCTION AND QUALITY ARE EQUAL TO OR SUPERIOR TO SPECIFIED ITEMS.

FOR USE BY ARCHITECT:

_____Accepted X Accepted as Noted
_____Not Accepted _____Received Too Late

By: Colin Klein
Date: 7/31/2025
Remarks: Sazan Group takes no exception to manufacturer.

Submitted By: Laura Hardrath
Signature : Laura Hardrath
Title: Vice President
Firm: Valley Metal & Heating, Inc.
Address: 2595 Broadway St
Baker City, OR 97814
Telephone: 541-523-3402
Date : 7/22/2025

Above signature must be by person having authority to legally bind his firm to the above terms.

END OF SECTION

SUBMITTAL

Date

7-21-25

Submittals for:

Baker Emergency Operations Center

25-178

Prepared By:

Sigler-Idaho
300 N. Mark Stall Pl
Boise, Idaho 83704
Idahobids@siglers.com

FC-1 CU-1

Single Zone Heat Pump Ductless System

Outdoor Model: 37MAHAQ12AA3
Indoor Model: 45MBCAQ12XA3

Job Data: _____ **Location:** _____

Tag #: _____ **Carrier#:** _____

Date: _____

OUTDOOR STANDARD FEATURES
- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- Auto-Restart function
- Condenser High Temp Protection
- Quiet operation
- Anti-corrosive fin coating

INDOOR STANDARD FEATURES
- Modes: Cool, Heat, Dry, Fan, Auto
- Outside Air Intake
- Four fan speeds
- Sleep Mode
- Built-in condensate lift pump
- Follow Me (senses temperature at handheld remote)
- Auto-Restart function
- Quiet indoor operation
- Anti-corrosive fin coating
- Ceiling Grille

RESIDENTIAL APPLICATION LIMITED WARRANTY*
- Ten (10) years if properly registered within ninety (90) days after original installation, parts are warranted to the original purchaser for a period of ten (10) years. Otherwise, parts warranty is five (5) years.

NOTE: Images for illustration purposes only. Actual models may be slightly different.

Outdoor - Heat Pump			
System	**Outdoor Model #**		37MAHAQ12AA3
	Outdoor Size		12000
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
	MCA	A.	15
	MOPA	A.	15
	SCCR	kA	5K
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-22~122 (-30~50)
	Heating Outdoor DB Min - Max	°F(°C)	-22~75 (-30~24)
Piping	Min. Piping Length	ft (m)	9.8 (3)
	Standard Piping Length	ft. (m)	24.6 (7.5)
	Total Piping Length	ft (m)	82.02(25)
	Piping Lift*	ft (m)	49.21(15)
	Pipe Connection Size - Liquid	in (mm)	1/4in(6.35mm)
	Pipe Connection Size - Suction	in (mm)	3/8in(9.52mm)
Refrigerant	Refrigerant Type		R454B
	Charge	lbs (kg)	2.2(1.00)
	Add'l Refrigerant (between Std & Max Piping Lengths)	Oz/ft (g/m)	0.16(15)
Outdoor Coil	Face Area	Sq. Ft.	4.67
	No. Rows		2
	Fins per inch		20
	Circuits		4
Compressor	Type		ROTARY
	Model		KTN110D42UFZ
	Oil Type		ESTER OIL
	Oil Charge	Fl. Oz.	11.8363206
	Rated Current	RLA	0.89
Airflow & Sound	Airflow	CFM	1470.59
	Sound Pressure	dB(A)	56
Dimensions	Height	in (mm)	21.81(554)
	Width	in (mm)	31.69(805)
	Depth	in (mm)	12.99(330)
	Net Weight	lbs (kg)	72.75(33.0)
	Shipping Height	in (mm)	24.21(615)
	Shipping Width	in (mm)	36.02(915)
	Shipping Depth	in (mm)	14.57(370)
	Shipping Net Weight	lbs (kg)	78.70(35.7)

*** Condensing unit above or below indoor unit**

Indoor - Heat Pump			
System	**Indoor Model #**		45MBCAQ12XA3
	Indoor Size		12000
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
	Power Supply		Indoor unit powered by outdoor unit
	MCA	A.	3
Operating Range	Cooling Indoor DB Min - Max	°F(°C)	60~90 (16~32)
	Heating Indoor DB Min - Max	°F(°C)	32~86 (0~30)
Indoor Coil	Face Area	Sq. Ft.	2.95
	No. Rows		2
	Fins per inch		20
	Circuits		4
Indoor Unit	Number of Fan Speeds		700/600/400
	Airflow (highest to lowest)	CFM	364.92/306.06/194.23
	Sound Pressure (highest to lowest)	dB(A)	43.5/40.5/27.5/26.0
	Moisture Removal	L/h	1.45
	Air Throw Data	ft(m)	9.84(3)
Dimensions	Height	in (mm)	9.65(245)
	Width	in (mm)	22.44(570)
	Depth	in (mm)	22.44(570)
	Net Weight	lbs (kg)	35.27(16)
	Shipping Height	in (mm)	11.61(295)
	Shipping Width	in (mm)	28.15(715)
	Shipping Depth	in (mm)	25.20(640)
	Shipping Net Weight	lbs (kg)	41.89(19)

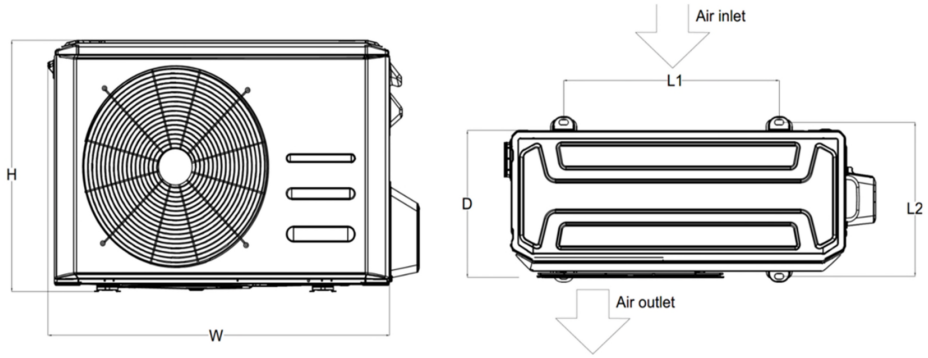
37MAHAQ12AA3 / 45MBCAQ12XA3 System Accessories		
Standard	Wireless Remote Controller (°F/°C Convertible)	
Required	Cassette Panel	45MBCQ01XXX3
Optional	Wired Remote Control 7 Day Programmable	KSACN1401AAA
	Wired Remote Control with Timer Function	KSACN1201AAA
	Wi-Fi™ Kit High Wall	KSAIF0701AAA
	24V Mini Interface	KSAIC0601230

37MAHAQ12AA3 / 45MBCAQ12XA3 System Performance		
Cooling Rated Capacity (DOE A2 - 95°F)		12000
Cooling Capacity Range		3800~15100
SEER2	Btu/h	23.7
EER2 (DOE A2 - 95°F)	Btu/h	12.7
Heating Rated Capacity (DOE H12 - 47°F)		12000
Heating Capacity Range		5300~16200
COP (DOE H12 - 47°F)	Btu/h	3.7
HSPF2 IV	Btu/h	11.6
HSPF2 V	Btu/h	8.9
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	14800
EER2 (DOE B2 - 82°F)	Btu/h	17
Heating Rated Capacity (DOE H32 - 17°F)		13400
COP (DOE H32 - 17°F)	W/W	2.25
Heating Maximum Capacity (17°F)	W/W	12900
Heating Rated Capacity (ODE H42 - 5°F)	W/W	11500
COP (DOE H42 - 5°F)		2
Heating Maximum Capacity (5°F)		11500

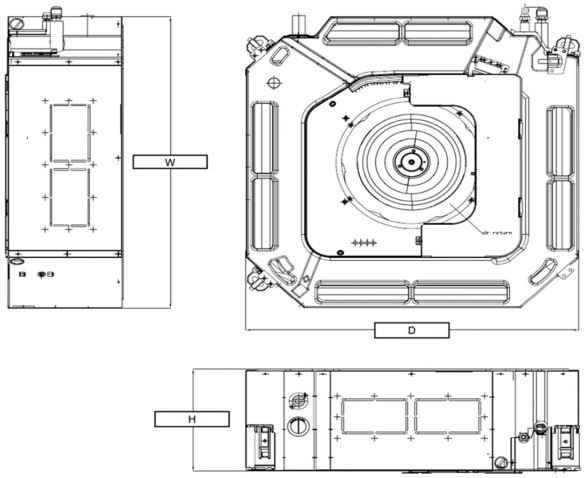
AHRI CERTIFIED www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

R-454B

FC-1 CU-1



OUTDOOR UNIT DIMENSIONS						
Capacity	Unit	W	D	H	L1	L2
12K	mm	805	330	554	511	317.2
	inch	31.69	12.99	21.81	20.1	12.5
18K	mm	890	342	673	663	379.59
	inch	35.04	13.46	26.5	26.1	14.94
24K	mm	946	410	810	672.96	402.6
	inch	37.24	16.14	31.89	26.49	15.85



INDOOR UNIT DIMENSIONS				
Capacity	Unit	W	D	H
12K/18K	mm	570	570	245
	inch	22.44	22.44	9.65
24K	mm	830	830	205
	inch	32.68	32.68	8.07

Single Zone Heat Pump Ductless System

Outdoor Model: 37MAHAQ18AA3
Indoor Model: 45MAHAQ18XA3

Turn to the experts

Job Data: _____ **Location:** _____

Tag #: _____ **Carrier#:** _____

Date: _____

NOTE: Images for illustration purposes only. Actual models may be slightly different.

FC-2 CU-2

OUTDOOR STANDARD FEATURES
- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- Auto-Restart function
- Condenser High Temp Protection
- Quiet operation
- Anti-corrosive fin coating

INDOOR STANDARD FEATURES
- Modes: Cool, Heat, Dry, Fan, Auto
- Four fan speeds
- Sleep Mode
- Turbo Mode
- Louver Angle Memory
- Follow Me (senses temperature at handheld remote)
- Auto-Restart function
- Condenser High Temp Protection
- Quiet indoor operation
- Anti-corrosive fin coating

RESIDENTIAL APPLICATION LIMITED WARRANTY*
- Ten (10) years if properly registered within ninety (90) days after original installation, parts are warranted to the original purchaser for a period of ten (10) years. Otherwise, parts warranty is five (5) years.

Outdoor - Heat Pump			
System	Outdoor Model #		37MAHAQ18AA3
	Outdoor Size		18000
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208-230/1/60
	MCA	A.	19
	MOPA	A.	20
	SCCR	kA	5K
Operating Range	Cooling Outdoor DB Min - Max	°F(°C)	-22~122 (-30～50)
	Heating Outdoor DB Min - Max	°F(°C)	-22~75 (-30～24)
Piping	Min. Piping Length	ft (m)	9.8 (3)
	Standard Piping Length	ft. (m)	24.6 (7.5)
	Total Piping Length	ft (m)	98.42(30)
	Piping Lift*	ft (m)	65.62(20)
	Pipe Connection Size - Liquid	in (mm)	1/4in(6.35mm)
	Pipe Connection Size - Suction	in (mm)	1/2in(12.7mm)
Refrigerant	Refrigerant Type		R454B
	Charge	lbs (kg)	3.46(1.57)
	Add'l Refrigerant (between Std & Max Piping Lengths)	Oz/ft (g/m)	0.16(15)
Outdoor Coil	Face Area	Sq. Ft.	5.9
	No. Rows		2
	Fins per inch		20
	Circuits		6
Compressor	Type		ROTARY
	Model		KTM240D46UKT2
	Oil Type		ESTER OIL
	Oil Charge	Fl. Oz.	20.96719648
	Rated Current	RLA	0.73
Airflow & Sound	Airflow	CFM	1764.71
	Sound Pressure	dB(A)	59
Dimensions	Height	in (mm)	26.50(673)
	Width	in (mm)	35.04(890)
	Depth	in (mm)	13.46(342)
	Net Weight	lbs (kg)	99.87(45.3)
	Shipping Height	in (mm)	29.13(740)
	Shipping Width	in (mm)	39.17(995)
	Shipping Depth	in (mm)	15.67(398)
	Shipping Net Weight	lbs (kg)	107.80(48.9)

*** Condensing unit above or below indoor unit**

Indoor - Heat Pump			
System	Indoor Model #		45MAHAQ18XA3
	Indoor Size		18000
Electrical	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
	Power Supply		Indoor unit powered by outdoor unit
	MCA	A.	3
Operating Range	Cooling Indoor DB Min - Max	°F(°C)	60~90(16～32)
	Heating Indoor DB Min - Max	°F(°C)	32~86(0～30)
Indoor Coil	Face Area	Sq. Ft.	2.75
	No. Rows		2
	Fins per inch		20
	Circuits		4
Indoor Unit	Number of Fan Speeds		1190/994/896
	Airflow (highest to lowest)	CFM	635.7 / 500.3 / 359.0 / 294.3 / /
	Sound Pressure (highest to lowest)	dB(A)	49.5/45.0/38.0/31.5/19.5
	Moisture Removal	L/h	2.2
	Air Throw Data	ft(m)	26.57(8.1)
Dimensions	Height	in (mm)	12.56(319)
	Width	in (mm)	37.99(965)
	Depth	in (mm)	9.41(239)
	Net Weight	lbs (kg)	27.34(12.4)
	Shipping Height	in (mm)	12.80(325)
	Shipping Width	in (mm)	41.14(1045)
	Shipping Depth	in (mm)	15.75(400)
	Shipping Net Weight	lbs (kg)	36.6(16.6)

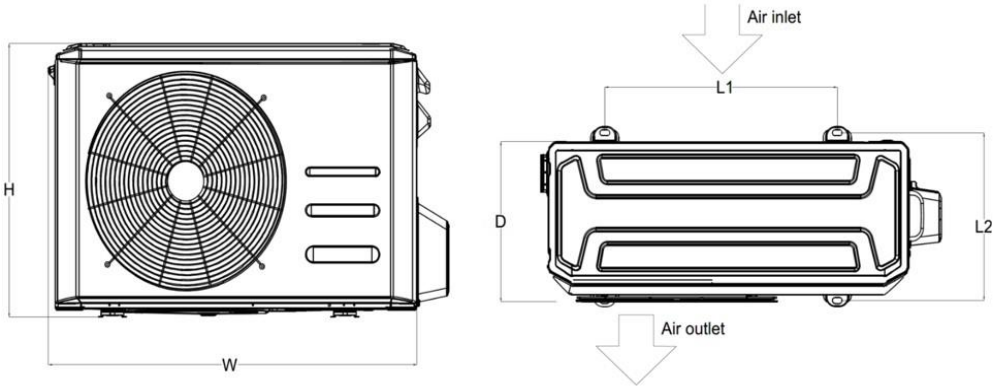
37MAHAQ18AA3 / 45MAHAQ18XA3 System Accessories		
Standard	Wireless Remote Controller (°F/°C Convertible)	
Optional	Wired Remote Control 7 Day Programmable	KSACN1401AAA
	Wired Remote Control with Timer Function	KSACN1201AAA
	Wi-Fi™ Kit High Wall	KSAIF0701AAA
	24V Mini Interface	KSAIC0601230

37MAHAQ18AA3 / 45MAHAQ18XA3 System Performance		
Cooling Rated Capacity (DOE A2 - 95°F)		18000
Cooling Capacity Range		8870~19400
SEER2	Btu/h	21.5
EER2 (DOE A2 - 95°F)	Btu/h	12.5
Heating Rated Capacity (DOE H12 - 47°F)		18000
Heating Capacity Range		11200~19500
COP (DOE H12 - 47°F)	Btu/h	3.26
HSPF2 IV	Btu/h	11
HSPF2 V	Btu/h	8.5
Cooling Rated Capacity (DOE B2 - 82°F)	Btu/h	18500
EER2 (DOE B2 - 82°F)	Btu/h	15.5
Heating Rated Capacity (DOE H32 - 17°F)		15000
COP (DOE H32 - 17°F)	W/W	2.55
Heating Maximum Capacity (17°F)	W/W	19200
Heating Rated Capacity (ODE H42 - 5°F)	W/W	18000
COP (DOE H42 - 5°F)		1.92
Heating Maximum Capacity (5°F)		18000

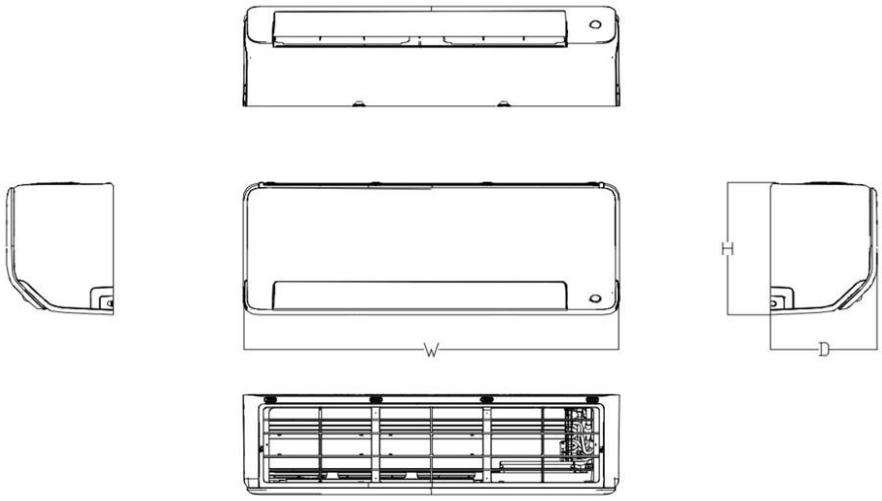
AHRI CERTIFIED www.ahridirectory.org Unitary Small HP AHRI Standard 210/240

Puron Advance™

FC-2 CU-2



OUTDOOR UNIT DIMENSIONS						
Capacity	**Unit**	**W**	**D**	**H**	**L1**	**L2**
6K	mm	765	303	555	452.4	313.82
	inch	30.12	11.93	21.85	17.81	12.36
9K/12K	mm	805	330	554	511	317.2
	inch	31.69	12.99	21.81	20.1	12.5
18K	mm	890	342	673	663	379.59
	inch	35.04	13.46	26.5	26.1	14.94
24K/33K	mm	946	410	810	672.96	402.6
	inch	37.24	16.14	31.89	26.49	15.85



INDOOR UNIT DIMENSIONS				
Capacity	**Unit**	**W**	**D**	**H**
6K/9K/12K	mm	795	225	295
	inch	31.3	8.86	11.61
18K	mm	965	239	319
	inch	37.99	9.41	12.56
24K/33K	mm	1140	275	370
	inch	44.88	10.83	14.57

Puron Advance™

FC-1,2

ecobee3 lite SMART THERMOSTAT PRO

No recharging or power stealing.
5-year Pro install limited warranty.*

EB-STATE3LTCB-01

5-YEAR PRO INSTALL LIMITED WARRANTY*
Get an extra 2 years of warranty when you professionally purchase and install your ecobee3 lite.

*Requires professional installation. Product must be returned to installing contractor. See warranty certificate for complete details and restrictions.

Here's why pros love us.

COMPATIBLE WITH MOST
Works with gas, oil, electric, and dual fuel systems. Supports conventional (2H/2C) and heat pump (4H/2C) systems. For full details, visit ecobee.com/compatibility.

SMART AND EFFICIENT
The Carrier Connected Portal can gather system settings from any ecobee Smart Thermostat to provide customers with quicker and more efficient service.

EASY TO INSTALL
Everything you need comes in the box, plus direct access to support when needed.

HELPS MANAGE HOT OR COLD SPOTS
Pairs with Room Sensors™ to help with hot or cold spots throughout the home. Room Sensors measure temperature to deliver comfort to the rooms that matter most. Sold separately.

Here's why consumers love us.

CONTROL FROM ANYWHERE
Customers can control their ecobee from anywhere with an iOS® and Android® device.*

* Thermostat must be connected to Wi-Fi®. App requires iOS® or Android® mobile device.

PROVIDES SAVINGS
Save up to 23% on heating and cooling costs.*

* Compared to a hold of 72°F. See https://www.ecobee.com/savings/ for details.

EXPERTLY INSTALLED
Installed by a Carrier contractor ensures that the thermostat is configured to optimally run the heating and cooling equipment.

AT YOUR CONVENIENCE
Everything you need comes in the box, plus direct access to support when needed.

CONTACT SUPPORT
For thermostat: **1.866.518.6740** | support@ecobee.com | ecobee.com/contractors
For heating and cooling equipment: **1-800-227-7437** | carrier.com/residential

Carrier
Turn to the experts

www.carrier.com/residential

FC-1,2

ecobee3 lite

SMART THERMOSTAT PRO

TECH SPECS

COMPATIBILITY
Conventional (2H/2C)—Gas, oil, electric.
Boiler (2-stage-heating).
Air-Cooled & Geo-Thermal Heat pumps (2 stage heat pump + 2 stage aux heat/2 cool) (4H/2C).
Dual-Fuel support.

WIRE TERMINALS

RC	O/B	W1
G	RH	W2
Y1	C	PEK
Y2		

POWERING METHOD
Wired 24VAC through terminals C or Rc.

POWER CONSUMPTION
Less than 3.5VA

CONNECTIVITY AND SECURITY
Wi-Fi, IEEE 802.11 b/g/n @ 2.4 GHz
Wi-Fi Protected Access (WPA/WPA2)
Wired Equivalent Privacy (WEP)
DHCP (dynamic) or static IP addressing
Transport Layer Security (TLS)
915MHz

BANDWIDTH
15-20 MB/month

SUSTAINABILITY
Mercury free
Arsenic free
PVC free
ROHS compliant

THERMOSTAT SENSORS
Temperature
Proximity
Humidity

ROOM SENSOR
Temperature
Motion

TEMPERATURE RANGE
Temperature: 7° to 33°C (45° to 92°F)
Display: 5° to 37°C (40° to 100°F)
Sensitivity: +/- 0.5°C (+/- 1°F)
Operating: 0° to 55°C (32° to 130°F)

HUMIDITY RANGE
Display: 20% to 90% RH
Sensitivity: +/- 5% RH
Operating: 5% to 95% RH (non condensing)

STORAGE
-35° to 45°C (-31° to 113°F)
5% to 95% RH (non condensing)

LANGUAGES
English

DISPLAY
3.5" full-color LCD touch screen
320 x 480 pixel display

HOMEKIT-ENABLED
HomeKit requires an iPhone, iPad, or iPod touch with iOS 9 or later. Controlling HomeKit-enabled accessories away from home requires an Apple TV with tvOS 9.0 or later and an iPhone, iPad, or iPod touch with iOS 9 or later.

WARRANTY
5-year warranty
(PRO Install only)

WHAT'S IN THE BOX
ecobee3 lite thermostat
Install guide
Screws
Dry wall plugs
Wire labels

PRODUCT DIMENSIONS
Thermostat
Length: 102.88 mm
Width: 102.88 mm
Depth: 21.4 mm

Works with Apple HomeKit

WORKS WITH amazon alexa

works with the Google Assistant

WORKS WITH SmartThings

Works with IFTTT

Contact ecobee for full integration list.

FC-1

Submittal Data Sheet

☑ **Gobi Ⅱ**
Part # 3004045
Part # 3004145

☐ **Combi**
Part # 3004046
Part # 3004146

Project Information

Job Name: _____ Submited to: _____

Location: _____ For: ☐ Reference ☐ Approval ☐ Construction

Date: _____ Submitted by: _____

Engineer: _____ Reference: _____

Submittal Information

Approval: _____ Construction: _____

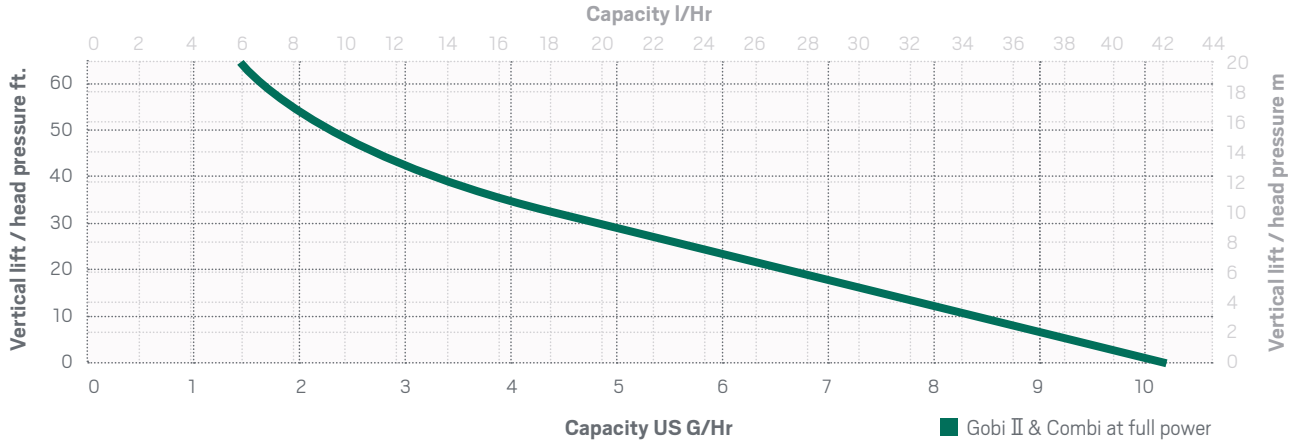
Date: _____ Unit #: _____

Product Specifications

Maximum flow rate:	42 l/h (11 GPH)
Maximum suction:	3 m (10 ft.) self priming
Maximum head:	20 m (65.60 ft.)
Maximum horizontal run:	100 m (330 ft.) at 0 head and 0 suction
Sound:	20dBA at 1 m (3 ft.) / 19dBA at 1 m EN ISO 3744:2010
Voltage:	100 ~ 240 VAC 50/60 Hz auto sensing universal power input
Power:	8 watts during maximum operation at 110V
Alarm relay:	Interchangeable NO or NC, rated 250V, 10A Max or 28VDC, 10AMax
Discharge tube:	6.25 mm (1/4") ID, 1m (3.3 ft.) in length
Color:	Gobi Ⅱ: RAL #9003 white, Combi: RAL #7040 Grey and RAL #1023 Yellow
Protection:	Class II double insulation, Fully potted, IP44 Class I, Fully potted, IP44
Operation temp:	Ambient 3ºC to 40ºC (37.5ºF to 104ºF) / Water 5ºC to 25ºC (41ºF to 77ºF)
Compliance:	Conforms to UL: 778 and Certified to CSA C22.2 #68
Installation range:	6,000 – 120,000 Btu/H

Wiring diagrams available at: www.condensate-pumps.com

Capacity



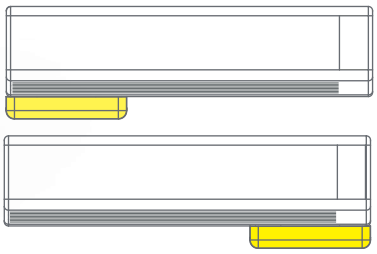
View installation video at **www.condensate-pumps.com**

Download user manual at **www.condensate-pumps.com**

Dimensions & Application

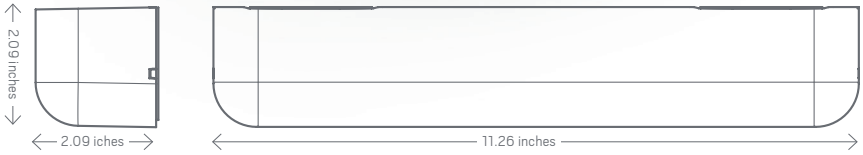
Gobi Ⅱ Part # 3004045 Part # 3004145

Application

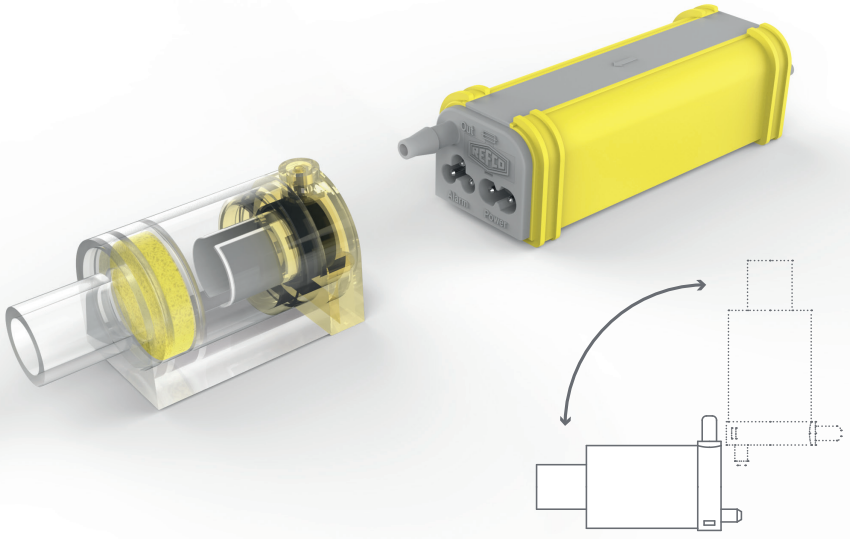


Gobi Ⅱ pump can be mounted on the right or on the left side

Dimensions pump

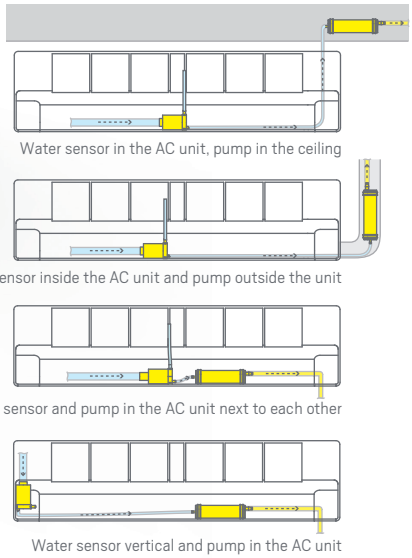


Combi Part # 3004046 Part # 3004146



Water sensor can be used horizontally or vertically.

Application



Water sensor in the AC unit, pump in the ceiling

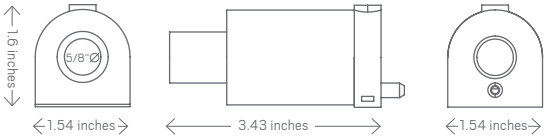
Water sensor inside the AC unit and pump outside the unit

Water sensor and pump in the AC unit next to each other

Water sensor vertical and pump in the AC unit

Dimensions pump

Dimensions water sensor



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Industriestrasse 11
CH-6285 Hitzkirch

Phone: +41 41 919 72 82
Fax: +41 41 919 72 83
info@refco.com

See more information on:
www.refco.com
www.refcopumps.com

CU-1,2

QSMS1800/1801

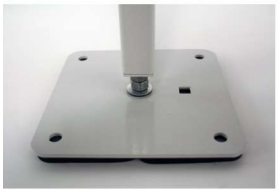
U.S. Patent No. 8,827,232 B2

QUICK-SLING®

The safe & affordable install

Applicable for residential or light commercial installations

A Close Up:



Each foot is slotted to receive 1/4"/20 hardware, which allows the stand to bolt to concrete, cement, or wood for security and stability.

4 points of anti-vibration isolation washers are provided while using four 50-derometer rubber pads on each foot.

Mini Split 1800/1801 SPECS

Available in 2 depths: QSMS1800-Thin QSMS1801-Wide Adjustable in length from 34" to 40" in 1" increments.Our 18" high Mini Split Stand fits all units and pads on the market. See compatibility charts at www.quick-sling.com. All necessary hardware is provided.

*Includes two additional support arms.

Our Mini Split Stand is made of 14-gauge square, steel tubing.

Holds up to 400 lbs.

Quick-Sling's Mini Split Stand provides an elevated platform that is quick, safe, stable, and affordable.

*Powder Coated.

Quick-Sling 391 West Water Street Taunton, MA 02780 P:1.800.699.0453 F:1.800.699.0423
www.Quick-Sling.com

*As of 1/1/2015 Quick-Sling offers a 2-year warranty on steel & workmanship; Quick-Sling products are coated in accordance with ASTM D3451-06.