

Apr 26, 2018 - 1:51pm



Construction Access Plan

Scale: 1"=20'-0"



Descriptive Keynotes

1. LOCATION FOR J-JON.
2. LOCATION OF 6 YARD TRASH DUMPSTER PROVIDED BY CONTRACTOR.
3. CONTRACTOR PARKING AREA. 6 SPACES AVAILABLE. CONTRACTOR TO PROVIDE SIGNAGE DESIGNATING SPACES FOR CONSTRUCTION PARKING.

REVISIONS	BY

These drawings are the property of W. Alan Kenson & Associates P.C., and may not be reproduced in any way without the written consent of W. Alan Kenson & Associates, P.C.



W. Alan Kenson & Associates, P.C.

P 928-443-5812 P.O. Box 11593
F 928-443-5815 Prescott, AZ 86304
email: waka@cableone.net
www.kenson-associates.com



ARCHITECTURE & PLANNING

DRAWING: Construction Access Plan

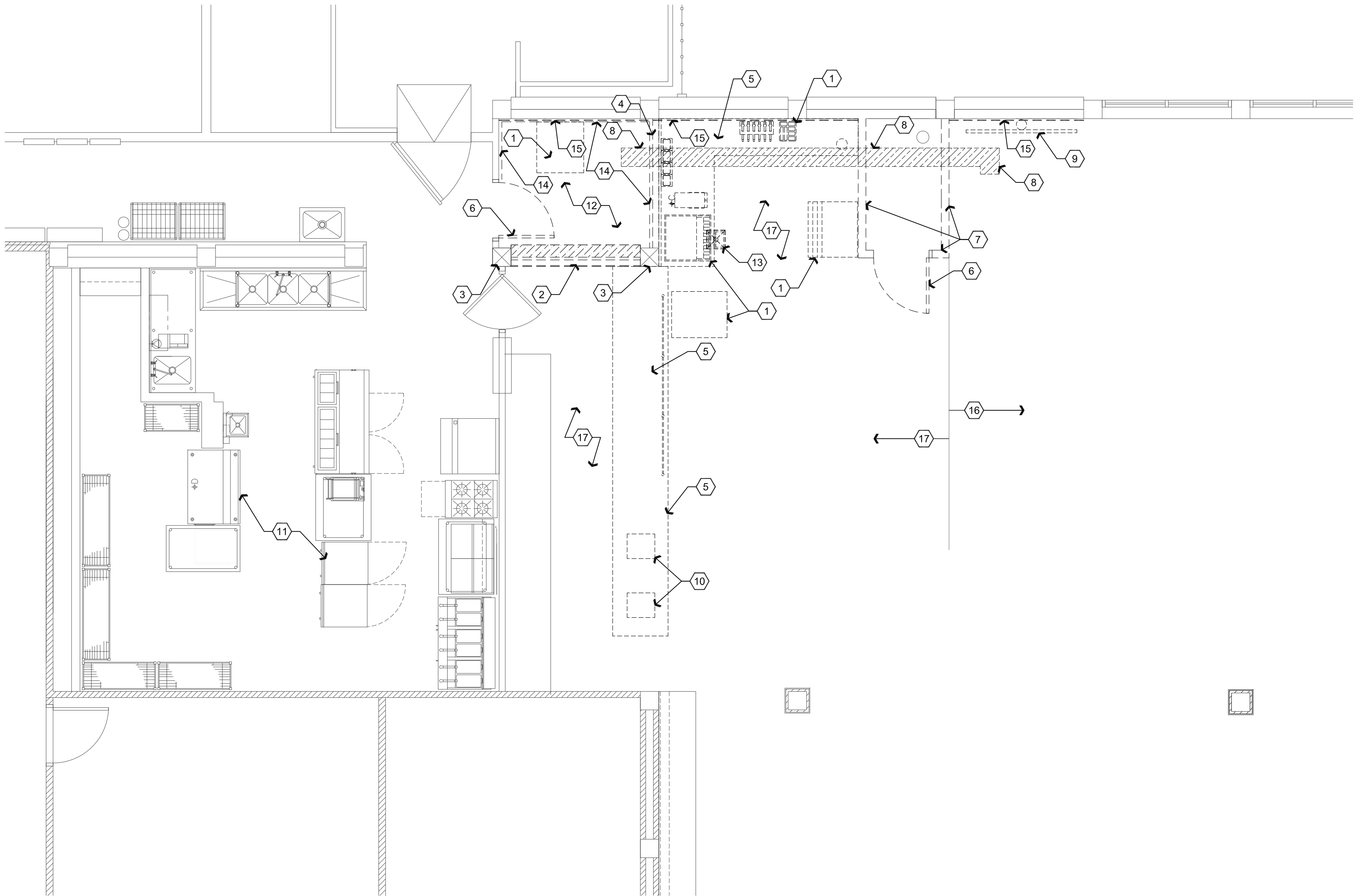
PROJECT: ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ 86301

APN: 106-03-004

DRAWN BY L.O.
CHECKED BY W.A.K.
DATE April 26th, 2018
JOB NO. 719
SHEET

A0.0

Apr 26, 2018 - 1:51pm



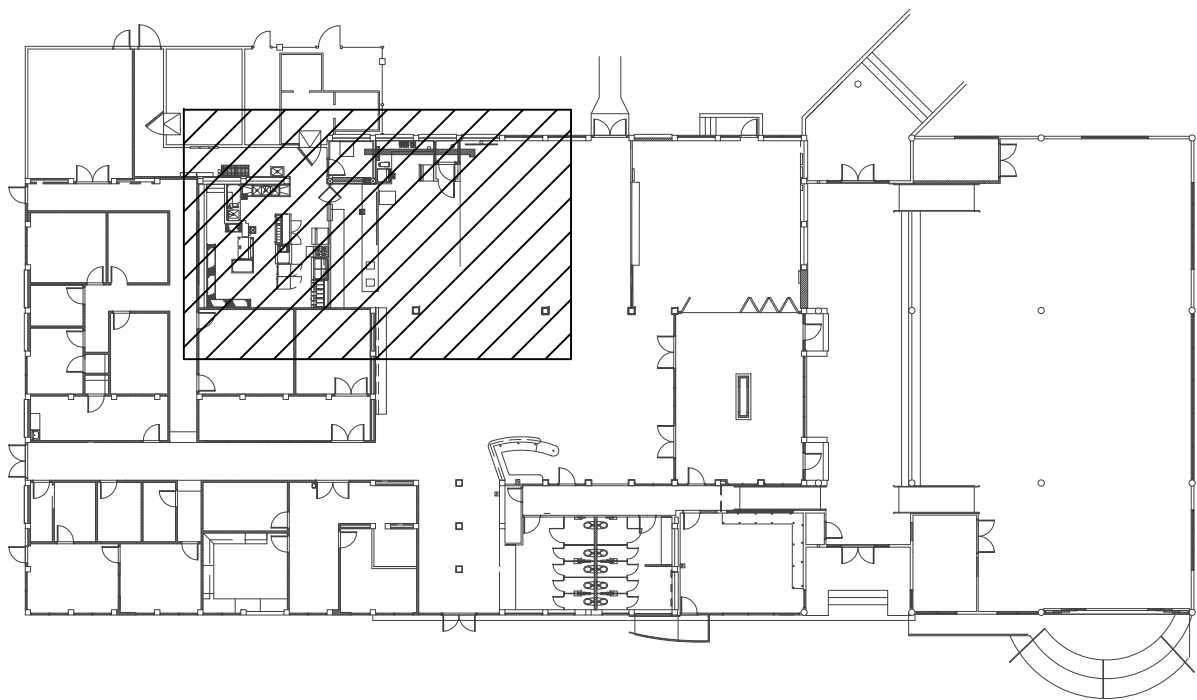
A1 Demolition Floor Plan

Scale: 1/4"=1'-0"



Descriptive Keynotes

1. OWNER TO REMOVE EXISTING KITCHEN EQUIPMENT, TYPICAL.
2. REMOVE EXISTING CMU / FRAME WALL BETWEEN COLUMNS.
3. EXISTING WOOD COLUMN TO REMAIN.
4. REMOVE EXISTING STUD WALL BETWEEN COLUMNS.
5. REMOVE EXISTING COUNTERTOP / CABINETS.
6. REMOVE EXISTING DOOR.
7. REMOVE EXISTING STUD WALL, REFER TO REFERENCE / DIMENSION FLOOR PLAN.
8. SAW CUT AND REMOVE PORTION OF CONCRETE FLOOR TO ACCOMMODATE PLUMBING WASTE LINE, REFER TO PLUMBING PLANS.
9. OWNER TO REMOVE EXISTING MONITOR.
10. OWNER TO REMOVE EXISTING POINT OF SALE DEVICE.
11. EXISTING KITCHEN EQUIPMENT TO REMAIN IN THIS AREA.
12. REMOVE EXISTING CERAMIC / PORCELAIN TILE FLOORING.
13. REMOVE EXISTING FLOOR SINK, REFER TO PLUMBING PLANS. PATCH AND REPAIR FLOORING AS REQUIRED.
14. REMOVE CERAMIC TILE WAINSCOT.
15. REMOVE DRYWALL AS REQUIRED TO ACCOMMODATE NEW ELECTRICAL AND PLUMBING SYSTEMS.
16. EXISTING LUXURY VINYL FLOORING TO REMAIN.
17. EXISTING CERAMIC TILE FLOORING TO REMAIN.



B2 Keyplan B16

Scale: N.T.S.



REVISIONS	BY

These drawings are the property of W. Alan Kenson & Associates P.C., and may not be reproduced in any way without the written consent of W. Alan Kenson & Associates, P.C.



W. Alan Kenson & Associates, P.C.

P 928-443-5812 P.O. Box 11593
F 928-443-5815 Prescott, AZ 86304
email: waka@cableone.net
www.kenson-associates.com

PROJECT: ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ 86301

APN: 106-03-004

DRAWING: Demolition Floor Plan

DRAWN BY L.O.
CHECKED BY W.A.K.
DATE April 26th, 2018
JOB NO. 719
SHEET

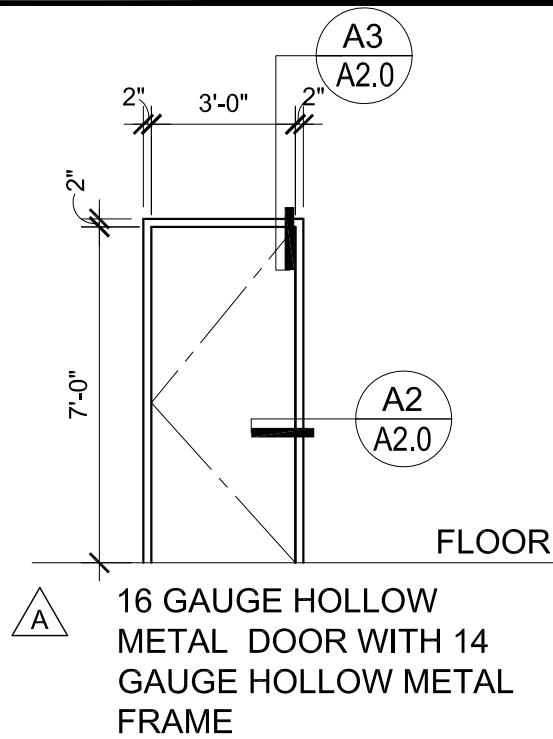
A1.0

Door Schedule

NO.	ROOM NAME	SIZE	TYPE	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	HARDWARE TYPE
102A	FIRE RISER	3'-0"x7'-0"	A	HM	PAINT	HM	PAINT	1

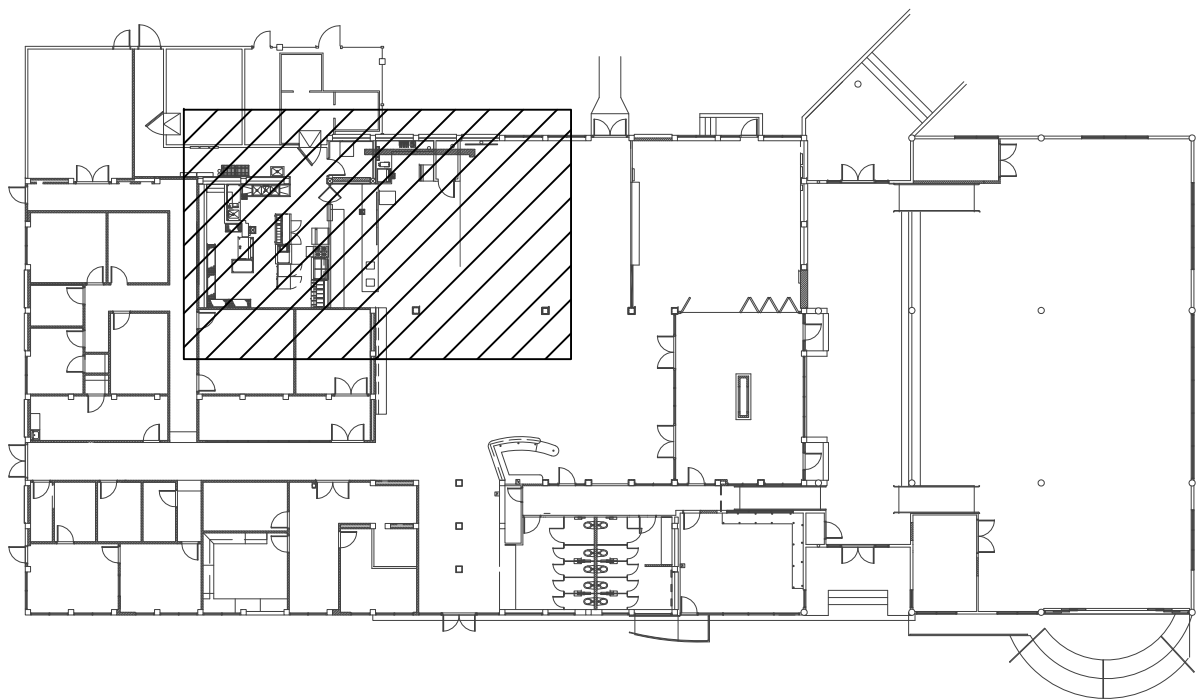
Hardware Schedule

HARDWARE TYPE 1			
QTY	DESCRIPTION		MANUFACTURER
3	HINGE 5BB1 4-1/2 x 4-1/2	652	IVES
1	STOREROOM 9K3 7D 15D S3 L/C	626	BEST
1	OH STOP 454S	626	GLYNN JOHNSON
3	SILENCERS SR 64	GRY	IVES
1	PERMANENT CORE BY ERAU		BEST



Descriptive Keynotes

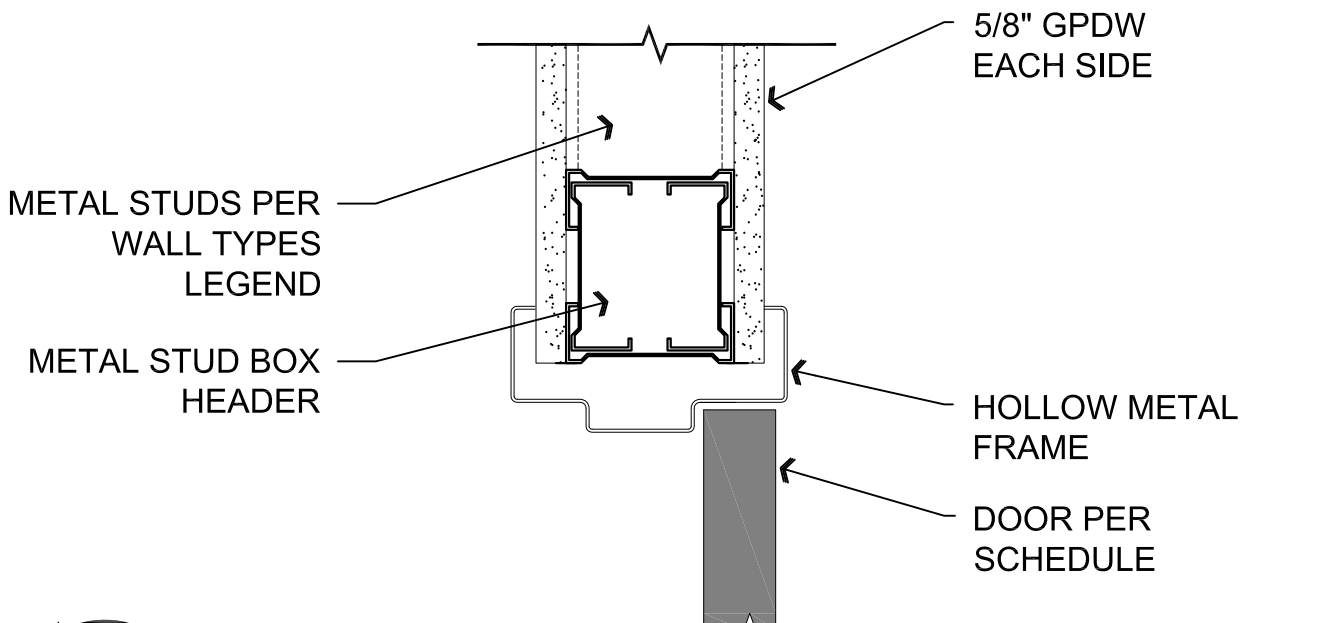
- EXISTING FLOORING TO REMAIN.
- MILLWORK, REFER TO FOOD SERVICE PLANS.
- COUNTERTOP, REFER TO FOOD SERVICE PLANS.
- PROVIDE INTERIOR PARTITION WALL - REFER TO WALL TYPES LEGEND.
- EXISTING FLOOR DRAIN - REFER TO PLUMBING DRAWINGS.
- PROVIDE 5/8" GPDW COLUMN SURROUND, REFER TO FOOD SERVICE PLANS FOR FINISH WALL MATERIAL.
- KITCHEN EQUIPMENT, REFER TO EQUIPMENT SCHEDULE ON FOOD SERVICE PLANS.
- PROVIDE NEW CERAMIC TILE TO MATCH EXISTING WHERE TILE AND WALLS WERE REMOVED, REFER TO ROOM FINISH PLAN.
- PATCH AND REPAIR FLOOR TO MATCH EXISTING AS REQUIRED WHERE FLOOR SINK WAS REMOVED.
- PROVIDE FLOOR SINK, REFER TO PLUMBING PLANS.
- PRE-MANUFACTURED PONY WALL PROVIDED AND INSTALLED BY MILLWORK FABRICATOR - REFER TO FOOD SERVICE PLANS.
- PROVIDE UTILITY SINK, REFER TO FOOD SERVICE PLANS AND PLUMBING PLANS.
- PROVIDE HAND SINK, REFER TO FOOD SERVICE PLANS AND PLUMBING PLANS.
- PROVIDE UNDER COUNTER REFRIGERATOR, REFER TO FOOD SERVICE PLANS.
- PROVIDE REFRIGERATED SERVICE COUNTER CASE, REFER TO FOOD SERVICE PLANS.
- PATCH AND REPAIR FLOOR TO MATCH EXISTING AS REQUIRED WHERE PLUMBING WASTE LINE WAS INSTALLED.
- PROVIDE TEMPORARY SHEET PLASTIC CONSTRUCTION BARRIER.
- EXISTING CERAMIC TILE.
- EXISTING LUXURY VINYL FLOORING.
- EXISTING FIRE RISER.
- PROVIDE TEMPORARY RAM BOARD PROTECTION OVER EXISTING FLOORING.
- ELECTRICAL PANEL, REFER TO ELECTRICAL PLANS.



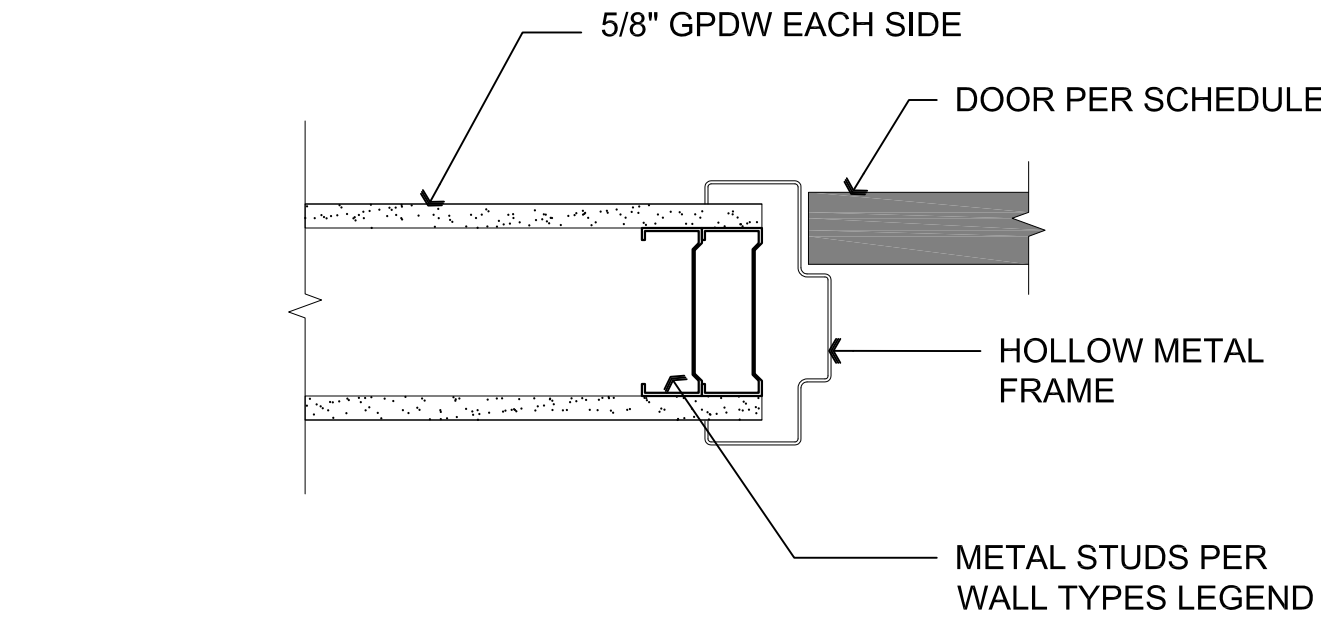
B2 Keyplan B16
Scale: N.T.S. Plan North

Wall Type

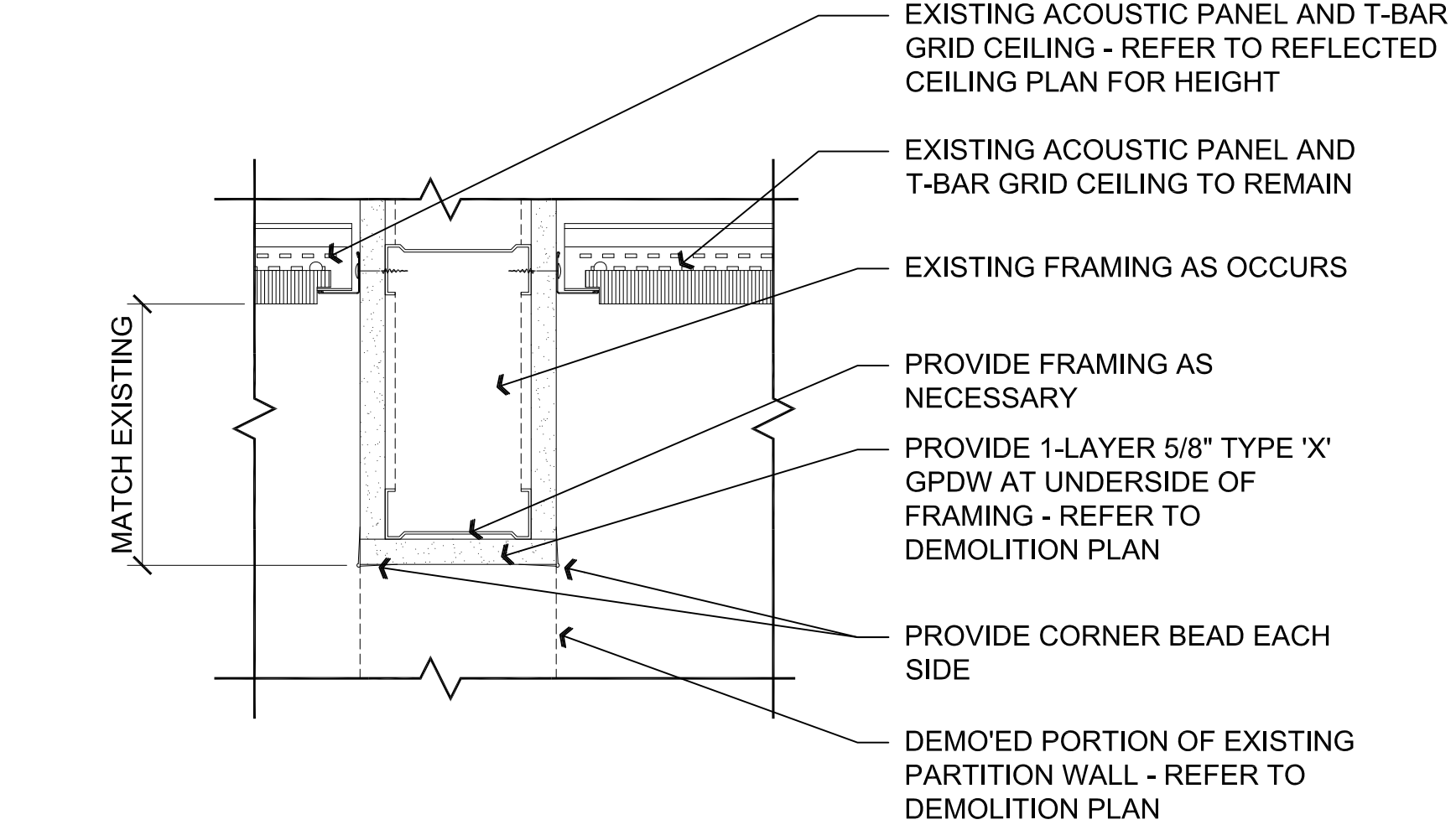
- A** INTERIOR PARTITION WALL: PROVIDE 3-5/8" 25 GAUGE METAL STUDS AT 1'-4" O.C. WITH 5/8" GPDW ON EXPOSED SIDES.



A3 Door Head @ Framed Wall
SCALE: 3" = 1'-0"

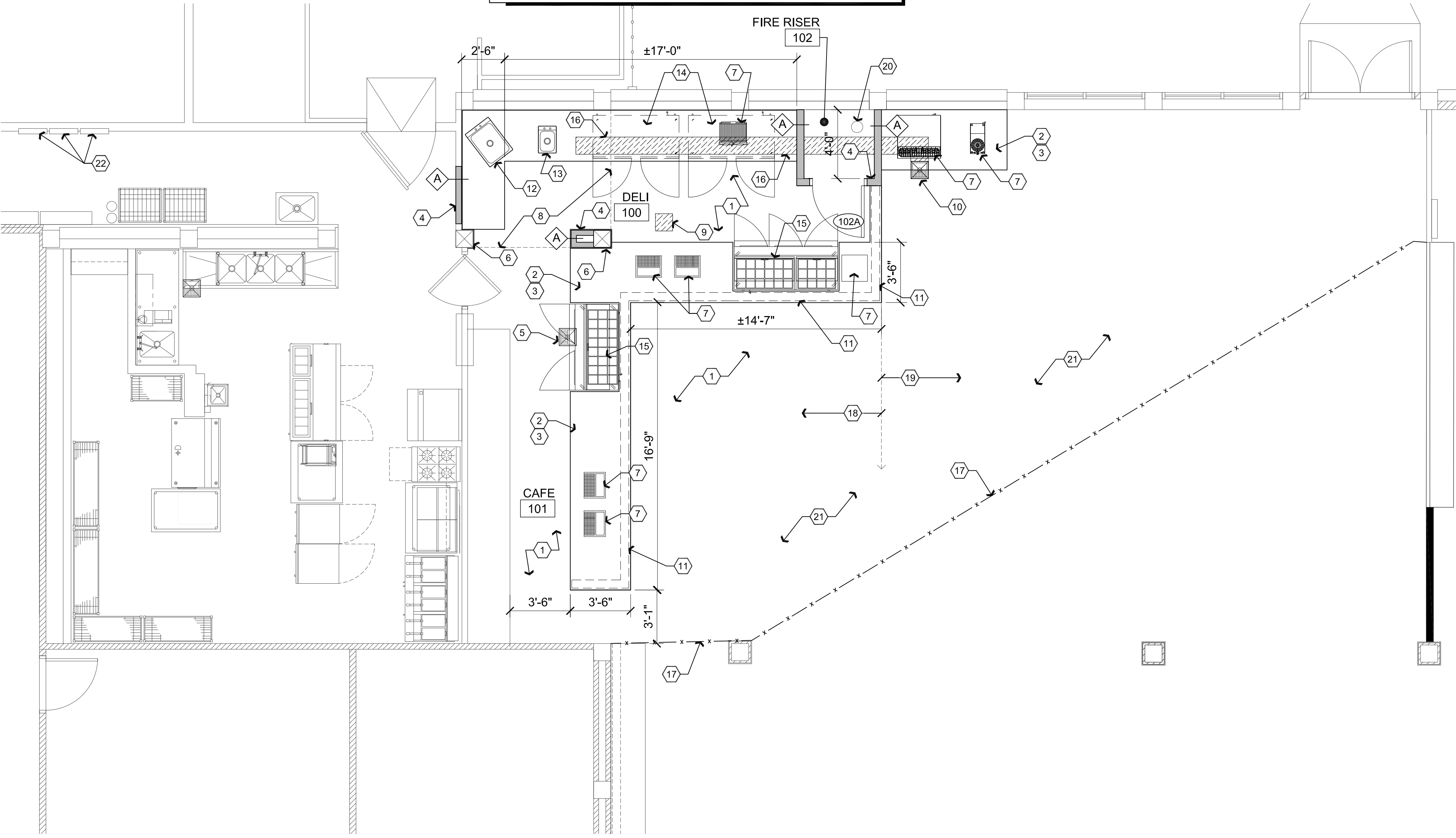


A2 Door Jamb @ Framed Wall
SCALE: 3" = 1'-0"



A1 Bulkhead Detail
SCALE: N.T.S.

B1 Reference / Dimension / Wall Type Floor Plan



Scale: 1/4"=1'-0" Plan North

REVISIONS	BY

These drawings are the property of W. Alan Kenson & Associates P.C., and may not be reproduced in any way without the written consent of W. Alan Kenson & Associates, P.C.



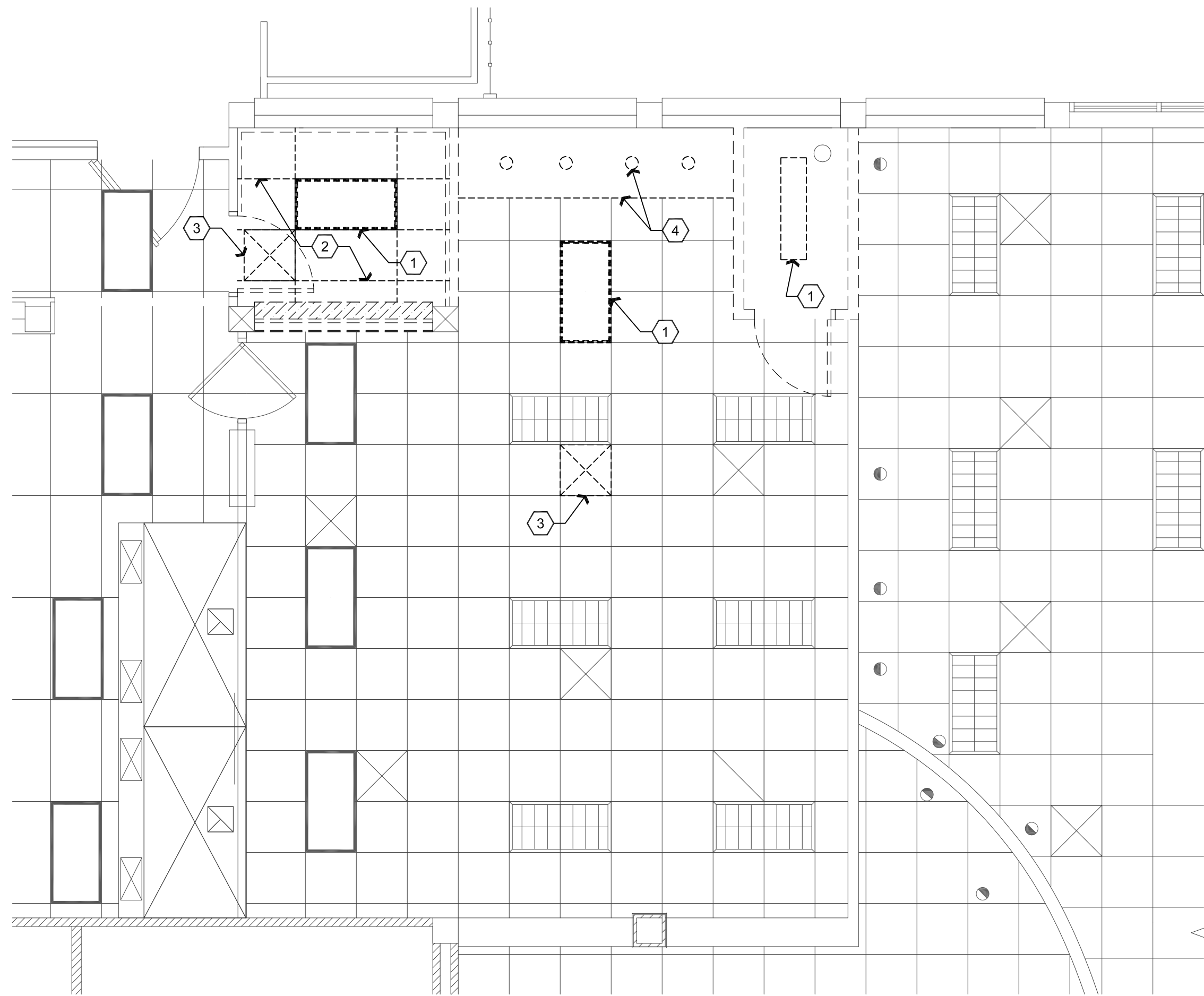
W. Alan Kenson & Associates, P.C.
P 928-443-5812 P.O. Box 11593
F 928-443-5815 Prescott, AZ 86304
email: waka@cableone.net
www.kenson-associates.com
ARCHITECTURE & PLANNING

DRAWING: Reference / Dimension / Wall Types Floor Plan and Door Schedule
PROJECT: ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ 86301
APN: 106-03-004

DRAWN BY L.O.
CHECKED BY W.A.K.
DATE April 26th, 2018
JOB NO. 719
SHEET

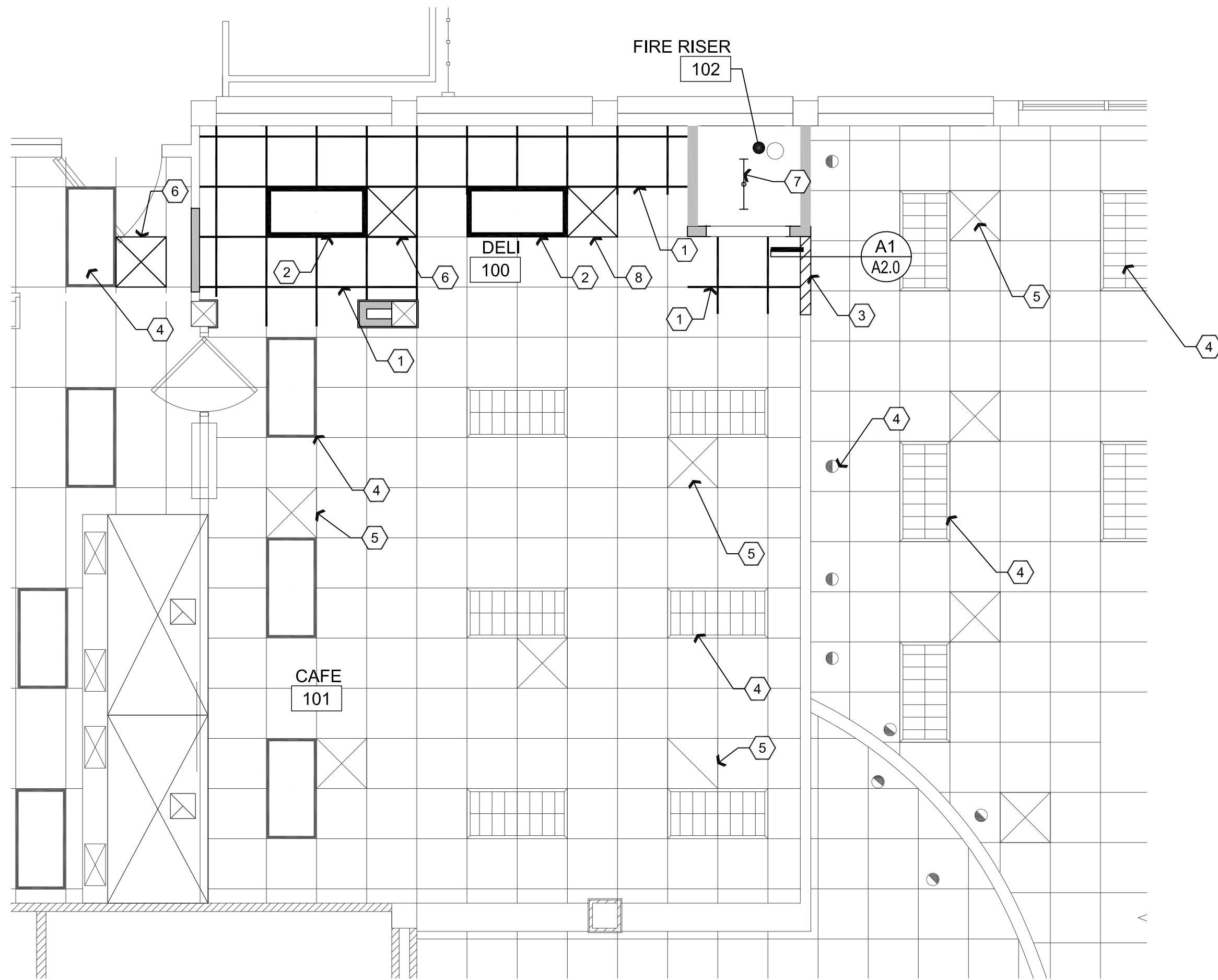
A2.0

Apr 26, 2018 - 1:51 pm



Demolition Reflected Ceiling Plan

Scale: 1/4"=1'-0"



Proposed Reflected Ceiling Plan

Scale: 1/4"=1'-0"



Legend



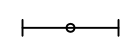
2'x4' LENSED TROFFER LIGHT FIXTURE TO BE RELOCATED



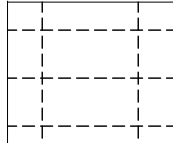
EXISTING 2'X4' TROFFER LIGHT FIXTURE



RELOCATED 2'x4' LENSED TROFFER LIGHT FIXTURE



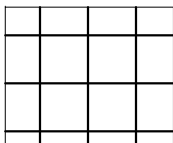
NEW 2' SURFACE MOUNTED STRIP LIGHT



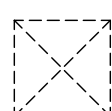
2'x4' ACOUSTIC PANEL CEILING TO BE REMOVED



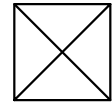
EXISTING ACOUSTIC PANEL CEILING



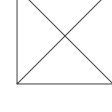
NEW ACOUSTIC PANEL CEILING



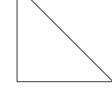
HVAC SUPPLY DIFFUSER TO BE RELOCATED



RELOCATED / NEW HVAC SUPPLY DIFFUSER



EXISTING HVAC SUPPLY DIFFUSER



EXISTING HVAC RETURN

NOTE:

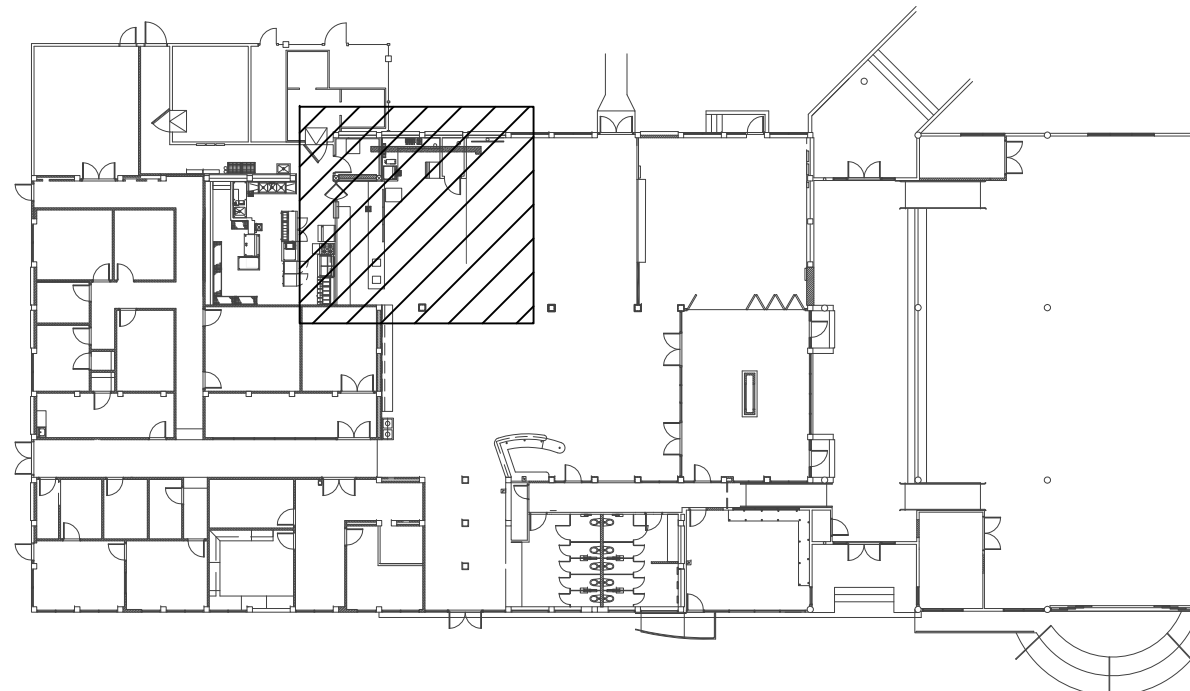
REFER TO ELECTRICAL AND MECHANICAL PLANS.

Descriptive Keynotes, Demolition

1. REMOVE AND RELOCATE EXISTING LIGHT FIXTURE, REFER TO ELECTRICAL PLANS.
2. REMOVE EXISTING CEILING GRID AND PANELS.
3. RELOCATE EXISTING HVAC SUPPLY, REFER TO MECHANICAL PLANS.
4. REMOVE EXISTING GPDW SOFFIT AND CAN LIGHTS.

Descriptive Keynotes, Proposed

1. PROVIDE CEILING GRID AND PANELS TO MATCH EXISTING.
2. RELOCATED LIGHT FIXTURE, REFER TO ELECTRICAL PLANS.
3. PROVIDE NEW PORTION OF SOFFIT TO BE ALIGNED WITH EXISTING SOFFIT, MATCH HEIGHT AND WIDTH. FINISH TO MATCH EXISTING.
4. EXISTING LIGHTING TO REMAIN.
5. EXISTING HVAC DIFFUSER / RETURN TO REMAIN, TYPICAL.
6. RELOCATED HVAC DIFFUSER CONNECTED TO EXISTING DUCTWORK, REFER TO MECHANICAL PLANS.
7. PROVIDE LIGHT FIXTURE, REFER TO ELECTRICAL PLANS.
8. PROVIDE NEW HVAC DIFFUSER AND CONNECT TO EXISTING DUCTWORK, REFER TO MECHANICAL PLANS.



Keyplan B16

Scale: N.T.S.



REVISIONS	BY

These drawings are the property of W. Alan Kenson & Associates P.C., and may not be reproduced in any way without the written consent of W. Alan Kenson & Associates, P.C.



W. Alan Kenson & Associates, P.C.



P 928-443-5812
F 928-443-5815

P.O. Box 11593
Prescott, AZ 86304

email: waka@cableone.net

www.kenson-associates.com

ARCHITECTURE & PLANNING

DRAWING: Demolition and Proposed Reflected Ceiling Plans

PROJECT: ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ 86301

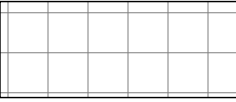
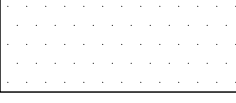

APN: 106-03-004

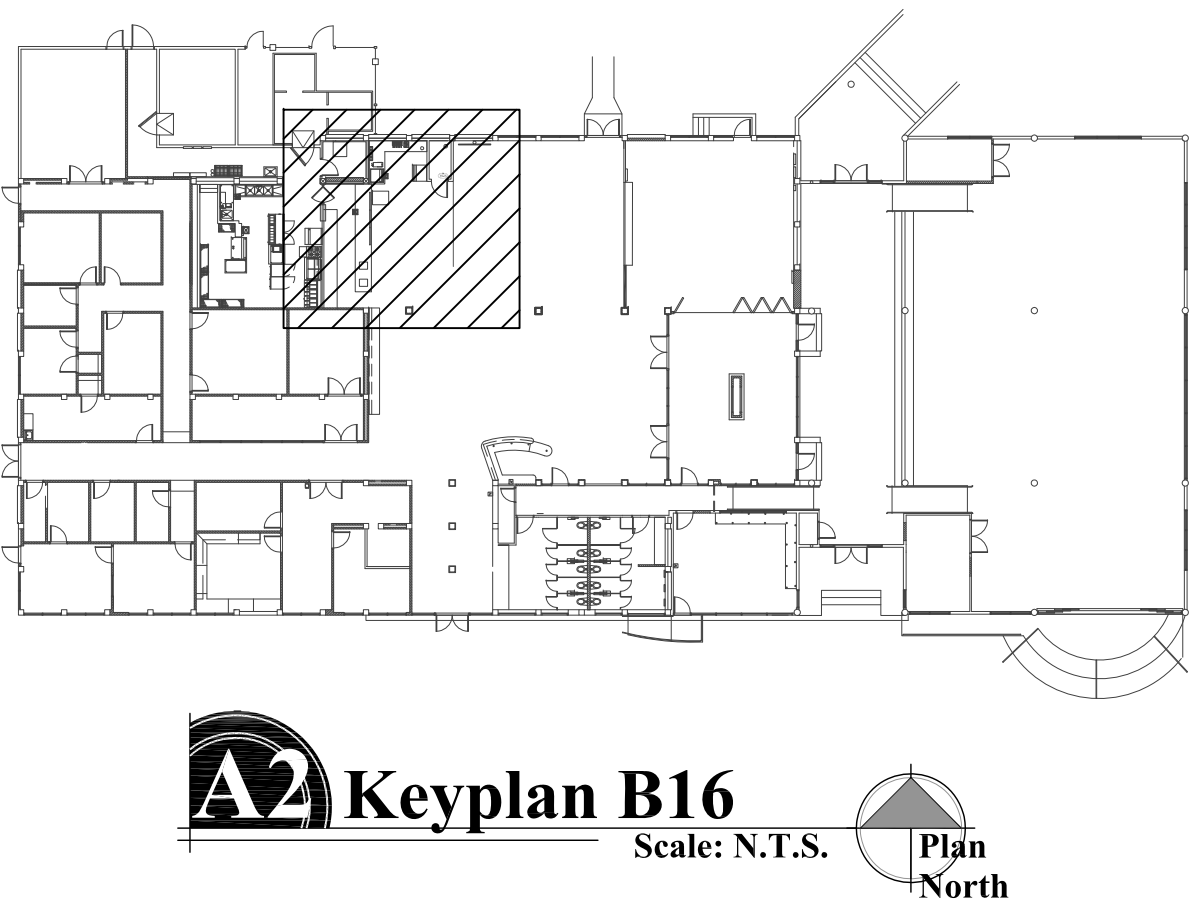
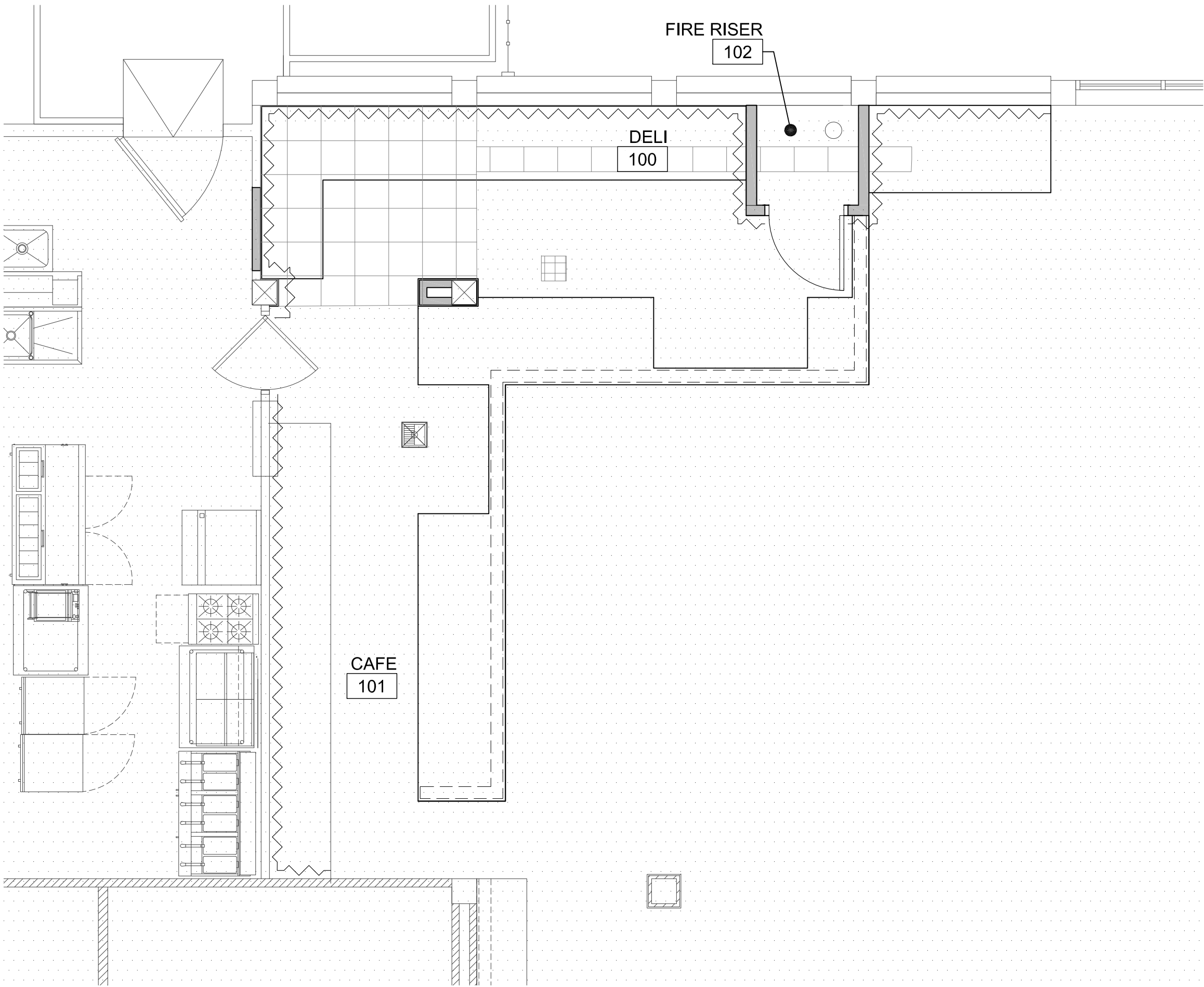
DRAWN BY L.O.
CHECKED BY W.A.K.
DATE April 26th, 2018
JOB NO. 719
SHEET

A3.0

Materials schedule <div>XX- #</div>				
CODE	MATERIAL	LOCATION	MANUFACTURER	SPECIFICATION
ACT-1	ACOUSTIC CEILING PANELS	REFER TO REFLECTED CEILING PLAN	MATCH EXISTING ADJACENT CEILING	MATCH EXISTING ADJACENT CEILING
CT-1	CERAMIC TILE FLOORS	DELI	DALTILE	MATCH EXISTING ADJACENT FLOOR TILE (DALTILE, CITY VIEW, VILLAGE CAFE CY07)
CT-2	CERAMIC TILE WALLS	BACK WALL OF CAFE AND DELI	REFER TO FOOD SERVICE PLANS	REFER TO FOOD SERVICE PLANS
LVT-1	LUXURY VINYL TILE	EXISTING	TANDUS CENTIVA	(EXISTING) CAN-0301-SW, ANTIQUE WOOD, VINTAGE LODGE
PT-1	PAINT	WALLS, DOORS AND FRAMES	SHERWIN WILLIAMS	REFER TO FOOD SERVICE PLANS
NOTE: REFER TO FOOD SERVICE PLANS FOR ALL FINISHES NOT LISTED.				

Room Finish Schedule						
NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING	HEIGHT
100	DELI	F1/F2/F3	-	W1/W2	C1/C2	±8'-9"
101	CAFE	F1	-	W1/W2	C1	±8'-9"
102	FIRE RISER	F1	B1	W1	C3	±11'-0"
<div><div><div>FLOOR:</div><div>F1 EXISTING TILE</div><div>F2 NEW CERAMIC TILE TO MATCH EXISTING <div>CT-1</div></div><div>F3 EXISTING LVT <div>LVT-1</div></div></div><div><div>BASE:</div><div>B1 RUBBER BASE</div></div><div><div>CEILING:</div><div>C1 EXISTING 2x2 SUSPENDED ACOUSTICAL PANELS</div><div>C2 NEW 2x2 SUSPENDED ACOUSTICAL PANELS <div>ACT-1</div></div><div>C3 EXPOSED STRUCTURE</div></div><div><div>WALLS:</div><div>W1 PAINTED GPDW (NEW/EXST)</div><div>W2 TILE BACKSPLASH / WAINSCOT <div>CT-2</div></div></div></div>						

Legend	
	TILE TO MATCH EXISTING <div>CT-1</div>
	EXISTING FLOORING TO REMAIN
	TILE WAINSCOT



A1 Room Finish Plan

Scale: 1/4"=1'-0"



REVISIONS	BY

These drawings are the property of W. Alan Kenson & Associates P.C., and may not be reproduced in any way without the written consent of W. Alan Kenson & Associates, P.C.



W. Alan Kenson & Associates, P.C.

P 928-443-5812

F 928-443-5815

email: waka@cableone.net

www.kenson-associates.com

P.O. Box 11593

Prescott, AZ 86304

ARCHITECTURE & PLANNING

DRAWING: Room Finish Plan and Materials Schedule

PROJECT: ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ 86301

APN: 106-03-004

DRAWN BY L.O.
CHECKED BY W.A.K.
DATE April 26th, 2018
JOB. NO. 719
SHEET

A4.0

Specifications	
00 - PROCUREMENT AND CONTRACTING REQUIREMENTS	
00 70 00 - GENERAL CONDITIONS	
	General Conditions of the Contract for Construction, AIA Document A201, 2007 Edition, is made a part of the Construction Documents by reference. A copy of the referenced document is available for inspection at the office of the Architect.
01 - GENERAL REQUIREMENTS	
01 30 00 - ADMINISTRATIVE REQUIREMENTS	
Shop Drawings	One (1) paper copy of Shop Drawings and/or Catalog Cut Sheets and one (1) electronic file are to be submitted to the Architect for review and approval. The Architect will review the shop drawings and affix a stamp to the electronic file, indicating the findings of the review and return to the Contractor. The Contractor shall correct and resubmit as necessary. Required for all products and samples and materials to be included in the project.
Meetings	Contractor shall hold construction progress meetings at jobsite every other week. Representatives from owner, architect, contractor, and any relative subcontractor or suppliers shall attend. Contractor shall take minutes of the meetings and distribute to all attendees.
Portable Toilet Facility	Contractor to maintain portable toilet facility throughout construction period.
Dumpster	Contractor to provide dumpster throughout construction period.
Samples	Three (3) samples of each color or style of the products to be submitted to the Architect.
01 50 00 - TEMPORARY FACILITIES AND CONTROLS	
Designated Areas	Owner shall provide designated areas for the contractor's employee parking, material storage and staging. Contractor shall control his employees, sub-contractors and material suppliers from parking in un-designated areas.
Protection	Contractor shall take All necessary precautionary measures to protect their work and ensure the safety of workmen, public and property. Neither the Owner nor Architect shall have any responsibility or control of construction means, methods, techniques, sequences or procedures affecting job-site safety, or for safety precautions and programs. contractor shall legally defend and hold harmless the Owner and Architect from all such claims.
Contractor's Responsibility	The Contractor shall supervise and direct the work, and be solely responsible for and have control over all methods, techniques and procedures necessary for the proper execution of the work. Where the work of this agreement affects owner's utilities, fire alarm, fire suppression or controls systems, the contractor shall give the owner a minimum of 24 hours advance notice. The Contractor shall supervise and direct the work, and be solely responsible for and have control over all methods, techniques and procedures necessary for the proper execution of the work. Where the work of this agreement affects owner's utilities, fire alarm, fire suppression or controls systems, the contractor shall give the owner a minimum of 24 hours advance notice. The Contractor shall be responsible to the owner for the acts and omissions of the Contractor's employees, agents, sub-contractors, and their agents, employees, and other persons performing portions of the work under a contract with the Contractor to the fullest extent permitted by law. The Contractor shall indemnify and hold harmless the Owner, the Owner's consultants, agents and employees of any of them from and against claims, damages, losses and expenses including but not limited to attorney's fees arising out of or resulting from performance of the work, provided that such claim damages, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury or destruction of tangible property other than the work itself, including loss of use resulting therefrom, but only to the extent caused in whole or in part by negligent acts or omissions of the contractor, a sub-contractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable regardless of whether or not such damage, claim, loss or expense is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge or reduce other rights or obligations of indemnity which would otherwise exist as to a party or person described in this paragraph.

Material	The Contractor warrants that unless otherwise specified, all materials and equipment shall be new, free from defects, suitable for the intended purpose, and in conformance with laws in effect on the date of this agreement.
Substitution	Substitution of any materials or manufacturer requires prior approval by architect. Refer to owner's bidding general conditions for question timeline.
01 70 00 - EXECUTION REQUIREMENTS	
General	Contractor shall field verify all existing conditions and lay out all of the work prior to starting construction on any part of the work. As a minimum contractor shall verify: <ul style="list-style-type: none">- all dimensions, both horizontal and vertical- Utility locations, buried and overhead- existing conditions affecting this project
Conflicts	If Contractor discovers an existing condition which differs from that shown (or is not shown), Contractor shall immediately notify the Architect.
Cutting and Demolition	In all cases, exercise extreme care in cutting operations and perform such operations under adequate supervision by competent mechanics skilled in the applicable trade. Openings shall be neatly cut and shall be kept as small as possible to avoid unnecessary damage. careless and/or avoidable cutting damage, etc. will not be tolerated and the contractor will be held responsible for such avoidable or willful damage.
Patching and Refinishing	All replacing, patching and repairing of materials and surfaces cut or damaged in the execution of the work shall be performed by experienced mechanics of the specific trades involved. Such repairing and/or patching shall be done with the applicable materials in a manner that all surfaces so replaced, etc. will, upon completion of the work, match the surrounding similar surfaces.
Locations	Walls - paint all affected walls, interior and exterior from corner to corner. (e.g. if you install a door in an existing frame, you need only to paint the door and frame, but if you install a door and frame, paint the entire wall to match existing) Gypsum wall board ceilings - Paint the entire ceiling of the room affected. (e.g. if anything is installed in/on/through the ceiling of a room, paint the ceiling of that room) Roofs - Replace portion of roof covering as required to flash new assembly. If roof warranty is still in effect, Contractor issuing warranty shall perform the required work. All patching and refinishing will be performed in a manner such that at the completion of the work, it shall not be obvious where an item was removed from, or added to.
Disposal	Remove all materials noted on the drawings and all miscellaneous materials which will be rendered useless with removal of the item noted. Unless specifically noted otherwise, materials shall become the property of the contractor and shall be removed from the site in a legal and safe manner. Patch and repair all adjacent surfaces such that at the completion of the work, it shall not be obvious where an item was removed from or added to. Final appearance shall be totally acceptable to the owner. Contractor shall provide and maintain his own trash receptacles, unless specifically directed otherwise. All surplus materials become the property of the contractor. Remove all trash, rubbish and surplus materials from the site and dispose of in a legal and safe manner.
As-Builts	Contractor shall maintain a clean set of drawings at the job site that is specifically set aside for recording: <ul style="list-style-type: none">- all differences between the work as shown on the drawings and the work installed.- All work added or deleted during the course of construction- Exact measurements of all buried and/or concealed work (e.g. conduit below slab, conduit and data cable below raised platforms, conduit in walls etc.) All recordings shall be neat and legible. Stamp this set of drawings 'As-Built drawings' and list as a minimum, the name, address and telephone number of the General Contractor and all major sub-contractors. (e.g. electrical, HVAC, etc.) At the completion of the project as prerequisite for final payment, Contractor shall turn these as-builts over to the owner.
Final Cleaning	After the construction of each phase and before occupancy, thoroughly clean the space by dusting the sills, washing windows, vacuuming the carpet and replace all HVAC filters. Clean site areas of any refuse created in the scope of work.

03 - CONCRETE	
03 30 00 CAST-IN-PLACE-CONCRETE	
General	Refer to general structural notes on the engineering drawings. Shall supersede this section.
Mix Design	Concrete Mix # 160X109 in Winter and #160X149 in Summer as produced by Hanson products.
	Curing compound provided on all slabs per ACI and ASTM specifications.
06 40 00 - ARCHITECTURAL WOODWORK	
General	The installation of all architectural woodwork and casework shall comply with premium grade per AWI specifications. This section also includes natural stone, engineered stone, recycled glass and all materials associated with millwork.
Custom Casework	Case or millwork specified as receiving a painted finish should be limited to lower cost species (birch, poplar, etc...). All cabinet and millwork tops, sides, dividers, shelving, etc., shall be 3/4" minimum stock. Stained veneer materials shall conform to AWI custom grade, minimum thickness 1/16". Doors and drawer fronts shall be 3/4" minimum core stock. Drawer boxes shall be 1/2" minimum with minimum 1/4" plywood bottoms. Cabinet tops should be of sufficient height to comply with minimum disabled accessibility requirements. Most shelving should be designed as fully adjustable, 3/4" minimum thickness. "line bore and pin" method of shelving adjustment (either in cabinets or standing shelving) is desired. Shelf standards mortised in with brackets is also acceptable. All millwork and accessory hardware shall comply with ANSI A156.9, minimum quality level type 2 (Institutional). Hinges, guides, slides, etc., shall utilize bearings complying with BHMA 201. All cabinet hinges should be self-closing. Drawer slides should allow full extension (1" longer than total drawer depth) and be specified as heavy duty (100 lb minimum), Blum or approved alternate. The use of painted particleboard as the finish for cabinets and tops is not acceptable. Particleboard is allowable as core stock in low/no moisture areas when receiving a high-pressure plastic laminate finish. Particleboard is not an acceptable material for shelving with greater than a 2 foot unsupported span. The use of melamine or other similar low mill finishes (less than .020") as interior cabinet lining or underside of shelving is not acceptable. Melamine thermo fused 3/4" is acceptable for interior finish of cabinets only. All exposed cabinetry hardware should be specified with a permanent, durable finish that is easily cleanable. Cabinet pulls 4" brushed aluminum wire. All countertops designed as work surfaces shall be of an appropriate height to accommodate the physically disabled. Restroom counter tops for lavatories will be composite material open on bottom with self-rimming sinks. Sheet mirror mounted full length of wall above top. Top manufacturer to cut lavatory openings in top to dimensions supplied by the plumber. All millwork designed to support electrical equipment (computers, phones, clocks, etc....) shall have grommet openings allowing cords, interconnect cables, etc., to be concealed or routed internally. Grommets shall be 2-1/2" minimum diameter plastic, color to match adjacent finish. Grommet holes are to be drilled don-site b cabinet installer after equipment layout is determined by IT staff who will mark appropriate locations. Refer to materials & finish schedule for finishes.
08 - OPENINGS	
08 11 00 - METAL DOORS & FRAMES	
General	Provide 16 gauge hollow metal doors with 14 gauge hollow metal frames as shown on the drawings per steel door institute standards.

09 - FINISHES	
09 29 00 - GYPSUM BOARD	
General	Installation and application of materials to be in accordance with the latest printed instructions of the U.S. gypsum company or approved equal. After finishing, make joints invisible. No gaps or voids between gypsum board units or between drywall and adjacent work unless otherwise detailed. Not more than 1/8" in 10'-0" deviation from true plane, plumb and level in finished work.
Gypsum Board	ASTM C 36; regular types except where special types are required. Minimum 5/8" thick. Texture: Light Skip Trowel.
09 30 00 - TILE	
General	Install porcelain / ceramic tile as indicated on the drawings and in strict accordance with manufacturer's recommended instructions.
09 90 00 - PAINTING	
General	Painting products shall be specified from Sherwin Williams.
Paint Specification	Interior Drywall: 1. Primer to be one coat of PVA Drywall primer and sealer, white 2. Finish to be two coats of ProMar 200 Zero VOC Interior Latex, Eggshell Hollow Metal Door and Frames: 1. Primer to be one coat of B66W00310-Pro Industrial Pro-Cryl Universal Acrylic Primer, Off White 2. Finish to be two coats of A76W00051 Solo Int/Ext 100% Acrylic Semi-Gloss

REVISIONS	BY

These drawings are the property of W. Alan Kenson & Associates P.C., and may not be reproduced in any way without the written consent of W. Alan Kenson & Associates, P.C.



W. Alan Kenson & Associates, P.C.

P 928-443-5812

F 928-443-5815

P.O. Box 11593

Prescott, AZ 86304

email: waka@cableone.net

www.kenson-associates.com

ARCHITECTURE & PLANNING

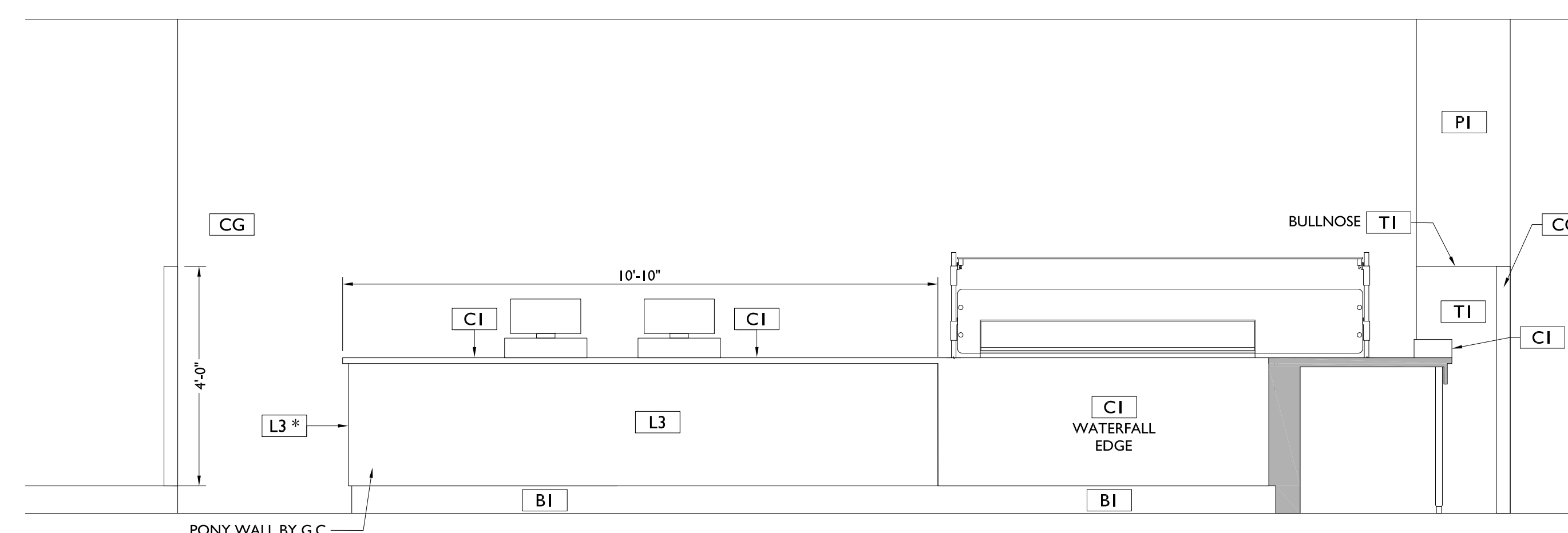
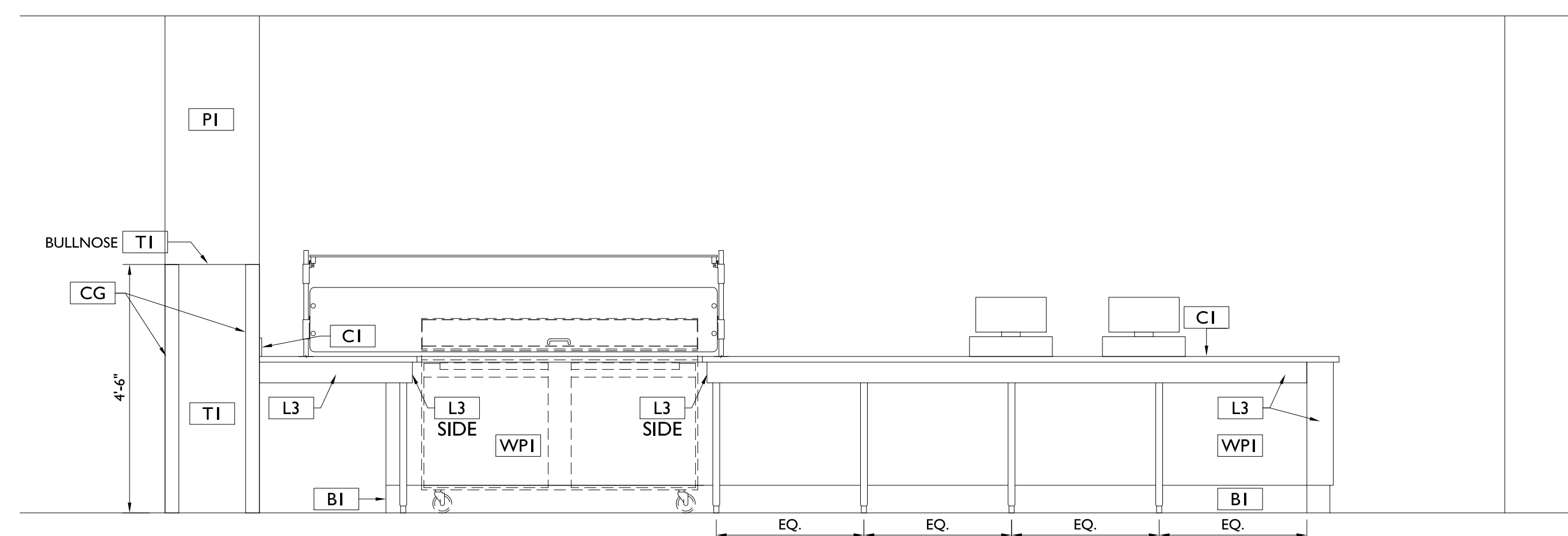
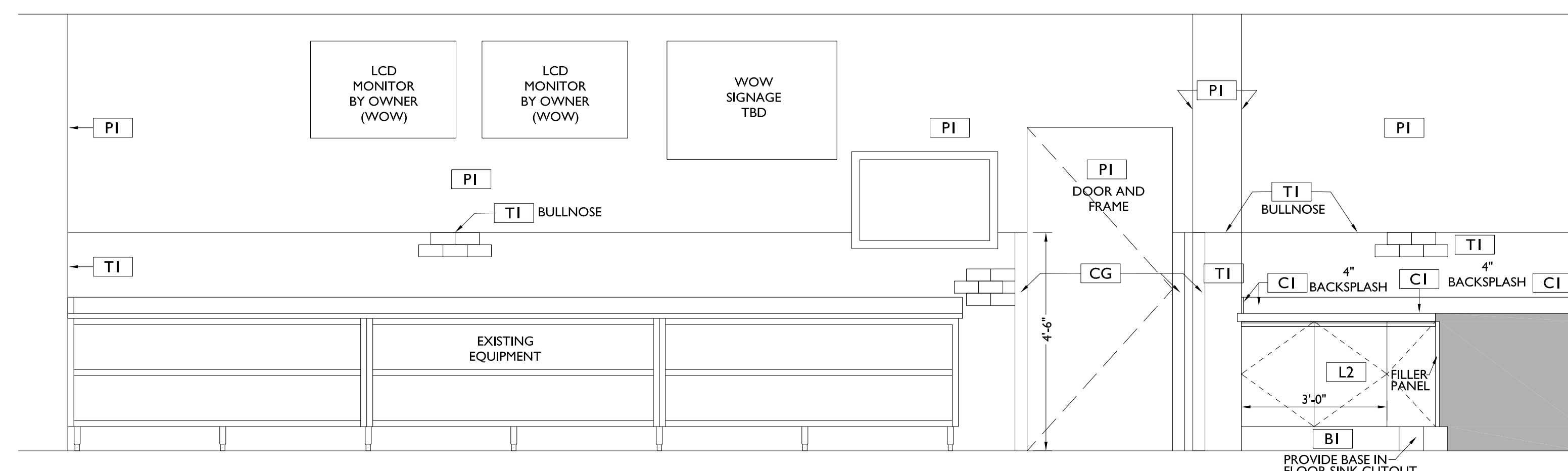
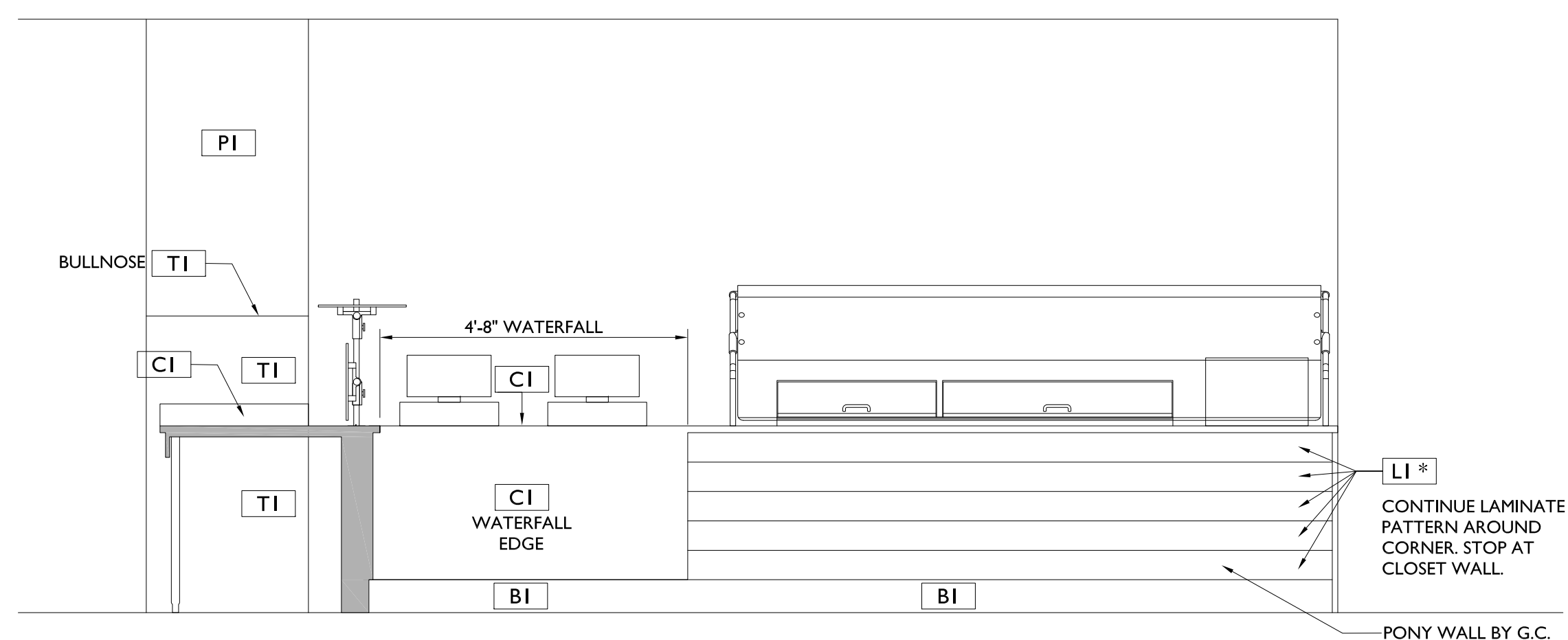
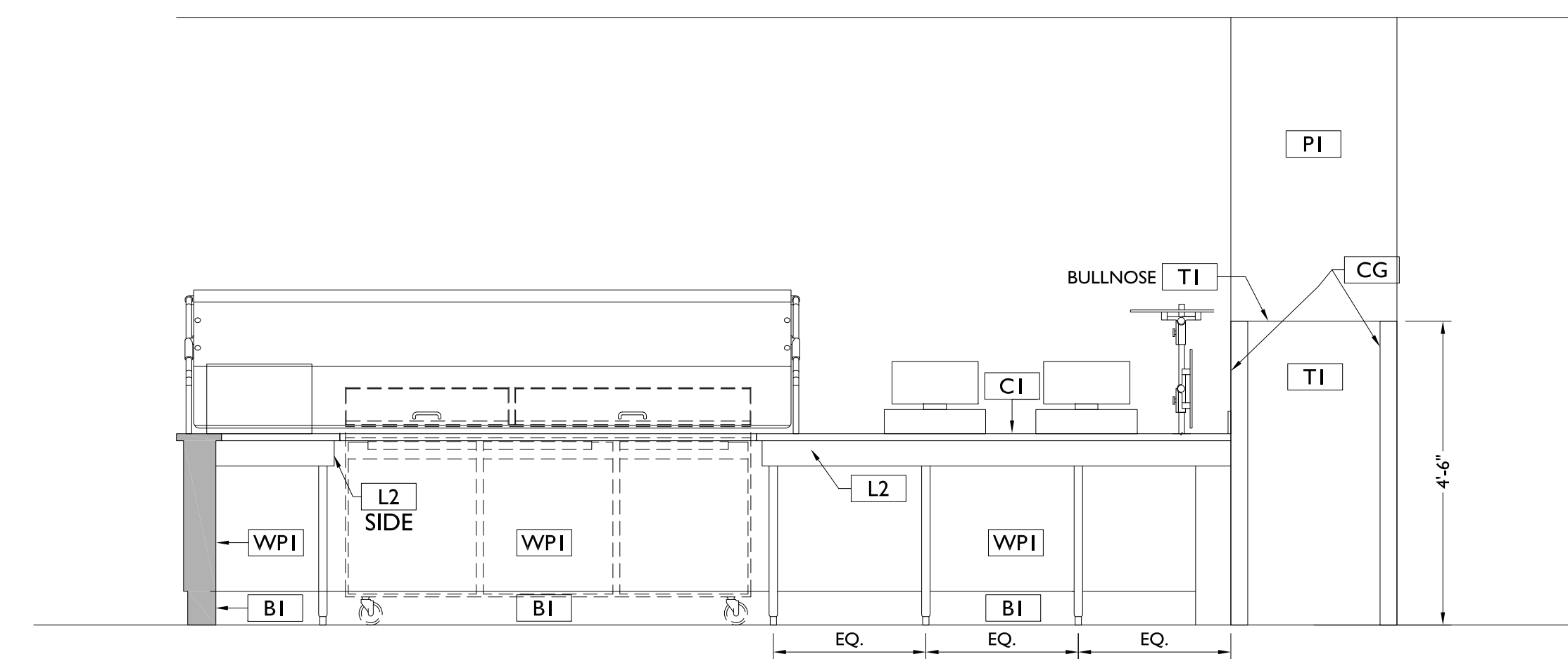
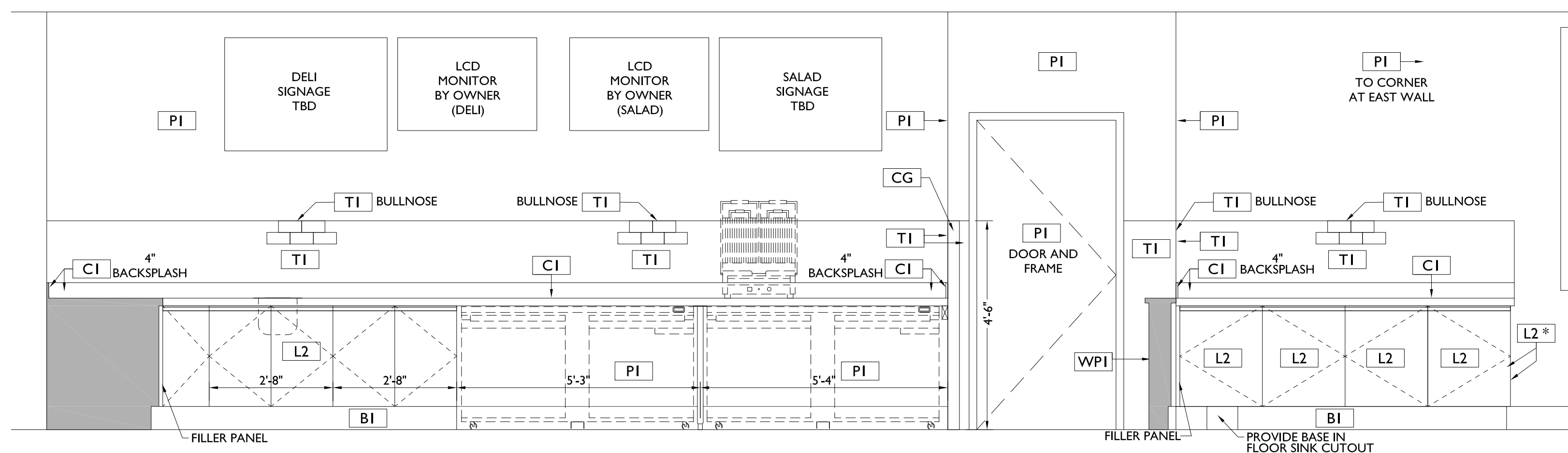
DRAWING: Specifications

PROJECT: ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ. 86301

APN: 106-03-004

DRAWN BY L.O.
CHECKED BY W.A.K.
DATE April 26th, 2018
JOB NO. 719
SHEET

A5.0



REVISIONS	BY

These drawings are the property of
W. Alan Kenson & Associates P.C.,
and may not be reproduced in any
way without the written consent of
W. Alan Kenson & Associates, P.C.

W. Alan Kenson & Associates, P.C.



P 928-443-5812
F 928-443-5815
P.O. Box 11593
Prescott, AZ 86304
email: waka@cableone.net
www.kenson-associates.com

www.kenson-associates.com
ARCHITECTURE & PLANNING

DRAWING: INTERIOR AND MILLWORK ELEVATIONS

PROJECT: ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ, 86301

APN: 106-03-004
Prescott, AZ

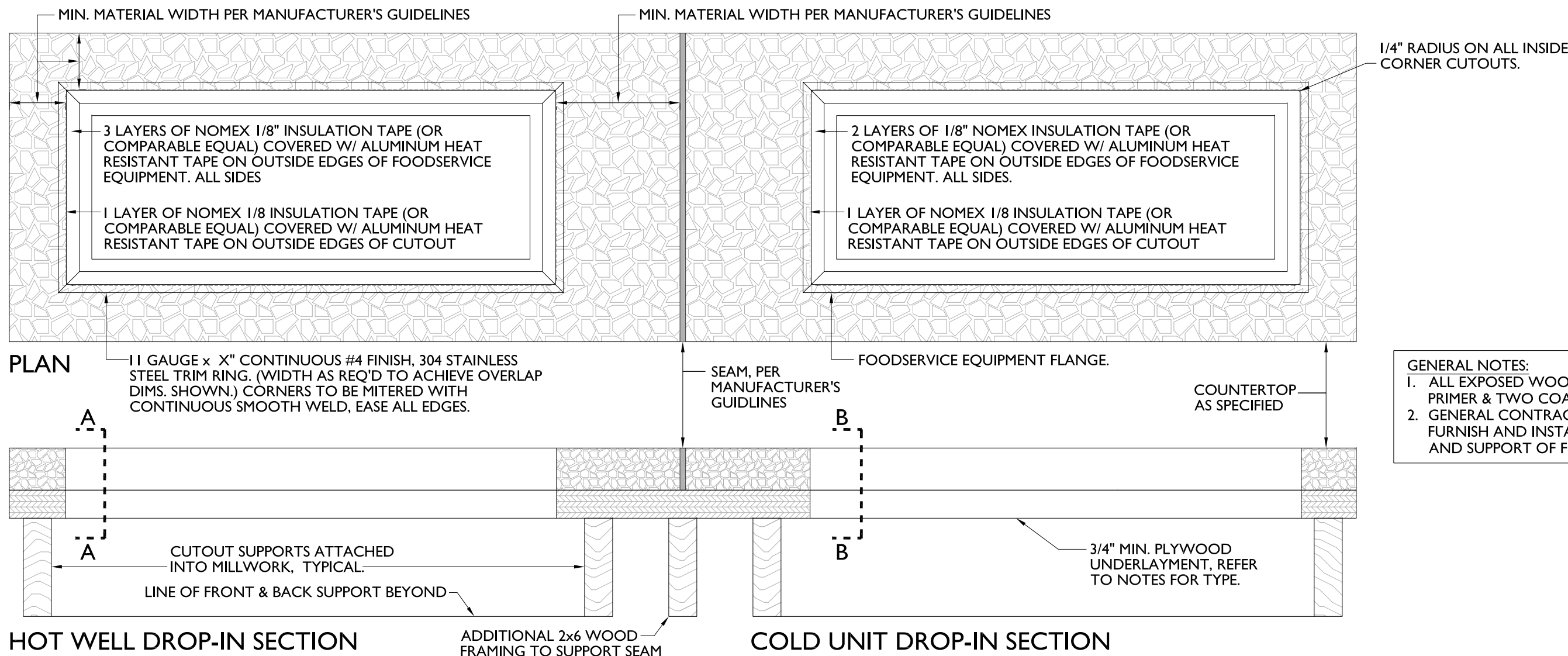
DRAWN BY
CHECKED BY
DATE
April 26, 2018
JOB NO.
719
SHEET

KA-

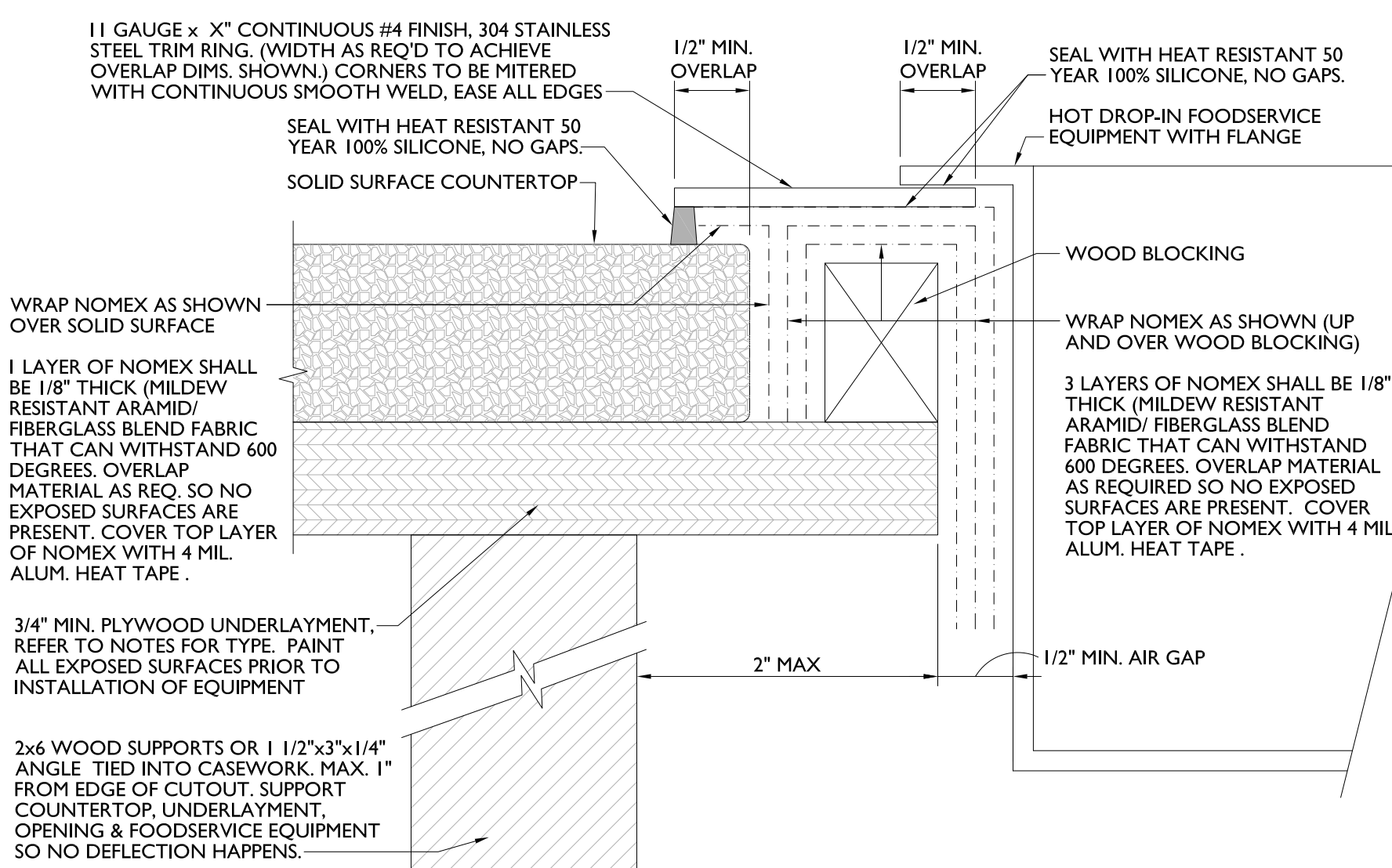
Apr 26, 2018 - 2:10pm

X_c

Xcelerated Concepts, LLC
325 Mill St. Suite 101
Danville, PA 17821
T 570.275.6130 F 570.275.6841

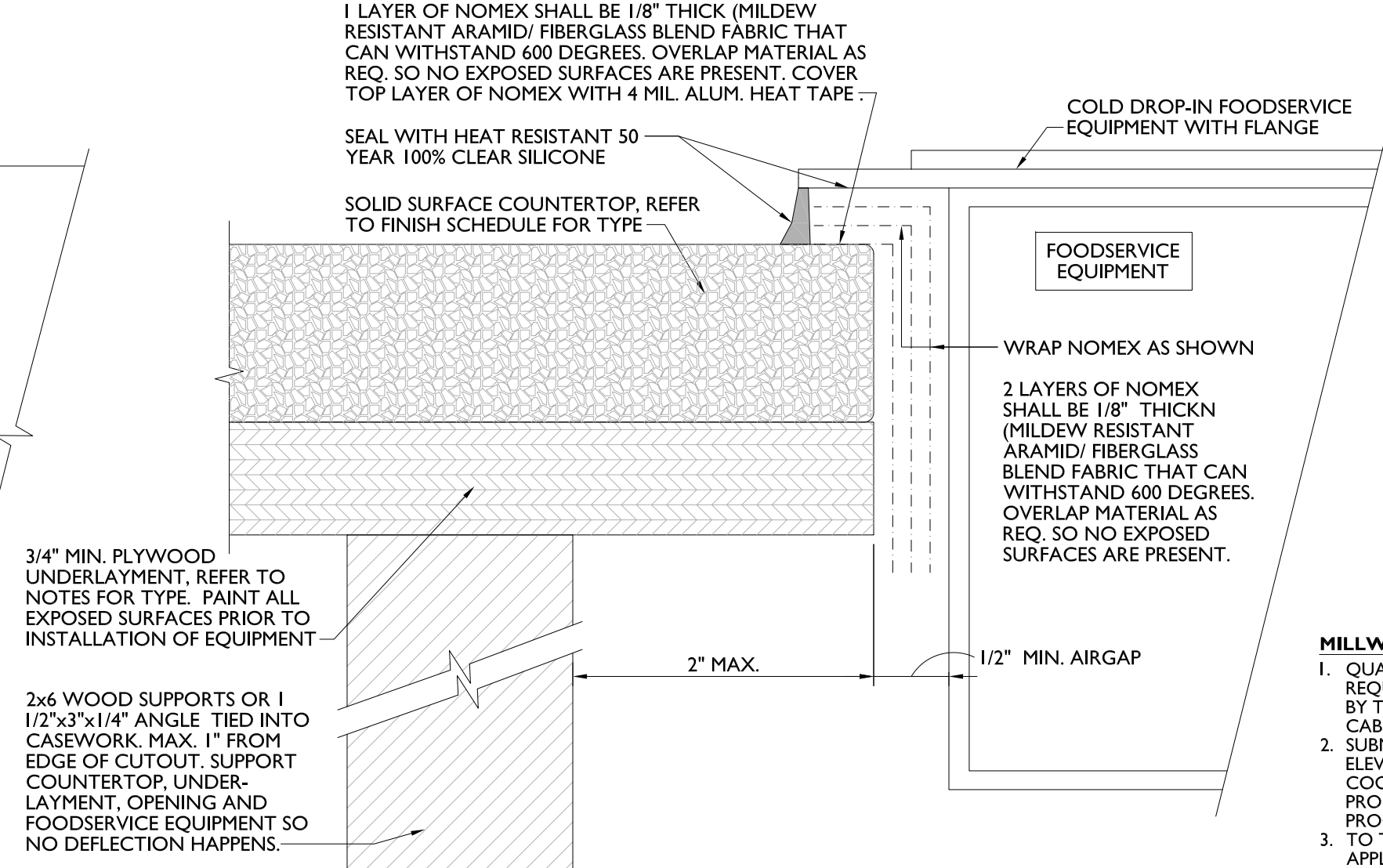


TYPICAL EQUIPMENT CUTOUT DETAILS - NTS



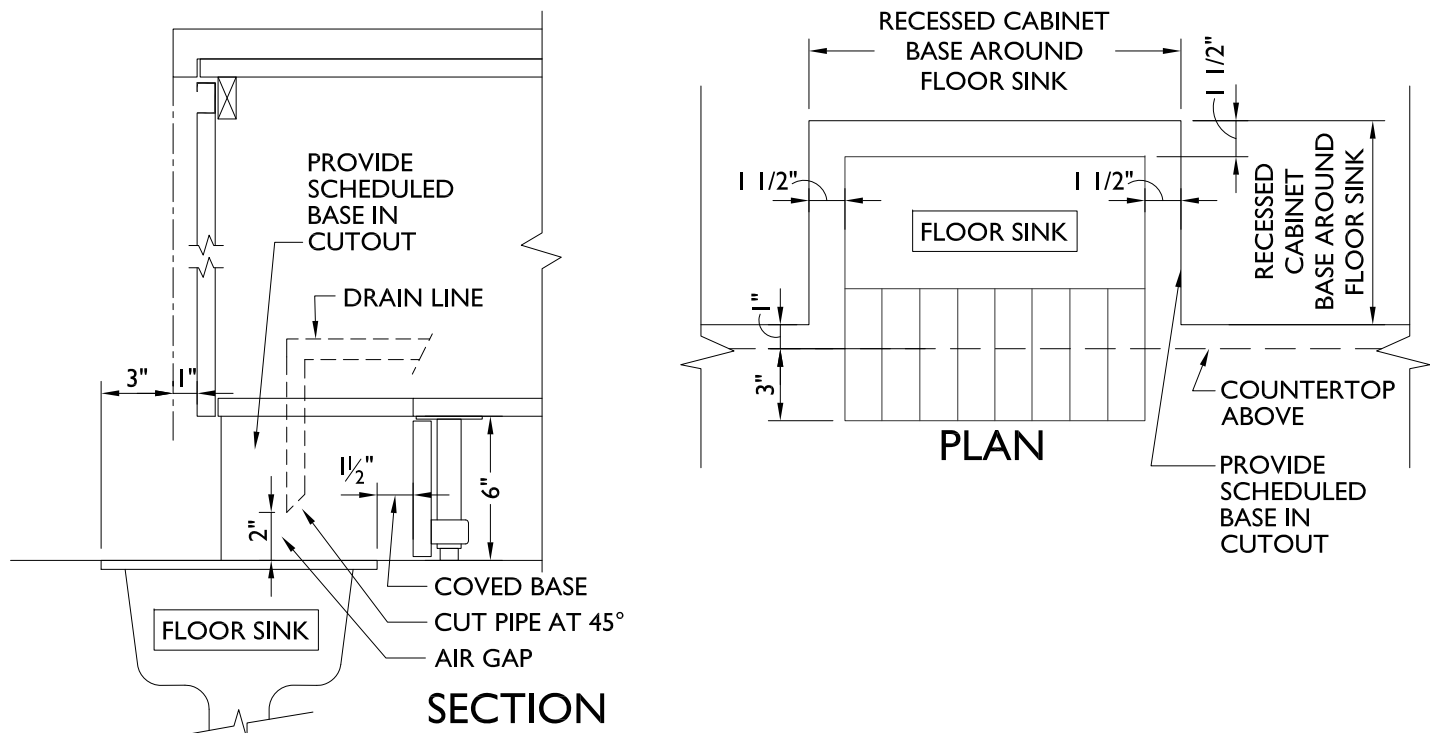
GENERAL NOTES:
1. ALL EXPOSED WOOD TO BE PAINTED WITH A PRIMER & TWO COATS OF NSF APPROVED PAINT.
2. GENERAL CONTRACTOR TO COORDINATE, FURNISH AND INSTALL ALL REQUIRED INSULATION AND SUPPORT OF FOODSERVICE EQUIPMENT.

SECTION A - TYPICAL EQUIPMENT HEATED UNIT DROP-IN CUTOUT SECTION - FULL SCALE



GENERAL NOTES:
1. ALL EXPOSED WOOD TO BE PAINTED WITH A PRIMER & TWO COATS OF NSF APPROVED PAINT.
2. GENERAL CONTRACTOR TO COORDINATE, FURNISH AND INSTALL ALL REQUIRED INSULATION AND SUPPORT OF FOODSERVICE EQUIPMENT.

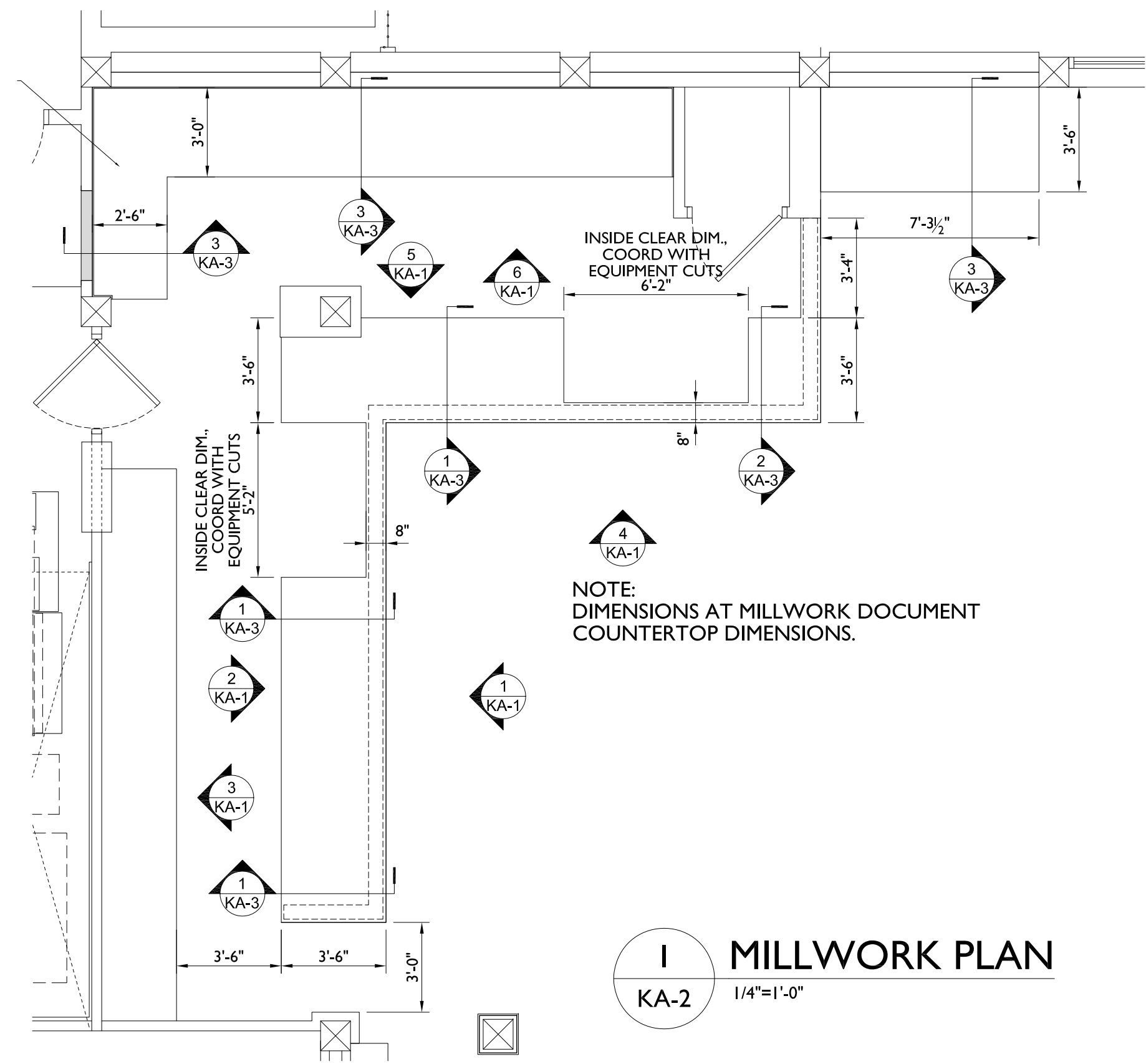
SECTION B - TYPICAL EQUIPMENT COLD UNIT DROP-IN CUTOUT SECTION - FULL SCALE



2 MILLWORK FLOOR DRAIN DETAIL
KA-2 1/4\"/>

GENERAL NOTES:
1. ALL EXPOSED WOOD TO BE PAINTED WITH A PRIMER & TWO COATS OF NSF APPROVED PAINT.
2. GENERAL CONTRACTOR TO COORDINATE, FURNISH AND INSTALL ALL REQUIRED INSULATION AND SUPPORT OF FOODSERVICE EQUIPMENT.

NOTE:
SEE FLOOR SINK DETAIL 2/KA-2.



MILLWORK GENERAL NOTES:
1. QUALITY ASSURANCE FOR ARCHITECTURAL WOODWORK, COMPLY WITH APPLICABLE REQUIREMENTS OF "ARCHITECTURAL WOODWORK STANDARDS 2014 EDITION (AW)" PUBLISHED BY THE ARCHITECTURAL WOODWORK INSTITUTE (AWI). FOR LAMINATE CLAD CABINETRY/MILLWORK COMPLY WITH AW SECTION 400 AND ITS DIVISION 400B.
2. SUBMIT SHOP DRAWINGS SHOWING LOCATION OF EACH UNIT, DIMENSIONED PLANS AND ELEVATIONS, LARGE SCALE DETAILS, ATTACHMENT DEVICES AND OTHER COMPONENTS. COORDINATE/VERIFY ALL DIMENSIONS FOR ALL DROP-IN EQUIPMENT AND SNEEZE GUARDS FOR PROPER FIT. COORDINATE OPENINGS WITH EQUIPMENT CUT-SHEETS AND DETAILS. BEFORE PROCEEDING WITH FABRICATION COORDINATE/VERIFY ALL DIMENSIONS IN FIELD.
3. TO THE MAXIMUM EXTENT POSSIBLE, COMPLETE FABRICATION, ASSEMBLY, FINISHING, HARDWARE APPLICATION AND OTHER WORK IN SHOP PRIOR TO SHIPMENT TO THE PROJECT SITE. DISASSEMBLE COMPONENTS AS NECESSARY FOR SHIPMENT AND INSTALLATION.
4. CABINET GRADE SHALL BE PREMIUM; CABINET CONSTRUCTION SHALL BE OF FLUSH OVERLAY DESIGN WITH 1/8" SPACING BETWEEN DOORS AND DRAWERS.
5. WOOD MATERIALS:
a) COUNTERTOP UNDERLAYMENT TO BE MARINE GRADE PLYWOOD; MARINE, B-B, EXT-APA, 000, PSI-95
b) ALL OTHER CABINET COMPONENTS; A-B, G-1, EXPOSURE 1-APA, 000, PSI-95
NOTE: THE USE OF MDF, PARTICLE BOARD AND MELAMINE IS PROHIBITED
6. ALL WALL AND BASE CABINET COMPONENTS SHALL BE 3/4" THICK EXCEPT BOTTOM OF WALL CABINETS TO BE 1" THICK.
7. SHELVES SHALL BE 3/4" THICK FOR SPANS UP TO 27". 1" FOR SPANS LARGER THAN 27". ALL SHELVES TO BE ADJUST, UNLESS NOTED OTHERWISE. THE INTERIOR WALLS OF THE MILLWORK WITH ADJUSTABLE SHELVING HOLES NEED SHELF PIN SLEEVES TO COVER ALL SHELVING HOLES.
8. ALL JOINTS SHALL BE GLUED, NAILED AND SCREWED TOGETHER. BACKS ARE TO BE INSET IN RABBETS OR DADOS.
9. ALL HINGES ARE TO BE EUROPEAN CABINET CONCEALED HYDRAULIC SOFT-CLOSING TYPE WITH AN OPENING ANGLE OF 120 DEGREES. HINGE AND MOUNTING PLATES TO BE FULLY ADJUSTABLE. PROVIDE 2 HINGES PER DOOR TO 48" HEIGHT, 3 HINGES OVER 48" IN HEIGHT.
10. ALL CABINET DRAWERS AND DOORS ARE TO BE WITHOUT LOCKS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
11. ALL MILLWORK PIECES TO FORM A CONTINUOUS UNIT, ANY VOIDS WITHIN THE UNIT ARE TO BE INFILLED WITH A FILLER PANEL THAT MATCHES THE ADJACENT SURFACES, BOTH IN MATERIAL AND COLOR.
12. ALL MILLWORK WITH EXPOSED CORNERS SHALL RECEIVE STAINLESS STEEL CORNER GUARDS. BASIS OF DESIGN IS C/S ACRYLYN, SERIES C-0-8 OR AS SPECIFIED, MOUNT WITH M1 STRUCTURAL ADHESIVE.
13. THERE SHALL BE NO EXPOSED WOOD ON ANY SURFACE OF THE MILLWORK. COORDINATE WITH FINISHES MILLWORK DETAILS AND FINISH DRAWINGS/SCHEDULE.
14. INSIDE CORNER BASE OR WALL CABINET DOOR HINGES SHALL BE LIMITED TO 90 DEGREES TO AVOID HITTING ADJACENT MILLWORK. PROVIDE FILLER/SCRIBE PANEL AS REQUIRED AT INSIDE CORNERS OF MILLWORK.
15. PROVIDE HORIZONTAL (TOP AND BOTTOM) FILLER PANELS WHERE THE REAR OF THE PANEL OF THE MILLWORK IS NOT FLUSH TO THE WALL.
16. PRIOR TO INSTALLATION OF MILLWORK, G.C. AND MILLWORK CONTRACTOR SHALL COORDINATE FINAL LOCATIONS OF MEP UTILITIES AND PIPE ENCLOSURES.
17. CONTRACTOR IS RESPONSIBLE FOR PROPER DESIGN AND SIZING OF SUB-STRUCTURE. COORDINATE WITH EQUIPMENT CUT-SHEETS FOR EQUIPMENT WEIGHTS.
18. PROVIDE NECESSARY BLOCKING AND/OR SUPPORT FOR THE ATTACHMENT OF EQUIPMENT OR ACCESSORIES IE. SNEEZE GUARDS, POT RACK, DECORATIVE PANELS, ETC.
19. PROTECT WOODWORK DURING TRANSPORT, DELIVERY, STORAGE & HANDLING TO PREVENT DAMAGE, SOILING AND DETERIORATION. DO NOT DELIVER WOODWORK UNTIL PAINTING, WET WORK, GRINDING AND SIMILAR OPERATIONS WHICH COULD DAMAGE, SOIL OR DETERIORATE WOODWORK HAVE BEEN COMPLETED IN INSTALLATION AREAS. IF DUE TO UNFORESEEN CIRCUMSTANCES, WOODWORK MUST BE STORED IN OTHER THAN INSTALLATION AREAS, STORE ONLY IN AREAS MEETING REQUIREMENTS SPECIFIED FOR INSTALLATION AREAS.
20. INSTALLER SHALL ADVISE CONTRACTOR OF TEMPERATURE AND HUMIDITY REQUIREMENTS FOR WOODWORK INSTALLATION AREAS. DO NOT INSTALL WOODWORK UNTIL REQUIRED TEMPERATURE AND RELATIVE HUMIDITY HAVE BEEN STABILIZED AND WILL BE MAINTAINED IN INSTALLATION AREAS. MAINTAIN TEMPERATURE AND HUMIDITY IN INSTALLATION AREA AS REQUIRED TO MAINTAIN MOISTURE CONTENT OF INSTALLED WOODWORK WITHIN A 1.0% TOLERANCE OF OPTIMUM MOISTURE CONTENT, FROM DATE OF INSTALLATION THROUGH REMAINDER OF CONSTRUCTION PERIOD. THE FABRICATOR OF WOODWORK SHALL DETERMINE THE OPTIMUM MOISTURE CONTENT AND REQUIRED TEMPERATURE AND HUMIDITY CONDITIONS.

21. SECURE CABINETS TO ANCHORS OR BLOCKING BUILT-IN OR DIRECTLY ATTACHED TO SUBSTRATES. SECURE WITH COUNTERSUNK, CONCEALED FASTENERS AND BLIND NAILING. PROVIDE FURRING, BLOCKING, SHIMS, HANGING STRIPS, ETC. AS REQUIRED FOR PROPER INSTALLATION. USE FINE FINISHING NAILS OR FINISHING SCREWS FOR EXPOSED FASTENING, COUNTERSUNK AND FILLED FLUSH WITH WOODWORK.
22. ALL FREE-STANDING MILLWORK TO BE ANCHORED SECURELY TO THE CONCRETE SLAB. FOR ALL ANCHORS SELECT MATERIAL, TYPE, SIZE, AND FINISH REQUIRED FOR EACH SUBSTRATE FOR SECURE ANCHORAGE. PROVIDE METAL EXPANSION SLEEVES OR EXPANSION BOLTS FOR POST-INSTALLED ANCHORS. USE NONFERROUS-METAL OR HOT-DIP GALVANIZED ANCHORS AND INSERTS AT INSIDE FACE OF EXTERIOR WALLS AND AT CONCRETE FLOORS.
23. INSTALL CABINETS LEVEL, PLUMB, TRUE, AND STRAIGHT. SHIM AS REQUIRED WITH CONCEALED SHIMS. INSTALL LEVEL AND PLUMB WITH NO MORE THAN 1/8" IN 96" SAG, BOW, OR OTHER VARIATION FROM A STRAIGHT LINE.
24. ALL CABINETS SHALL BE INSTALLED WITHOUT DISTORTION SO DOORS AND DRAWERS FIT OPENINGS PROPERLY AND ARE ACCURATELY ALIGNED. ADJUST HARDWARE TO CENTER DOORS AND DRAWERS IN OPENINGS AND TO PROVIDE UNOBSTRUCTED OPERATION. COMPLETE INSTALLATION OF HARDWARE AND ACCESSORY ITEMS AS INDICATED.
25. FASTEN WALL CABINETS THROUGH BACK, NEAR TOP AND BOTTOM, AND AT ENDS NOT MORE THAN 16" O.C. WITH NO. 10 WATER-HEAD SCREWS SIZED FOR NOT LESS THAN 1-1/2" PENETRATION INTO WOOD FRAMING, BLOCKING, OR HANGING STRIPS OR NO. 10 WATER-HEAD SHEET METAL SCREWS THROUGH METAL BACKING OR METAL FRAMING BEHIND WALL FINISH.
26. CAULK ALL JOINTS BETWEEN CABINETS, FILLERS, COUNTERTOPS (UNDER COUNTERTOPS AS WELL), AND ADJACENT SUCH AS WALLS AND FASCIAS.
27. ALL EXPOSED WOOD NOT SCHEDULED TO BE LAMINATED OR HAVE FRP SHALL BE PAINTED WITH A PRIMER & TWO COATS OF NSF APPROVED PAINT.
28. CONTRACTOR SHALL WARRANT ALL MILLWORK INCLUDING COUNTERTOPS FROM DELAMINATION, CRACKING, SPLITTING, OR FAILING TWO (2) YEARS FROM DATE OF SUBSTANTIAL COMPLETION OR CERTIFICATE OF OCCUPANCY ISSUANCE DATE.

GENERAL COUNTERTOP NOTES:
1. MAINTAIN A 1/2" MINIMUM GAP BETWEEN PRODUCT AND EDGE OF CUTOUT TO ALLOW FOR EXPANSION/CONTRACTION OF THE VESSEL OR TRAY. SEE DETAILS.
2. PROVIDE A 1/8" RADIUS TOP/BOTTOM ON ALL EDGES (INCLUDING EQUIPMENT CUTOUTS), UNLESS NOTED OTHERWISE ON THE DRAWINGS.
3. PROVIDE A 1/4" RADIUS ON ALL INSIDE CORNER CUTOUTS.
4. PROVIDE 3/4" MINIMUM RADIUS AT COUNTERTOP CORNERS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
5. SMOOTH THE INTERIOR OF THE CUTOUT TO REMOVE CHATTER OR CHIPPING. MINIMUM 120 DIAMOND GRIT.
6. MAINTAIN A MINIMUM 2" SEPARATION BETWEEN CUTOUTS.
7. PROVIDE SUPPORT FOR THE CUTOUT WITHIN 2" OF THE CUTOUT'S EDGE. SEE DETAILS.
8. SURFACE SEAMS TO BE FLEXIBLE EXPANSION JOINTS A MINIMUM OF 1/8" FILLED WITH NSF APPROVED 100% SILICONE.
9. HOT & COLD WELLS TO BE SEPARATED BY A MINIMUM OF 12" BETWEEN CUTOUTS.
10. INSULATION WERE REQUIRED IS TO BE NOMEX (OR APPROVED EQUAL) 1/8" THICK EACH WITH A MINIMUM WEIGHT OF 95 OZ/YD² LAYER. WRAP TOP LAYER OF INSULATION WITH A 4-MIL ALUMINUM HEAT TAPE. NOTE: DO NOT ALLOW ALUMINUM HEAT TAPE TO CONTACT ANY SOLID SURFACE COUNTERTOP SURFACES AS THIS CREATES A CONNECTION POINT ALLOWING HEAT TO PASS TO THE COUNTERTOP.
11. PROVIDE A MINIMUM 1/8" AIR GAP AROUND COLUMNS, POSTS, AND/OR BRACKETS WHICH WILL PENETRATE THE COUNTERTOP. SUCH PENETRATIONS INCLUDE, BUT ARE NOT LIMITED TO, SNEEZE GUARDS, DIVERS, HEAT LAMPS, ETC. THESE ARE NOT TO BE ATTACHED OR SECURED TO THE COUNTERTOPS BUT RATHER THEY MUST BE ANCHORED TO THE PLYWOOD UNDERLAYMENT OR SUPPORT STRUCTURE.
12. PROVIDE UTILITY HOLE IN COUNTERTOP AND GROMMET FOR FOODSERVICE EQUIPMENT AS REQUIRED. FINAL LOCATION OF HOLES TO BE COORDINATED IN FIELD WITH FOODSERVICE EQUIPMENT SET IN FINAL PLACE WITH OPERATIONS TEAM FOR FINAL APPROVAL. SUBMIT GROMMET COLOR SAMPLES FOR ARCHITECT'S COLOR SELECTION.
13. CONTRACTOR SHALL WARRANT ALL COUNTERTOPS FROM DELAMINATION, CRACKING, SPLITTING, OR FAILING TWO (2) YEARS FROM DATE OF SUBSTANTIAL COMPLETION OR CERTIFICATE OF OCCUPANCY ISSUANCE DATE.

REVISIONS	BY

These drawings are the property of W. Alan Kenson & Associates P.C., and may not be reproduced in any way without the written consent of W. Alan Kenson & Associates, P.C.

W. Alan Kenson & Associates, P.C.



P 928-443-5812
F 928-443-5815
email: waka@cableone.net
www.kenson-associates.com

ARCHITECTURE & PLANNING

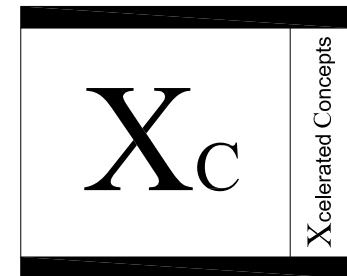
DRAWING: MILLWORK PLAN AND GENERAL NOTES

ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ 86301

PROJECT:

APN:

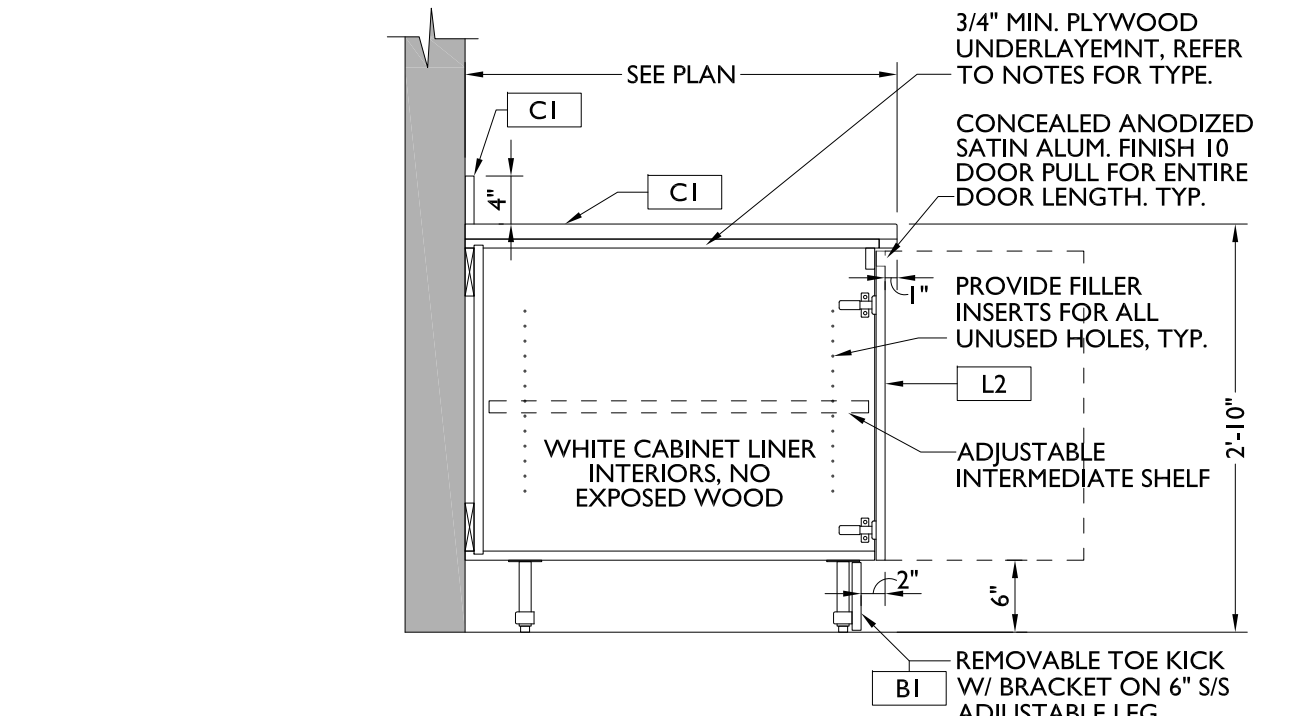
DRAWN BY
CHECKED BY
DATE April 26, 2018
JOB NO. 719
SHEET



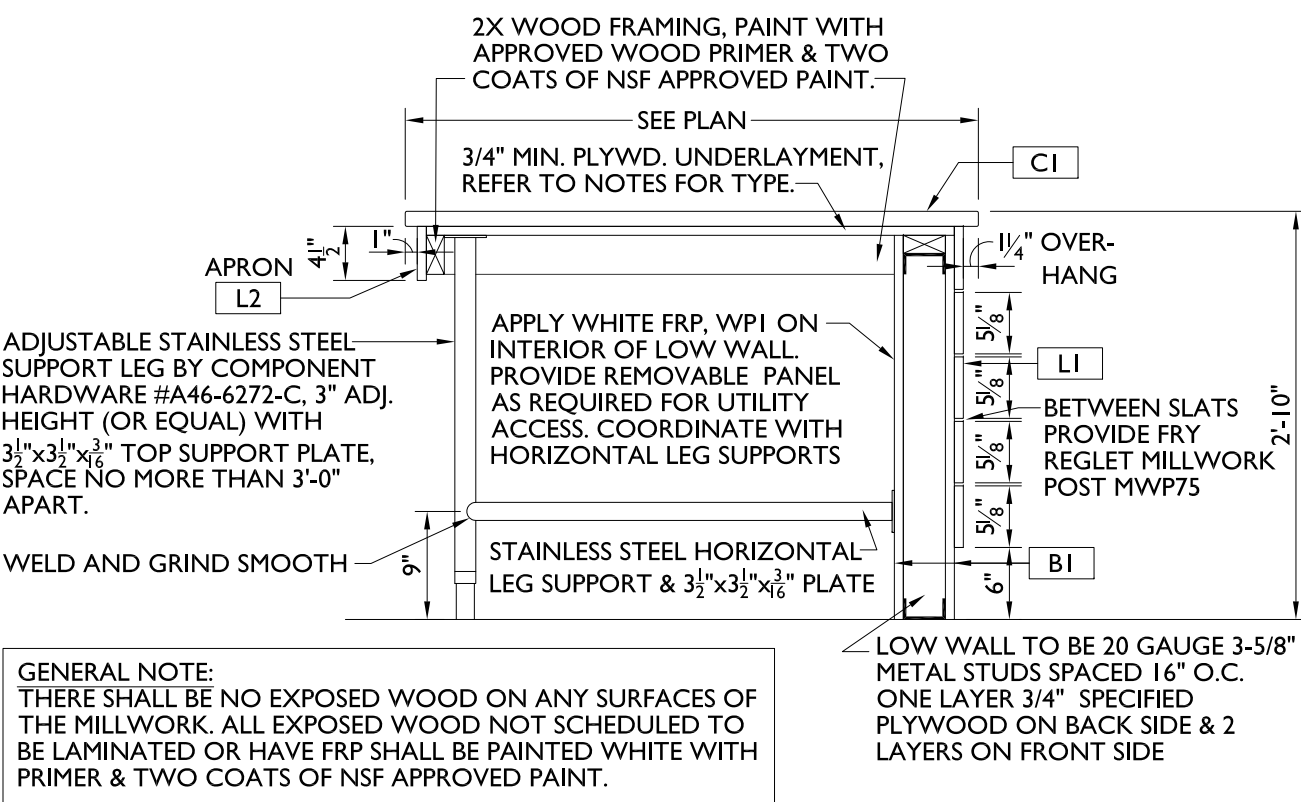
Xcelerated Concepts, LLC
325 Mill St. Suite 101
Danville, PA 17821
T 570.275.6130 F 570.275.6841

KA-2

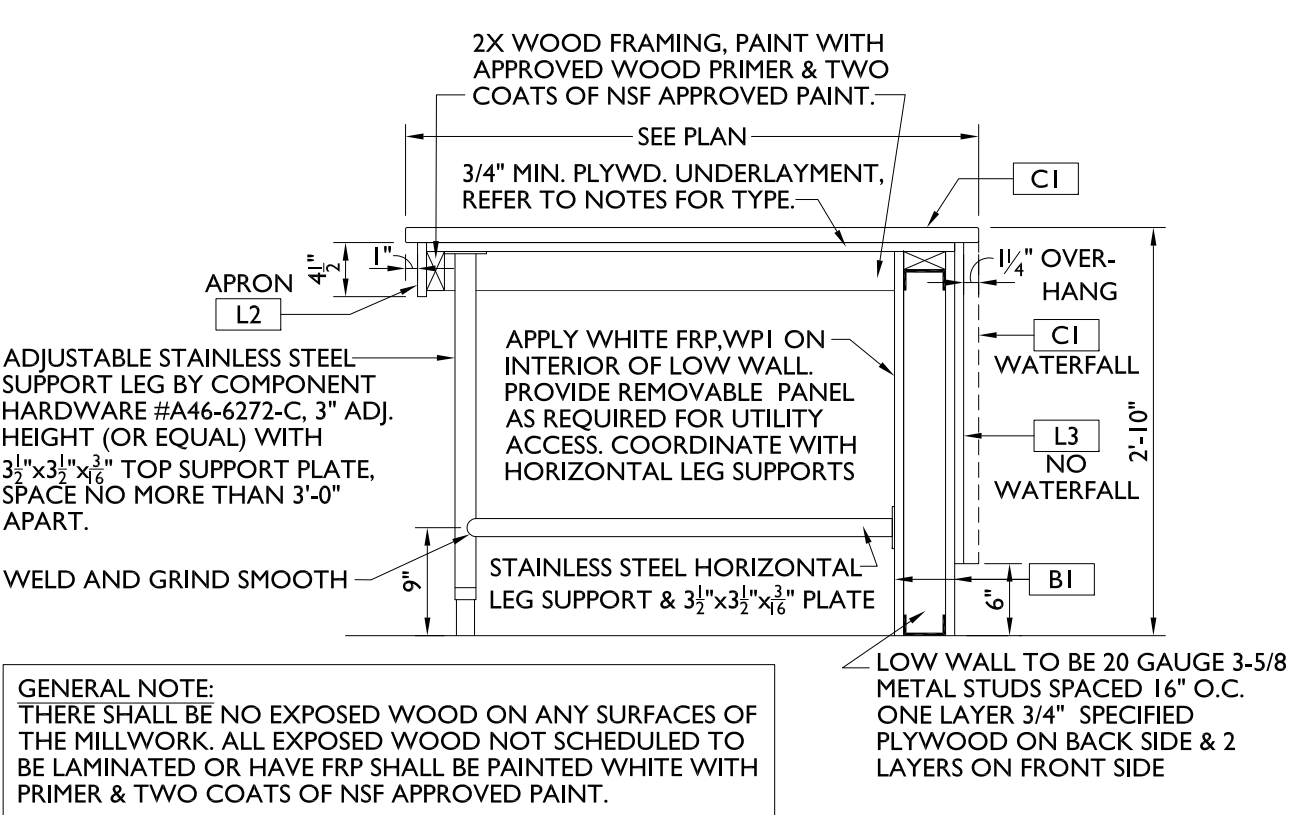
FINISH SCHEDULE								
CODE	MANUFACTURER	COLOR	NUMBER	COMMENTS	CONTACT	PURCHASED	RECEIVED	INSTALLED
PAINT SPECIFICATION								
P1	SHERWIN WILLIAMS	STRAW HARVEST	SW 7698	GYPSUM: PRIMER: PROMAR 200 ZERO PRIMER 1ST & 2ND COAT: PROMAR 200 ZERO VOC SEMI-GLOSS FINISH	SHELLY BEEKLEY 215-806-3579	GC	GC	GC
P2	NOT USED	-	-	-	-	-	-	-
P3	SHERWIN WILLIAMS	RUSTIC CITY	SW7699	FERROUS METAL - DOORS AND FRAMES: PRIMER: PROINDUSTRIAL PRO-CRYL UNIVERSAL PRIMER 1ST & 2ND COAT: PROINDUSTRIAL 0 VOC ACRYLIC SEMI-GLOSS	SHELLY BEEKLEY 215-806-3579	GC	GC	GC
WALL PROTECTION								
*NOTES: REFER TO MARLITE TRIM OPTIONS FOR COORDINATING VERTICAL TRIM, INSIDE AND OUTSIDE CORNER TRIM.								
WPI	MARLITE	WHITE	P 100	STANDARD FRP. PEBBLED SURFACE FINISH.	800-377-1221	GC	GC	GC
CG	CS CONSTRUCTION SPECIALTIES	STAINLESS STEEL	CO-8	STAINLESS STEEL CORNER GUARD. 3-1/2" LEG MANUFACTURED WITH TYPE 304 ALLOY WITH A #4 SATIN FINISH	800-233-8493	GC	GC	GC
TILE								
T1	DALTILE	BISCUIT	K175	RITTENHOUSE SQUARE 3" X 6" SEMI-GLOSS. 1/16" GROUT JOINT, USE GROUT GRI. USE CORRESPONDING BULLNOSE TRIM TILE FOR TOP LEVEL.	SUSAN METKA 484-576-9387	GC	GC	GC
GROUT								
G1	LATICRETE	NATURAL GREY	24	PERMA COLOR NON-SANDED, LATICRETE SPECTRALOCK 2000 IG EPOXY GROUT	800-243-4788	GC	GC	GC
COVE BASE								
B1	-	BLACK	-	RUBBER BASE - 4" COVED WITH PRE-FORMED CORNERS	-	GC	GC	GC
COUNTERTOP								
C1	DUPONT CORIAN QUARTZ	GRIGIO ALPI	-	EASED EDGE AND WATERFALL EDGE	800-642-2246	GC	GC	GC
LAMINATE								
L1 *	FORMICA	PAINT SCRAPE SKY	8995-PX	PLEX FINISH, NON-DIRECTIONAL PATTERN * USE FRY REGLET MILLWORK CHANNEL POST #MWVP75 BETWEEN L1 LAMINATE STRIPES. CLEAR ANODIZED FINISH. 800-237-9773	PAMELA DERVARICS 800-791-4603	GC	GC	GC
L2 *	FORMICA	ROLLED STEEL	8917-58	MATTE FINISH, HORIZONTAL PATTERN. * USE FRY REGLET MILLWORK POST OUTSIDE CORNER #MWPOSC75 AT VERTICAL OUTSIDE CORNER OF MILLWORK, CLEAR ANODIZED FINISH. 800-237-9773	PAMELA DERVARICS 800-791-4603	GC	GC	GC
L3 *	WILSONART	SMALL PLANKED TX WALNUT	Y0567	SOFT GRAIN FINISH. HORIZONTAL PATTERN. * USE FRY REGLET MILLWORK POST OUTSIDE CORNER #MWPOSC75 AT VERTICAL OUTSIDE CORNER OF MILLWORK, CLEAR ANODIZED FINISH. 800-237-9773	GENEVIEVE WATYCHA 717-799-1639	GC	GC	GC
GENERAL NOTE: INSTALL ALL ITEMS PER MANUFACTURER'S INSTRUCTIONS								
KEY: GC = GENERAL CONTRACTOR MC = MILLWORK CONTRACTOR (UNDER GENERAL CONTRACTOR) FS = FOODSERVICE PROVIDER								



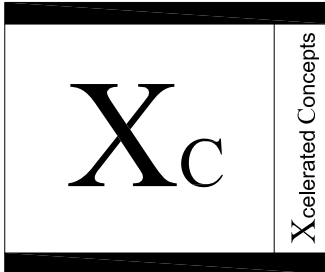
3
KA-3 3/4"=1'-0"



2
KA-3 3/4"=1'-0"



1
KA-3 3/4"=1'-0"



Xcelerator Concepts, LLC
325 Mill St. Suite 101
Danville, PA 17821
T 570.275.6130 F 570.275.6841

REVISIONS	BY

These drawings are the property of W. Alan Kenson & Associates P.C., and may not be reproduced in any way without the written consent of W. Alan Kenson & Associates, P.C.

W. Alan Kenson & Associates, P.C.



P 928-443-5812 P.O. Box 11593
F 928-443-5815 Prescott, AZ 86304
email: waka@cableone.net
www.kenson-associates.com

ARCHITECTURE & PLANNING

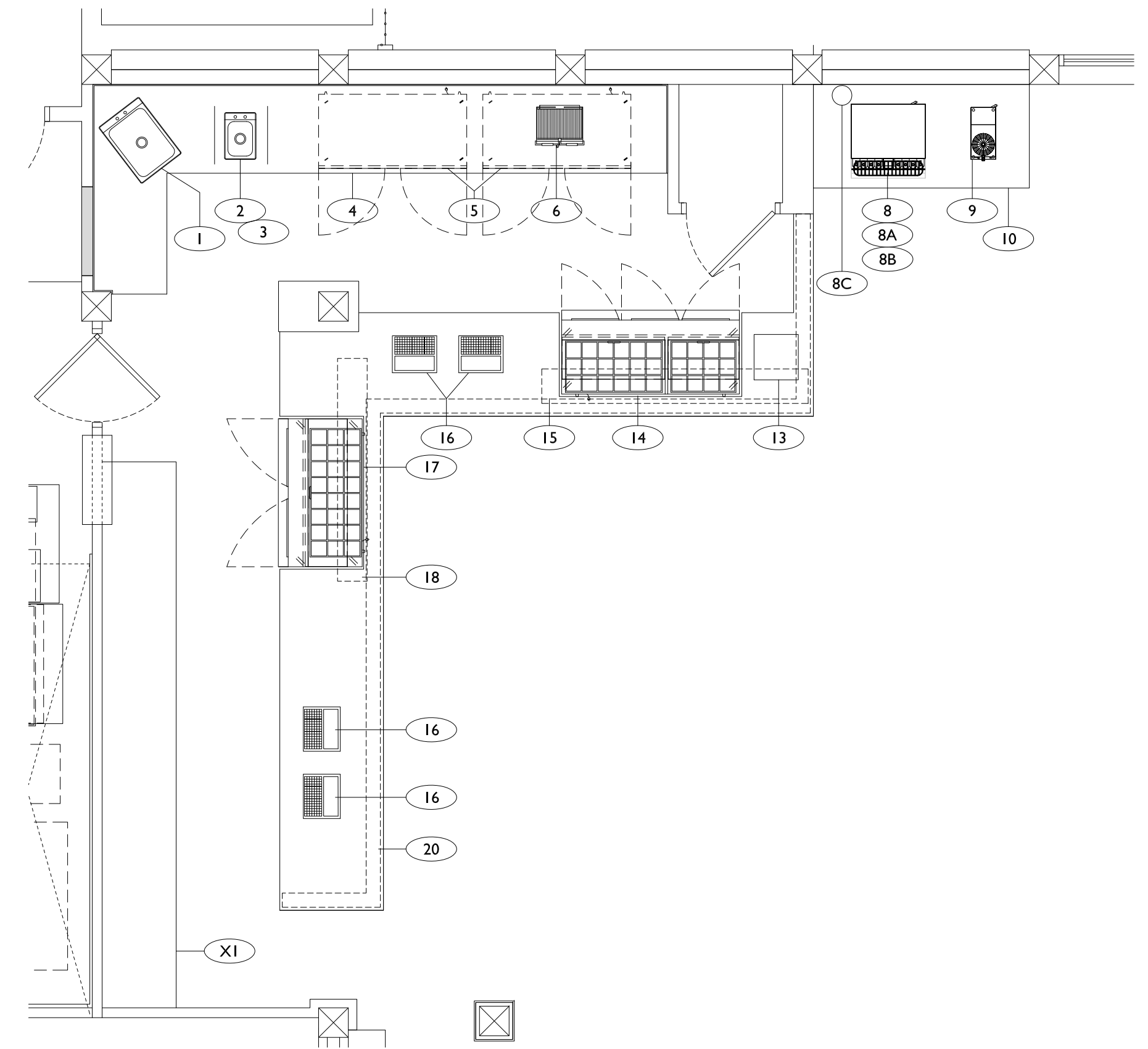
DRAWING: MILLWORK SECTIONS AND FINISH SCHEDULE

PROJECT: ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ 86301

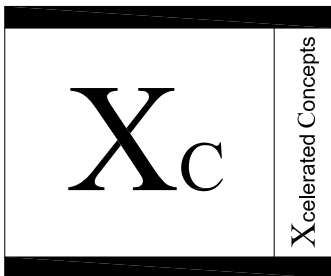
APN: 106-03-004

DRAWN BY
CHECKED BY
DATE April 26, 2018
JOB NO. 719
SHEET

KA-3



I FOODSERVICE EQUIPMENT PLAN

[illegible]

Xcelerated Concepts, LLC
325 Mill St. Suite 101
Danville, PA 17821
T 570.275.6130 F 570.275.6841

ELECTRICAL LEGEND

- + ABOVE FINISHED FLOOR
- DN+ DOWN FROM CEILING TO HT AFF
- CONN CONNECTION
- V VOLTS
- KW KILOWATTS
- AMP AMPERES
- PH PHASE
- HP HORSEPOWER
- JB JUNCTION BOX
- SR SINGLE RECEPTACLE
- DR DUPLEX RECEPTACLE
- BP BREAKER PANEL
- E.C. ELECTRICAL CONTRACTOR
- PI PLUG IN
- 10 EQUIPMENT NUMBER

ELECTRICAL SYMBOLS

- JUNCTION BOX ROUGH-IN
- ⊞ DUPLEX RECEPTACLE
- ⊞ SINGLE RECEPTACLE
- DATA LINE
- ▽ TELEPHONE JACK
- CONV. HIGHT 48" CONVENIENCE OUTLET RATED @ 20 AMPS
- CONV. 48"
- CONV. 15"

ELECTRICAL GENERAL NOTES:

1. THE INTENT OF THE SPECIFICATIONS AND DRAWINGS REGARDING MECHANICAL, ELECTRICAL, PLUMBING, AND FACTORY PREWIRING AND PREPIPING IS TO HAVE THE FABRICATOR EXTEND TO AND TERMINATE ALL CONNECTIONS FOR ALL EQUIPMENT IN THE LOCATIONS SHOWN IN THE ROUGH-IN PLANS.

2. ALL WORK IS TO BE COMPLETED IN EVERY RESPECT SO THAT THE ITEMS CONCERNED WILL BE FULLY OPERABLE AS SOON AS THE FINAL CONNECTIONS ARE MADE AT THE JOBSITE BY THE APPROPRIATE CONTRACTOR.

ELECTRICAL UTILITY NOTES:

ALL NOTES THAT ARE APPLICABLE TO THIS PROJECT ARE THE RESPONSIBILITY OF THE ENGINEERS AND CONTRACTORS

1. ALL FINAL CONNECTIONS SHOWN ON THIS DRAWING ARE ACTUAL REQUIREMENTS OF THE EQUIPMENT AND ARE SHOWN IN THIER APPROXIMATE LOCATION.

2. LOCATION OF ROUGH-IN STUB IS INDICATED AT +DIM, WHICH IS THE STUB OUT ABOVE THE FINISH FLOOR. ANY SERVICE WHICH MUST COME FROM ABOVE CEILING OR UP FROM BELOW THE SLAB SHALL BE INDICATED AS SUCH.

3. ALL DIMENSIONS ARE CUMULATIVE FROM AN ESTABLISHED BUILDING COLUMN LINE OR WALL AS INDICATED.

4. FABRICATED EQUIPMENT CONTAINING A BREAKER PANEL OR EQUIPMENT INDICATED SO, SHALL BE PRE-WIRED BY FABRICATOR READY FOR FIELD CONNECTION TO ONE POINT BY ELECTRICAL CONTRACTOR. BREAKER PANEL WILL HAVE GROUND FAULT INTERRUPTOR.

5. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL SWITCHES, STARTERS, DISCONNECTS, ETC. FOR ALL EQUIPMENT UNLESS NOTED OTHERWISE. ALL DISCONNECTS OR LOCK-OUT DEVICES, STARTERS, ETC. TO MEET N.E.C. AND O.S.H.A. STANDARDS.

6. ALL RECEPTACLES SHALL BE GROUNDED PER N.E.C. AND O.S.H.A. AND TO HAVE GROUND FAULT CIRCUIT INTERRUPTOR.

7. ELECTRICAL CONTRACTOR TO PROVIDE ADDITIONAL LIGHTING IN ALL WALK-IN BOXES AS INDICATED ON PLAN AND NOTED IN ROUGH-IN SCHEDULE.

A. FLUORESCENT, VAPORPROOF SURFACE MOUNTED TYPE LIGHT FIXTURES. ALL HORIZONTAL WIRING FOR BOXES SHALL BE RUN ON EXTERIOR OF THE BOX WITH PENETRATIONS SEALED TIGHT.

8. ELECTRICAL CONTRACTOR TO PROVIDE CONTROL WIRING AND ELECTRICAL SERVICE FOR REMOTE REFRIGERATION SYSTEMS FOR WALK-IN BOXES AND/OR ICE MACHINES. COORDINATE LOCATION FOR SERVICE WITH ELECTRICAL ENGINEER.

9. ELECTRICAL CONTRACTOR TO PROVIDE WRAP AROUND HEATER CABLE ON ALL EVAPORATOR DRAIN LINES IN WALK-IN FREEZERS.

10. (*) INDICATES A CORD AND PLUG SET IS FURNISHED AS PART OF THE EQUIPMENT AND MUST BE INSTALLED IN THE FIELD BY THE ELECTRICAL CONTRACTOR.

11. WHEN OUTLETS ARE INDICATED, IT WILL BE ASSUMED THAT ATTACHED CORD AND PLUG IS STANDARD WITH EQUIPMENT UNLESS NOTED OTHERWISE.

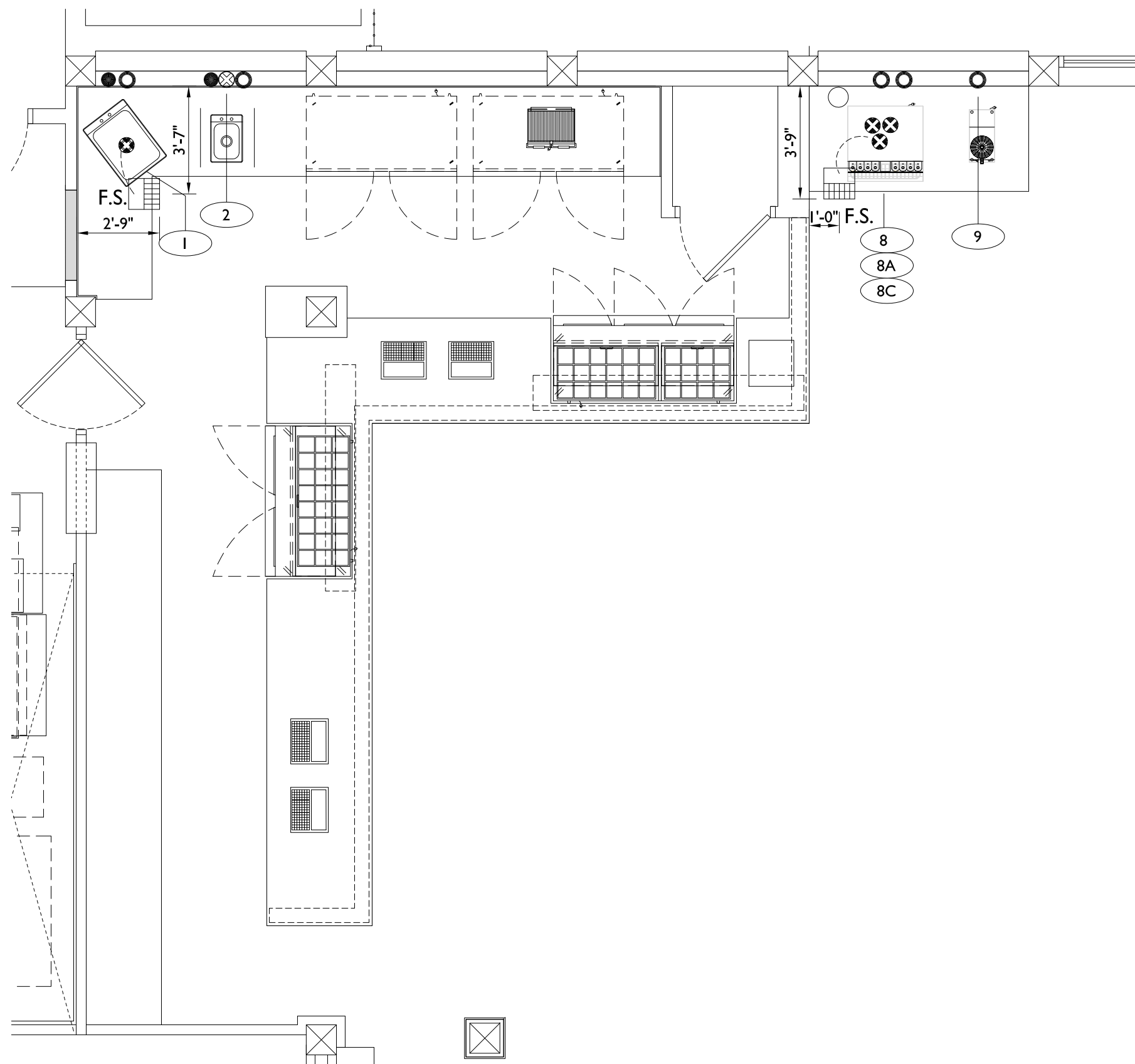
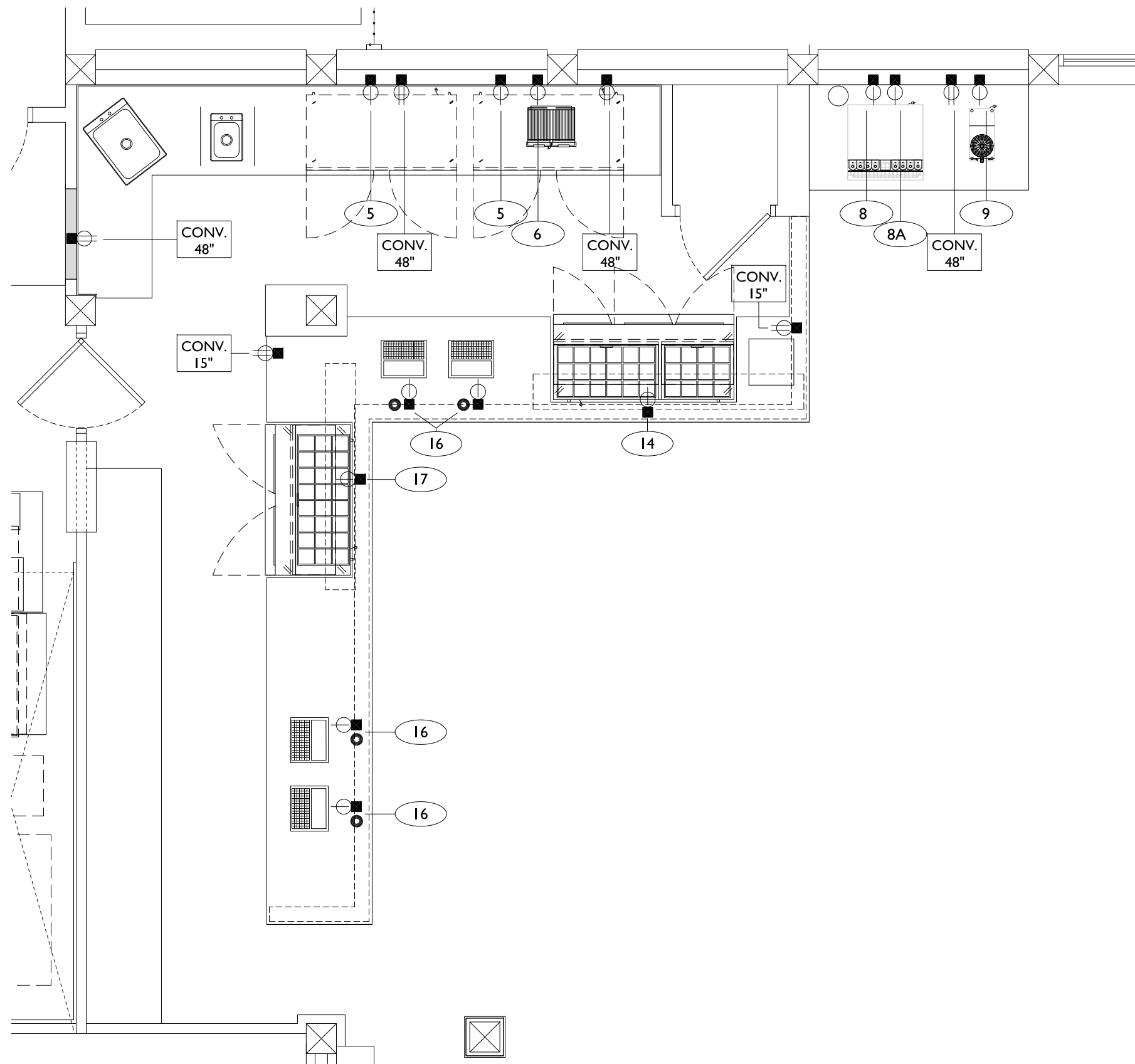
12. JUNCTION BOXES BETWEEN ADJACENT EXHAUST HOOD SECTIONS TO BE FIELD WIRED TOGETHER BY ELECTRICAL CONTRACTOR TO REMOTE SWITCH AT +54" (LIGHTS ONLY).

13. ELECTRICAL REQUIREMENT FOR FIRE PROTECTION: GAS SOLENOID AND/OR SHUNT TRIP BREAKERS AND/OR FLOW CONTROL ALARM SWITCHES (FOR WET WATER SYSTEMS) TO BE WIRED THRU LIFE SAFETY SYSTEM BY ELECTRICAL CONTRACTOR.

14. WHEN DISPOSER AND WASTE COLLECTOR CONTROL PANELS ARE USED THE ELECTRICAL CONTRACTOR IS TO PROVIDE INDIVIDUAL BUILDING GROUND TO UNIT. BREAKER TO BE SIZED ON THE MOTOR REQUIREMENTS ONLY.

15. ALL ITEMS SHOWN WITH PI CONNECTION, PLUG INTO RECEPTACLES FURNISHED BY THE KITCHEN EQUIPMENT FABRICATOR.

16. WHERE CONNECTION IS SHOWN AS JB, ELECTRICAL CONTRACTOR SHALL CONNECT TO JB FURNISHED WITH EQUIPMENT.



PLUMBING & MECHANICAL SYMBOLS

- 10 EQUIPMENT NUMBER
- HOT WATER
- COLD WATER
- ⊞ GAS LINE
- ⊞ DIRECT WASTE
- ⊞ INDIRECT WASTE
- ⊞ FLOOR DRAIN
- ⊞ FLOOR SINK WITH HALF GRATE
- ⊞ EXHAUST DUCT
- ⊞ SUPPLY DUCT

PLUMBING LEGEND

- + ABOVE FINISHED FLOOR
- DN+ DOWN FROM CEILING TO HT AFF
- CONN CONNECTION
- CW COLD WATER
- HW 140 DEGREE HOT WATER
- IW INDIRECT WASTE
- W WASTE
- MW MIXED WATER
- CR CONDENSATE RETURN
- FD FLOOR DRAIN
- GPM GALLONS PER MINUTE
- GT GREASE TRAP
- LG GAS
- MBTUH 1000 BTU/HR
- TWR TOWER WATER RETURN
- TWS TOWER WATER SUPPLY
- PD PRESSURE DROP
- PLUMBING CONTRACTOR
- VVC VALVE COMPARTMENT
- CFM CUBIC FEET PER MINUTE
- FPM FEET PER MINUTE
- SR STEAM RETURN
- SS STEAM SUPPLY

PLUMBING UTILITY NOTES:

ALL NOTES THAT ARE APPLICABLE TO THIS PROJECT ARE THE RESPONSIBILITY OF THE PARTICIPATING ENGINEERS AND CONTRACTORS

1. ALL FINAL CONNECTIONS SHOWN ON THIS DRAWING ARE ACTUAL REQUIREMENTS OF THE EQUIPMENT AND ARE SHOWN IN THIER APPROXIMATE LOCATION.

2. PLUMBING VENT SIZES AND LOCATIONS ARE TO BE DETERMINED BY THE PLUMBING CONTRACTOR.

3. FLOOR DRAINS SHOWN ARE FOR EQUIPMENT USE AND GENERAL CLEANING PURPOSES, AND ARE TO BE OF THE TYPE INDICATED IN SYMBOLS UNLESS OTHERWISE REQUIRED BY LOCAL CODES.

4. STOP VALVES SHALL BE PROVIDED IN ALL PIPING TO KITCHEN AND OTHER EQUIPMENT OR FIXTURE AHEAD OF OPERATING LEVER HANDLES OR FAUCETS. BACK FLOW PREVENTER SHALL BE ADDED IN ALL PIPING IN LINE BEFORE ALL MIXING VALVES AND/OR MIXING FAUCETS USED ON EQUIPMENT.

5. LOCATION OF ROUGH-IN STUB OR FINAL CONNECTION IS INDICATED AS +DIM, WHICH IS THE STUB OUT OR FINAL CONNECTION HEIGHT ABOVE FINISH FLOOR. ANY SERVICE WHICH MUST COME FROM ABOVE CEILING OR UP FROM BELOW THE SLAB SHALL BE INDICATED AS SUCH.

6. ALL DIMENSIONS ARE CUMULATIVE FROM AN ESTABLISHED BUILDING COLUMN LINE OR WALL AS INDICATED.

7. FABRICATED EQUIPMENT SHALL BE PRE-PIPED BY FABRICATOR TO ONE POINT AS INDICATED FOR FIELD CONNECTION BY THE PLUMBING CONTRACTOR.

8. (*) INDICATES A FLEXIBLE GAS LINE WITH QUICK DISCONNECTS FURNISHED AS PART OF THE EQUIPMENT AND INSTALLED IN THE FIELD BY THE PLUMBING CONTRACTOR.

9. WHERE INDIRECT WASTE (I.W.) ARE NOTED, THE PLUMBING ENGINEER IS TO INDICATE SUCH FOR NEAREST EXTENSION TO FLOOR SINK. INDIRECT WASTE LINES TO BE RUN IN ACCORDANCE WITH ALL LOCAL CODES.

10. ALL GAS ROUGH-INS SHOWN ARE EQUIPMENT CONNECTION POINTS ONLY. THE PLUMBING ENGINEER SHALL DETERMINE MAIN GAS LINE DROPS, SIZES AND ROUTING TO CONNECTION POINTS.

11. ALL GAS FIRED EQUIPMENT SHALL BE EQUIPPED WITH INDIVIDUAL MANUAL SHUT-OFF VALVES BY PLUMBING CONTRACTOR.

12. ALL REFRIGERATION LINES BETWEEN BLOWER COILS AND REMOTE COMPRESSORS AND/OR ICE MACHINES SHALL BE INSTALLED BY THE REFRIGERATION CONTRACTOR.

13. POT SINKS AND/OR DISHWASHERS TO BE SPILLED TO GREASE TRAP AS REQUIRED BY CODES.

14. PLUMBING CONTRACTOR TO PROVIDE AND INSTALL ALL NECESSARY FITTINGS, PIPING, NIPPLES, STEAM REGULATORS, BAKELITE HANDLED STEAM VALVES (GLOBE AND/OR GATE), SHUT OFF VALVES, STEAM TRAP ASSEMBLIES, ETC., TO PROVIDE COMPLETE OPERABLE SYSTEM FOR STEAM COOKING EQUIPMENT. ALL EXPOSED FITTINGS & ETC. AS STATED ABOVE TO BE CHROME PLATED.

REVISIONS	BY

These drawings are the property of W. Alan Kenson & Associates P.C., and may not be reproduced in any way without the written consent of W. Alan Kenson & Associates, P.C.

W. Alan Kenson & Associates, P.C.

P 928-443-5812

F 928-443-5815

P.O. Box 11593

Prescott, AZ 86304

email: waka@cableone.net

www.kenson-associates.com

ARCHITECTURE & PLANNING

REGISTERED PROFESSIONAL

DRAWING: FOODSERVICE EQUIPMENT ELECTRICAL AND PLUMBING PLANS

PROJECT: ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ 86301

APN: 106-03-004

Xcelerator Concepts, LLC
325 Mill St. Suite 101
Danville, PA 17821
T 570.275.6130 F 570.275.6841

KEP

Apr 26, 2018 - 2:11pm

PLUMBING SPECIFICATIONS:

1. GENERAL

1.1 Scope: Work under this section includes coordinating and furnishing all labor and material necessary to install a complete plumbing system as shown and specified and in accordance with the codes. Contractor shall pay for all permits, meters, fees, city inspections, legal notices, etc., as required.

1.2 Submittals: Within 15 days after award of contract, submit 8 copies of all items.

1.3 Record Drawings: Provide a set to the Architect at completion of project.

1.4 Instructions: Provide maintenance manual and instruct Owner in the proper operation and maintenance of the equipment.

1.5 Guarantee: One year on labor, material and equipment.

2. PRODUCTS

2.1 Piping:

2.1.1 Water Lines:

2.1.1.1 Copper: Type "L" hard drawn, conforming to ASTM B88, for all water pipe not set under concrete or in the ground.

2.1.1.2 Copper: Type "K" soft drawn, conforming to ASTM B88, for water pipe set in or under concrete or in the ground. Wrap lines below concrete floors with 20 mils of polykon tape.

2.1.1.3 Fittings: Wrought copper conforming to ANSI B16.22.

2.1.1.4 Plastic: If permitted by Administrative Authority, IAPMO approved, NSF-61 listed, crosslinked polyethylene (PEX) tubing, equal to Wirsbo "AQUAPEX" system is acceptable for potable water piping not set in or under concrete or in the ground.

2.1.2 Sanitary Waste and Vent Lines:

2.1.2.1 Cast Iron conforming to CISPI Standard 301-95 and ASTM A-888 for all no-hub pipe and fittings installed above and below grade.

2.1.2.2 Galvanized Iron: Standard weight, Schedule 40 galvanized iron conforming to ASTM A-120 for all vent lines 2-1/2" or smaller.

2.1.2.3 Fittings (Waste and Vent System, no-hub cast iron): No-hub cast iron drainage pattern fittings conforming to CISPI #301-95.

2.1.2.4 Fittings (Waste and Vent, galvanized steel): Threaded cast iron fittings conforming to ANSI B16.4.

2.1.2.5 Couplings (Waste and Vent, above and below grade): Double band, stainless steel couplings conforming to CISPI 310-95, with neoprene gasket conforming to ASTM Standard C564 (NOTE: Screened stainless shield is not approved).

2.1.2.6 Plastic: Subject to Owner approval, PVC piping conforming to ASTM D-2665-88 is acceptable for sanitary waste piping installed below grade or slab. Fittings: Drainage fittings to match pipe.

2.2 Pipe Hangers and Supports: Fee & Mason Figure 103 clevis hanger for insulated pipe and Figure 104 clevis hanger for cast iron pipe. Install #500 Trisolators on uninsulated copper lines at all hangers and wall penetrations.

2.3 Pipe Insulation: Use fiberglass premoled insulation with all-service jacket, minimum density of 3.5 pcf. Provide an additional 8-ounce canvas jacket with Arabol finish around all exposed pipe insulation. Cover fittings and valves (except unions) with insulation cement worked on in two applications to a smooth, hard surface, flush with pipe covering. Provide 8" long, 20 gauge, galvanized iron metal insulation guards at locations of hanger rods and supports. Provide 12" long rigid insulation blocks on bottom half of pipe 1" and larger at hangers. Insulation wall thickness shall conform to the following schedule:

Domestic Hot Water Supply Lines:

Mains and horizontal branches - 1" thickness.
Drops in walls and partitions - 1/2" thickness.

2.4 Valves:

2.4.1 Check Valves: Milwaukee #1509, 125#, bronze body, solder joint check valve with horizontal bronze disc for all valves up to 2" size. Milwaukee #F2974, 125#, iron body, bronze trimmed, flanged horizontal check valve for all valves larger than 2" size.

2.4.2 Shutoff Valve: Milwaukee BB1-350 bronze body, solder joint valve for all lines up through

2.5 Cleanouts:

2.5.1 Concrete and Tile Floors: J.R. Smith 4023, with scoriated nickel-bronze top.

2.5.2 Cleanouts (exposed vertical piping): J.R. Smith 4512 cast iron branch cleanout tee with bronze plug.

2.5.3 Interior Finished Walls: J.R. Smith 4532.

2.5.4 Exterior Surface Cleanouts: J.R. Smith 4253. Provide 18" x 18" x 6" concrete pad at landscape areas; provide concrete ring below grade at asphalt areas.

2.5.5 Provide all cleanouts with heavy threaded bronze plugs.

2.6 Acceptable Manufacturers: The following is a list of manufacturers whose equipment is acceptable as to manufacturer, subject to conformance with all drawings, specifications and addenda items:

Stainless Steel Sinks: Just, Elkay, Moen.

Valves: Crane, Kennedy, Stockham, Grinnell, Milwaukee, Wolverine.

Supply Stops: Eastman, Kohler, Eljer, Brasscraft, McGuire.

P-Traps: Crane, Kohler, Eljer, Frost, McGuire.

Supply Fittings: Crane, Symmons, Chicago, T & S Brass, Speakman, Kohler.

Drains and Cleanouts: J. R. Smith, Zurn, Josam, Wade.

Hangers: Grinnell, Fee & Mason, Elen, Kin-Line, F & S, B-Line, Michigan.

2.7 Kitchen Equipment: Provide rough-in and final connections to kitchen equipment furnished under separate section or by Owner. Provide all water supplies and shutoff valves at each required water connection. For indirect waste piping connections, provide type "DWV" copper with soldered end drainage fittings, piped to terminate at nearest floor sink, for all required indirect waste piping, and P trap for all required direct waste piping connections. Refer to manufacturer's equipment cut sheets for piping connection sizes. All exposed water and drain piping and stop valves shall be polished chrome plated.

3. EXECUTION

3.1 Tests and Inspections:

3.1.1 All work to be tested and approved before covering as directed by Architect. Remake all leaking joints.

3.1.2 Water System: 125 psi hydrostatic pressure held for four hours.

3.1.3 Sanitary Waste and Vent System: Fill with water to highest point in the system and let stand without loss for two hours.

3.1.4 Sterilization (Domestic Water System): After tests have been completed, the entire domestic water distribution system shall be thoroughly flushed with water until all entrained dirt and mud have been removed, and shall be sterilized with solutions of either liquid chlorine conforming to Federal Specification BB-B-120 or hypochlorite conforming to Fed. Spec. O-C-114, Type II, Grade G, or Fed. Spec. O-S-602, Grade A or B. The chlorinating material shall provide a dosage of not less than 50 parts per million and shall be introduced into the system in an approved manner, and retained in the system for 8 hours before flushing.

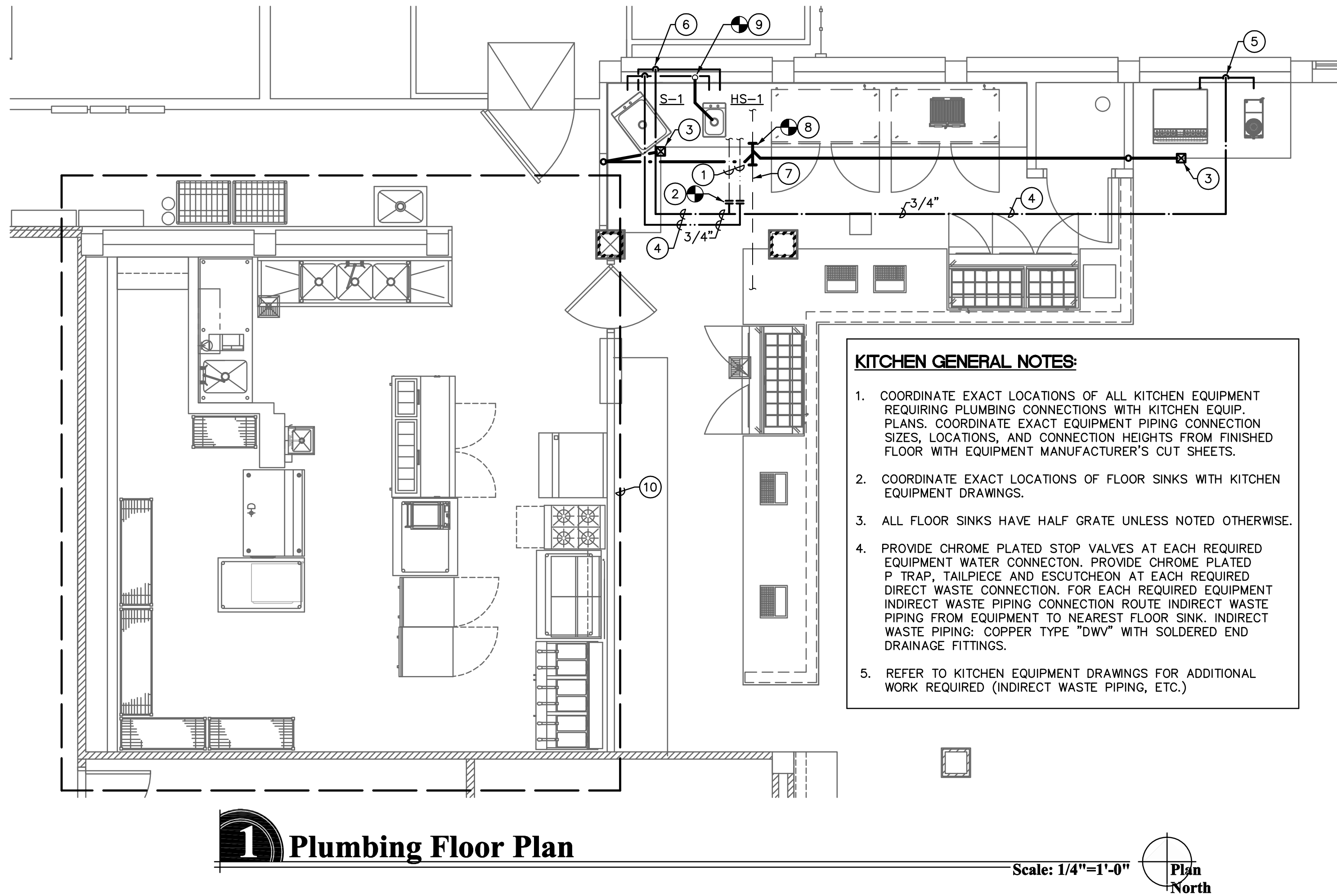
3.2 Flashing, Sleeves and Escutcheon Plates:

3.2.1 Flashing: Supply flashing for all vent pipe and other types of piping through roof to be installed with roofing. Flash vents with Stoneman S1300-4 or with sheet lead weighing not less than 4 pounds per square foot or equal. Extend flashing into roofing at least 10" from vent and turn flashing over and down into vent opening.

3.2.2 Sleeves: Use 20 gauge galvanized steel sleeves around pipes passing through masonry walls and concrete slabs.

3.2.3 Escutcheon Plates: Install cast brass spilt ring with setscrew at all locations where exposed pipes pass through walls, floors and/or ceilings. Provide polished chrome-plated escutcheons in finished rooms, all others polished brass.

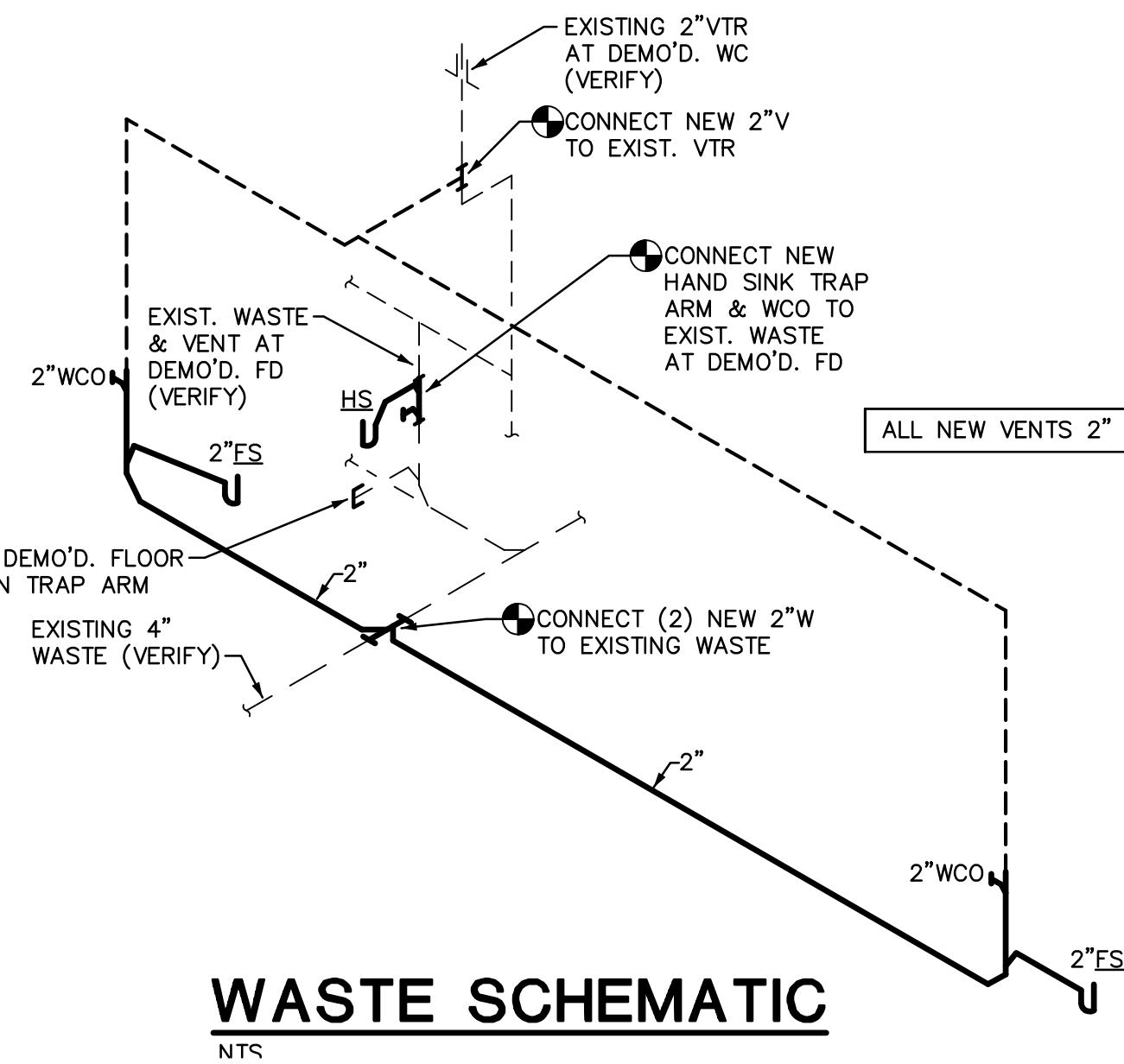
3.3 Electrical: Wiring by Electrical Contractor.



PLUMBING FIXTURE SPECIFICATIONS	
SYMBOL	DESCRIPTION
S-1	SINK: FIXTURE: JUST MODEL No. SL-2125-A-GR, 21" x 25" x 8" DEEP, 18 GAUGE TYPE 304 STAINLESS STEEL, SELF RIMMING SINGLE COMPARTMENT SINK WITH THREE-HOLE PUNCHING. FAUCET: JUST J-900 SINGLE LEVER FAUCET. SUPPLIES: EASTMAN C5RC-20-LK, 1/2" x 3/8" ANGLE STOPS WITH FLEXIBLE TUBE RISERS. STRAINER: JUST J-35 BASKET STRAINER WITH 1-1/2" TAILPIECE. WASTE: ROUTE INDIRECT WASTE FULL SIZE TO TERMINATE AS SHOWN ON PLANS.
HS-1	HAND SINK (COUNTER TOP): FIXTURE: JUST, MODEL No. LLQ-17519-B-GR, 19" x 17-1/2" TYPE 304 STAINLESS STEEL. FAUCET: JUST JGN-4 DECK MOUNTED FAUCET WITH RIGID GOOSENECK SPOUT AND AERATOR; MODEL W-4, 4" WRIST BLADE HANDLES. STRAINER: JUST 115-FS CHROME PLATED BRASS GRID STRAINER WITH JSW-395 SPACER AND WASHER, AND 1-1/4" TAILPIECE. SUPPLIES: EASTMAN C5RC-15-LK, 1/2" x 3/8" ANGLE STOPS WITH FLEXIBLE TUBE RISERS. TRAP: DEARBORN BRASS, 1-1/4" x 1-1/2" CAST BRASS P-TRAP, CHROME FINISH, 1-1/4" INLET, 1-1/2" OUTLET, ESCUTCHEON.
ES	FLOOR SINK: J.R. SMITH 3100-Y, 8-1/2" TOP, CAST IRON FLANGED RECEPTOR, WITH ACID RESISTANT COATED INTERIOR, ALUMINUM DOME BOTTOM STRAINER, SQUARE NICKEL BRONZE TOP WITH HALF GRATE.
BP-1	DOUBLE CHECK BACKFLOW PREVENTER: WATTS MODEL No. U007QT, UNION CONNECTIONS, QUARTER TURN BALL VALVES. SIZE SHALL BE SAME AS PIPE IN WHICH UNIT IS INSTALLED.
BP-2	REDUCED PRESSURE TYPE BACKFLOW PREVENTER: WATTS MODEL No. 909S, WITH STRAINER AND SHUTOFF VALVES. SIZE SHALL BE SAME AS PIPE IN WHICH UNIT IS INSTALLED, AND SHALL BE SELECTED FOR MINIMUM DROP. COMPLETE WITH AIR GAP DRAIN FITTING AND FULL SIZE DRAIN LINE ROUTED TO TERMINATE AT NEAREST FLOOR SINK OR AS OTHERWISE INDICATED ON DRAWINGS.

PLUMBING GENERAL NOTES:

- ALL PLUMBING WORK SHALL COMPLY WITH THE MOST STRINGENT OF APPLICABLE CODES, ORDINANCES, OR THE SPECIFICATIONS.
- ALL FIXTURES SHALL BE PROPERLY VENTED TO THE ATMOSPHERE.
- COORDINATE LOCATION OF ALL PLUMBING LINES WITH DUCTWORK AND ELECTRICAL SERVICES.
- WATER PIPING INSTALLED UNDER CONCRETE SLAB SHALL BE LOOPED IN PARTITION WALLS WITH NO JOINTS UNDER SLAB & WITH PLASTIC SLEEVE FOR EACH PENETRATION THROUGH SLAB.
- INSTALL APPROVED DIELECTRIC ISOLATORS AT ALL CONNECTIONS OF DISSIMILAR METALS.
- LOCATE ALL VENTS THROUGH ROOF 10'-0" FROM ALL AIR INTAKES, EVAPORATIVE COOLERS, ETC.
- SOLDERS AND FLUX HAVING A LEAD CONTENT IN EXCESS OF TWO-TENTHS OF ONE PERCENT SHALL NOT BE USED IN THE INSTALLATION OR REPAIR OF PLUMBING PROVIDING WATER FOR HUMAN CONSUMPTION.
- CONTRACTOR SHALL NOT CUT HOLES IN STRUCTURAL MEMBERS WITHOUT FIRST SECURING WRITTEN APPROVAL FROM THE ARCHITECT.
- LOCATE ALL VALVES, UNIONS, THERMOMETERS, GAUGES, OR OTHER EQUIPMENT REQUIRING FREQUENT READING. REPAIRS, ADJUSTMENTS, INSPECTION, REMOVAL OR REPLACEMENT SO AS TO BE ACCESSIBLE WITH REFERENCE TO THE FINISHED BUILDING.
- REFER TO PLUMBING FIXTURE SCHEDULE FOR INDIVIDUAL LINE SIZES.
- WHERE POSSIBLE, TIE VENTS TOGETHER SO THAT A MINIMUM NUMBER TERMINATE THROUGH ROOF.
- PRIOR TO SUBMITTING BID, CONTRACTOR SHALL REVIEW THE ARCHITECTURAL DRAWINGS & INCLUDE IN HIS BID AN AMOUNT TO FURNISH & INSTALL ANY FIXTURES SHOWN IN ADDITION TO PLUMBING DRAWINGS.



KEYNOTES:

- EXISTING 3/4" HW & 1" CW LINES ABOVE CEILING (SUPPLIES TO DEMO'D. FIXTURES AT EXISTING COUNTER). FIELD VERIFY EXACT SIZE & LOCATION.
- CONNECT NEW 3/4" HW & 1" CW TO EXISTING LINES.
- 2" FLOOR SINK ES WITH 1/2 GRATE.
- NEW PIPING ROUTED ABOVE CEILING, COORDINATE WITH ALL EXIT. CONDITIONS
- 3/4" CW DOWN IN WALL TO 3/4" HEADER, WITH 1/2" TO ICE MACHINE (CONNECT THROUGH WATER FILTER & BACKFLOW PREVENTER BP-1); 1/2" TO ICED TEA DISPENSER; & 1/2" TO ICE MACHINE/ SODA DISPENSER (CONNECT TO ICE MACH. THROUGH WATER FILTER & BACKFLOW PREVENTER BP-1 / CONNECT TO SODA DISPENSER THROUGH WATER FILTER & BACKFLOW PREVENTER BP-2).
- 3/4" H & CW DOWN IN WALL TO 3/4" HEADERS, WITH 1/2" H & CW TO SINK & 1/2" H & CW TO HAND SINK.
- APPROX. LOCATION OF EXISTING WASTE LINE- FIELD VERIFY EXACT LOCATION, SIZE, INVERT & FLOW DIRECTION PRIOR TO CONSTRUCTION.
- CONNECT NEW (2) 2" WASTE TO EXISTING WASTE.
- CONNECT NEW HAND SINK TRAP ARM TO EXISTING WASTE FROM DEMO'D. FLOOR DRAIN. FIELD VERIFY EXACT LOCATION & SIZE OF EXISTING LINE PRIOR TO CONSTRUCTION. REWORK EXISTING PIPING AS REQUIRED.
- EXISTING PLUMBING WITHIN THIS AREA TO REMAIN- NO WORK REQUIRED.

FIXTURE CONNECTION SCHEDULE						
MARK	DESCRIPTION	W	V	CW	HW	REMARKS
S-1	SINK	I.W.	I.W.	1/2"	1/2"	STAINLESS STEEL, DROP-IN
HS-1	HAND SINK	2"	1-1/2"	1/2"	1/2"	STAINLESS STEEL, DROP-IN
FS	FLOOR SINK	2"	1-1/2"	-	-	WITH HALF GRATE

NOTE ON SLOPE OF WASTE PIPING:

SLOPE ALL HORIZONTAL WASTE PIPING AS FOLLOWS:

FOR PIPE SIZES UP THROUGH 3", SLOPE AT 1/4" PER FT.

FOR PIPE SIZES 4" & ABOVE, SLOPE AT 1/8" PER FT.

NOTE:

LOCATIONS AND SIZES FOR ALL ITEMS ARE BASED ON THE BEST INFORMATION AVAILABLE. SOME ITEMS SHOWN ARE TO INDICATE THE INTENT OF THE PLUMBING SYSTEMS BUT MAY NOT NECESSARILY REFLECT THE EXACT ROUTING AND LOCATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL LOCATIONS AND SIZES OF THOSE ITEMS REQUIRING MODIFICATIONS.

PLUMBING LEGEND		
SYMBOL	ABBR.	DESCRIPTION
—	W	WASTE PIPING
- - -	V	VENT PIPING
—	CW	COLD WATER PIPING
—	HW	HOT WATER PIPING
—	GV	GATE VALVE
—	BV	BALL VALVE
—	WCO	WALL CLEANOUT
—	VTR	VENT THRU ROOF



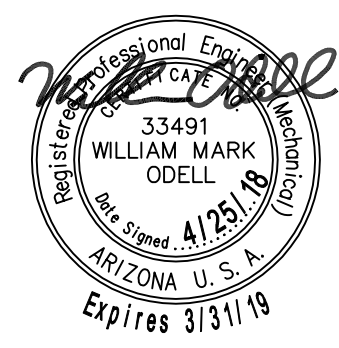
611 West Delano Ave
Prescott, AZ 86301
(928) 443.7353

Project
#180836

11758 N. 143rd Ave.
Surprise, AZ 85378
(623) 444-6143

REVISIONS	BY

These drawings are the property of W. Alan Kenson & Associates P.C., and may not be reproduced in any way without the written consent of W. Alan Kenson & Associates, P.C.



W. Alan Kenson & Associates, P.C.

P.O. Box 11593

Prescott, AZ 86304

P 928-443-5812

F 928-443-5815

email: waka@cableone.net

www.kenson-associates.com

ARCHITECTURE & PLANNING

DRAWING: Plumbing Floor Plan

PROJECT: ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ, 86301

APN: 106-03-004

DRAWN BY

CHECKED BY

DATE
April 2nd, 2018

JOB NO.
719

SHEET

P1.0

ELECTRICAL SYMBOLS

NOTE: NOT ALL SYMBOLS ARE USED ON THIS PROJECT

- A FLUORESCENT FIXTURE, WITH FIXTURE DESIGNATED BY LETTER. SMALL LETTER INDICATES SWITCH LEG
- NL NIGHT LIGHT- NOT SWITCHED OR EMERGENCY
- FLUORESCENT STRIP FIXTURE.
- CEILING OR WALLMOUNTED FIXTURE.
- PORCELAIN PULL CHAIN FIXTURE
- JUNCTION BOX
- JUNCTION BOX WITH FLEX CONNECTION.
- SINGLE FACE EXIT SIGN- NOT SWITCHED
- DOUBLE FACED EXIT SIGN- NOT SWITCHED.
- TWO HEAD EMERGENCY LIGHT WITH BATTERY.
- S SINGLE POLE SWITCH, + 48" A.F.F. (20A-120/277V)
- S₃ THREE WAY SWITCH, + 48" A.F.F. (20A-120/277V)
- S₄ 4-WAY SWITCH +48" AFF (20A-120/277V)
- S_P SWITCH AND PILOT LIGHT (20A-120-/277V)
- S_K SINGLE POLE SWITCH, KEY OPERATED (20A)
- WALL OR CEILING MOUNTED MOTION SENSOR MANUFACTURE BY LAVITON
- DIMMER CONTROL, + 48" A.F.F. TYPE, RATING AS NOTED
- DUPLEX RECEPTACLE, + 18" A.F.F. (20A)
- DUPLEX RECEPTACLE ABOVE COUNTER, VERIFY HEIGHT. (20A)
- FOURPLEX RECEPTACLE, + 18" A.F.F. (20A)
- HALF SWITCHED DUPLEX RECEPTACLE (20A)
- SPECIAL RECEPTACLE - SIZE & TYPE AS NOTED
- POWER / PHONE / DATA FLUSH FLOOR OUTLET
- TELEPHONE OUTLET PLASTER RING AT + 18" A.F.F. HUBBELL #P12 COVERPLATE. 3/4" C. TO CEILING SPACE UNLESS SHOWN WITH HOMERUN. + 18" A.F.F.
- DATA SYSTEM OUTLET, 4" SQUARE BOX AND COVERPLATE. 3/4" C. TO CEILING SPACE UNLESS SHOWN WITH HOMERUN. + 18" A.F.F.
- TELE/DATA COMBO OUTLET, 4" SQUARE BOX AND COVERPLATE. 3/4" C. TO CEILING SPACE UNLESS SHOWN WITH HOMERUN. + 18" A.F.F.
- CABLE TELEVISION (CATV) OUTLET PLASTER RING AT + 18" A.F.F. U.N.O. HUBBELL COVERPLATE. 3/4" C. TO CEILING SPACE UNLESS SHOWN WITH HOMERUNS.
- TELEPHONE SYSTEM CONDUIT HOMERUN WITH NYLON PULLWIRE (1" C. MIN UNO)
- CLOSED CIRCUIT TV (CCTV) OUTLET SAME AS CATV OUTLET
- REMOTE CONTROL STATION @ +48" AFF
- DISCONNECT SWITCH, FUSE PER EQUIPMENT MANUFACTURERS RECOMMENDATION. OUTSIDE NEMA 3R - N.F. = NON-FUSED.
- COMBINATION STARTER AND FUSIBLE DISCONNECT SWITCH SIZE AS NOTED
- EQUIPMENT TERMINATION CONNECTION POINT VERIFY EXACT LOCATION LOAD AND VOLTAGE AS NOTED
- MOTOR
- SM THERMAL PROTECTED SWITCH
- MOTOR STARTER - SHADING INDICATES F.B.O.
- DISTRIBUTION PANELBOARD.
- BRANCH CIRCUIT PANELBOARD.
- CONDUIT BELOW FLOOR OR UNDERGROUND
- CONDUIT IN WALL OR ABOVE CEILING
- HOMERUN TO PANEL
- CONDUIT TURNING UP
- CONDUIT TURNING DOWN
- CONDUIT STUB-OUT, MARK AND CAP AS DIRECTED
- GROUND WIRE (SIZE AS NOTED) EXTENDED AND CONNECTED TO APP'D GROUND

SPECIFICATIONS

- PRIOR TO SUBMITTING BID, SUBCONTRACTORS SHALL EXAMINE ALL GENERAL CONSTRUCTION DRAWINGS AND VISIT THE CONSTRUCTION SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH HE WILL HAVE TO OPERATE AND WHICH IN ANY WAY AFFECTS THE WORK UNDER HIS CONTRACT. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.
- THE SUBCONTRACTOR SHALL BE HELD FULLY RESPONSIBLE FOR THE PROPER RESTORATION OF ALL EXISTING SURFACES REQUIRING PATCHING, PLASTERING, PAINTING AND /OR OTHER REPAIR DUE TO THE INSTALLATION OF ELECTRICAL WORK UNDER THE TERMS OF THE CONTRACT. CLOSE ALL OPENINGS, REPAIR ALL SURFACES, ETC., AS REQUIRED.
- SEE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS, ELEVATIONS AND BUILDING DETAILS. VERIFY LOCATION OF ALL OUTLETS, SWITCHES, AND WALL MOUNTED LIGHTING FIXTURES WITH ARCHITECTURAL DRAWINGS AND ACTUAL CONDITIONS. VERIFY ALL CEILING TYPES WITH ARCHITECTURAL DRAWINGS BEFORE ORDERING FIXTURES.
- PRIOR TO ROUGH-IN AND FINAL CONNECTION, VERIFY ELECTRICAL CHARACTERISTICS AND EXACT LOCATION OF EQUIPMENT.
- GROUT AND SEAL ALL CONDUIT PENETRATIONS OF WALLS AND FLOOR SLABS TO PRESERVE FIRE RATING AND WATERTIGHT INTEGRITY.
- BRANCH CIRCUIT WIRING SHALL BE THHN/THWN INSULATION. PANEL FEEDERS SHALL BE TYPE XHHW. ALL WIRE SHALL BE COPPER. MINIMUM WIRE SIZE SHALL BE #12.
- ALL WIRING TO BE INSTALLED IN RACEWAYS. TYPE OF RACEWAY SHALL BE AS REQUIRED BY CODE. MINIMUM CONDUIT SIZE SHALL BE 1/2".
- PROVIDE CODE SIZED BOND WIRE IN ALL EMT, FLEXIBLE CONDUIT
- ALL ELECTRICAL EQUIPMENT SHALL BE NEW , U.L. APPROVED AND COMMERCIAL GRADE.
- WIRE RATED FOR 150° CENTIGRADE SHALL BE USED FOR ALL INCANDESCENT LIGHTING FIXTURES.
- ALL ELECTRICAL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST NATIONAL CODE, (N.E.C.), AND ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES.
- PROVIDE TYPEWRITTEN DESCRIPTIVE PANEL DIRECTORIES

FIRE WALL/FLOOR PENETRATION

ALL PENETRATIONS OF FIRE RESISTIVE FLOORS OR SHAFT WALLS SHALL BE PROTECTED BY MATERIALS AND INSTALLATION DETAIL THAT CONFORM TO UNDERWRITERS LABORATORY'S LISTINGS FOR THROUGH PENETRATION FIRESTOP SYSTEMS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWING DETAILS WHICH SHOW COMPLETE CONFORMANCE WITH THE LISTING TO THE ARCHITECT AND SUCH DRAWINGS SHALL BE AVAILABLE TO THE LOCAL GOVERNING INSPECTORS. THE DRAWINGS SHALL BE SPECIFIC FOR EACH PENETRATION WITH ALL VARIABLES DEFINED.

GENERAL ELECTRICAL DEMOLITION NOTES

- RETURN REMOVED MATERIAL DEEMED SALVAGEABLE TO OWNER'S REPRESENTATIVE. MATERIALS DEEMED NOT SALVAGEABLE SHALL BE REMOVED FROM THE PREMISES.
- THE CONTRACTOR WILL EXAMINE THE PREMISES AND SATISFIED HIMSELF AS TO EXISTING CONDITIONS UNDER WHICH HE WILL BE OBLIGED TO PERFORM HIS WORK. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND THE CONTRACTOR SHALL FIELD VERIFY ALL DETAILS OF DEMOLITION.
- REMOVE ALL EXISTING WIRING DEVICES, LIGHT FIXTURES, WIRE, CONDUIT, DISCONNECTS, ETC. AS NOTED OR INDICATION WITHIN DEMOLITION AREA. (ALL ITEMS MAY NOT BE SHOWN.) REWORK AS NECESSARY ALL CIRCUITING WHICH REQUIRES CONTINUATION THROUGH THE AREA.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK REQUIRED TO REMOVE/RELOCATE ANY EXISTING ELECTRICAL EQUIPMENT SUCH THAT ELECTRIC SHOCK HAZARDS TO WORKMEN ARE ELIMINATED DURING DEMOLITION AND NEW CONSTRUCTION.
- REMOVED OR DAMAGED CONDUIT, WIRE AND FITTINGS SHALL NOT BE RE-USED
- WORK REQUIRED FOR EXISTING EQUIPMENT NOTED AS "EXISTING TO BE REMOVED" SHALL INCLUDE:
 - SALVAGING OR DISPOSING OF ALL MATERIAL OR EQUIPMENT AS DIRECTED BY OWNER OR OWNER'S REPRESENTATIVE.
 - REMOVAL OF FEEDER OR CABLING FROM EQUIPMENT TO POINT OF FEED.
 - REMOVAL OR RE-CIRCUITING (AS REQUIRED OR AS NOTED ON PANELS) OF ALL BRANCH CIRCUITING.
 - REMOVAL OF ALL FITTINGS, SUPPORTS, BRACKETS, ETC.
 - REPAIR AND PATCHING OF WALLS, FLOORS AND CEILINGS TO MATCH EXISTING OR PER ARCHITECT'S INSTRUCTIONS.
 - CAPPING OF IN-SLAB FEEDER CONDUITS FLUSH WITH THE FINISHED FLOOR.
 - CAPPING OF FEEDER CIRCUITS AT 6" ABOVE OR BELOW THE FLOOR OR CEILING FOR IN-SLAB CONDUITS LOCATED UP NEXT TO A WALL OR FOR CEILING AREA CONDUITS.
 - THE OPPOSITE END LOCATION OF ALL EMPTY FEEDER CONDUITS AT SWITCHBOARDS, PANELBOARDS, ETC., SHALL BE MARKED USING AN ENGRAVED BRASS TAG ATTACHED TO THE CONDUIT.
 - EXISTING FEEDER CONDUITS SHALL BE REMOVED OR CUT OFF AND ABANDONED IF FOUND TO BE UNSALVAGEABLE BY THE OWNER, ARCHITECT OR ENGINEER.
- EXISTING EQUIPMENT NOT IMPLICITLY SHOWN ON THE DRAWINGS IS INTENDED TO BE "EXISTING TO REMAIN, " UNLESS NOTED OTHERWISE.

EXISTING DISTRIBUTION SECTION 'DP'
600A-120/240V -1 PHASE -3 WIRE
NEMA 3R, BRACED FOR 42,000 AIC MIN.
SQUARE D

EXIST.
200/2P

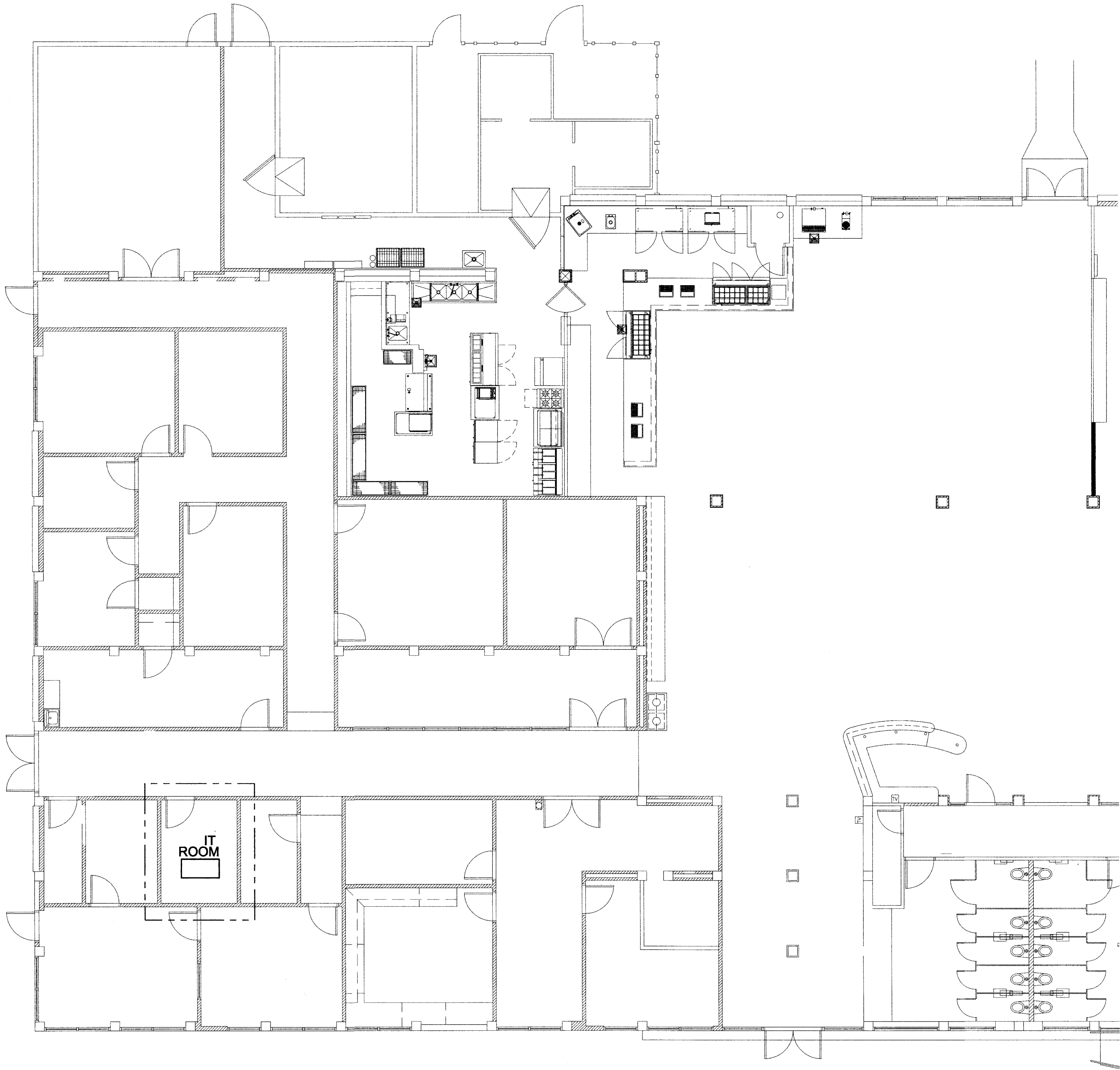
EXISTING

NEW LOAD WILL NOT OVERLOAD
'DP' PANEL OR SERVICE

PNL. 'A'
KITCHEN PNL.

PARTIAL EXISTING ONE-LINE DIAGRAM

N.T.S.



Partial IT Floor Plan

Scale: 1/16"=1'-0"



ELECTRICAL DESIGN & CADD SERVICES INC.
1600 LAMB LANE
PRESCOTT, AZ. 86305
PH. (928) 776-4800
FAX (928) 776-7800
E-MAIL: EES@CABLEONE.NET

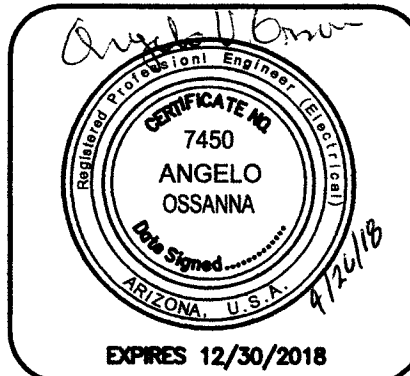
ALL WIRING #6 AWG AND LARGER SHALL BE
XHHW COPPER. #8 AWG AND SMALLER SHALL
BE THHN/THWN COPPER

OUTLET MOUNTING HEIGHTS PER AMERICAN DISABILITY ACT

SWITCHES	+48" (MAX)
RECEPTACLES	+18" (MIN)
TELEPHONE/DATA	+18" (MIN)
SIDE REACH	+54" (MAX)

REVISIONS	BY

These drawings are the property of
W. Alan Kenson & Associates P.C.,
and may not be reproduced in any
way without the written consent of
W. Alan Kenson & Associates, P.C.



W. Alan Kenson & Associates, P.C.

P.O. Box 11593
Prescott, AZ 86304

P 928-443-5812
F 928-443-5815

email: waka@cableone.net

www.kenson-associates.com

ARCHITECTURE & PLANNING

DRAWING: Electrical Symbols, One-Line Diagram,
Spec's., Notes & Partial Floor Plan

PROJECT: ERAU B16 WOW Cafe Remodel
5700 Willow Creek Road
Prescott, AZ. 86301

APN: 108-03-004

DRAWN BY

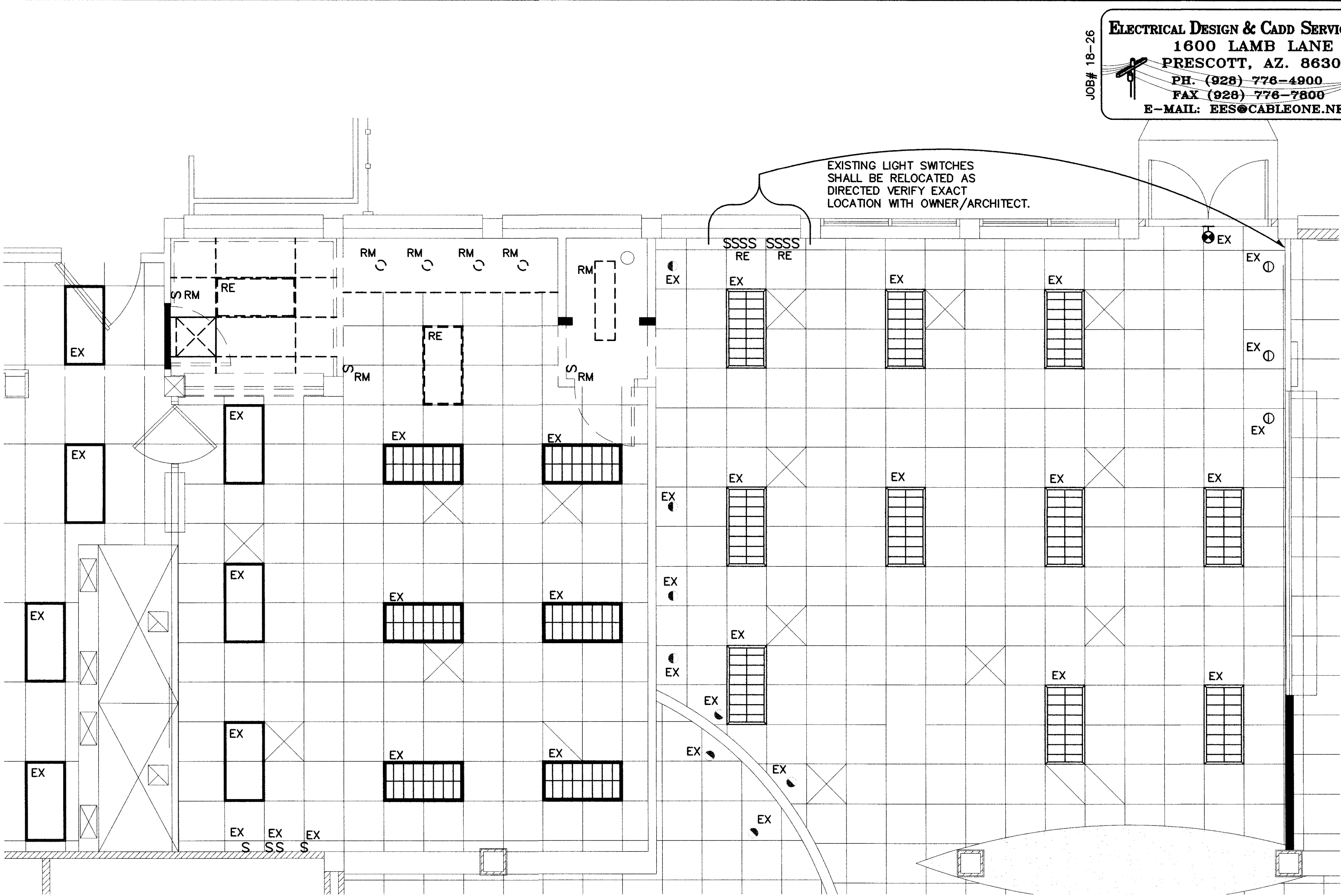
CHECKED BY
A.O.

DATE
April 2nd, 2018

JOB NO.
719

SHEET

E1.0



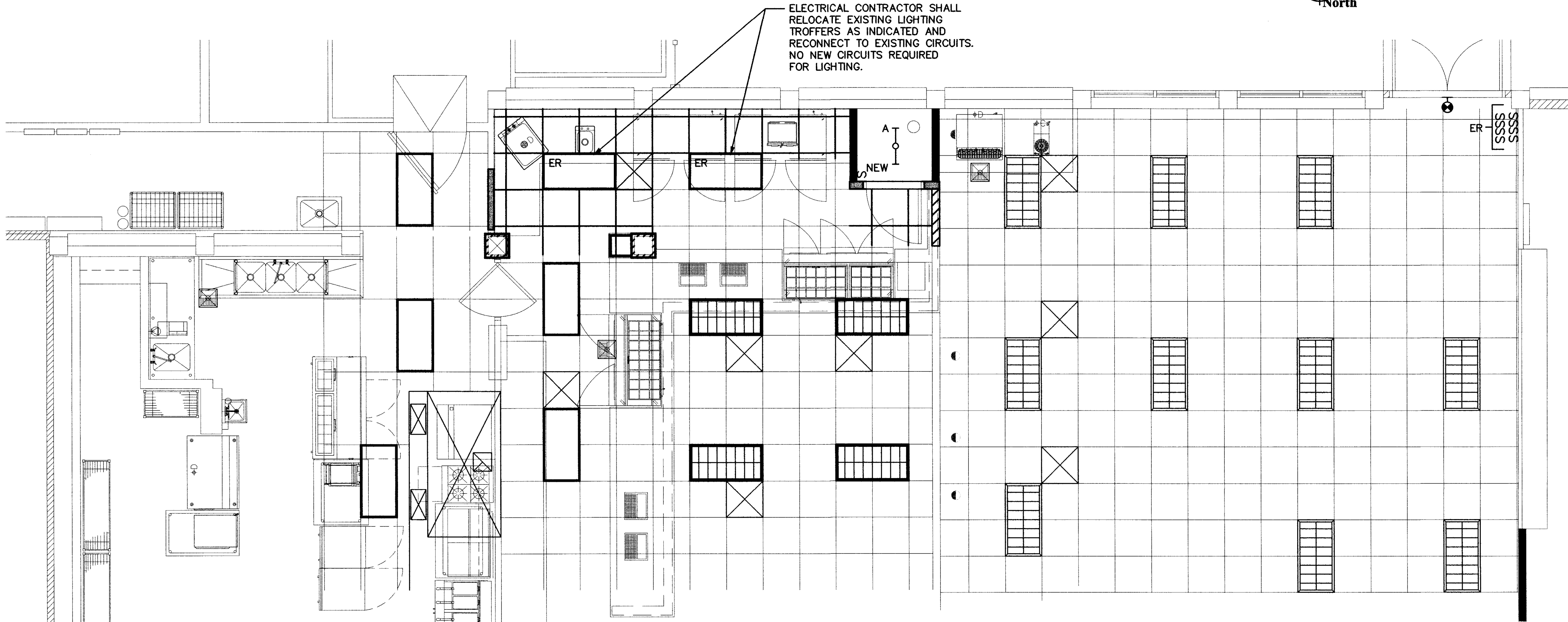
- GENERAL LIGHTING NOTES:
1. CONTRACTOR SHALL VERIFY ALL MOUNTING HEIGHTS, EXACT LOCATION AND REQUIREMENTS OF ALL LIGHTING FIXTURES AND SWITCHES WITH OWNER PRIOR TO ROUGH-IN.
 2. NIGHT LIGHTS (NL), EMERGENCY & EXIT LIGHT FIXTURES SHALL BE CONNECTED TO UNSWITCHED LEG OF CIRCUIT.
 3. ROMAX IS NOT ALLOWED.

ABBREVIATIONS	
EX	EXISTING LIGHT OR DEVICE TO REMAIN
RE	EXISTING LIGHT OR DEVICE TO BE REPLACED OR RELOCATED EXTEND CIRCUITING AS REQUIRED IF NOT SHOWN.
ER	REPLACED OR RELOCATED LIGHT OR DEVICE
RM	REMOVED LIGHT OR DEVICE
A.F.F.	ABOVE FINISHED FLOOR (ϕ OF OUTLET)
A.F.G.	ABOVE FINISHED GRADE (ϕ OF OUTLET)
E.C.	EMPTY CONDUIT
UNO	UNLESS OTHERWISE NOTED
FBO	FURNISHED BY OTHERS
NL	NIGHT LIGHT
TYP	TYPICAL

LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER AND MODEL NO.	VOLTS	LAMPS	MOUNTING	FINISH	REMARKS
A	LITHONIA WL2 12L D13 LP830 NX	120	2' WL 12W LEDS	CEILING	WHITE	2' CEILING MOUNTED LED FIXTURE MOUNTED IN FIRE RISER ROOM

Demolition RCP Floor Plan

Scale: 1/4"=1'-0"



Lighting Floor Plan

Scale: 1/4"=1'-0"



ELECTRICAL DESIGN & CADD SERVICES INC.
1600 LAMB LANE
PRESCOTT, AZ. 86305
PH: (928) 776-4900
FAX: (928) 776-7800
E-MAIL: EES@CABLEONE.NET

REVISIONS BY

NO.	DESCRIPTION	DATE

These drawings are the property of W. Alan Kenson & Associates P.C., and may not be reproduced in any way without the written consent of W. Alan Kenson & Associates, P.C.

ANGLO OSSIANA
REGISTERED PROFESSIONAL ARCHITECT
STATE OF ARIZONA
EXPIRES 12/30/2018

W. Alan Kenson & Associates, P.C.

P 928-443-5812 P.O. Box 11593
F 928-443-5815 Prescott, AZ 86304
email: waka@cableone.net
www.kenson-associates.com

ARCHITECTURE & PLANNING

DRAWING: Electrical RCP Demo & Lighting Floor Plan

PROJECT: ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ. 86301

APN: 106-03-004

DRAWN BY

CHECKED BY
A.O.

DATE
April 2nd, 2018

JOB NO.
719

SHEET

E1.1

GENERAL POWER NOTES:

- CONTRACTOR SHALL VERIFY ALL MOUNTING HEIGHTS EXACT LOCATION AND REQUIREMENTS OF ALL ELECTRICAL EQUIPMENT AND DEVICES WITH ENG., OWNER OR ARCHITECT PRIOR TO ROUGH-IN.
- ELECTRICAL CONTRACTOR SHALL RE-USE EXISTING CIRCUITS WHENEVER POSSIBLE.
- ALL RECEPTACLES IN DELI, CAFE & AREAS WITH-IN 6'-0" OF A SINK SHALL BE GFCI TYPE PER NEC
- EXTERIOR & ROOF MOUNTED MAINT. RECEPT'S. SHALL BE WP, GFCI TYPE PER NEC
- VERIFY THE EXACT LOCATIONS OF ALL TELEPHONE OUTLETS, DATA OUTLETS AND SPECIAL SYSTEMS OUTLETS WITH THE ARCHITECT/OWNER PRIOR TO ROUGH-IN.
- ELECTRICAL CONTRACTOR SHALL PROVIDE COVER PLATES FOR ALL UNUSED OUTLETS, DATA OUTLETS AND SPECIAL SYSTEMS OUTLETS, FIELD VERIFY DEVICE NOT USED
- ELECTRICAL CONTRACTOR SHALL VERIFY MECHANICAL EQUIPMENT REQUIREMENTS BREAKER, DISC. & WIRE SIZE WITH MANUFACTURER PRIOR TO ROUGH-IN.

ELECTRICAL EQUIPMENT SCHEDULE

ITEM NO	QTY	EQUIPMENT CATEGORY	EQUIPMENT REMARKS	VOLTS	PHASE	AMPS	KW	HP	DIRECT PLUG	NEMA	ELECTRICAL AFF (IN)	ELECTRICAL REMARKS
5	2	REFRIGERATOR, UNDERCOUNTER		120	1	6.6		1/4	X	5-15P	15	
6	1	PANINI GRILLE, RIDGED PLATES		208	1	13.0			X	6-20P	48	
8	1	SODA DISPENSER	BY OPERATOR/VENDOR	120	1	10.0			X	5-15P	48	
8A	1	ICE MAKER		120	1	15.0			X		78	
9	1	TEA BREWER	BY OPERATOR/VENDOR	120	1	15.0			X	5-15P	48	
14	1	REFRIGERATOR, SANDWICH/SALAD PREP		120	1	7.6		1/4	X	5-15P	15	
16	4	POS		120	1	10.0			X	5-15P	15	PROVIDE EMPTY JB FOR DATA LINE
17	1	REFRIGERATED SANDWICH/SALAD PREP		120	1	8.2		1/4	X	5-15P	15	

DATA / COMMUNICATIONS:

HORIZONTAL COPPER

- PULL, TERMINATE, AND TEST A TOTAL OF 6 NEW DATA CABLES PER REMODEL PROGRAM.
- REMOVE EXISTING 2 DATA & 2 VOICE CABLES FROM CAFE COUNTER, THEN REFULL BACK, TERMINATE, AND TEST ONCE PATHWAY ESTABLISHED.
- TERMINATE HORIZONTAL DATA CABLES TO EXISTING 48-PORT CAT6 PATCH PANEL ROOM 110.

GENERAL

- USE BLUE COLORED CAT6 CABLE AND JACKS FOR DATA PORTS.
- INTERNAL BUILDING CABLES SHALL BE ROUTED IN FRAMED WALLS AND ABOVE CEILING. CABLES MAY BE NEATLY
- INTERNAL BUILDING CABLES SHALL BE ROUTED IN FRAMED WALLS AND ABOVE CEILING. CABLES MAY BE NEATLY SUSPENDED IN ENCLOSED CEILING AREAS USING CABLE HANGERS. CABLE MOLDING AND/OR SURFACE MOUNTED CONDUIT IS ACCEPTABLE IF THE CABLEING CAN NOT BE ROUTED IN WALLS AND/OR ABOVE CEILING. MATCH EXISTING WALL COLORS WITH ALL SURFACE MOUNTED ITEMS.
- IT HEAD END EQUIPMENT WILL BE OWNER SUPPLIED.

IT Port Counts

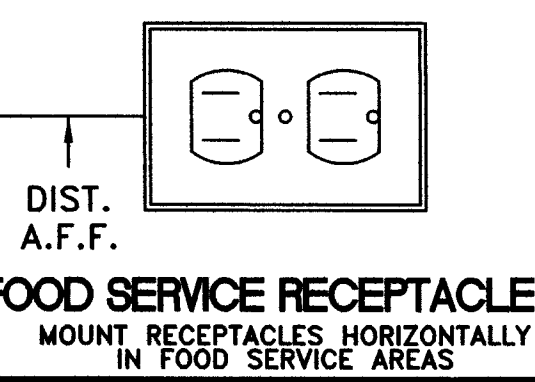
LOCATION	DESCRIPTION	DATA PORTS	VOICE PORTS	NOTES
100	DELI	4		1@2D NEW; 2@1D NEW
101	CAFE	4	2	2@1D NEW; 1@2D/2V EXISTING
	TOTALS	8	2	

ABBREVIATIONS

EX	EXISTING LIGHT OR DEVICE TO REMAIN
RE	EXISTING LIGHT OR DEVICE TO BE REPLACED OR RELOCATED EXTEND CIRCUITING AS REQUIRED IF NOT SHOWN.
ER	REPLACED OR RELOCATED LIGHT OR DEVICE
RM	REMOVED LIGHT OR DEVICE
A.F.F.	ABOVE FINISHED FLOOR (@ OF OUTLET)
A.F.G.	ABOVE FINISHED GRADE (@ OF OUTLET)
E.C.	EMPTY CONDUIT
UNO	UNLESS OTHERWISE NOTED
FBO	FURNISHED BY OTHERS
NL	NIGHT LIGHT
TYP	TYPICAL

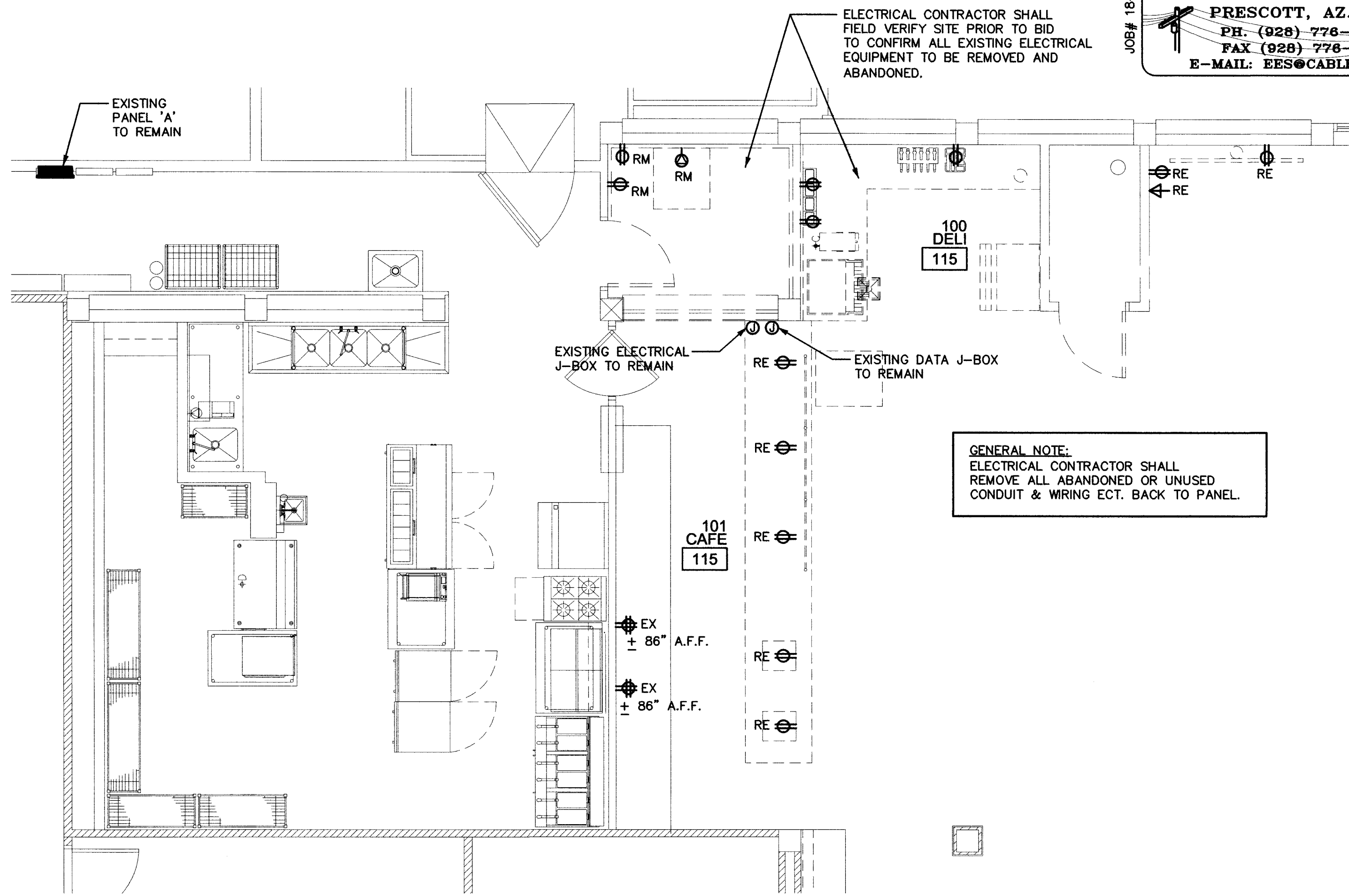
PANELBOARD SYMBOLS

- CONTINUOUS DUTY/LARGEST MOTOR @ 125%
- PROVIDE BREAKER W/ HANDLE "LOCK-ON" DEVICE
- EXISTING BREAKER W/ NEW LOAD
- EXISTING BREAKER W/ EXISTING LOAD
- NEW BREAKER W/ NEW LOAD



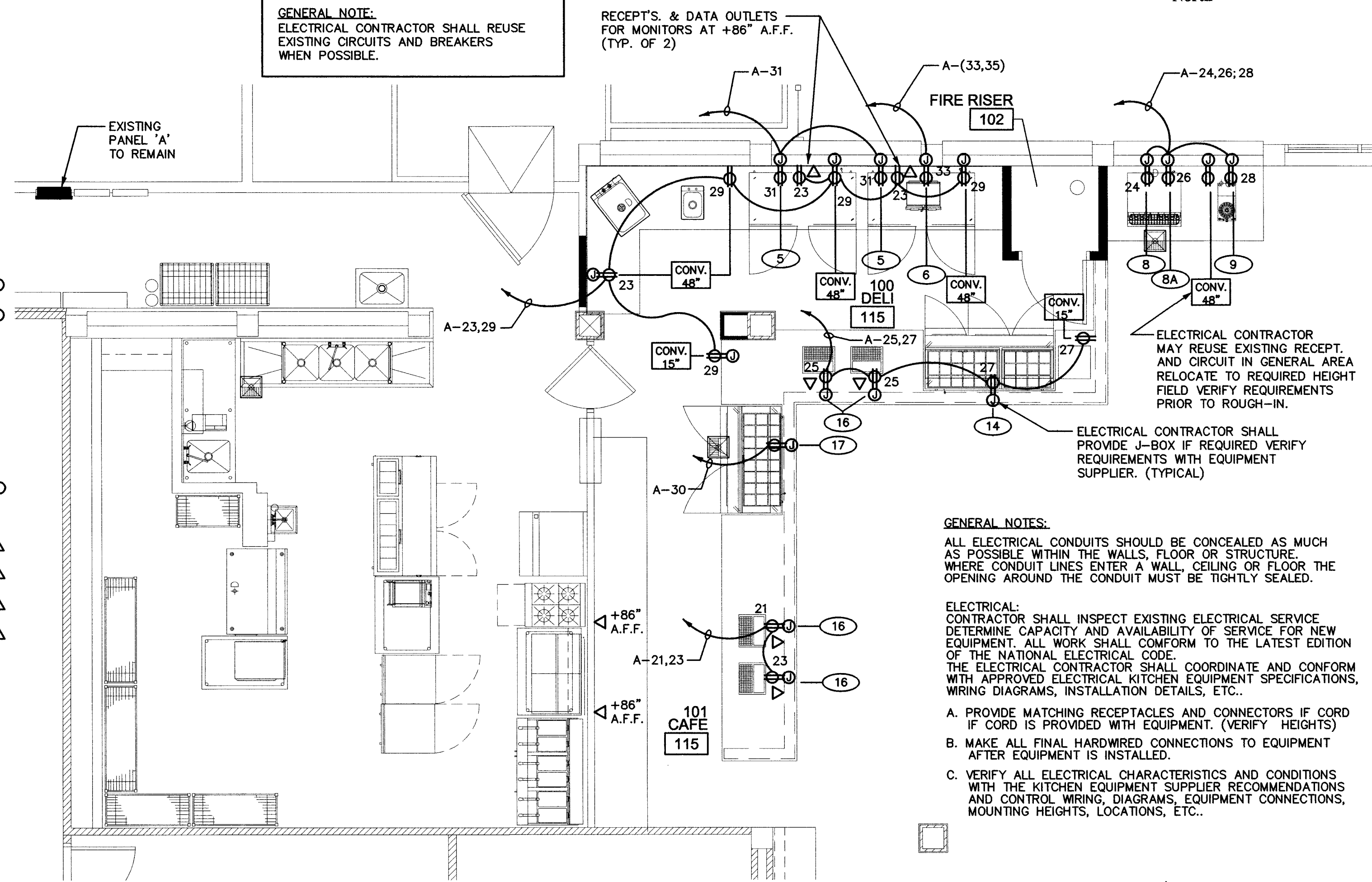
PANELBOARD A				SCHEDULE			
MAINS: 200A MCB				LOCATION: SEE PLAN			
VOLTAGE: 120/240V, 1Ø, 3W				MOUNTING: FLUSH			
TYPE: EXIST.				MIN. A.I.C.: EXISTING FIELD VERIFY			
CIRCUIT DESCRIPTION	BKR.	QTY	LOAD-VA	CIRCUIT DESCRIPTION	BKR.	QTY	LOAD-VA
EXISTING EQUIPMENT	50	1		SPACE	2		
	2			SPACE	4		
	15	5		EXISTING EQUIPMENT	6	1	
	20	7		SPACE	8	1	
	1	9			10		
	70	11			12		
	2	13			14		
SPACE		15			16		
	17				18		
	19			EXISTING EQUIPMENT	20		
RECEPT'S. - P.O.S.	16	20	2100		22	2	
RECEPT'S. - CONV. & MONITORS		23	720	SODA DISPENSER	8		
RECEPT'S. - P.O.S.	16	25	2000		24	1	
		1800		ICE MAKER	8A		
REFRIGERATOR SANDWICH/SALAD	14	27	912		26	1	
		1800		TEA BREWER	9		
RECEPT'S. - CONV.		29	540		28	1	
		984		REFRIGERATOR SANDWICH/SALAD	17		
REFRIGERATOR UNDERCOUNTER (2)	5	31	1584		30	1	
				SPACE	32		
PANINI GRILLE	6	20	33 1487		34		
		35	1487		36		
SPACE		37			38		
		39			40		
		41			42		
TOTAL LOAD PER PHASE: EXISTING ESTIMATED LOAD:			13500				13500
				HI#		13500 / 120V =	112.5 AMPS
NEW ADDED LOAD:			8811			8811 / 120V =	73.4 AMPS
TOTAL LOAD:			22311			22311 / 120V =	185.9 AMPS

Demolition Power Floor Plan



GENERAL NOTE:
ELECTRICAL CONTRACTOR SHALL REUSE EXISTING CIRCUITS AND BREAKERS WHEN POSSIBLE.

RECEPT'S. & DATA OUTLETS FOR MONITORS AT +86" A.F.F. (TYP. OF 2)



GENERAL NOTES:

- ALL ELECTRICAL CONDUITS SHOULD BE CONCEALED AS MUCH AS POSSIBLE WITHIN THE WALLS, FLOOR OR STRUCTURE. WHERE CONDUIT LINES ENTER A WALL, CEILING OR FLOOR THE OPENING AROUND THE CONDUIT MUST BE TIGHTLY SEALED.
- ELECTRICAL CONTRACTOR SHALL INSPECT EXISTING ELECTRICAL SERVICE, DETERMINE CAPACITY AND AVAILABILITY OF SERVICE FOR NEW EQUIPMENT. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE AND CONFORM WITH APPROVED ELECTRICAL KITCHEN EQUIPMENT SPECIFICATIONS, WIRING DIAGRAMS, INSTALLATION DETAILS, ETC..
- PROVIDE MATCHING RECEPTACLES AND CONNECTORS IF CORD IS PROVIDED WITH EQUIPMENT. (VERIFY HEIGHTS)
- MAKE ALL FINAL HARDWIRED CONNECTIONS TO EQUIPMENT AFTER EQUIPMENT IS INSTALLED.
- VERIFY ALL ELECTRICAL CHARACTERISTICS AND CONDITIONS WITH THE KITCHEN EQUIPMENT SUPPLIER RECOMMENDATIONS AND CONTROL WIRING, DIAGRAMS, EQUIPMENT CONNECTIONS, MOUNTING HEIGHTS, LOCATIONS, ETC..

ELECTRICAL DESIGN & CADD SERVICES INC.
1600 LAMB LANE
PRESCOTT, AZ. 86305
PH: (928) 776-4900
FAX: (928) 776-7600
E-MAIL: EES@CABLEONE.NET

REVISIONS
BY

These drawings are the property of W. Alan Kenson & Associates P.C., and may not be reproduced in any way without the written consent of W. Alan Kenson & Associates, P.C.

W. Alan Kenson & Associates, P.C.
P.O. Box 11593
Prescott, AZ 86304
P 928-443-5812
F 928-443-5815
email: waka@cableone.net
www.kenson-associates.com
ARCHITECTURE & PLANNING

DRAWING: Electrical Demo & Power Floor Plan

PROJECT: ERAU B16 WOW Cafe Remodel
3700 Willow Creek Road
Prescott, AZ, 86301
106-03-004

APN:

DRAWN BY

CHECKED BY
A.O.
DATE
April 2nd, 2018

JOB NO.
719
SHEET

E1.2