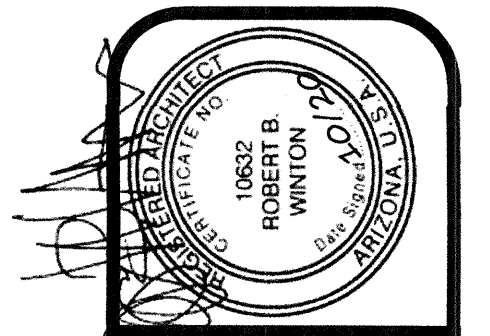


LIN'S GRAND BUFFET

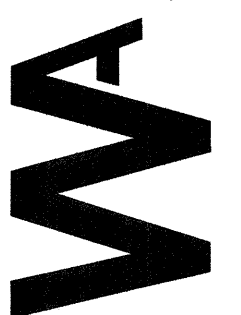
HWY 287 AT PEARL RD.

CASA GRANDE, ARIZONA

LOGOS BUILDERS SOUTHWEST



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REMODEL FOR RESTAURANT
 1564 E. FLORENCE BLVD.
 CASA GRANDE, ARIZONA
 LOGOS BUILDERS SOUTHWEST

job no. 20118
 drawn LB
 approved RBW
 date 7/10/20

revisions

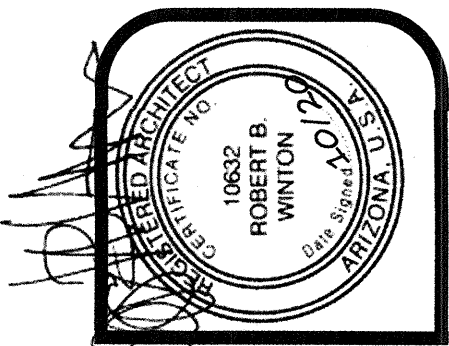
COVER
 47

SCHEDULE OF SHEETS

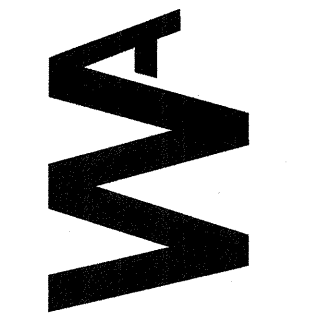
Cover	General Construction Notes, Schedule of Sheets
SP-1	Site Plan, Project Data
D-1	Demolition Plan
A-1	Foundation Plan
A-2	Floor Plan
A-2.1	Overall Floor Plan, Keynotes
A-3	Exterior Elevations
A-4	Building Sections
A-4.1	Building Sections
S-1	General Structural Notes
S-2	Footing Details
S-3	Foundation Plan
M-1	Mechanical Floor Plan
M-2	Mechanical Notes, Schedules
P-1	Plumbing Floor Plan-Waste, Vent piping
P-2	Plumbing Floor Plan- Water Piping
P-3	Plumbing Floor Plan- Gas Piping
P-4	Waste and Vent Diagram, Notes
E-0.0	Electrical Specifications
E-0.1	Electrical Equipment Requirements
E-1.0	Electrical Power Plan
E-2.0	Electrical Lighting Plan
E-3.0	Electrical HVAC Plan
E-4.0	Panel Board Schedule
E-5.0	One Line Diagram
FS1.0	Equipment Floor Plan
FS1.1	Equipment Schedule
FS1.2	Equipment Schedule
FS2.0	Plumbing Rough In Plan
FS2.1	Plumbing Rough In Plan
FS2.2	Plumbing Rough In Plan
FS2.3	Plumbing Rough In Plan
FS3.0	Electrical Rough In Plan
FS4.0	Mechanical Rough In Plan
FS4.1	Mechanical Specifications
FS4.2	Mechanical Specifications
FS4.3	Mechanical Specifications
FS4.4	Mechanical Specifications
FS4.5	Mechanical Specifications
FS4.6	Mechanical Specifications
FS4.7	Mechanical Specifications
FS4.8	Mechanical Specifications
FS4.9	Mechanical Specifications
FS4.10	Mechanical Specifications
FS4.11	Mechanical Specifications
FS5.0	Special Conditions Plan
FS6.0	Walk In Specifications

GENERAL CONSTRUCTION DOCUMENT NOTES

- The contractor or sub contractor will inspect the premises prior to his commencing work to check existing working conditions. Should contractor or subcontractor find conditions which he believes would impede his work, then such conditions must be reported immediately to the architect. Failure to so advise will constitute notice that the contractor is fully satisfied and that he intends to perform his obligations with no allowance either in time or money for any impediments to his work.
- Contractor shall verify all dimensions and conditions in field. If dimensional error occurs or conditions not covered on the drawings is encountered, contractor shall notify the architect before commencing that portion of the work.
- Details, notes and finishes shall be applicable to all typical conditions whether or not referenced at all places.
- The contractor shall take all necessary precautionary measures to protect the public and adjacent properties from damages throughout construction. He shall meet the latest requirements of the United States Department of Labor Occupational Safety and Health Standards and comply with: the Manual of Accident Prevention in Construction; all applicable safety and sanitary laws, regulations and ordinances; and any safety rules or procedures established by the Owner for the project.
- The contractor is exclusively responsible for loss or expense resulting from injury on the project site. He assumes all risks in the performance of the work and is responsible for supervision, materials, equipment and labor required to implement the plans and specifications.
- The contractor is solely responsible for supervision, safety, administration and all phases of its contract. He is also responsible for scheduling, coordinating, management and administration or sub consultants.
- The contractor shall verify any new mechanical unit loads at roof and/or suspended below and their locations. Notify the architect of any changes in size or location.
- The contractor shall verify the location of existing utilities and protect the same.
- All work shall comply with all applicable codes and ordinances.
- All manufactured articles, materials and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned in accordance with the manufacturer's written specification or instruction unless hereinafter specified to the contrary.
- Dimensions take precedence over scale or construction documents.
- All work shall be executed in a neat and workmanlike manner, acceptable to Owner.
- When work not specifically called out is required to complete the project, it shall be provided and be of the best materials and workmanship.
- Contractor shall guarantee all workmanship and materials for a period of one year from the date of substantial completion (in writing).
- Unless otherwise specifically noted, the contractor shall provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, transportation, and other facilities and services necessary for proper execution and completion of the work.
- The contractor shall pay for all fees, permits, etc. necessary for proper completion of work. (U.N.O.)
- The contractor warrants to the owner and the architect that all materials and equipment furnished under this contract will be new unless otherwise specified, and that all work will be good quality, free from faults and defects and in conformance with the construction documents. All work not conforming to these standards may be considered defective. It is understood that no inferior or non-conforming work or materials will be accepted whether discovered at the time they are incorporated in the work or at any time before or after final acceptance. If required by the architect, the contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.
- The warranties and guarantees provided in the construction documents shall be in addition to and not in limitation of any other warranty or guaranty or remedy required by law or by the construction documents.
- The contractor is to provide warning signs and lights, barricades, railings and other safeguards.
- The design professional's inspection for compliance with the plans and specifications shall NOT be deemed supervision or control of construction means or methods employed by the contractor or any subcontractor.



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 CASA GRANDE, ARIZONA
 LOGOS BUILDERS SOUTHWEST

job no. 20118
 drawn LB
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revisions
 OWNER 10/23/20
 OWNER 1/18/21

SP-1

PROJECT DATA

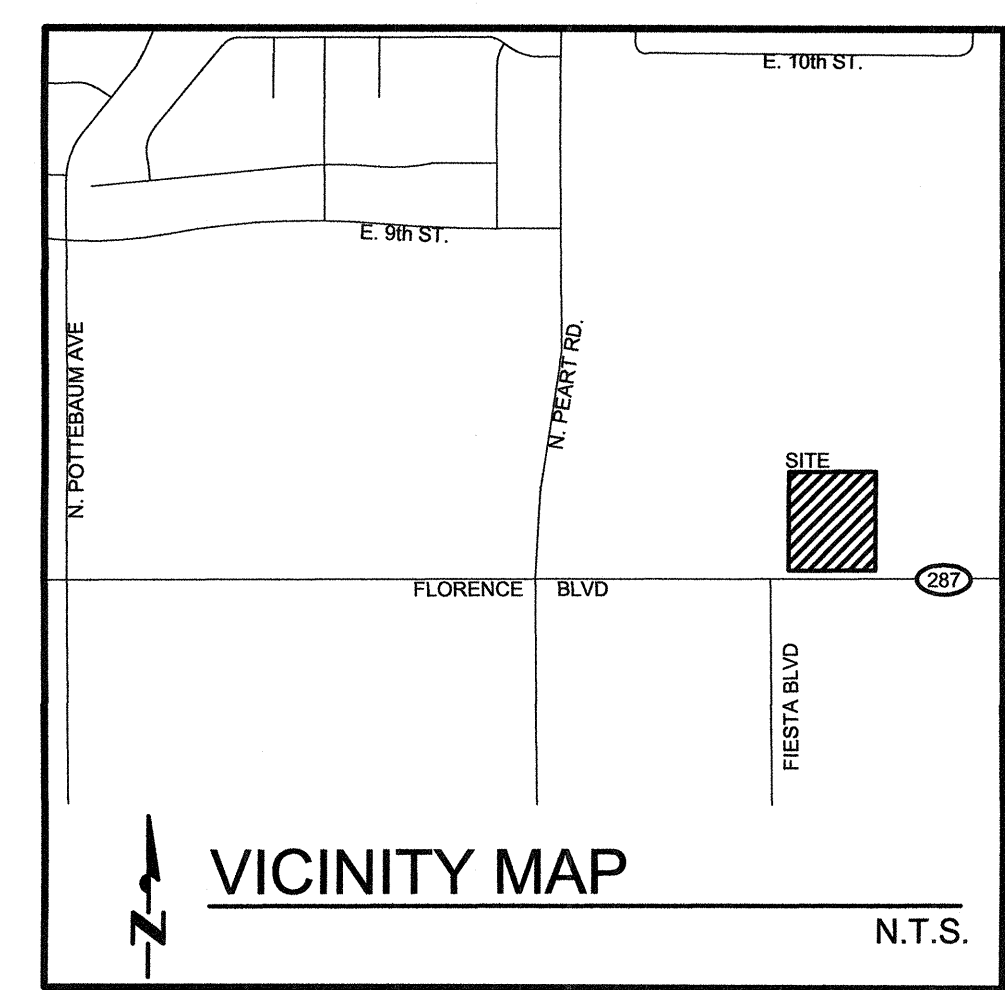
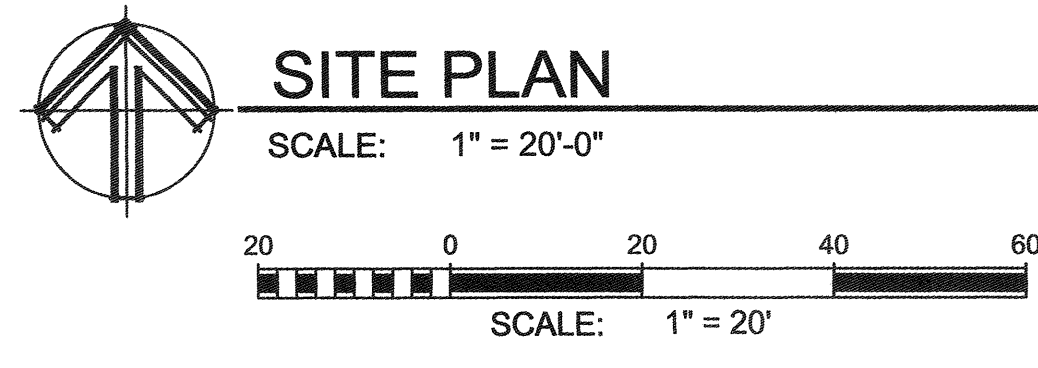
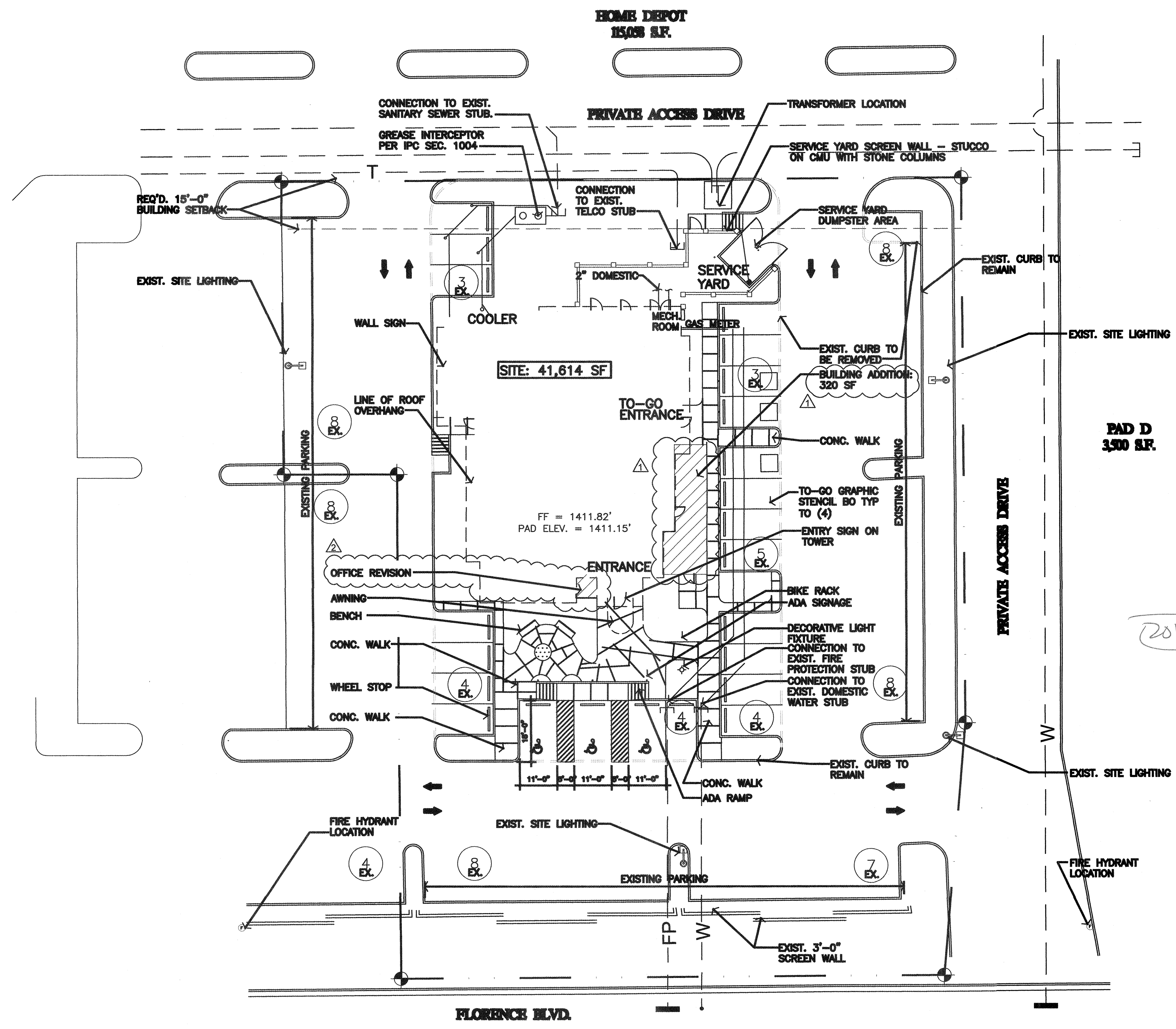
ADDRESS: 1564 E. Florence Blvd
 ZONING: PAD
 CONSTRUCTION TYPE: VB, AFES
 ALLOWABLE AREA: 24,000 SF
 OCCUPANCY: A-3
 BUILDING HEIGHT: 26'-4"
 BUILDING AREA: Existing= 5132 SF
 New Addition= 329 SF
 Total= 5,461 SF
 PARKING REQUIRED: 90% x 5461=4915/100= 50 Spaces
 PARKING PROVIDED: 62 Spaces
 ACCESSIBLE SPACES REQUIRED: 3 Spaces
 ACCESSIBLE SPACES PROVIDED: 3 Spaces
 SEATING CAPACITY: TBD
 LEGAL DESCRIPTION: PAD 'C' - Casa Grande Market

APPLICABLE CODES

- 2017 National Electrical Building Code (NEC)
- 2018 International Building Code (IBC)
- 2018 International Energy Conservation Code (IECC)
- 2018 International Existing Building Code (IEBC)
- 2018 International Fire Code (IFC)
- 2018 International Fuel Gas Code (IFGC)
- 2018 International Mechanical Code (IMC)
- 2018 International Plumbing Code (IPC)
- City of Casa Grande Building and Technical Administration Code, 2019 Edition

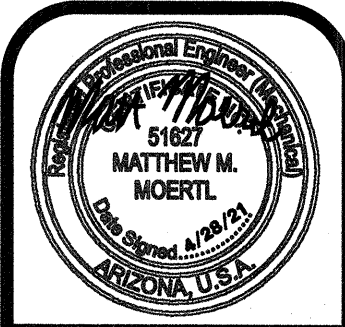
SCOPE OF WORK

This is an existing Restaurant that is being converted to a Chinese Restaurant. The inside was based on drawings could be created for a new permit. Work includes Structural, Architectural, Electrical, Mechanical/Plumbing and Kitchen Design.

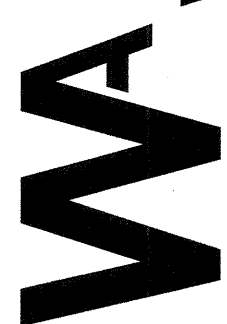


20118

PAD D
3,500 SF.



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1564 E. FLORENCE BLVD.
CASA GRANDE, ARIZONA
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drawn MMM
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revisions

M-2

DIFFUSER, REGISTER AND GRILLE SCHEDULE								
MARK	DESCRIPTION	MANUFAC	MODEL #	MATERIAL	FRAME	FACE	DAMPER	FINISHED
CD-1	CEILING DIFFUSER	PRICE	SCD	STEEL	LAY-IN	SQUARE BLADE	NO	WHITE
CD-2	CEILING DIFFUSER	PRICE	PDC	STEEL	LAY-IN	PERFORATED	NO	WHITE
CD-3	CEILING DIFFUSER	PRICE	ARCDE	ALUM	SURFACE	ROUND BLADE	NO	BLACK

NOTES:
1) ALL BLOW PATTERN ARE FOUR WAY UNLESS NOTED OTHERWISE.
2) CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR COORDINATION OF ALL CEILING FRAMES.
3) COORDINATE FINISH OF ALL AIR DISTRIBUTION WITH GENERAL CONTRACTOR/ARCHITECT

OUTSIDE AIR CALCULATION

PER 2018 I.M.C. SECTION 403.3 AND TABLE 403.3.1

KITCHEN:

Rp = 7.5 CFM/PERSON
Pz = 20 PEOPLE/1000 SQ. FT. = 29.7 PEOPLE
Ra = 0.12 CFM/SQ. FT.
Az = 1489 SQ. FT.
V = Rp x Pz + Ra x Az = 401 CFM OSA

DINING:

Rp = 7.5 CFM/PERSON
Pz = 70 PEOPLE/1000 SQ. FT. = 208 PEOPLE
Ra = 0.18 CFM/SQ. FT.
Az = 2981 SQ. FT.
V = Rp x Pz + Ra x Az = 2088 CFM OSA

2489 TOTAL CFM OF OUTSIDE AIR IS REQUIRED.
3500 CFM OF OUTSIDE AIR IS PROVIDED.

AIR BALANCE SCHEDULE

MARK	OSA	EXHAUST	MUA	PRESSURE
AC UNITS	3500	-	-	+3500
KEF-1	-	3450	-	-3450
KEF-2	-	3900	-	-3900
KEF-3	-	1500	-	-1500
KEF-4	-	3000	-	-3000
KEF-5	-	1050	-	-1050
MUA-1	-	-	5818	+5818
MUA-2	-	-	3600	+3600
TOTAL	3500	12900	9418	+18

MECHANICAL EQUIPMENT SCHEDULE

KITCHEN EXHAUST FANS

KEF-1 ROOF MOUNTED CENTRIFUGAL/UPBLAST/DIRECT DRIVE/3450 CFM @ 1.0' ESP/2 HP MOTOR/20BV THREE PHASE/CAPTIVE/RE #DU180HFA/200 LBS.
KEF-2 ROOF MOUNTED CENTRIFUGAL/UPBLAST/DIRECT DRIVE/3900 CFM @ 1.1' ESP/3 HP MOTOR/20BV THREE PHASE/CAPTIVE/RE #DU180HFA/200 LBS.
KEF-3 ROOF MOUNTED CENTRIFUGAL/UPBLAST/DIRECT DRIVE/1500 CFM @ 1.0' ESP/0.75 HP MOTOR/20BV THREE PHASE/CAPTIVE/RE #DU85HFA/100 LBS.
KEF-4 ROOF MOUNTED CENTRIFUGAL/UPBLAST/DIRECT DRIVE/3000 CFM @ 1.4' ESP/3 HP MOTOR/20BV THREE PHASE/CAPTIVE/RE #DU180HFA/200 LBS.
KEF-5 ROOF MOUNTED CENTRIFUGAL/UPBLAST/DIRECT DRIVE/1050 CFM @ 0.4' ESP/0.5 HP MOTOR/115V SINGLE PHASE/CAPTIVE/RE #DU50HFA/80 LBS.

NOTE: KITCHEN EXHAUST FANS TO BE PROVIDED BY KITCHEN SUPPLIER. MECHANICAL CONTRACTOR TO INSTALL AND MAKE CONNECTIONS TO EXHAUST HOODS (PROVIDED BY KITCHEN SUPPLIER)

KITCHEN MAKE-UP AIR UNITS

MUA-1 ROOF MOUNTED/DOWN DISCHARGE/5818 CFM @ 0.5' ESP/3 HP MOTOR/20BV THREE PHASE/CAPTIVE/RE #A3-24B/1100 LBS.
MUA-2 ROOF MOUNTED/DOWN DISCHARGE/3600 CFM @ 0.4' ESP/1.5 HP MOTOR/20BV THREE PHASE/CAPTIVE/RE #A2-20B/700 LBS.

NOTE: KITCHEN MAKE-UP AIR UNIT TO BE PROVIDED BY KITCHEN SUPPLIER. MECHANICAL CONTRACTOR TO INSTALL AND MAKE CONNECTIONS TO EXHAUST HOODS (PROVIDED BY KITCHEN SUPPLIER)

MECHANICAL NOTES

(ALL WORK DONE TO BE IN COMPLIANCE WITH 2018 INTERNATIONAL MECHANICAL CODE, 2018 IECC AND LOCAL AMENDMENTS).

GENERAL

- BUILDING IS EXISTING SINGLE STORY.
- FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, FEES, PERMITS, CERTIFICATE OF INSPECTION, ETC. NECESSARY OR REASONABLY REQUIRED FOR THE COMPLETE INSTALLATION OF ALL AIR CONDITIONING WORK. THE WORK SHALL BE IN STRICT ACCORDANCE WITH THE ASHRAE GUIDE, AND ALL LOCAL AND STATE CODES, ORDINANCES AND REGULATIONS.
- COORDINATE ALL MECHANICAL WORK WITH ARCHITECT AND OTHER TRADES PRIOR TO WORK.
- ALL OUTSIDE AIR INTAKES SHALL BE MINIMUM 10 FEET FROM ANY EXHAUST OR PLUMBING VENTS - COORDINATE WITH PLUMBING CONTRACTOR.
- EXHAUST DUCTS MUST TERMINATE 10 FEET HORIZONTALLY FROM OR 3 FEET ABOVE ALL AIR INTAKES.
- SUBMITTALS SHALL BE PROVIDED FOR ALL MECHANICAL EQUIPMENT.
- CONTRACTOR SHALL VERIFY SCALE OF DRAWINGS WITH ARCHITECTURAL DRAWINGS BEFORE SUBMITTING ANY BID.
- MECHANICAL CONTRACTOR SHALL VERIFY AND COORDINATE SIZE AND LOCATION OF ALL EXISTING HVAC EQUIPMENT. EXISTING EQUIPMENT AND DUCTWORK SHALL BE CLEANED AND SERVICED. CONTRACTOR SHALL REPLACE ALL WORN OR DEFECTIVE PARTS AND RETURN ALL EXISTING EQUIPMENT AND REUSED DUCTS TO GOOD WORKING CONDITION. INFORM OWNER/LANDLORD OF MAJOR REPAIRS REQUIRED TO MAKE EXISTING UNITS OPERATIONAL. CONTRACTOR SHALL VERIFY EXISTING DUCT AND HVAC MATERIALS NOTIFIED WITH WRITTEN APPROVAL OF THE OWNER/LANDLORD. EXISTING CONDITIONS SHALL BE VERIFIED PRIOR TO SUBMITTING BID.
- FIELD COORDINATE THAT EXISTING AIR CONDITIONING UNITS ARE EQUIPPED WITH FACTORY FILTER RACKS - IF NONE EXIST, FURNISH AND INSTALL FILTER RACKS OR PROVIDE FILTER RETURN AIR GRILLES.
- MECHANICAL CONTRACTOR SHALL VERIFY THAT NEW HVAC EQUIPMENT SPECIFIED WILL PROPERLY FIT ON EXISTING ROOF CURBS. OR PROVIDE APPROPRIATE CURB ADAPTER FOR SPECIFIED EQUIPMENT AS REQUIRED.

EQUIPMENT

- MECHANICAL CONTRACTOR TO VERIFY AND COORDINATE AVAILABLE VOLTAGE WITH ELECTRICAL CONTRACTOR PRIOR TO ORDERING EQUIPMENT.
- ALL MECHANICAL EQUIPMENT LOCATION TO COMPLY WITH THE 2018 I.M.C.
- ALL HVAC EQUIPMENT (EXHAUST FANS, ETC.) SHALL BE UL LISTED.
- ALL MOTORS SHALL BE INHERENTLY THERMALLY PROTECTED.
- CONTRACTOR SHALL MOUNT ALL MECHANICAL EQUIPMENT LEVEL IN CONFORMANCE WITH MANUFACTURER'S INSTRUCTIONS, MAINTAINING ALL MINIMUM RECOMMENDED CLEARANCES. PROVIDE ONE SET OF FARR 30-30 THROWAWAY FILTERS AND ONE SET OF FINAL FILTERS, FRAMES, MOUNTING HARDWARE AND ACCESSORIES. PROVIDE ONE SET OF THROWAWAY FILTERS FOR USE DURING THE CONSTRUCTION PERIOD. REMOVE THE FIRST SET OF THROWAWAY FILTERS AFTER THE CONSTRUCTION PERIOD AND INSTALL THE SECOND SET OF FINAL FILTERS (PRIOR TO BALANCING THE SYSTEM).

DUCTWORK

- PROVIDE BALANCING DAMPERS AT ALL BRANCH CONNECTIONS.
- THE MAXIMUM LENGTH OF ANY FLEX DUCT SHALL NOT EXCEED 8 FEET.
- ALL BRANCH CONNECTIONS SHALL BE A MINIMUM OF 2 FEET AWAY FROM ANY ELBOW.
- ALL DUCTS SHALL BE GALVANIZED SHEET METAL. ALL NEW DUCTWORK TO BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH ASHRAE GUIDELINES, THE LATEST SMACNA STANDARDS, THE 2018 I.E.C.C. AND CHAPTER 6 OF THE 2018 INTERNATIONAL MECHANICAL CODE FOR LOW PRESSURE DESIGN.
- ALL FLEX DUCTS SHALL BE THERMAFLEX TYPE KM MIN R-6 VALUE OR APPROVED EQUAL CONFORMING TO UL 181, NFPA 90A AND 90B.
- MECHANICAL CONTRACTOR SHALL VERIFY THAT ALL DUCTWORK WILL FIT WHERE INDICATED WITHOUT INTERFERING WITH OTHER SYSTEMS.
- DUCTS SHALL CONFORM TO DIMENSIONS ON THE DRAWINGS UNLESS LOCATION OF STRUCTURAL MEMBERS PROHIBIT. IN CASE OF A CHANGE IN DIMENSIONS, CROSS SECTIONAL AREAS SHALL BE MAINTAINED.
- ALL DUCTS SHALL BE SUBSTANTIALLY SUPPORTED WITH HANGERS TO THE STRUCTURE. PLACING SUPPORTS NOT OVER 8 FEET APART ALONG THE LENGTH OF THE DUCT. SHEET METAL SHALL BE IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:
UP TO 12" WIDTH 26 GAUGE STEEL
13" TO 30" WIDTH 24 GAUGE STEEL
31" TO 60" WIDTH 22 GAUGE STEEL
- EXHAUST DUCTS SHALL BE MINIMUM 26 GAUGE GALVANIZED STEEL - SEE MECH EQUIPMENT SCHEDULE OR FLOOR PLAN FOR SIZE & TERMINATION POINT.
- ALL FACTORY MADE DUCT MUST BE CLASS "C" OR CLASS "1".
- PROVIDE FULL RADIUS ELBOWS, TURNING VANES, AND SPLITTER DAMPERS IN BRANCHES AND EXTRACTORS WHERE APPLICABLE.
- DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- ALL SUPPLY AND RETURN DUCTS LOCATED IN UNCONDITIONED SPACES SHALL HAVE A MINIMUM OF R-8 INSULATION IN ACCORDANCE WITH THE 2018 IECC, C403.2.7.
- ALL JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS AND CONNECTIONS IN DUCTWORK SHALL BE SECURELY FASTENED AND SEALED WITH WELDS, GASKETS, MASTICS (ADHESIVES), MASTIC-PLU-EMBED-FABRIC SYSTEMS OR TAPES. TAPES AND MASTICS USED TO SEAL DUCTWORK SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 181A AND SHALL BE MARKED 181A-P FOR PRESSURE SENSITIVE TAPE. TAPES AND MASTICS USED TO SEAL FLEXIBLE AIR AIR DUCT AND FLEXIBLE CONNECTORS SHALL COMPLY WITH UL 181B AND SHALL BE MARKED 181B-FX FOR PRESSURE SENSITIVE TAPE OR 181M FOR MASTIC. DUCT CONNECTION TO FLANGES OF AIR DISTRIBUTION SYSTEM EQUIPMENT SHALL BE SEALED AND MECHANICALLY FASTENED. UNLISTED DUCT TAPE IS NOT PERMITTED AS SEALANT ON ANY METAL DUCTS.

EXPOSED DUCTWORK

- EXPOSED DUCTS AND FITTINGS SHALL BE ROUND SPIRAL LOCK SEAM GALVANIZED SHEET METAL.
- DUCTS SHALL BE SINGLE WALL ACOUSTICALLY LINED FACTORY FABRICATED DUCT AND FACTORY FABRICATED FITTINGS AS MANUFACTURED BY MCGILL AIRFLOW OR APPROVED.
- ALL DUCTWORK SHALL BE ACOUSTICALLY LINED THE FULL LENGTH OF THE DUCT, SUPPLY AND RETURN.
- ALL DIMENSIONS FOR LINED DUCTWORK ARE TO THE INSIDE OF THE LINER.
- ACOUSTICAL DUCT LINER SHALL BE 1 INCH THICK 3 LB DENSITY, EPA REGISTERED ANTIMICROBIAL EROSION-RESISTANT AIR SIDE COATING.

OUTLETS

- THE MECHANICAL CONTRACTOR SHALL COORDINATE EXACT DIFFUSER AND GRILLE LOCATIONS WITH ELECTRICAL CONTRACTOR AND ALL OTHER TRADES AND ALSO COORDINATE SPACE AVAILABILITY FOR DUCTWORK ABOVE RECESSED LIGHTING TO AVOID RELICITING DUCTWORK AT THE MECHANICAL CONTRACTOR'S EXPENSE.
- ALL AIR DISTRIBUTION DEVICES IN LAY-IN CEILINGS SHALL BE SUPPORTED IN COMPLIANCE WITH SECTION 2.3.1.3 OF NFPA 90A & 2018 INTERNATIONAL BUILDING CODE.

CONTROLS

- THERMOSTATS ARE EXISTING. RELOCATE AS INDICATED ON FLOOR PLAN.

FIRE

- DUCT SMOKE DETECTORS ARE EXISTING TO REMAIN.

PIPING

- HANGERS AND SUPPORTS:
CLEVIS HANGERS ADJUSTABLE HEIGHT, MAXIMUM 10' C., 3/8" ROD UP TO 5" PIPE, 5/8" ROD FOR 6" AND LARGER. WHERE EXTRA HANGER SUPPORTS ARE REQUIRED, THEY SHALL BE PROVIDED BY CONTRACTOR. TRAPEZE HANGERS WITH ROLLERS MAY BE USED FOR MULTIPLE LINES OR WHERE SPACE IS LIMITED.
- DRAINS:
1) FURNISH AND INSTALL MAKE-UP AIR DRAINS. DRAINS SHALL BE TYPE M, COPPER WITH WROUGHT COPPER FITTINGS AND 95-5 SILVER SOLDER.
2) SLOPE DRAINS AT 1/8" PER FOOT TOWARDS DISCHARGE LOCATION.
3) CONDENSATE DRAINS FOR EXISTING UNITS ARE EXISTING TO REMAIN.

INSULATION (CONCEALED DUCTWORK)

- ALL INSULATION, MATERIAL, COVERINGS, ADHESIVES, VAPOR-BARRIERS AND TAPES SHALL CONFORM TO NFPA '90A, FLAME SPREAD CLASSIFICATION NOT TO EXCEED 25 AND SMOKE DEVELOPMENT NOT TO EXCEED 50.
- PROVIDE 1/2" LINER IN SUPPLY AND RETURN DUCTWORK OF AIR CONDITIONING SYSTEMS WITHIN 15 FEET OF A/C UNIT.
- INSULATE ALL SHEET METAL DUCTWORK FOR AIR CONDITIONING SYSTEMS WITH A MINIMUM VALUE OF R-6, 3/4" LB. DENSITY EXTERIOR INSULATION WITH FSK JACKET AND VAPOR BARRIER WITHIN THE BUILDING ENVELOPE AND R-8 OUTSIDE OF BUILDING ENVELOPE.

TESTING

- TEST AND BALANCE ALL AIR SYSTEMS PER AABC OR NEBB LATEST STANDARDS. SUBMIT REPORT TO ENGINEER WITHIN 10 DAYS OF COMPLETING TEST AND BALANCE.
- COPY OF THE AIR BALANCE REPORT SHALL BE PROVIDED TO THE MECHANICAL INSPECTOR FOR FINAL APPROVAL. REPORT SHALL BE SEALED AND WET SIGNED.

KITCHEN

- PROVIDE AN ELECTRICAL INTERLOCK FOR THE FOLLOWING EQUIPMENT:
KITCHEN HOOD, EXHAUST FAN AND MAKEUP AIR UNIT.
- ANSUL SYSTEM PROVIDED AND INSTALLED BY KITCHEN CONTRACTOR.
- KITCHEN HOOD AND EXHAUST DUCTWORK TO CONFORM TO NFPA-96 STANDARDS AND 2018 I. M. C. CHAPTER 5.
- SLOPE ALL HORIZONTAL EXHAUST DUCTS AT 1/4" PER FOOT TOWARDS HOOD INTAKE.
- PROVIDE CLEAN-OUT ACCESS PANELS AS SHOWN HAVING A FIRE RESISTIVE RATING EQUAL TO SHAFT ENCLOSURE, 2018 I. M. C. SECTION 506.3.8.
- EXTERNAL WELD ALL JOINTS & SEAMS OF ALL KITCHEN EXHAUST DUCTS.
- FOR TYPE I HOOD DUCT GA. #16 MFG. STD. GA. STEEL OR #18 MFG. STD. GA. STAINLESS
- MECHANICAL CONTRACTOR TO COORDINATE EXACT KITCHEN HOOD OPENINGS WITH KITCHEN CONTRACTOR PRIOR TO ANY CONSTRUCTION.
- A KITCHEN HOOD PERFORMANCE, CAPTURE AND CONTAINMENT TEST REPORT VERIFYING AIRFLOW RATES, BALANCE AND PROPER OPERATION SHALL BE PROVIDED TO THE MECHANICAL INSPECTOR UPON COMPLETION AND BEFORE FINAL APPROVAL OF THE VENTILATION SYSTEM SERVING THE COMMERCIAL FOOD HEAT-PROCESSING EQUIPMENT.

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