# **Dickey's Barbecue Restaurants, Inc.**

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# Owner

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# ABBREVIATIONS

# @ ACT AD A.F.F. ALUM. ANOD. BSMT BYND BOT CIP CHNL CJ	POUND OR NUMBER AND AT ACOUSTICAL CEILING TILE AREA DRAIN ABOVE FINISH FLOOR ALUMINUM ANODIZED BASEMENT BEYOND BOTTOM CAST IN PLACE CHANNEL CONTROL JOINT
CL	CENTER LINE
CLG CLR	CEILING CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMPR	COMPRESSIBLE
CONC	CONCRETE
CONT	CONTINUOUS
CPT CT	CARPET CERAMIC TILE
CTYD	COURTYARD
DBL	DOUBLE
DEMO	DEMOLISH OR DEMOLITION
DIA	DIAMETER
DIM	DIMENSION
DIMS	DIMENSIONS
DN	DOWN
DR	DOOR
DWG	DRAWING
DS	DOWNSPOUT
EA EC	EACH ELECTRICAL CONTRACTOR
EC EJ	ELECTRICAL CONTRACTOR EXPANSION JOING
EJ EL	ELEVATION
ΓL	

ELECTRICAL ELEVATOR OR ELEVATION ETHYLENE PROPYLENE DIENE M-CLASS (ROOFING) EQUAL EXISTING EXPANSION JOINT EXTERIOR FLOOR DRAIN OR FIRE DEPARTMENT FIRE EXTINGUISHER CABINET FIXTURE FLOOR FILLED METAL FACE OF FOUNDATION GAUGE GALVANIZED GENERAL CONTRACTOR GYPSUM WALL BOARD HOLLOW CORE HIGH HOLLOW METAL HIGH POINT HOUR HEATING, VENTILATING AIR CONDITIONING IN LIEU OF INSULATED OR INSULATION INTERIOR LOW MAXIMUM MASONRY OPENING MECHANICAL MEMBRANE MINIMUM MOISTURE-RESISTANT GYPSUM WALL BOARD METAL	NOM OC OH OZ PCC PLMB PLYD PT PNT PVC RBR RCP RD REQD RM SIM SPEC SPK SSTL STC STL STRUCT T&G TELE TLT TO TOC TOS TPD T/D TYP UNO U/S VIF VP	N 0 0 0 F F F F F F F F F F F F F F F F
NOT IN CONTRACT	W/ WD	V
NUMBER		

#### NOMINAL ON CENTER OPPOSITE HAND OUNCE PLUMBING CONTRACTOR PRE-CAST CONCRETE PLUMBING PLYWOOD PRESSURE TREATED PAINT OR PAINTED POLYVINYL CHLORIDE RUBBER REFLECTED CEILING PLAN **ROOF DRAIN** REQUIRED ROOM SIMILAR SPECIFIED OR SPECIFICATION SPRINKLER OR SPEAKER STAINLESS STEEL SOUND TRANSMISSION COEFFICIENT STRUCTURE OR STRUCTURAL TONGUE AND GROOVE TELEPHONE TOILET TOP OF TOP OF CONCRETE TOP OF STEEL TOILET PAPER DISPENSER TELEPHONE/DATA TYPICAL UNLESS NOTED OTHERWISE UNDERSIDE VERIFY IN FIELD VISION PANEL WITH WOOD

# GENERAL NOTES

. These General Notes are instructions to the Contractor and apply generally to all the work unless more specific information is shown in drawings or written in the specifications, standards and/or contracts.

ELEC ELEV

EPDM

EXIST EXP JT

EQ

EXT

FEC

FIXT

FLF

FNE

**GAL** 

ILO

INT

LO

MAX MO

MECH

MEMBR MIN

MRGWB

MTL

NIC NO

INSUL

- 2. All construction work shall be in accordance with the most current drawings, specifications and standards as modified by the Architect/Engineer--do not use outdated drawings.
- An approved set of plans shall be maintained on the job site at all times. 4. All construction shall be conform to the best practice of each trade. Unless shown or noted otherwise, construction details or practices are common to the standard of the trade and per manufacturer's instructions.
- 5. All construction shall conform to the applicable codes and authority requirements. 6. Provide partial lien wavers with any request for payment and final waivers at completion of the work and Certificate of Occupancy

7. The General Contractor is solely responsible for the scheduling and coordination of the work by all trades and the delivery of equipment. Complete the work in the following sequence--provide a schedule indicating the projected start and completion of each event AND FOR HOOD/OVEN, WALK-IN AND EQUIPMENT DELIVERY DATES:

- A. Demolition and space preparation--schedule utility services if required
- Underground utilities, testing, inspection, photograph
- Rough-in, keep the floors clear and unobstructed for all trades requiring ladders and C. scaffolding
- Rough-in testing and inspection--photograph all rough-in prior to covering and D. photograph each signed off inspection sheet--send to architect for verification prior to pavment
- Install flooring under ovens and any flooring that extends under the walk in walls Install ovens and walk in upon arrival, install hood duct and fan, light test in the presence of the Fire Marshall and then wrap duct. PROTECT OVENS AND HOOD
- FROM DAMAGE
- G. Install finishes н
- Set fixtures, equipment, furnishing, signage and install trim Schedule final inspections in the proper order and obtain the Certificate of Occupancy

8. The contractor shall visit the site prior to contract bidding and familiarize himself with any conditions relevant to the successful construction of the store. 9. The General contractor shall provide fire extinguisher in the locations and quantities and

directed by the Fire Marshall but shall provide at least one. 10. ALL SHELVES, SINKS, AND GRAB BARS ARE TO BE MOUNTED ON SOLID BACKING AND WOOD BACKING MATERIALS ARE TO BE FIRE RATED IN FIRE WALLS 11. HOODS ARE TO SUPPORTED ON HEAVY DUTY UNISTRUT OR 3X3X1/4" STEEL ANGLES SPANNING BETWEEN FRAMING MEMBERS WITH 4@3/8" THREADED RODS EXTENDING DOWN TO BRACKETS ON THE HOOD. THE HOOD WEIGHS 710# AND

EACH ROD CAN SUPPORT 6003 FOR A TOTAL OF 2400# 12. Oven and hood to be set before counters

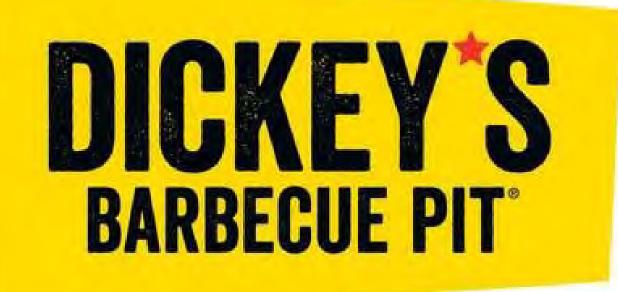
13. Accept, unload, and check all equipment and material deliveries to the store--PROTECT ALL EQUIPMENT AND MATERIALS and if necessary arrange for offsite storage. Assemble and place equipment and remove all films and clean and polish. 14. Seal all tile joints with penetrating silicone sealant in two applications after the grout has been allowed to fully cure

15. Seal small joints with flush clear silicone caulk.

16. Prepare floors for smooth finish installation with no telegraphing. Bridge cracks in concrete floors with elastomeric membrane primed and fully adhered to floor-use RedGard liquid for cracks up to 1/8" and Crack Buster sheet for cracks up to 3/8" Custom Building Products 800.272.8786.

17. Drawings have been submitted for review by the Building and Health Departments. The Contractor shall obtain the necessary permits required for the works shown on these drawings prior to the start of the construction.

18. The Contractor shall locate and uncover all the underground utilities in advance of the construction and inform the Architect/Engineer of locations and depths and any issues related thereto or conflicts. DO NOT DAMAGE THE BUILDING UTILITIES. 19. Backfilling shall not be started until newly installed underground piping is tested and inspected. Backfill shall be installed in accordance with the relevant standards in 6 inch compacted lifts.



# **RETAIL STORE**

Store No: PA-1998 Routes 21 & 79 Greene Plaza 15730 Waynesburg, PA

# 100% CD SET 10/29/21

SYMBOLS		SHEET INDEX & SCOPE OF WORK	MAP
	DETAIL SHEET	G0.01COVER SHEETT1.1SPECIFICATIONST1.2ADA STANDARDST1.3ADA STANDARDS	
$\begin{array}{c} 1 \\ A2 \\ \hline \\ A2 \\ \hline \\ X \\ \hline \\ A \\ \hline \\ \hline$	SECTION CUT SHEET DETAIL SHEET WINDOW NUMBER GLASS TYPE KEYED NOTE	A0.00LIFE SAFETY PLANA1.00DEMOLITION PLANA2.01CONSTRUCTION PLANA2.02REFLECTED CEILING PLANSA2.03FINISH PLANA3.01EQUIPMENT PLANA8.00INTERIOR ELEVATIONSA8.01DETAILS	Route 188 Park
ROOM NAME	ROOM NAME	M1.00HVAC PLANSM2.00HVAC ROOF PLANS/DETAILSM3.00HOOD DETAILSM4.00HOOD DETAILS	Fork Tennile Greek
X	FINISH/ EQUIP. NOTE — DOOR NUMBER	E1.00ELECTRICAL DEMO PLANSE1.01ELECTRICAL LIGHTING PLANE2.00ELECTRICAL CONSTRUCTION PLANE2.01ELECTRICAL CONNECTIONS PLANE3.00ELECTRICAL RISER DIAGRAM/NOTESE4.00ELECTRICAL PANELSE5.00ELECTRICAL SPECS	prise Rent-A-Car Waynesburg Yamah Suzuki KTM Huseyam Greene County Water Park Ljons Club O Community Park
	PARTITION TYPE REVISION NOTE	P1.00DEMOLITION PLANP1.01PLUMBING PLANP2.00DETAILSP3.00SCHEDULES/LEGENDSP4.00PLUMBING SPECS	End Denter Lives Park
	EXIST. WALL/ ITEM TO REMAIN NEW WALL CONSTRUCTION EXIST. WALL/ ITEM TO BE	SCOPE OF WORK: INCLUDES INTERIOR RENOVATION ONLY - BUILD-OUT OF EXISTING SHELL SPACE FOR DICKEY'S BBQ. RESTROOMS ARE EXISTING AND WILL ONLY GET FIXTURE/FINISH UPDATES. SIGNAGE TO BE UNDER SEPERATE PERMIT APPLICATION.	
— — — — — — — — — — — — — — — — — — —	DEMOLISHED FLOOR TRANSITION	NO EXTERIOR WORK.	

20. Keep dust and noise to an absolute minimum and protect the adjacent spaces from water penetration during cutting and cleaning operations. Clean up after completed work at the end of each day and keep the jobsite free and clear of any debris. Store materials carefully and if required obtain and pay for off-site storage.

21. Disposal of and stockpiling of excess material within the planning area shall be done in such a way that it will not create a nuisance to the ongoing works in general and the neighboring surroundings.

22. The Contractor shall not trespass beyond the project boundary lines unless a permit or written authorization has been obtained from the neighboring property owners involved.

23. Any damage on public area and/or on the clients premises caused by the ongoing project works shall be restored in its original condition, with no additional cost implication to the owners involved, as per following requirements:

24. Trim all exposed tile corners in the kitchen with 1-1/2" Schluter stainless steel corner guards - see plans. Miter all other tile and wood wainscot corners--allow no exposed end grain.

25. Locate utilities before cutting or digging--know where they are and mark them-underground utilities shown on the plans are schematic only. It the contractor's responsibility to locate and avoid interference with existing lines.

26. ADA standards are to be followed and in general 40 inch clearance is maintained throughout the store and 36 inches at limited passageways. Questions about ADA heights and clearances should be directed to the Architect. All door hardware, lavatory fixtures and faucets shall meet ADA standards.

27. Gypsum Wall Board and ceilings: Provide US manufactured materials and finish in accordance with the Gypsum Board Association's guidelines and instructions. Follow fire rated assembly construction and mark wall ratings in 4" red letters above ceiling every 10'. Use vertical expansion track at all decks or framing members. 1/2" thickness may be used behind scheduled wall finish if rating is not required. Use greenboard in all wet areas. Meet with inspector and fire marshal-- provide fire rated sealants where required and flash wall to floor along demising walls. Use fire treated wood and plywood for backing where wood is not allowed. Install ceilings in strict accordance with the manufacturer's instruction.

where the building is not allowed to have combustible materials. Provide materials from a Steel Framing Industry Association (SFIA) member and follow the guidelines and instructions set forth by SFIA.

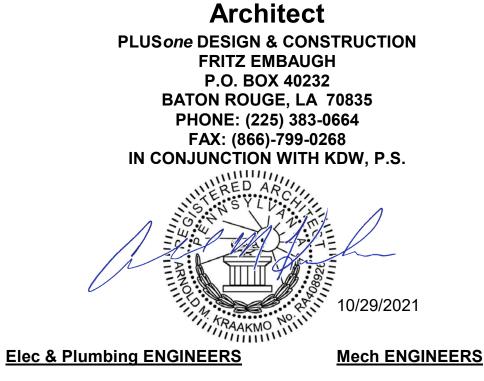
29. Do not install walk-in cooler tight to walls--allow min 1" air space Stub wall closure is to be trimmed with FRP corner molding. Any exposed corners of walk in cooler are to be trimmed with 1-1/2" Schluter stainless steel corner guards - see plans.

30. Conform to manufacturer's installation instructions and provide all warrantees. 31. Contact national suppliers and provide field measurements and photos for proper fabrication and installation. Consult as necessary to create order and shop drawings. Review and approve shop drawings and orders--consult with Architect only on specific questions and issues.

32. Dimensions are to face of finish unless clearly shown otherwise. 33. The General contractor shall layout equipment and walls and clearly and accurately instruct other trades as to locations for rough in and provide study support for all rough in to hold in place through finish.

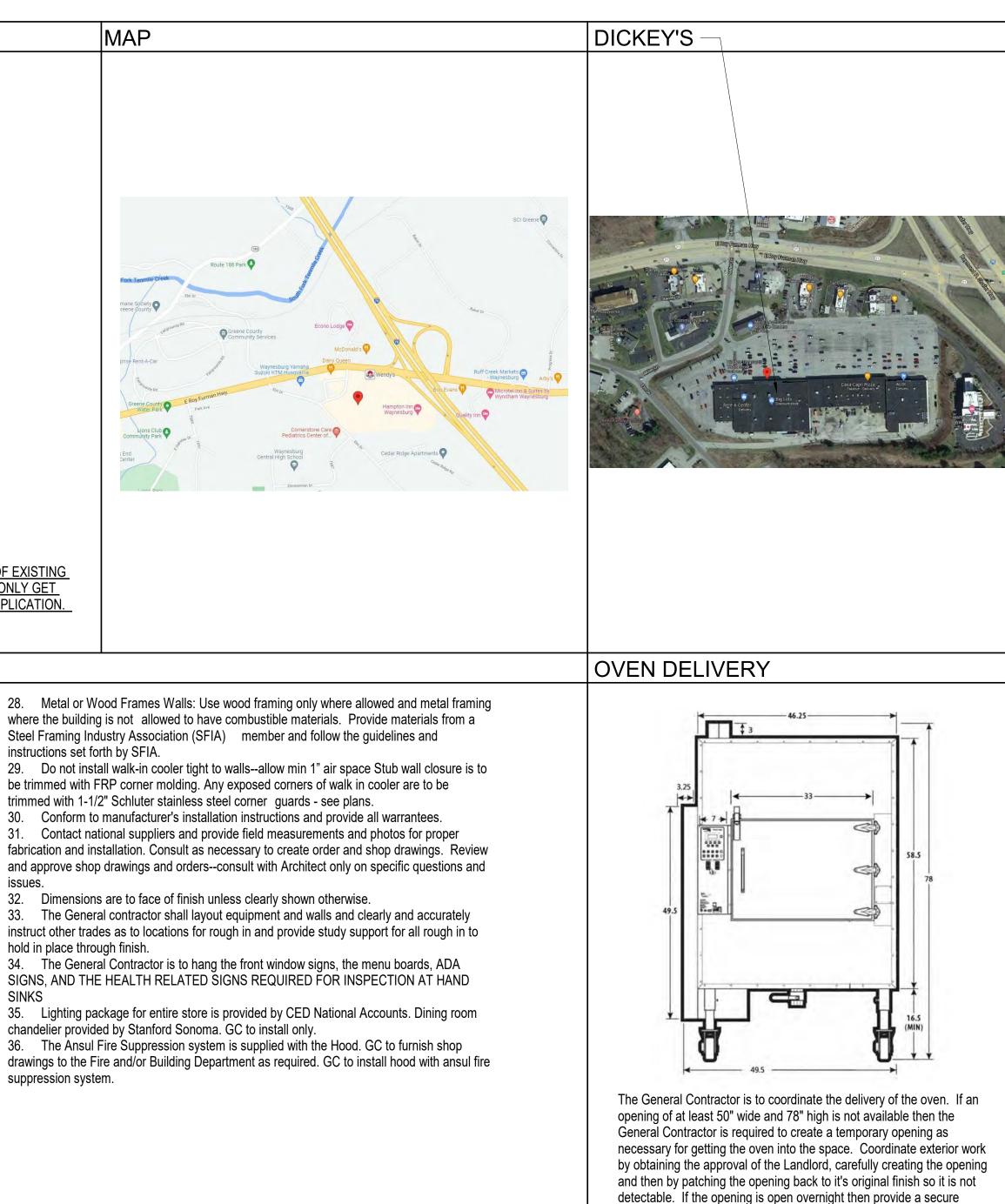
34. The General Contractor is to hang the front window signs, the menu boards, ADA SIGNS, AND THE HEALTH RELATED SIGNS REQUIRED FOR INSPECTION AT HAND SINKS

35. Lighting package for entire store is provided by CED National Accounts. Dining room chandelier provided by Stanford Sonoma. GC to install only. 36. The Ansul Fire Suppression system is supplied with the Hood. GC to furnish shop drawings to the Fire and/or Building Department as required. GC to install hood with ansul fire suppression system.



SALAS O'BRIEN DAVID BONAVENTURE 2380 TOWNE CENTER BLVD. **SUITE 1210 BATON ROUGE, LA 70806** PHONE: (225) 766-8002

NCA CONSULTANTS **KEITH MCKEEHAN** 6510 N 125th AVENUE LARGO, FL 33773 PHONE: (727) 530-0078



temporary closure.

NOTE: GENERAL INFORMATION. CONDITIONS OF CONTRACT AND SUPPLEMENTAL CONTRACT CONDITIONS ARE REQUIRED BY DICKEY'S RESTAURANTS INCORPORATED AND ARE FULLY PART OF THIS WORK.

#### **SECTION 03 3000** CAST-IN-PLACE CONCRETE

MATERIALS

4000 PSI EXECUTION: Install concrete smooth and flush to receive floor finishes. Install 2' longx5/8 " dowels at 48" OC both sides of trench cuts. Float low spots with leveler and grind off high spots so no telegraphing of trenches is evident.

#### SECTION 04215 **BRICK PANEL SYSTEMS**

**BRICK PANEL SYSTEMS** 

Brick Panel Systems: System for aligning and locking thin brick to a substrate that does not depend on adhesive for its performance. System 9 inches thick: R-value of 26.0. Type: Brick-It Designer Metal Grid System.

Brick: Per Dickey's specification Mortar: Premixed mortar supplied by manufacturer, ASTM C 270.

Mortar Color: Grey Fasteners: Non-corrosive ribbed nails, screws or staples, designed for applicable substrate.Adhesives: High solid, solvent based adhesive that

remains flexible and unaffected by freeze-thaw cycles, as supplied by Brick-It Water: Shall be clean, potable, and free of all foreign matter. Prior to installation, examine substrate for conditions including soundness, tightness of connections, crumbling or looseness of surfaces, and projections. Verify substrate is acceptable to authorities

having jurisdiction prior to installation of the work of this Section. Repair damaged or cracked surfaces. Prepare substrate to be flat, within 1/8 inch (3.2 mm) within any 4 foot (1.2 m) square area

INSTALLATION Install in accordance with manufacturer's written instructions as applicable to each type of substrate required. Install bricks to specified pattern and mortar.

#### **SECTION 06 4100**

ARCHITECTURAL WOOD CASEWORK MANUFACTURERS

Acceptable Manufacturers - Plastic Laminate: Formica Corp. (www.formica.com) Wilsonart International, Inc. (www.wilsonart.com)

## MATERIALS

Lumber<sup>.</sup>

Graded in accordance with AWI/AWMAC/WI Architectural Woodwork Standards, Section 3 requirements for quality grade specified, average

moisture content of 6 percent. Exposed and semi-exposed locations: Closed grain hardwood, of quality

suitable for opaque finish.

Plastic Laminate: NEMA LD-3. High pressure decorative laminate:

Horizontal surfaces:

Backing sheet: 3 /4 inch INT-APA A-D plywood. Vertical surfaces:

Backing sheet: 25/32 inch exterior grade plywood.

Formica #459-58 "Bright White" Matte Finish Formica #909-58 "Black" Matte Finish Wilsonart #7560K-18 "Studio Teak" Linearity Finish

ACCESSORIES

Fasteners: Type and size as required by conditions of use. Adhesives Waterproof, water based type, compatible with backing and laminate

materials.Finish Hardware: As scheduled at end of Section.

#### FABRICATION Plastic Laminate Countertops:

Quality: AWI/AWMAC/WI Architectural Woodwork Standards, Section 11, Premium Grade.

Fabricate from sheet product with lumber fronts.

Provide holes and cutouts for mounting of accessories. Shop assemble for delivery to project site in units easily handled. Prior

to fabrication, field verify dimensions to ensure correct fit. Apply plastic laminate in full uninterrupted sheets; fit corners and joints to hairline. Slightly bevel arises. Apply laminate backing sheet to reverse side of laminate faced surfaces. Where field fitting is required, provide ample allowance for cutting. Provide trim for scribing and site conditions. Provide cutouts and reinforcement for plumbing, electrical, appliances, and accessories. Prime paint surfaces of cut edges

#### EXECUTION INSTALLATION

Install in accordance with AWI/AWMAC/WI Architectural Woodwork Standards. Set plumb, rigid and level. Scribe to adjacent construction with maximum 1/8 inch gaps. Fill joints between tops and adjacent construction with joint sealer as specified in Section 07 9200; finish flush

FINISH HARDWARE SCHEDULE

## Shelves shall be installed on heavy duty, adjustable knife brackets,

Knape & Vogt No. 180-12, and Knape & Vogt No. 80 standards, as noted on Drawings. Standards and brackets to be steel with anochrome finish. Isolated, individual shelves shall be mounted directly to the wall with Knape & Vogt No. 204 steel brackets, anochrome finish, and length as shown on the Drawings.

#### WOOD TRIM

MATERIALS-National Account--Interior Trim:

As part of Southwest Sonoma branding package per DBRI ACCESSORIES

Fasteners: Type and size as required by conditions of use; plain steel for interior use; hot dip galvanized steel for exterior use.

Adhesives

Waterproof, water based type, compatible with trim and substrate materials.

Fasteners: Type and size as required by conditions of use; plain steel for to match factory finish. interior use; hot dip galvanized steel for exterior use.

FINISHES Pre finished and touched up in field

Paint or stain as indicated on drawings

PREPARATION

Provide blocking at all locations to 300 lb pull out at each fastener. Prior to installation, condition wood to average humidity that will prevail after installation.

INSTALLATION

Install in accordance with AWI/AWMAC/WI Architectural Woodwork Standards. Install in longest practical lengths.

#### Set plumb and level. Miter ends, corners, and intersections.

Scribe to adjacent construction with maximum paper thick gaps. Fasten or adhere to supporting construction.

#### **SECTION 07 2115 BATT INSULATION**

Adhesives: Water Resistant.

MATERIALS Thermal Batt Insulation:

Type: ASTM C665, glass fiber composition. Facing: Reinforced Kraft paper vapor barrier on one side with stapling flanges or aluminum foil/scrim/Kraft paper vapor barrier on one side with stapling flanges.

Free from urea-formaldehyde resins. Thermal resistance:

3-1/2 inches thick: R-value of 11.00.

3-5/8 inches thick: R-value of 13.00. 6-1/4 inches thick: R-value of 19.00.

6-1/2 inches thick: R-value of 22.0.

8-1/2 inches thick: R-value of 25.0.

10 inches thick: R-value of 30.00.

12 inches thick: R-value of 38.00.

INSTALLATION

Staple or nail in place at maximum 12 inches on center. Butt insulation to adjacent construction. Butt ends and edges. Carry insulation around pipes, wiring, boxes, and other components. Ensure complete enclosure of spaces without voids. Apply with vapor barrier facing towards exterior or interior of structure based on local climate design requirements.

Tape seal lapped flanges, butt ends, and tears and holes in facings.

**SECTION 07 9200** JOINT SEALERS

MATERIALS

Joint Sealer Type 1: ASTM C920, Grade NS, single component butyl rubber type, non sag. Movement capability: Plus or minus 12-1/2 percent. Color: To be selected from manufacturer's full color range, match adjacent finish.

## Joint Sealer Type 2:

ASTM C920, Grade NS, single component silicone, non sag, mildew resistant Movement capability: Plus or minus 25 percent.

Color: To be selected from manufacturer's full color range, match adiacent finish

ACCESSORIES

Primers, Bondbreakers, and Solvents: As recommended by sealer manufacturer. Joint Backing:

ASTM C1330, closed cell polyethylene foam, preformed round joint filler, non absorbing, non staining, resilient, compatible with sealer and primer, recommended by sealer manufacturer for each sealer type. Size: Minimum 1.25 times joint width.

PREPARATION

Remove loose and foreign matter that could impair adhesion. If surface has been subject to chemical contamination, contact sealer manufacturer for recommendation. Clean and prime joints in accordance with manufacturer's instructions.

Protect adjacent surfaces with masking tape or protective coverings. Sealer Dimensions: Minimum joint size: 1/4 x 1/4 inch.

Joints 1/4 to 1/2 inch wide: Depth equal to width.

Joints over 1/2 inch wide: Depth equal to one half of width.

APPLICATION Apply products in accordance with manufacturer's instructions.

Install sealers and accessories in accordance with ASTM C1193. Install joint backing to maintain required sealer dimensions. Compress backing approximately 25 percent without puncturing skin. Do not twist or stretch

Use bondbreaker tape where joint backing is not installed. Fill joints full without air pockets, embedded materials, ridges, and sags. Tool sealer to smooth profile.

Apply sealer within manufacturer's recommended temperature range. CLEANING Clean adjacent surfaces.

# SECTION 08 1113

HOLLOW METAL DOORS AND FRAMES Acceptable Manufacturers: National Account Timely.

MATERIALS

Steel Sheet: ASTM A1008/1008M, cold rolled-and galvanized at

Door Core: Exterior doors: Foamed-in-place polyurethane insulation and galvanized

FABRICATION Fabricate doors and frames in accordance with ANSI/SDI A250.8. Fabricate exterior doors and frames from galvanized steel sheet.

Fabricate from minimum 18 ga sheets.

Close top and bottom edges of doors with steel channel, minimum 16, gage, extending full width of door, and spot welded to both faces, with top channel flush and bottom channel recessed.

Fabricate from minimum 18 gage sheets.

Provide self-aligning tabs and slots to hold corners in alignment. Provide one anchor at each jamb for each 30 inches of door height.

Provide one floor anchor welded to each jamb. Do not use metallic filler to conceal manufacturing defects. Fabricate with internal reinforcement for hardware specified in Section 08 7100; weld in place.

Design Clearances:

Between door and frame: Maximum 1/8 inch.

Undercut: Non-fire rated doors: Maximum 3/4 inch.

Set plumb and level.

application.

opaque finish.

Between face of door and stop: 1/16 to 3/32 inch. INSTALLATION

MATERIALS--Order through National Account

Flush Wood Doors: WDMA I.S.1A. Pre-Hung Timely

Install doors and frames in accordance with ANSI/SDI A250.11.

Secure to adjacent construction using fastener type best suited to

Core type: Solid, non-rated: Type PC - Particleboard Core, bonded,

Wood veneer faces: Closed grain hardwood, of quality suitable for

ADJUSTING: Touch up minor scratches and abrasions in primer paint

SECTION 08 1416

FLUSH WOOD DOORS

FABRICATION Fabricate doors in accordance with WDMA I.S.1A.	At maximum 30 feet on center. Above one jamb of openings in partitions.	walls, columns, ducts, pipes, and conduit. Where ducts or other equipment prevent regular spacing of hangers
Performance duty level: Heavy Duty.		Reinforce nearest related hangers to span extra distance, or:
Number of plies: 5.	JOINT TREATMENT Treat joints and fasteners in gypsum board in accordance with GA-214.	Suspend steel channel horizontally beneath duct or equipment; place hanger at regular spacing.
SECTION 087100	Levels of Finish:	Install main tees at maximum 48 inches on center. Install cross tees
DOOR HARDWARE	Surfaces in service areas: Level 1 finish. Surfaces to receive tile: Level 2 finish.	form 24 x 48 inch modules. Lock cross tees to main tees. Support en tees on flange of perimeter molding.
MANUFACTURERSOrder through National Account INSTALLATION	Surfaces to receive wall coverings: Level 4 finish.	Place acoustical panels with edges resting flat on suspension grid.
Install hardware in accordance with approved hardware schedule and	Surfaces to receive semigloss or gloss paints: Level 5 finish.	Cutting Acoustic Units:
manufacturer's instructions. Install mortise items flush with adjacent surfaces.	SECTION 093000	Cut to fit irregular grid and perimeter edge trim and around penetration Locate cuts to be concealed.
Install locksets, closers, and trim after finish painting. Set thresholds in	TILING	Cut and field paint exposed edges of reveal edge units to match fact
mastic and secure.		edge.
Mount closers so that closers and closer arms are not visible on corridor or public side of doors or on exterior of building.	MANUFACTURERS Per drawings and Dickey's Standard	Installation Tolerances: Ceilings level to 1/8 inch in 12 feet measured any direction.
PROTECTION Remove or protect hardware until painting is	MATERIALS	ADJUSTING
completed. ADJUSTING Test and adjust hardware for quiet, smooth operation,	Tile: Emser E-Quarry and E-Quarry Abrasive Size: 6"x6" and 6"x6" Cove Base - 3/8" thick, pressed edge	Touch up minor scratches and abrasions to match factory finish.
free from binding and rattling.	Color: Brick, Matte Finish	SECTION 096519
Adjust doors to operate with maximum opening forces in accordance	Trim units: Beads, coves, and bullnoses, color to match tile.	RESILIENT FLOOR TILING MATERIALS
with applicable accessibility code.	Tile: Emser Area Glossy Ceramic Size: 6"x6" and 6"x6" Cove Base, 1/4" thick, pressed edge	See schedule
HARDWARE SCHEDULE	Color: Logic White Glossy	INSTALLATION
Set No.1 Storefront doors: Clean and adjust doors and hardware change out cylinder and match keying to back door. Furnish 10 keys to	Trim units: Beads, coves, and bullnoses, color to match tile. ACCESSORIES	Install flooring and accessories after the other finishing operations, including painting, have been completed. Close spaces to traffic du
owner. Hardware to match existing	See Drawings for corner guards, wall trim and floor ramp details.	the installation of the flooring Do not install flooring over concrete sla
o 1-1/2 pair butts o 1 Cylinder	Latex-Portland Cement Mortar: ANSI A118.4, polymer modified dry set	until they are sufficiently dry to achieve a bond with the adhesive, in accordance with the manufacturer's recommended bond, moisture to
o 1 latchset PANIC HANDLE	type. Dry Set Portland Cement Mortar: ANSI A118.1, polymer modified dry	and pH test. Resilient Flooring: Submit a written warranty executed
0 1 closer Set No. 2. Description Tailate to Ually (Order from National Account	set type.	manufacturer, agreeing to repair or replace resilient flooring that fails
Set No. 2 - Doors from Toilets to Hall. (Order from National Account pre-hung/preppedSee door schedule and floor plan for quantity, size	Epoxy Adhesive: ANSI A118.3, thin set bond type.	within the warranty period. Maintain a minimum temperature in the s to receive the flooring and accessories of 65°F (18°C) and a maximum
and direction of swing.)		temperature of [100°F (38°C)][85°F (29°C)] for at least 48 hours before
o 1-1/2 pair butts o 1 lockset	PREPARATION Clean surfaces to remove loose and foreign matter that could impair	during, and for not less than 48 hours after installation. Thereafter, maintain a minimum temperature of 55°F (13°C) in areas where wor
o 1 floor stop	adhesion.	completed. Protect all materials from the direct flow of heat from hol
o 1 closer Set No. 3 - Door to Exterior. Metal door and frame. (Clean and repair	Remove ridges and projections. Fill voids and depressions with	registers, radiators, or other heating fixtures and appliances. Compli
and adjust this door to like new condition and order replacement or	patching compound compatible with setting materials. Allowable Substrate Tolerances:	Comply with manufacturer's product data, including technical bulletir product catalog, installation instructions, and product carton instructi
added hardware as required from national account or furnish locally.	Thin set method:	for installation and maintenance procedures as needed. Failure to co
Replace cylinder at the end to project keyed alike to front door. See door schedule and floor plan for quantity, size and direction of swing.)	Maximum variation in substrate surface: 1/8 inch in 8 feet. Maximum height of abrupt irregularities: 1/32 inch.	may result in voiding the manufacturer's warranty EXAMINATION
o 3 ea. hinges, Hager BB1191 32D if required	Thick set method: Maximum 1/4 inch in 10 feet variation in substrate	Site Verification of Conditions: Verify substrate conditions (which ha
<ul> <li>o 1 lockset, Hager 3495 WTN US26D if required</li> <li>o 1 closer, Hager 5100 PA 1-6 HDHOS ALM if required</li> </ul>	surface. Test concrete substrate to ASTM D4263; do not install tile until surfaces	been previously installed under other sections) are acceptable for pr installation in accordance with manufacturer's instructions (i.e. moist
o 1 threshold, Hager 413S MIL if required	are sufficiently dry.	tests, bond test, pH test, etc.).
o 1 sweep, Hager 802S B Mil if required	INSTALLATION	Visually inspect flooring materials, adhesives and accessories prior
<ul> <li>o 1 holder/stop, Hager 268S US26D if required</li> <li>o 1 set w/stripping, Hager 800S B MIL if required</li> </ul>	Install crack suppression membrane in accordance with manufacturer's instructions.	installation. Flooring material with visual defects shall not be installed shall not be considered as a legitimate claim.
o 1 lock guard, Hager 341D 32D if required	Methods:	Examine subfloors prior to installation to determine that surfaces are
<ul> <li>1 door viewer required, Hager 1756 US26D Alt door viewer: Model #L-VGLF-WD, 9" x 5", National Guard Products</li> </ul>	Walls: ANSI A108.6, thin set with epoxy adhesive. Floors: ANSI A108.5, thin set with latex-portland cement mortar.	smooth and free from cracks, holes, ridges, and other defects that m prevent adhesive bond or impair durability or appearance of the floor
Set No. 4 Kitchen or Storage Door (May not be required. Order from	Piolis. ANSI A 100.3, thin set with latex-portiand cement monar.	material.
National Account pre-hung/preppedSee door schedule and floor plan	Minimize pieces less than one half size. Locate cuts to be	Inspect subfloors prior to installation to determine that surfaces are f
for quantity, size and direction of swing.) o 1-1/2 pair butts	inconspicuous. Lay tile to pattern shown on Drawings. Do not interrupt tile pattern	from curing, sealing, parting and hardening compounds; residual adhesives; adhesive removers; and other foreign materials that migl
o 1 lockset	through openings.	prevent adhesive bond. Visually inspect for evidence of moisture, a
o 1 floor stop o 1 closer	Joint Widths: Ceramic tile: 1/8 inch, plus or minus 1/16 inch.	salts, carbonation, dusting, mold, or mildew. Report conditions contrary to contract requirements that would preve
o 2 Kick Plates (Kitchen door only)	Porcelain and Quarry tile: 1/4 inch, plus or minus 1/8 inch.	proper installation. Do not proceed with the installation until unsatisfa
SECTION 092900	Make joints watertight, without voids, cracks, excess mortar, or excess	conditions have been corrected. Failure to call attention to defects or imperfections will be construed
GYPSUM BOARD	grout. Align joints in wall and floor of same-sized tile. Fit tile around projections and at perimeter. Smooth and clean cut	acceptance and approval of the subfloor. Installation indicates accept
Gypsum Association (GA) ( <u>www.gypsum.org</u> ):	edges. Ensure that trim will completely cover cut edges. Miter all	of substrates with regard to conditions existing at the time of installa
GA-214 - Levels of Gypsum Board Finish. GA-216 - Recommended Specifications for the Application and	outside corners of tile. Install Trim:	PREPARATION Subfloor Preparation: Smooth concrete surfaces, removing rough a
Finishing of Gypsum Board.	Inside corners: Cove units.	projections, ridges, and bumps, and filling low spots, control or
GA-600 - Fire Resistance Design Manual. PROJECT CONDITIONS	Outside corners: Bead units. Base: Base units.	construction joints, and other defects with Manufacturer's Fast-Settir Cement-Based Patch and UnderlaymentCement-Based Patc
Do not install gypsum board until building is substantially weathertight.	Exposed tile ends: Bullnose units.	Underlayment and Embossing Leveler as recommended by the floor
Maintain temperature in spaces in which work is being performed	Allow tile to set for a minimum of 48 hours before grouting.	manufacturer. Refer to ASTM F 710
above 50 degrees F during and after installation. MANUFACTURERS	Grout tile joints in accordance with ANSI A108.10 without excess grout.	Subfloor Cleaning: The surface shall be free of dust, solvents, varnis paint, wax, oil, grease, sealers, release agents, curing compounds,
Acceptable Manufacturers - Gypsum Panels:	SECTION 095100	residual adhesive, adhesive removers and other foreign materials th
GP Gypsum Corporation. ( <u>www.gp.com</u> ) National Gypsum Co. ( <u>www.nationalgypsum.com</u> )	ACOUSTICAL CEILINGS MANUFACTURERS	might affect the adhesion of resilient flooring to the concrete or caus discoloration of the flooring from below. Remove residual adhesives
Temple-Inland. (www.templeinland.com)	Acceptable Manufacturers - Suspension System:	recommended by the flooring manufacturer. Remove curing and
USG Corporation. ( <u>www.usg.com</u> )	Armstrong World Industries	hardening compounds not compatible with the adhesives used, as indicated by a bond test or by the compound manufacturer's
Acceptable Manufacturers - Cementitious Panels: USG Corporation. (www.usg.com)	USG Corporation (www.usg.com) Acceptable Manufacturers - Acoustical Units:	recommendations for flooring. Avoid organic solvents. Spray paints
MATERIALS - GYPSUM PANELS	Armstrong World Industries	permanent markers and other indelible ink markers must not be use
Regular Gypsum Board: ASTM C1396; 48 inches wide x thickness indicated, maximum practical length, tapered edge.	USG Corporation (www.usg.com) Substitutions: Not permitted.	write on the back of the flooring material or used to mark the concret as they could bleed through, telegraphing up to the surface and
Fire Resistant Gypsum Board: ASTM C1396, Type X; 48 inches wide x	MATERIALS	permanently staining the flooring material. If these contaminants are
thickness indicated, maximum practical length, tapered edge; apply to fire rated assemblies.	Suspension Grid System : Grid type: Exposed T.	present on the substrate, they must be mechanically removed prior installation of the flooring material. Refer to the Manufacturer's Stand
Water Resistant Gypsum Board: ASTM C1396; 48 inches wide x	Material: Galvanized steel.	Practice
thickness indicated, maximum practical length, water resistant; apply to walls to receive tile, sanitary wall panels and walls at locations	Runners: 1-1/2 inches high, 15/16 inch exposed width, flush slotted	Remove all paint, varnish, oil and wax from all subfloors. Many build constructed before 1978 contain lead-based paint, which can pose a
specified on drawings.	profile. Perimeter molding: Angle shape.	health hazard if not handled properly
Fire Resistant, Water Resistant Gypsum Board: ASTM C1396, Type	Finish: Factory applied enamel paint, sprayed and baked, Color: See	Vacuum or broom-clean surfaces to be covered immediately before
X; 48 inches wide x[thickness indicated, maximum practical length, water resistant; apply to walls to receive tile, sanitary wall panels and	Finish Schedule Accessories: Stabilizer bars, clips and splices.	application of flooring. INSTALLATION OF FLOORING
walls at locations specified on drawings.	Acoustical Panels (Public Areas) :	Install flooring in strict accordance with the latest edition of Armstron
MATERIALS - CEMENTITIOUS PANELS Cementitious Panels: ANSI A 118.9, high density, cementitious with	Size: 24 x 48 inches x 3/4 inch thick. Edge configuration: Square.	Flooring Guaranteed Installation Systems manual, F-5061. Failure to comply may result in voiding the manufacturer's warranty listed in Se
glass fiber reinforcing, 5/8 inch thick x 48 inches wide, maximum	Performance requirements: Tested in accordance with ASTM E1264.	1.08. Install flooring wall to wall before the installation of floor-set cal
practical length, ends and edges square cut; apply to walls in locations	NRC: 0.55.	casework, furniture, equipment, movable partitions, etc. Extend floo
as indicated on drawings. ACCESSORIES	CAC: 35. Light reflectance: LR-0.84.	into toe spaces, door recesses, closets, and similar openings as sho the drawings. Scribe, cut, and fit to permanent fixtures, columns, wa
Fasteners: ASTM C1002, Type W screws, minimum 5/8 inch	Acoustical Panels (Kitchen, Service Line and Food Areas) :	partitions, pipes, outlets, and built-in furniture and cabinets.
penetration into framing. Adhesive:	Finish: Embossed, vinyl-laminated face with sealed back and edges, color: white	Install flooring with adhesives, tools, and procedures in strict accorda with the manufacturer's written instructions. Observe the recommer
Type recommended by gypsum panel manufacturer.	Size: 24 x 48 inches x 5/8 inch thick.	adhesive trowel notching, open times, and working times.
Trim Accessories: ASTM C1047. Material: Formed steel, minimum 26 gage core steel, hot dip	Edge configuration: Square. Performance requirements: Tested in accordance with ASTM E1264.	INSTALLATION OF ACCESSORIES Apply top set wall base to walls, columns, casework, and other perm
galvanized finish, expanded flanges.	NRC: N/A	fixtures in areas where top-set base is required. Install base in length
Corner reinforcement: GA-216, Type CB-100 x 100.	CAC: 40.	long as practical, with inside corners fabricated from base materials
Casing: GA-216, Type LC. Control joint.	Light reflectance: LR-0.80. ACCESSORIES	are mitered or coped. Tightly bond base to vertical substrate with continuous contact at horizontal and vertical surfaces. Fill voids with
Joint Treatment Materials:	Support Channels: Galvanized steel; size and type to suit application.	plastic filler along the top edge of the resilient wall base or integral co
Reinforcing tape and joint compound; ASTM C475. INSTALLATION	Hanger Wire: ASTM A641, minimum 12 gage galvanized steel.	cap on masonry surfaces or other similar irregular substrates. Place resilient edge strips tightly butted to flooring, and secure with adhesi
Install panels and accessories in accordance with ASTM C754,	Touch-Up Paint: Color to match acoustical panels and suspension grid.	recommended by the edge strip manufacturer. Install edge strips at
GA-216, and manufacturer's instructions.	INSTALLATION	of flooring that would otherwise be exposed. Apply [butt-type] [overla metal edge strips where shown on the drawings, [before] [after] floor
Apply panels at fire-rated assemblies as required by design assembly. INSTALLATION OF CEMENTITIOUS PANELS	Install ceilings in accordance with ASTM C636 and CISCA Handbook. Minimize panels less than one half size. Install molding around	installation. Secure units to the substrate, complying with the edge s
Install cementitious panel in accordance with ANSI A108.11 and	perimeters and abutting surfaces. Miter molding at exterior corners; cut	manufacturer's recommendations. Perform initial and on-going
manufacturer's instructions. Install control joints at walls and partitions:tx	flanges and bend web to form interior corners. Space hanger wires maximum 48 inches on center. Install additional hangers where	maintenance according to the latest edition of Armstrong Flooring Maintenance Recommendations and Procedures manual, F-8663.
, , , , , , , , , , , , , , , , , , , ,	required to support light fixtures and ceiling supported equipment. Do	PROTECTION
	not suspend hangers directly from metal deck. Attach steel channel horizontally to adjacent framing members;	Protect installed flooring as recommended by the flooring manufactu against damage from rolling loads, other trades, or the placement of
	הסובסותמוץ נס מעומססות ורמוזוווש וויפוזושכוס,	fixtures and furnishings. (See Finishing The Job in the latest edition
		Armstrong Flooring Guaranteed Installation Systems manual, F-506

At changes in backup material.

r grid and perimeter edge trim and around penetrations. exposed edges of reveal edge units to match factory ances: Ceilings level to 1/8 inch in 12 feet measured in cratches and abrasions to match factory finish. SECTION 096519 RESILIENT FLOOR TILING l accessories after the other finishing operations, , have been completed. Close spaces to traffic during the flooring Do not install flooring over concrete slabs iciently dry to achieve a bond with the adhesive, in the manufacturer's recommended bond, moisture tests ilient Flooring: Submit a written warranty executed by the reeing to repair or replace resilient flooring that fails ty period. Maintain a minimum temperature in the spaces pring and accessories of 65°F (18°C) and a maximum 00°F (38°C)][85°F (29°C)] for at least 48 hours before, t less than 48 hours after installation. Thereafter, um temperature of 55°F (13°C) in areas where work is tect all materials from the direct flow of heat from hot-air ors, or other heating fixtures and appliances. Compliance: nufacturer's product data, including technical bulletins, installation instructions, and product carton instructions d maintenance procedures as needed. Failure to comply ding the manufacturer's warranty f Conditions: Verify substrate conditions (which have installed under other sections) are acceptable for product cordance with manufacturer's instructions (i.e. moisture pH test. etc.). looring materials, adhesives and accessories prior to ing material with visual defects shall not be installed and idered as a legitimate claim. rs prior to installation to determine that surfaces are from cracks, holes, ridges, and other defects that might e bond or impair durability or appearance of the flooring prior to installation to determine that surfaces are free ling, parting and hardening compounds; residual sive removers; and other foreign materials that might e bond. Visually inspect for evidence of moisture, alkaline , dusting, mold, or mildew contrary to contract requirements that would prevent a n. Do not proceed with the installation until unsatisfactory peen corrected. ention to defects or imperfections will be construed as approval of the subfloor. Installation indicates acceptance n regard to conditions existing at the time of installation. ation: Smooth concrete surfaces, removing rough areas, s, and bumps, and filling low spots, control or and other defects with Manufacturer's Fast-Setting Patch and Underlayment--Cement-Based Patc-d Embossing Leveler as recommended by the flooring efer to ASTM F 710 The surface shall be free of dust, solvents, varnish, ease, sealers, release agents, curing compounds, , adhesive removers and other foreign materials that adhesion of resilient flooring to the concrete or cause a he flooring from below. Remove residual adhesives as y the flooring manufacturer. Remove curing and ounds not compatible with the adhesives used, as nd test or by the compound manufacturer's s for flooring. Avoid organic solvents. Spray paints, ters and other indelible ink markers must not be used to of the flooring material or used to mark the concrete slab ed through, telegraphing up to the surface and ning the flooring material. If these contaminants are ubstrate, they must be mechanically removed prior to the flooring material. Refer to the Manufacturer's Standard , varnish, oil and wax from all subfloors. Many buildings re 1978 contain lead-based paint, which can pose a not handled properly n-clean surfaces to be covered immediately before the strict accordance with the latest edition of Armstrong eed Installation Systems manual, F-5061. Failure to It in voiding the manufacturer's warranty listed in Section ring wall to wall before the installation of floor-set cabinets, re, equipment, movable partitions, etc. Extend flooring cribe. cut, and fit to permanent fixtures, columns, walls, outlets, and built-in furniture and cabinets. th adhesives, tools, and procedures in strict accordance cturer's written instructions. Observe the recommended notching, open times, and working times. OF ACCESSORIES Il base to walls, columns, casework, and other permanent where top-set base is required. Install base in lengths as , with inside corners fabricated from base materials that ped. Tightly bond base to vertical substrate with ct at horizontal and vertical surfaces. Fill voids with g the top edge of the resilient wall base or integral cove surfaces or other similar irregular substrates. Place ips tightly butted to flooring, and secure with adhesive y the edge strip manufacturer. Install edge strips at edges ould otherwise be exposed. Apply [butt-type] [overlap] where shown on the drawings, [before] [after] flooring re units to the substrate, complying with the edge strip ecommendations. Perform initial and on-going cording to the latest edition of Armstrong Flooring commendations and Procedures manual, F-8663. flooring as recommended by the flooring manufacturer from rolling loads, other trades, or the placement of shings. (See Finishing The Job in the latest edition of Guaranteed Installation Systems manual, F-5061.) **SECTION 097200** WALL COVERINGS PROJECT CONDITIONS

place hanger at regular spacing. Hang suspension system independent of

related hangers to span extra distance, or: Acceptable Manufacturers: annel horizontally beneath duct or equipment; place Furnished by Owner Substitutions: Not permittee at maximum 48 inches on center. Install cross tees to Sealer: Type recommended by wall covering manufacturer. n modules. Lock cross tees to main tees. Support ends of Adhesive Type recommended by wall covering manufacturer; water based, perimeter molding. panels with edges resting flat on suspension grid. mildew resistant. Patching Compound: White latex type. PREPARATION Prepare substrate to receive wall covering: Remove high spots. Fill holes, cracks, and depressions with patching compound; sand smooth and flush. Remove loose and foreign matter that could impair adhesion. Apply sealer as recommended by wall covering manufacturer Remove wall covering from packaging, place in installation area, and allow to acclimatize for minimum 24 hours prior to installation. INSTALLATION Install in accordance with manufacturer's instructions. Install panels vertically. Provide field measurement of wall areas to supplier--graphics are to be scaled to fit field measurements. Do not cut off or crop graphics--use full sized pieces Smooth wall covering to eliminate bubbles and ensure adhesion. Remove excess adhesive from seams immediately. Use panels in exact order they are cut from roll. Reverse every other panel of non-matching patterns. Fill in above and below openings with panels cut in consecutive order from roll. Install wall covering free from bubbles, wrinkles, open or loose seams, and other visible defects. **SECTION 097733** SANITARY WALL PANELS MANUFACTURERS Acceptable Manufacturers: Crane Composites. (www.cranecomposites.com) Marlite. (www.marlite.com) Substitutions: Not permittee MATERIALS Sanitary Wall Panels: Type: Glass fiber reinforced plastic, USDA approved for incidental food Size: 3/32 inch thick x 48 inches wide x maximum practical length. Color: White Surface texture: Low gloss, pebbled. ACCESSORIES One piece extruded PVC, manufacturer's standard profile. Inside and outside corners, division bar, and J-molding. Color: To match panels. Adhesive Compatible with panels and substrate; recommended by panel manufacture Joint Sealer: Specified in Section 07 9200. Patching Compound: White latex type. PREPARATION Prepare substrate to receive panels: Remove high spots. Fill low spots with patching compound; sand smooth. Remove loose and foreign matter that could impair adhesion. INSTALLATION Install in accordance with manufacturer's instructions. Install trim Panel-to-panel joints: Division bar. Internal and external corners. Exposed edges: J molding. Secure to substrate. Cut panels to fit at perimeter and around penetrations. Ensure that trim will completely cover cut edges. Maintain 1/8 to 3/16 inch expansion space at perimeter and around penetrations. Adhere panels to substrate with full bed of adhesive. Install continuous bead of joint sealer between panels and trim and between trim and adjacent construction. **SECTION 099100** PAINTING PROJECT CONDITIONS Do not apply materials when surface and ambient temperatures or relative humidity are outside ranges required by paint manufacturer. Maintain ambient and substrate temperatures above manufacturer's minimum requirements for 24 hours before, during and after paint application. Do not apply materials when relative humidity is above 85 percent or when dew point is less than 5 degrees F different than ambient or surface temperature. Provide lighting level of 30 footcandles at substrate surface. Extra Materials: 1 gallon of each color and sheen. MANUFACTURERS Acceptable Manufacturers: Sherwin Williams. (www.sherwin-williams.com) ACCESSORIES Accessory Materials: Paint thinners and other materials required to achieve specified finishes; commercial quality. Patching Materials: Latex filler. Fastener Head Cover Materials: Latex filler. EXAMINATION Test shop applied primer for compatibility with subsequent coatings Measure moisture content of surfaces using electronic moisture meter. Do not apply coatings unless moisture content of surfaces are below following maximums: Gypsum board and plaster: 12 percent door recesses, closets, and similar openings as shown on Wood: 15 percent, measured to ASTM D4442. PREPARATION Protect adjacent and underlying surfaces. Remove or mask electrical plates, hardware, light fixture trim, escutcheons, and fittings prior to preparing surfaces or finishing. Correct defects and clean surfaces capable of affecting work of this section. Seal marks that may bleed through surface finishes with shellac. Impervious Surfaces: Remove mildew by scrubbing with solution of trisodium phosphate and bleach. Rinse with clean water and allow to

Maintain minimum temperature of 50 degrees F in areas to receive wall

covering for three days prior to, during, and after installation.

MANUFACTURERS

neutralize high alkali surfaces.

Aluminum: SSPC Method SP1 - Solvent Cleaning. Uncoated Ferrous Metals: SSPC Method SP2 - Hand Tool Cleaning or

Method SP3 - Power Tool Cleaning. Shop Primed Ferrous Metals: SSPC Method SP2 - Hand Tool Cleaning or Method SP3 - Power Tool

Cleaning. Feather edges to make patches inconspicuous. Prime bare steel surfaces.

Interior Wood:

Gypsum Board:

blocking with all fasteners into blocking

MATERIALS

Fill hairline cracks, small holes, and imperfections with latex patching plaster. Finish smooth and flush with adjacent surfaces. Wash and

Fill minor defects with filler compound. Spot prime defects after repair.

Wipe off dust and grit. Seal knots, pitch streaks, and sappy sections with sealer. Fill nail holes and cracks after primer has dried; sand between coats Existing Surfaces:

Remove loose, flaking, powdery, and peeling paints. Lightly sand glossy painted surfaces. Fill holes, cracks, depressions and other imperfections with patching compound; sand flush with surface. Remove oil, grease, and wax by scraping; solvent wash and thoroughly rinse. Remove rust by wire brushing to expose base metal.

APPLICATION Apply paints in accordance with MPI Painting Manual, Premium Grade finish requirements. Apply primer or first coat closely following surface preparation to prevent recontamination. Do not apply finishes to surfaces that are not dry. Apply coatings to minimum dry film thickness recommended by manufacturer. Apply each coat of paint slightly darker than preceding coat unless specified otherwise. Apply coatings to uniform appearance without laps, sags, curtains, holidays, and brush marks. Allow applied coats to dry before next coat is applied. When required on deep and bright colors apply an additional finish coat to ensure color consistency. Continue paint finishes behind wall-mounted accessories. Sand between coats on interior wood and metal surfaces. Match final coat to approved color samples. Where clear finishes are specified, tint fillers to match wood. Work fillers into grain before set. Wipe excess from surface. Prime concealed surfaces of exterior wood and interior wood in contact with masonry or cementitious materials with one coat primer paint. Remove paint from adjacent surfaces. Touch up or refinish disfigured surfaces

#### Mechanical and Electrical Components: Paint factory primed equipment.

Remove unfinished and primed louvers, grilles, covers, and access panels; paint separately. Paint exposed and insulated pipes, conduit, boxes, ducts, hangers, brackets, collars, and supports unless factory finished. Do not paint name tags or identifying markings. Paint exposed conduit and electrical equipment in finished areas. Paint duct work behind louvers, grills, and diffusers flat black to minimum of 18 inches or beyond sight line.

Do not Paint: Surfaces indicated on Drawings or specified to be unpainted or

Surfaces with factory applied finish coat or integral finish. Architectural metals, including brass, bronze, stainless steel, and chrome plating. FINISH SCHEDULE Doors and Trim

#### Back Door Galvanized Iron, New

unfinished

Primer:

mils. drv)

1st coat:

Primer:

1st coat

Primer<sup>.</sup>

1st coat:

2nd coat:

Primer<sup>.</sup>

1st coat:

2nd coat:

VOC

VOC

VOC

VOC

Pro Industrial Pro-Cryl Universal Primer, B66-310 series, <100 g/L VOC

1st coat: Pro Industrial Zero VOC Acrylic Semi-Gloss, B66-650 series, 0 g/L VOC 2nd coat: Pro Industrial Zero VOC Acrylic Semi-Gloss, B66-650 series, 0 g/L VOC Aluminum Trim

Prime Coat: S-W DTM Wash Primer, B71Y1 (3.4 mils. wet, 0.7 Pro Industrial Zero VOC Acrylic Semi-Gloss,

B66-650 series 0 g/L VOC 2nd coat: Pro Industrial Zero VOC Acrylic Semi-Gloss, B66-650 series 0 g/L VOC Doors and Trim

#### Galvanized Iron, New

Semi-Gloss Finish Pro Industrial Pro-Cryl Universal Primer, B66-310

series, <100 g/L VOC Pro Industrial Zero VOC Acrylic Semi-Gloss, B66-650 series 0 g/L VOC

Pro Industrial Zero VOC Acrylic Semi-Gloss, 2nd coat: B66-650 series 0 g/L VOC Wood, New

Walls in Sales Area (where wall covering is not used) Egg-Shell Finish -- Low Odor Zero VOC System ProMar 200 Zero VOC Interior Latex Primer, B28W2600 0 g/L VOC

> ProMar 200 Zero VOC Eg-Shel B26-2600 series, 0 g/l ProMar 200 Zero VOC Eg-Shel B26-2600 series, 0 g/L

Soffits, Ceilings at Restroom, Drive-Thru, Vestibule Egg-Shel Finish -- Low Odor Zero VOC System

ProMar 200 Zero VOC Interior Latex Primer, B28W2600 0 g/L VOC ProMar 200 Zero VOC Eg-Shel B26-2600 series, 0 g/L

ProMar 200 Zero VOC Eg-Shel B26-2600 series, 0 g/L

SECTION 10 2813 **TOILET AND KITCHEN ACCESSORIES PRODUCTS** MANUFACTURERS--Purchase from National Account

ACCESSORIES Fasteners: Stainless steel where exposed, hot dip galvanized where concealed; type best suited to substrate conditions.

INSTALLATION Install in accordance with manufacturer's instructions.

Set plumb, level, square, and rigid.

Install wiring between power supply and accessories if required. Install iron pipe toilet tissue and paper towel dispenser on solid blocking and use fasteners able to withstand a 200lb vertical load applied during walk through inspection.

SCHEDULE See Toilet Accessories Schedule.

#### SECTION 10155 **TOILET PARTITIONS**

MATERIALS: Purchase from National Account

Field measure and provide Shop Drawings for toilet compartments: Provide shop drawings for fabrication and installation of compartment assemblies that are not fully described by architectural drawings. INSTALLATION: Install according to manufactures instruction on solid

**EXCAVATION AND FILL** 

Engineered Fill: Crushed stone or gravel graded per ASTM C136.

Sand: Natural river or bank sand, washed, free from silt, clay, loam, friable or soluble materials, and organic matter, graded per ASTM C136. Common Fill: Reused site or imported soils free from trash, debris, roots over 1 inch in diameter, matted roots, rocks over 3 inches in diameter, topsoil, and other deleterious matter

TRENCHING Cut trenches sufficiently wide to allow for installation of utilities and for inspection of work. Hand trim excavations; remove loose matter.

Remove rocks and obstructions Correct over-excavation by use of lean concrete or pipe bedding material.

#### BACKFILLING

Backfill under structures with Engineered Fill. Place backfill in loose, even, horizontal lifts maximum 8 inches deep. Compact each lift to 95 percent of ASTM D1557 modified] Proctor maximum drv densitv

Backfill outside of structures and under paving with Common Fill. Place backfill in loose, even, horizontal lifts maximum 8 inches deep. Compact each lift to 95 percent of ASTM D1557 modified] Proctor maximum dry density.

DIVISION 22 - PLUMBING See Plumbing Drawings **DIVISION 23 - HEATING, VENTILATING AND AIR CONDITIONING** (HVAC) See HVAC Drawings

DIVISION 26 - ELECTRICAL See Electrical Drawings

g. sig 40 σ cti Cti σ

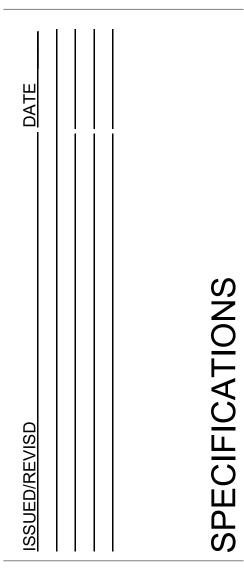


10/29/2021

# Route 21 & 79 Greene Plaza Space #2 Waynesburg, PA 15370 **Greene** County



Cindy Yorio 724) 998-3582 vyorio.icloud.cc



NATIONAL ACCOUNT CONTACTS

Mohawk Industries - Vanessa Crider 706-624-2527

Vanessa\_crider@mohawkind.com

Chandler Signs - Robin Frantz - 619-618-8387 RFrantz@chandlersigns.com

Stanford Sonoma - John Beaty 214-893-4656 jbeaty@stanfordsonoma.net

CaptiveAire Commercial Kitchen Ventilation - Will Moran 214-220-3999 will.moran@captiveaire.com

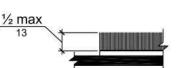
Central Restaurant Supply - Nason Frizzell 317-238-8454 nasonf@centralrestaurant.com

Cook Shack - Stuart Powell 580-765-3669 S Powell@cookshack.com

#### CHAPTER 3: BUILDING BLOCKS

#### 302 Floor or Ground Surfaces

302.2 Carpet. Carpet or carpet tile shall be securely attached and shall have a firm cushion, pad, or backing or no cushion or pad. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/uncut pile texture. Pile height shall be 1/2 inch (13 mm) maximum. Exposed edges of carpet shall be fastened to floor surfaces and shall have trim on the entire length of the exposed exposed edge. Carpet edge trim shall comply with 303.



## Figure 302.2 Carpet Pile Height

302.3 Openings. Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch (13 mm) diameter except as allowed in 407.4.3, 409.4.3, 410.4, 810.5.3 and 810.10. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel.

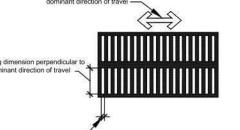


Figure 302.3 Elongated Openings in Floor or Ground Surfaces

303.2 Vertical. Changes in level of 1/4 inch (6.4 mm) high maximum shall be permitted to be vertical.

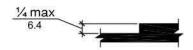


Figure 303.2 Vertical Change in Level

303.3 Beveled. Changes in level between 1/4 inch (6.4 mm) high minimum and 1/2 inch (13 mm) high maximum shall be beveled with a slope not steeper than 1:2.

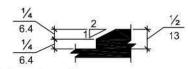


Figure 303.3 Beveled Change in Level

304 Turning Space

304.3.1 Circular Space. The turning space shall be a space of 60 inches (1525 mm) diameter minimum. The space shall be permitted to include knee and toe clearance complying with 306.

304.3.2 T-Shaped Space. The turning space shall be a T-shaped space within a 60 inch (1525 mm) square minimum with arms and base 36 inches (915 mm) wide minimum. Each arm of the T shall be clear of obstructions 12 inches (305 mm) minimum in each direction and the base shall be clear of obstructions 24 inches (610 mm) minimum. The space shall be permitted to include knee and toe clearance complying with 306 only at the end of either the base or one arm.

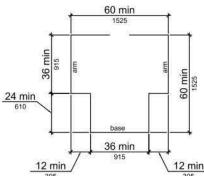
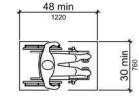


Figure 304.3.2 T-Shaped Turning Space





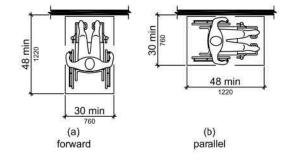


Figure 305.5 Position of Clear Floor or Ground Space

36 min

Figure 305.7.1 Maneuvering Clearance in an Alcove, Forward Approach

305.7.2 Parallel Approach. Alcoves shall be 60 inches (1525 mm) wide minimum where the depth exceeds

305.7.1 Forward Approach. Alcoves shall be 36 inches (915 mm)wide minimum where the depth exceeds

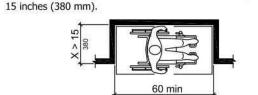


Figure 305.7.2 Maneuvering Clearance in an Alcove, Parallel Approach

306 Knee and Toe Clearance

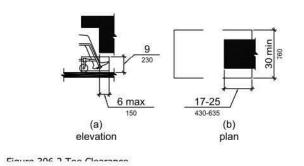
306.2 Toe Clearance.

24 inches (610 mm).

306.2.1 General. Space under an element between the finish floor or ground and 9 inches (230 mm) above the finish floor or ground shall be considered toe clearance and shall comply with 306.2. 306.2.2 Maximum Depth. Toe clearance shall extend 25 inches (635 mm) maximum under an element.

306.2.3 Minimum Required Depth. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches (430 mm) minimum under the element.

306.2.4 Additional Clearance. Space extending greater than 6 inches (150 mm) beyond the available knee clearance at 9 inches (230 mm) above the finish floor or ground shall not be considered toe clearance. 306.2.5 Width. Toe clearance shall be 30 inches (760 mm) wide minimum.



306.3 Knee Clearance.

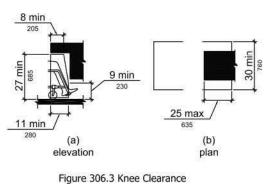
306.3.1 General. Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3. 306.3.2 Maximum Depth. Knee clearance shall extend 25 inches (635 mm) maximum under an element at

9 inches (230 mm) above the finish floor or ground.

306.3.3 Minimum Required Depth. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

306.3.4 Clearance Reduction. Between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for each 6 inches (150 mm) in height.

306.3.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.



307 Protruding Objects

307.2 Protrusion Limits. Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.

EXCEPTION: Handrails shall be permitted to protrude 4 1/2 inches (115 mm) maximum.

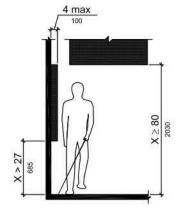


Figure 307.2 Limits of Protruding Objects

307.3 Post-Mounted Objects. Free-standing objects mounted on posts or pylons shall overhang circulation paths 12 inches (305 mm) maximum when located 27 inches (685 mm) minimum and 80 inches (2030 mm) maximum above the finish floor or ground. Where a sign or other obstruction is mounted between posts or pylons and the clear distance between the posts or pylons is greater than 12 inches (305 mm), the lowest edge of such sign or obstruction shall be 27 inches (685 mm) maximum or 80 inches (2030 mm) minimum above the finish floor or ground.

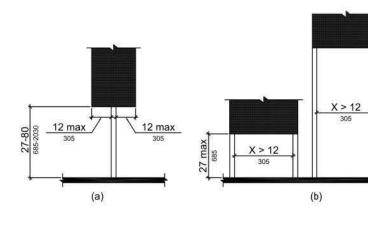


Figure 307.3 Post-Mounted Protruding Objects

307.4 Vertical Clearance. Vertical clearance shall be 80 inches (2030 mm) high minimum. Guardrails or other barriers shall be provided where the vertical clearance is less than 80 inches (2030 mm) high. The leading edge of such guardrail or barrier shall be located 27 inches (685 mm) maximum above the finish floor or ground.

EXCEPTION: Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the finish floor or ground.

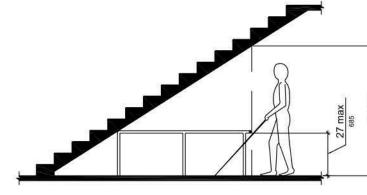


Figure 307.4 Vertical Clearance

308 Reach Ranges Children's Reach Ranges 
 Forward or Side Reach
 High (maximum)
 Low (minimum)

 Ages 3 and 4
 36 in (915 mm)
 20 in (510 mm)

 Ages 5 through 8
 40 in (1015 mm)
 18 in (455 mm)
 40 in (1015 mm) 16 in (405 mm) Ages 9 through 12 44 in (1120 mm)

308.2 Forward Reach.

308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm)



Figure 308.2.2 Obstructed High Forward Reach

308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48 inches (1220 mm) maximum where the reach depth is 20 inches (510 mm) maximum. Where the reach depth exceeds 20 inches (510 mm), the high forward reach shall be 44 inches (1120 mm) maximum and the reach depth shall be 25 inches (635 mm) maximum.

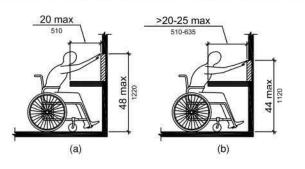


Figure 308.3.1 Unobstructed Side Reach



309 Operable Parts

CHAPTER 4: ACCESSIBLE ROUTES

walking surfaces shall not be steeper than 1:48.

403.4 Changes in Level. Changes in level shall comply with 303.

requirements of Chapter 4.

more steeply sloped.

403 Walking Surfaces

being performed.

leaving the turn.

be 36 inches (915 mm) minimum

308.3.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element and

the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) maximum and the low

side reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

308.3.2 Obstructed High Reach. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches (865 mm) maximum and the depth of the obstruction shall be 24 inches (610 mm) maximum. The high side reach shall be 48 inches (1220 mm) maximum for a reach depth of 10 inches (255 mm) maximum. Where the reach depth exceeds 10 inches (255 mm), the high side reach shall be 46 inches (1170 mm)

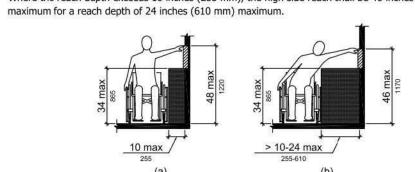


Figure 308.3.2 Obstructed High Side Reach

309.3 Height. Operable parts shall be placed within one or more of the reach ranges specified in 308. 309.4 Operation. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N)

402.2 Components. Accessible routes shall consist of one or more of the following components: walking

surfaces with a running slope not steeper than 1:20, doorways, ramps, curb ramps excluding the flared

sides, elevators, and platform lifts. All components of an accessible route shall comply with the applicable

Advisory 402.2 Components. Walking surfaces must have running slopes not steeper than 1:20, see 403.3.

Other components of accessible routes, such as ramps (405) and curb ramps (406), are permitted to be

403.3 Slope. The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of

EXCEPTION: Within employee work areas, clearances on common use circulation paths shall be permitted to

be decreased by work area equipment provided that the decrease is essential to the function of the work

403.5.1 Clear Width. Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall

EXCEPTION: The clear width shall be permitted to be reduced to 32 inches (815 mm) minimum for a

length of 24 inches (610 mm) maximum provided that reduced width segments are separated by

segments that are 48 inches (1220 mm) long minimum and 36 inches (915 mm) wide minimum.

Figure 403.5.1 Clear Width of an Accessible Route

403.5.2 Clear Width at Turn. Where the accessible route makes a 180 degree turn around an element which is less than 48 inches (1220 mm) wide, clear width shall be 42 inches (1065 mm) minimum

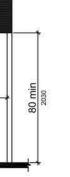
approaching the turn, 48 inches (1220 mm) minimum at the turn and 42 inches (1065 mm) minimum

403.1 General. Walking surfaces that are a part of an accessible route shall comply with 403.

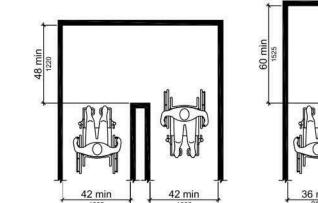
403.2 Floor or Ground Surface. Floor or ground surfaces shall comply with 302.

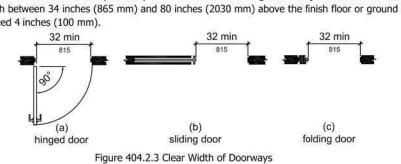
403.5 Clearances. Walking surfaces shall provide clearances complying with 403.5.

309.2 Clear Floor Space. A clear floor or ground space complying with 305 shall be provided.



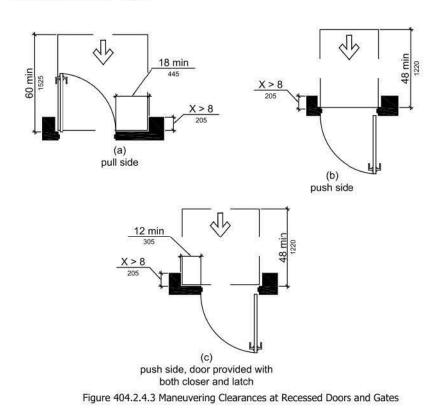






404.2.4 Maneuvering Clearances. Minimum maneuvering clearances at doors and gates shall comply with 404.2.4. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance.

404.2.4.3 Recessed Doors and Gates. Maneuvering clearances for forward approach shall be provided when any obstruction within 18 inches (455 mm) of the latch side of a doorway projects more than 8 inches (205 mm) beyond the face of the door, measured perpendicular to the face of the door or gate.



404.2.6 Doors in Series and Gates in Series. The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.

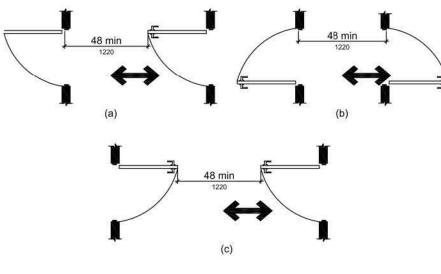


Figure 404.2.6 Doors in Series and Gates in Series

404.2.7 Door and Gate Hardware. Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches (865 mm) minimum and 44 inches (1220 mm) maximum above the finish floor or ground. Where sliding doors are in the fully open position, operating hardware shall be exposed and usable frcm both sides.

404.2.8.1 Door Closers and Gate Closers. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

404.2.8.2 Spring Hinges. Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

404.2.9 Door and Gate Opening Force. Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows:

1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum.

2. Sliding or folding doors: 5 pounds (22.2 N) maximum.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position

404.2.10 Door and Gate Surfaces. Swinging door and gate surfaces within 10 inches (255 mm) of the finish floor or ground measured vertically shall have a smooth surface on the push side extending the full width of the door or gate. Parts creating horizontal or vertical joints in these surfaces shall be within 1/16 inch (1.6 mm) of the same plane as the other. Cavities created by added kick plates shall be capped.

404.2.11 Vision Lights. Doors, gates, and side lights adjacent to doors or gates, containing one or more glazing panels that permit viewing through the panels shall have the bottom of at least one glazed panel located 43 inches (1090 mm) maximum above the finish floor.

404.3 Automatic and Power-Assisted Doors and Gates. Automatic doors and automatic gates shall comply with 404.3. Full-powered automatic doors shall comply with ANSI/BHMA A156.10 (incorporated by reference, see "Referenced Standards" in Chapter 1). Low-energy and power-assisted doors shall comply with ANSI/BHMA A156.19 (1997 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1).

404.3.2 Maneuvering Clearance. Clearances at power-assisted doors and gates shall comply with 404.2.4. Clearances at automatic doors and gates without standby power and serving an accessible means of egress shall comply with 404.2.4.

404.3.7 Revolving Doors, Revolving Gates, and Turnstiles. Revolving doors, revolving gates, and turnstiles shall not be part of an accessible route.

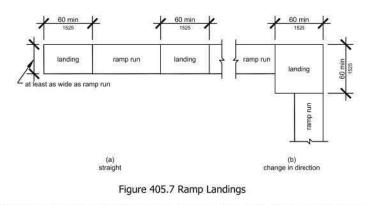
405 Ramps 405.2 Slope. Ramp runs shall have a running slope not steeper than 1:12.

405.3 Cross Slope. Cross slope of ramp runs shall not be steeper than 1:48.

405.5 Clear Width. The clear width of a ramp run and, where handrails are provided, the clear width between handrails shall be 36 inches (915 mm) minimum

405.6 Rise. The rise for any ramp run shall be 30 inches (760 mm) maximum.

405.7 Landings. Ramps shall have landings at the top and the bottom of each ramp run. Landings shall comply with 405.7.



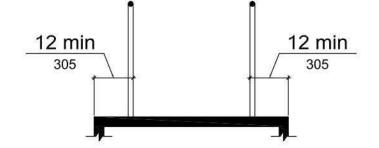
405.7.1 Slope. Landings shall have slope no steeper than 1:48. Changes in level are not permitted. 405.7.2 Width. The landing clear width shall be at least as wide as the widest ramp run leading to the landing.

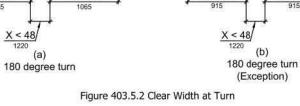
405.7.3 Length. The landing clear length shall be 60 inches (1525 mm) long minimum. 405.7.4 Change in Direction. Ramps that change direction between runs at landings shall have a clear landing 60 inches (1525 mm) minimum by 60 inches (1525 mm) minimum. 405.7.5 Doorways. Where doorways are located adjacent to a ramp landing, maneuvering

405.8 Handrails. Ramp runs with a rise greater than 6 inches (150 mm) shall have handrails complying with 505. 405.9 Edge Protection. Edge protection complying with 405.9.1 or 405.9.2 shall be provided on each side of ramp runs and at each side of ramp landings.

clearances required by 404.2.4 and 404.3.2 shall be permitted to overlap the required landing

405.9.1 Extended Floor or Ground Surface. The floor or ground surface of the ramp run or landing shall extend 12 inches (305 mm) minimum beyond the inside face of a handrail complying with 505.





403.5.3 Passing Spaces. An accessible route with a clear width less than 60 inches (1525 mm) shall provide passing spaces at intervals of 200 feet (61 m) maximum.

## 404 Doors, Doorways, and Gates

404.2.3 Clear Width. Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

405.9.2 Curb or Barrier. A curb or barrier shall be provided that prevents the passage of a 4 inch (100 mm) diameter sphere, where any portion of the sphere is within 4 inches (100 mm) of the finish floor or ground surface.

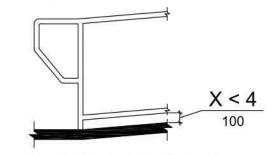


Figure 405.9.2 Curb or Barrier Edge Protection 406 Curb Ramps

406.1 General. Curb ramps on accessible routes shall comply with 406, 405.2 through 405.5, and 405.10.

406.2 Counter Slope. Counter slopes of adjoining gutters and road surfaces immediately adjacent to the curb ramp shall not be steeper than 1:20. The adjacent surfaces at transitions at curb ramps to walks, gutters, and streets shall be at the same level.

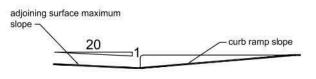


Figure 406.2 Counter Slope of Surfaces Adjacent to Curb Ramps

406.3 Sides of Curb Ramps. Where provided, curb ramp flares shall not be steeper than 1:10.

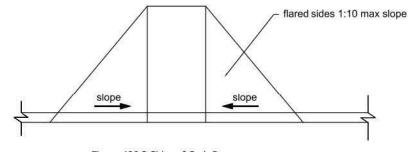
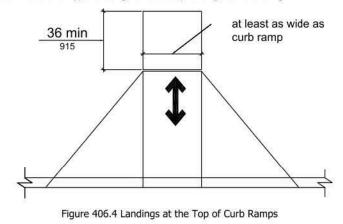


Figure 406.3 Sides of Curb Ramps

406.4 Landings. Landings shall be provided at the tops of curb ramps. The landing clear length shall be 36 inches (915 mm) minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing.



406.5 Location. Curb ramps and the flared sides of curb ramps shall be located so that they do not project into vehicular traffic lanes, parking spaces, or parking access aisles. Curb ramps at marked crossings shall be wholly contained within the markings, excluding any flared

406.6 Diagonal Curb Ramps. Diagonal or corner type curb ramps with returned curbs or other well-defined edges shall have the edges parallel to the direction of pedestrian flow. The bottom of diagonal curb ramps shall have a clear space 48 inches (1220 mm) minimum outside active traffic lanes of the roadway. Diagonal curb ramps provided at marked crossings shall provide the 48 inches (1220 mm) minimum clear space within the markings. Diagonal curb ramps with flared sides shall have a segment of curb 24 inches (610 mm) long minimum located on each side of the curb ramp and within the marked crossing.

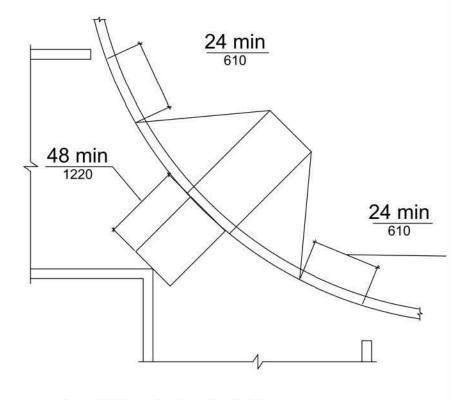


Figure 406.6 Diagonal or Corner Type Curb Ramps

406.7 Islands. Raised islands in crossings shall be cut through level with the street or have curb ramps at both sides. Each curb ramp shall have a level area 48 inches (1220 mm) long minimum by 36 inches (915 mm) wide minimum at the top of the curb ramp in the part of the island intersected by the crossings. Each 48 inch (1220 mm) minimum by 36 inch (915 mm) minimum area shall be oriented so that the 48 inch (1220 mm) minimum length is in the direction of the running slope of the curb ramp it serves. The 48 inch (1220 mm) minimum by 36 inch (915 mm) minimum areas and the accessible route shall be permitted to overlap.

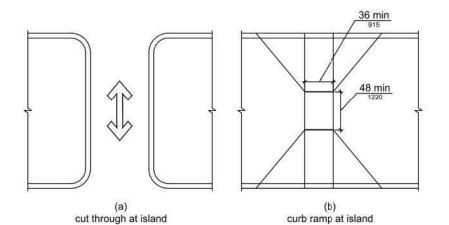
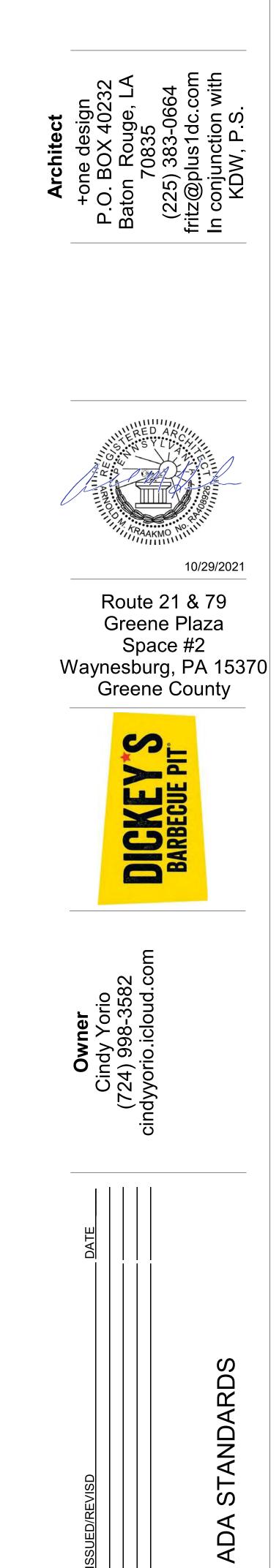


Figure 406.7 Islands in Crossings



504 Stairways 504.1 General. Stairs that are part of the means of egress is required to comply with 504

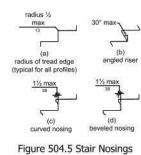
504.2 Treads and Risers. All steps on a flight of stairs shall have uniform riser heights and

uniform tread depths. Risers shall be 4 inches (100 mm) high minimum and 7 inches (180 mm) high maximum. Treads shall be 11 inches (280 mm) deep minimum.

504.3 Open Risers. Open risers are not permitted.

504.4 Tread Surface. Stair treads shall comply with 302. Changes in level are not permitted.

504.5 Nosings. The radius of curvature at the leading edge of the tread shall be 1/2 inch (13 mm) maximum. Nosings that project beyond risers shall have the underside of the leading edge curved or beveled. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall extend 1 1/2 inches (38 mm) maximum over the tread below.



504.6 Handrails. Stairs shall have handrails complying with 505. 504.7 Wet Conditions. Stair treads and landings subject to wet conditions shall be designed to prevent the accumulation of water.

505 Handrails 505.1 General. Handrails provided along walking surfaces complying with 403, required at ramps complying with 405, and required at stairs complying with 504 shall comply with 505.

Advisory 505.1 General. Handrails are required on ramp runs with a rise greater than 6 inches (150 mm) (see 405.8) and on certain stairways (see 504). Handrails are not required on walking surfaces with running slopes less than 1:20. However, handrails are required to comply with 50 when they are provided on walking surfaces with running slopes less than 1:20 (see 403.6). Sections 505.2, 505.3, and 505.10 do not apply to handrails provided on walking surfaces with

running slopes less than 1:20 as these sections only reference requirements for ramps and stairs. 505.2 Where Required. Handrails shall be provided on both sides of stairs and ramps.

505.3 Continuity. Handrails shall be continuous within the full length of each stair flight or ramp run. Inside handrails on switchback or dogleg stairs and ramps shall be continuous between flights or runs.

505.4 Height. Top of gripping surfaces of handrails shall be 34 inches (865 mm) minimum and 38 inches (965 mm) maximum vertically above walking surfaces, stair nosings, and ramp surfaces. Handrails shall be at a consistent height above walking surfaces, stair nosings, and ramp surfaces.

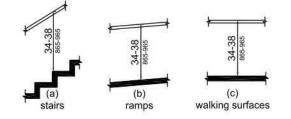


Figure 505.4 Handrail Height

505.5 Clearance. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1 1/2 inches (38 mm) minimum.



Figure 505.5 Handrail Clearance Figure 505.6 Horizontal Projections Below Gripping Surface 505.6 Gripping Surface. Handrail gripping surfaces shall be continuous along their length and shall not be obstructed along their tops or sides. The bottoms of handrail gripping surfaces shall not be obstructed for more than 20 percent of their length. Where provided, horizontal projections shall occur 1 1/2 inches (38 mm) minimum below the bottom of the handrail gripping surface.

505.7.1 Circular Cross Section. Handrail gripping surfaces with a circular cross section shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

505.7.2 Non-Circular Cross Sections. Handrail gripping surfaces with a non-circular cross section shall have a perimeter dimension of 4 inches (100 mm) minimum and 6 1/4 inches (160 mm) maximum, and a cross-section dimension of 2 1/4 inches (57 mm) maximum.

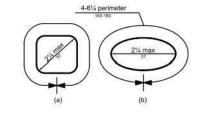


Figure 505.7.2 Handrail Non-Circular Cross Section

505.8 Surfaces. Handrail gripping surfaces and any surfaces adjacent to them shall be free of sharp or abrasive elements and shall have rounded edges. 505.9 Fittings. Handrails shall not rotate within their fittings

505.10 Handrail Extensions. Handrail gripping surfaces shall extend beyond and in the same

direction of stair flights and ramp runs in accordance with 505.10.

505.10.1 Top and Bottom Extension at Ramps. Ramp handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beyond the top and bottom of ramp runs. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent ramp run.

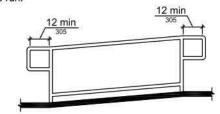
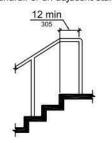


Figure 505.10.1 Top and Bottom Handrail Extension at Ramps

505.10.2 Top Extension at Stairs. At the top of a stair flight, handrails shall extend horizontally above the landing for 12 inches (305 mm) minimum beginning directly above the first riser nosing. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.



Note: X = tread dept

Figure 505.10.2 Top Handrail Extension at Stairs Figure 505.10.3 Bottom Handrail Extension at Stairs 505.10.3 Bottom Extension at Stairs. At the bottom of a stair flight, handrails shall extend at the slope of the stair flight for a horizontal distance equal to one tread depth beyond the last riser nosing. The horizontal extension of a handrail shall be 12 inches (305 mm) long minimum and a height equal to that of the sloping portion of the handrail as measured above the stair nosings. Extension shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight.

CHAPTER 6: PLUMBING ELEMENTS AND FACILITIES mun 602 Drinking Fountains 602.2 Clear Floor Space. Units shall have a clear floor or ground space complying with 305

positioned for a forward approach and centered on the unit. Knee and toe clearance complying with 306 shall be provided EXCEPTION: A parallel approach complying with 305 shall be permitted at units for children's

use where the spout is 30 inches (760 mm) maximum above the finish floor or ground and is 3 1/2 inches (90 mm) maximum from the front edge of the unit, including bumpers. 602.3 Operable Parts. Operable parts shall comply with 309.

602.4 Spout Height. Spout outlets shall be 36 inches (915 mm) maximum above the finish floor or ground.

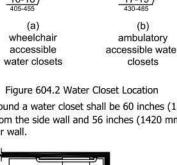
602.5 Spout Location. The spout shall be located 15 inches (380 mm) minimum from the vertical support and 5 inches (125 mm) maximum from the front edge of the unit, including bumpers



#### Figure 602.5 Drinking Fountain Spout Location

602.6 Water Flow. The spout shall provide a flow of water 4 inches (100 mm) high minimum and shall be located 5 inches (125 mm) maximum from the front of the unit. The angle of the water stream shall be measured horizontally relative to the front face of the unit. Where spouts are located less than 3 inches (75 mm) of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches (75 mm) and 5 inches (125 mm) maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum.

602.7 Drinking Fountains for Standing Persons. Spout outlets of drinking fountains for standing persons shall be 38 inches (965 mm) minimum and 43 inches (1090 mm) maximum above the finish floor or ground



604.3.1 Size. Clearance around a water closet shall be 60 inches (1525 mm) minimum measured perpendicular from the side wall and 56 inches (1420 mm) minimum measured perpendicular from the rear wall.

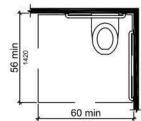


Figure 604.3.1 Size of Clearance at Water Closets

604.3.2 Overlap. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water

604.4 Seats. The seat height of a water closet above the finish floor shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum measured to the top of the seat. Seats shall not be sprung to return to a lifted position.

604.5 Grab Bars. Grab bars for water closets shall comply with 609. Grab bars shall be provided on the side wall closest to the water closet and on the rear wall. 604.5.1 Side Wall. The side wall grab bar shall be 42 inches (1065 mm) long minimum,

located 12 inches (305 mm) maximum from the rear wall and extending 54 inches (1370 mm) minimum from the rear wall



Figure 604.5.1 Side Wall Grab Bar at Water Closets Figure 604.5.2 Rear Wall Grab Bar at Water Closets

604.5.2 Rear Wall. The rear wall grab bar shall be 36 inches (915 mm) long minimum and extend from the centerline of the water closet 12 inches (305 mm) minimum on one side and 24 inches (610 mm) minimum on the other side.

604 6 Flush Controls Flush controls shall be hand on controls shall comply with 309. Flush controls shall be located on the open side of the water closet except in ambulatory accessible compartments complying with 604.8.2. 604.7 Dispensers. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180

mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches (380 mm) minimum and 48 inches (1220 mm) maximum above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

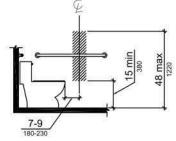
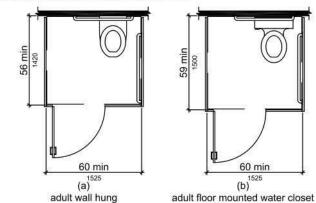


Figure 604.7 Dispenser Outlet Location

604.8 Toilet Compartments. Wheelchair accessible toilet compartments shall meet the requirements of 604.8.1 and 604.8.3. Compartments containing more than one plumbing fixture shall comply with 603. Ambulatory accessible compartments shall comply with 604.8.2 and 604.8.3.

604.8.1 Wheelchair Accessible Compartments. Wheelchair accessible compartments shall comply with 604.8.1.

604.8.1.1 Size. Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.



water closet

and children's water closet

Figure 604.8.1.1 Size of Wheelchair Accessible Toilet Compartment 604.8.1.2 Doors. Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area

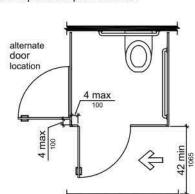


Figure 604.8.1.2 Wheelchair Accessible Toilet Compartment Doors 604.8.1.3 Approach. Compartments shall be arranged for left-hand or right-hand approach to the water closet



603.2.1 Turning Space. Turning space complying with 304 shall be provided within the room. 603.2.2 Overlap. Required clear floor spaces, clearance at fixtures, and turning space shall be permitted to overlap.

603.2.3 Door Swing. Doors shall not swing into the clear floor space or clearance required for any fixture. Doors shall be permitted to swing into the required turning space.

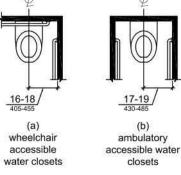
603.3 Mirrors. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40 inches (1015 mm) maximum above the finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches (890 mm) maximum above the finish floor or ground.

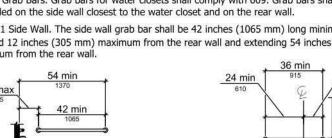
603.4 Coat Hooks and Shelves. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40 inches (1015 mm) minimum and 48 inches (1220 mm) maximum above the finish floor.

one side. The centerline of the water closet shall be 16 inches (405 mm) minimum to 18 inches (455 mm) maximum from the side wall or partition, except that the water closet shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in 604.8.2. Water closets

604 Water Closets and Toilet Compartments 604.2 Location. The water closet shall be positioned with a wall or partition to the rear and to

shall be arranged for a left-hand or right-hand approach.





604.8.1.4 Toe Clearance. The front partition and at least one side partition shall provide a toe clearance of 9 inches (230 mm) minimum above the finish floor and 6 inches (150 mm) deep minimum beyond the compartment-side face of the partition, exclusive of partition support members. Compartments for children's use shall provide a toe clearance of 12 inches (305 mm) minimum above the finish floor.

EXCEPTION: Toe clearance at the front partition is not required in a compartment greater than 62 inches (1575 mm) deep with a wall-hung water closet or 65 inches (1650 mm) deep with a floor-mounted water closet. Toe clearance at the side partition is not required in a compartment greater than 66 inches (1675 mm) wide. Toe clearance at the front partition is not required in a compartment for children's use that is greater than 65 inches (1650 mm)deep

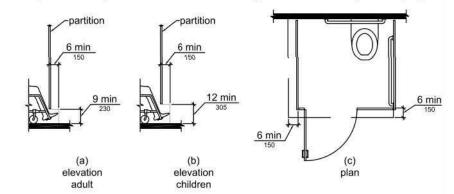


Figure 604.8.1.4 Wheelchair Accessible Toilet Compartment Toe Clearance 604.8.1.5 Grab Bars. Grab bars shall comply with 609. A side-wall grab bar complying with 604.5.1 shall be provided and shall be located on the wall closest to the water closet. In addition, a rear-wall grab bar complying with 604.5.2 shall be provided.

604.8.2 Ambulatory Accessible Compartments. Ambulatory accessible compartments shall comply with 604.8.2.

604.8.2.1 Size. Ambulatory accessible compartments shall have a depth of 60 inches (1525 mm) minimum and a width of 35 inches (890 mm) minimum and 37 inches (940 mm)

604.8.2.2 Doors. Toilet compartment doors, including door hardware, shall comply with 404, except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

604.8.2.3 Grab Bars. Grab bars shall comply with 609. A side-wall grab bar complying with 604.5.1 shall be provided on both sides of the compartment.

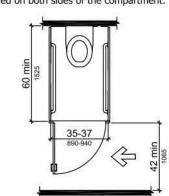


Figure 604.8.2 Ambulatory Accessible Toilet Compartment

604.8.3 Coat Hooks and Shelves. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40 inches (1015 mm) minimum and 48 inches (1220 mm) maximum above the finish floor.

604.9 Water Closets and Toilet Compartments for Children's Use. Water closets and toilet compartments for children's use shall comply with 604.9.

604.9.1 Location. The water closet shall be located with a wall or partition to the rear and to one side. The centerline of the water closet shall be 12 inches (305 mm) minimum and 18 inches (455 mm) maximum from the side wall or partition, except that the water closet shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in 604.8.2. Compartments shall be arranged for left-hand or right-hand approach to the water closet.

604.9.2 Clearance. Clearance around a water closet shall comply with 604.3.

604.9.3 Height. The height of water closets shall be 11 inches (280 mm) minimum and 17 inches (430 mm) maximum measured to the top of the seat. Seats shall not be sprung to return to a lifted position.

604.9.4 Grab Bars. Grab bars for water closets shall comply with 604.5. 604.9.5 Flush Controls. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309.2 and 309.4 and shall be installed 36 inches (915 mm) maximum above the finish floor. Flush controls shall be located on the open side of the wate

closet except in ambulatory accessible compartments complying with 604.8.2 604.9.6 Dispensers. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 14 inches (355 mm) minimum and 19 inches (485 mm) maximum above the finish floor. There shall be a clearance of 1 1/2 inches (38 mm) minimum below the grab bar. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

604.9.7 Toilet Compartments. Toilet compartments shall comply with 604.8.

#### 605 Urinals

605.2 Height and Depth. Urinals shall be the stall-type or the wall-hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Urinals shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the

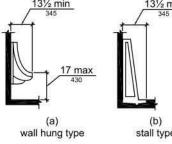


Figure 605.2 Height and Depth of Urinals

605.3 Clear Floor Space. A clear floor or ground space complying with 305 positioned for forward approach shall be provided 605.4 Flush Controls. Flush controls shall be hand operated or automatic. Hand operated flush

606 Lavatories and Sinks

controls shall comply with 309.

606.2 Clear Floor Space. A clear floor space complying with 305, positioned for a forward approach, and knee and toe clearance complying with 306 shall be provided 606.3 Height. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34 inches (865 mm) maximum above the finish floor or ground. 606.4 Faucets. Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum

606.5 Exposed Pipes and Surfaces. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.

#### 607 Bathtubs

607.2 Clearance. Clearance in front of bathtubs shall extend the length of the bathtub and shall be 30 inches (760 mm) wide minimum. A lavatory complying with 606 shall be permitted at the control end of the clearance. Where a permanent seat is provided at the head end of the bathtub, the clearance shall extend 12 inches (305 mm) minimum beyond the wall at the head end of the bathtub

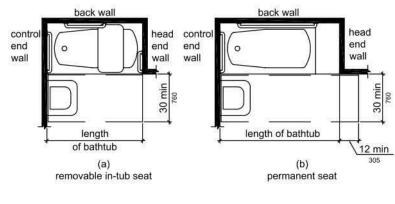


Figure 607.2 Clearance for Bathtubs

607.3 Seat. A permanent seat at the head end of the bathtub or a removable in-tub seat shall be provided. Seats shall comply with 610.

607.4 Grab Bars. Grab bars for bathtubs shall comply with 609 and shall be provided in accordance with 607.4.1 or 607.4.2.

607.4.1 Bathtubs With Permanent Seats. For bathtubs with permanent seats, grab bars shall provided in accordance with 607.4.1.

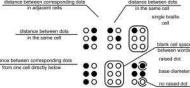
703.2.6 Stroke Thickness. Stroke thickness of the uppercase letter "I" shall be 15 percent maximum of the height of the character.

703.2.7 Character Spacing. Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Where characters have rectangular cross sections, spacing between individual raised characters shall be 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum. Where characters have other cross sections, spacing between individual raised characters shall be 1/16 inch (1.6 mm) minimum and 4 times the raised character stroke width maximum at the base of the cross sections, and 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum at the top of the cross sections. Characters shall be separated from raised borders and decorative elements 3/8 inch (9.5 mm) minimum.

703.2.8 Line Spacing, Spacing between the baselines of separate lines of raised characters within a message shall be 135 percent minimum and 170 percent maximum of the raised character height.

703.3 Braille. Braille shall be contracted (Grade 2) and shall comply with 703.3 and 703.4.

703.3.1 Dimensions and Capitalization. Braille dots shall have a domed or rounded shape and shall comply with Table 703.3.1. The indication of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, individual letters of the alphabet, initials, and acronyms.





703.3.2 Position. Braille shall be positioned below the corresponding text. If text is multi-lined, braille shall be placed below the entire text. Braille shall be separated 3/8 inch (9.5 mm) minimum from any other tactile characters and 3/8 inch (9.5 mm) minimum from raised borders and decorative elements.

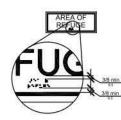


Figure 703.3.2 Position of Braille

703.4 Installation Height and Location. Signs with tactile characters shall comply with 703.4 703.4.1 Height Above Finish Floor or Ground. Tactile characters on signs shall be located 48 inches (1220 mm) minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches (1525 mm) maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character.

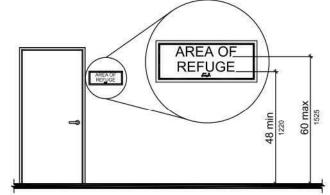


Figure 703.4.1 Height of Tactile Characters Above Finish Floor or Ground

703.4.2 Location. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

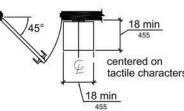


Figure 703.4.2 Location of Tactile Signs at Doors

703.5 Visual Characters. Visual characters shall comply with 703.5. 703.5.1 Finish and Contrast. Characters and their background shall have a non-glare finish. Characters

shall contrast with their background with either light characters on a dark background or dark characters on a light background.

letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I".

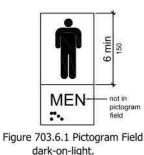
703.5.5 Character Height. Minimum character height shall comply with Table 703.5.5. Viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign. Character height shall be based on the uppercase letter "I".

above the finish floor or ground. 703.5.7 Stroke Thickness. Stroke thickness of the uppercase letter "I" shall be 10 percent minimum and 30

percent maximum of the height of the character. 703.5.8 Character Spacing. Character spacing shall be measured between the two closest points of adjacent characters, excluding word spaces. Spacing between individual characters shall be 10 percent minimum and

703.5.9 Line Spacing. Spacing between the baselines of separate lines of characters within a message shall be 135 percent minimum and 170 percent maximum of the character height.

703.6.1 Pictogram Field. Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.



703.6.2 Finish and Contrast. Pictograms and their field shall have a non-glare finish. Pictograms shall contrast with their field with either a light pictogram on a dark field or a dark pictogram on a light field. 703.6.3 Text Descriptors. Pictograms shall have text descriptors located directly below the pictogram field. Text descriptors shall comply with 703.2, 703.3 and 703.4.

703.7 Symbols of Accessibility. Symbols of accessibility shall comply with 703.7.

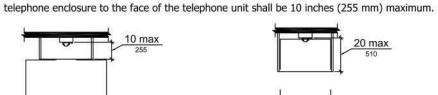
703.7.1 Finish and Contrast. Symbols of accessibility and their background shall have a non-glare finish. Symbols of accessibility shall contrast with their background with either a light symbol on a dark background or a dark symbol on a light background.

704.1 General. Public telephones shall comply with 704.

704.2 Wheelchair Accessible Telephones. Wheelchair accessible telephones shall comply with 704.2. 704.2.1 Clear Floor or Ground Space. A clear floor or ground space complying with 305 shall be provided.

The clear floor or ground space shall not be obstructed by bases, enclosures, or seats. Advisory 704.2.1 Clear Floor or Ground Space. Because clear floor and ground space is required to be

unobstructed, telephones, enclosures and related telephone book storage cannot encroach on the required clear floor or ground space and must comply with the provisions for protruding objects. (See Section 307). 704.2.1.1 Parallel Approach. Where a parallel approach is provided, the distance from the edge of the



igure 704.2.1.1 Parallel Approach to Telephone

Figure 704.2.1.2 Forward Approach to Telephone

703.5.2 Case. Characters shall be uppercase or lowercase or a combination of both. 703.5.3 Style. Characters shall be conventional in form. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.5.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase

703.5.6 Height From Finish Floor or Ground. Visual characters shall be 40 inches (1015 mm) minimum

35 percent maximum of character height. 703.6 Pictograms. Pictograms shall comply with 703.6.

704 Telephones

704.2.1.2 Forward Approach. Where a forward approach is provided, the distance from the front edge of a counter within the telephone enclosure to the face of the telephone unit shall be 20 inches (510 mm)

704.2.2 Operable Parts. Operable parts shall comply with 309. Telephones shall have push-button controls where such service is available

704.2.3 Telephone Directories. Telephone directories, where provided, shall be located in accordance with

704.2.4 Cord Length. The cord from the telephone to the handset shall be 29 inches (735 mm) long minimum

704.3 Volume Control Telephones. Public telephones required to have volume controls shall be equipped with a receive volume control that provides a gain adjustable up to 20 dB minimum. For incremental volume control, provide at least one intermediate step of 12 dB of gain minimum. An automatic reset shall be

704.4 TTYs. TTYs required at a public pay telephone shall be permanently affixed within, or adjacent to, the telephone enclosure. Where an acoustic coupler is used, the telephone cord shall be sufficiently long to allow connection of the TTY and the telephone receiver. 704.4.1 Height. When in use, the touch surface of TTY keypads shall be 34 inches (865 mm) minimum

above the finish floor. 704.5 TTY Shelf. Public pay telephones required to accommodate portable TTYs shall be equipped with a shelf and an electrical outlet within or adjacent to the telephone enclosure. The telephone handset shall be capable of being placed flush on the surface of the shelf. The shelf shall be capable of accommodating a TTY and shall have 6 inches (150 mm) minimum vertical clearance above the area where the TTY is to be

705 Detectable Warnings 705.1 General. Detectable warnings shall consist of a surface of truncated domes and shall comply with

705.1.1 Dome Size. Truncated domes in a detectable warning surface shall have a base diameter of 0.9 inch (23 mm) minimum and 1.4 inches (36 mm) maximum, a top diameter of 50 percent of the base diameter minimum to 65 percent of the base diameter maximum, and a height of 0.2 inch (5.1 mm).

705.1.2 Dome Spacing. Truncated domes in a detectable warning surface shall have a center-to-center spacing of 1.6 inches (41 mm) minimum and 2.4 inches (61 mm) maximum, and a base-to-base spacing of 0.65 inch (17 mm) minimum, measured between the most adjacent domes on a square grid.

705.1.3 Contrast. Detectable warning surfaces shall contrast visually with adjacent walking surfaces either light-on-dark, or dark-on-light.

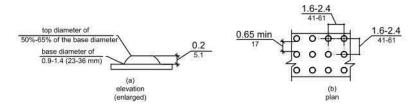


Figure 705.1 Size and Spacing of Truncated Domes

705.2 Platform Edges. Detectable warning surfaces at platform boarding edges shall be 24 inches (610 mm) wide and shall extend the full length of the public use areas of the platform.

#### 706 Assistive Listening Systems

706.2 Receiver Jacks. Receivers required for use with an assistive listening system shall include a 1/8 inch (3.2 mm) standard mono jack.

706.3 Receiver Hearing-Aid Compatibility. Receivers required to be hearing-aid compatible shall interface with telecoils in hearing aids through the provision of neckloops. 706.4 Sound Pressure Level. Assistive listening systems shall be capable of providing a sound pressure level of 110 dB minimum and 118 dB maximum with a dynamic range on the volume control of 50 dB. 706.5 Signal-to-Noise Ratio. The signal-to-noise ratio for internally generated noise in assistive listening

systems shall be 18 dB minimum. 706.6 Peak Clipping Level. Peak clipping shall not exceed 18 dB of clipping relative to the peaks of speech.

707 Automatic Teller Machines and Fare Machines

707.2 Clear Floor or Ground Space. A clear floor or ground space complying with 305 shall be provided. 707.3 Operable Parts. Operable parts shall comply with 309. Unless a clear or correct key is provided,

each operable part shall be able to be differentiated by sound or touch, without activation. EXCEPTION: Drive-up only automatic teller machines and fare machines shall not be required to comply with 309.2 and 309.3.

707.4 Privacy. Automatic teller machines shall provide the opportunity for the same degree of privacy of input and output available to all individuals.

707.5 Speech Output. Machines shall be speech enabled. Operating instructions and orientation, visibl transaction prompts, user input verification, error messages, and all displayed information for full use shall be accessible to and independently usable by individuals with vision impairments. Speech shall be delivered through a mechanism that is readily available to all users, including but not limited to, an industry standard connector or a telephone handset. Speech shall be recorded or digitized human, or synthesized. 707.5.1 User Control. Speech shall be capable of being repeated or interrupted. Volume control shall be provided for the speech function.

707.5.2 Receipts. Where receipts are provided, speech output devices shall provide audible balance inquiry information, error messages, and all other information on the printed receipt necessary to complete or verify the transaction

707.6 Input. Input devices shall comply with 707.6. 707.6.1 Input Controls. At least one tactilely discernible input control shall be provided for each function. Where provided, key surfaces not on active areas of display screens, shall be raised above surrounding surfaces. Where membrane keys are the only method of input, each shall be tactilely discernable from surrounding surfaces and adjacent keys.

707.6.2 Numeric Keys. Numeric keys shall be arranged in a 12-key ascending or descending telephone keypad layout. The number five key shall be tactilely distinct from the other keys.

707.6.3.1 Contrast. Function keys shall contrast visually from background surfaces. Characters and symbols on key surfaces shall contrast visually from key surfaces. Visual contrast shall be either light-on-dark or

707.6.3.2 Tactile Symbols. Function key surfaces shall have tactile symbols as follows: Enter or Proceed key: raised circle; Clear or Correct key: raised left arrow; Cancel key: raised letter ex; Add Value key: raised plus sign; Decrease Value key: raised minus sign.

707.7 Display Screen. The display screen shall comply with 707.7.

707.7.1 Visibility. The display screen shall be visible from a point located 40 inches (1015 mm) above the center of the clear floor space in front of the machine.

707.7.2 Characters. Characters displayed on the screen shall be in a sans serif font. Characters shall be 3/16 inch (4.8 mm) high minimum based on the uppercase letter "I". Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.

707.8 Braille Instructions. Braille instructions for initiating the speech mode shall be provided. Braille shall comply with 703.3.

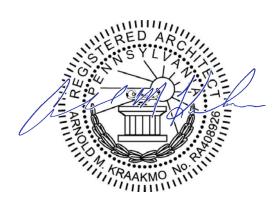
708 Two-Way Communication Systems 708.1 General. Two-way communication systems shall comply with 708.

708.2 Audible and Visual Indicators. The system shall provide both audible and visual signals.

708.3 Handsets. Handset cords, if provided, shall be 29 inches (735 mm) long minimum. 708.4 Residential Dwelling Unit Communication Systems. Communications systems between a residential dwelling unit and a site, building, or floor entrance shall comply with 708.4.

708.4.1 Common Use or Public Use System Interface. The common use or public use system interface shall include the capability of supporting voice and TTY communication with the residential dwelling unit interface.

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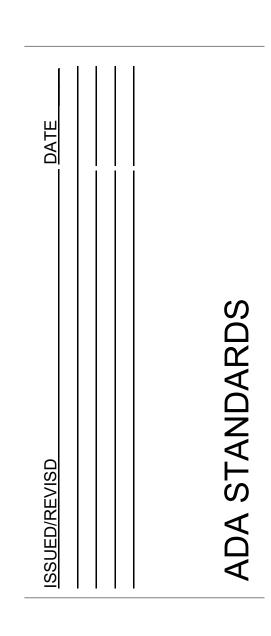


10/29/2021

Route 21 & 79 Greene Plaza Space #2 Waynesburg, PA 15370 **Greene County** 



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# AUTHORIZATION TO MARK

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	Ponca City OK 74601	
Country:	Lines and and their	
Contact:	Stuart Powell	
Phone:	800-423-0698	
Fax:	580-765-2223	
Email:	s_powell@cookshack.com	
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This Authonization to Mark is for the exclusive use of interte are limited to the terms and conditions of the agreement. Into occasioned by the use of this Authorization to Mark. Only the Certification mark is restricted to the conditions laid out in the product or service must first be approved in writing by Inter accordance with the agreement, they are not for the purpos	all previous Authoriza exis Client and is provided pursuant to the Ce lartek assumes no liability to any party, other the Client is authorized to permit copying or d the agreement and in this Authorization to Ma tek. Initial Factory Assessments and Follow tes of production quality control and do not re	Ations to Mark for the noted Report Number. entification agreement between Interfex and its Client. Interfex is responsibility and liability, than to the Client in accordance with the agreement, for any loss, expense or damage istribution of this Authorization to Mark and then only in lise entirety. Use of Interfex's is Any further use of the Infertex name for the sale or advertisement of the tested material up Services are for the purpose of assuring appropriate usage of the Certification mark in elleve the Client of their obligations in this respect. 1482 (2000): ULC S627 (2000): UL Subject 2162 (2001): UL 1482
This Authonization to Mark is for the exclusive use of interta are limited to the terms and conditions of the agreement. Into occasioned by the use of this Authonization to Mark. Only th Certification mark is restricted to the conditions laid out in th	all previous Authorization is provided pursuant to the Content of the saumes no liability to any party, other the Clerit is authorized to permit copying or dise agreement and in this Authorization to Mattek. Initial Factory Assessments and Followies of production quality control and do not in ASTM E1509 (2004): UL 1 (March 2010); UL 1482 (O	Ations to Mark for the noted Report Number. entification agreement between Interfex and its Client. Interfex is responsibility and liability, than to the Client in accordance with the agreement, for any loss, expense or damage istribution of this Authorization to Mark and then only in lise entirety. Use of Interfex's is Any further use of the Infertex name for the sale or advertisement of the tested material up Services are for the purpose of assuring appropriate usage of the Certification mark in elleve the Client of their obligations in this respect. 1482 (2000): ULC S627 (2000): UL Subject 2162 (2001): UL 1482
This Authonization to Mark is for the exclusive use of interte are limited to the terms and conditions of the agreement. In occasioned by the use of this Authorization to Mark. Only the Certification mark is restricted to the conditions laid out in the product or service must first be approved in writing by Inter accordance with the agreement, they are not for the purpos Testing Standard{s}:	all previous Authoriza	Ations to Mark for the noted Report Number. artification agreement between Intertek and its Client. Intertek's responsibility and iiability, than to the Client in accordance with the agreement, for any loss, expense or damage istribution of this Authorization to Mark and then only in its entirety. Use of Intertek's rk. Any further use of the Infertek name for the sale or advertisement of the tested material, up Services are for the purpose of assuring appropriate usage of the Certification mark in elleve the Client of their obligations in this respect. 1482 (2000): ULC S627 (2000): UL Subject 2162 (2001): UL 1482 incoder 2010)

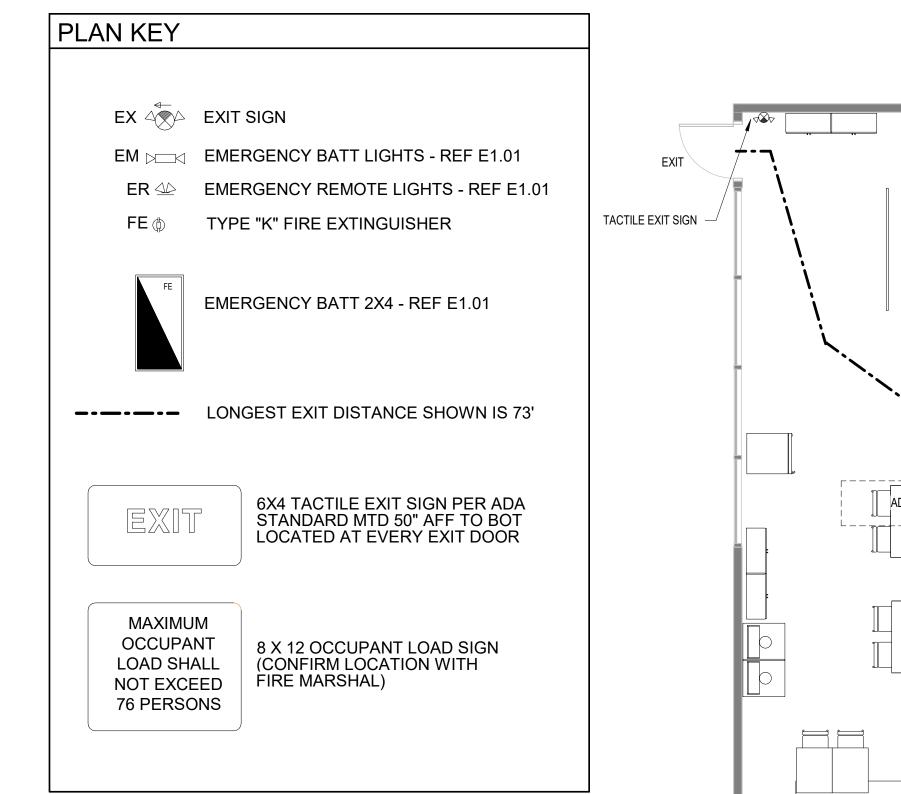
# 11 40 00 Foodservice Equipment

# Description:

CSI Code:

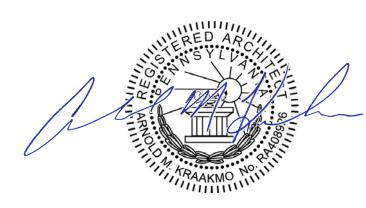
The model Fast Eddy Pellet Fuel Smoker is constructed of carbon steel with a large smo chamber located in the front of the unit that contains a rotisserie rack for smoking meat. firebox is located in the rear of the unit with a fuel hopper located next to the firebox.

BUILDING CODE REQUIREMENTS         CITY OF WAYNESBURG IN GREENE COUNTY, PENNSYLVANIA, CURRENTLY ADOPTED CODES: <ul> <li>Building Code 2015 IBC</li> <li>NFPA 101 Life Safety Code - 2015</li> <li>Mechanical Code 2015 IBC</li> <li>Stechnical Code 2015 IMC</li> <li>Electrical Code 2015 INC</li> <li>Electrical Code 2015 IPC</li> <li>Gas Code 2015 IGC</li> <li>2010 ADA-ABA Accessibility Guidelines</li> </ul> <li>GROSS BUILDING AREA: 3,941 SF TYPE A-2 OCCUPANCY BUILD-OUT NOTE: EXISTING SPRINKLER TO REMAIN AND BE REWORKED FOR NEW LAYOUT</li> <li>INTERIOR RENO ONLY</li> <li>OCCUPANT LOAD - A-2 ASSEMBLY (FIXED SEATING): COMMERCIAL KITCHEN/BOH: 1179 SF @ 200 SF/PERSON = 6 PERSONS DIMING/IADD_ tables and abaim 1 497 SE @15 SE/JEEDSON = 6 PERSONS</li>	FIRE PROTECTION/FIRE ALARM SYSTEM THE GENERAL CONTRACTOR IS TO CONTRACT WITH A LICENSED FP CONTRACTOR WHO WILL DESIGN THE REARRANGEMENT OF THE SYSTEM, SEAL THE DESIGN AND SUBMIT FOR APPROVAL UNDER SEPARATE COVER TO THE REGULATING AUTHORITIES AS WELL AS ARRANGE INSPECTIONS AND TESTS FOR PERMITTING
DINING/BAR - tables and chairs: 1,487 SF @15 SF/PERSON = 99 PERSONS TOTAL OCCUPANCY FOR BUILDING EXITS: = 105 PERSONS 5% OF 130 SEATING TO BE ACCESSIBLE = 6 SEATS PER IPC SECTION 403.1 (d) PER IBC SECTION 2902.1.1, TOTAL PLUMBING OCCUPANCY: 105	
OCC. LOAD OF EA SEX CALCULATED BY DIVIDING TOTAL PLUMBING OCCUPANCY IN HALF OCC. LOAD PER SEX: 53 MALES, 53 FEMALES PER IPC SECTION 403.1.1 TOILET AND LAV FIXTURES REQUIRED: 1 EA PER 75 MALE AND 1 EA PER 75 FEMALE	
RESTROOMS ARE NOT BEING RENOVATED OR RE-CONFIGURED, ETC., ONLY UPDATED FINISHES AND FIXTURES. WATER IS SERVEDDRINKING FOUNTAIN IS NOT REQUIRED TYPE C FINISHES REQUIRED NON-RATED HALLWAY TWO EXITS REQUIRED FOR MORE THAN 49 OCCUPANTS - BOTH ARE PROVIDED FROM DINING WITH ACCESS FROM KITCHEN.	
FIRE EXTINGUISHER REQUIRED MINIMUM EXIT WIDTH @ .2/OCCUPANT: 12" - EXISTING EXIT DOORS TO REMAIN 250' MAX EXIT ACCESS TRAVEL DISTANCE (LONGEST PATH IS 133' ACTUAL) COMMON EXIT PATH DISTANCE SHALL NOT EXCEED 75' (LONGEST PATH IS 61')	
REF COVER FOR SCOPE OF WORK (UNDER SHEET INDEX)	
	CLEAR/OPEN UNDER COUN
	WHEELCHAIR APPROACH/R FINISHES TO MATCH ADJAC OF BAR. WALL FOR THIS SE OFFSET FROM WALL FOR M BAR/COUNTER.
ACTILE EXIT SIGN	
	POS CUSTOMER AREA IS SHOWN IN ELEVATION 1/A8.00 AND PARTIAL HEIGHT WALL IS 36" AFF, PER DETAIL 6/A8.01. (NO SNEEZE GUARD AT THIS PORTION OF WALL)





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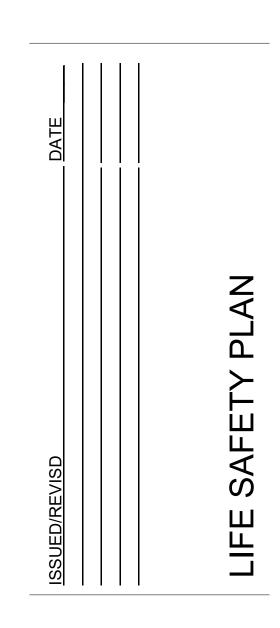


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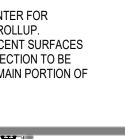
Route 21 & 79 Greene Plaza Space #2 Waynesburg, PA 15370 Greene County



Owner Cindy Yorio (724) 998-3582 cindyyorio.icloud.com



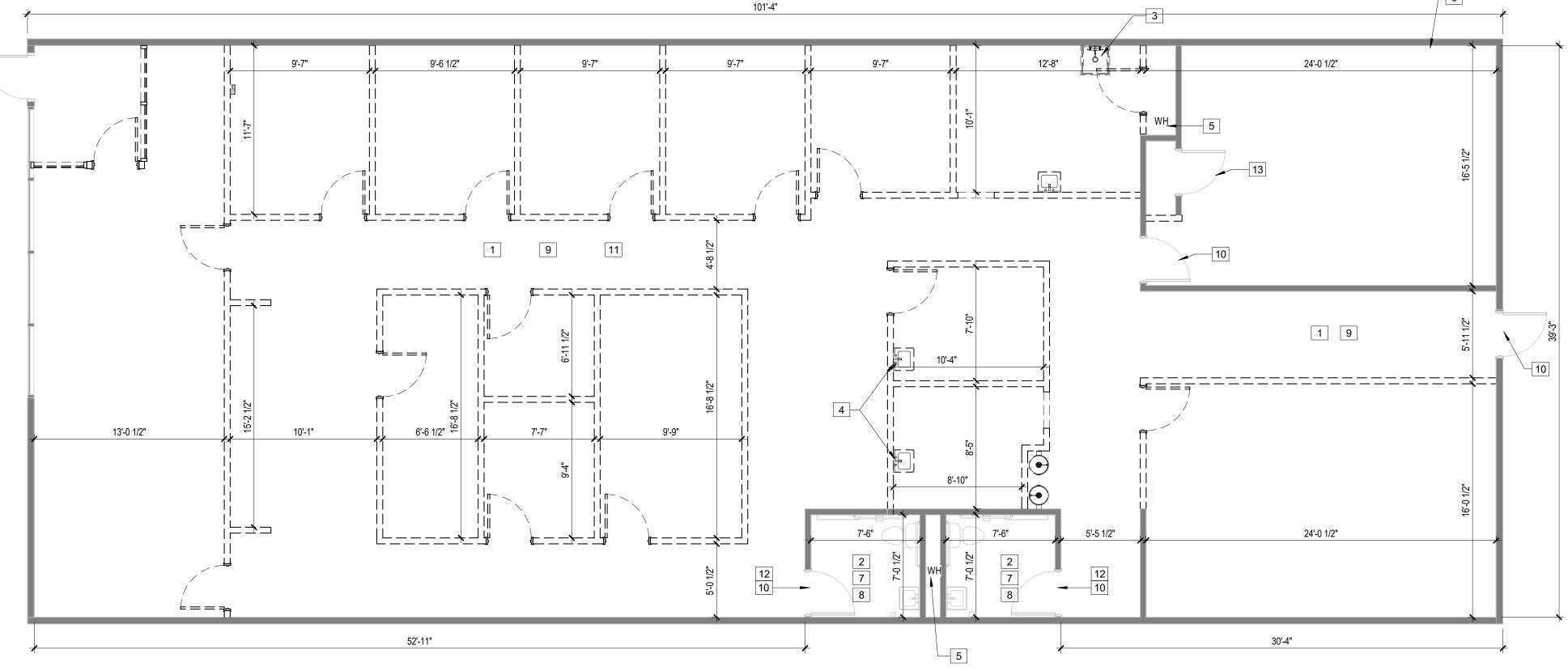






ELECTRICAL DEMOLITION NOTES	HVAC DEMOLITION NOTES	GEN
1. THE ELECTRICAL CONTRACTOR SHALL, AS PART OF HIS WORK THE ELECTRICAL CONTRACTOR SHALL, AS PART OF HIS THE ELECTRICAL CONTRACTOR SHALL, AS PART OF HIS WORK, PERFORM ALL RELATED DEMOLITION, MODIFICATIONS, RELOCATION OF SERVICES AND RELATED WORK, INCLUDING NEW WORK NECESSARY TO COMPLETE THE PROJECT.	1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING ALL WORK NECESSARY TO RENOVATE, ALTER, CHANGE, AND REPAIR EXISTING SYSTEMS BASED UPON THE ACTUAL FIELD CONDITIONS. 2. ALL DEMOLITION WORK SHALL BE PERFORMED WITH ALL DEMOLITION	THE THE THE VISIT CON IMME DISC
2. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS PRIOR TO SUBMITTING BIDS. REFER TO ARCHITECTURAL, PLUMBING, MECHANICAL AND ELECTRICAL WORK SHOWN ON OTHER DRAWINGS AND VISIT THE SITE TO DETERMINE THE EXTENT OF THE DEMOLITION AND NEW WORK REQUIRED.	WORK SHALL BE PERFORMED WITH DUE CARE AND DILIGENCE" SO AS TO PREVENT THE SO AS TO PREVENT THE UNNECESSARY DESTRUCTION AND/OR DAMAGE TO SYSTEMS THAT SHALL REMAIN IN OPERATION AT THE CONCLUSION OF THIS WORK. DETERMINE THE EXACT LOCATION OF ALL EXISTING EQUIPMENT, DEVICES AND WIRING BEFORE COMMENCING WORK.	B. C REM OCC OF W FRAM C. U SPRI
3. THE ELECTRICAL CONTRACTOR SHALL NOT DISCONNECT THE ELECTRICAL CONTRACTOR SHALL NOT DISCONNECT THE ELECTRICAL CONTRACTOR SHALL NOT DISCONNECT EQUIPMENT AND ELECTRICAL CIRCUITS IN THE RENOVATION AREA OR ANY PART OF THE BUILDING WITHOUT PRIOR NOTIFICATION AND PERMISSION FROM THE OWNER. EXTREMEM CARE SHALL BE TAKEN TO MINIMIZE DISTURBANCE TO THE SURROUNDING AREA.	<ul> <li>3. LOCATE AND PRESERVE ALL PORTIONS OF THE LOCATE AND PRESERVE ALL PORTIONS OF THE EXISTING HVAC SYSTEMS WHICH SHALL REMAIN.</li> <li>4. CONTROLS, DEVICES AND WIRING ARE NOT SHOWN CONTROLS, DEVICES AND WIRING ARE NOT SHOWN ON THE DEMOLITION PLAN AND</li> </ul>	D. C REM INTE ADJA WITH REC REC
<ul> <li>4. ITEMS REMOVED AND NOT SCHEDULED TO BE RELOCATED SHALL BE OFFERED TO THE OWNER FOR HIS/HER USE AND IF NOT ACCEPTED BY THE OWNER, THE ELECTRICAL CONTRACTOR SHALL DISPOSE OF THE MATERIAL FROM THE SITE IN ACCORDANCE WITH E.P.A. REGULATIONS. THE ELECTRICAL CONTRACTOR SHALL DELIVER ITEMS ACCEPTED BY THE OWNER TO THE DESIGNATED LOCATION AS DIRECTED BY THE OWNER. ITEMS TO BE RETURNED TO THE OWNER ARE: TELEVISIONS, EXIT SIGNS, AND FIRE ALARM DEVICES.</li> <li>5. IN ALL CASES WHERE WORK IS REMOVED, THE IN ALL CASES WHERE WORK IS REMOVED, THE IN ALL CASES WHERE WORK IS REMOVED, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS,</li> </ul>	<ul> <li>SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.</li> <li>5. THE CONTRACTOR SHALL DETERMINE THE EXACT THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING HVAC DEVICES, EQUIPMENT, AND WIRING BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES THAT MIGHT OCCUR BECAUSE OF THE CONTRACTOR'S FAILURE TO ACCURATELY DISCOVER, LOCATE, AND PROTECT ANY AND ALL PORTIONS OF THE EXISTING HVAC SYSTEM.</li> </ul>	E. D MATI LOC/ F. TI NOT HAZ/ CON AFFE MATI NOTI PRO
<ul> <li>CONTRACTOR SHALL PROVIDE ALL NECESSART MATERIALS, EQUIPMENT AND LABOR TO SUSTAIN OPERATION OF ALL PARTS OF SYSTEMS CONNECTING TO, OR FROM, THE PART REMOVED, COMPLETING ALL WORK IN STRICT ACCORDANCE WITH APPLICABLE CODES.</li> <li>6. ALL WIRING, CABLES AND FEEDERS INCLUDING BOTH ALL WIRING, CABLES AND FEEDERS INCLUDING BOTH THOSE CONNECTED TO DEVICES AND EQUIPMENT TO BE DEMOLISHED AND THOSE EXISTING THAT WERE ABANDONED IN PLACE, SHALL BE REMOVED BACK TO THEIR SOURCES. UNLESS NOTED OTHERWISE, CONDUITS AND/OR WIRING SHALL, WHERE NECESSARY, BE RECIRCUITED AROUND THE REMOVED PART, KEEPING OCCUPIED PARTS OF THE BUILDING SYSTEM IN FULL SERVICE. EACH TRADE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND RELOCATION OF SERVICES, EQUIPMENT</li> </ul>	<ul> <li>6. EXISTING DUCTWORK AND CONTROLS WIRING MAY EXISTING DUCTWORK AND CONTROLS WIRING MAY BE REUSED WHERE THEY ARE OF THE TYPE SPECIFIED, MEET THE REQUIREMENTS FOR THE NEW WORK AS DEFINED BY THE CONTRACT DOCUMENTS, AND REMAIN IN GOOD CONDITION.</li> <li>7. REMOVE AND RE-INSTALL (OR PROVIDE REMOVE AND RE-INSTALL (OR PROVIDE PROTECTION IN PLACE) ALL EXISTING EQUIPMENT AND DEVICES TO REMAIN ON OR IN WALLS, CEILINGS AND FLOORS WHICH SHALL BE EXPOSED TO DEMOLITION AND CONSTRUCTION ACTIVITIES, AND WHICH MAY BE DAMAGED BY</li> </ul>	G. M AND OPEI H. SC OWN WEE DOW
<ul> <li>AND MATERIALS RELATING TO HVAC, PLUMBING/FIRE PROTECTION AND ELECTRICAL TRADES, RESPECTIVELY.</li> <li>7. ALL EXISTING CONDUIT THAT HAS BEEN ABANDONED ALL EXISTING CONDUIT THAT HAS BEEN ABANDONED OR IS UNUSED SHALL BE REMOVED.</li> <li>8. PROVIDE BLANK METAL COVER PLATES FOR ALL PROVIDE BLANK METAL COVER PLATES FOR ALL PROVIDE BLANK METAL COVER PLATES FOR ALL PROVIDE BOXES NO LONGER IN USE THAT ARE EMBEDDED IN FLOOR SLAB OR MASONRY WALLS. PROVIDE PLUGS FOR ALL PANELS WHERE CONDUIT HAS BEEN REMOVED. COVER PLATES SHALL</li> </ul>	<ul> <li>8. WHERE EXISTING EQUIPMENT AND DEVICES SHALL WHERE EXISTING EQUIPMENT AND DEVICES SHALL BE REMOVED, THE CONTRACTOR SHALL REMOVE ALL THE ASSOCIATED DUCTWORK, PIPING, AND CONTROLS THAT WILL NOT REMAIN IN OPERATION, BACK TO THEIR RESPECTIVE SOURCES OR TO THE POINT ON A SHARED SYSTEM FROM WHERE THE EQUIPMENT OR DEVICE IS SERVED.</li> </ul>	
<ul> <li>BE PAINTED TO MATCH EXISTING CONDITIONS.</li> <li>9. COORDINATE WITH THE ARCHITECTURAL DRAWINGS AND COORDINATE WITH THE ARCHITECTURAL DRAWINGS AND THE G.C. FOR EXISTING PARTITIONS TO BE REMOVED. DISCONNECT EXISTING BRANCH CIRCUITS SERVING DEVICES IN PARTITIONS TO BE REMOVED. MAINTAIN CONTINUITY OF CIRCUITS SERVING EXISTING DEVICES IN OTHER AREAS THAT ARE TO REMAIN.</li> <li>10. LIGHTING FIXTURES: REMOVE LIGHTING FIXTURE AND</li> </ul>	9. RELOCATE AS NECESSARY ALL EXISTING RELOCATE AS NECESSARY ALL EXISTING DUCTWORK, PIPING, AND CONTROLS FOUND PASSING THROUGH THE AREA OF CONSTRUCTION, AND WHICH ARE PRESENTLY IN USE IN OTHER PORTIONS OF THE BUILDING UNAFFECTED BY THIS PROJECT PHASE, TO MAINTAIN THE CONTINUITY OF SERVICE AND GROUNDING, AND CONCEAL THEM ABOVE NEW CEILINTS.	
LIGHTING FIXTURES: REMOVE LIGHTING FIXTURE AND LIGHTING FIXTURES: REMOVE LIGHTING FIXTURE AND REMOVE LIGHTING FIXTURE AND SWITCH CONTROL. WHEN THE FIXTURE TO BE REMOVED IS SERVED BY A CIRCUIT THAT SUPPLIES FIXTURES IN OTHER AREAS THAT ARE TO REMAIN, THE E.C. SHALL MAINTAIN THE CONTINUITY OF THE CIRCUIT TO THE REMAINING FIXTURES. 11. POWER RECEPTACLES: REMOVE RECEPTACLE. WHEN	10. ALL EXISTING DAMAGED DUCTWORK, GRILLES, AND ALL EXISTING DAMAGED DUCTWORK, GRILLES, AND DEVICES WITHIN THE AREA OF CONSTRUCTION AND SHOWN TO REMAIN IN OPERATION SHALL BE REPLACED WITH NEW MATERIALS CONFORMING TO THESE CONTRACT DOCUMENTS.	
<ul> <li>11. <u>POWER RECEPTACLES</u>. REMOVE RECEPTACLE. WHEN REMOVE RECEPTACLE. WHEN THE RECEPTACLE TO BE REMOVED IS SERVED BY A CIRCUIT THAT SUPPLIES RECEPTACLES IN OTHER AREAS THAT ARE TO REMAIN, THE E.C. SHALL MAINTAIN THE CONTINUITY OF THE CIRCUIT TO THE REMAINING RECEPTACLES.</li> <li>12. THE E.C. SHALL PROVIDE TEMPORARY LIGHTING AND THE</li> </ul>	11. ALL EQUIPMENT, DEVICES AND MATERIALS REMOVED ALL EQUIPMENT, DEVICES AND MATERIALS REMOVED DURING DEMOLITION WORK AND NOT INDICATED TO BE REUSED OR TURNED OVER TO THE OWNER, SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR FOR	
<ul> <li>E.C. SHALL PROVIDE TEMPORARY LIGHTING AND POWER AS REQUIRED.</li> <li>13. THE E.C. SHALL PROVIDE UPDATED, TYPEWRITTEN THE E.C. SHALL PROVIDE UPDATED, TYPEWRITTEN PANEL DIRECTORIES FOR ALL PANELS AFFECTED BY THE DEMOLITION AND/OR NEW WORK. CIRCUIT BREAKERS NOT USED FOR NEW WORK SHALL BE LABELED AS SPARE.</li> <li>14. TXFOR EXISTING DEVICES/CIRCUITRY THAT ARE INDICATED TO BE REMOVED BACK TO THE POINT OF ORIGIN: THESE ITEMS</li> </ul>	DISPOSAL. 12. THE CONTRACTOR SHALL PROVIDE ALL CUTTING THE CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING NECESSARY TO REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES PERFORMED BY THE CONTRACTOR. THIS WORK INCLUDES AREAS OUTSIDE ANY LIMITS OF CONSTRUCTION LINES SHOWN ON THE DRAWINGS.	
ARE TO BE REMOVED BACK TO THE POINT OF ORIGIN UNESS EXISTING DEVICES LOCATED OUTSIDE THE AREA OF WORK ARE TO REMAIN ON THE SAME CIRCUIT. IN THAT CASE, REMOVE THE EXISTING DEVICES/CIRCUITRY IN AREA OF WORK BACK TO THE EXISTING DEVICES TO REMAIN. ALL DEVICES/CIRCUITRY IN SURROUNDING AREAS THAT ARE TO REMAIN ARE TO BE KEPT ENERGIZED. FOR REMOVAL OF CONDUIT AND WIRING OUTSIDE THE AREA OF WORK, COORDINATE AND SCHEDULE WITH THE OWNER PRIOR TO PERFORMING WORK.		

NERAL DEMOLITION NOTES		PLUMBING DE
E INTENT OF THE DEMOLITION PLANS IS TO SHOW E GENERAL NATURE OF THE DEMOLITION SCOPE. E GENERAL CONTRACTOR IS RESPONSIBLE FOR SITING THE JOB SITE AND VERIFYING THE EXISTING INDITIONS. THE GENERAL CONTRACTOR SHOULD MEDIATELY NOTIFY THE ARCHITECT OF ANY SCREPANCIES. CAUSE NO DAMAGE TO EXISTING CONSTRUCTION TO MAIN. TAKE CARE NOT TO ENCROACH ON ADJACENT CUPIED AREAS OR AREAS NOT WITHIN THE SCOPE WORK. PROTECT ALL EXISTING FINISHES, DOORS, AMES, ETC. WHICH ARE TO REMAIN. USE ALL MEANS NECESSARY TO PREVENT THE READ OF DUST TO ADJACENT AREAS. CONDUCT DEMOLITION OPERATIONS & THE MOVAL OF DEBRIS TO ENSURE MINIMUM FERFERENCE WITH STREETS, WALKS, AND OTHER JJACENT OCCUPIED OR USED FACILITIES. COMPLY TH LOCAL JURISDICTION REQUIREMENTS FOR CYCLING AND TREATMENT OF ITEMS TO BE SCYCLED. DISPOSE OF ALL DEMOLISHED OR REMOVED ITERIALS LEGALLY, OFF THE SITE. COMPLY WITH ALL CAL HAULING AND DISPOSAL REQUIREMENTS. THE ARCHITECT HAS NO KNOWLEDGE OF AND SHALL DT BE HELD LIABLE FOR ANY ASBESTOS OR OTHER ZARDOUS MATERIALS ON THE JOB SITE. THE INTRACTOR SHALL IMMEDIATELY ISOLATE THE PETED AREA IF ASBESTOS OR OTHER HAZARDOUS ITERIALS ARE DISCOVERED DURING CONSTRUCTION. ITERIALS ARE DISCOVERED DURING DEFORE EOCEEDING WITH OTHER WORK. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE ID PROTECT AGAINST DAMAGE DURING DEMOLITION 'ERATIONS. SCHEDULE ALL SERVICE SHUT-DOWN(S) WITH THE VNER. NOTIFY OWNER A MINIMUM PERIOD OF ONE (1) EEK PRIOR AND AGAIN ONE (1) HOUR PRIOR TO SHUT WWN(S).	<ul> <li>I. REMOVE ALL ABANDONED ANCHOR BOLTS AND EMBEDDED ITEMS IN CONCRETE FLOORS THAT PROTRUDE ABOVE THE CONCRETE FLOOR SURFACE.</li> <li>J. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR SPECIFIC DEMOLITION NOTES REGARDING THESE DISCIPLINES. ALL HVAC, ELECTRICAL AND PLUMBING ITEMS REMOVED SHALL BE CAPPED AND IDENTIFIED.</li> <li>K. UPON COMPLETION, CLEAN THE ENTIRE AREA OF DEMOLITION TO A TIDY, UNIFORM CONDITION, REMOVING ALL DEBRIS, DUST PARTITIONS AND ASSOCIATED MATERIALS USED DURING THE DEMOLITION. INCLUDING BUT NOT LIMITED TO, ADJACENT OCCUPIED AREAS IMPACTED BY THE DEMOLITION. INCLUDING BUT NOT LIMITED TO, ADJACENT OCCUPIED AREAS AND AREAS NOT WITHIN THE SCOPE OF WORK.</li> <li>L. PROVIDE NEW SUPPORT RACK OR HANGERS FOR ABOVE CEILING ITEMS WHICH WERE ORIGINALLY SUPPORTED BY REMOVED WALLS.</li> <li>M. ABANDONING ITEMS OR UNUSED UTILITIES IN PLACE IS STRICTLY PROHIBITED, UNLESS SPECIFICALLY PERMITTED BY THE OWNER.</li> <li>N. PATCH/PAINT/FINISHES: TAPE, PATCH, SAND SMOOTH, AND PAINT ALL EXISTING INTERIOR WALLS WHERE DAMAGED TO UPGRADE TO CLIENT-ACCEPTED CONDITION. ALL ADJACENT EXISTING FINISHES DAMAGED OR AFFECTED BY DEMOLITION OR CONSTRUCTION OF NEW AREAS IN SCOPE OF WORK SHALL BE PATCHED AND REPAIRED.</li> <li>O. AT ALL TIMES, COMPLY WITH ALL STANDARD, LOCAL, NATIONAL, STATE</li> </ul>	1) REMOVE ALL EX FIXTURES EXCEPT WATER LINES INSI WATER PIPING WH 2) REMOVE ALL EX PLUMBING FIXTUR MAIN SANITARY W WASTE AND VENT 3) REMOVE EXISTI WATER PIPING BA LINES. 4) PC SHALL VISIT DETERMINE FINAL COORDINATE WIT 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13.



1 DEMOLITION PLAN SCALE: 3/16" = 1'-0"

# DEMOLITION NOTES

EXISTING WATER PIPING AND PLUMBING EPT AS NOTED ON PLANS, BACK TO MAIN NSIDE BUILDING. P.C. MAY REUSE EXISTING WHERE PRACTICAL

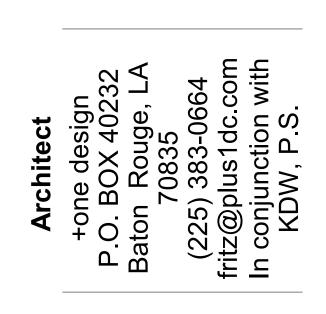
EXISTING WASTE AND VENT PIPING AND JRES EXCEPT AS NOTED ON PLANS, BACK TO Y WASTE LINE. P.C. MAY REUSE EXISTING ENT PIPING WHERE PRACTICAL.

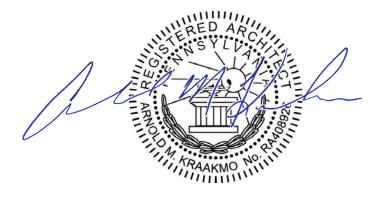
STING WATER HEATER AND ALL ASSOCIATED BACK TO CONNECTION WITH MAIN PLUMBING

SIT JOB SITE PRIOR TO CONSTRUCTION TO AL SCOPE OF PLUMBING DEMOLITION WORK.

# **KEY NOTES**

- DEMO EXISTING VCT FLOORING IN FOH & BOH TO ACCOMODATE NEW PLUMBING.
- VCT FLOORING IN RESROOMS TO REMAIN. KNEE PROTECTION AT WALL-MOUNTED SINK TO BE PROVIDED. EXISTING MOP SINK TO BE REMOVED, CAPPED AND MOVED TO NEW
- LOCATION, REF. MEP. PLUMBING STUB UP, WASTE AND SUPPLY HERE. REF. MEP FOR DEMO REQUIREMENTS/LOCATION OF SUPPLY. WATER PIPING AND SEWER PIPING TO BE RESIZED TO ACCOMODATE NEW USE OF SPACE, REF. MEP FOR
- LOCATIONS.
- WATER HEATER IN ATTIC TO REMAIN, REF. MEP. 2 INCH WATER LINE PENETRATES IN EXISTING STORAGE ROOM TO REMAIN,
- REF. MEP. REF MEP FOR PLUMBING FIXTURE REPLACEMENT IN RESTROOMS, TYP. REMOVE EXISTING WALL ITEMS IN RESTROOM, TYP. PREP FOR NEW WALL TILE PER FINISH PLAN.
- REFER RCP FOR NOTES ON DEMOLITION OF RCP IN AREAS.
- V.I.F. EXISTING HM DOOR AND FRAME MEET ADA REQUIREMENTS. IF NOT, DEMO DOOR AND WIDEN AS REQUIRED. IF EXISTING DOOR MEETS ADA & EGRESS REQUIREMENTS, LEAVE AS IS & PREP AND PAINT EXISTING DOOR AND FRAME.
- EXISTING COLUMNS TO REMAIN, TYP. V.I.F. RESTROOM DOORS. RESTROOM LAYOUT AND PLUMBING FIXTURE ARRANGEMENT TO BE MAINTAINED. EXISTING HM DOOR AND FRAME TO BE PREPPED AND PAINTED .



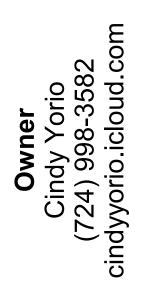


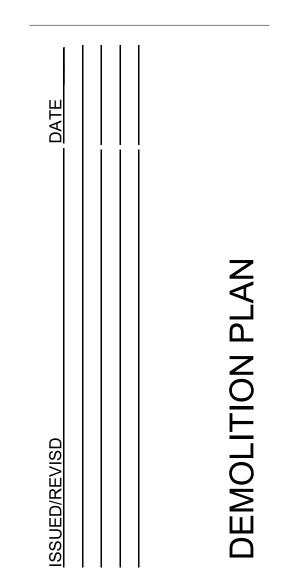
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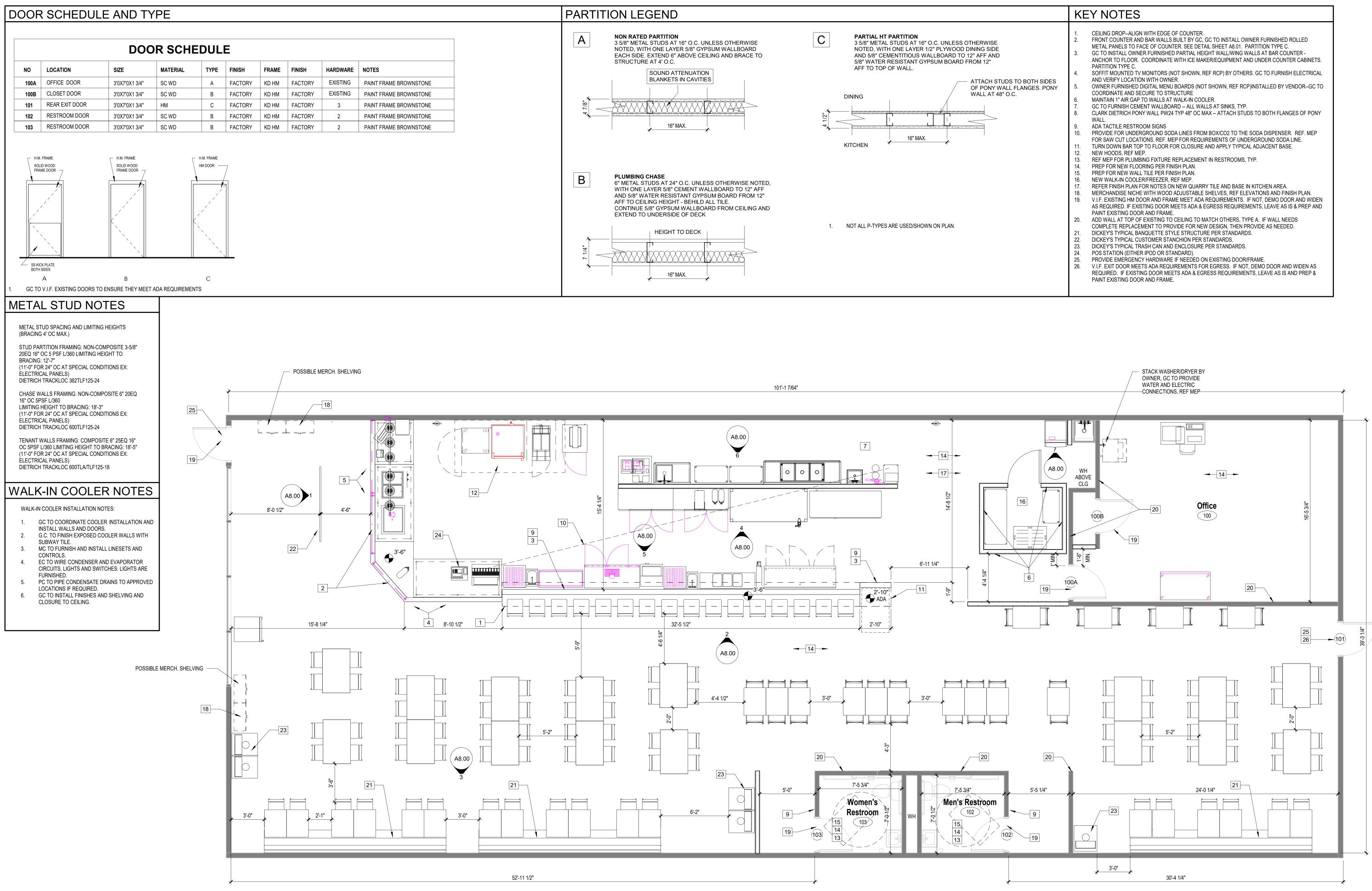


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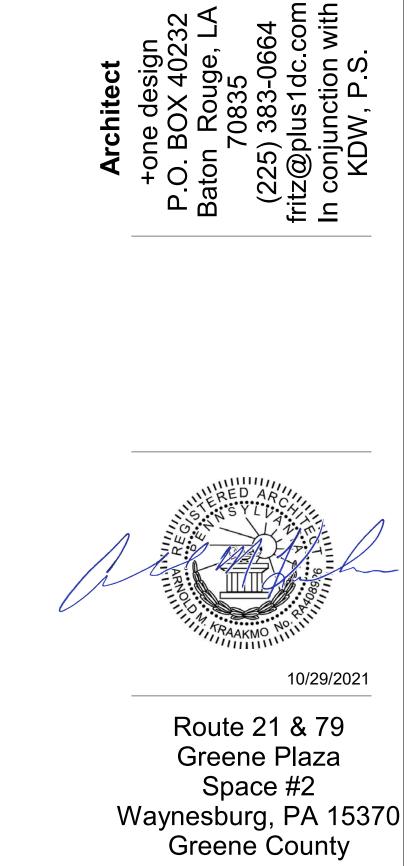




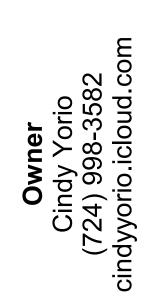


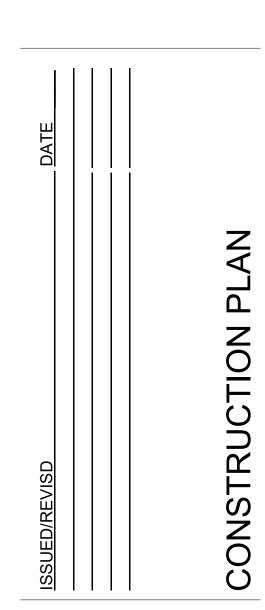


1 CONSTRUCTION PLAN SCALE: 1/4" = 1'-0"









A2.01

	-			-					
TAG	MATERIAL DESCRIPTION	LOCATION	MANUFACTURER	COLOR	FINISH	COMMENTS			
	FLOORING								
F-1	7" X 48" TILE PLANK RESILIENT FLOORING	DINING ROOM, RESTROOMS, HALLS	MOHAWK GROUP	SECOND HOME 20 MIL COLOR: TAXI QUEUE BROWN 875 FINISH: M-FORCE ULTRA	RESILIENT TILE, SLIP RESISTANT	CONTACT: VANESSA CRIDER O: 706-624-2527 VANESSA_CRIDER@MOHAWKIND.COM NO UNDERLAYMENT FLOATING INSTALLATION AT DINING & HALLWAYS GLUEDOWN @ RESTROOMS WITH SILICONE SEALANT ARE ROOM PERIMETER AND TOILETS.			
F-2	6" QUARRY TILE	KITCHEN	DALTILE PAVERS	RED OQ84	SMOOTH FINISH	KITCHEN CONTACT: VANESSA CRIDER O: 706-624-2527 VANESSA_CRIDER@MOHAWKIND.COM			
F-3	6" QUARRY TILE	KITCHEN	DALTILE PAVERS	RED OQ81	SURETREAD	COOLER CONTACT: VANESSA CRIDER O: 706-624-2527 VANESSA_CRIDER@MOHAWKIND.COM			
	•			BASE					
B-1	6" QUARRY TILE (COVE)	KITCHEN	DALTILE PAVERS	RED OQ84	SMOOTH FINISH				
B-2	2"X6" WOOD BASE		STANFORD SONOMA	WOOD BASE	2" x 6" RECLAIMED WOOD BASE PAINTED BLACK				
B-3	4 1/4" x 12 3/4"	RESTROOMS	DALTILE	Arctic White 0190	0190A34C1MOD1P2 Cove Base				
B-4	6" RUBBER COVE BASE	HALL AND STORAGE	ROPPE PINNACLE	BLACK	BLACK				
WAINSCOT AND WALLS									
GRAPHICS	GRAPHIC WALLPAPER	DINING ROOM, HALLWAYS,	FURNISHED BY	FURNISHED BY OWNER	FURNISHED BY OWNER	FIELD VERIFY MEASUREMENTS BEFORE			
	neda Aldavi (Helin Golden) – Przedowanie zakonowa dokol Berdowa		OWNER		non-Autopoleri ekoleri menorati kola talah kumun ku	ORDERING AND SEE SPECIFICATIONS, BY OTHERS			
P-1	Gypsum Board/Plaster, Latex- Acrylic Semi-Gloss Finish, 3 Coat	DINING ROOM, HALLWAYS, RESTROOMS	Sherwin - Williams	SW6285Tricorn Black	One coat of B28W2600, ProMar 200 Zero VOC Interior Latex Primer Two coats of K46 Series, Pro Industrial Pre- Catalyzed Waterbased Epoxy Semi-gloss	Match in with Wallpaper			
P-3	ULTRA PURE WHITE #2450		BEHR PREMIUM PLUS	ULTRA PURE WHITE #2450	EGGSHELL FINISH	ALL DINING ROOM AND HALLWAY WALLS, FOR FUTURE CONCEPT			
WP-1	RECLAIMED WOOD SLATS	23	STANFORD SONOMA	RECLAIMED WOOD SLATS	PRE-ASSEMBLED SECTIONS OF 1X6 RECLAIMED WOOD PANELS	ALL DINING ROOM WALLS, LOW WALLS AND HALLWAY WALLS			
	4'X10' FIBERBOARD REINFORCED PANEL	KITCHEN SIDE OF PARTIAL HT SERVICE COUNTER WALL	MARLITE	4'X10' FIBERBOARD REINFORCED PANEL	P-100 WHITE PEBBLE FINISH, CLASS "C"	KITCHEN SIDE OF PARTIAL HT SERVICE COUNTER WALL			
2022/2022 07/202	4'X10' FIBERBOARD REINFORCED PANEL	BACK BAR ABOVE COUNTER	MARLITE	4'X10' FIBERBOARD REINFORCED PANEL	SMOOTH, SMOKE GREY, CLASS "C",	BACK BAR WALL ABOVE COUNTER, SIMILAR TO PANOLAM			
SS-1	STAINLESS STEEL		SS	STAINLESS STEEL					
CT-1	4.25" X 12 3/4" SUBWAY TILE	KITCHEN, DINING- AT BEVERAGE COUNTER	DALTILE	WHITE HOT HICKORY FL90 BRIGHT WHITE POLISHED	GROUT: MAPEI – 47 CHARCOAL GROUT LINES = 1/4" AT ALL LOCATIONS	KITCHEN CONTACT: VANESSA CRIDER O: 706-624-2527 VANESSA_CRIDER@MOHAWKIND.COM			
BV-1	THIN BRICK VENEER		STANFORD SONOMA	GENERAL SHALE PEPPERMILL		USE THIN BRICK VENEER SYSTEM FOR INSTALLATION			
	1		2	I STOREFRONT TINT	l				
T-1	GRAPHIC FILM 3630-22	STOREFRONT WINDOWS	3M	SCOTCHA TRANSLUCENT GRAPHIC FILM 3630-22	BLACK OPAQUE 2 MIL. PRESSURE SENSITIVE				
	1			CEILING	L				
C-1	2'X4' LAY-IN CEILING	DINING ROOM, HALLWAYS, RESTROOMS	USG OR APPROVED EQUAL	FLAT BLACK (205) 2X4 FISSURED ACOUSTIC CEILING TILES	15/16" GRID: DONN DX/DXL FLAT BLACK				
C-2	2'X4' VINYL FACED LAY-IN CEILING	KITCHEN	USG OR APPROVED EQUAL	3270 CLEAN ROOM CLIMAPLUS, WHITE (50)	15/16" GRID: DONN HEAVY DUTY DX/DXL FLAT WHITE				

STANFORD SONOMA FINISH SCHEDULE

**GENERAL NOTES** 

KITCHEN TO BE AS SCHEDULED AND QUARRY TILE BASE THROUGH OUT, AND STAINLESS STEEL AT HOOD.

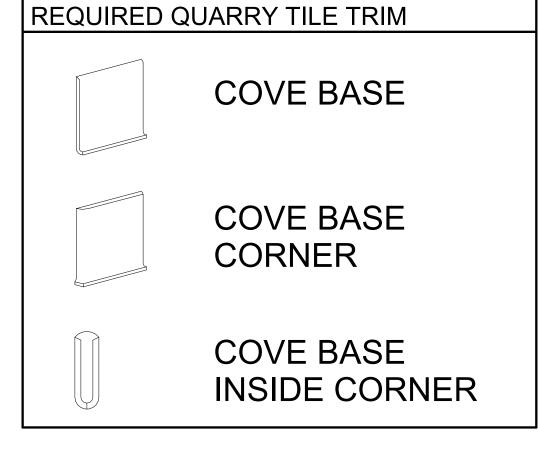
SEE INTERIOR ELEVATIONS --SHEETS A8.00 -- FOR WALL FINISHES FOR LOBBY, RESTROOMS, SERVICE.

SEE SHEET A8.01 FOR DETAILS.

CEILING TILE, LVT, QUARRY/SUBWAY TILES, WAINSCOT AND BASE MILLWORK WILL BE SUPPLIED BY STANFORD SONOMA AND PAID FOR AND INSTALLED BY GC.

BATHROOMS TO HAVE FRP INSTALLED PER 2020 CONSTRUCTION BRAND STANDARDS ON WET WALLS, PER ELEVATIONS.

WOOD TRIM REQUIRED AT RESTROOMS.

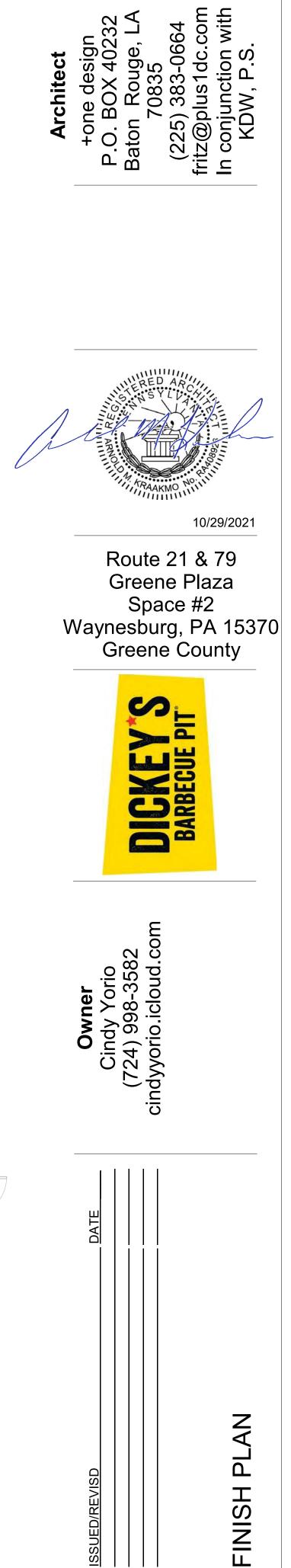




# 1 FINISH PLAN SCALE: 3/16" = 1'-0"

# **KEY NOTES**

- NEW QUARRY TILE FLOOR, TYP. IN ALL KITCHEN, BAR & B.O.H. AREAS.
   EXISTING HM DOOR AND FRAME TO BE PREPPED AND PAINTED.
- DICKEY'S TYPICAL BANQUETTE STYLE STRUCTURE PER STANDARDS
   MAINTAIN 4" AIR CAD TO WALLS AT WALK IN COOLER
- MAINTAIN 1" AIR GAP TO WALLS AT WALK-IN COOLER.
   TURN DOWN BAR TOP TO FLOOR FOR CLOSURE AND APPLY TYPICAL ADJACENT BASE.
   2.6 SCHLUTER ECK-E 1-1/2' SS CORNER GUARD.
- 7. PAINT EXISTING COLUMNS BLACK, ALL EXPOSED SIDES, TYPICAL. PAINT TO BE FOR METAL APPLICATION AND NON POROUS FOR HEALTH DEPT REQUIREMENTS.
- CONCRETE PADS FOR FIXED SEATING AT BANQUETTES.
   FINISHES TO REMAIN IN EXISTING OFFICE.
- 10. FINISH 'CT-1' AT BATHROOM TO GO UP 4'-0" AFF ON WET WALL



A2.03

# HEALTH DEPARTMENT NOTES

1. ALL FOOD SERVICE AND RELATED EQUIPMENT SHALL BE NATIONAL SANITATION FOUNDATION (N.S.F.) APPROVED IN CONFORMITY WITH COUNTY HEALTH REGULATIONS.

- 2. ALL FOOD SERVICE AND RELATED EQUIPMENT SHALL BE INSTALLED IN CONFORMITY WITH N.S.F. STANDARDS.
- 3. ALL UTILITY LINES (ELECTRICAL, PLUMBING, AND MECHANICAL VENTILATION DUCT WORK SYSTEMS) TO BE INSTALLED WITHIN KITCHENS AND FOOD SERVICE AREAS, SHALL BE CONCEALED.
- 4. AN MINIMUM AISLE SPACE OF 30" IS REQUIRED IN STORAGE AND UTILITY AREAS WITH A MINIMUM 36" AT LIMITED OPENINGS AND A MINIMUM 42" AT WORK STATIONS.
- 5. ALL HAND BASINS SHALL BE EQUIPPED WITH MIXING FAUCETS FOR RUNNING HOT AND COLD WATER.
- 6. ALL REFRIGERATION EQUIPMENT AND EQUIPMENT FOR HOT STORAGE SHALL HAVE THERMOMETERS WHICH ARE EASILY READABLE, IN PROPER WORKING CONDITION, AND ACCURATE WITHIN A RANGE OF PLUS OR MINUS TWO DEGREES.
- THE LIGHTS THROUGHOUT THE PREP AREA SHALL CONSIST OF RECESSED OR FLUSH SURFACE MOUNTED, PLASTIC COVERED CEILING FIXTURES LOCATED AS INDICATED ON THE PLANS.

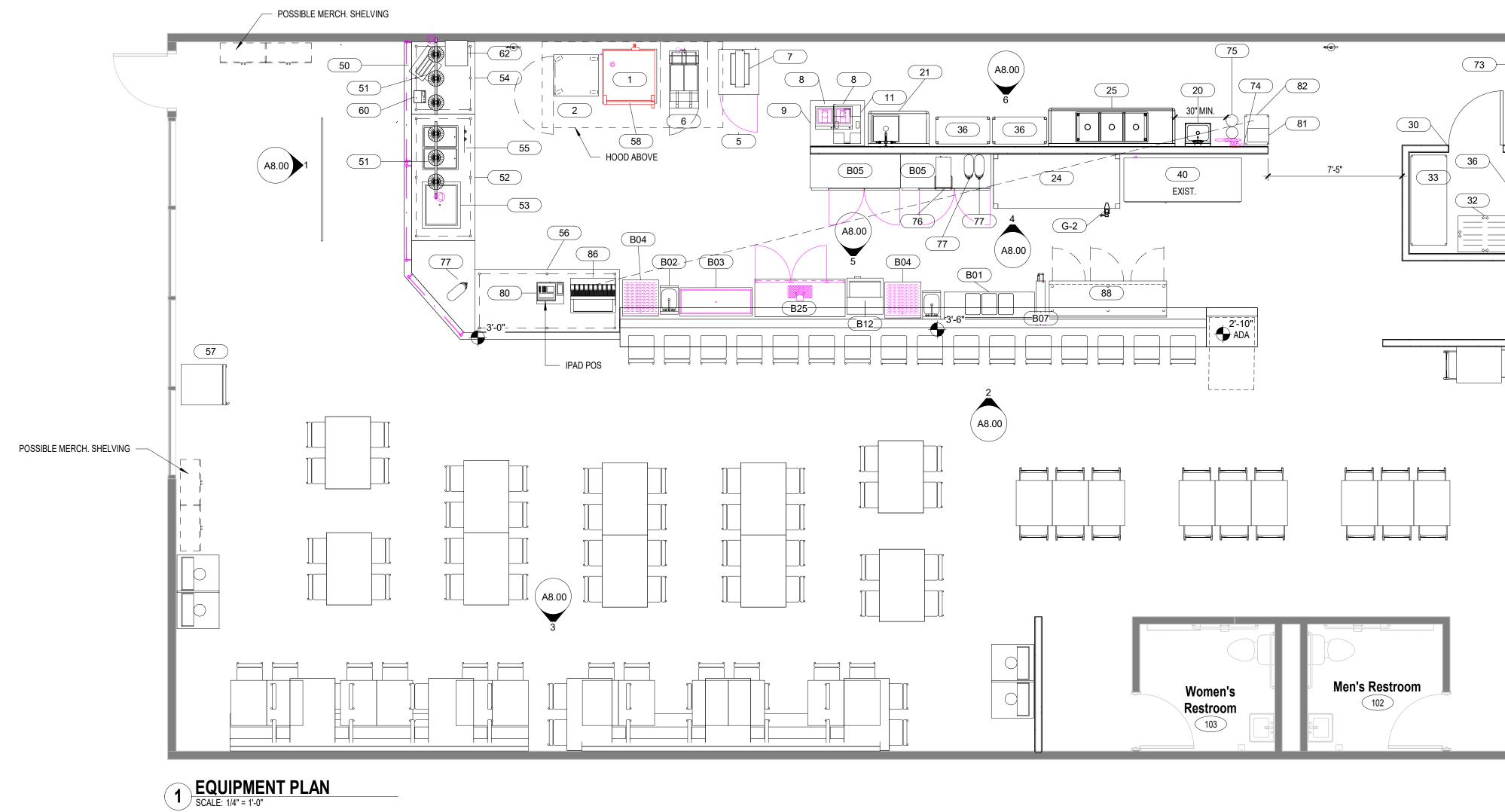
8. ALL ARTIFICIAL LIGHTING FIXTURES SHALL BE PROVIDED WITH PROTECTIVE SHIELDING AT ALL REFRIGERATION UNITS, UTENSIL AND EQUIPMENT WASHING AREAS.

9. ALL CUTTING BOARDS AND WORK SURFACES SHALL BE OF NON-WOOD CONSTRUCTION AND N.S.F. APPROVED.

- 10. EMPLOYEE STORAGE AREA SHALL BE PROVIDED AS INDICATED ON THE PLANS.
- 11. A JANITORIAL (MOP) SINK WITH THREE INCH (3") DRAIN SHALL BE INSTALLED AND LOCATED AS INDICATED ON THE PLANS.
- 12. THE PREMISES SHALL BE MECHANICALLY VENTED SUMMER & WINTER.

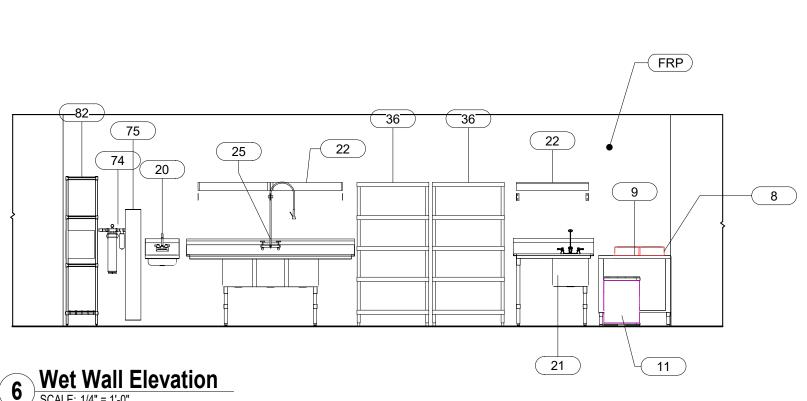
	STANFORD EQUIPMENT LIST					
ITEM	ABBR	ITEM	SIZE OR MODEL NUMBER			
62	BUN	BUN RACK	1- STANDARD	SEE EQUIP. SCHED.		
А	SS T.C.	TRASH CANS	SEE PLAN			
	SEE ELEC	SS LIGHTS	SEE PLAN			
	SEE ELEC	LIGHT BULBS	SEE PLAN			
	SEE ELEC	PAPER TOWEL HOLDERS	SEE PLAN			
В	4 TBL	FOUR TOP TABLE	SEE PLAN			
С	2 TBL	TWO TOP TABLE	SEE PLAN			
D	6 TBL	SIX TOP TABLE	SEE PLAN			
Е	SS W.W	WING WALL	SEE PLAN			
F	WP1	WAINSCOATING	REFURBISH EXISTING - SEE ELEVATIONS			
Н	BK1	THIN BRICK	7.3/SF - SEE ELEVATIONS			
J	SS MERCH	MERCHWALL	STANDARD 30" WIDTH - SEE ELEVATIONS			
70	SS BEV. BAR	BEVERAGE BAR	STANDARD 119" SEE PLAN/ELEVATIONS	SEE EQUIP. SCHED.		
К	SS SERV. LINE	SERVING LINE	STANDARD 240", CHIP RACK - 151" - SEE PLAN			
56	POS	POS TABLE	STANDARD 73" - SEE PLAN	SEE EQUIP. SCHED.		
52	DROP IN	DROP IN TABLE	STANDARD 84" - SEE PLAN	SEE EQUIP. SCHED.		
Ν	B-LB	BENCH- LOW BACK	STANDARD 96", 72", OR 48" - SEE PLAN			
0	B-HB	BENCH- HIGH BACK	STANDARD 96", 72", OR 48" - SEE PLAN			
Р	BAR TOP	BAR TOP	FABRICATED TOP FOR BAR AND COUNTER	GC PROVIDE BRACKETS		
1. Gene	eral Contractor to unload	d and protect furnishing and equipme	nta forklift and pallet jack is required			
2. Gene	2. General Contractor is select all fasteners and secure all furnishing and equipment to withstand a 200# point load in any direction.					

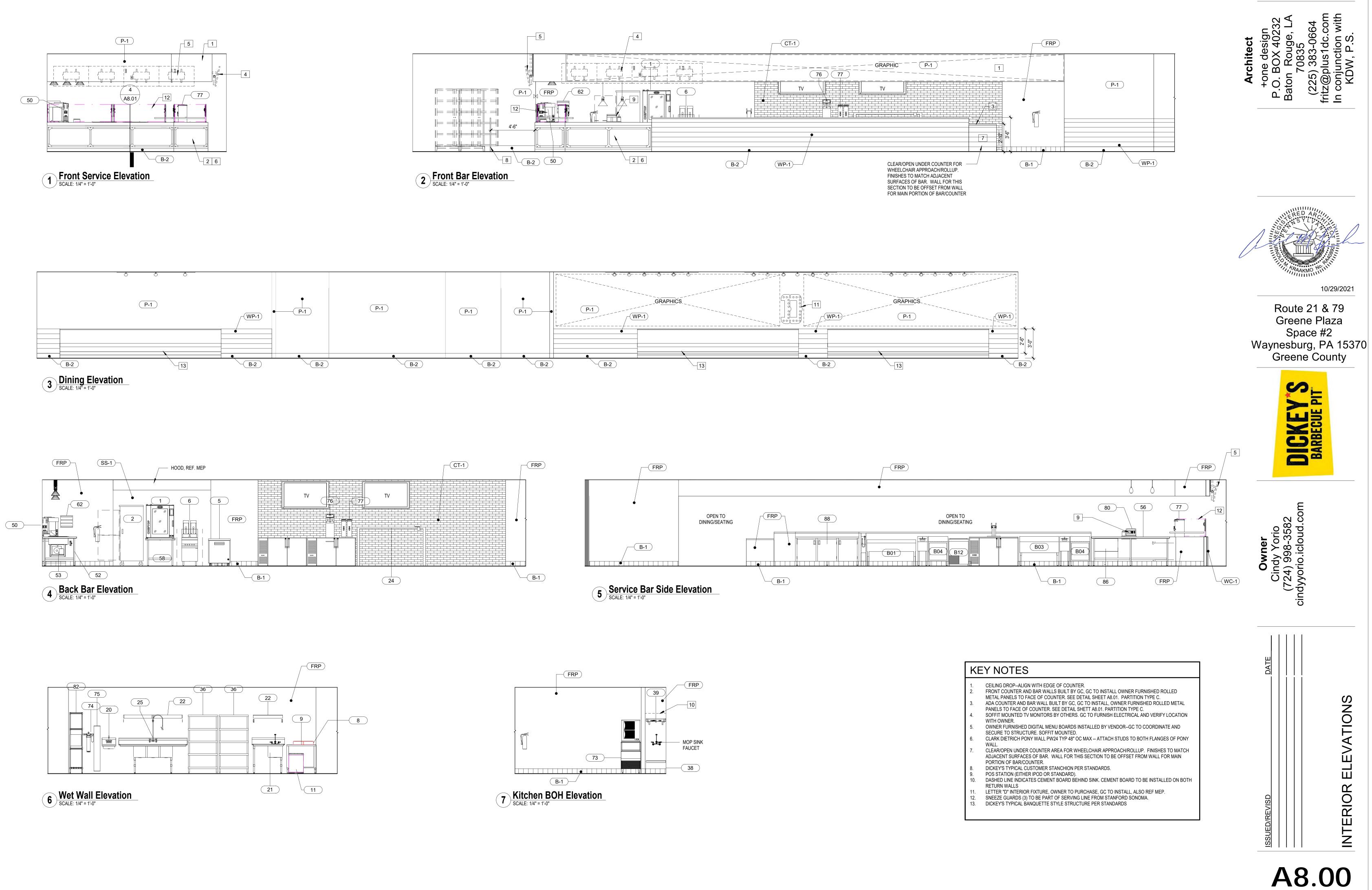
NOTE: TO BE VERIFIED BY DICKEYS, TENANT, AND GC PRIOR TO ORDERING AND INSTALLATION FOR VERIFICATION OF QUANTITY AND TO ENSURE ALL EQUIPMENT IS ORDERED/VERIFIED.

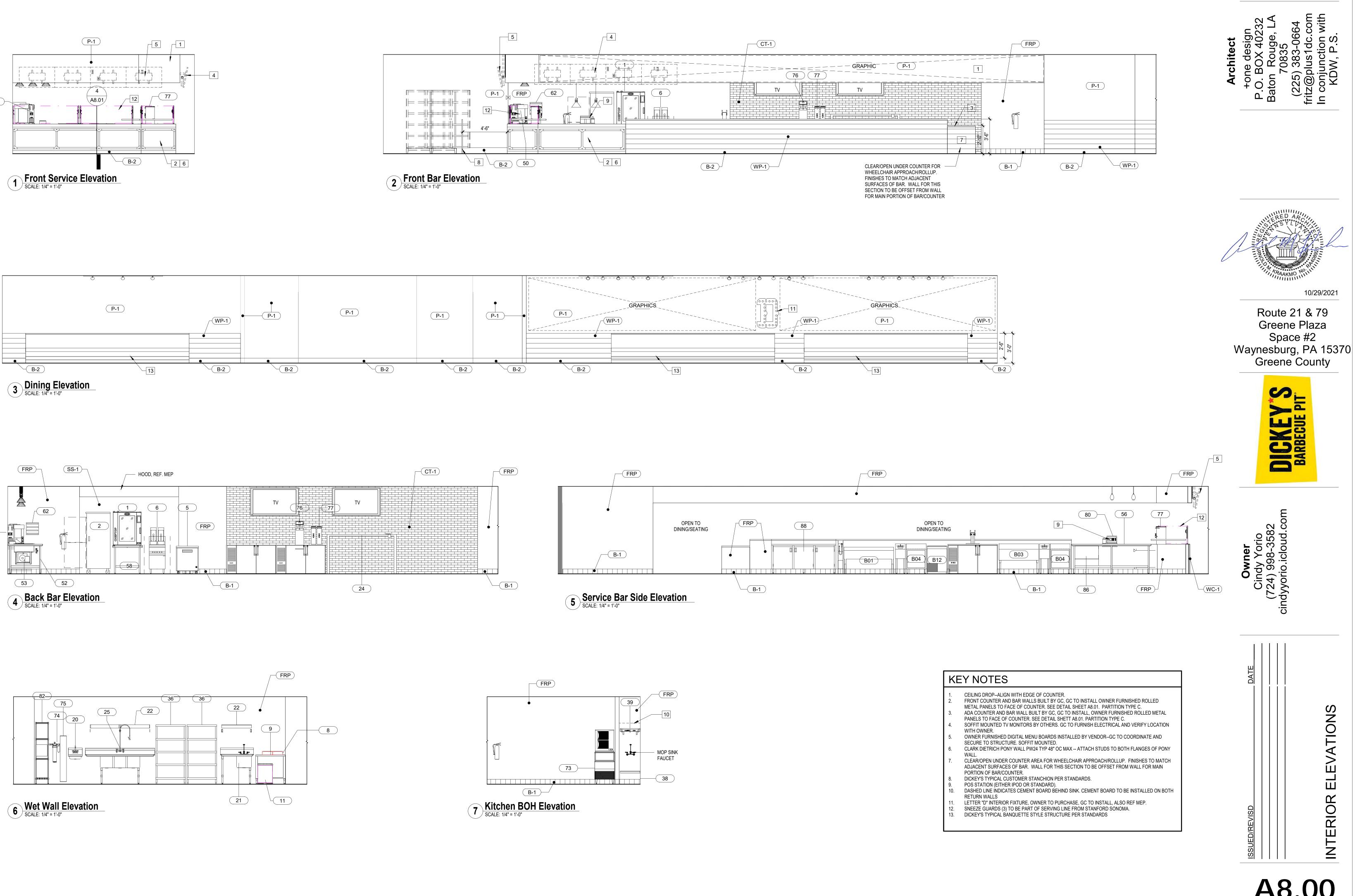


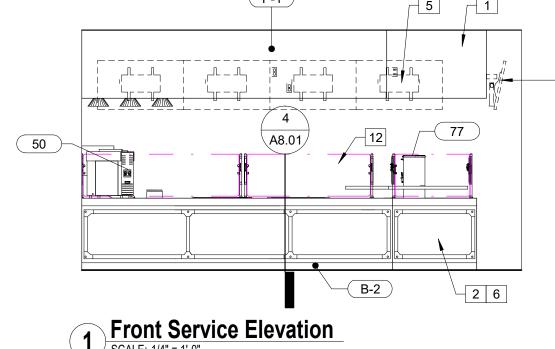
						REGD	ONSIBILITY	
MARK	QTY.	DESCRIPTON	MANUFACTURER	MODEL	PROCURE & ACQUIRE	STORE, DELIVER,	BREAK & SET-IN PLACE	FIN INS <sup>-</sup>
	9	ADJUSTAGUARD	ENGLISH MFG. INC.	AMA-100	OWNER	GC	GC	GC
1	9	Combi-Oven	UNOX	XAVC-10FS-EPR	OWNER	GC	GC	GC
)	1	Mobile Heated Cabinet	FWE	PHTT-12-DB	OWNER	GC	GC	GC
-	1	Undercounter Freezer	Turbo Air	TWF-28SD-N	OWNER	GC	GC	GC
5 5	1	Fryer, Deep Fat	Pitco	35C+S	OWNER	GC	GC	GC
, 7	1	French Fry Warmer	HATCO CORPORATION	GRFF	OWNER	GC	GC	GC
3	2	Countertop Induction Cooktop	Garland	BHBA1800	OWNER	GC	GC	GC
9 9	1	Worktable	Advance Tabco	ST6R1.5-3636GBK-X	OWNER	GC	GC	GC
,  1	1	ULTRA PAN CARRIER 110V	CAMBRO	UPCH400110	OWNER	GC	GC	GC
<u>20</u>	1	HAND SINK, WALL MOUNT	JOHN BOOS	PBHS-W-1410-P-SSLR	OWNER	GC	GC	GC
20 21	1	SINK, 1 COMPARTMENT	JOHN BOOS	1B184-1D18L	OWNER	GC	GC	GC
22	3	SHELVING, WALL MOUNTED	Winco	VC-1836	OWNER	GC	GC	GC
22 24	3					GC	GC	GC
24 25	1	Work table, stainless steel top	JOHN BOOS JOHN BOOS	ST6-3684GSK-X E3S8-1620-14T18	OWNER OWNER	GC GC	GC	GC
25 30	-	SINK, 3 COMPARTMENT					GC	
	1	Walk In Cooler, Modular	Kolpak	PX7-0808-CT	OWNER	GC		GC
31	1	Freezer, Reach-In	Turbo Air	TSF-49SD-N	OWNER	GC	GC	GC
32	1	DUNNAGE RACK	Winco	ADRK-2036	OWNER	GC	GC	GC
3	1	Wire shelving	Eagle Group	FF2460G	OWNER	GC	GC	GC
6	3	Wire shelving	Winco	VC-1836	OWNER	GC	GC	GC
8	1	Mop sink	JOHN BOOS	PBMS2016-12	OWNER	GC	GC	GC
9	1	Mop Accessory Sink	John Boos	PB-MSS824-X	OWNER	GC	GC	GC
0	1	Display Case, Refrigerated	True Mfg General Foodservice	GDM-69-HC-LD	OWNER	GC	GC	GC
60	1	Toaster, Contact Grill, Conveyor type	APW Wyott	M-95-2	OWNER	GC	GC	GC
51	2	Decorative Lamp	Hatco	DL-775-RTL	OWNER	GC	GC	GC
52	1	42" X 84" WORKTABLE	STANFORD SONOMA	Custom	OWNER	GC	GC	GC
3	1	Refrigerated Cold Pans	WELLS BLOOMFIELD	RCP-200	OWNER	GC	GC	GC
4	1	42" X 48" WORKTABLE	STANFORD SONOMA	Custom	OWNER	GC	GC	GC
5	1	Warmer with Auto Water Fill	WELLS BLOOMFIELD	MOD-200TDM	OWNER	GC	GC	GC
6	1	42" X 96" WORKTABLE	STANFORD SONOMA	Custom	OWNER	GC	GC	GC
7	1	Refrigerator Merchandiser	Turbo Air	TGM-23SDB-N	OWNER	GC	GC	GC
8	1	36" X 36 WORKTABLE	STANFORD SONOMA	WT3636-BS	OWNER	GC	GC	GC
0	1	Portion Scale	Globe	GLS30	OWNER	GC	GC	GC
2	1	Wall mounted bun rack	STANFORD SONOMA	CUSTOM	OWNER	GC	GC	GC
3	1	Undercounter, Ice Machine	Scotsman	UC2024MA-1	OWNER	GC	GC	GC
4	1	Water Filter Assembly	Everpure	EV932401	OWNER	GC	GC	GC
'5	1	CO2	Compress Gas tanks w/ gauges		VENDOR	VENDOR	VENDOR/GC	VENDO
76	1	Tea Brewer	BUNN	ITCB-DV-DBC	OWNER	GC	GC	GC
'7	3	TEA DISPENSER	BUNN	39600.0001	OWNER	GC	GC	GC
0	1	POS System	POS Provider	-	VENDOR	GC	VENDOR/GC	VENDO
81	1	Carbonator shelf	CO2 Vendor		VENDOR	VENDOR	VENDOR/GC	VENDO
32	1	Bag-n-box Soda System	Eagle Group		VENDOR	VENDOR	VENDOR/GC	VENDO
36	1	ICE COOLED DROP IN DISPENSER	LANCER	ICD 23300	OWNER	VENDOR	VENDOR/GC	VENDO
8	1	Table, Enclosed Base w/ Mid-Shelf & Doors	Pacific Stainless Products	CBTD7824S4S	OWNER	GC	GC	GC
801	1	Underbar sink	Krowne Metal	18-53C	OWNER	GC	GC	GC
	1	Hand Sink	Krowne Metal	KR18-1C	OWNER	GC	GC	GC
302		Ice Bin	Krowne Metal	KR18-1C KR18-48	OWNER	GC	GC	GC
303	1							
304 205	2	Back Bar Glass Storage	Krowne Metal	KR18-GSB1	OWNER	GC	GC	GC
305	2	Back Bar Cooler	Krowne Metal	BS60L	OWNER	GC	GC	GC
307	1	Soda Gun Holder	Krowne Metal	KR24-6SH	OWNER	GC	GC	GC
312	1	Bottle Cooler	Krowne Metal	MC24B	OWNER	GC	GC	GC
325	1	Self-Contained Draft Beer Cooler	Krowne Metal	DB60L	OWNER	GC	GC	GC GC

Vori S Cinco	Wine With Vorio 998-3582 o.icloud.com			-		
	Owner Cindy Yorio (724) 998-3582 cindyyorio.icloud.c				ED/REVISD DATE	EQUIPMENT PLAN
					ISSUED/REVISD	EQUIP
	Owner Cindy Yorio 224) 998-3582 yorio.icloud.com				DATE	Ζ
MANUAL STACK WASHER/DRYER BY OWNER, GC TO PROVIDE WATER AND ELECTRIC CONNECTIONS, REF MEP		R/GC R/GC R/GC	Water filtration System, for Ice Machines Compressed gas	M	Route Greer Spa /aynesbu	10/29/2021 21 & 79 ne Plaza ace #2 rg, PA 15370
Water filtration System, for Ice Machines         WKGC       Compressed gas         WKGC       Compressed gas         WKGC       Greene Plaza         WKGC       Space #2         WKGC       Waynesburg, PA 15370         Greene County       Greene County         MANUAL       TANUAL	Water filtration System, for Ice Machines       10/29/2021         VR/GC       Compressed gas         DR/GC       Route 21 & 79         Greene Plaza       Space #2         DR/GC       Space #2         DR/GC       Water filtration System, for Ice Machines		MANUAL EXISTING EQUIPMENT FROM CLIENT/OWNER Mop sink, floor mount EXISTING EQUIPMENT FROM CLIENT/OWNER CONFIRM COUNTERTOP MATERIAL WITH DICKEYS CONFIRM COUNTERTOP MATERIAL WITH DICKEYS CONFIRM COUNTERTOP MATERIAL WITH DICKEYS FOR TAKE OUT "PACKAGED BEER" W/ BACKSPLASH, CONFIRM COUNTERTOP MATERIAL WITH DICKEYS	A	UNARNOID NA FRAAM	
Mop sink, floor mount         EXISTING EQUIPMENT FROM CLIENT/OWNER         CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         FOR TAKE OUT "PACKAGED BEER"         W/BackSPLASH, CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         FOR TAKE OUT "PACKAGED BEER"         W/BackSPLASH, CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         FOR TAKE OUT "PACKAGED BEER"         W/BackSPLASH, CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         R/GC         R/GC         MR/GC         NO BACKSPLASH ON UNIT         MANUAL	Mop sink, floor mount         EXISTING EQUIPMENT FROM CLIENT/OWNER         CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         FOR TAKE OUT "PACKAGED BEER"         Wisch Kenne Countertor Material with Dickeys         Water filtration System, for Ice Machines         WrGC         Water filtration System, for Ice Machines         WrGC         WrGC         WrGC         WrGC         WrGC         WrGC         WrGC         WrGC         Water filtration System, for Ice Machines         WrGC         WrGC         WrGC         WrGC         Water filtration System, for Ice Machines         WrGC         WrGC         Water filtration System, for Ice Machines         WrGC         WrGC         WrGC         Water filtration System, for Ice Machines         WrGC         WrGC         WrGC         Waynesburg, PA 15370		MANUAL	< A	P.O. Batol	fritz@ fritz@ K
A B OEEE         MANULAR         EXISTING EQUIPMENT FROM CLIENT/OWNER         EXISTING EQUIPMENT FROM CLIENT/OWNER         EXISTING EQUIPMENT FROM CLIENT/OWNER         CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         With dicksPLASH, CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         With dicksPLASH, CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         NO BACKSPLASH, CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         NO BACKSPLASH, CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         NO BACKSPLASH ON UNIT         INGC         NO BACKSPLASH ON UNIT         MANUAL	A B CE	AL	COMMENTS SNEEZE GUARDS - ADJUSTABLE FULL HEIGHT	Architect	× m ∽	25) 383-0664 @plus1dc.com onjunction with KDW, P.S.
SNEEZE CUARDS - ADJUSTABLE           VULL HEIGHT         P & O & O & O & O & O & O & O & O & O &	Image: Construction of the machines         MANUAL         EXISTING EQUIPMENT FROM CLIENT/OWNER         Mop sink, floor mount         EXISTING EQUIPMENT FROM CLIENT/OWNER         CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         POR TAKE OUT PACKAGED BEER"         WW BACKSPLASH, CONFIRM COUNTERTOP MATERIAL WITH DICKEYS         WW WATEr filtration System, for Ice Machines         RKICC			-		

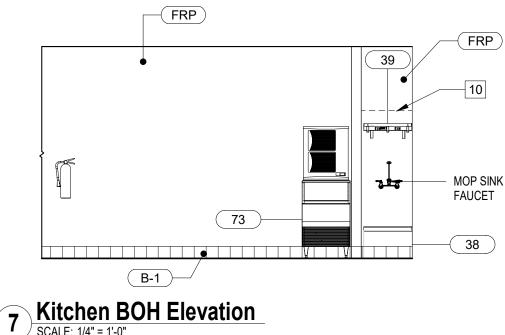


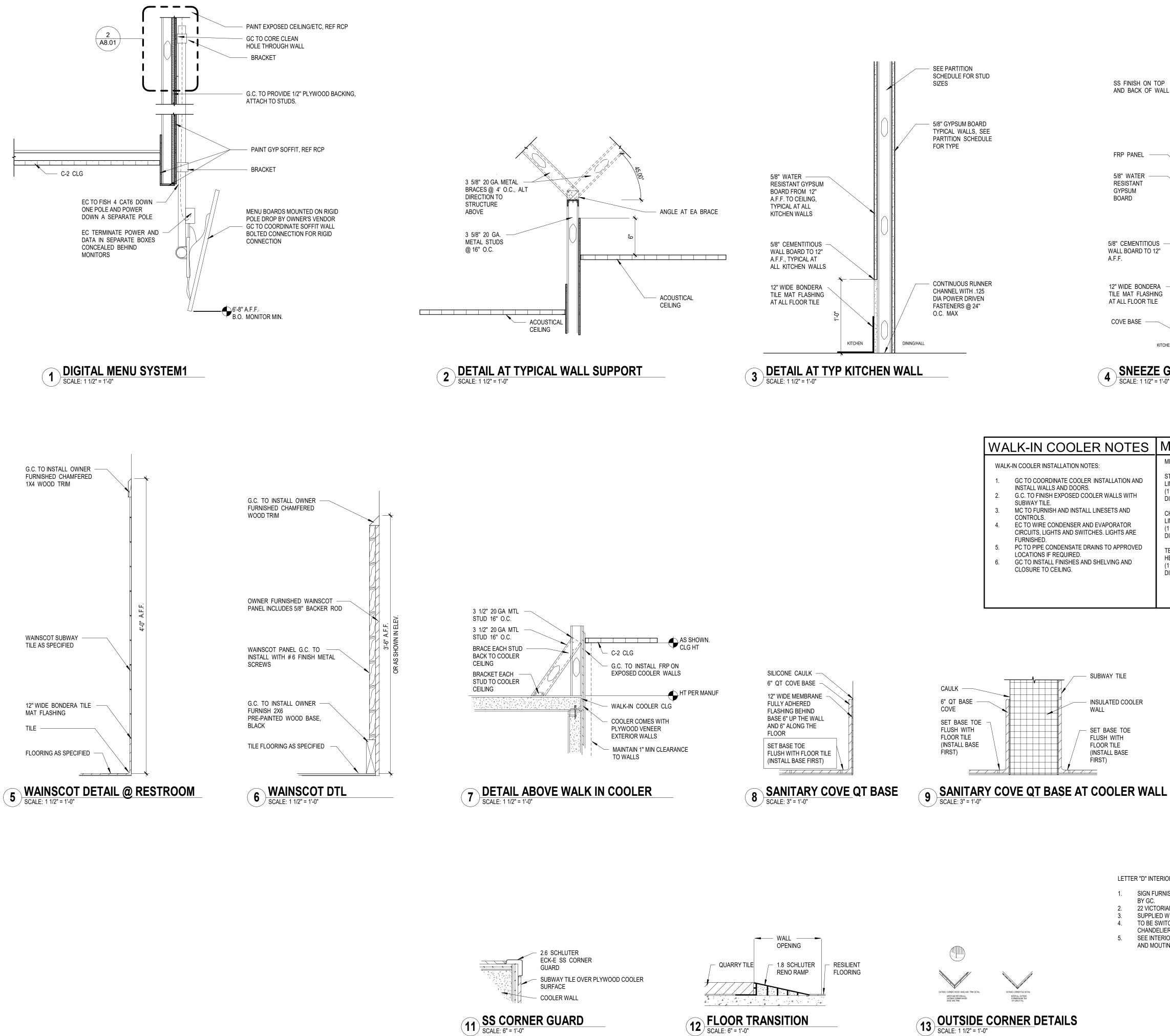




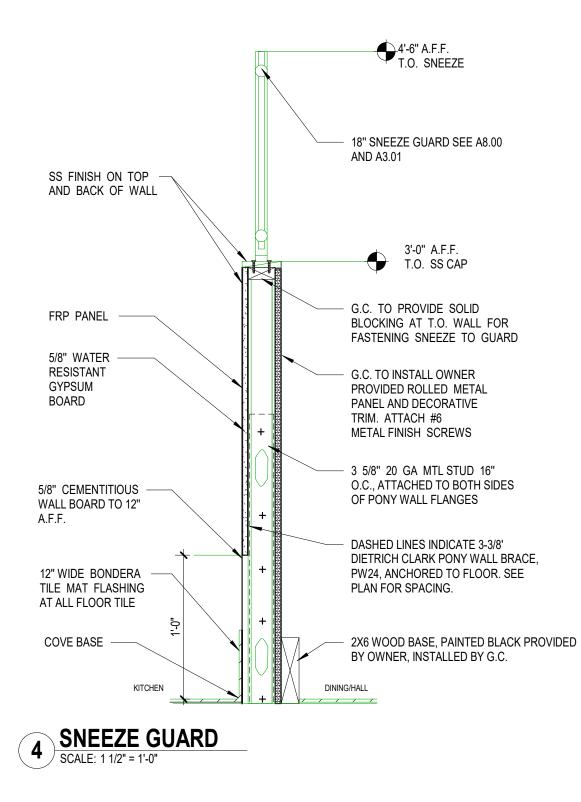








13 OUTSIDE CORNER DETAILS SCALE: 1 1/2" = 1'-0"

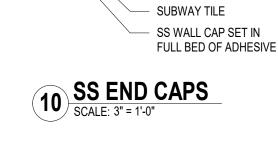


ER NOTES	METAL STUD NOTES
NOTES:	METAL STUD SPACING AND LIMITING HEIGHTS (BRACING 4' OC MAX.)
LER INSTALLATION AND RS. COOLER WALLS WITH	STUD PARTITION FRAMING: NON-COMPOSITE 3-5/8" 20EQ 16" OC 5 PSF L/360 LIMITING HEIGHT TO BRACING: 12'-7" (11'-0" FOR 24" OC AT SPECIAL CONDITIONS EX: ELECTRICAL PANELS) DIETRICH TRACKLOC 362TLF125-24
ALL LINESETS AND AND EVAPORATOR VITCHES. LIGHTS ARE	CHASE WALLS FRAMING: NON-COMPOSITE 6" 20EQ 16" OC 5PSF L/360 LIMITING HEIGHT TO BRACING: 18'-3" (11'-0" FOR 24" OC AT SPECIAL CONDITIONS EX: ELECTRICAL PANELS) DIETRICH TRACKLOC 600TLF125-24
DRAINS TO APPROVED	TENANT WALLS FRAMING: COMPOSITE 6" 25EQ 16" OC 5PSF L/360 LIMITING HEIGHT TO BRACING: 18'-5" (11'-0" FOR 24" OC AT SPECIAL CONDITIONS EX: ELECTRICAL PANELS) DIETRICH TRACKLOC 600TLA/TLF125-18

SUBWAY TILE

INSULATED COOLER WALL

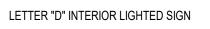




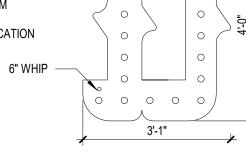
SS WALL CAP PROVIDE, G.C

TO COORDINATE THROAT

WITH STANFORD SONOMA

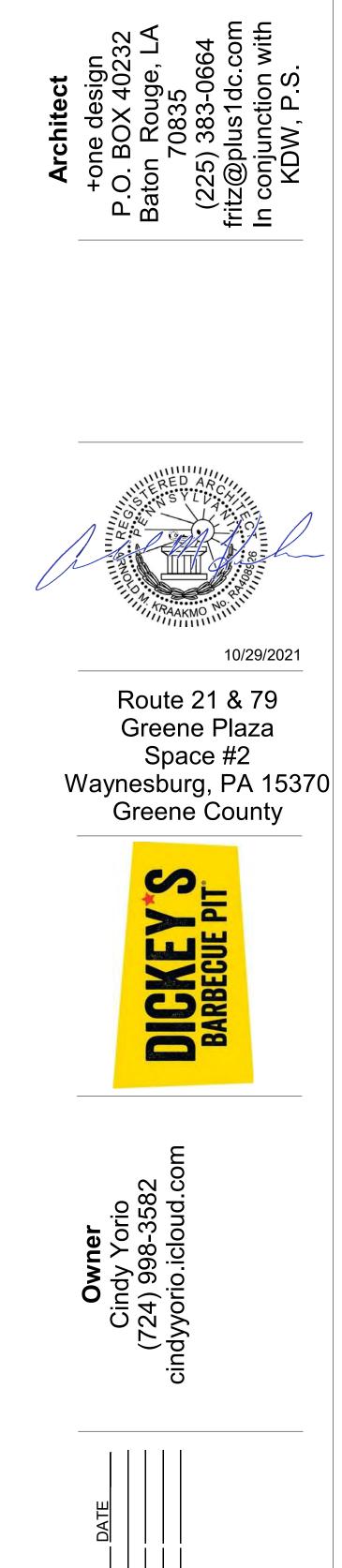


- SIGN FURNISHED BY OWNER AND INSTALLED
- BY GC. 22 VICTORIAN BULBS
- SUPPLIED WITH 6' WHIP
- TO BE SWITCHED WITH DINING ROOM CHANDELIERS
- SEE INTERIOR ELEVATIONS FOR LOCATION AND MOUTING HEIGHT.



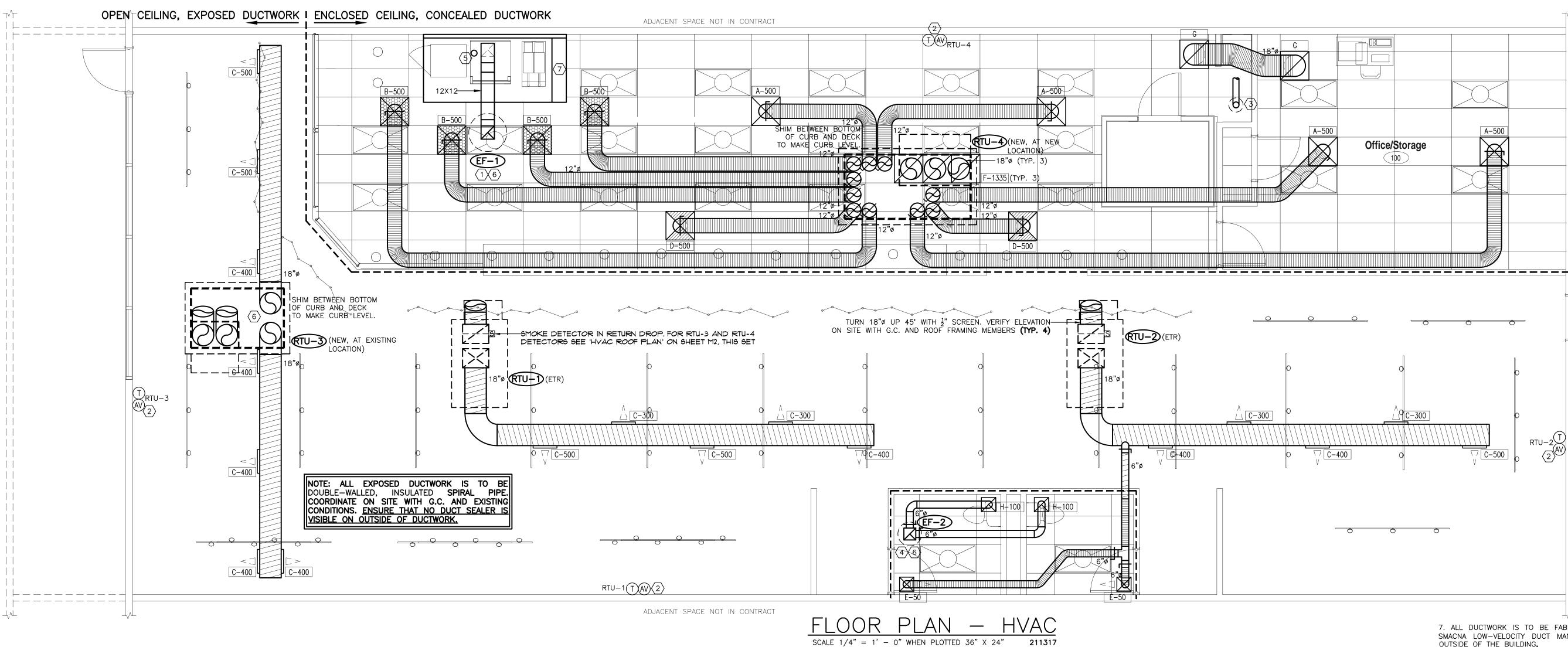
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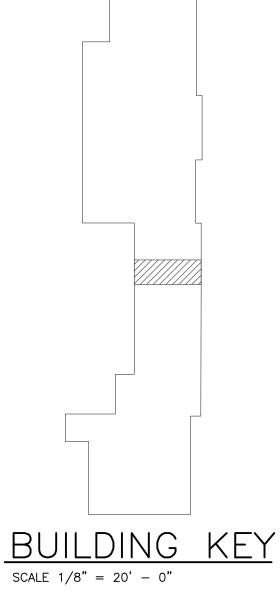




S **DETAIL** 

**A8.01** 







PLENUMIZED CURB INSTALLATION NOTES . CAREFULLY LOCATE AND MARK ROOF CURB LOCATIONS SO THAT DUCT WORK CAN BE INSTALLED IN THE APPROXIMATE LOCATIONS AS SHOWN BY THE FLOOR PLAN. PAY ATTENTION TO THE LOCATION OF THE ROOF STRUCTURE IN ORDER TO ACCOMMODATE THE DUCT DROPS.

2. MARK THE EXACT LOCATION OF EACH ROOF CURB. LAY OUT ALL EQUIPMENT LOCATIONS IN ORDER TO MAINTAIN PROPER CLEARANCES FROM EXHAUST FANS AND VENTS AS WELL AS PROVIDING FOR PROPER SERVICE CLEARANCES.

3. GENERAL CONTRACTOR SHALL CUT ROOF DECKING MATERIAL TAKING CARE TO AVOID CUTTING ANY STRUCTURAL COMPONENTS. GENERAL CONTRACTOR SHALL ALSO INSTALL ANY NECESSARY FRAMING OR BLOCKING AT OPENINGS.

4. WITH ROOF CURB UPSIDE DOWN (SOLID METAL BOTTOM UP) MEASURE AND MARK THE LOCATION OF ANY JOISTS OR OTHER FRAMING MEMBERS THAT MUST BE AVOIDED. MEASURE AND MARK THE LOCATION OF ALL THE DUCT TAPS. 5. CUT ALL DUCT TAPS INTO THE BOTTOM PANEL OF THE ROOF CURB. BE CAREFUL NOT TO DAMAGE THE ROOFING SURFACE WHILE MAKING THESE CUTS. 6. INSTALL DUCT TAP FITTINGS AND MANUAL DAMPERS INTO THE OPENINGS PREVIOUSLY CUT. SEAL ALL CONNECTIONS ON BOTH THE BOTTOM AND THE TOP SIDES OF THE TAPS.

7. FLATTEN TAB OF START COLLAR INSIDE CURB, TIGHT AGAINST INSULATION. SEAL INSIDE OF COLLAR AND TABS TO INSULATION USING MASTIC DUCT SEALER. ALLOW SEALER TO DRY PRIOR TO PROCEEDING. 8. APPLY DUCT SEALER TO OPEN END OF COLLAR. SLIDE INNER CORE OF

FLEXIBLE DUCT ONTO COLLAR, AND CONNECT PANDUIT STRAP PER MANUFACTURERS INSTRUCTIONS. 9. SLIDE OUTER INSULATION SLEEVE OF FLEX TIGHT TO BOTTOM OF CURB.

SEAL INSULATION TO BOTTOM OF CURB WITH PRESSURE-SENSITIVE FOIL TAPE. DO NOT USE TAPE MEANT FOR RIGID DUCTBOARD. SQUEEGEE OUT ALL AIR BUBBLES FOR PROPER ADHESION.

10. TURN CURB RIGHT SIDE UP, LEVEL CURB BETWEEN BOTTOM OF CURB AND DECK, INSTALL IN ROOF OPENING. SECURE CURB TO ROOF FRAMING AS REQUIRED.

11. GENERAL CONTRACTOR OR ROOFING CONTRACTOR SHALL FLASH AND ROOF IN THE CURB AS DETAILED ON THE DRAWINGS. 12. INSIDE BUILDING, THE DUCT RUNS SHALL BE INSTALLED FROM THE TAPS TO THE DIFFUSER LOCATIONS AS SHOWN ON THE PLANS. SUPPORT PER

SMACNA AND LOCAL CODES. 13. NOTE: IF NECESSARY, FLEX DROPS MAY BE CONNECTED TO TAPS AFTER CURB HAS BEEN INSTALLED. REFER TO STEPS #8 AND #9.

		<u> </u>		G			
		TAV <sub>RTU-4</sub>				-	
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	12"ø       SHIM BETWEEN BOTTOM       OF CURB AND DECK       TO MAKE CURB LEVEL.       12"ø						
	SHIM BETWEEN BOTTOM 12"Ø					A-500	
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TAG	SUPPLY AIR	OUTSIDE AIR	RETURN AIR	EXHAUST AIR	BLDG. PRESSURE
RTU-1*	2000 CFM	300 CFM	1700 CFM		+ 300 CFM
RTU-2*	2000 CFM	300 CFM	1700 CFM		+ 300 CFM
RTU-3	3000 CFM	600 CFM	2400 CFM		+ 600 CFM
RTU-4	5000 CFM	1000 CFM	4000 CFM		+ 1000 CFM
EF-1				1800 CFM	- 1800 CFM
EF-2				200 CFM	- 200 CFM
TOTAL	12000 CFM	2200 CFM	9800 CFM	2000 CFM	+ 400 CFM
* EXISTI	NG, TO REMAI	N. SET CAPAC	ITIES AS SHOW	VN	

		AI	r dev	ICE SCH	HEDU	LE		
SYM.	SIZE	TYPE	DUCT SIZE	MODEL#	FINISH	BOOT SIZE	OPENING SIZE	Q.
A*	24X24	SUPPLY 4 WAY	12"ø	NCA12	WHITE	12 <b>"</b> ø	T–BAR	
B**	24X24	SUPPLY PERF.	12"ø	APDF3-1424	WHITE	12 <b>"</b> ø	T–BAR	
C***	18X12	SUPPLY SIDEWALL		P620DF-1812	WHITE	12 <b>"</b> ø		1
D*	24X24	SUPPLY 2 WAY	12"ø	NCA12-2P	WHITE	12 <b>"</b> ø	T–BAR	
E****	12X12	SUPPLY 1 WAY	6"ø	630	WHITE	12X12	SIZE + 1/4"	
F	24X24	RETURN	18"ø	630TB	WHITE	22X22	T–BAR	
G	24X24	TRANSFER	18"ø	630TB	WHITE	22X22	T–BAR	
н	12X12	EXHAUST	6"ø	630	WHITE	12X12	SIZE + 1/4"	

\* PROVIDE WITH PVCR9 SLIDING-BLADE DAMPER \*\* PROVIDE WITH FOUR 14"ø-TO-12"ø REDUCERS FOR TOPS OF DIFFUSERS \*\*\* PROVIDE WITH DUAL DEFLECTION BLADES AND OPPOSED-BLADE DAMPER \*\*\*\* PROVIDE WITH OPPOSED-BLADE DAMPER

# KEYED NOTES

) PROVIDE TYPE-I GREASE HOOD OVER APPLIANCES. PROVIDE 16 GAUGE BLACK IRON SHEETMETAL DUCT, WELDED LIQUID-TIGHT, FROM CONNECTION ON HOOD TO EXHAUST FAN ON ROOF. ALL WORK IS TO CONFORM WITH NFPA96 AND LOCAL CODES, INCLUDING THE PROVISION OF FIRE WRAP AND ACCESS DOORS. VERIFY AND ROUTING PRIOR TO FABRICATION OR INSTALLATION. OFFSET AND TRANSITION AT CONNECTIONS AS NEEDED. REFER TO HOOD DETAIL SHEETS, THIS SET. CONFIRM LOCATION ON SITE WITH MOST RECENT KITCHEN EQUIPMENT PLANS.

(2) PROVIDE THERMOSTAT AT 66" A.F.F. IN A WALL NEAR LOCATION SHOWN. SEAL WALL OPENINGS WITH CAULK. AUDIO-VISUAL ANNUNCIATOR TIED INTO SMOKE DETECTOR. COORDINATE LOCATIONS ON SITE WITH G.C. AND EQUIPMENT. AVOID SOURCES OF HEAT. INSULATE BACKS OF STATS.

(3) TYPE "B" FLUE THROUGH ROOF WITH CONE FLASHING, RAIN SHIELD, AND WEATHER-PROOF CAP PROVIDED BY PLUMBING CONTRACTOR. DISCHARGE SHALL BE MINIMUM 10 FEET FROM AIR INTAKES. OFFSET AND TRANSITION AT CONNECTIONS AS NEEDED. USE FACTORY-MANUFACTURED PIPE AND FITTINGS ONLY. COMBUSTION AIR IS PROVIDED VIA NATURAL DRAFT USING OUTSIDE AIR FROM THE ROOF-TOP UNITS. VERIFY LOCATION ON SITE -MAINTAIN REQUIRED CLEARANCES.

(4) RUN 10X10 EXHAUST DUCT TO EXHAUST FAN ON ROOF AS SHOWN. OFFSET AND TRANSITION AS NEEDED. (5) TYPE "L" FLUE TO HIGHER IN ELEVATION THAN THE BOTTOM OF THE

HOOD. OFFSET AND TRANSITION AT CONNECTIONS AS NEEDED. USE FACTORY-MANUFACTURED PIPE AND FITTINGS ONLY. REFER TO MANUFACTURERS INSTRUCTIONS THAT SHIP WITH THE SMOKER. (6) SHIM CURBS ON ROOF IN ORDER TO MAKE TOP OF CURBS LEVEL. SEE

DETAIL ON SHEET M-2. CONFIRM STRUCTURAL FRAMING ON SITE PRIOR TO LAYING OUT ROOF PENETRATIONS. (7) HOOD UTILITY CABINET HOUSES HOOD CONTROLS AND FIRE SUPPRESSION

PACKAGE ROOFTOP	UNIT SCHED	ULE (RTU-1	,2,3,4)
TAG	RTU-1,2	RTU-3	RTU-4
MANUFACTURER	(EXISTING) TRANE	CARRIER	CARRIER
MODEL	TSC060 (5 TON)	48HCED08 (7.5 TON)	48HCFD14
LOCATION, CURB DIMENSIONS	RTUS ARE EXISTING	ROOF, 78" X 50"	ROOF, 106
TYPE OF HEAT	AND TO REMAIN. HVAC	NATURAL GAS	NATURAL G
TOTAL COOLING CAPACITY, MBTU/HR	CONTRACTOR IS TO SET	95.2	148.0
SENSIBLE COOLING CAPACITY, MBTU/HR	AIR CAPACITIES PER	71.0	103.8
ENTERING AIR CONDITIONS, DB'F/WB'F	THE AIR BALANCE	80/67	80/67
AMBIENT AIR DB TEMPERATURE, 'F	VERIFY PROPER	95	95
SUPPLY AIR, CFM	WORKING OPERATION	3000	5000
OUTSIDE AIR, CFM	OF UNIT, AND	SEE SCHEDULE	SEE SCHEI
EXTERNAL STATIC PRESSURE, "WG	IMMEDIATELY REPORT	0.75	0.75
BHP – MEDIUM STATIC MOTOR	ANY PROBLEMS TO THE GENERAL CONTRACTOR	2.4	3.7
E.E.R.	AND NCA	12.0	12.2
GAS INPUT MBTU/HR	CONSULTANTS.	120/180	192/240
GAS OUTPUT MBTU/HR		98/148	156/195
UNIT WEIGHT, LBS.		1100	1300
ELECTRICAL REQUIREMENT, V/PHASE/HZ		208-230/3/60	208-230/
MINIMUM CIRCUIT AMPERAGE		38.8	60.0
MAXIMUM OVER CURRENT PROTECTION		50	70
ACCESSORIES - RTU-3,4 ONLY*:			
1. 100% ECONOMISER WITH BAROMETRIC RELIEF			
12 NCA DIENUMIZED CURD TO OPDED CALL TOU	I EDEE (977) 530 0079		

2. NCA PLENUMIZED CURB. TO ORDER CALL TOLL-FREE (877) 530-0078.

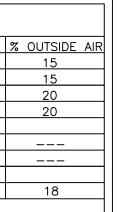
3. ONE YEAR COMPLETE PARTS AND LABOR WARRANTY

4. ADDITIONAL FOUR YEAR PARTS WARRANTY COVERING COMPRESSORS

SMOKE DETECTOR (SEE HVAC ROOF PLAN, SHEET M-2) \* PROVIDE FOR RTU-1,2 ALSO 6. AQUAGUARD AG-3180E MOISTURE SENSOR FOR PRIMARY PAN \* PROVIDE FOR RTU-1,2 ALSO

NOTE: COORDINATE RTU PLACEMENT ON SITE PRIOR TO SETTING EQUIPMENT. IF ADJUSTMENT IS NECESSARY MAINTAIN FRESH AIR INTAKE CLEARANCES, INCLUDING EQUIPMENT ON ADJACENT SPACE.

	FAN SC	HEDULE	
UNIT NUMBER		EF-1	EF-2
AREA SERVED		HOOD-1	RESTROOMS
MANUFACTURER		CAPTIVE AIRE	CAPTIVE AIRE
MODEL		DU85HFA	DR10HFA
CFM		1800	200
STATIC PRESSURE, "WG		1.5	0.25
FAN HORSEPOWER		1.0	0.06
DRIVE		DIRECT	DIRECT
RPM		1569	1111
ELECTRICAL V/Ø/HZ		208/3/60	120/1/60
NCA CURB LXWXH		23X23X26	17.5X17.5X12
ACCESSORIES		B,D,E,J,K,L,M	A,B,C,D,E,G,H,L,M
NOTES/ACCESSORIES	G. INTERLOCK		
A. ALUMINIZED BIRDSCREEN		PREFABRICATED ROOF CU	
B. SAFETY DISCONNECT SWITCH		ED BY ELECTRICIAN PER	
C. GRAVITY BACKDRAFT DAMPER	K. REFER TO	KITCHEN BALANCE SCHEE	
D. AMCA SEAL & U.L. CERTIFIED E. SPEED CONTROL	L. ENSURE 10 M. COORDINAT		
		WITT WAND ACTORER P	ON TIMAL SELECTION



DAMPER

RECENT REFLECTED CEILING PLAN

GENERAL CONTRACTOR

ELECTRICAL CONTRACTOR

LIGHTS ARE ON.

CONTRACTOR.

OF RTU CURB.

LOCAL CODE.

PLUMBING CONTRACTOR

COORDINATE ON SITE WITH G.C. AND HVAC CONTRACTOR.

THE BUILDING ..

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14 (12.5 TON)	

06" X 54"

<u>)/3/60</u>

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ALL HVAC EQUIPMENT, AND PITCH POCKETS FOR RTU CONNECTIONS. DO NOT PENETRATE BOTTOM

2. THE PLUMBING CONTRACTOR IS TO COORDINATE PLUMBING VENT STACKS AND WATER HEATER

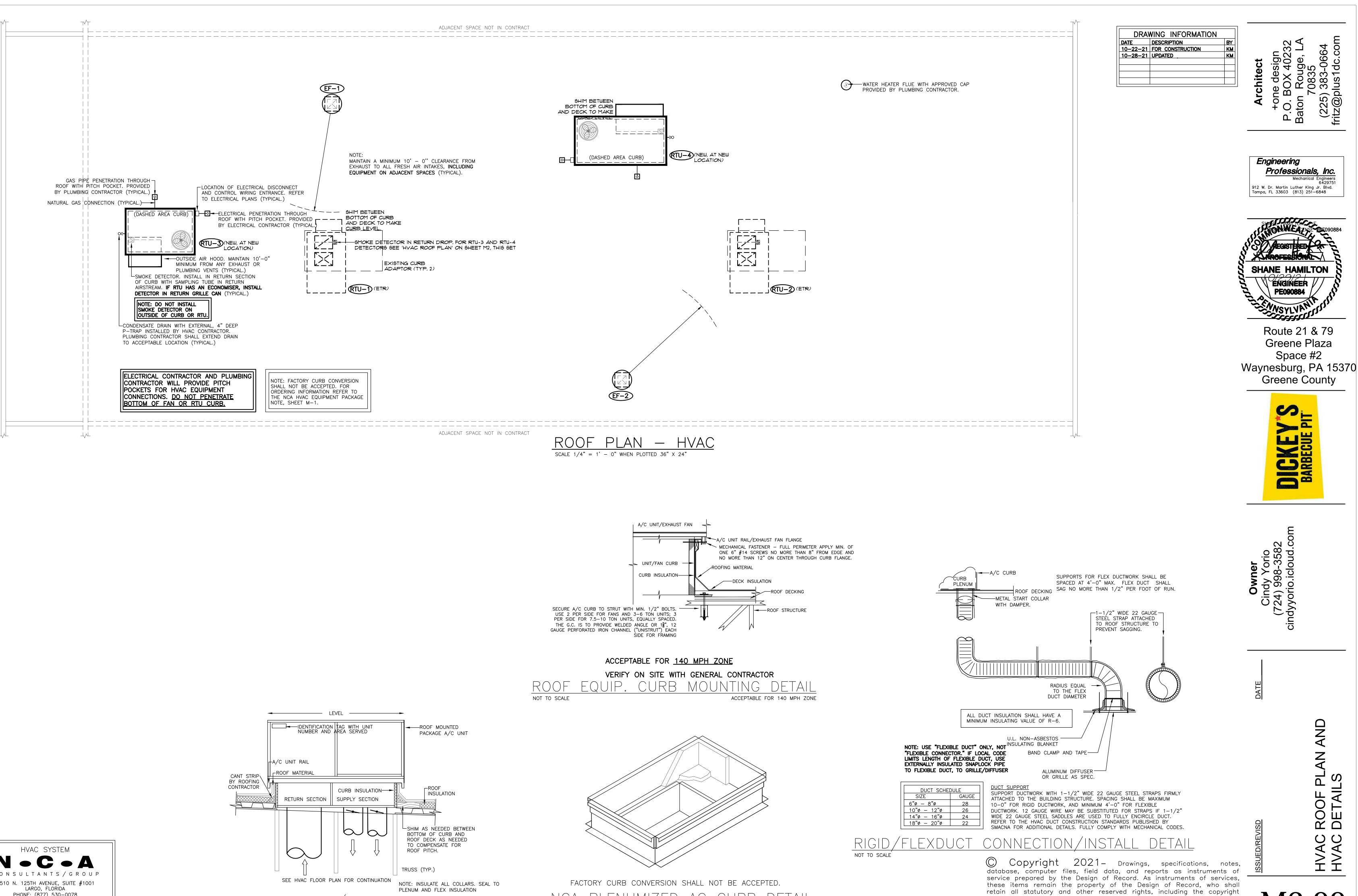
FLUES WITH OUTSIDE AIR INTAKES OF A/C UNITS. 10'-0' MINIMUM CLEARANCE REQUIRED OR PER

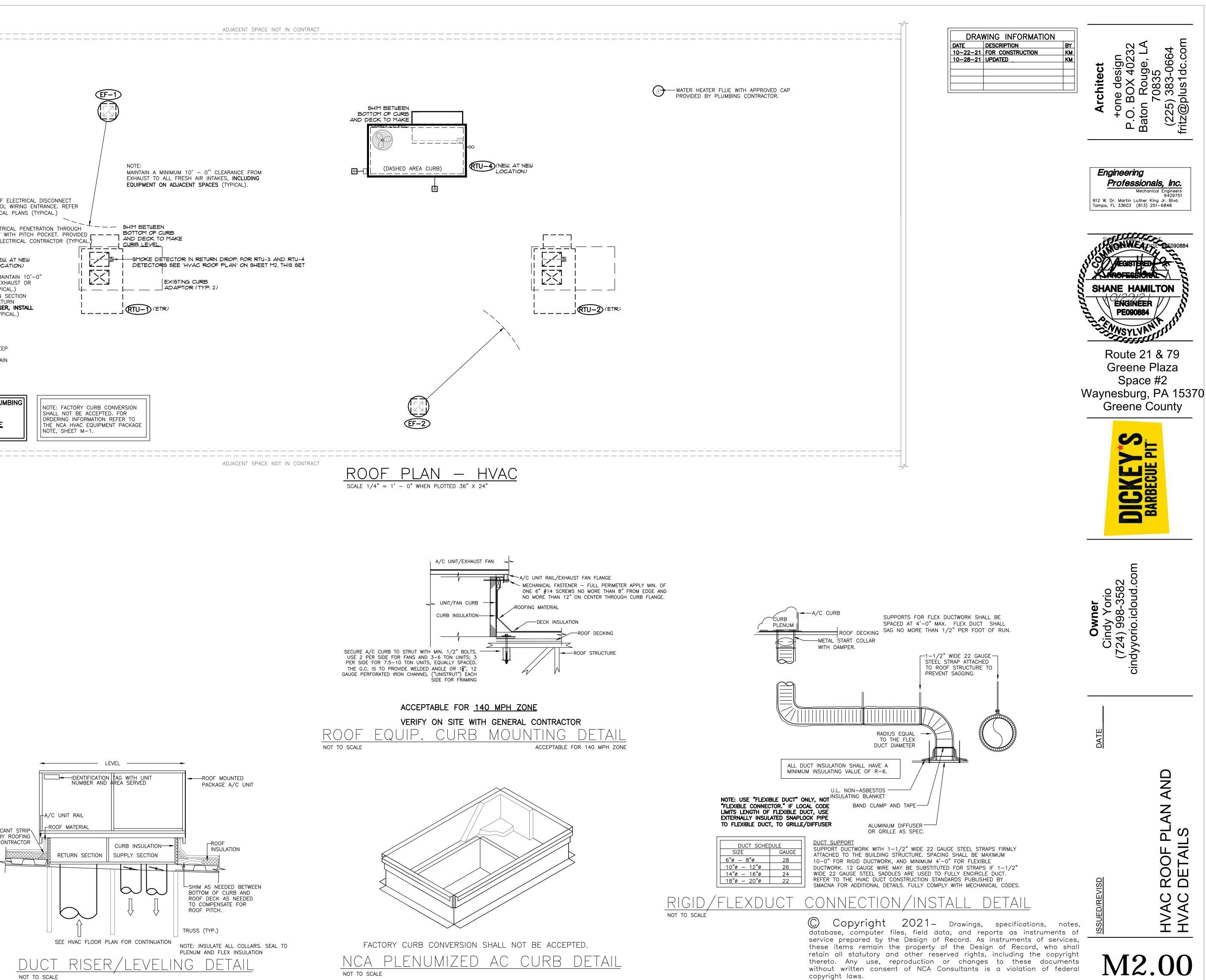
3. THE PLUMBING CONTRACTOR IS TO PROVIDE AND INSTALL FLUE GAS EXHAUST VENT FOR WATER

HEATER. MAINTAIN 10'-O" MINIMUM CLEARANCE TO AIR INTAKES, OR PER LOCAL CODE.

DRAWING INFORMATION DATE DESCRIPTION 10-22-21 FOR CONSTRUCTION , sign ( 402; uge, 1 35 10-28-21 UPDATED 9 <del>2</del> chited Ð σ 700 (225) 30 fritz@plu one BC P.O. E Baton Ar <u>TTENTION</u> <u>GENERAL</u> <u>CONTRACTOR</u> "RE-ENGINEERING" DEVIATIONS FROM THE SHOWN DESIGN AND REQUIRED HVAC EQUIPMENT MUST BE APPROVED IN ADVANCE BY THE ARCHITECT AND PROFESSIONAL ENGINEER. UNAUTHORIZED SUBSTITUTIONS OR ALTERATIONS WILL VOID THE SIGNATURE AND SEAL OF THE PROFESSIONAL ENGINEER AND LEAVE VIOLATORS RESPONSIBLE FOR RESUBMISSION OF SIGNED AND SEALED DRAWINGS. Engineering Professionals, Inc. EXISTING CONDITIONS Engineers 642975 EXCLUDING ITEMS THAT ARE EXPLICITL 912 W. Dr. Martin Luther King Jr. Blvd. Tampa, FL 33603 (813) 251-6848 STATED TO BE REUSED, THE GENERAL CONTRACTOR IS TO REMOVE EXISTING ROOFTOP UNITS, DUCTWORK, CURBS CONTROLS, SUPPORTS, AND OTHER ACCESSORIES ASSOCIATED WITH THE NONWEALISE ROOFTOP EQUIPMENT; REMOVE, ALTER, AND REPLACE STRUCTURAL FRAMING AS NEEDED; RE-DECK AND RE-ROOF EXISTING OPENINGS TO MATCH EXISTING ROOF; AND REMOVE ALL EXISTING DUCTWORK DIFFUSERS. IGRILLES. HANGERS, AND ASSOCIATED MATERIALS. SHANE HAMILTON ENGINEER PE090884 HVAC CONTRACTOR . THE HVAC CONTRACTOR IS TO FURNISH AND INSTALL STANSYLVANI STANSYLVANI THE HOOD, FANS, <u>NEW</u> <u>RTUS</u>, DUCTWORK, INSULATION WRAP, GRILLES AND DIFFUSERS; SMOKE DETECTORS, AND TEMPERATURE CONTROLS. SEE KEYED NOTE #1, THIS SHEET. Route 21 & 79 . ALL HVAC EQUIPMENT CURBS ARE TO BE SUPPLIED BY Greene Plaza THE HVAC CONTRACTOR. 3. ALL CURBS ARE TO BE FABRICATED FROM 18 GA. Space #2 GALVANIZED METAL WITH FULLY WELDED SEAMS, WATER TIGHT AND INTERNALLY INSULATED. FACTORY CURB Waynesburg, PA 15370 CONVERSION SHALL NOT BE ACCEPTED. 4. SHIMS ARE TO BE PROVIDED BY HVAC CONTRACTOR **Greene County** BETWEEN THE ROOF DECK AND THE NEW CURBS TO COMPENSATE FOR ROOF PITCH. 5. ALL FLEX DUCT IS TO BE U.L. LISTED, R-8, FOIL-BACKED, CLASSIFIED AS A CLASS 1 AIR DUCT. MAXIMUM LENGTH PER LOCAL CODE. ALL METAL DUCT AND S AIR DISTRIBUTION DEVICES ARE TO BE INSULATED WITH FI R-8, 2" X .75 DENSITY FOIL-BACKED INSULATION, WITH FIRE AND SMOKE RATING [25]-[50]. 6. ALL DUCTWORK IS TO BE INDEPENDENTLY HUNG FROM **DICKE** BARBECUE STRUCTURAL MEMBERS. 7. ALL DUCTWORK IS TO BE FABRICATED, INSTALLED, SEALED, AND EXTERNALLY INSULATED PER SMACNA LOW-VELOCITY DUCT MANUAL (LATEST ISSUE). EXCLUDING THE EXTERIOR TRUNKLINES 8. UNLESS OTHERWISE NOTED. ALL SUPPLY TAKEOFFS ARE TO HAVE A MANUAL VOLUME CONTROL 9. THE HVAC CONTRACTOR IS TO COORDINATE DIFFUSER LOCATIONS ON SITE WITH THE MOST 10. THE HVAC CONTRACTOR IS TO FURNISH A WRITTEN GUARANTEE COVERING A ONE-YEAR PERIOD FOR ALL NEW HVAC EQUIPMENT AND WORK AND PROVIDE AN ADDITIONAL TWO-YEAR WARRANTY ON THE NEW RTU COMPRESSORS. ALL NEW FANS TO BE U.L. LISTED. 11. UPON COMPLETION OF PROJECT THE HVAC CONTRACTOR IS TO HIRE AN A.A.B.C. OR N.E.B.B. CERTIFIED, INDEPENDENT TEST AND BALANCE COMPANY TO CONDUCT A COMPLETE, CERTIFIED TEST AND BALANCE OF ALL HVAC EQUIPMENT. PROVIDE A WRITTEN REPORT TO NCA CONSULTANTS. ALL CAPACITIES MUST BE SET TO AMOUNTS INDICATED ON THE FLOOR PLANS AND SCHEDULES. 12. THE HVAC CONTRACTOR IS TO MAKE ALL LOW-VOLTAGE WIRING FINAL CONNECTIONS FOR ALL HVAC EQUIPMENT INCLUDING TEMPERATURE CONTROLS, RTUS, AND SMOKE DETECTORS.  $\sim$ idy Yorio 998-358 io.icloud. 220 . IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO RECEIVE, OFFLOAD, AND STORE ALL HVAC MATERIALS WHICH ARRIVE AT THE JOB SITE. ALL MATERIAL MUST BE STORED INSIDE 2. IT IS VERY IMPORTANT THAT ACCURATE MEASUREMENTS ARE USED WHEN LOCATING EXHAUST FAN ROOF OPENING. COORDINATE ROOF OPENINGS WITH THE KITCHEN EQUIPMENT PLAN. OBTAIN THE CORRECT PLANS FROM THE KITCHEN EQUIPMENT SUPPLIER. С ori Ori 3. ALL ROOF, CEILING, WALL, AND STRUCTURAL FRAMING REQUIRED FOR UNIT, FAN, DUCT, DIFFUSER, AND ALL OTHER HVAC WORK IS TO BE BY THE G.C. COORDINATE ON SITE WITH HVAC CONTRACTOR. GENERAL CONTRACTOR IS TO PROVIDE ANY SCREENING, GUARD RAILS, ETC. FOR ROOF-MOUNTED HVAC EQUIPMENT PER IBC AND LOCAL CODES. ANY REQUIRED PAINTING OF HVAC WORK IS TO BE BY THE GENERAL CONTRACTOR. 4. IF NECESSARY THE GENERAL CONTRACTOR IS TO REMOVE, REPLACE, AND/OR REPAIR CEILING GRID AND TILES IN ORDER FOR THE HVAC WORK TO BE PERFORMED. 1. THE ELECTRICAL CONTRACTOR IS TO INSTALL LOW-VOLTAGE CONTROL WIRING FOR ALL AIR CONDITIONING CONTROLS. DO NOT PENETRATE BOTTOM OF RTU CURB. 2. THE ELECTRICAL CONTRACTOR IS TO FURNISH AND INSTALL DISCONNECTS FOR THE RTUS AND FANS, AND WIRE THE RESTROOM EXHAUST FAN TO RUN CONTINUOUSLY WHILE THE DINING ROOM 3. THE ELECTRICAL CONTRACTOR IS TO USE A MINIMUM OF 4'-6" SEALTITE FLEXIBLE CONDUIT WHEN WIRING KITCHEN HOOD EXHAUST FANS ON ROOF SO THAT FANS MAY BE REMOVED FROM CURBS AND PLACED ON ROOF FOR CLEANING EXHAUST DUCTWORK 4. FOR EACH UNIT, THE ELECTRICAL CONTRACTOR IS TO PROVIDE ONE SINGLE-GANG RECEPTACLE FOR THE T-STAT, AND ONE DOUBLE-GANG RECEPTACLE FOR TEST STATION AND ANNUNCIATOR, Ш WITH GREEN AND RED LIGHT INDICATORS. THE FIRE AND MECHANICAL INSPECTORS WILL DETERMINE SUITABLE LOCATION FOR TEST STATIONS. ANNUNCIATORS AND TEST STATION WILL BE LOOPED IN THE CIRCUITRY OF THE SMOKE DETECTION DEVICES. WIRING WILL BE INSTALLED BY ELECTRICAL I. THE PLUMBING CONTRACTOR IS TO PROVIDE AND INSTALL CONDENSATE DRAINS/GAS PIPING FOR

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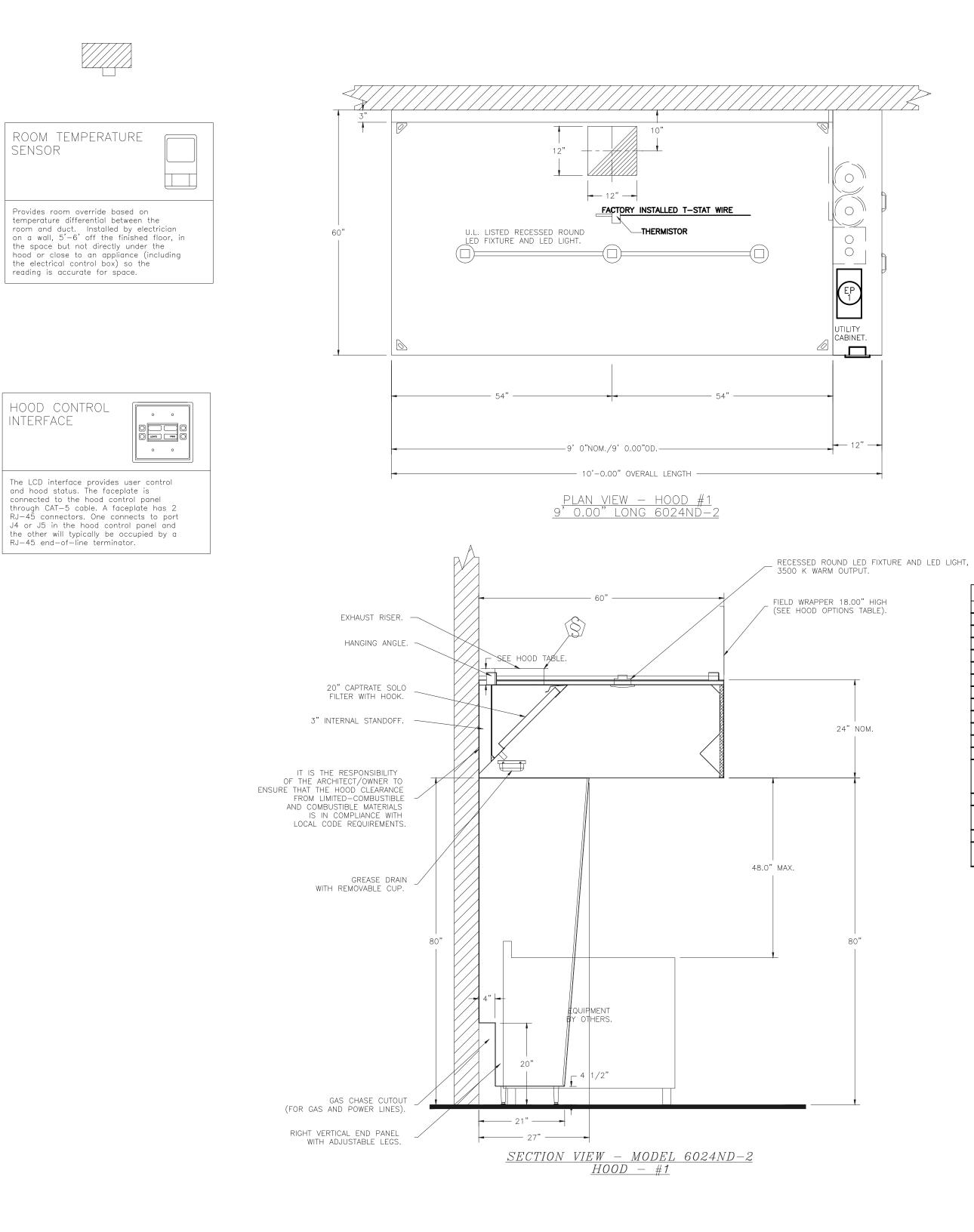




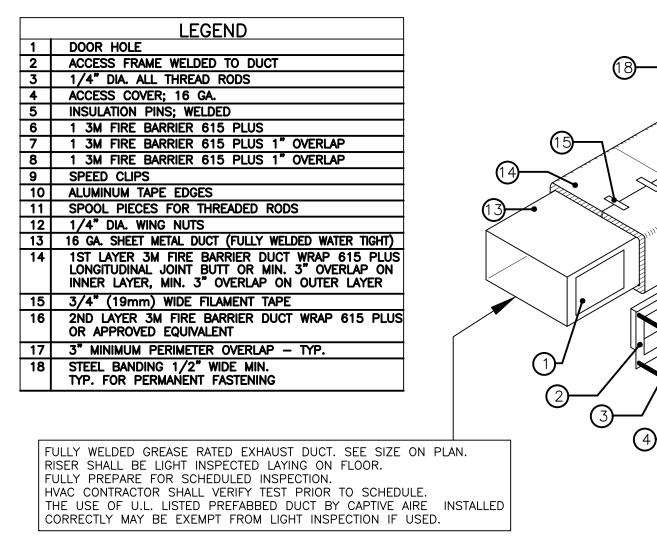


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HOOL	) INF	ORMATIO.	N - JOB#5	153	3507																
HOOD						MAX	APPLIANCE	DESIGN	TOTAL			EXHAUS RIS	ST PL			HOOD	HOOD				
NO	TAG	MODEL	MANUFACTUREF		ENGTH	COOKING TEMP	TYPE DUTY	CFM/FT	EXH CFM	WIDTH	LENG		DIA		/EL SP	CONSTRUCTION	END TO END	ROW			
1		6024 ND-2	CAPTIVEAIRE		9'0"	600 DEG	I HEAVY	200	1800	12"	12"	4"		1800 1	800 -0.713"	. 430 SS WHERE EXPOSED	ALONE	ALONE			
<u>H001</u>	<u>)</u> INF	<u>ORMATIO</u>	Ν																		
					FILTER(S	)				LIGHT(S	)						ILITY CAB	NET(S)			FIRE HOOD SYSTEM HANGING
HOOD NO	TAG		TYPE		HEIGHT	LENGTH	EFFICIENCY @ 7	QTY		TYPE		WIRE		CATION	SIZE		SYSTEM		ELECTRICAL	SWITCHES	
							MICRONS			· · · · ∟		GUARE		OATION	JIZE	TYPE	SIZ	ZE	MODEL #	QUANTITY	PIPING WEIGHT
1		CAPTRATE	SOLO FILTER	6	20"	16"	85% SEE FILTER	3	RECES	SSED RO		NO	F	RIGHT	12"x60"x24"	TANK FS	4 0	/4.0	SC-110110MA	1 LIGHT	YES 813
					20		SPEC		TILO L		5 6110						1.0	/ 1.0		1 FAN	TES LBS
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HOOD	TAG						OPTION														
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NOTE: ACCESS DOOR NOT REQUIRED UNLESS OFFSET, OR HORIZONTALLY EVERY 12'-0"

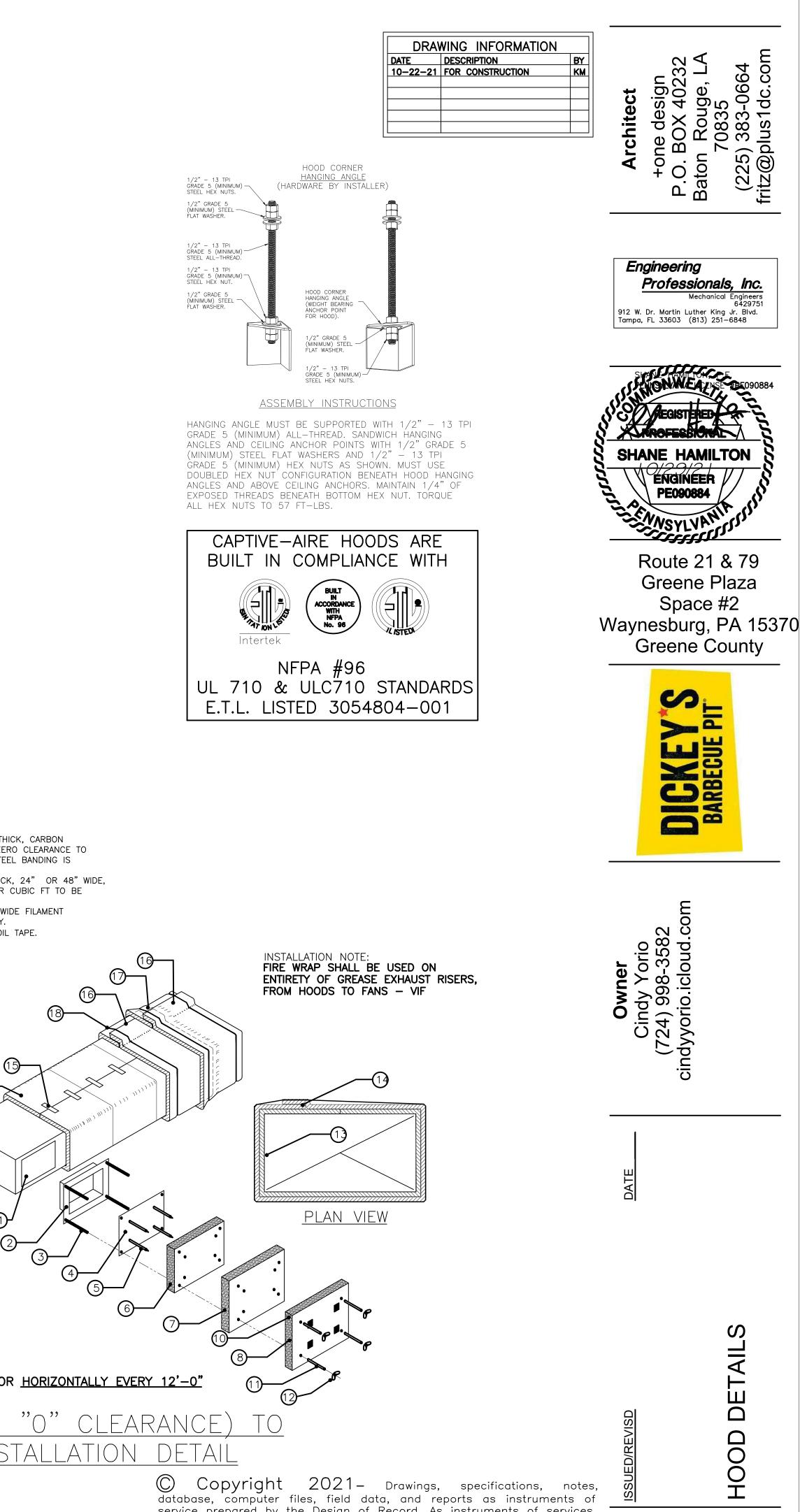
<u>1 HR. FIRE WRAP ("O" CLEARANCE)</u> <u>COMUSTIBLES – INSTALLATION DETAIL</u> NOT TO SCALE

 HOLD INTERIOR WRAP OF INSULATION USING 1" WIDE FIL TAPE (NO. 898) MANUFACTURED BY 3M COMPANY.
 SEAL CUT EDGES OF BLANKET WITH ALUMINUM FOIL TAPE.

 2. 3M FIRE BARRIER DUCT WRAP 615+, 1-1/2" THICK, 24" OR 48" WIDE, 300" STANDARD LENGTH (2 LAYERS) 6 LBS PER CUBIC FT TO BE UTILIZED.
 3. HOLD INTERIOR WRAP OF INSULATION USING 1" WIDE FILAMENT

STEEL FOR CONSTRUCTION REQUIREMENTS OF ZERO CLEARANCE TO COMBUSTIBLES OR 1 HR. RATINGS. STAINLESS STEEL BANDING IS USED FOR 2 HR. REQUIREMENTS. 2. 3M FIRE BARRIER DUCT WRAP 615+. 1–1/2" THICK. 24" OR 48" WI

NOTES: 1. BANDING MATERIAL, 3/4" WIDE, MINIMUM 0.015" THICK, CARBON STEEL FOR CONSTRUCTION REQUIREMENTS OF ZERO CLEARANC



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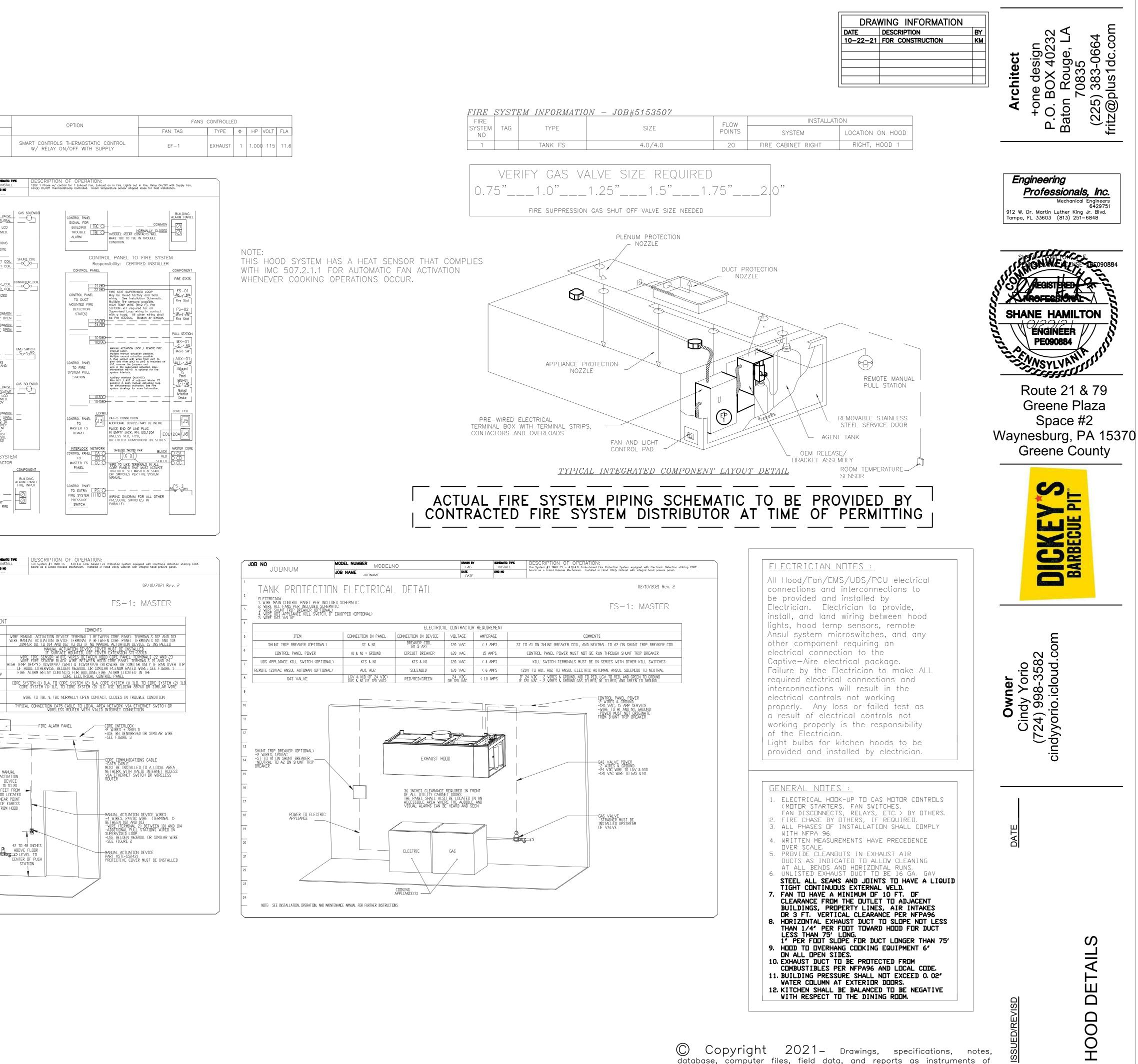
M3.00

	JOBI	NUM			DATE	
J	DB NO		MODEL NUMBER MODELN	10	DRAWN BY CAS	SCHEM
				HOOD # 1	1 FA	N
1		SC-110110M4	A UTILITY CABINET RIGHT	04 – UTILITY CABINET RIGHT	1 LIGH	ΗT
				LOCATION	QUANTI	ΤY
NO	TAG	PACKAGE #	LOCATION	SWITCH	ES	
<u>ELI</u>	<u>ECTRICAL</u>	PACKAGE	<i>_ J0B#5153507</i>			

BREAKER PANEL TO PRIMARY ( Responsibility: Electri BREAKER SIZE SHOWN IS THE MA REAKER 1PH 120 V 15 A CONTROL POWER. DO NO TO GFCI OR SHUNT TRIP BREAKER. IST HOOD LIGHT BREAKER SHARED CONTROL POWER. SWITCH #1 BREAKER 1PH 	cian XIMUM ALLOWED PRIMARY CONTROL PAN Het Neutral Ground T WIRE	CONTROL PANEL SIGNAL FOR N	ONLY ENERGIZED ONLY ENERGIZED HMI WHEN FIRE THE FOLLOWING MAY OR M. REQUIRED BASE	
Responsibility: Electri BREAKER SIZE SHOWN IS THE MA IREAKER IPH 120 V 15 A CONTROL POWER. DO NO TO GFCI OR SHUNT TRIP BREAKER IPH IST HOOD LIGHT BREAKER SHARED CONTROL POWER. SWITCH #1 BREAKER IPH CONTROL PANEL TO Responsibility: Electri	cian XIMUM ALLOWED PRIMARY CONTROL PAN Hot Ground T WIRE	EL	ONLY ENERGIZED ONLY ENERGIZED HMI WHEN FIRE THE FOLLOWING MAY OR M. REQUIRED BASE	NEUTR/
BREAKER SIZE SHOWN IS THE MA	XIMUM ALLOWED PRIMARY CONTROL PAN Hot Ground T WIRE W/ Hot Neutral Organia	EL GAS VALVE 120V ONLY CONTROL PANEL SIGNAL FOR N EXTERNAL	ONLY ENERGIZED HMI WHEN FIRE THE FOLLOWING MAY OR M. REQUIRED BASE	
BREAKER 1PH 120 V 15 A CONTROL POWER. DO NO TO GFCI OR SHUNT TRIP BREAKER. 1ST HOOD LIGHT BREAKER SHARED CONTROL POWER. SWITCH #1 BREAKER 1PH	Het - O H1 Neutral - O H1 Ground - O N1 T WIRE - O CND W/	CONTROL PANEL SIGNAL FOR N	MAY OR M. REQUIRED BASE	
120 V 15 A CONTROL POWER. DO NO TO GFCI OR SHUNT TRIP BREAKER. 19H V MCA: A WOCP: A CAS1 CONTROL PANEL TO Responsibility: Electri	Neutral       Ground       T WIRE       W/	SIGNAL FOR N EXTERNAL	REQUIRED BASE	CONNECTIONS
TO CFCI OR SHUNT TRIP BREAKER. 1ST HOOD LIGHT BREAKER SHARED CONTROL POWER. SWITCH #1 	W/	SIGNAL FOR N EXTERNAL	51 2011	D ON JOBSITE
CONTROL POWER. SWITCH #1	Hot DL1	EXTERNAL		<u>r to</u> s <u>hunt coi</u> Rom shunt coi
CA: A CAS1 CAS1 CONTROL PANEL TO Responsibility: Electri	Ground	SHUNT TRIP	ST TERMINAL IS	
CONTROL PANEL TO Responsibility: Electri		CONTROL PANEL		<u>_CONTACTOR_COI</u>
Responsibility: Electri PRIMARY PANEL		SIGNAL FOR N EXTERNAL CONTACTOR COIL	KS TERMINAL IS	DE-ENERGIZED
Responsibility: Electri PRIMARY PANEL				
Responsibility: Electri	FANS	DRY CONTACT		COMMO NORMALLY_OPE
	cian	ON/OFF WITH SE SUPPLY FAN SF GROUP 1	20	COMMO NORMALLY OPE
oad Wiring	FAN:		JZO SPARE CONTACTS W COMMON TO NORMA WHEN SUPPLY FAN	LLY OPEN IS ON.
C1 T2 Leg 2 / NEUTRAL	HP:		<u>10</u> – – –	
O STARTER	WIRE TO DISCONNECT		10 SIGNAL SWITCH TH WILL ACTIVATE ZOI LIGHTS	
		SWITCH		
CONTROL PANEL TO ACCES	SORY ITEMS	CONTROL PANEL 3	<u>50</u> <u>Posit</u> i	VE TO GAS VALV
Responsibility: Electri	cian	TO N GAS VALVE	DO ONLY ENERGIZED HMI WHEN FIRE (NOT NEEDED IF	NEGATIV THROUGH LCD SYSTEM ARMED.
CONTROL PANEL		24V DC ONLY	(NOT NEEDED IF GAS VALVE).	
TO LALL SWITCHES FACTORY WI	RED	CONTROL PANEL C SPARE FIRE AF	2 OH	NORMALLY OPE
SWITCHES		SYSTEM DRY CONTACT	ARE CONTACTS W AR2 WHEN SYSTEM ARE USED TO DISAE OR PROVIDE SIGNAL BUILDING FIRE ALAR	S. (NUL FOR M WHICH MUST
DNTROL PANEL B1 O			BUILDING FIRE ALAR BE WIRED DIRECTLY ALARM INITIATING SU IN ANSUL AUTOMAN	TO THE ANSUL
HOOD LIGHTS GND O WIRE TO J-BOX ON TOP O	GREEN		JTROL PANEL TO	
 INTROL PANEL		Re	esponsibility: ALARN	
TO TIBO WIRE TO CONTROL BOARD. TCHEN TEMP SENSOR IN ROOM AWAY FF SENSOR SOURCES. DO NOT INSTALL	ROM HEAT	CONTROL PANE		
ON THE CEILING GRID, SEE		CONTROL PANEL	J9	
DNTROL PANEL T2A C TO T2B C FACTORY WIRED TEMPERATU APTURE VOLUME SENSOR MOUNTED IN HOC		SIGNAL FOR BUILDING FIRE ALARM	AL1	
SENSOR VOLUME SENSOR VOLUME.			WIRE DIRECTLY TO BOARD. AL1 WILL M CONDITION.	
	JOB NAME JOBNAME	ELNO	DRAINN DY Cas Date Date	SCHEMATIC Insta DWG NO 
TANK PROTECTIO	 \	TAGE DETAT		
				270
ALARM CONTRACTOR: 1. WIRE MANUAL ACTUATION DEVICE(S), RE 2. COMPLETE FINAL HODKUP OF SYSTEM 3. VERIFY FINAL FIRE SYSTEM TEST	mule rikestat(S), CURE [N]	TERLUUK(S), FIRE SENSUR(S) A	NU FIKE ALAKM CUNTA	-19
			CONTRACTOR REG	
ITEM	CONNECTION IN PANEL			
				AMPERAGE
MANUAL ACTUATION DEVICE(S)	101 AND 104 102 AND 103	1 & 2	24 VDC	AMPERAGE < 1.0 AMPS
MANUAL ACTUATION DEVICE(S) MANUAL ACTUATION DEVICE COVER	101 AND 104 102 AND 103 N/A	1 & 2 N/A	24 VDC N/A	
	102 AND 103		N/A	< 1.0 AMPS
MANUAL ACTUATION DEVICE COVER	102 AND 103 N/A 21 AND 24	N/A	N/A 24 VDC	< 1.0 AMPS
MANUAL ACTUATION DEVICE COVER REMOTE FIRESTAT SENSOR(S)	102 AND 103 N/A 21 AND 24 22 AND 23	N/A BLACK AND WHITE	N/A 24 VDC 50V MAX	< 1.0 AMPS N/A < 1.0 AMPS H JP TD 1 AMP
MANUAL ACTUATION DEVICE COVER REMOTE FIRESTAT SENSOR(S) FIRE ALARM CONTACT	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2	N/A BLACK AND WHITE VARIES	N/A           24 VDC           50V MAX (AC/DC)           RS-485 CDMMUNIC	< 1.0 AMPS N/A < 1.0 AMPS H JP TD 1 AMP
MANUAL ACTUATION DEVICE COVER REMOTE FIRESTAT SENSOR(S) FIRE ALARM CONTACT CORE INTERLOCK(S)	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC	N/A BLACK AND WHITE VARIES ILA, ILB, ILC	N/A 24 VDC 50V MAX (AC/DC) RS-485 CDMMUNIC SIGNAL	< 1.0 AMPS N/A < 1.0 AMPS ( 1.0 AMPS H ATIONS
MANUAL ACTUATION DEVICE COVER REMOTE FIRESTAT SENSOR(S) FIRE ALARM CONTACT CORE INTERLOCK(S) TROUBLE CONTACT CORE COMMUNICATIONS CABLE ELEE ALARM CONTACT	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES	N/A 24 VDC 50V MAX (AC/DC) RS-485 CDMMUNIC SIGNAL MAX 120 VAC	( 1.0 AMPS     N/A           N/A         I            1.0 AMPS         H            ID         1 AMP            ATIONS         H            AMPS         H
MANUAL ACTUATION DEVICE COVER REMOTE FIRESTAT SENSOR(S) FIRE ALARM CONTACT CORE INTERLOCK(S) TROUBLE CONTACT CORE COMMUNICATIONS CABLE FIRE ALARM CONTACT -2 WIRES WIRED TO NORMALLY OPEN CONTACTS (CLOSES IN FIRE CONTION)	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES	N/A 24 VDC 50V MAX (AC/DC) RS-485 CDMMUNIC SIGNAL MAX 120 VAC	( 1.0 AMPS     N/A           N/A         I            1.0 AMPS         H            ID         1 AMP            ATIONS         H            AMPS         H
MANUAL ACTUATION DEVICE COVER REMOTE FIRESTAT SENSOR(S) FIRE ALARM CONTACT CORE INTERLOCK(S) TROUBLE CONTACT CORE COMMUNICATIONS CABLE EIPE ALARM CONTACT	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES	N/A 24 VDC 50V MAX (AC/DC) RS-485 CDMMUNIC SIGNAL MAX 120 VAC	( 1.0 AMPS     N/A           N/A         I            1.0 AMPS         H            ID         1 AMP            ATIONS         H            AMPS         H
MANUAL ACTUATION DEVICE COVER REMOTE FIRESTAT SENSOR(S) FIRE ALARM CONTACT CORE INTERLOCK(S) TROUBLE CONTACT CORE COMMUNICATIONS CABLE FIRE ALARM CONTACT -2 WIRES WIRED TO NORMALLY DPEN CONTACTS (CLOSES IN FIRE CONTITION) -CORE CONTROL PANEL AL1 AND AL2 -SEE FIGURE 2	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES	N/A 24 VDC 50V MAX (AC/DC) RS-485 CDMMUNIC SIGNAL MAX 120 VAC	( 1.0 AMPS     N/A           N/A         I            1.0 AMPS         H            ID         1 AMP            ATIONS         H            AMPS         H
MANUAL ACTUATION DEVICE COVER REMOTE FIRESTAT SENSOR(S) FIRE ALARM CONTACT CORE INTERLOCK(S) TROUBLE CONTACT CORE COMMUNICATIONS CABLE FIRE ALARM CONTACT -2 WIRES WIRED TO NORMALLY DEFN CONTACTS (CLOSES IN FIRE CONTROL PANEL AL1 AND AL2 -SEE FIGURE 2 TROUBLE CONTACT -2 WIRES TO NORMALLY DEFN CONTACTS (CLOSE IN TROUBLE CONTACT -2 WIRES TO NORMALLY DEFN CONTACTS (CLOSE	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES	N/A 24 VDC 50V MAX (AC/DC) RS-485 CDMMUNIC SIGNAL MAX 120 VAC	( 1.0 AMPS     N/A           N/A         I            1.0 AMPS         H            ID         1 AMP            ATIONS         H            AMPS         H
MANUAL ACTUATION DEVICE COVER         REMOTE FIRESTAT SENSOR(S)         FIRE ALARM CONTACT         CORE INTERLOCK(S)         TROUBLE CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         -2 WIRES WIRED TO NORMALLY         DPEN CONTACT (CLOSES IN FIRE CONTROL PANEL ALI AND AL2         -SEE FIGURE 2         TROUBLE CONTACT         -2 WIRES TO NORMALLY	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES	N/A 24 VDC 50V MAX (AC/DC) RS-485 CDMMUNIC SIGNAL MAX 120 VAC	< 1.0 AMPS N/A < 1.0 AMPS H P TO 1 AMP ATIONS UP TO 6 AMPS <(10 AMPS
MANUAL ACTUATION DEVICE COVER         REMOTE FIRESTAT SENSOR(S)         FIRE ALARM CONTACT         CORE INTERLOCK(S)         TROUBLE CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         - CURE CONTACTS         - WIRES WIRED TO NORMALLY         DEEN CONTACTS         - SUBLE CONTITION         - CORE CONTACTS         - SEE FIGURE 2         TROUBLE CONTACT         - SEE FIGURE 2         TROUBLE CONTACT         - CORE PANEL TERMINALS         TBL AND TBC         - SEE FIGURE 4         SUPERVISED LOOP	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES INTERNET CONNECTION	N/A 24 VDC 50V MAX (AC/DC) RS-485 CEMMUNIC SIGNAL MAX 120 VAC SIGNAL	< 1.0 AMPS  N/A  ( 1.0 AMPS  (
MANUAL ACTUATION DEVICE COVER         REMOTE FIRESTAT SENSOR(S)         FIRE ALARM CONTACT         CORE INTERLOCK(S)         TROUBLE CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         -2 WIRES WIRED TO NORMALLY         DPEN CONTACTS         -2 WIRES WIRED TO NORMALLY         DFOR CONTACTS         -2 WIRES WIRED TO NORMALLY         DPEN CONTACTS         -2 WIRES WIRED TO NORMALLY         DPEN CONTACT         -2 WIRES TO NORMALLY         DPEN CONTACTS         -2 WIRES TO NORMALLY         DPEN CONTACTS         -2 WIRES TO NORMALLY         DPEN CONTACTS         -2 WIRES TO NORMALLY         DPEN CONTACT         -2 WIRES TO NORMALLY         DPEN CONTACT         -2 WIRES TO NORMALLY         DPEN CONTACT         -2 WIRES TO NORMALLY         DFEN CONTACT         -2 WIRES TO NORMALY         DFEN CONT	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES	N/A 24 VDC 50V MAX (AC/DC) RS-485 CEMMUNIC SIGNAL MAX 120 VAC SIGNAL	( 1.0 AMPS       N/A       ( 1.0 AMPS       H       P TO 1 AMP       ATIONS       UP TO 6       AMPS       (1.0 AMPS       UP TO 6       AMPS       ( 1.0 AMPS       IO TO 6       MAND       IO TO 1       MAND       ACTUA       DEF       IO TO 1       NCEAR
MANUAL ACTUATION DEVICE COVER         REMDTE FIRESTAT SENSOR(S)         FIRE ALARM CONTACT         CORE INTERLOCK(S)         TROUBLE CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         -2 WIRES WIRED TO NORMALLY         DPEN CONTACT         -2 WIRES WIRED TO NORMALLY         DPEN CONTACT         -2 WIRES TO NORMALLY         DPEN CONTACT         -2 WIRES TO NORMALLY         DPEN CONTROL PANEL ALI         AND AL2         -SEE FIGURE 2         TROUBLE CONTACT         -2 WIRES TO NORMALLY         DPEN CONTACT         -2 WIRES TO NORMALLY         CONNECT WHITE (CIR RED) WIRES         BETWE	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES INTERNET CONNECTION	N/A 24 VDC 50V MAX (AC/DC) RS-485 CEMMUNIC SIGNAL MAX 120 VAC SIGNAL	< 1.0 AMPS N/A < 1.0 AMPS H P TD 1 AMP ATIONS UP TD 6 AMPS UP TD 6 AMPS   (1.0 AMPS
MANUAL ACTUATION DEVICE COVER         REMOTE FIRESTAT SENSOR(S)         FIRE ALARM CONTACT         CORE INTERLOCK(S)         TROUBLE CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         -2 WIRES WIRED TO INDEMALLY         DEPN CONTACTS (CLOSES IN)         FIRE CONTACTS (CLOSES IN)         -CORE CONTROL PANEL ALI         AND AL2         -SEE FIGURE 2         TROUBLE CONTACT         -SEE FIGURE 2         TROUBLE CONTACT         -SEE FIGURE 4         SUPERVISED LOOP         -4 WIRES, 24/DC CONTECT BLACK         VIRES BETWEEN 21 AND 24 IN PANEL,         CONFECT WHITE (OR RED) VIRES         BETWEEN 22 AND 23 IN PANEL,         CONTECT WHITE (OR RED) VIRES         BETWEEN 24 AND 24 IN PANEL,         CONFECT WHITE (OR RED) VIRES         BETWEEN 25 AND 23 IN PANEL,         CONFECT WHITE (OR RED) WIRES         BETWEEN 26 AND 27 IN PANEL         AND PANEL DOP         -USE HIGH TEMP (94227B (BLK)WIRE DNLY         FE AND UPER TOP (94227B) #CW04227         (WHT) & #CW04227B (BLK)WIRE DNLY	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES INTERNET CONNECTION	N/A 24 VDC 50V MAX (AC/DC) RS-485 CEMMUNIC SIGNAL MAX 120 VAC SIGNAL	< 1.0 AMPS N/A < 1.0 AMPS JP TD 1 AMP ATIDNS UP TD 6 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS DP TD 1 AMP ATUM ATUM DF EET HDDD LI NEAR DF EET HDDD LI DF EET
MANUAL ACTUATION DEVICE COVER         REMDTE FIRESTAT SENSOR(S)         FIRE ALARM CONTACT         CORE INTERLOCK(S)         TROUBLE CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         -2 WIRES WIRED TO NOBMALLY         DPEN CONTACT         -2 WIRES WIRED TO NOBMALLY         DPEN CONTACT         -2 WIRES TO NORMALLY         DPEN CONTACTS         -2 WIRES TO NORMALLY         DPEN CONTACT         -2 WIRES TO NORMALLY         DPEN CONTACT         -2 WIRES TO NORMALLY         DPEN CONTACT         -2 WIRES AND ARC         -3 WIRES AND ARC         -3 SUPERVISED LOOP         -4 WIRES, 24 VDC CONNECT BLACK         WIRES BETWEEN 2 AND 23 IN PANEL <t< td=""><td>102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK</td><td>N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES INTERNET CONNECTION</td><td>N/A 24 VDC 50V MAX (AC/DC) RS-485 CEMMUNIC SIGNAL MAX 120 VAC SIGNAL</td><td>&lt; 1.0 AMPS N/A &lt; 1.0 AMPS JP TD 1 AMP ATIDNS UP TD 6 AMPS &lt;1.0 AMPS &lt;1.0 AMPS &lt;1.0 AMPS &lt;1.0 AMPS &lt;1.0 AMPS DP TD 1 AMP ATUM ATUM DF EET HDDD LI NEAR DF EET HDDD LI DF EET</td></t<>	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES INTERNET CONNECTION	N/A 24 VDC 50V MAX (AC/DC) RS-485 CEMMUNIC SIGNAL MAX 120 VAC SIGNAL	< 1.0 AMPS N/A < 1.0 AMPS JP TD 1 AMP ATIDNS UP TD 6 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS DP TD 1 AMP ATUM ATUM DF EET HDDD LI NEAR DF EET HDDD LI DF EET
MANUAL ACTUATION DEVICE COVER         REMDTE FIRESTAT SENSOR(S)         FIRE ALARM CONTACT         CORE INTERLOCK(S)         TROUBLE CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         -2 WIRES WIRED TO NORMALLY         DEPN CONTACT         -2 WIRES WIRED TO NORMALLY         DEVEN CONTACT         -2 WIRES TO NORMALLY         DEPN CONTACT         -2 WIRES CONTACT         -2 SEE FIGURE 4         SUPERVISED LOOP         -4 WIRES CAPUE CONNECT BLACK         WIRES TOR NORMALLY         CONNECT WHITE	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES INTERNET CONNECTION	N/A 24 VDC 50V MAX (AC/DC) RS-485 CEMMUNIC SIGNAL MAX 120 VAC SIGNAL	< 1.0 AMPS N/A < 1.0 AMPS JP TD 1 AMP ATIDNS UP TD 6 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS DP TD 1 AMP ATUM ATUM DF EET HDDD LI NEAR DF EET HDDD LI DF EET
MANUAL ACTUATION DEVICE COVER         REMOTE FIRESTAT SENSOR(S)         FIRE ALARM CONTACT         CORE INTERLOCK(S)         TROUBLE CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         -2 WIRES WIRED TO NORMALLY         DEEN CONTACT         -2 WIRES WIRED TO NORMALLY         DEEN CONTACT         -2 WIRES TO NORMALLY         DEEN CONTACT CLOSES IN         FILE         NORMALY         DEEN CONTACT         -2 WIRES TO NORMALLY         DEP CONTACT CLOSES IN         -2 WIRES CONTACT         -2 WIRES CONTACT         -2 WIRES ADDE CONNECT BLACK         VIESE DELOP         -4 WIRES CLORE AND RE         SUPERVISED LOOP         -4 WIRES CLORE AND RE	T	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES INTERNET CONNECTION	N/A 24 VDC 50V MAX (AC/DC) RS-485 CEMMUNIC SIGNAL MAX 120 VAC SIGNAL	< 1.0 AMPS N/A < 1.0 AMPS JP TD 1 AMP ATIDNS UP TD 6 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS DP TD 1 AMP ATUM ATUM DF EET HDDD LI NEAR DF EET HDDD LI DF EET
MANUAL ACTUATION DEVICE COVER         REMOTE FIRESTAT SENSOR(S)         FIRE ALARM CONTACT         CORE INTERLOCK(S)         TROUBLE CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         -2 WIRES WIRED TO NORMALLY         DPEN CONTACT         -2 WIRES WIRED TO NORMALLY         DPEN CONTACT         -2 WIRES WIRED TO NORMALLY         DPEN CONTACT         -2 WIRES TO NORMALLY         DPEN CONTACT         -2 SEE FIGURE 2         TROUBLE CONTACT         -2 WIRES TO NORMALLY         DPEN CONTACT         -2 WIRES TO NORMALLY         DPEN CONTACT         -2 SEE FIGURE 1         SUPERVISED LOOP         -4 WIRES CLEARANCE REDUNCT BLACK         WIRES & ALDEN HER         -3 DITIDANAL FIRESTATS, WIRE DIN	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK RJ-45 Jack	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES INTERNET CONNECTION	N/A 24 VDC 50V MAX (AC/DC) RS-485 CEMMUNIC SIGNAL MAX 120 VAC SIGNAL	< 1.0 AMPS N/A < 1.0 AMPS JP TD 1 AMP ATIDNS UP TD 6 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS DP TD 1 AMP ATUM ATUM DF EET HDDD LI NEAR DF EET HDDD LI DF EET
MANUAL ACTUATION DEVICE COVER         REMOTE FIRESTAT SENSOR(S)         FIRE ALARM CONTACT         CORE INTERLOCK(S)         TROUBLE CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         -2 WIRES WIRED TO NORMALLY         DPEN CONTACTS         -2 WIRES WIRED TO NORMALLY         DPEN CONTACTS         -2 WIRES WIRED TO NORMALLY         DPEN CONTACTS         -2 WIRES TO NORMALLY         DPEN CONTACTS         -CORE CONTACT	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK RJ-45 Jack	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES INTERNET CONNECTION EXHAUS	N/A 24 VDC S0V MAX (AC/DC) RS-485 CDMMUNIC MAX 120 VAC SIGNAL MAX 120 VAC T HODD	< 1.0 AMPS N/A < 1.0 AMPS JP TD 1 AMP ATIDNS UP TD 6 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS DP TD 1 AMP ATUM ATUM DF EET HDDD LI NEAR DF EET HDDD LI DF EET
MANUAL ACTUATION DEVICE COVER         REMOTE FIRESTAT SENSOR(S)         FIRE ALARM CONTACT         CORE INTERLOCK(S)         TROUBLE CONTACT         CORE COMMUNICATIONS CABLE         FIRE ALARM CONTACT         -2 WIRES WIRED TO NORMALLY         DEEN CONTACT (CLOSES IN)         FIRE CONTACT (CLOSES IN)         -CORE CONTACT (CLOSE)         -CORE PARLE TERMIALS         TBUBLE CONTACT (CLOSE)         -CORE PARLE TERMIALS         TBL AND TBC         -SEE FIGURE 4         SUPERVISED LOOP         -4 WIRES, 24VDC CONNECT BLACK         WIRES BETWEEN 22 AND 23 IN PANEL         -SDETWEEN 22 AND 23 IN PANEL         -SDETWEEN 22 AND 23 IN PANEL         -ODRE MIDE (GA2*F) #CW04427         -URE HIGH TEMP (GA2*F) #CW04427         -URE SHALL PLENUM RATED WIRE         -SEE FIGURE 1         36 INCHES CLEARANCE REQUIRED IN FRON         D'HERWISE BELDEN #63200L DR         SIMILAR PLENUM RATED WIRE         -SEE FIGURE 1	102 AND 103 N/A 21 AND 24 22 AND 23 AL1, AL2 ILA, ILB, ILC TBC, TBL, TDK RJ-45 Jack	N/A BLACK AND WHITE VARIES ILA, ILB, ILC VARIES INTERNET CONNECTION EXHAUS	N/A 24 VDC S0V MAX (AC/DC) RS-485 CDMMUNIC MAX 120 VAC SIGNAL MAX 120 VAC T HODD	< 1.0 AMPS N/A < 1.0 AMPS JP TD 1 AMP ATIDNS UP TD 6 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS <1.0 AMPS DP TD 1 AMP ATUM ATUM DF EET HDDD LI NEAR DF EET HDDD LI DF EET

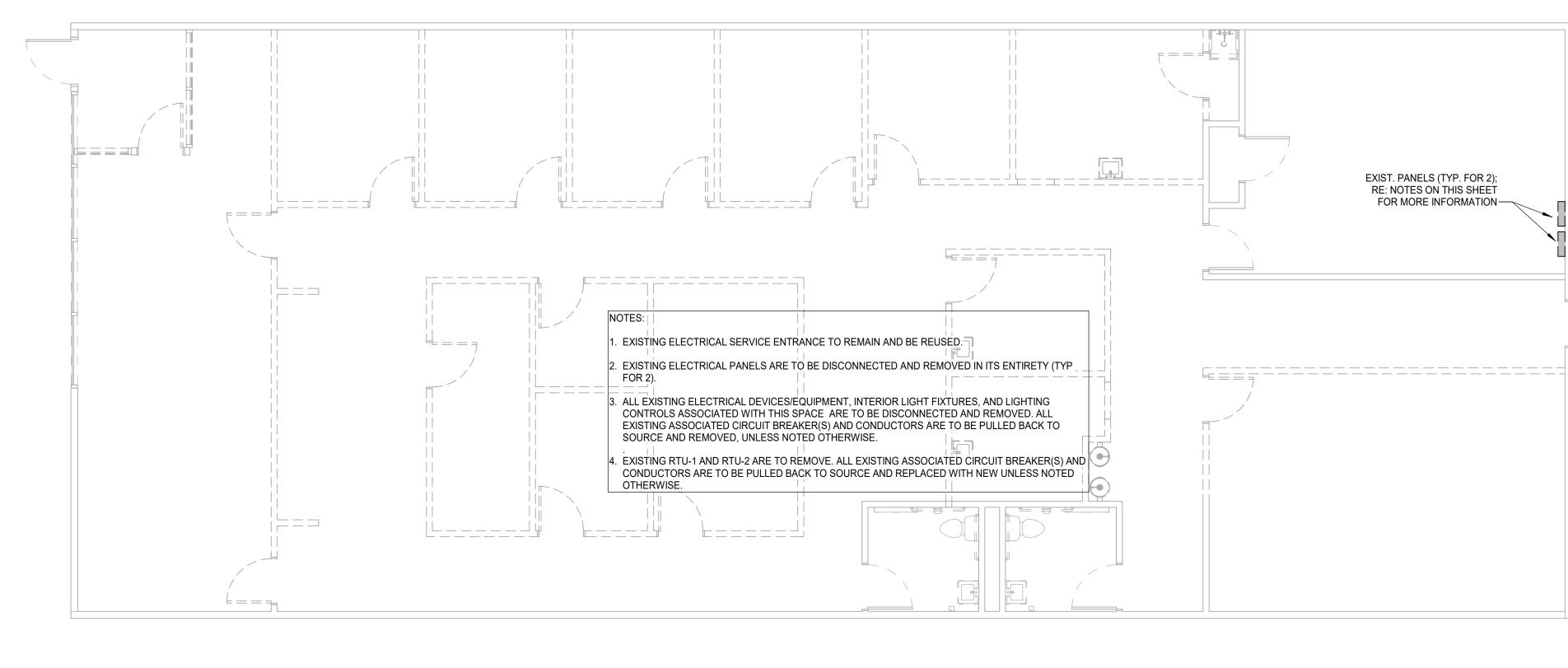
NDTE: SEE INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR FURTHER INSTRUCTIONS





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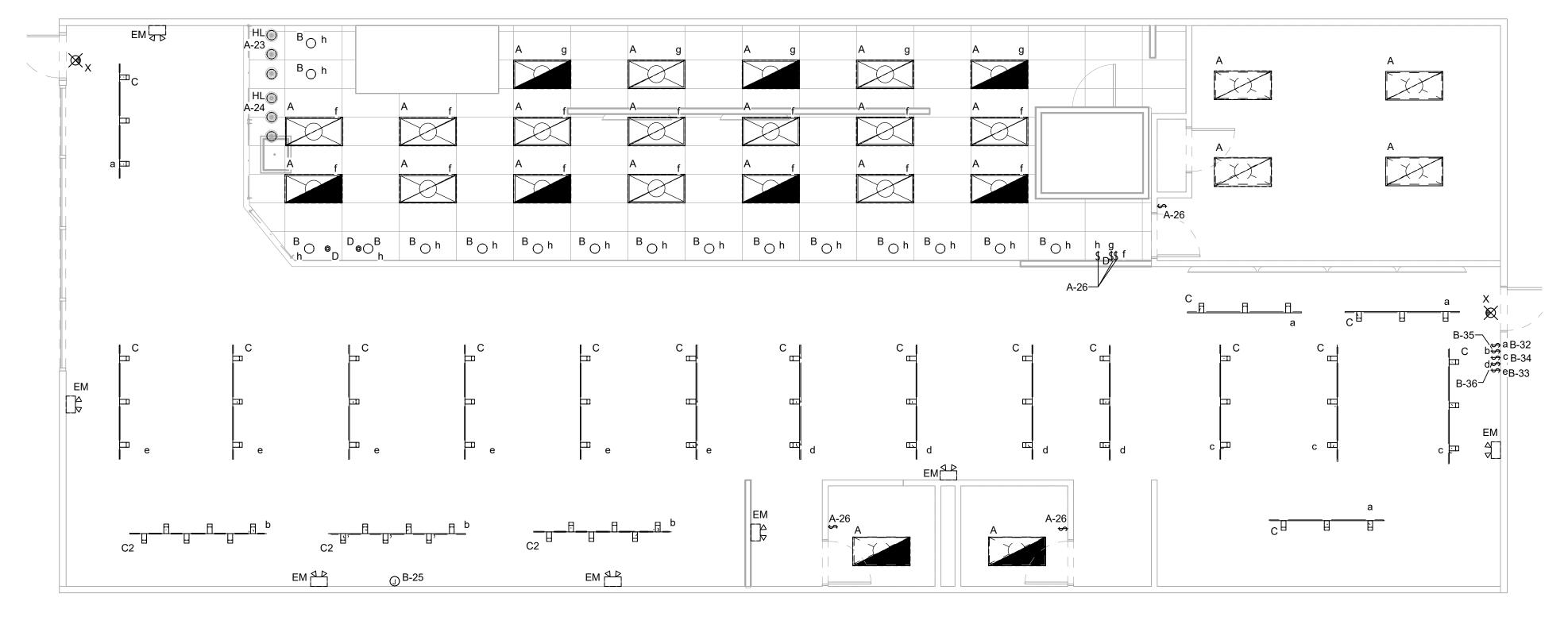
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ဖ σ Archite Ð (225) 383 fritz@plus\* σ one ). BC P.O. E Baton BRADLEY KALMANS ENGINEER 11/16/21 Route 21 & 79 Greene Plaza Space #2 Waynesburg, PA 15370 Greene County S **DICK** BARBECU  $\widehat{\mathbf{D}}$ E1.00

		LIGHTI		TURE	SCHEDULE	
MARK	MANUFACTURER & FIXTURE FAMILY	MOUNTING	NOMINAL WATTAGE	VOLTAGE	NOMINAL DELIVERED LUMENS	REMARKS
А	LITHONIA - 2BLT440LADSMEZ1LP835-EL14	RECESSED GRID	30.0 W	120 V	3922 lm	2X4 LED FLAT PANEL
В	CONTECH - RL38SA335KC12D/CTR3002	RECESSED	22.0 W	120 V	1600 lm	6" LED DOWNLIGHT WITH 0-10V DIMMING, SEMI-SPECULAR FINISH, AND MEDIUM DISTRIBUTION.
С	CONTECH - LT8B	TRACK	120.0 W	120 V	2250 lm	8' LINE VOLTAGE TRACK WITH END CAPS. PROVIDE WITH LA-2B MINI CONNECTOR AND LA-23-R-B-1 CIRCUIT END FEED CURRENT LIMITING DEVICE WITH 1' ATTACHED TRACK. PROVIDE EACH TRACK SYSTEM WITH REG1-B CIRCUIT BREAKER. PROVIDE EACH TRACK SYSTEM WITH (3) LED CYLINDER TRACK FIXTURES, BLACK FINISH (CONTECH - CTL8070F30-B). LUMENS LISTED AS TOTAL LUMENS PER TRACK SYSTEM.
C2	CONTECH - LT8B	TRACK	150.0 W	120 V	1000 lm	8' LINE VOLTAGE TRACK WITH END CAPS. PROVIDE WITH LA-2B MINI CONNECTOR AND LA-23-R-B-1 CIRCUIT END FEED CURRENT LIMITING DEVICE WITH 1' ATTACHED TRACK. PROVIDE EACH TRACK SYSTEM WITH REG1-B CIRCUIT BREAKER. PROVIDE EACH TRACK SYSTEM WITH (6) LED CYLINDER
D	FOCAL POINT - FLCY3-RD-WHG-1000L-35K-1C-PC-LZ1- C72-DNT-NFL-CD-BK	PENDANT	20.0 W	120 V	1000 lm	LED ARCHITECTURAL CYLINDRICAL PENDANT. PROVIDE SUSPENSION HARDWARE AS REQUIRED.
EM	CONTECH - EL2HALEDEM-8	SURFACE	2.0 W	120 V		EMERGNECY LIGHTING UNIT WITH INTEGRAL BATTERY, (2) ADJUSTABLE LED HEADS, AND SELF DIAGNOSTICS.
HL	HATCO - DL-775-RTRBB-BK.1	PENDANT	250.0 W	120 V	0 lm	10.5" HEAT LAMP WITH RETRACTABLE CORD AND 120V 250W CLEAR, UNCOATED BULB. PROVIDE WITH TRACK MOUNT ADAPTER.
x	CONTECH - EXREM-P	WALL/CEILI NG	1.0 W	120 V		EXIT SIGN WITH RED LETTERS. PROVIDE WITH NUMBER OF FACES AND DIRECTIONAL ARROWS AS INDICATED.



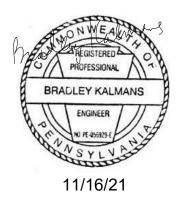
# ELECTRICAL LIGHTING PLAN NEW Scale: 3/16" = 1'-0"

LIGHTING FIXTURE SCHEDULE NOTES:

- 1. FIXTURES SHOWN ON THE FLOORPLAN HAVING A DESIGNATION OF "E" FOLLOWING THE BASE DESIGNATION (I.E. A FIXTURE TYPE "AE, C2E, FE") AND/OR A HALF SHADED REGION SHALL BE THE BASE FIXTURE TYPE EQUIPPED WITH THE APPROPRIATE BATTERY BACK-UP. BATTERY BACK-UPS SHALL BE INTEGRAL TO THE FIXTURE AND REMOTE SHALL BE SELECTED ONLY IN INSTANCES WHERE IT IS SPECIFIED OR WHEN IT IS THE ONLY AVAILABLE EMERGENCY OPTION. THE LOCATION OF REMOTE BATTERY BACKUPS SHALL BE SELECTED BY THE OWNER/ARCHITECT PRIOR TO INSTALLATION BY THE CONTRACTOR.
- 2. ALL REQUIRED TEST SWITCHES FOR THE BATTERY BACK-UPS SHALL BE INTEGRAL TO THE FIXTURE.
- 3. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOT INDICATED IN THE LIGHTING FIXTURE SCHEDULE. WHERE THERE IS AN INCONSISTENCY BETWEEN THE LIGHTING FIXTURE SCHEDULE AND THE SPECIFICATIONS, THE GREATER QUANTITY OR HIGHER QUALITY OF WORK SHALL BE INCLUDED IN THE PROPOSAL.
- 4. UNLESS OTHERWISE INDICATED ON THE SCHEDULE ABOVE, THE ARCHITECT/OWNER SHALL SELECT ALL FINISHES, COLORS, AND TRIMS.
- 5. ALL LED FIXTURE BOARDS AND DRIVERS SHALL BE OF THE LATEST GENERATION, BASED UPON THE INDIVIDUAL MANUFACTURER'S STATED LITERATURE. IF A "GEN 5" IS AVAILABLE, "GEN 4" FIXTURES ARE NOT ACCEPTABLE.
- 6. EXIT SIGNS AND EMERGENCY BATTERY BACK-UPS SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT AHEAD OF ALL SWITCHING AS REQUIRED TO MAINTAIN THE BATTERIES AT FULL CHARGE. THE CONTRACTOR SHALL PROVIDE ALL ADDITIONAL WIRING AS REQUIRED.
- 7. LIGHTING FIXTURE MANUFACTURERS OTHER THAN THOSE LISTED IN THE LIGHTING FIXTURE SCHEDULE AND DESIRING TO BID THIS PROJECT SHALL REQUEST PRIOR APPROVAL OF THE FIXTURES THEY WISH TO SUBSTITUTE. PRIOR APPROVAL REQUEST SHALL INCLUDE FIXTURE CUT SHEETS.
- 8. FOR PRIOR APPROVALS AND SUBMITTALS THAT DEVIATE FROM NOMINAL WATTAGE AND/OR DELIVERED LUMENS, IT SHALL BE UP THE ENGINEER'S SOLE DISCRETION TO APPROVE OR DECLINE THESE FIXTURES BASED ON ANY AND ALL FACTORS INCLUDING BUT NOT LIMITED TO INTENDED LIGHTING LEVELS FOR EACH SPACE AND IMPACT ON THE OVERALL ELECTRICAL POWER SYSTEM.
- 9. ALL LIGHTING SPECIFIED SHALL BE 3500K INTERIOR UNLESS NOTED OTHERWISE.
- 10. ALL LIGHTING SPECIFIED SHALL HAVE 80CRI MINIMUM UNLESS NOTED OTHERWISE. 11. THE CONTRACTOR SHALL PROVIDE ALL HARDWARE AND ACCESSORIES AS REQUIRED TO INSTALL FIXTURES IN LOCATIONS AS ILLUSTRATED
- WITH MOUNTING METHODS DESIRED.
- INSTALLATION. PROVIDE SUSPENSION HARDWARE IN LENGTHS AS REQUIRED.

12. WHEN A UNIVERSAL (120-277V) VOLTAGE OPTION IS AVAILABLE, IT SHALL BE PROVIDED. OTHERWISE PROVIDE AS INDICATED IN SCHEDULE. 13. FOR ALL SUSPENDED FIXTURES, COORDINATE THE EXACT MOUNTING ELEVATION ABOVE FINISHED FLOOR WITH ARCHITECT PRIOR TO

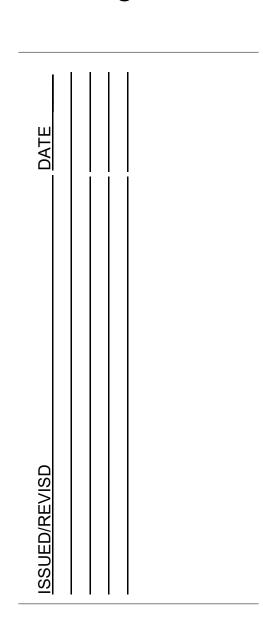
# -0664 8 +one design P.O. BOX 4023 Baton Rouge, I 70835 (225) 383-066 fritz@plus1dc.co Architect



# Route 21 & 79 Greene Plaza Space #2 Waynesburg, PA 15370 Greene County

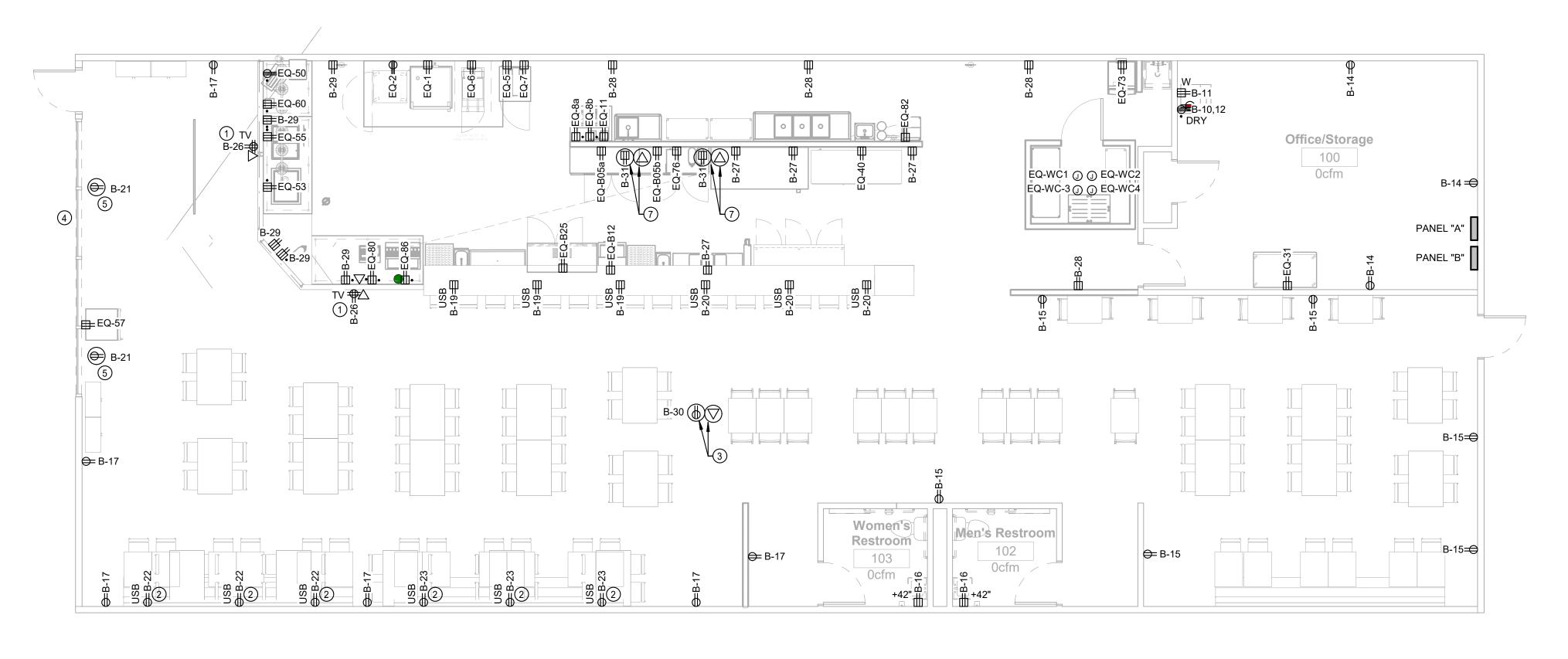


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	KITCH	EN EQ	UIPME	NT SCHEDULE	
MARK	DESCRIPTION	PANEL	CIRCUIT	REMARKS	
EQ-1	COMBI-OVEN	Α	9	PROVIDE RECEPTACLE FOR POWER.	
EQ-2	MOBLIE HEATED CABINET	Α	8,10	PROVIDE NEMA 5-15 RECEPTACLE FOR POWER.	
EQ-5	UNDERCOUNTER FREEZER	Α	12	PROVIDE NEMA 5-15 RECEPTACLE FOR POWER.	
EQ-6	DEEP FRYER	Α	13	3 PROVIDE RECEPTACLE FOR FRYER CONTRO POWER.	
EQ-7	FRENCH FRY WARMER	Α	17	PROVIDE NEMA 5-15 RECEPTACLE FOR POWER.	
EQ-8a	COUNTERTOP COOKTOP	Α	14	PROVIDE RECEPTACLE FOR POWER.	
EQ-8b	COUNTERTOP COOKTOP	Α	19	PROVIDE RECEPTACLE FOR POWER.	
EQ-11	ULTRA PAN CARRIER	Α	16	PROVIDE NEMA 5-15 RECEPTACLE FOR POWER.	
EQ-31	REACH-IN FREEZER	В	13	PROVIDE RECEPTACLE FOR POWER.	
EQ-40	REFRIGERATED DISPLAY CASE	Α	22	PROVIDE NEMA 5-15 RECEPTACLE FOR POWER.	
EQ-50	CONVEYOR TYPE TOASTER/GRILL	Α	1,3	PROVIDE NEMA 6-20 RECEPTACLE FOR POWER.	
EQ-53	REFRIGERATED COLD PANS	Α	5	PROVIDE RECEPTACLE FOR POWER.	
EQ-55	WARMER WITH AUTO WATER FILL	Α	4	PROVIDE RECEPTACLE FOR POWER.	
EQ-57	REFRIGERATOR MERCHANDISER	В	18	PROVIDE NEMA 5-15 RECEPTACLE FOR POWER.	
EQ-60	PORTION SCALE	Α	2	PROVIDE NEMA 5-15 RECEPTACLE FOR POWER.	
EQ-73	UNDERCOUNTER ICE MACHINE	Α	18	PROVIDE RECEPTACLE FOR POWER.	
EQ-76	TEA BREWER	Α	27	PROVIDE RECEPTACLE FOR POWER.	
EQ-80	POS SYSTEM	Α	6	PROVIDE RECEPTACLE FOR POWER.	
EQ-82	BAG-N-BOX	Α	21	PROVIDE RECEPTACLE FOR POWER.	
EQ-86	ICE COOLED DISPENSER	Α	7	PROVIDE RECEPTACLE FOR POWER.	
EQ-B05a	BACK BAR	Α	25	PROVIDE RECEPTACLE FOR POWER.	
EQ-B05b	BACK BAR	Α	20	PROVIDE RECEPTACLE FOR POWER.	
EQ-B12	BOTTLE COOLER	В	2	PROVIDE RECEPTACLE FOR POWER.	
EQ-B25	BEER DISPENSER	В	1	PROVIDE RECEPTACLE FOR POWER.	
EQ-WC1	WALK-IN COOLER CONDENSING UNIT	В	3,5,7	PROVIDE JUNCTION BOX FOR POWER.	
EQ-WC2	WALK-IN COOLER EVAPORATOR	В	4,6	PROVIDE JUNCTION BOX FOR POWER.	
EQ-WC4	WALK-IN COOLER ACCESSORIES	В	8	PROVIDE JUNCTION BOX FOR POWER.	
EQ-WC-3	WALK-IN COOLER ACCESSORIES	В	9	PROVIDE JUNCTION BOX FOR POWER.	



# 1 ELECTRICAL CONSTRUCTION PLAN Scale: 3/16" = 1'-0"

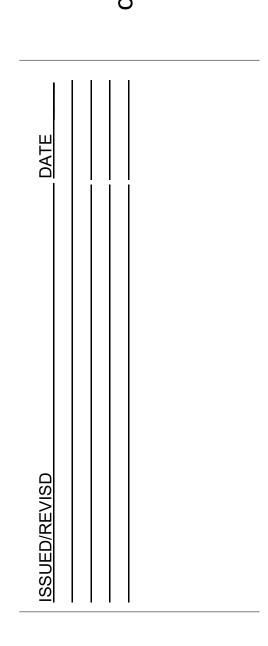
# **ELECTRICAL KEYED NOTES**

- 1 PROVIDE (1) RECEPTACLE AND (1) DATA OUTLET MOUNTED AT 8'-0" AFF FOR MONITOR POWER. DEVICE AND COVERPLATE SHALL BE BLACK. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
- 2 RECEPTACLE TO BE MOUNTED BELOW TABLE HEIGHT; COORDINATE EXACT MOUNTING HEIGHT W/ ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
- 3 PROVIDE (1) CEILING MOUNTED RECEPTACLE AND (1) CEILING MOUNTED DATA OUTLET FOR WIRELESS ACCESS POINT; DEVICE AND COVERPLATE SHALL BE BLACK.
- PROVIDE JUNCTION BOX FOR SIGNAGE; FIELD COORDINATION EXACT LOCATION AND INSTALLATION REQUIREMENTS WITH SIGN SUPPLIER PRIOR TO BEGINNING CONSTRUCTION.
- (5) ALL SHOW WINDOW (SW) RECEPTACLES; CEILING MOUNTED, DEVICES AND COVERPLATES SHALL BE BLACK.
- 6 PROVIDE A 600V, 60A, 2-POLE, 1Ø SINGLE MOTOR CONTROLLED TOGGLE SWITCH.
- PROVIDE (1) CEILING MOUNTED RECEPTACLE AND (1) CEILING MOUNTED DATA OUTLET MOUNTED AT 8'-0" AFF FOR MONITOR POWER. DEVICE AND COVERPLATE SHALL BE BLACK. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.

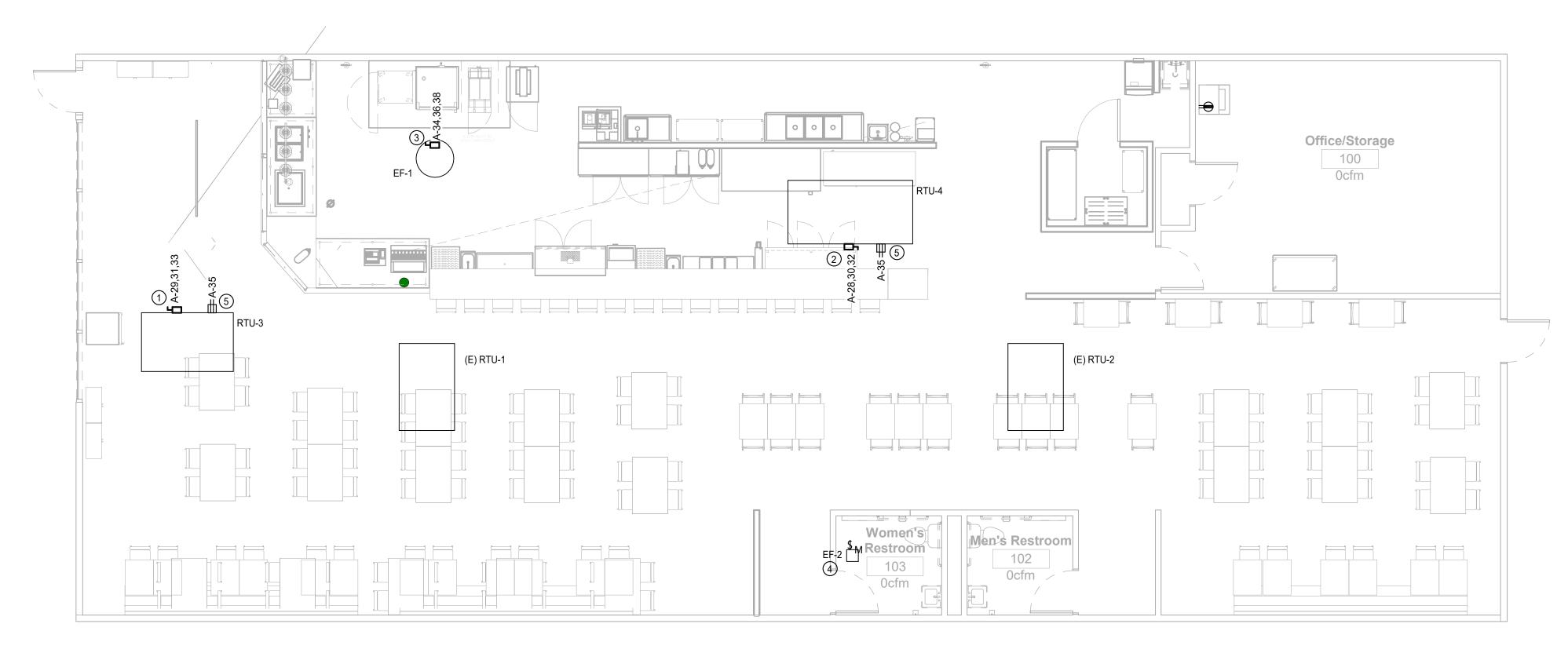
64 00 ge 51g 40 5 σ chite. Φ -3(225) 383 fritz@plus σ  $\cap$ one . BC P.O. E Baton A PROFESSIONA BRADLEY KALMANS ENGINEER 11/16/21 Route 21 & 79 Greene Plaza Space #2 Waynesburg, PA 15370 Greene County S BARBEC

**Owner** Cindy Yorio (724) 998-3582 cindyyorio.icloud.com

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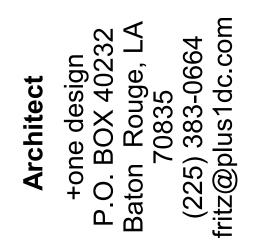


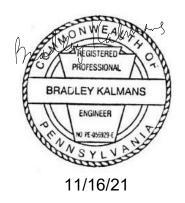


1 ELECTRICAL CONNECTIONS PLAN Scale: 3/16" = 1'-0"

# **ELECTRICAL KEYED NOTES**

- PROVIDE A 240V/3P/60A/NF NEMA 3R DISCONNECT FOR THE RTU-3.
   PROVIDE A 240V/3P/400A/NE NEMA 3B DISCONNECT
- PROVIDE A 240V/3P/100A/NF NEMA 3R DISCONNECT FOR THE RTU-4.
   PROVIDE A 240V/2P/30A/NF NEMA 3R DISCONNECT FOR THE EF-1.
- PROVIDE AN EXTERIOR RATED 20A MOTOR RATED SWITCH FOR THE EF-2. EF-2 TO BE INTERCONNECTED WITH THE RESTROOM LIGHTS.
- (5) INSTALL A WEATHER-PROOF GFCI RECEPTACLE IN A CLEAR IN-USE COVER.

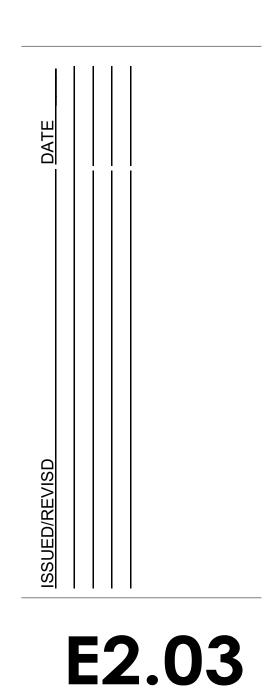




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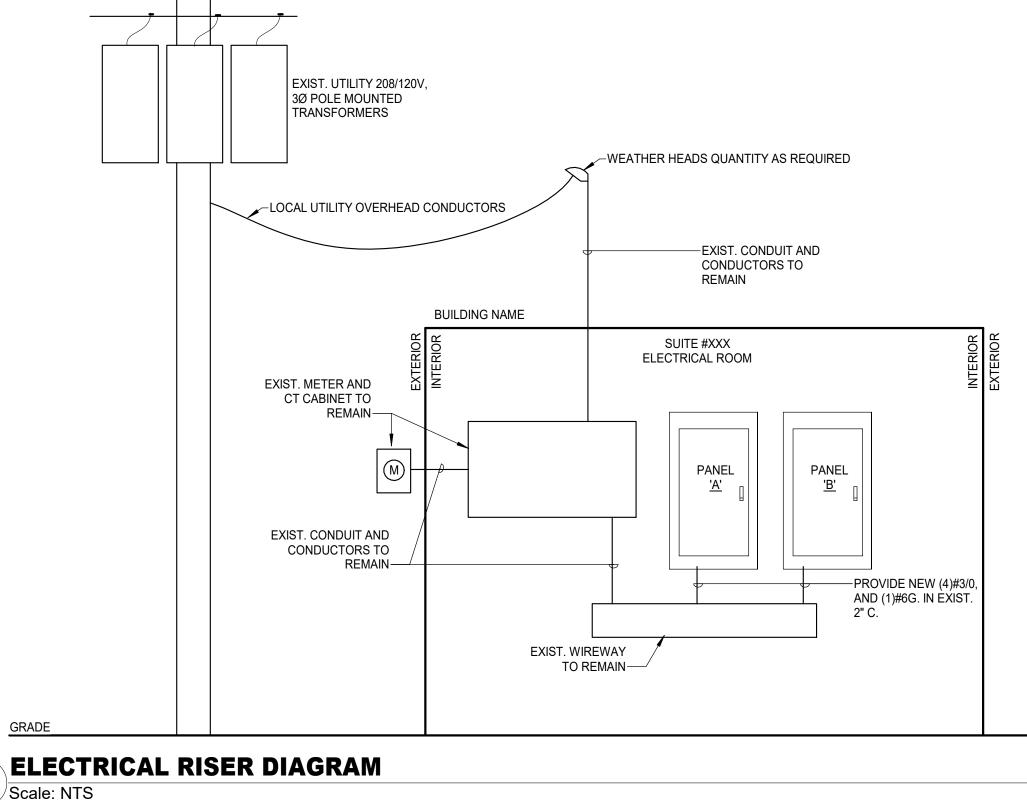


# **GENERAL DEMOLITION NOTES** (APPLIES TO ALL DEMO SHEETS):

- 1. ELECTRICAL CONTRACTOR SHALL REMOVE ELECTRICAL EQUIPMENT AS INDICATED BY KEY NOTES, AND AS REQUIRED BY SCOPE OF DEMOLITION WORK. REFER TO ARCHITECTURAL DRAWINGS FOR ALL WALLS DESIGNATED FOR REMOVAL AND PHASING OF THIS PROJECT AS TO TEMPORARY POWER ETC. TO MAINTAIN BUILDING OPERATIONS DURING DEMO AND CONSTRUCTION.
- 2. BEFORE ANY ELECTRICAL EQUIPMENT REMOVAL, IDENTIFY AND DISCONNECT POWER SUPPLY TO DEVICE.
- 3. REMOVE ALL RELATED LINE SIDE AND LOAD SIDE FEEDERS (RACEWAYS AND ELECTRICAL CABLES) IN THEIR ENTIRETY OF ANY EQUIPMENT INDICATED.
- 4. REMOVE OVERCURRENT PROTECTION DEVICE FOR EQUIPMENT INDICATED TO BE REMOVED UNLESS NOTED OTHERWISE.
- 5. ALL REMOVED EQUIPMENT IS PROPERTY OF OWNER AND SHALL BE STORED AT OWNER DESIGNATED LOCATION FOR INSPECTION. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF EQUIPMENT OWNER DOES NOT INTEND TO KEEP, STORE, OR REUSE.
- 6. REMOVE ALL ELECTRICAL, TELEPHONE, AND DATA OUTLETS/DEVICES IN WALLS DESIGNATED FOR DEMOLITION ON ARCHITECTURAL AND/OR ELECTRICAL PLANS. DEVICES AND OUTLETS MAY OR MAY NOT BE SHOWN ON DRAWINGS. REMOVE RELATED DEVICE AND FEEDER SERVING THE DEVICE.
- 7. WHERE EXISTING OUTLETS AND DEVICES (RECEPTACLES OR LIGHT FIXTURES) ARE TO REMAIN ACTIVE AND IN SERVICE SHARING SAME BRANCH CIRCUITS AS OUTLET (RECEPTACLE OR LIGHT FIXTURES) TO BE REMOVED, ELECTRICAL CONTRACTOR SHALL PULL NEW BRANCH CIRCUITS TO FEED EXISTING DEVICES AS NEEDED. THIS CONDITION HAS NOT BEEN IDENTIFIED ON ELECTRICAL DEMOLITION DRAWINGS. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY SUCH CONDITIONS.
- 8. LIGHT FIXTURES SHALL BE REMOVED AS INDICATED ON ARCHITECTURAL REFLECTED CEILING OR ARCHITECTURAL DEMOLITION PLANS. STORE ALL REMOVED FIXTURES AT OWNER DESIGNATED LOCATION. DISPOSE OF ALL FIXTURES AND LAMPS OWNER DOES NOT INTEND TO REUSE OR KEEP. REMOVE ALL RELATED BRANCH CIRCUITING, WIRING, SWITCHES, OVER CURRENT PROTECTION DEVICES, AND ALL OTHER RELATED ELECTRICAL ITEMS AS REQUIRED WHERE NOT REUSED.
- 9. COORDINATE ARCHITECTURAL REQUIREMENTS FOR EXISTING CEILING GRID SYSTEM. ELECTRICAL CONTRACTOR SHALL PRESERVE AND PROTECT CEILING TILES AND SUPPORTING T'S WHILE REMOVING ELECTRICAL COMPONENTS FROM ABOVE ANY LAY-IN CEILING AS REQUIRED.
- 10. REMOVE ALL EXISTING ABANDONED FEEDERS (CONDUITS AND WIRING) IN THEIR ENTIRETY IN AREA OF CONSTRUCTION.
- 11. ELECTRICAL CONTRACTOR SHALL INSPECT EXISTING ELECTRICAL FEEDERS INDICATED TO REMAIN IN SERVICE AND BE REUSED. CONTRACTOR SHALL PERFORM CONDUCTOR INSULATION TESTING ON ALL MAIN FEEDERS INTENDED TO BE REUSED IN ACCORDANCE WITH SPECIFICATION REQUIREMENTS. ALL CONDUCTORS FAILING TEST SHALL BE REPLACED WITH SAME SIZE AS EXISTING.
- 12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXISTING CONDITIONS AND QUANTITIES BEFORE THE FINALIZATION OF BIDS.
- 13. ALL POWER, DATA, ETC. LOCATED BETWEEN FLOORS AND NOT RELATED TO THIS PROJECT SHALL REMAIN AND/OR SHALL BE RELOCATED AS REQUIRED. COORDINATE WITH USER AGENCY.



- 2. UNLESS OTHERWISE INDICATED, LIGHT FIXTURES SHALL BE CONTROLLED BY THE SWITCH LOCATED IN THE SAME SPACE.
- CONTROL SCHEME.
- CONTROLLED BY PHOTOCELL/TIMECLOCK.



# **GENERAL LIGHTING NOTES**

# (APPLIES TO ALL LIGHTING SHEETS):

1. CIRCUIT LIGHT FIXTURES TO THE CIRCUIT AS IDENTIFIED NEAR THE ASSOCIATED CONTROLS AND/OR FIXTURE.

3. IN SPACES WITH MORE COMPLEX SWITCHING REQUIREMENTS, LOWERCASE LETTERS NEAR THE FIXTURES AND SWITCHES INDICATE THE

4. REFER TO PANEL SCHEDULES FOR CIRCUITS WHICH SHALL BE

# **ELECTRICAL GENERAL NOTES:**

# (NOTES APPLY TO ALL SHEETS)

1. ALL CONDUCTORS SHALL BE COPPER UNLESS OTHERWISE INDICATED

- 2. MOUNT ALL RECEPTACLES AT 18" ABOVE FINISHED FLOOR TO CENTER OF THE COVER PLATE UNLESS OTHERWISE INDICATED.
- 3. FOR OUTLETS REQUIRING GFCI PROTECTION WHERE THE RECEPTACLE IS CONCEALED SUCH AS IN THE CASE OF A WATER FOUNTAIN OR VENDING MACHINE INSTALLATION, THE CONTRACTOR SHALL PROVIDE A STANDARD RECEPTACLE WITH GFCI CIRCUIT BREAKER IN THE ASSOCIATED PANEL. BLANK FACE GFCI TEST/RESET BUTTONS ARE NOT PERMITTED UNLESS EXPLICITLY LOCATED ON THESE DRAWINGS.
- 4. FURNISH AND INSTALL ALL EXTERIOR RECEPTACLES WITH WEATHERPROOF COVERS. EXTERIOR RECEPTACLES SHALL BE GFCI TYPE.
- 5. FOR ALL EXTERIOR ELECTRICAL EQUIPMENT, FURNISH AND INSTALL WITH NEMA 3R ENCLOSURES MINIMUM. IN THE EVENT THAT THERE IS A DISCREPANCY BETWEEN THIS REQUIREMENT AND INFORMATION LOCATED ELSEWHERE IN THE ELECTRICAL DOCUMENTS, THE CONTRACTOR SHALL BID ACCORDING TO THE MOST STRINGENT REQUIREMENT.
- 6. IN KITCHENS, BREAK ROOMS AND SIMILAR SPACES, THE CONTRACTOR SHALL REFER TO ARCHITECTURAL DOCUMENTS AND LOCATE ELECTRICAL DEVICES AT LOCATIONS AND ELEVATIONS TO BEST SERVE EACH DEDICATED APPLIANCE.
- 7. VERIFY DOOR SWINGS PRIOR TO INSTALLING LIGHT SWITCHES.
- 8. GANG ALL SWITCHES SHOWN TO BE INSTALLED AT THE SAME LOCATION UNDER A SINGLE COVER PLATE UNLESS OTHERWISE INDICATED.
- 9. THE CONTRACTOR SHALL MAKE FIELD ADJUSTMENTS TO EXIT SIGNS IN CORRIDORS WHERE THERE IS A CHANGE OF CEILING ELEVATION WITH 10-FEET OF THE EXIT SIGN. THE CONTRACTOR SHALL LOCATE THESE EXIT SIGNS SUCH THAT THEY ARE ON THE LOWER CEILING AND VISIBLE THROUGHOUT THE CORRIDOR SEGMENT.
- 10. COORDINATE WITH OTHER DISCIPLINES IN THE FIELD TO ENSURE THAT THE INTEGRITY OF FIRE RATED CONSTRUCTION IS PRESERVED WHERE PENETRATING RATED WALLS AND FLOORS.
- 11. THE CONTRACTOR SHALL ROUTE ALL EXPOSED CONDUIT NEATLY AND TIGHT TO SUPPORTING SURFACES. IN THE EVENT THAT THE OWNER IS NOT SATISFIED WITH WORKMANSHIP, THE CONTRACTOR SHALL MAKE CORRECTIONS AT NO ADDITIONAL COST TO THE OWNER. MC CABLE IS NOT PERMITTED IN EXPOSED AREAS.
- 12. FOR ALL CONDUIT RUNS SHOWN ON ELECTRICAL DRAWINGS, THE ROUTING IS APPROXIMATE. THE CONTRACTOR SHALL MAKE ROUTING ADJUSTMENTS AS REQUIRED BASED ON FIELD CONDITIONS AND COORDINATION WITH OTHER DISCIPLINES.
- 13. IN THE EVENT THAT THERE IS A DISCREPANCY IN THE MINIMUM CIRCUIT AMPACITY (MCA) AND/OR THE MAXIMUM OVERCURRENT PROTECTION (MOCP) BETWEEN THE DIVISION 26 AND DIVISION 22/23 SCHEDULES, THE CONTRACTOR SHALL BID ACCORDING TO THE MORE STRINGENT REQUIREMENTS.
- 14. MECHANICAL, PLUMBING, AND OTHER EQUIPMENT FURNISHED AND INSTALLED BY OTHER DIVISIONS IS SHOWN ON ELECTRICAL DRAWINGS FOR CIRCUITING PURPOSES ONLY. THE CONTRACTOR SHALL REFER TO OTHER DISCIPLINE CONSTRUCTION DOCUMENTS FOR EXACT LOCATIONS OF EQUIPMENT PRIOR TO ROUGH-IN OF THE ASSOCIATED ELECTRICAL CIRCUITS, DISCONNECTING MEANS, OUTLETS, ETC. AND ADJUST ROUTING AND LOCATIONS ACCORDINGLY.
- 15. LIGHT FIXTURES, ELECTRICAL OUTLETS AND DISCONNECTING MEANS LOCATED IN MECHANICAL ROOMS AND ATTIC SPACES ARE SHOWN FOR QUANTITY AND CIRCUITING PURPOSES ONLY. THE CONTRACTOR SHALL LOCATE LIGHT FIXTURES TO BEST ILLUMINATE WALKING AND WORKING SURFACES, AND LOCATE OUTLETS AND DISCONNECTING MEANS SUCH THEY ARE EASILY ACCESSIBLE FOLLOWING THE INSTALLATION OF ALL DEVICES AND EQUIPMENT IN THESE SPACES.
- 16. ALL MECHANICAL EQUIPMENT SHALL HAVE A RECEPTACLE INSTALLED WITHIN 25-FEET. A SINGLE RECEPTACLE CAN ACCOMPLISH THIS PURPOSE FOR MULTIPLE PIECES OF EQUIPMENT. A RECEPTACLE LOCATED BELOW A LAY-IN CEILING ON THE SAME LEVEL AS A PIECE OF MECHANICAL EQUIPMENT COMPLIES WITH THIS REQUIREMENT. IN THE EVENT THAT FIELD CONDITIONS DICTATE THAT A RECEPTACLE CAN NOT MEET THIS REQUIREMENT FOR ALL OF THE INTENDED PIECES OF EQUIPMENT IN AN AREA ON THE DRAWINGS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL RECEPTACLES AS REQUIRED.
- 17. PROVIDE SYSTEM SMOKE DETECTORS IN THE SUPPLY AND RETURN DUCTS OF AIR HANDLING UNITS GREATER THAN 2000 CFM. REFER TO DIVISION 23 SCHEDULES FOR UNITS MEETING THIS REQUIREMENT.

SWITCHES
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RECEPTACL
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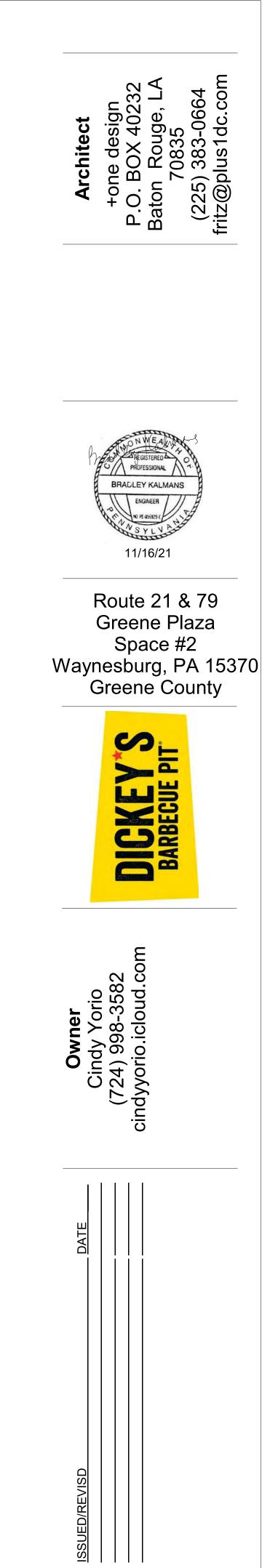
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GENERAL NOTE: ALL EXTERIOR BUILDING ELECTRICAL EQUIPMENT TO BE WEATHERPROOF NEMA-3R MINIMUM \* INDICATED THAT MOUNTING ELEVATION AND/OR LOCATION SHALL BE COORDINATED WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.

ELECTRIC	CAL SYMBOL SCHEDULE
SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
LIGHTING (LETTER	R DENOTES TYPE - SEE LIGHT FIXTURE SCHEDULE)
	LIGHT FIXTURE
	LIGHT FIXTURE WITH INTEGRAL BATTERY BACKUP
0	DOWNLIGHT FIXTURE
×	EXIT LIGHT WITH DIRECTIONAL ARROWS AS REQUIRED
	EMERGENCY LIGHTING UNIT EQUIPMENT
SWITCHES	
\$	SINGLE POLE SWITCH
\$ <sup>3</sup>	3-WAY SWITCH
\$D	WALL DIMMER SWITCH, SIZE AND TYPE AS REQUIRED
RECEPTACLES A	ND OUTLETS
φ	DUPLEX RECEPTACLE
Фusb	DUPLEX RECEPTACLE WITH USB
	DUPLEX RECEPTACLE - CEILING MOUNTED
$\oplus$	125/250 VOLT, 1 PHASE, 3-WIRE, 20 AMPS UNLESS NOTED OTHERWISE
⊕	DOUBLE DUPLEX IN 2-GANG BOX WITH SINGLE COVER PLATE
J	JUNCTION BOX
Ш	DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
COMMUNICATION	AND FIRE ALARM EQUIPMENT
$\triangleleft$	SINGLE GANG OUTLET BOX AND TWO PORT COVER PLATE WITH BLANKS W/ EMPTY 1"C. TO ACCESSIBLE AREA ABOVE CEILING
	CEILING MOUNTED SINGLE GANG OUTLET BOX AND TWO PORT COVER PLATE WITH BLANKS W/ EMPTY 1"C. TO ACCESSIBLE AREA ABOVE CEILING
(SD) <sub>D</sub>	DUCT MOUNTED SMOKE DETECTOR
MOTOR CONTROL	LERS AND EQUIPMENT
С	DISCONNECT SWITCH AS REQUIRED
\$ <sup>M</sup>	MANUAL MOTOR SWITCH AS REQUIRED
	UIPMENT
	ELECTRICAL DISTRIBUTION OR PANELBOARD
	PLYWOOD TELEPHONE BACKBOARD
CIRCUITING	
	CONDUIT
	CONDUIT BELOW FLOOR, SLAB, OR GRADE
SUBSCRIPTS AN	DABBREVIATIONS
TV	LOCATE AS REQUIRED FOR MONITOR*

LOCATE AS REQUIRED FOR MONITOR\*

NEXT TO ANY SYMBOL INDICATES FINAL ROUGH-IN FIELD COORDINATION BY CONTRACTOR WITH ARCHITECTURAL MILLWORK DRAWINGS AND OTHER TRADES.



**E3.00** 

3 5 7 9 1 <sup>7</sup> 13 15 17 15 22	1 50.50	WIRE 3#12 2#12 2#12 2#12 2#12 2#12 2#12 2#12 2#12 2#12	<b>GND</b> #12 #12 #12 #12  #12	CONDUIT 1/2" 1/2" 1/2" 1/2"	ВК 20 20 20	2	<b>A</b>	В	С		KR	CONDUIT	GND	WIRE	CIRCUIT DESCRIPTION	СКТ	NOTE
3 5 7 9 1 <sup>7</sup> 13 15 17 15 22	3       EQ-50         5       EQ-53         7       EQ-86         9       EQ-1         11       SHUNT TRIP         13       EQ-6         15       SHUNT TRIP         17       EQ-7         19       EQ-8b	2#12 2#12 2#12  2#12 	#12 #12 #12 	1/2" 1/2" 1/2"	20		1.4 / 0.2			4							
5 7 9 1 13 15 17 15 22	3	2#12 2#12 2#12  2#12 	#12 #12 #12 	1/2" 1/2" 1/2"	20					1		1/2"	#12		EQ-60	2	
7 9 1 <sup>2</sup> 13 15 17 15 22	7 EQ-86 9 EQ-1 11 SHUNT TRIP 13 EQ-6 15 SHUNT TRIP 17 EQ-7 19 EQ-8b	2#12 2#12  2#12 	#12 #12 	1/2" 1/2"		1		1.4 / 1.7		1	20	1/2"	#12		EQ-55	4	
9 11 13 15 17 17 19 21	9 EQ-1 1 SHUNT TRIP 13 EQ-6 15 SHUNT TRIP 17 EQ-7 19 EQ-8b	2#12  2#12 	#12 	1/2"	20				0.3/0.2	1	20	1/2"	#12	2#12	EQ-80	6	
11 13 15 17 15 21	11       SHUNT TRIP         13       EQ-6         15       SHUNT TRIP         17       EQ-7         19       EQ-8b	 2#12 					0.3/0.8			2	20	1/2"	#12	3#12	EQ-2	8	
13 15 17 19 21	I3 EQ-6 I5 SHUNT TRIP I7 EQ-7 I9 EQ-8b	2#12			20			0.2 / 0.8	0.0 / 0.0							10	
15 17 19 21	15 SHUNT TRIP 17 EQ-7 19 EQ-8b		#12				0.0/0.0		0.0/0.2	1	20	1/2"	#12		EQ-5	12	
17 19 21	17 EQ-7 19 EQ-8b			1/2"	20	1	0.2/0.2	00/00		1	20	1/2"	#12		EQ-8a	14	
19 21	19 EQ-8b	Z#12						0.0 / 0.2	05/47	1	20	1/2"	#12		EQ-11	16	
2		0#40	#12	1/2"	20	-	0.2/05		0.5 / 1.7	1	20	1/2" 1/2"	#12		EQ-73	18	
	21   EQ-02	2#12	#12 #12	1/2" 1/2"	20	1	0.2/0.5	0.2/0.0		1	20	1/2"	#12		EQ-B05b	20 22	
	23 HEAT LAMP	2#12 2#12	#12	1/2	20 20			0.2 / 0.9	0.3/0.3	1	20 20	1/2	#12 #12		EQ-40 HEAT LAMP	22	
	25 EQ-B05a	2#12	#12	1/2	20		0.5 / 1.1		0.370.3	1		1/2	#12		LTG		
	27 EQ-5052 27 EQ-76	2#12	#12	1/2	20		0.571.1	1.7 / 5.8		1	20	1/2	#12	2#12		26 28	
	27 EQ-76 29	2#12	#1Z	1/2	20			1.7 / 5.8	3.7 / 5.8	2	70	1"	#8	4#4	RTU-4	30	
	31 RTU-3	4#8	#10	3/4"	50	3	3.7 / 5.8		3.775.0	3	10	I	#0 4#4	4#4		30	
33		4#0	#10	3/4	50	3	3.775.0	3.7 / 0.6								34	
	35 ROOF REC	2#12	#12	1/2"	20	1		3.770.0	0.4 / 0.6	3	20	3/4"	#12	2#12		36	
	37 SPARE		#1Z		20		0.0/0.6		0.470.0	5	20	5/4	<i>π</i> 12	2#12		38	
	39 SPARE				20		0.070.0	0.0 / 0.0		1	20				SPARE	40	
	1 SPARE				20			0.070.0	0.0 / 0.0	1	20				SPARE	40	
-				Total		-	15.4 kVA	17.1 kVA	13.8 kVA	-	20					72	
				Total A	-		130 A	145 A	115 A			-					
	assification			Connected	Load		Dema	Demand Factor Estimated Demand Panel Totals						Panel Totals			
IVAC				28.5 k∖	/A		10	0.00%		28.5	kVA						
litchen E	Equipment			14.0 k∖	/A		65	65.00% 9.1 kVA				Total Conn. Load: 46.3 kVA					
ighting				1.6 kV	Ά		12	125.00% 2.0 kVA					Total Est. Demand: 41.8 kVA				
liscellan	neous			1.9 kV				100.00% 1.9 kVA				Total Conn. Current: 129 A					
															nd Current: 116 A		
Other 0.0 kVA							I ULAI ES	i. Dema									
Receptac	cles			0.4 kV	A		10	0.00%		0.4	kVA						
							ļ,										
lotes:							Abb	revations:									
							G - 1	PROVIDE G	FCI CIRCU	IT B	REAM	KER					
												R DIAGRAM	s				
							' -						-				

Location: Office/Storage 100 Supply From: Mounting: SURFACE				Volts: 120/208 Wye Phases: 3 Wires: 4 Phase in kVA					A.I.C. Rating: 10,000 Enclosure: NEMA 1 Mains: 200A									
NOTE	скт	CIRCUIT DESCRIPTION	WIRE	GND	CONDUIT	BKR	A	В	С	BK	(R	CONDUIT	GND	WIRE	CIRCUI	T DESCRIPTION	скт	NOT
	1	EQ-B25	2#12	#12	1/2"	20 1	0.5/0.7			1	20	1/2"	#12	2#12	EQ-B12		2	
	3	EQ-WC1	3#12	#12	1/2"	20 3		0.2 / 0.3	0.2/0.3		20	1/2"	#12	2#12	EQ-WC2		4	
	7						0.2/0.5			1	20	1/2"	#12	2#12	EQ-WC4		8	
		EQ-WC3	2#12	#12	1/2"	20 1		0.5 / 1.6	0 5 / / 0	2	30	1/2"	#10	3#12	DRYER		10	
		WASHING MACHINE	2#12	#12	1/2"	20 1	07/05		0.5 / 1.6							0	12	
		EQ-31 DINING REC	2#12 2#12	#12 #12	1/2" 1/2"	20 1 20 1	0.7 / 0.5	1.1/0.4			20 20	1/2" 1/2"	#12 #12		OFFICE RE RESTROOM		14 16	
		DINING REC	2#12	#12	1/2	20 1		1.1/0.4	1.1/0.3		20	1/2	#12		EQ-57	I REC	18	
		BAR REC	2#12	#12	1/2"	20 1	0.5/0.5		1.170.5		20	1/2"	#12		BAR REC		20	
		SHOW WINDOW	2#12	#12	1/2"	20 1	0.070.0	1.0 / 0.5			20	1/2"	#12		USB REC		20	
		USB REC	2#12	#12	1/2"	20 1		1.0 / 0.0	0.5/0.5		20	1/2"	#12		BUILDING SIGNAGE		24	
		"D" SIGN	2#12	#12	1/2"	20 1	0.5/0.7				20	1/2"	#12	2#12	TV		26	
		GENERAL BAR REC	2#12	#12	1/2"	20 1		0.7 / 0.7			20	1/2"	#12	2#12			28	
	29	GENERAL COUNTER REC	2#12	#12	1/2"	20 1			0.9/0.5	1	20	1/2"	#12	2#12	WAP :		30	
	31	CEILING MOUNTED TV	2#12	#12	1/2"	20 1	1.0/0.5			1	20	1/2"	#12	2#12			32	
	33	TRACK LTG	2#12	#12	1/2"	20 1		0.5 / 0.4		1	20	1/2"	#12	2#12	TRACK LTC	}	34	
		TRACK LTG	2#12	#12	1/2"	20 1			0.5/0.4	1	20	1/2"	#12	2#12	TRACK LTC	3	36	
		TRACK LTG	2#12	#12	1/2"	20 1	0.4 / 0.0								SPACE		38	
		SPACE						0.0 / 0.0							SPACE		40	
	41	SPACE							0.0/0.0						SPACE		42	
					Total L	.oad:	7.1 kVA	7.7 kVA	7.1 kVA									
					Total A	mps:	59 A	64 A	59 A									
oad	Class	sification			Connected	Load	Dema	nd Factor	Estim	ated	Dem	nand			Panel	Totals		
Kitche	n Equ	upment			4.1 kVA	4	65	5.00%		2.7 k <sup>\</sup>	VA							
ightir	ng	·			2.5 kVA	4	12	5.00%		3.1 k\	VA			Total C	onn. Load:	21.9 kVA		
Jiscel	-	NIS			4.6 kVA					4.6 k					st. Demand: 21.1 kVA			
Power					2.5 kVA					2.5 k								
		-																
Recep	lacie	5			8.3 kVA	1	10	0.00%		8.3 k\	VA		TOLATES	t. Dema	na Current.	90 A		
Notes	:						Abb	prevations:										
							G -	PROVIDE G	FCI CIRCU	T BR	REAK	(ER						
								- REFER TC					IS					

# ELECTRICAL SERVICE CALCULATION

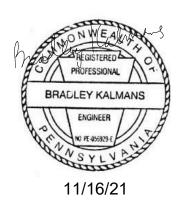
REFER TO LOAD CALCULATIONS AT THE BOTTOM OF PANEL SCHEDULE "A" AND "B".

ADDITIONALLY, PER NEC THE LIGHTING LOAD SHALL BE THE GREATER OF THE TWO FOLLOWING CONDITIONS:

- 1. BUILDING AREA (SQ. FT.) x 3VA/SQ. FT. x 125% 3,941 SQ. FT. x 3VA/SQ. FT. x 125% = 14.8 KVA 2. CONNECTED LIGHTING LOAD x 125% 1.6KVA + 2.5KVA = 4.1KVA x 125% = 5.1KVA

OVERALL ELECTRICAL SERVICE CALCULATION: 40.2KVA + 19.4KVA + 14.8KVA = 72.6KVA 72.6KVA / 208V /  $\sqrt{3}$  = 201.5A PROVIDE 400A TOTAL ELECTRICAL SERVICE

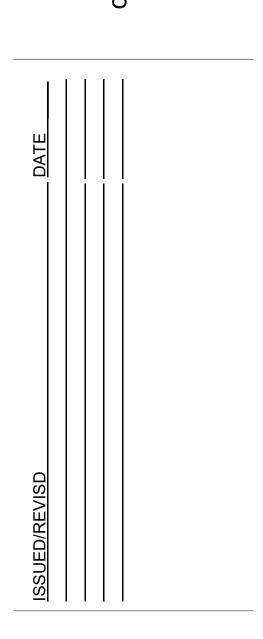
Architect	+one design	Baton Rouge, LA	(225) 383-0664
	P.O. BOX 40232	70835	fritz@plus1dc.com



Route 21 & 79 Greene Plaza Space #2 Waynesburg, PA 15370 Greene County



Owner Cindy Yorio (724) 998-3582 cindyyorio.icloud.com



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# **DEMOLITION SPECIFICATIONS:**

## WORK INCLUDED

- . INSPECTION AND SERVICE OF EXISTING EQUIPMENT AND MATERIALS TO REMAIN OR BE REUSED
- HANDLING OF EQUIPMENT AND MATERIALS TO BE ABANDONED
- . HANDLING OF EQUIPMENT AND MATERIALS TO BE REMOVED.

## QUALITY ASSURANCE

. COORDINATION WITH THE CONTRACTOR PRIOR TO THE DISCONNECTION OR SHUTDOWN OF EXISTING EQUIPMENT, OR TO THE MODIFICATION OF EXISTING OPERATIONAL SYSTEMS.

### CONTRACT DRAWINGS

THE ENGINEER HAS ATTEMPTED TO SHOW, ON THE ELECTRICAL DRAWINGS, EXISTING ELECTRICAL OUTLETS (POWER, DATA, COMMUNICATIONS, FIRE ALARM, ETC.). HOWEVER, THERE EXISTS THE POSSIBILITY THAT THERE ARE EXISTING CONDITIONS AND DEVICES WHICH ARE AFFECTED BY THE WORK INDICATED ON THE DRAWINGS AND CALLED FOR IN THE SPECIFICATIONS (PROJECT MANUAL) WHICH DO NOT APPEAR ON THE DRAWINGS. IT IS THE CONTRACTORS RESPONSIBILITY TO VISIT THE SITE AND DETERMINE ALL OF THE EXISTING CONDITIONS AND TO TAKE THESE EXISTING CONDITIONS INTO CONSIDERATION WHEN MAKING AND PRESENTING A PROPOSAL TO AS TO HAVE A COMPLETE PROPOSAL

### INSPECTION

- EXISTING MATERIALS AND EQUIPMENT INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS TO BE REUSED SHALL BE INSPECTED FOR DAMAGED OR MISSING PARTS. NOTIFY THE ARCHITECT/ENGINEER, IN WRITING, ACCORDINGLY.
- . IF USING MATERIALS SPECIFIED OR SHOWN ON THE DRAWING VOIDS OR DIMINISHES THE WARRANTY OR OPERATION OF REMAINING EQUIPMENT OR SYSTEMS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER, IN WRITING USING MATERIALS SPECIFIED OR SHOWN ON THE DRAWING VOIDS OR DIMINISHES THE WARRANTY OR OPERATION OF REMAINING EQUIPMENT OR SYSTEMS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER, IN WRITING.
- . VERIFY FIELD MEASUREMENTS AND CIRCUITING ARRANGEMENTS
- . DEMOLITION DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATION AND EXISTING RECORD DOCUMENTS. REPORT DISCREPANCIES TO ARCHITECT BEFORE DISTURBING EXISTING INSTALLATION.

## **APPLICATION**

- EXISTING MATERIALS AND EQUIPMENT INDICATED ON THE DRAWINGS OR IN THE SPECIFICATION TO BE REUSED SHALL BE CLEANED AND RECONDITIONED, INCLUDING TIGHTENING OF FEEDER AND BUS BAR LUGS PRIOR TO INSTALLATION AND REUSE IN THE MODIFIED SYSTEM.
- MATERIAL AND EQUIPMENT REMOVED THAT IS NOT TO BE SALVAGED FOR OWNER'S USE OR FOR REUSE ON THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
- . PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL WALK AREAS TO BE RENOVATED WITH OWNER TO IDENTIFY AND DOCUMENT ITEMS TO BE SALVAGED FOR OWNER'S USE.
- . MATERIAL OR EQUIPMENT SALVAGED FOR OWNER'S USE SHALL BE CAREFULLY HANDLED AND STORED WHERE DIRECTED BY THE OWNER.
- DEMOLITION AND EXTENSION OF EXISTING ELECTRICAL WORK
- THE CONTRACTOR SHALL MODIFY, REMOVE, AND/OR RELOCATE ALL MATERIALS AND ITEMS SO INDICATED ON THE DRAWINGS OR REQUIRED BY THE INSTALLATION OF NEW FACILITIES. ALL REMOVALS AND/OR DISMANTLING SHALL BE CONDUCTED IN A MANNER AS TO PRODUCE MAXIMUM SALVAGE. SALVAGE MATERIALS SHALL REMAIN THE PROPERTY OF THE OWNER. AND SHALL BE DELIVERED TO SUCH DESTINATION AS DIRECTED BY THE OWNER'S REPRESENTATIVE UNLESS THEY ARE NOT WANTED, THEN IT WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO REMOVE SUCH ITEMS AND PROPERLY DISPOSE OF THEM. MATERIALS AND/OR ITEMS SCHEDULED FOR RELOCATION AND WHICH ARE DAMAGED DURING DISMANTLING OR REASSEMBLY OPERATIONS SHALL BE REPAIRED AND RESTORED TO GOOD OPERATIVE CONDITION. THE CONTRACTOR MAY, AT HIS DISCRETION, AND UPON APPROVAL OF THE OWNER'S REPRESENTATIVE SUBSTITUTE NEW MATERIALS AND/OR ITEMS OF LIKE DESIGN AND QUALITY IN LIEU OF MATERIALS AND/OR ITEMS TO BE RELOCATED.
- . ALL ITEMS TO BE RELOCATED SHALL BE CAREFULLY REMOVED IN REVERSE TO ORIGINAL ASSEMBLY OR PLACEMENT AND PROTECTED UNTIL RELOCATED. THE CONTRACTOR SHALL CLEAN AND REPAIR AND PROVIDE ALL NEW MATERIALS, FITTINGS, AND APPURTENANCES REQUIRED TO COMPLETE THE RELOCATIONS AND TO RESTORE THEM TO GOOD OPERATIVE ORDER. ALL RELOCATIONS SHALL BE PERFORMED BY WORKMEN SKILLED IN THE WORK AND IN ACCORDANCE WITH STANDARD PRACTICE OF THE TRADES INVOLVED.
- WHEN ITEMS SCHEDULED FOR RELOCATION AND/OR REUSE ARE FOUND TO BE IN DAMAGED CONDITION BEFORE WORK HAS BEEN STARTED ON DISMANTLING, THE CONTRACTOR SHALL CALL THE ATTENTION OF THE OWNER'S REPRESENTATIVE TO SUCH ITEMS AND RECEIVE FURTHER INSTRUCTIONS BEFORE REMOVAL ITEMS DAMAGED IN REPOSITIONING OPERATIONS ARE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AS APPROVED BY THE OWNER'S REPRESENTATIVE, AT NO ADDITIONAL COST TO THE OWNER.
- CONDUIT AND WIRING TO ITEMS TO BE REMOVED, SALVAGED, OR RELOCATED SHALL BE REMOVED TO POINTS INDICATED ON THE DRAWINGS, SPECIFIED, OR ACCEPTABLE TO THE OWNER'S REPRESENTATIVE. CONDUIT AND WIRING NOT SCHEDULED FOR REUSE SHALL BE REMOVED TO THE POINTS AT WHICH REUSE IS TO BE CONTINUED OR SERVICE IS TO REMAIN. SUCH SERVICES SHALL BE SEALED, CAPPED, OR OTHERWISE TIED-OFF OR DISCONNECTED IN A SAFE MANNER ACCEPTABLE TO THE CONSTRUCTION INSPECTOR. ALL DISCONNECTIONS OR CONNECTIONS INTO THE EXISTING FACILITIES SHALL BE DONE IN SUCH A MANNER AS TO RESULT IN MINIMUM INTERRUPTION OF SERVICES TO ADJACENT OCCUPIED AREAS. SERVICES TO EXISTING AREAS OR FACILITIES THAT MUST REMAIN IN OPERATION DURING THE CONSTRUCTION PERIOD SHALL NOT BE INTERRUPTED WITHOUT PRIOR SPECIFIC APPROVAL OF THE OWNER'S REPRESENTATIVE HEREINBEFORE SPECIFIED.
- DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS WHICH ARE NOT REMOVED.
- . DISCONNECT AND REMOVE ABANDONED PANELBOARDS AND DISTRIBUTION EQUIPMENT.
- B. DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- DISCONNECT AND REMOVE ABANDONED LUMINARIES. REMOVE BRACKETS, STEMS, HANGERS, AND OTHER ACCESSORIES.
- REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS WHICH REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.
- . EXTEND EXISTING INSTALLATIONS USING MATERIALS AND METHODS COMPATIBLE WITH EXISTING ELECTRICAL INSTALLATIONS, OR AS SPECIFIED.

PROTECTION OF THE WORK

- PROVIDE ADEQUATE TEMPORARY SUPPORT AND AUXILIARY STRUCTURE AS NECESSARY TO ENSURE STRUCTURAL VALUE OR INTEGRITY OF AFFECTED PORTION OF WORK.
- . PROVIDE DEVICES AND METHODS TO PROTECT OTHER PORTIONS OF WORK FROM DAMAGE
- EXECUTE FITTING AND ADJUSTMENT OF PRODUCTS TO PROVIDE A FINISHED INSTALLATION TO COMPLY WITH SPECIFIED PRODUCTS, FUNCTIONS, TOLERANCES AND FINISHES.

# <u>GENERAL</u>

<u>CONDUIT</u>

- CONTRACTOR

- INVESTIGATION.

EQUIPMENT, UNLESS NOTED OTHERWISE.

**ELECTRICAL BOXES & FITTINGS** 

WHERE DEVICES ARE SHOWN GROUPED.

INSTALLATION OF BOXES AND FITTINGS

TYPE THAT SHALL BE FASTENED ON EACH END.

PANELBOARDS

BREAKERS NOT ALLOWED.

FOR ALL RECESSED PANELS.

EXTENDING UPWARDS TO THE STRUCTURE.

# **ELECTRICAL SPECIFICATIONS:**

A. VERIFY ALL JOB SITE AND ARCHITECTURAL PLAN DIMENSIONS. REPORT ALL DISCREPANCIES TO ARCHITECT.

B. CONTRACTOR SHALL INITIATE CONTACT WITH THE POWER COMPANY (RETAIL SELLER), UTILITY (TRANSMISSION AND DISTRIBUTION) AND OWNER WITHIN 14 DAYS OF NOTICE TO PROCEED TO ENSURE PERMANENT POWER WILL BE AVAILABLE TO THE SITE. AND DELAYS RESULTING FROM LACK OF THIS COORDINATION SHALL BE THE RESPONSIBILITY OF THE

C. UNLESS OTHERWISE NOTED, CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES AND CHARGES REQUIRED.

D. VISITING THE SITE: EACH BIDDER SHALL VISIT THE SITE OF THE PROPOSED WORK AND SHALL FULLY INFORM HIMSELF REGARDING THE LOGISTICS AND UTILITIES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR WORK OR MATERIAL OMITTED FROM THE BIDDER'S CONTRACT PROPOSAL DUE TO HIS FAILURE TO SO INFORM HIMSELF BY SUCH

E. ALL CUTTING AND PATCHING OF ROOF, FLOOR, CEILING AND WALLS SHALL BE COMPLETED BY OR COORDINATED WITH GENERAL CONTRACTOR.

F. FURNISH AND INSTALL A COMPLETE ELECTRICAL SYSTEM AS INDICATED IN THE CONSTRUCTION DOCUMENTS. ELECTRICAL CONTRACTOR TO MAKE FINAL CONNECTIONS TO ALL

G. CONTRACTOR SHALL COMPLY WITH ALL GOVERNING CODES AND ORDINANCES, INCLUDING BUT NOT LIMITED TO NATIONAL ELECTRICAL CODE (NEC), NATIONAL FIRE PROTECTION AGENCY (NFPA) AND LOCAL AUTHORITY HAVING JURISDICTION (AHJ).

A. ALL ELECTRICAL CONDUCTORS SHALL BE INSTALLED IN CONDUIT COMPLYING WITH THE NEC. CONDUIT SHALL BE U.L. LISTED. APPLICABLE USE FOR CONDUIT TYPES AS FOLLOWS:

#### 1. EMT (ELECTRIC METALLIC TUBING) - INTERIOR CONCEALED OR EXPOSED. 2. GRC (GALVANIZED RIGID CONDUIT) - EXTERIOR EXPOSED. UNDERGROUND ELBOWS AND RISES.

3. PVC (POLYVINYL CHLORIDE) - UNDERGROUND OR UNDER SLAB. 4. LIQUIDTIGHT FLEXIBLE METAL CONDUIT - SHALL BE USED AT ALL MOTOR CONNECTIONS OR WHERE MOVEMENT OR VIBRATION IS A CONCERN FOR EXTERIOR EQUIPMENT CONNECTIONS. LENGTH NOT TO EXCEED 3 FEET. 5. FLEXIBLE STEEL CONDUIT - SHALL BE USED WHERE MOVEMENT OR VIBRATION IS A CONCERN FOR INTERIOR EQUIPMENT CONNECTIONS. LENGTH NOT TO EXCEED 3 FEET.

6. MC CABLE (METAL CLAD) - MC CABLE IS PERMITTED AND SHALL COMPLY WITH NEC 330 AND BE INSTALLED IN LOCATIONS APPROVED BY LOCAL AHJ. MC CABLE NOT ALLOWED FOR EQUIPMENT CONNECTIONS. SUPPORT AND BUNDLE NEATLY ABOVE CEILING WITH BRIDLE RINGS OR J-HOOKS.

B. MINIMUM CONDUIT SIZE, NOT UNDERGROUND OR UNDER SLAB, SHALL BE 1/2 INCH. MINIMUM CONDUIT SIZE FOR UNDERGROUND OR UNDER SLAB SHALL BE 3/4 INCH.

C. CONDUIT FILL SHALL NOT EXCEED 40% PER NEC.

D. CONDUIT SHALL BE SUPPORTED FROM BUILDING STRUCTURE, FRAMING, JOIST, ETC. PROVIDE HANGERS, SUPPORTS AND FASTENINGS AS REQUIRED BY NEC. DO NOT SUPPORT FROM ROOF DECK OR SUSPENDED CEILING SYSTEM. IN NO INSTANCE, SHALL CONDUIT BE INSTALLED WITHIN 6 INCHES OF ROOF DECK.

E. ALL CONDUIT FITTINGS SHALL BE STEEL, SET SCREW OR COMPRESSION TYPE AND U.L. LISTED. PLASTIC BUSHINGS REQUIRED FOR ALL CONDUIT, 1 INCH AND LARGER.

A. INTERIOR OUTLET BOXES: PROVIDE GALVANIZED STEEL WIRING BOXES, OF THE TYPE, SHAPE, AND SIZE, INCLUDING DEPTH OF BOX, TO SUIT RESPECTIVE LOCATIONS AND INSTALLATION. BOXES SHALL HAVE STAMPED KNOCKOUTS IN BACK AND SIDES. PROVIDE APPROPRIATE PLASTER RINGS AND COVERS AS REQUIRED. PROVIDE GANG BOXES

B. EXTERIOR OUTLET BOX: PROVIDE OUTLET BOX FLUSH WITH EXTERIOR WALL AND WITH CAST ALUMINUM WEATHERPROOF COVER. PROVIDE "IN USE" TYPE COVERS WHERE NOTED. SURFACE MOUNT BOXES SHALL BE NEMA 3R CAST ALUMINUM TYPE WITH THREADED CONDUIT HUBS.

C. FLOOR BOXES: GENERAL USE FLOOR BOXES CAN BE OF PLASTIC CONSTRUCTION, UNLESS NOTED OTHERWISE, WITH METAL TRIMS, FLANGES AND COVERS AS REQUIRED. COORDINATE TRIM FINISHES WITH ARCHITECT. SPECIAL USE BOXES SHALL BE SPECIFIED AS NOTED ON DRAWINGS. SUBMIT ALL BOXES AND ACCESSORIES FOR APPROVAL.

D. INGROUND PULL/SPLICE BOXES: BOXES SHALL BE CONSTRUCTED OF COMPOSITE POLYMER CONCRETE REINFORCED WITH FIBERGLASS. PROVIDE OPEN BOTTOM BOX COMPLETE WITH COVER AND APPROPRIATE LOGO. UNLESS NOTED OTHERWISE, MINIMUM BOX DIMENSIONS, COVER TYPE AND USE SHALL BE SPECIFIED AS NOTED ON DRAWINGS. ALL BOXES ASSOCIATED WITH UTILITY SERVICES SHALL BE PROVIDED AND INSTALLED PER PROVIDER ENTITY STANDARDS. SUBMIT ALL BOXES AND ACCESSORIES FOR APPROVAL.

A. INSTALL ELECTRICAL BOXES AND FITTINGS AS SHOWN AND AS REQUIRED IN COMPLIANCE WITH NEC AND MANUFACTURER'S RECOMMENDATIONS.

B. JUNCTION/PULL BOXES: BOXES SHALL BE SECURED TO ROOF STRUCTURE. ALL JUNCTION/PULL BOX OPENINGS SHALL BE SIDE OR BOTTOM ACCESSIBLE.

C. PROVIDE EACH OUTLET/SPLICE BOX WITH A GROUNDING PIGTAIL. FACTORY MANUFACTURED PIGTAIL SHALL HAVE BOLTED CONNECTION TO BOX.

D. UNLESS NOTED OR DIRECTED OTHERWISE AT INSTALLATION, PLACE OUTLET BOXES AS INDICATED ON ARCHITECTURAL ELEVATIONS AND AS REQUIRED BY LOCAL CODES.

E. OUTLETS ABOVE COUNTERS: MOUNT LONG AXIS HORIZONTALLY. REFER TO ARCHITECTURAL ELEVATIONS AND COORDINATE TO CLEAR BACKSPLASH AND MILLWORK.

F. BOXES FOR ANY CONDUIT SYSTEM SHALL NOT BE SECURED TO SUSPENDED CEILING SYSTEM, HVAC DUCTWORK OR PIPING SYSTEMS.

G. PROVIDE JUNCTION AND PULL BOXES FOR FEEDERS AND BRANCH CIRCUITS WHERE SHOWN AND/OR WHERE REQUIRED BY NEC.

H. ALIGN ADJACENT WALL MOUNTED OUTLETS, UNLESS NOTED OTHERWISE.

I. ALL BOXES SHALL BE ACCESSIBLE AS PER NEC. IF A BOX IS REQUIRED ABOVE INACCESSIBLE CEILING, COORDINATE USE OF AN ACCESS PANEL WITH ARCHITECT.

J. OUTLET BOX SUPPORTS: OUTLET BOXES SHALL UTILIZE MOUNTING BRACKETS FOR INSTALLATION IN STUD WALLS AND WHERE FLUSH WITH CEILINGS. PROVIDE BRACKET OF THE

A. GENERAL: ALL PANELBOARDS SHALL BE DEAD-FRONT SAFETY-TYPE EQUIPPED WITH MOLDED CASE CIRCUIT BREAKERS AS SHOWN AND SCHEDULED. ALL PANELBOARDS SHALL HAVE COPPER BUSSES. LOAD CENTER CONSTRUCTION IS NOT ACCEPTABLE. PROVIDE ENGRAVED TAG DENOTING PANEL NAME.

B. CIRCUIT BREAKERS: CIRCUIT BREAKERS SHALL BE MOLDED CASE, THERMAL MAGNETIC TYPE PROVIDED WITH INDIVIDUALLY INSULATED, BRACED, AND BOLTED CONNECTIONS. THE FRONT FACES OF CIRCUIT BREAKERS SHALL BE FLUSH WITH EACH OTHER. TRIPPED INDICATION SHALL BE SHOWN BY THE BREAKER HANDLE TAKING A POSITION BETWEEN ON AND OFF. MAKE PREPARED SPACE PROVISIONS FOR ADDITIONAL BREAKERS SUCH THAT NO ADDITIONAL HARDWARE WILL BE REQUIRED TO ADD BREAKERS. TWO AND THREE POLE BREAKERS SHALL HAVE INTERNAL COMMON TRIPS AND FACTORY EXTERNAL HANDLE. ALL ADJUSTABLE TRIP CIRCUIT BREAKERS REQUIRE A COORDINATION STUDY TO DETERMINE AND DOCUMENT TRIP SETTINGS. ALL CIRCUIT BREAKER SHALL BE PROVIDED WITH AIC BRACING EQUAL TO OR GREATER THAN THAT OF THE PANELBOARD RATING. SERIES RATED

C. PANELBOARD ENCLOSURES: PROVIDE SHEET STEEL ENCLOSURES, NEMA TYPE AS SCHEDULED, MINIMUM 16-GAUGE NOMINAL THICKNESS. PANELBOARDS 600 AMPS AND BELOW PROVIDE FRONTS WITH HINGED DOOR IN DOOR TYPE, INTERIOR HINGED TRIM AND FLUSH LOCK AND KEY. ALL PANELBOARD ENCLOSURES SHALL BE KEYED ALIKE AND SHALL MATCH THE OWNER'S STANDARD KEY SYSTEM IF APPLICABLE. COORDINATE WITH OWNER. ENCLOSURE SHALL BE RECESSED OR SURFACE MOUNTED AS SCHEDULED. ENCLOSURES SHALL BE FABRICATED BY THE SAME MANUFACTURER AS PANELBOARDS INTERIORS. MULTI-SECTION PANELBOARDS SHALL HAVE SAME PHYSICAL DIMENSIONS AND BE PROVIDED WITH FEED-THRU TYPE LUGS IN SECTION 1. PROVIDE WITH INTERIOR CIRCUIT DIRECTORY FRAME. PROVIDE THREE 1 INCH CONDUITS TO ACCESSIBLE CEILING SPACE

D. DIRECTORY: PROVIDE A TYPED CIRCUIT DIRECTORY CARD AND CLEAR PLASTIC COVERING UPON COMPLETION OF WORK. DIRECTORY CARD SHALL BE OF SUPER HEAVY-WEIGHT INDEX CARD STOCK, 110 LB, WHITE. DIRECTORY SHALL INCLUDE TYPE OF LOAD (IE: RECEPTACLES, LIGHTING, EF-1, ETC.) AND LOCATION (IE: ROOM 102, OFFICE, ETC.) ROOM NUMBER SHALL BE IDENTIFIED AS THE ACTUAL ROOM NUMBER ASSIGNED TO THE SPACE AND NOT THE ROOM NUMBER IDENTIFIED ON THE PLANS. CIRCUITS WITH SHUNT TRIP SHALL BE IDENTIFIED WITH THE CONTROL CIRCUIT OPERATING THE SHUNT TRIP (IE: KITCHEN HOOD NO. 2). SHUNT TRIP BREAKERS WITH COMMON TRIP CIRCUIT SHALL BE GROUPED TOGETHER IN THE PANELBOARD (IE: CIRCUITS 1, 3, & 5). DISTRIBUTION PANELS - PROVIDE ENGRAVED LABELS WITH TYPICAL BRANCH CIRCUIT INFORMATION PER EACH CIRCUIT.

E. CLEARANCE: ALL PANELBOARDS SHALL BE INSTALLED WITH MINIMUM REQUIRED FORWARD AND HORIZONTAL WORKING CLEARANCES PER NEC. THERE SHALL BE NO EQUIPMENT OTHER THAN CONDUIT, CONDUCTORS AND OTHER APPURTENANCES RELATING TO THE PANELBOARD INSTALLATION LOCATED WITHIN THE FOOTPRINT OF THE PANELBOARD

## WIRING DEVICES

- 1. 20A, 125V GROUNDED DUPLEX DECORA, NEMA 5-20R: LEVITON/16352 OR EQUAL. 2. 20A, 125V GROUNDED DUPLEX, NEMA 5-20R: LEVITON/5362 OR EQUAL. 3. SPECIAL RECEPTACLES AS NOTED ON DRAWINGS.
- FEATURE FOR GFCI DEVICES. GFCI CIRCUIT BREAKERS ALLOWED ONLY WHERE INDICATED. 1. INTERIOR: 20A. 125V GFCI. NEMA 5-20R. LEVITON/GFWT2 OR EQUAL 2. EXTERIOR: 20A, 125V GFCI, WEATHER RESISTANT, NEMA 5-20R LEVITON/GFWT2 OR EQUAL
- SCREW TERMINALS. 1. SINGLE POLE, 120/277V: LEVITON/54521 OR EQUAL 2. DOUBLE POLE, 120/277V: LEVITON/54522 OR EQUAL
- 3. THREE WAY, 120/277V: LEVITON/54523 OR EQUAL. 4. FOUR WAY, 120/277V: LEVITON/54524 OR EQUAL.
- SAME LOCATION, INSTALL ALL IN A MULTI-GANG BOX WITH A SINGLE COVER PLATE.
- E. DEVICE COVER PLATES: 1. INTERIOR - HIGH IMPACT NYLON. 2. BLOCK OR MASONRY WALLS (INTERIOR) - SATIN FINISH TYPE 302 STAINLESS STEEL, JUMBO, UNLESS NOTED OTHERWISE 3. SURFACE MOUNT (INTERIOR) - COVER SHALL BE 4" SQUARE RAISED TYPE TO MATCH DEVICE.
- G. PROVIDE A COVERPLATE OR BLANK COVER FOR EVERY OUTLET (INCLUDING TELE/COMM).
- DRAWINGS.
- MILLWORK TO AVOID CONFLICTS. COORDINATE WITH ALL TRADES TO AVOID CONFLICTS PRIOR TO ROUGH-IN.
- AROUND SCREW TERMINALS. EQUIPMENT GROUND SHALL BOND TO ROUGH-IN BOX VIA GREEN THREADED SCREW.
- DIMMERS: PROVIDE DIMMERS OF THE TYPE, SIZE AND VOLTAGE REQUIRED FOR PROPER OPERATION OF ASSOCIATED FIXTURE(S) BEING CONTROLLED.

## DISCONNECT SWITCHES

- INSULATED LUG WHERE APPLICABLE. PROVIDE ENGRAVED TAG DENOTING EQUIPMENT SERVED.
- **B. ENCLOSURES:** 1. INTERIOR GENERAL USE - NEMA 1. STEEL, UNLESS NOTED OTHERWISE. 3. EXTERIOR GENERAL USE - NEMA 3R, STEEL, UNLESS NOTED OTHERWISE.

C. SUPPORTS: PROVIDE ALL SWITCHES WITH GALVANIZED STEEL RACK WHERE MOUNTING ON WALL OR OTHER RIGID SURFACE IS IMPRACTICAL. SWITCHES SHALL NOT BE SUPPORTED BY CONDUIT ALONE. SWITCHES ARE NOT ALLOWED TO MOUNT ON EQUIPMENT. DO NOT UTILIZE DRIVE PIN THROUGH ENCLOSURE OR PLASTIC ANCHORS. SWITCHES SHALL ADHERE TO CODE REQUIRED WORKING SPACE AND SHALL BE READILY ACCESSIBLE.

LIGHTING FIXTURES AND LAMPS

A. WORK INCLUDED: PROVIDE LIGHTING FIXTURE WORK AS SHOWN, SCHEDULED AND SPECIFIED.

- **B. QUALITY ASSURANCE:** WARRANTY FOR LED DRIVER AND LIGHT ENGINE. 2. PROVIDE FLUORESCENT FIXTURES WITH BALLASTS THAT COMPLY WITH CERTIFIED BALLAST MANUFACTURERS ASSOCIATED (CBM) STANDARDS AND CARRY THE CBM MARK ON
- THE LABEL
- 4. FIXTURES SHALL CONFORM TO APPLICABLE U.L. STANDARDS AND BE U.L. OR ETL LISTED.
- 6. ALL ASPECTS OF LIGHTING SHALL ADHERE TO ENERGY CODE COMPLIANCE.

FIXTURE TYPES:

- WIRES AT OPPOSITE CORNERS OF EACH FIXTURE TO STRUCTURE.

### D. INSTALLATION:

- 2. COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN AND ELEVATIONS.
- 3. INSTALL FIXTURES SUCH THAT ILLUMINATION IS NOT OBSTRUCTED. COORDINATE DISCREPANCIES WITH ENGINEER PRIOR TO INSTALLATION.
- 4. INSTALL ALL FIXTURES IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTION.
- 6. PENDANTS SHALL BE SUPPORTED TO BUILDING STRUCTURE. DO NOT SUPPORT VIA CONDUIT SYSTEM.
- 7. PROVIDE 6 FEET LONG FIXTURE WHIPS (MC CABLE) ABOVE ACCESSIBLE CEILINGS WHERE APPLICABLE. "DAISY CHAIN" METHOD IS PROHIBITED. AT INACCESSIBLE SPACE, USE

A. RECEPTACLES: COMMERCIAL SPECIFICATION GRADE RECEPTACLES, NEMA CONFIGURATION AS INDICATED. COORDINATE STYLE OF RECEPTACLE TO BE PROVIDED WITH ARCHITECT.

B. GROUND FAULT CIRCUIT INTERRUPTER (GFCI): INSTALL A GFCI DEVICE AT EACH LOCATION SHOWN AND ADDITIONALLY PROVIDE A GFCI DEVICE WITHIN 25' OF ALL EQUIPMENT MOUNTED OUTDOORS AND/OR ON ROOFS. PROVIDE WR RATED GFCI RECEPTACLE WITH WEATHERPROOF COVER AT ALL EXTERIOR LOCATIONS. DO NOT USE FEED THROUGH

C. WALL SWITCHES: COMMERCIAL SPECIFICATION GRADE 20 AMP TOGGLE SWITCHES WITH MOUNTING YOKE INSULATED FROM MECHANISM, PLASTER EARS AND SIDE OR REAR WIRED

D. INSTALL SWITCHES ON THE STRIKE SIDE OF DOORS A HUNG. ORIENTATE SWITCHES SUCH THAT THE UP POSITION CLOSES THE CIRCUIT. WHERE MORE THAN ONE SWITCH IS IN THE

F. FINISHES SELECTED BY ARCHITECT OR OWNER. DEVICE AND ASSOCIATED COVER FINISHES SHALL MATCH, UNLESS NOTED OTHERWISE.

H. MOUNTING HEIGHTS OF ALL WIRING DEVICES SHALL COMPLY WITH CURRENT ACCESSIBILITY STANDARDS AND LOCAL CODES AS APPLICABLE. OTHERWISE MOUNT AS NOTED ON

REFER TO ARCHITECTURAL DRAWING, ELEVATIONS, ETC. FOR COORDINATION OF WIRING DEVICE LOCATIONS. COORDINATE WITH OTHER SPECIALTY ITEMS, EQUIPMENT AND PROVIDE PIGTAIL TO EACH DEVICE (PHASE, NEUTRAL AND GROUND). CONDUCTORS SHALL BE INSTALLED USING SIDE OR REAR ENTRY LUGS. DO NOT WRAP STRANDED CONDUCTORS

K. OCCUPANCY SENSORS: FURNISH THE TYPE AND QUANTITY AS REQUIRED TO MEET THE CONTROLS INTENT AS INDICATED ON DRAWINGS. THE CONTRACTOR SHALL ADJUST

OCCUPANCY SENSOR FINAL LOCATIONS AS REQUIRED TO CONFORM TO THE FURNISHED OCCUPANCY SENSOR COVERAGE PATTERNS.

A. GENERAL: PROVIDE HEAVY DUTY TYPE DISCONNECT SWITCHES OF THE TYPE, MOUNTING AND SIZE INDICATED. SWITCHES SHALL BE RATED FOR THE VOLTAGE OF THE ASSOCIATED CIRCUIT BEING SERVED. SWITCHES USED AS MOTOR DISCONNECTS SHALL BE HORSEPOWER RATED FOR THE MOTOR SERVED. PROVIDE SOLID NEUTRAL CONNECTION VIA

2. INTERIOR WET LOCATION (KITCHEN, FOOD PREPARATION, HOSE DOWN AND CORROSIVE AREA, ETC.) - NEMA 4X, STAINLESS STEEL.

1. PROVIDE LED FIXTURES THAT COMPLY WITH THE DESIGN LIGHTS CONSORTIUM (DLC)STANDARDS AND ARE DLC LISTED. FIXTURES SHALL HAVE MINIMUM 5-YEAR REPLACEMENT

3. PROVIDE HID FIXTURES WITH BALLASTS DESIGNED AND MANUFACTURED IN ACCORDANCE WITH ANSI STANDARDS.

5. EMERGENCY FIXTURES SHALL CONFORM TO THE REQUIREMENTS OF NFPA 101, NFPA 70 (NEC) AND SHALL BE UL924 CODE COMPLIANT.

1. EMERGENCY/EGRESS FIXTURE (EXIT SIGNS & EMERGENCY LIGHTING UNITS) - PROVIDE FIXTURES WITH BATTERY DESIGNED TO ILLUMINATE A MINIMUM OF 90 MINUTES UPON LOSS OF POWER. FIXTURES SHALL HAVE SELF DIAGNOSTICS FEATURE. EXIT FIXTURE DIRECTIONAL ARROWS ORIENTATION SHALL COORDINATE WITH ARCHITECTURAL EGRESS PLAN. PROVIDE AN UN-SWITCHED HOT CONDUCTOR, FROM LOCAL LIGHTING CIRCUIT, TO ALL BATTERY POWERED EGRESS FIXTURES. 2. LAY-IN TROFFER FIXTURES - PROVIDE LOUVERS, LENSES, REFLECTORS AS SCHEDULED. ACRYLIC PANEL STYLE LENSES SHALL BE .125 INCH THICK MINIMUM, PROVIDE TWO TIE

3. RECESSED DOWNLIGHT FIXTURES- PROVIDE FIXTURES WITH HOUSING AND TRIM RING COMPATIBLE WITH CEILING PER ARCHITECTURAL FINISH SCHEDULE. COORDINATE TRIM FINISH WITH ARCHITECT. WHERE INSTALLED IN GRID CEILING, PROVIDE TWO TIE WIRES AT APPOSITE CORNERS OF EACH FIXTURE TO STRUCTURE. 4. EXTERIOR FIXTURES - HOUSINGS SHALL BE ALUMINUM OR STAINLESS STEEL. FIXTURES SHALL BE U.L. LISTED FOR WET LOCATION. FINAL AIMING OF ADJUSTABLE FLOOD FIXTURES SHALL BE DONE AT NIGHT AND APPROVED BY THE ARCHITECT AND OWNER. FIXTURE PEDESTAL/FOUNDATION IS THE RESPONSIBILITY OF THE CONTRACTOR

1. STANDARDS - COMPLY WITH NEMA STANDARDS, NECA STANDARDS OF INSTALLATION AND APPLICABLE REQUIREMENTS OF NEC.

5. IN NO INSTANCE SHALL FIXTURES BE SUPPORTED BY SUSPENDED CEILING GRID OR ASSOCIATED SUPPORTS

JUNCTION BOX FURNISHED WITH LIGHT FIXTURE LISTED FOR THROUGH WIRING VIA USE OF CONDUIT.



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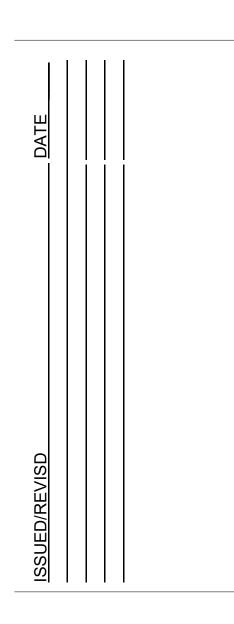
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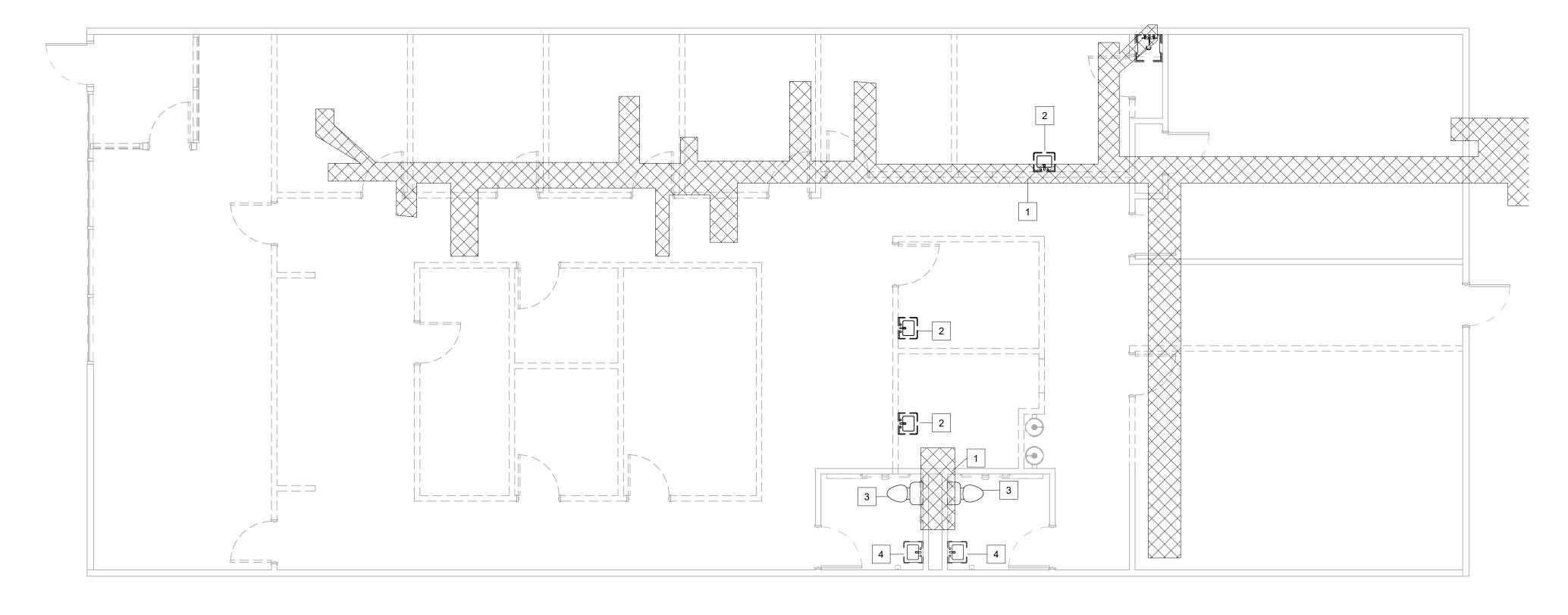
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Route 21 & 79 **Greene Plaza** Waynesburg, PA 15370 Greene County



Owner Cindy Yorio 724) 998-3582 yyorio.icloud.co

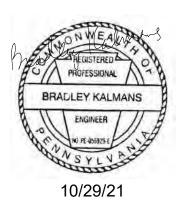






# Architect +one design P.O. BOX 40232 Baton Rouge, LA 70835 (225) 383-0664 fritz@plus1dc.com

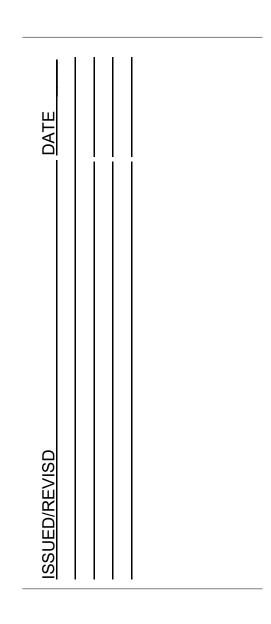
	PLUMBING KEYED NOTES								
Key Value	Keynote Text								
1	PROPOSED AREA OF SAW CUTTING. AREA SHOWN, IS FOR INTENT PURPOSES ONLY. CONTRACTOR SHALL SAW CUT CONCRETE AS REQUIRED FOR PROPER INSTALLATION OF NEW PLUMBING SYSTEMS.								
2	REMOVE LAVATORY AND ALL RELATED APPURTENANCES. PLUG SEWER, CAP HOT & COLD WATER LINES EXPOSED IN FINISHED SPACE FOR FUTURE CONNECTION.								
3	EXISTING WATER CLOSET TO BE RE-USED. CONTRACTOR SHALL INSPECT WATER CLOSET & PIPING AND ADVISE IF THE EXISTING PIPING IS IN GOOD CONDITION AND MAY BE RE-USED. CONTRACTOR SHALL SUBMIT A WRITTEN REPORT DESCRIBING THE PIPING CONDITION ALONG WITH A CREDIT AMOUNT FOR EXISTING PIPING TO BE RE-USED.								
4	EXISTING LAVATORY TO BE RE-USED. CONTRACTOR SHALL INSPECT LAVATORY & PIPING AND ADVISE IF THE EXISTING PIPING IS IN GOOD CONDITION AND MAY BE RE-USED. CONTRACTOR SHALL SUBMIT A WRITTEN REPORT DESCRIBING THE PIPING CONDITION ALONG WITH A CREDIT AMOUNT FOR EXISTING PIPING TO BE RE-USED.								



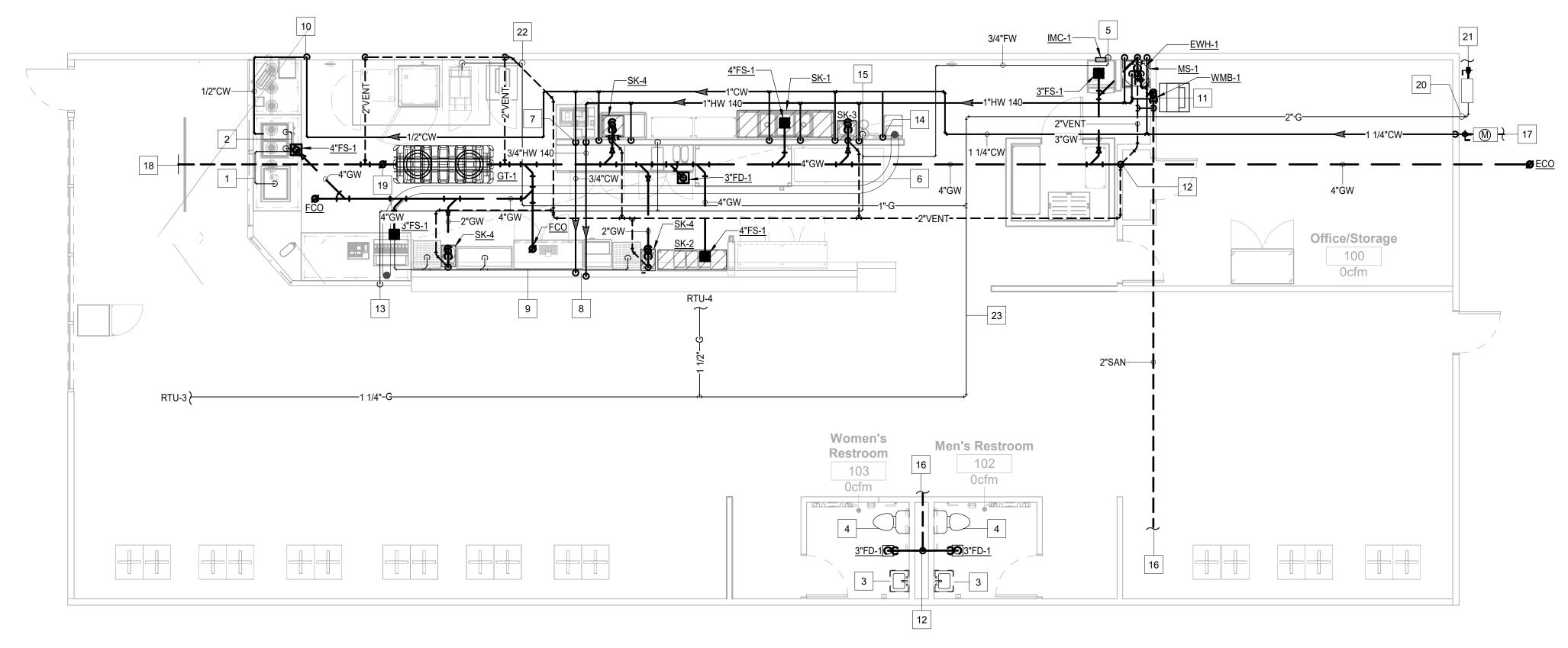
# Route 21 & 79 Greene Plaza Space #2 Waynesburg, PA 15370 Greene County



Owner Cindy Yorio (724) 998-3582 cindyyorio.icloud.cor







# PLUMBING CONSTRUCTION PLAN

Scale: 3/16" = 1'-0"

# PLUMBING GENERAL NOTES

- 1. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING BELOW SLAB WITH COLUMN FOOTINGS, GRADE BEAMS, UNDERGROUND PLUMBING AND ELECTRICAL UTILITIES, AND OTHER SUB-SURFACE BUILDING ELEMENTS.
- 2. CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.
- 3. COORDINATE ALL FIXTURE AND EQUIPMENT LOCATIONS AND CONNECTION REQUIREMENTS WITH LATEST ARCHITECTURAL DRAWINGS AND SPECIFICATIONS PRIOR TO ANY ROUGH-INS.
- 4. DO NOT ROUGH-IN FROM THESE DRAWINGS. REFER TO LATEST ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS.
- CONTRACTOR TO FIELD VERIFY AS NECESSARY THE EXACT ROUTING AND SIZES OF ALL PIPING.
   ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE, INSPECTION REGULATIONS AND ALL OTHER
- OFFICIALS HAVING JURISDICTION. 7. EACH VENT SHALL TERMINATE VERTICALLY NOT LESS THAN 6" ABOVE ROOF, MAINTAIN MINIMUM 10'-0" DISTANCE BETWEEN VENT TERMINALS THROUGH ROOF AND ALL FRESH AIR INTAKES, AND A
- 8. PRIOR TO BEGINNING CONSTRUCTION, COORDINATE BUILDING BACKFLOW PREVENTION

MINIMUM 5'-0" FROM ANY EXTERIOR WALL.

- REQUIREMENTS WITH THE LOCAL AUTHORITY HAVING JURISDICTION AND PROVIDE AS DIRECTED. 9. WITHIN THE EXISTING BUILDING, SAWCUT AND REMOVE EXISTING FLOOR SLAB AS REQUIRED TO
- PROVIDE NEW AND/OR RELOCATED PLUMBING FIXTURES, CLEANOUTS, AND UNDERSLAB WASTE AND VENT PIPING. PATCH AND REFINISH FLOOR TO MATCH EXISTING.
- 10.IN AREAS WHERE THE FLOOR SLAB IS REMOVED, CONTRACTOR SHALL ALSO REMOVE UNDERSLAB WASTE AND VENT PIPING WHICH SERVES FIXTURES DESIGNATED FOR REMOVAL. PRIOR TO ANY REMOVAL, FIELD VERIFY THAT LINES TO BE REMOVED DO NOT SERVE ANY EXISTING FIXTURES TO REMAIN OR NEW FIXTURES TO BE INSTALLED.
- 11.IN AREAS WHERE THE FLOOR SLAB IS NOT REMOVED, CONTRACTOR SHALL ABANDON IN PLACE ANY UNDERSLAB WASTE AND VENT PIPING NO LONGER NEEDED, UNLESS THE PIPING MUST BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION. IF NEW WORK DOES NOT NECESSITATE THEIR REMOVAL, CUT AND PLUG SUCH LINES BELOW SLAB, AND PATCH FLOOR TO MATCH EXISTING.
- 12.FIELD VERIFY EXACT LOCATION, SIZE, DEPTH, DIRECTION OF FLOW, CAPACITY, PIPE MATERIAL AND CONDITION OF EXISTING WASTE PIPING PRIOR TO BEGINNING CONSTRUCTION. ENSURE THAT PROPER CONNECTIONS TO AND EXTENSION OF SUCH UTILITIES CAN BE MADE.
- 13.WASTE LINES TO BE RE-USED OR RECONNECTED TO SHALL BE THOROUGHLY RODDED OUT AND FLUSHED TO ENSURE THEY ARE FREE FROM BLOCKAGES.
- 14.CONTRACTOR TO COORDINATE ALL REMODEL WORK WITH THE WORK OF OTHER TRADES TO AVOID CONFLICTS AND TO MINIMIZE INTERRUPTION OF SERVICES.
- 15. THE PROPER INSTALLATION OF NEW FIXTURES AND THE PROPER CONTINUED OPERATION OF EXISTING FIXTURES TO REMAIN SHALL DETERMINE THE EXTENT AND NATURE OF PLUMBING REMODEL WORK.

# PLUMBING KEYED NOTES

Keynote Text 1" DRAIN LINE ROUTED TIGHT TO UNDERSIDE OF CABINET FOR REFRIGERATED COLD PANS (ITEM #53 ON EQUIPMENT PLAN).

 (2) 1/2" DRAIN LINES PROVIDED WITH 1" DRAIN MANIFOLD. ROUTE DRAIN LINE TIGHT TO UNDERSIDE OF CABINET FOR WARMER WITH AUTO WATER FILL (ITEM #55 ON EQUIPMENT PLAN).
 EXISTING LAVATORY TO REMAIN AND BE RE-USED.

EXISTING WATER CLOSET TO REMAIN AND BE RE-USED. 3/4" FILTERED COLD WATER DOWN TO SERVE UNDERCOUNTER ICE MAKER, (ITEMS #73 ON EQUIPMENT PLAN).

ROUTE 6" PVC ELECTRICAL CONDUIT WITH LONG SWEEPING ELBOWS OVERHEAD IN CEILING SPACE FOR SODA LINES FROM BAG-N-BOX SODA SYSTEM TO ICE/BEVERAGE DISPENSER (ITEMS #82 & #86 ON EQUIPMENT PLAN). COORDINATE FINAL ROUTING WITH KITCHEN CONSULTANT/OWNER PRIOR TO CONSTRUCTION.

ROUTE 3/4" HOT AND COLD WATER DOWN INSIDE WALL AND UNDERGROUND TO SERVE PLUMBING FIXTURES LOCATED ON EXTERIOR WALL. ROUTE 3/4" HOT AND COLD WATER UP BELOW COUNTER FROM UNDERGROUND TO SERVE PLUMBING

FIXTURES LOCATED ON EXTERIOR WALL. 1" DRAIN LINE ROUTED TIGHT TO UNDERSIDE OF CABINET FOR BACK BAR GLASS STORAGE (ITEM #B04 ON

EQUIPMENT PLAN). 1/2" COLD WATER DOWN INSIDE WALL AND ROUTED UNDERCOUTER TO SERVE WARMER WITH AUTO WATER FILL (ITEM #55 ON EQUIPMENT PLAN).

3/4" HOT AND COLD WATER DOWN TO SERVE WASHING MACHINE BOX.
3" VENT UP FROM BELOW. CONTINUE 3" VENT UP THRU ROOF. OFFSET AS REQUIRED TO MAINTAIN MINIMUM OF 10'-0" FROM ANY OUTSIDE AIR INTAKE AND 5'-0" FROM ANY EXTERIOR WALL.
3/4" FILTERED COLD WATER DOWN TO SERVE BEVERAGE DISPENSER (ITEMS #86 ON EQUIPMENT PLAN).
1" COLD WATER DOWN TO WATER FILTRATION SYSTEM. FILTRATION SYSTEM SUPPLIED BY OTHERS.
1" FILTERED WATER UP FROM WATER FILTRATION SYSTEM. FILTRATION SYSTEM SUPPLIED BY OTHERS.
CONNECT NEW SANITARY SEWER PIPING TO NEAREST EXISTING SANITARY AT THIS LOCATION.

CONTRACTOR TO VERIFY EXISTING PIPE SIZE PRIOR TO CONNECTION. 1 1/2" DOMESTIC WATER CONNECTION TO MAIN. CONTRACTOR TO FIELD VERIFY EXISTING MAIN LOCATION PRIOR TO CONSTRUCTION.

4" SANITARY SEWER PIPING. REFER TO CIVIL DRAWINGS FOR CONTINUATION. EPA SAMPLING WELL

GAS PIPING UP TO ROOF.

PROPOSED LOCATION OF NATURAL GAS METER AND REGULATOR ASSEMBLY. METER AND REGULATOR SHALL BE SIZED FOR 510 CFH @80Z AND A TOTAL RUN LENGTH OF 200'-0". LOCATION OF ALL EQUIPMENT TO BE COORDINATED ON SITE. GAS PIPING DOWN THRU ROOF TO SERVE EQUIPMENT.

GAS PIPING DOWN THRO ROOF TO SERVE EQUIPMENT GAS PIPING. REFER TO 10/P4.00 FOR CONTINUATION.





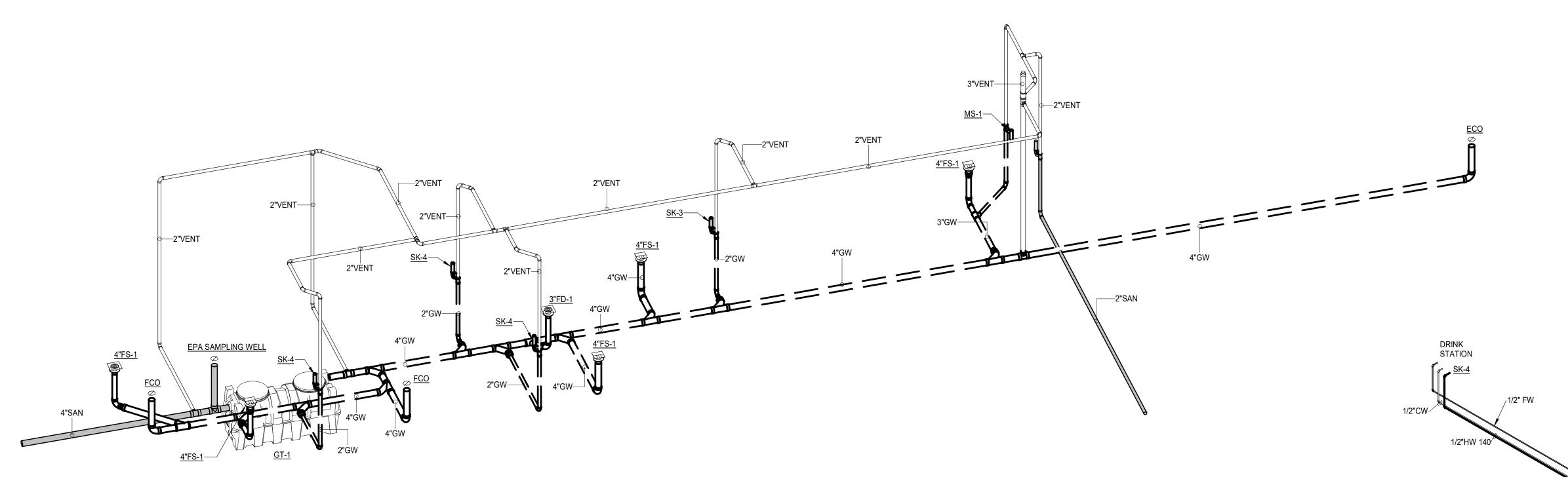
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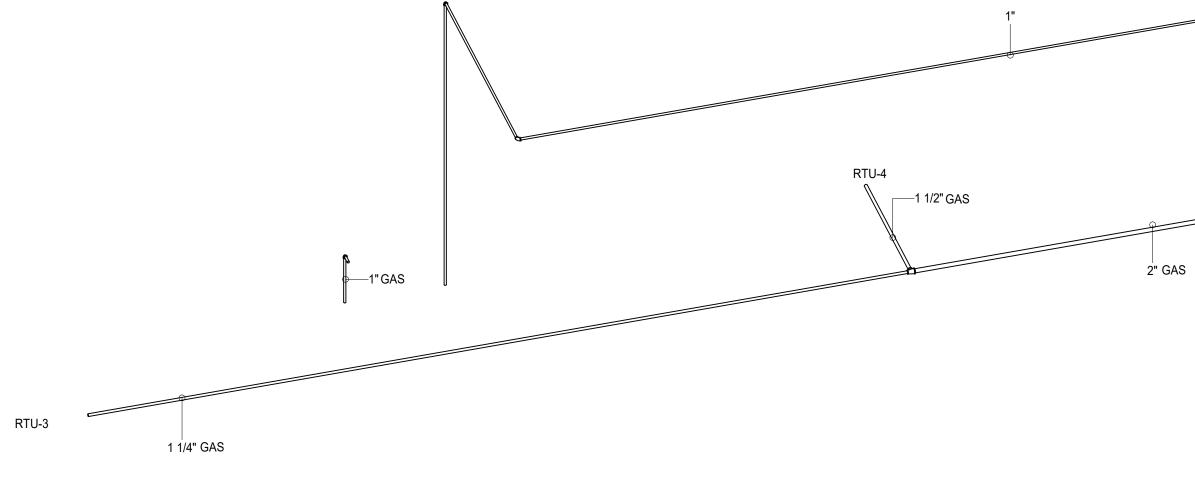
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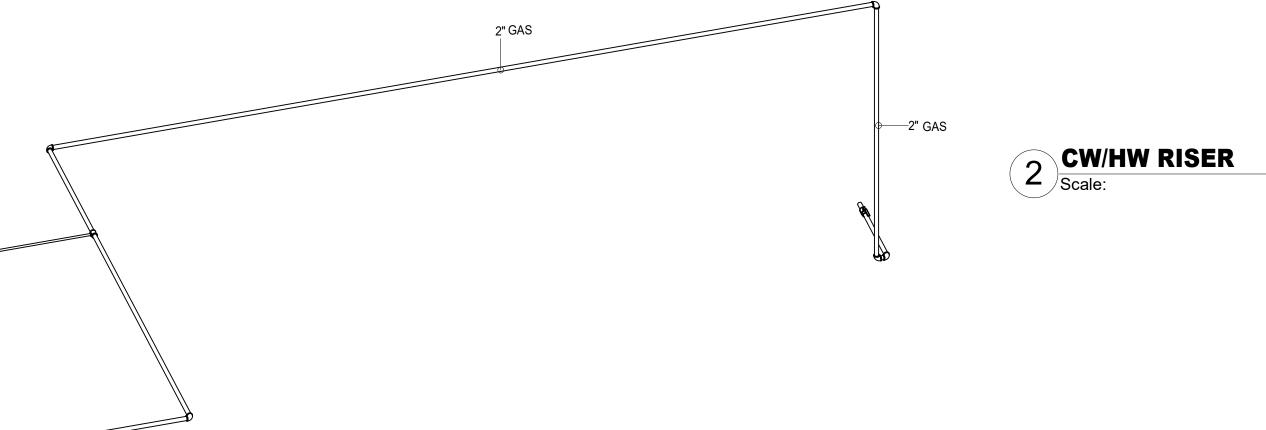
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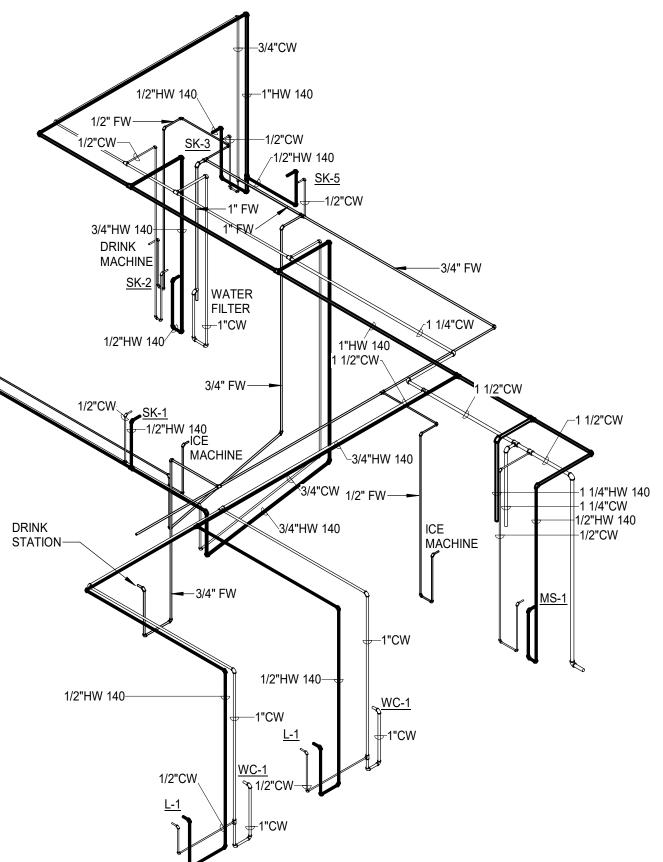








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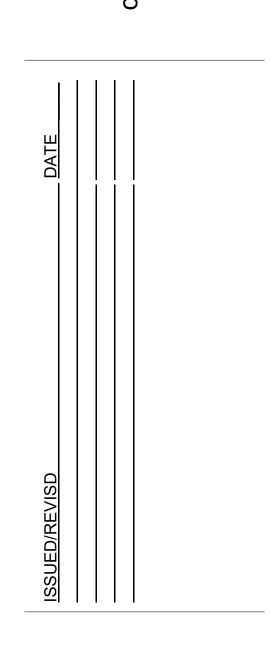


PROFESSIONAL BRADLEY KALMANS ENGINEER 10/29/21

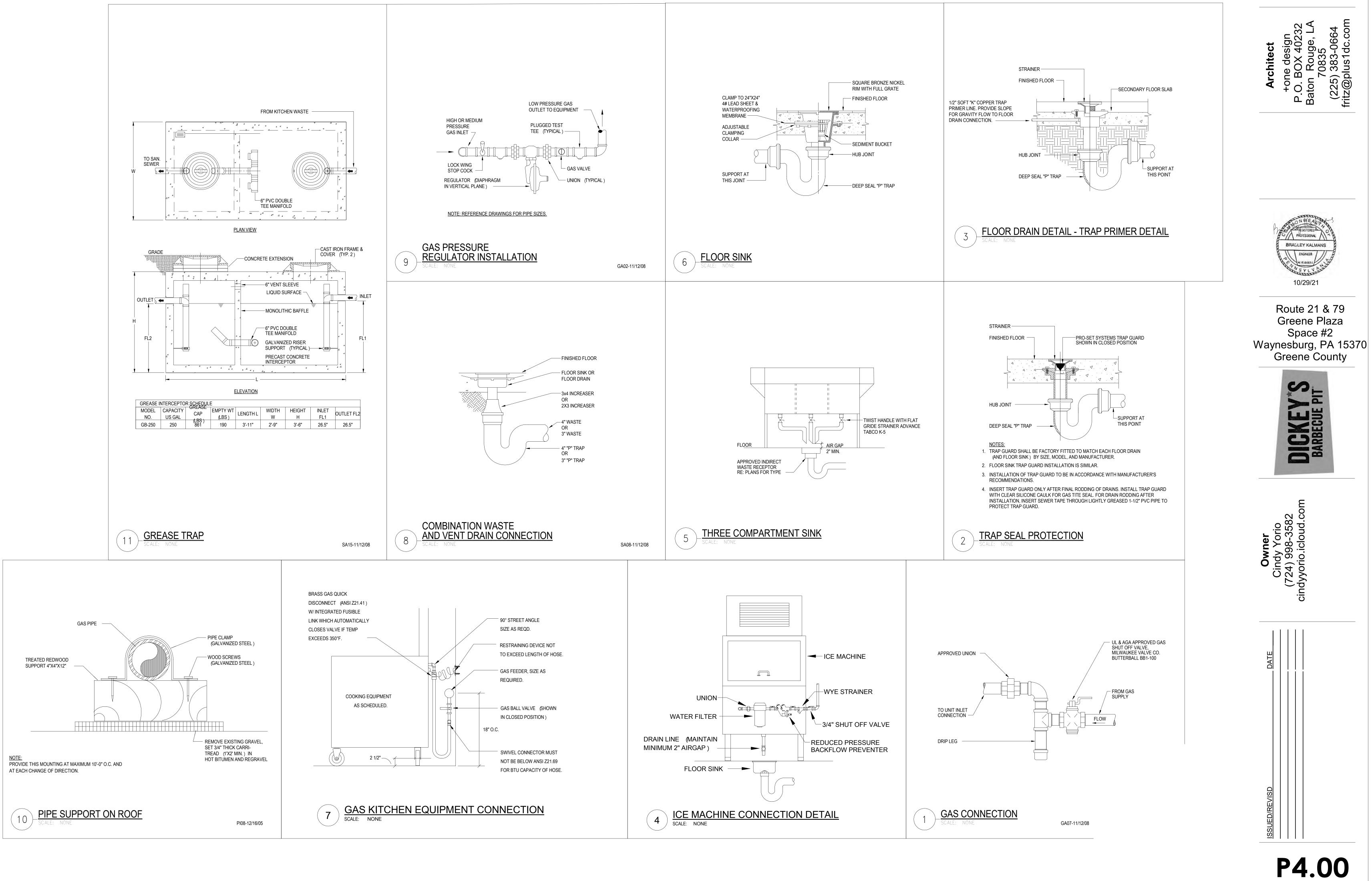
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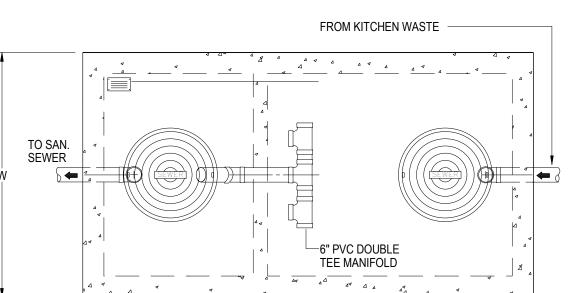


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	PLUMBING PIPING LEGEND				
<u>SYMBOLS</u>	DESCRIPTION	ITEM NO.		KW INPUT	( RI
SAN	SANITARY OR WASTE PIPING ABOVE GRADE (SAN)				
————————————	SANITARY OR WASTE PIPING BELOW GRADE (SAN)	EWH-1		9KW	
GREASE	GREASE WASTE PIPING (GW)	NOTES			
— -GREASE— —	GREASE WASTE PIPING BELOW GRADE (GW)	<u>NOTES:</u> 1.	(*) IF THE	MAXIMU	JM F
D	CONDENSTATE - INDIRECT DRAIN PIPING (D)	2.	FOR ALL / PROVIDE		
	VENT PIPING (V)		<u>EWH-1</u> . A		
CW	COLD WATER PIPING (CW)				
HW	HOT WATER PIPING (HW)				
TP	TRAP PRIMER LINE (TP)				
FIRE	FIRE PROTECTION PIPING (F)				
►	FLOW DIRECTIONAL ARROW				
	SHUT-OFF VALVE				
<b>→</b>	BALL VALVE (BV)				
	UNION				
	REDUCED PRESSURE BACKFLOW PREVENTER (RPBFP)				
	PIPING DOWN				
	RISE OR DROP PIPING				
+0	PIPING UP -OR- PIPING UP & DOWN				
/	CLEANOUT (WALL OR CEILING) (CO)				
\\&	FLOOR CLEANOUT (FCO)				
	EXTERIOR CLEANOUT WITH 18"x18"x4" CONCRETE PAD (ECO)				
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	TWO-WAY CLEANOUT (PROVIDE 18"x24"x4" CONCRETE PAD OUTSIDE)				
¢,	FIRE HYDRANT				
-f	FIRE DEPARTMENT CONNECTION				
<del>_ + _</del>	BRANCH CONNECTION OUT OF SIDE				
1/+	WYE & 1/8TH BEND BRANCH CONNECTION				
P I	WYE BRANCH CONNECTION				
	HOSE BIBB				
+++++++++++++++++++++++++++++++++++++++	THERMOMETER				
	WALL HYDRANT				
★	VALVE IN RISE				
~~~	ASME TEMPERATURE & PRESSURE RELIEF VALVE				
Ę	VACUUM RELIEF VALVE				
	ANGLE VALVE				
1	REFER TO KEYED NOTE				
國	FLOOR SINK (FS)				
0	FLOOR DRAIN (FD)				
0c	FLOOR DRAIN WITH P-TRAP (FD)				
	HUB DRAIN (HD)				
	AIR CHAMBER				
[IE=100.00']	INVERT ELEVATION				
	DELTA CHANGE SYMBOL				

# GENERAL NOTES

- ALL WORK, METHODS AND INSTALLATIONS INVOLVED IN THE PLUMBING DESIGN SHALL BE IN ACCORDANCE WITH THE CITY BUILDING CODE AND INSPECTION REGULATIONS AND ALL OTHER OFFICIALS HAVING JURISDICTION.
- 2. THIS CONTRACTOR SHALL COORDINATE ROUTING OF PIPING IN CEILING SPACES WITH MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTWORK AND CONDUIT. SHOULD A CONFLICT OCCUR THIS CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO INSTALLING AN ALTERNATE PIPING PLAN.

# ELEC. WATER HEATER SCHEDULE

GALS. PER HR. RECOVERY RATE @ 80°F RISE	STORAGE CAPACITY	EFFICIENCY RATING	ELECTRICAL REQUIRED	MOCP*	STORED WATER TEMP	MANUFACTURER COMMENT
46 GALLONS	50 GAL	92%	208V/1Ø 60HZ	60	140°F	A.O. SMITH DEL-50

E MAXIMUM FUSE SIZE OF THE EQUIPMENT PROVIDED EXCEEDS THE SPECIFIED AMOUNT, THE CONTRACTOR SHALL BE RESPONSIBLE L ADDITIONAL COSTS RELATED TO INCREASED FUSE SIZE / WIRE SIZE. E COMBINATION WATER HEATER ISOLATION VALVE AND THERMAL EXPANSION RELIEF DEVIDE ON THE COLD WATER SUPPLY SERVING APOLLO 78-RV SERIES.

	PLUMBING FIX	TURE SC	CHEDULE	<sup>2</sup> 4 <sup>2</sup> <sup>2</sup> <sup>2</sup>
TYPE: DESCRIPTION: SEAT: FLUSH VALVE: ROUGH-INS:	VITREOUS CHINA, ELONGATED BOWL WITH 1-1/2" TOP SPUD INLET. AMERICAN STANDARD "MADERA" 3461.001. ELONGATED OPEN FRONT WHITE PLASTIC SEAT WITH SELF-SUSTAINING CHECK HINGES. CHURCH 9500SSCT.	TYPE: SERVICE: DESCRIPTION: TRAP SEAL: ROUGH-IN: TYPE:	INTERIOR, ALUMINUM DOME BOTTOM STRAINER, STAINLESS STEEL TOP, AND CLAMPING DEVICE. MIFAB FS1730-FLC-3-P-150. PROVIDE PRO-SET SYSTEMS, INC. TRAP GUARD FACTORY FITTED TO MATCH EACH FLOOR SINK BY SIZE, MODEL, AND MANUFACTURER. REFER TO FLOOR PLANS FOR SIZES. COORDINATE FINAL LOCATION WITH ARCHITECTURAL / KITCHEN CONSULTANT DRAWINGS. MS-1	Architect Architect +one design P.O. BOX 4023 Baton Rouge, L 70835 (225) 383-0664 ritz@plus1dc.co
TYPE: DESCRIPTION: MIXING VALVE: STRAINER: P-TRAP: TAILPIECE:	<ul> <li>THERMOSTATIC MIXING VALVE, 140 DEGREES IN, 110 DEGREES OUT, BRONZE FINISH, UNION CONNECTION, 5PSI PRESSURE DIFFERENTIAL, 0.5GPM MIN FLOW/4GPM MAX FLOW. SYMMONS "MAXLINE" 7-225-CK-W.</li> <li>1-1/4" 17 GAUGE OFFSET WHEELCHAIR STRAINER, CHROME PLATED BRASS GRID DRAIN WITH ELBOW AND 17 GAUGE OFFSET TAILPIECE. MCGUIRE 155WC.</li> <li>1-1/4" 17 GAUGE CHROME PLATED HEAVY CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8872.</li> <li>GRAVITY FED TRAP PRIMER TAILPIECE, 1/2" NOMINAL BRANCH CONNECTION. SIOUX CHIEF" 213-092.</li> </ul>	FAUCET: ROUGH-IN:	MOP SINK BASIN, 24" X 24" X 12" TERRAZZO-WARE PRE CAST MOP SINK, COVED CORNERS, 36" HOSE WITH HANGER WALL, RUBBER DRAIN GASKET, STAINLESS STEEL WALL GUARDS, TILING FLANGES, STAINLESS STEEL STRAINER, 3/4" MALE HOES THREAD OUTLET. ACORN "TERRAZZO-WARE" TSH-24-KF24. CHROME PLATED BRASS FAUCET WITH INTEGRAL CHECK AND SHUT OFF STOP, WALL MOUNTED, VACUUM BREAKER SPOUT WITH BUCKET HOOK AND 3/4" HOSE THREAD OULET. VANDAL RESISTANT HANDLES, ADJUSTABLE TOP BRACE. CHICAGO 445-897SRCXKCP. 3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER.	
SUPPLIES: ROUGH-INS: TYPE:	1/2" I.P.S. X 3/8" O.D.CHROME PLATED LOOSE KEY STOP VALVE WITH ESCUTCHEON AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165LK. 2" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT. SK-1 - 3-COMPARTMENT SINK	TYPE: DESCRIPTION:	GT-1 250 GALLON GREASE TRAP, PRECAST CONCRETE WITH STEEL REINFORCEMENT AND MANHOLE ACCESS COMPLETE WITH TRAFFIC RATED COVERS AND FRAMES. DETAILED ON DRAWINGS. PROVIDE PARK EQUIPMENT OR APPROVED SAMPLE WELL ON DISCHARGE SIDE OF GREASE INTERCEPTOR.	
DESCRIPTION: FAUCET: STRAINER: SUPPLIES:	TWO, WALL MOUNTED, CHROME PLATED BRASS, 12" SWING SPOUT ON 8" CENTERS. CHICAGO 540. HEAVY DUTY STEEL BASKET STRAINER WITH 1-1/2" TAILPIECE AND LOCK NUTS. MCGUIRE 151A. 1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165.	TYPE: DESCRIPTION: ROUGH-INS:	HB-1 HOSE BIBB, FREEZELESS, CHROME PLATED BRASS FINISH WITH ANTI-SIPHON VACUUM BREAKER. INSTALL WITH BOTTOM OF HYDRANT 24" A.F.F. WOODFORD MODEL 30. 3/4" COLD WATER	REGISTERED PROFESSIONAL BRADLEY KALMANS ENGINEER
ROUGH-INS: TYPE: DESCRIPTION: FAUCET: MIXING VALVE:	PROVIDED BY KITCHEN CONSULTANT.	TYPE: SERVICE: TYPE:	FCO FLOOR CLEANOUT, CAST IRON BODY WITH SECONDARY O-RING TEST SEAL AND ADJUSTABLE COMBINED ACCESS COVER/PLUG TOP ASSEMBLY WITH PRIMARY GASKET SEAL, AND ROUND SCORIATED NICKEL BRONZE COVER. MIFAB C1100-R-1. IMC-1	10/29/21
STRAINER: P-TRAP: SUPPLIES:	FLOW/4GPM MAX FLOW. SYMMONS "MAXLINE" 7-225-CK-W. CHROME PLATED BRASS FLAT GRID SINK STRAINER, WITH 1-1/2" X 4", 20 GAUGE TAILPIECE. MCGUIRE 152. 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912. 1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME	DESCRIPTION: ROUGH-INS:		Route 21 & 79 Greene Plaza Space #2 Waynesburg, PA 15370
TYPE:	PLATED FLEXIBLE RISERS. MCGUIRE 2165. 3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT. SK-3 - DISHTABLE SINK PROVIDED BY KITCHEN CONSULTANT. CHROME PLATED DECK MOUNTED PRE-RINSE FACUET ON 8" CENTERS. CHICAGO	GENERAL NOTES:	ARCHITECT/CASEWORK DRAWINGS. ALL LAVATORIES AND SINKS SHALL BE SUPPLIED WITH HOT AND COLD WATER TO FAUCETS AS INDICATED ON PLANS AND FIXTURE SCHEDULE. PROVIDE CHROME PLATED BRASS SUPPLY STOPS WITH LOOSE KEYS AND WALL ESCUTCHEONS. PROVIDE CHROME PLATED FLEXIBLE RISERS OF SIZE REQUIRED TO PROPERLY CONNECT FIXTURES. PROVIDE 17 GAUGE CHROME PLATED CAST BRASS P-TRAP	Greene County
STRAINER: SUPPLIES: ROUGH-INS:	527-919SLCP. HEAVY DUTY STEEL BASKET STRAINER WITH 1-1/2" TAILPIECE AND LOCK NUTS. MCGUIRE 151A. 1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165. 3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.		WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON. REFER TO SPECIFICATIONS FOR ACCEPTABLE MANUFACTURERS AND FIXTURE SCHEDULE FOR MINIMUM SIZES OF PLUMBING FIXTURE ROUGH-INS. PROVIDE MOLDED CLOSED CELL ANTI-MICROBIAL VINYL INSULATION KITS AT ALL LAVATORIES AND SINKS REQUIRED TO BE A.D.A. ACCESSIBLE (MCGUIRE OR TRUEBRO). ALL SUCH FIXTURES AND FINAL INSTALLATIONS SHALL COMPLY WITH	KEV.
FAUCET:	SK-4 - HAND SINK PROVIDED BY KITCHEN CONSULTANT. CHROME PLATED DECK MOUNTED PRE-RINSE FACUET ON 8" CENTERS. CHICAGO 527-919SLCP. THERMOSTATIC MIXING VALVE, 140 DEGREES IN, 110 DEGREES OUT, BRONZE		THE AMERICANS WITH DISABILITIES ACT (A.D.A.). INSERT TRAP GUARDS AFTER FINAL RODDING OF DRAINS. INSTALL TRAP GUARD WITH CLEAR SILICONE CAULK FOR GAS-TIGHT SEAL. FOR DRAIN RODDING AFTER INSTALLATION. INSERT SEWER TAPE THROUGH LIGHTLY GREASED 1-1/2" PVC PIPE TO PROTECT TRAP GUARD.	BARB
P-TRAP: STRAINER:	FINISH, UNION CONNECTION, 5PSI PRESSURE DIFFERENTIAL, 0.5GPM MIN FLOW/4GPM MAX FLOW. SYMMONS "MAXLINE" 7-225-CK-W. 1-1/2" 17 GAUGE CHROME PLATED CAST BRASS TRAP WITH CLEANOUT AND EXTENSION TO WALL WITH ESCUTCHEON PLATE. MCGUIRE 8912. HEAVY DUTY STEEL BASKET STRAINER WITH 1-1/2" TAILPIECE AND LOCK NUTS. MCGUIRE 151A.		APPROVED EQUAL MANUFACTURERS AND MODEL NUMBERS CAN BE PROVIDED FOR THE MANUFACTURERS AND MODEL NUMBERS OF THE FIXTURES AND EQUIPMENT LISTED IN THE ABOVE SPECIFICATIONS.	E
SUPPLIES: ROUGH-INS: TYPE:	<ul> <li>1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165.</li> <li>3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.</li> <li>SK-5 - 3 COMPARTMENT SINK</li> </ul>			<b>1er</b> Yorio 8-3582 cloud.c
DESCRIPTION: FAUCET: STRAINER:	PROVIDED BY KITCHEN CONSULTANT. TWO, WALL MOUNTED, CHROME PLATED BRASS, 12" SWING SPOUT ON 8" CENTERS. CHICAGO 540. HEAVY DUTY STEEL BASKET STRAINER WITH 1-1/2" TAILPIECE AND LOCK NUTS. MCGUIRE 151A.			<b>Owi</b> Cindy (724) 99 dyyorio.i
SUPPLIES: ROUGH-INS: TYPE:	<ul> <li>1/2" I.P.S. X 3/8" O.D. WITH ESCUTCHEONS AND 3/8" COMPRESSION CHROME PLATED FLEXIBLE RISERS. MCGUIRE 2165.</li> <li>3" WASTE, 2" VENT, 1/2" HOT AND COLD WATER. REFER TO ARCHITECTURAL DRAWINGS FOR REQUIRED HEIGHT.</li> <li>FD-1</li> </ul>			cinc
TYPE: DESCRIPTION: TRAP SEAL: ROUGH-IN:				

# PLUMBING FIXTURE SCHEDULE



JED/REV

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## <u>GENERAL</u>

A. PERFORM WORK IN ACCORDANCE WITH APPLICABLE STATUTES, ORDINANCES, REGULATIONS OF GOVERNMENTAL AUTHORITIES HAVING JURISDICTION.

B. OBTAIN ALL PERMITS REQUIRED.

C. CONTRACT DRAWINGS ARE DIAGRAMMATIC ONLY AND DO NOT GIVE FULLY DIME LOCATIONS OF VARIOUS ELEMENTS OF WORK. DETERMINE EXACT LOCATIONS FRO MEASUREMENTS.

D. GUARANTEE WORK FOR 1 YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION PROJECT. DURING THAT PERIOD MAKE GOOD ANY FAULTS OR IMPERFECTIONS TH DUE TO DEFECTS OR OMISSIONS IN MATERIAL, EQUIPMENT OR WORKMANSHIP. AT OWNER'S OPTION, REPLACEMENT OF FAILED PARTS OR EQUIPMENT SHALL BE PRO

E. PROVIDE FINISHES TO MATCH APPROVED SAMPLES. ALL EXPOSED FINISHES SH APPROVED BY THE ARCHITECT. SUBMIT COLOR SAMPLES AS REQUIRED

F. COMPLY WITH INSTRUCTIONS IN FULL DETAIL, INCLUDING EACH STEP IN SEQUEI SHOULD INSTRUCTION CONFLICT WITH CONTRACT DOCUMENTS, REQUEST CLARIF ARCHITECT / ENGINEER BEFORE PROCEEDING.

G. PROVIDE NAMEPLATES WITH 1/2" HIGH LETTERS AND FASTENED WITH EPOXY O H. MAINTAIN QUALITY CONTROL OVER SUPERVISION, SUBCONTRACTORS, SUPPLIE MANUFACTURERS, PRODUCTS, SERVICES, SITE CONDITIONS AND WORKMANSHIP

WORK IN ACCORDANCE WITH CONTRACT DOCUMENTS. I. COMPLY WITH INDUSTRY STANDARDS EXCEPT WHEN MORE RESTRICTIVE TOLE

SPECIFIED REQUIREMENTS INDICATE MORE RIGID STANDARDS OR MORE PRECISE WORKMANSHIP.

J. PERFORM WORK BY PERSONS QUALIFIED TO PRODUCE WORKMANSHIP OF SPEC QUALITY.

K. SECURE PRODUCTS IN PLACE WITH POSITIVE ANCHORAGE DEVICES DESIGNED TO WITHSTAND STRESSES, VIBRATION, AND RACKING. UNDER NO CONDITIONS SH/ MATERIAL OR EQUIPMENT BE SUSPENDED FROM STRUCTURAL BRIDGING.

PLUMBING FIXTURES AND FIXTURE CARRIERS

ACCEPTABLE MANUFACTUTORS:

A. PLUMBING FAUCETS: AMERICAN STANDARD, CHICAGO, T&S BRASS, ZURN, SYMMONS, MOEN COMMERICAL HD, DELTA COMMERCIAL

B. THERMOSTATIC MIXING VALVES: LAWLER, SYMMONS, POWERS, HOLBY, ACC. SUPPLIES, STOPS AND CHROME PLATED TUBULAR BRASS: MCGUIRE, KOHL

CHICAGO, ZURN, BRASSCRAFT

D. FLOOR DRAINS: ZURN, J.R. SMITH, JOSAM, WADE, WATTS/ANCON, SIOUX CHIEF, MIFAB

E. CLEANOUTS: ZURN, J.R. SMITH, JOSAM, WADE, WATTS/ANCON, MIFAB

F. STAINLESS STEEL SINKS: ELKAY, JUST

INSTALLATION

A. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

B. PROVIDE NECESSARY STOPS, VALVES, TRAPS, UNIONS, VENTS, COLD WATE HOT WATER, SANITARY, ETC. FOR A COMPLETE INSTALLATION.

C. REMOVE PIPING AND SERVICES ROUGHED-IN INCORRECTLY AND INSTALL CORRECTLY, WITHOUT COST.

D. EXPOSED PIPING, FITTINGS AND APPURTENANCES SHALL BE CHROME-PLA BRASS.

ELECTRIC WATER HEATER

`3" OUTLET CONNECTION.

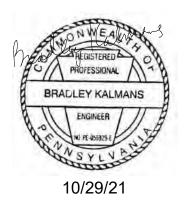
A. ACCEPTABLE MANUFACTURERS: LOCHINVAR, STATE, RHEEM/RUUD, A.O. SMITH B. PROVIDE ELECTRIC WATER HEATERS WITH KILOWATT, RECOVERY RATINGS, AND CAPACITIES AS SCHEDULED ON DRAWINGS.

C. PROVIDE AT EACH HEATER AN AUTOMATIC TEMPERATURE AND PRESSURE RELIE WITH RATING MATCHING OR EXCEEDING THE ENERGY INPUT RATE. D. INSTALL WATER HEATER IN GALVANIZED DRAIN PAN PIPED TO FLOOR DRAIN. PRO

# PLUMBING SPECIFICATIONS

	SOIL. WASTE AND SANITARY DRAIN PIPING. VENT PIPING AND APPURTENANCES	DOMESTIC WATER INSULATION
ES, CODES AND DIMENSIONED FROM FIELD TION OF THE THAT MAY ARISE . AT THE PROVIDED. SHALL BE UENCE. RIFICATION FROM	SOIL, WASTE AND SANITARY DRAIN PIPING, VENT PIPING AND APPURTENANCES         A. ABOVE SLAB PIPING: SCHEDULE 40 PVC PLASTIC PIPE AND DWV FITTINGS WITH SOLVENT         WELDED JOINTS. PIPE AND FITTINGS SHALL CONFORM TO ASTM D 1784-82.         B. BELOW SLAB ON GRADE PIPING: SCHEDULE 40 PVC PLASTIC PIPE AND DWV FITTINGS.         SOLVENT WELDED DWV JOINTS SHALL CONFORM TO IAPMO INSTALLATION STANDARD IS-9.         PIPE AND FITTINGS SHALL CONFORM TO ASTM D 1784, ASTM D 2665, ASTM D 3311 AND NPS STANDARD 14 & 61.         C. ABOVE SLAB PIPING. PROVIDE SCHEDULE 40 PVC PLASTIC PIPE AND DWV FITTINGS WITH SOLVENT WELDED JOINTS. PIPE AND FITTINGS SHALL CONFORM TO ASTM D 1784-82.         D. BELOW SLAB ON GRADE PIPING: SAME AS DRAIN PIPE AND FITTINGS LISTED ABOVE.         E. ABOVE SLAB PIPE: DRAINAGE-WASTE-VENT COPPER PIPE AND FITTINGS FOR WASTE STUB-OUTS FOR ALL FIXTURE LOCATIONS.         F. TESTING: BELOW SLAB ON GRADE AND ALL FLOORS IN MULTI-STORY BUILDINGS: TEST PIPE BELOW SLAB ON GRADE BEFORE BACKFILLING AND CONNECTING TO CITY SEWERS.         MAINTAIN NOT LESS THAN 10 FOOT OF HYDROSTATIC HEAD FOR1 HOUR WITHOUT A LEAK.         G. RODDING SEWERS: ALL SANITARY SOIL AND WASTE LINES, BOTH IN THE BUILDING AND OUT, SHALL BE RODDED DUT AND FLOSHED OUT AFTER COMPLETION OF CONSTRUCTION AND PUPE DUD TO DUPT OF DUPOT	<ul> <li>A. ELASTOMERIC INSULATION: INSULATION MATERIAL SHALL BE 1/2" FLEX CLOSED-CELL ELASTOMERIC INSULATION IN TUBULAR OR SHEET FORM. A FLAME SPREAD RATING OF 25 OR LESS AND A SMOKE DEVELOPED RAT WHEN TESTED IN ACCORDANCE WITH ASTM E84, LATEST REVISION.</li> <li>B. FIBERGLASS INSULATION: 1/2" THICK HEAVY DENSITY, DUAL TEMPERA INSULATION WITH FACTORY APPLIED, ALL SERVICE, REINFORCED VAPOP HAVING INTEGRAL LAMINATED VAPOR BARRIER. PROVIDE WITH A FACTO SENSITIVE TAPE CLOSURE SYSTEM AND MATCHING BUTT STRIPS.</li> <li>C. COVER ALL COLD &amp; HOT WATER PIPING WITH INSULATION BY SLITTING SECTIONS OR SLIDING UN-SLIT SECTIONS OVER THE OPEN ENDS OF PIPI SEAMS AND BUTT JOINTS SHALL BE ADHERED AND SEALED USING ADHE</li> <li>D. ALL FITTINGS SHALL BE INSULATED WITH THE SAME INSULATION THIC ADJACENT PIPING. ALL SEAMS AND MITERED JOINTS SHALL BE ADHERED</li> <li>E. INSULATION APPLICATIONS: INDOOR CONCEALED: ELASTOMERIC INDOOR EXPOSED: FIBERGLASS OUTDOOR: ELASTOMERIC WITH WITH TWO COATS OF EITHER WB ( ARMAFLEX FINISH OR FOSTER 30-64 ELASTOMER FOAM COATING.</li> </ul>
PLIERS, IIP TO PRODUCE LERANCES OR	PRIOR TO FINISH FLOOR BEING INSTALLED. ALL WORK MUST BE COMPLETED PRIOR TO SUBSTANTIAL COMPLETION. ALL FLOOR DRAINS AND CLEANOUT LOCATIONS MUST BE INCLUDED IN THIS WORK.	SHALL BE LOCATED ON THE LOWER HALF OF THE PIPE.
LERANCES OR ISE PECIFIED		
PECIFIED ED AND SIZED SHALL	DOMESTIC WATER PIPING AND APPURTENANCES A. FURNISH AND INSTALL DOMESTIC HOT AND COLD WATER PIPING. B. BELOW SLAB ON GRADE PIPING. FURNISH ASTM B 88 AND ANSI/NSF STANDARD 61 COLD DRAWN, TYPE K COPPER WATER TUBE. RUN CONTINUOUS WITH NO JOINTS UNDER THE FLOOR SLAB. PROVIDE COPPER PIPE CORROSION PROTECTION AS SPECIFIED IN THIS SECTION. C. AROVE SLAB PIPING. PROVIDE SEAMLESS ASTM B 88 AND ANSI/NSE STANDARD 61 TYPE I	
RN,	C. ABOVE SLAB PIPING. PROVIDE SEAMLESS ASTM B 88 AND ANSI/NSF STANDARD 61 TYPE L COPPER WATER TUBE WITH WROUGHT COPPER AND BRONZE SOLDER-JOINT, ANSI B16.22. SOLDER MATERIAL SHALL BE 95-5 (LEAD FREE) (TIN-ANTIMONY-GRADE 95TA) ASTM B 32.	
ACORN OHLER,	D. AIR CHAMBERS: PROVIDE A MINIMUM 18-INCH LONG AIR CHAMBER, OF THE SAME SIZE AND CONNECTING PIPE MATERIAL AT EACH SINGLE LAVATORY, SINK, DRINKING FOUNTAIN OR FIXTURE THAT DOES NOT HAVE A QUICK-CLOSING VALVE OR ELECTRICAL, PNEUMATIC, SPRING LOADED TYPE, OR FLUSH VALVE. AIR CHAMBERS TO BE USED FOR REMOTE FIXTURES AND NOT MIXED WITH WATER HAMMER ARRESTORS AT GROUP TOILETS.	
ζ.	E. TESTING: TEST UNDER A COLD WATER HYDROSTATIC PRESSURE OF NOT LESS THAN 200 PSI FOR AT LEAST 15 MINUTES AND CAREFULLY CHECK FOR LEAKS. REPAIR LEAKS AND RETEST SYSTEM UNTIL PROVEN WATERTIGHT. USE ONLY POTABLE WATER FOR THE TEST. PERFORM THE TEST BEFORE FIXTURES, FAUCETS, TRIM OR FINAL CONNECTIONS ARE MADE TO EQUIPMENT.	
	F. COPPER PIPE CORROSION PROTECTION: CORROSION PROTECT COPPER TUBE PIPING SYSTEMS: IN THE BUILDING SLAB.	
	H. COVER COPPER TUBING PIPING SYSTEM WITH: "TAPECOAT" TC PRIMER. EXTEND THE CORROSION PROTECTION 2 INCHES ABOVE CONCRETE SLAB ON GRADE.	
VATER,	I. STERILIZE THE WATER SYSTEM WITH SOLUTION CONTAINING NOT LESS THAN 50PPM AVAILABLE CHLORINE. ALLOW CHLORINATING SOLUTION TO REMAIN IN SYSTEM FOR PERIOD OF 8 HOURS (MINIMUM). HAVE VALVES AND FAUCETS OPENED AND CLOSED SEVERAL TIMES DURING THE PERIOD. AFTER STERILIZATION, FLUSH THE SOLUTION FROM THE SYSTEM WITH CLEAN WATER UNTIL RESIDUAL CHLORINE CONTENT IS LESS THAN 0.2 PARTS PER MILLION.	
PLATED	CLEAN WATER UNTIL RESIDUAL CHLORINE CONTENT IS LESS THAN 0.2 PARTS PER MILLION.	
TH AND STORAGE		
RELIEF VALVE		
PROVIDE		
	<u> </u>	

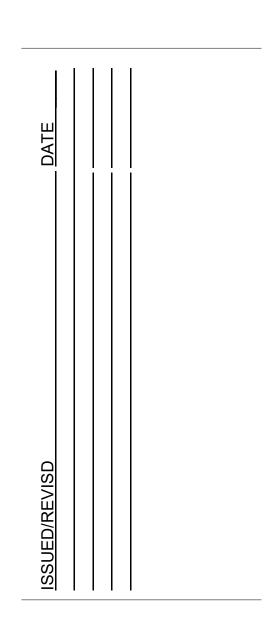
Architect +one design P.O. BOX 40232 Baton Rouge, LA 70835 (225) 383-0664 fritz@plus1dc.com



Route 21 & 79 Greene Plaza Space #2 Waynesburg, PA 15370 Greene County



Owner Cindy Yorio (724) 998-3582 cindyyorio.icloud.col





EXIBLE, M. MATERIAL SHALL HAVE RATING OF 50 OR LESS

ERATURE FIBERGLASS POR BARRIER JACKET CTORY APPLIED PRESSURE

TING TUBULAR PIPING OR TUBING. DHESIVE.

HICKNESS AS THE RED WITH ADHESIVE.

WB OR SB NG. ALL SEAMS

