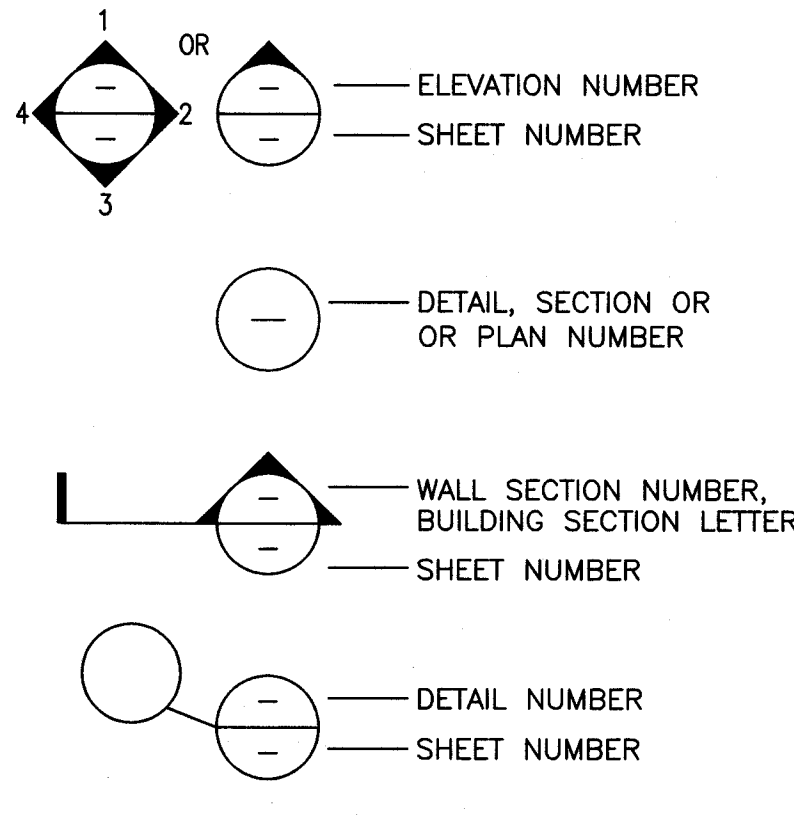


PETLAND

LEE'S SUMMIT MO

TENANT INTERIOR BUILD OUT

SYMBOLOLOGY / LEGEND



ABBREVIATIONS

AC	AIR CONDITIONING	FF	FINISH FLOOR	REBAR	REINFORCING BAR
ACT	ACOUSTICAL CEILING TILE	FR	FIRE RATED	REF	REFERENCE
AFF	ABOVE FINISH FLOOR	GALV	GALVANIZED	REINF	REINFORCE
AHU	AIR HANDLING UNIT	GYPBD	GYP SUM BOARD	REQ'D	REQUIRED
AL	ALUMINUM	HC	HANDICAPPED	RO	ROUGH OPENING
ASPH	ASPHALT	HW	HARDWARE	SB	SPLASHBLOCK
AT	ALUMINUM THRESHOLD	HM	HOLLOW METAL	SHLVS	SHELVES
BD	BOARD	HVAC	HEATING, AIR CONDITIONING, & VENT	SIM	SIMILAR
BLKT	BLANKET	INFO	INFORMATION	SPEC	SPECIFICATION
CJ	CONTROL JOINT	INSUL	INSULATION	SS	STAINLESS STEEL
CLG	CEILING	MAS	MASONRY	STL	STEEL
CMU	CONCRETE MASONRY UNIT	MAX	MAXIMUM	STOR	STORAGE
COL	COLUMN	MECH	MECHANICAL	SUSP	SUSPENDED
CONC	CONCRETE	MFGR/MFR	MANUFACTURER	T	TREAD
CONT	CONTINUOUS	MIN	MINIMUM	TELE	TELEPHONE
CPT	CARPET	MO	MASONRY OPENING	TPD	TOILET PAPER DISPENSER
CT	CERAMIC TILE	MR	MIRROR/MOISTURE RESISTANT	TYP	TYPICAL
C/L	CENTER LINE	MT	MARBLE THRESHOLD	UNO	UNLESS NOTED OTHERWISE
DBL	DOUBLE	MTL	METAL	VCT	VINYL COMPOSITION TILE
DF	DRINKING FOUNTAIN	NA	NOT APPLICABLE	VERT	VERTICAL
DIA	DIAMETER	NIC	NOT IN CONTRACT	VT	VINYL THRESHOLD
DIM	DIMENSION	NOM	NOMINAL	WC	WATER CLOSET
DN	DOWN	NTS	NOT TO SCALE	WD	WOOD
DS	DOWN SPOUT	OC	ON CENTER	WP	WATERPROOF
EA	EACH	OPP	OPPOSITE	WWF	WELDED WIRE FABRIC
EJ	EXPANSION JOINT	PLYWD	PLYWOOD	W/	WITH
ELEC	ELECTRICAL	PFAB	PREFABRICATED		
ELEV./EL	ELEVATION	PSF	POUNDS PER SQUARE FOOT		
EQ	EQUAL	PT	PAINT / PRESSURE TREATED		
EXIST	EXISTING	QT	QUARRY TILE		
FD	FLOOR DRAIN	R	RISER/RADIUS		
FE	FIRE EXTINGUISHER				

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WATER DEPARTMENT:

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ELECTRIC:

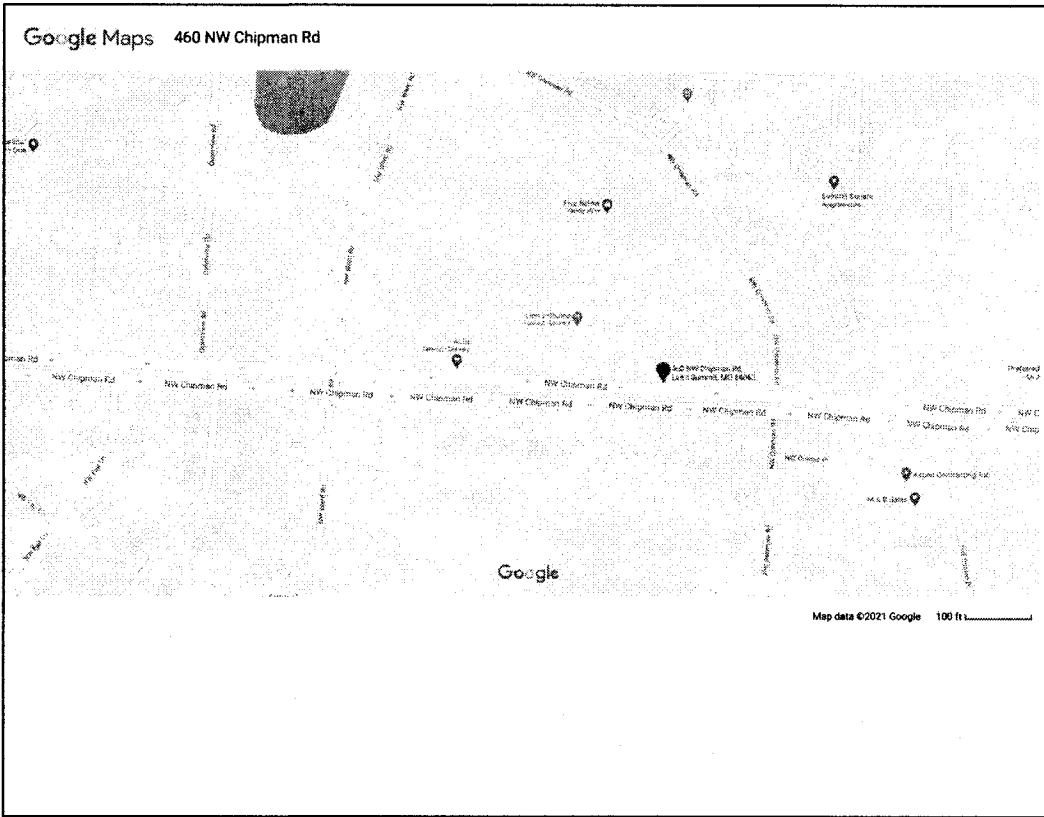
816-554-9382

GAS DEPT:

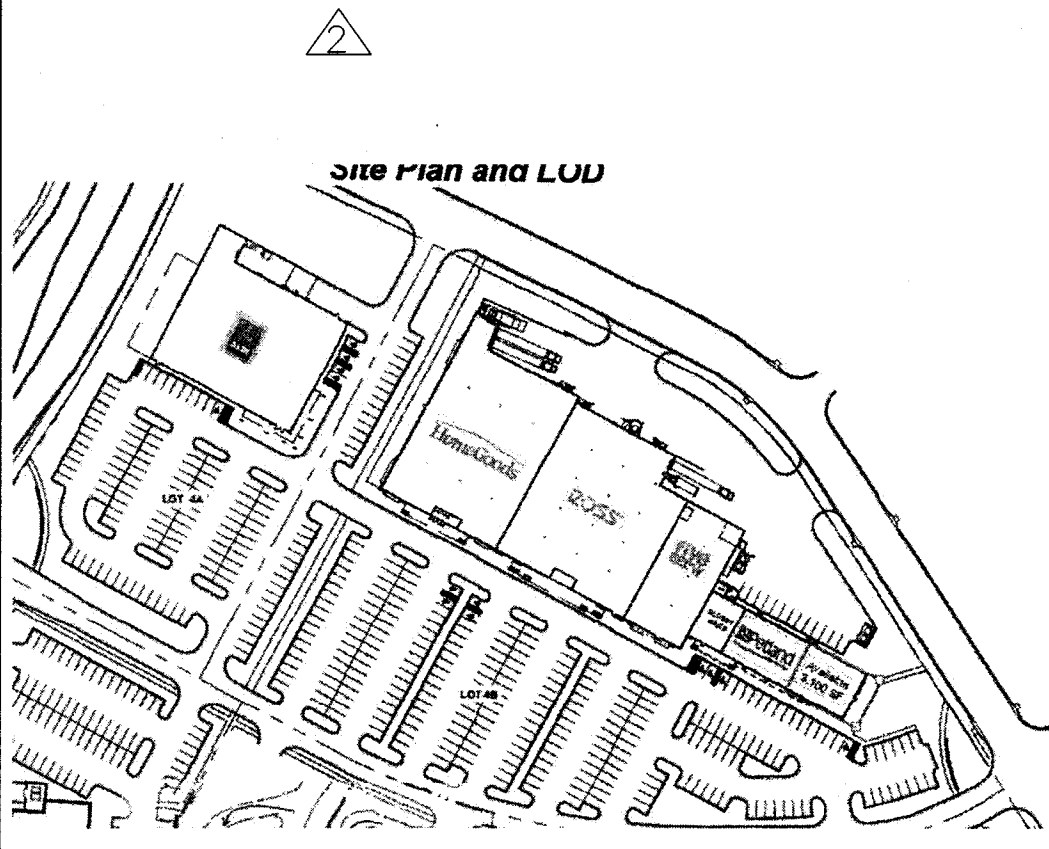
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SHEET INDEX

SHT. NO.	DESCRIPTION
CS	COVER SHEET
ARCHITECTURAL DRAWINGS	
AA	SPECIFICATIONS & L/L SCOPE OF WORK
C1	CODE ANALYSIS & EXIT PLAN
D1	DEMO PLAN
A1	FLOOR PLAN - NEW CONDITIONS
A2	REFLECTED CEILING PLAN, ROOM FINISH, DOOR & COLOR SCHEDULES
A3	DIMENSION PLAN
A4	MISC. DETAILS
A5	INTERIOR ELEVATIONS & WINDOW SCHEDULE
MECHANICAL DRAWINGS	
M1	MECHANICAL FLOOR PLAN
M2	HVAC SCHEDULES & DETAILS
PLUMBING DRAWINGS	
P1	PLUMBING PLAN & NOTES
P2	PLUMBING DRAIN PLAN & NOTES
P3	PLUMBING RISER PLAN
P4	PLUMBING FIXTURE SCHEDULE & NOTES
P5	PLUMBING GAS PLAN
ELECTRICAL DRAWINGS	
E1	LIGHTING PLAN
E2	POWER PLAN
E3	ELECTRICAL SCHEDULE, DETAILS



LOCATION MAP



KEY PLAN

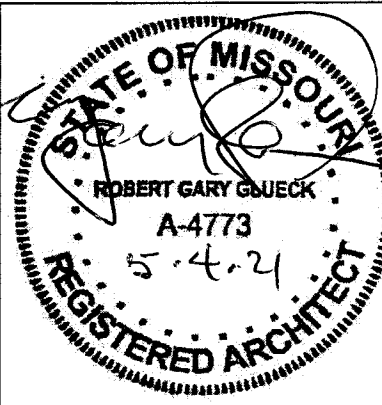


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PETLAND INC.
CHILLICOTHE, MO 45601
TEL: 740-775-2464
CONTACT: TJ EVANS

THE CONTRACTOR SHALL
VERIFY AND BE
RESPONSIBLE FOR ALL
DIMENSIONS AT JOB SITE.

Plans and Specifications for
PETLAND LEE'S SUMMIT
464 NW CHIPMAN RD
LEES SUMMIT MO 64063

DRAWING HISTORY:	
ISSUED FOR	DATE
2 SITE PLAN	4-13-2021

DRAWN BY: STAFF
CHECKED BY: STAFF

DATE: 1/08/2020

PROJECT 3658	SHEET NO. CS
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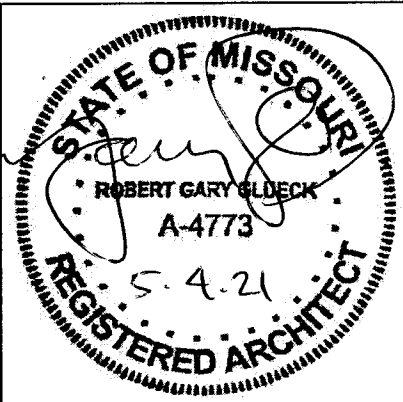


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PETLAND LEE'S SUMMIT
464 NW CHIPMAN RD
LEES SUMMIT MO 64063

DRAWING HISTORY:

ISSUED FOR	DATE

DRAWN BY: STAFF

CHECKED BY: STAFF

DATE: 1/08/2020

PROJECT 3658	SHEET NO. AA
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GENERAL SPECIFICATIONS

A. GENERAL

- THE USE OF THESE DOCUMENTS IS RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY WERE PREPARED. REUSE OR REPRODUCTION OF THE DOCUMENTS (WHOLE OR IN PART) FOR ANY OTHER PURPOSE IS PROHIBITED. TITLE TO THESE DOCUMENTS IN PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.
- THE A.I.A. GENERAL CONDITIONS, CURRENT EDITION, SHALL APPLY TO THE PROJECT. A COPY OF THE CONDITIONS IS AVAILABLE AT THE OFFICES OF PETLAND INC.
- GENERAL CONTRACTORS TO HAVE A JOB PHONE ON PREMISES DURING ENTIRE CONSTRUCTION PERIOD. IF STORE PHONE IS USED BY GENERAL CONTRACTOR OR HIS SUBCONTRACTORS. A PREDETERMINED SUM WILL BE DEDUCTED FROM THE CONTRACT AMOUNT.
- GENERAL CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND FIELD CONDITIONS WITH THE DRAWINGS, IN PARTICULAR, CEILING HEIGHTS, OVERALL WALL DIMENSIONS, CONDITION OF CEILINGS, CAPACITY OF ELECTRICAL SYSTEM FOR NEW LIGHTING LAYOUT ETC. GENERAL CONTRACTOR IS TO REPORT IMMEDIATELY TO THE DESIGNER ANY VARIANCES OR FIELD CONDITIONS THAT MAY CAUSE CONSTRUCTION PROBLEMS PRIOR TO COMMENCING WORK.
- GENERAL CONTRACTOR IS TO BE FAMILIAR WITH ALL SHOPPING CENTER CRITERIA, SPECIAL WORKING CONDITIONS PERTAINING TO BARRICADES, NOISE, DUST, TRASH REMOVAL, ETC. COORDINATE WITH SHOPPING CENTER MANAGER.
- GENERAL CONTRACTOR TO COORDINATE INTERRUPTION OF EXISTING BUILDING FIRE PROTECTION SYSTEM WITH BUILDING LANDLORD. CONTRACTOR TO PAY ALL SHUTDOWN FEES AND RELATED CHARGES.
- GENERAL CONTRACTOR TO FILE ALL REQUIRED INSURANCE CERTIFICATES WITH CENTER AND OWNER.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR A SITE INSPECTION AT THE TIME OF THE BID AND SHALL NOTIFY OWNER'S DESIGNER OF ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE DRAWINGS.
- ALL MATERIALS, EQUIPMENT, WORKMANSHIP, WORKING CONDITIONS, AND CONSTRUCTION METHODS SHALL COMPLY WITH THE LATEST APPLICABLE SECTIONS OF LOCAL, MUNICIPAL, STATE, AND FEDERAL CODES AND REQUIREMENTS OF THE LANDLORD.
- GENERAL CONTRACTOR SHALL NOT REJECT ANY FUTURE/MATERIAL DELIVERIES UNLESS THEY FIRST CALL THE PROJECT MANAGER (740)-253-2198.
- EXISTING PLUMBING, HEATING, VENTILATING, AIR CONDITIONING, FIRE PROTECTION, AND ELECTRICAL WORK AFFECTED BY CONSTRUCTION SHALL BE REMOVED AND, WHEN REQUIRED, RELOCATED BY APPLICABLE SUBCONTRACTOR FOR SUCH WORK.
- GENERAL CONTRACTOR SHALL GUARANTEE INCLUDING BY HIS/HER SUBCONTRACTORS ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE OF THE PROJECT, AND AGREES TO CORRECT OR REPLACE PROMPTLY, WITHOUT COST TO THE OWNER, ANY DEFECTIVE MATERIALS AND WORKMANSHIP.
- GENERAL CONTRACTOR TO CONCENTRATE ON AQUARIUM ROOM TO BE DONE FOUR WEEKS INTO JOB, INCLUDING PLUG MOLD WHICH HAS A (6) WEEK LEAD TIME.
- GENERAL CONTRACTOR TO PROVIDE A PALLET JACK, STANDARD FORKLIFT AND OPERATOR TO BE USED THROUGHOUT MERCHANDISE WEEK FOR MERCHANDISE AND FIXTURE DELIVERIES, COORDINATE WITH PROJECT MANAGER.

B. DEMOLITION (IF REQUIRED)

- THE GENERAL CONTRACTOR SHALL VISIT THE SITE AT TIME OF BID AND REPORT ANY CONDITIONS WHICH MAY CAUSE CONSTRUCTION PROBLEMS, ANY VARIANCES OR WORK NOT INDICATED ON THE DRAWINGS BUT REQUIRED TO COMPLETE THE PROJECT SHALL BE REPORTED TO THE DESIGNER AND PETLAND PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL SALVAGEABLE EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR FOR DISPOSAL EXCEPT AS NOTED. ALL DEBRIS AND MATERIAL TO BE ABANDONED SHALL BE DISPOSED OF BY THE CONTRACTOR. NOTE THE EXISTING HEATER TO BE RETURNED TO THE LANDLORD PROPERTY MANAGER
- DEMOLITION WORK TO BE COMPLETE WITH AS LITTLE DISRUPTION TO OTHER AREAS AS POSSIBLE. CONTRACTOR TO REMOVE DEBRIS WITHOUT IT COLLECTING WITHIN THE PREMISES.
- INTERIOR DEMOLITION TO INCLUDE ALL EXISTING MATERIALS, FIXTURING HARDWARE, ETC. AS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION. PATCH AND PREP ADJACENT SURFACES TO REMAIN AND FINISH TO MATCH AS REQUIRED.
- PROVIDE DUMPSTER OR OTHER TRASH DEVICE AND COORDINATE WITH LANDLORD FOR LOCATION. CLEAN UP ALL DIRT OR DEBRIS THAT MAY OCCUR FROM THIS OPERATION. FAILURE TO DO SO WILL RESULT IN OTHER FORCES PERFORMING THIS AT CONTRACTOR'S EXPENSE.
- PROTECT ALL AREAS OF THE STORE INCLUDING PUBLIC AREAS FROM ANY DAMAGE WHICH MAY ARISE FROM THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING OR PAYING FOR ANY DAMAGE ARISING FROM THIS WORK.
- DEMOLITION AND NEW WORK SHALL TAKE PLACE IN ACCORDANCE AND ALL REGULATIONS AND GUIDELINES, INCLUDING ANY WORK WHICH MAY TAKE PLACE OR BE DIRECTED TO TAKE PLACE OVERNIGHT. THE COST FOR WHICH SHALL BE INCLUDED IN THE BASE BID. VERIFY WITH LANDLORD'S REP FOR REQUIREMENTS.
- MODIFY EXISTING SPRINKLER SYSTEM AS REQUIRED FOR NEW WALL CONSTRUCTION.
- ALL WORK TO CONFORM TO CODE.
- REMOVE ALL FLOOR FINISHES, CARPET, CERAMIC TILE, VINYL FLOOR, BASE.
- THE CONTRACTOR SHALL REMOVE, REPAIR, RESTORE AND REPLACE WHERE ANY SUCH ACTION IS NECESSARY OR INDICATED ON THE DRAWINGS OR AS REQUIRED. CUT ALL NECESSARY OPENINGS FOR ANY REQUIRED PURPOSE AND REPAIR, WHERE NECESSARY, AFTER CUTTING, INsofar AS POSSIBLE, ALL PROTRUSIONS, MARKS, CRACKS, OR OTHER EVIDENCE OF A DEFICIENT OR DAMAGED CONDITION SHALL BE ELIMINATED, UNLESS SPECIFICALLY NOTED OTHERWISE. ANY PARTS WHICH ARE SPLIT, CRACKED, CHIPPED, SPALLED, BROKEN, MISSING, OR OUT OF LINE OR ADJUSTMENT MECHANICALLY OR STRUCTURALLY UNSAFE OR UNSOUND, BENT, TORN OR OTHERWISE DEFICIENT OR INJURED IN ANY MANNER, SHALL BE REMOVED, REPLACED, RESTORED OR SATISFACTORILY REPAIRED AS DIRECTED BY THE OWNER.

STORE PREPARATION

- ALL MATERIALS SPECIFIED ARE TO BE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS. GENERAL CONTRACTOR IS TO CONSTRUCT PROJECT IN ACCORDANCE WITH THE DOCUMENTS. ANY DEVIATION FROM THE INTENT OF THE DOCUMENTS WITHOUT DESIGNER'S APPROVAL ARE AT THE CONTRACTOR'S OWN RISK.
- C. WALL FURRING AND FRAMING
- WALLS TO BE FRAMED OUT WITH 20 GAUGE, 3-5/8" METAL STUDS AS SHOWN ON DRAWINGS.
 - LAYOUT, CUT, FIT AND ERECT FRAMING FOR ROUGH AND FINISHED WORK. INSTALL BLOCKING, NAILERS, FURRING AND OTHER ROUGH AND FINISHED MATERIALS AS REQUIRED. BRACE, PLUMB AND LEVEL MEMBERS IN TRUE ALIGNMENT AND RIGIDLY SECURE IN PLACE WITH SUFFICIENT SCREWS AND BOLTS AS NECESSARY.
 - FURNISH AND INSTALL ALL GROUNDS OR BLOCKING REQUIRED TO RECEIVE STORE FIXTURES.
 - FURNISH AND INSTALL ALL ROUGH HARDWARE, ANCHORS, BOLTS, ETC..., AS REQUIRED FOR CARPENTRY WORK.

D. DRYWALL

- ALL DRYWALL IS TO BE TAPED, THREE COAT SPACKLE AND SANDED PRIOR TO INSTALLATION OF FINISHED MATERIALS. ALL CORNERS AND EDGES TO HAVE METAL BEADS, BEDDED AND SANDED FOR FINISH. ALL WORK TO CONFORM TO U.S. GYPSUM STANDARD SPECIFICATIONS OR EQUAL. VISIBLE JOINTS WILL NOT BE ACCEPTABLE.

E. SPRINKLER & FIRE ALARM

- GENERAL CONTRACTOR TO PROVIDE SPRINKLER & FIRE ALARM SYSTEM. IN ACCORDANCE WITH APPLICABLE CODES.
- SPRINKLER & FIRE ALARM PROTECTION DRAWINGS TO BE SUBMITTED AT A LATER DATE.
- ALL WORK TO CONFORM TO CODE.

F. FIRE EXTINGUISHERS

- GENERAL CONTRACTOR TO PROVIDE AND INSTALL TYPE ABC FIRE EXTINGUISHERS AS REQUIRED BY LOCAL AUTHORITIES, (ONE MINIMUM NEAR SALES DESK.)

G. CEILINGS

- SALES AREA TO BE OPEN TO BOTTOM OF ROOF DECK (UNLESS NOTED OTHERWISE).
- DRYWALL CEILING TO BE 5/8" DRYWALL (SMOOTH FINISH) ON USC SUSPENSION SYSTEM. (MAY NOT APPLY)
- BLACK CEILING TILE (FOR AQUARIUM ROOM) HAS A LEAD TIME.
- WHITE CEILING TILE IN KENNEL, ISO ROOM, OFFICE, RESTROOMS, CORRIDOR, COMMUNITY ROOM, PUPPY RUN, & STORAGE/UTILITY ROOM (UNLESS NOTED OTHERWISE).

H. VINYL TILE FLOORING AND VINYL BASE

- VINYL BASE AT LAVATORIES AND CORRIDOR TO BE 4" COVE, VINYL BASE AT CARPETED RISERS TO BE 4" STRAIGHT.
- VINYL BASE TO BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. ALL SURFACES ARE TO BE TURNED OVER TO OWNER CLEAN, WITHOUT MASTIC SMEARS OR SEEPAGE. ALL BASE JOINTS AND CORNERS TO BE TIGHT AND TRUE WITHOUT GAPS. SEAM ADHESIVE TO BE APPLIED.
- THE GENERAL CONTRACTOR SHALL EXAMINE EXISTING SLAB CONDITIONS TO DETERMINE TO WHAT EXTENT FLOOR PREPARATION, LEVELING, CHIP HAMMERING, ETC. WILL BE NECESSARY TO FURNISH A SMOOTH, LEVEL SUBSTRATE WITH EDGES FLOATED FOR THE PROPER INSTALLATION OF ALL FLOORING MATERIALS. THE COST OF SUCH WORK TO THE EXTENT THAT IT CAN BE DETERMINED DURING THE BID PROCESS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. UNEVEN SUBSTRATE WILL NOT BE ACCEPTED AS AN EXCUSE FOR POORLY INSTALLED FLOORING MATERIALS.
- VINYL COMPOSITION TILE IS TO HAVE FIVE (5) COATS OF WAX.
- UPON COMPLETION OF THE GENERAL CONTRACTOR'S WORK, THEY ARE TO MAKE ARRANGEMENTS TO HAVE THE FLOORS CLEANED AND WAXED. THE GENERAL CONTRACTOR ALSO NEEDS TO SET UP AN ADDITIONAL VISIT FROM THE FLOOR CLEANING COMPANY TO COME BACK TO THE STORE ON THE THURSDAY EVENING OF MERCHANDISING WEEK TO BUFF THE FLOORS ONCE AGAIN.

I. CARPET (DRY TANK DISPLAYS, STACK OUTS, AND RISERS)

- CARPET TO BE SUPPLIED BY THE GENERAL CONTRACTOR.
- GENERAL CONTRACTOR TO PROVIDE PROPERLY PREPARED FLOOR SURFACE, WITHOUT HOLES, CRACKS, OR BUMPS FOR GLUE-DOWN CARPET INSTALLATION.
- CARPET TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, USING LATEX BASE MASTIC. ALL SEAMS TO BE TIGHT AND STRAIGHT, PANELS ARE TO RUN IN SAME DIRECTION. ALL SEAMS TO RECEIVE ROBERT'S LIQUID SEAM SEALER, CLEAR.
- ALL DEBRIS TO BE REMOVED FROM PREMISES. ALL LARGE PIECES (48" OR LARGER) TO BE ROLLED AND STORED IN WORKROOM. CARPET TO BE TURNED OVER TO OWNER CLEAN, WITHOUT STAINS, SNAGS, OR DAMAGE DUE TO CONSTRUCTION WORK.

J. PLASTIC LAMINATE

- PLASTIC LAMINATES TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. ALL EDGES TO BE FLUSH, TRUE AND STRAIGHT, WITHOUT GAPS. ADJACENT LAMINATED PANELS TO BE CONCEAL SPLINED AT JOINTS. GLOSS FINISH TO BE INSTALLED OVER MEDIUM DENSITY PARTICLE BOARD, SPACKLE AND SAND SMOOTH TO AVOID TELEGRAPHING OF FASTENER LOCATIONS, BACKER EDGES, ETC.
- ALL LAMINATE SURFACES, EDGES AND ADJACENT MATERIALS TO BE FREE OF ADHESIVES, MARKINGS, CHIPS, AND SURFACE BLEMISHES. REMOVE WRAPPINGS.

DIVISION 1 - GENERAL REQUIREMENTS AND CONDITIONS

- THE WORK SHALL BE LAID OUT FROM THE DIMENSIONS SHOWN ON THE DRAWINGS ONLY. (DO NOT SCALE THE DRAWINGS)
- THE CONTRACTOR SHALL WORK FROM THE MOST RECENT DRAWINGS SUPPLIED BY THE OWNER DESIGNER. WORK SHALL BE PERFORMED BASED UPON LANDLORD APPROVED PLANS AFTER WRITTEN DIRECTION BY OWNER OR DESIGNER.
- VERIFY ALL LINES, LEVELS, INTERFERENCE, FIELD DIMENSIONS AND CONDITIONS WITH THE DRAWING AND REPORT ANY ERRORS, OMISSIONS, OR DISCREPANCIES TO THE DESIGNER PRIOR TO COMMENCING WORK.
- THE GENERAL CONTRACTOR IS TO REPORT TO THE DESIGNER ANY VARIANCES OF FIELD CONDITIONS THAT MAY CAUSE CONSTRUCTION PROBLEMS PRIOR TO COMMENCING WORK. FAILURE TO REPORT TO THE DESIGNER FOR INTERPRETATION SUCH CONDITIONS OR COVERING OVER A CONDITION WHICH SUBSEQUENTLY CAUSES ANY DELAY OR ADDITIONAL COST SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, WHO SHALL BE HELD FOR ANY DAMAGES RESULTING THERE FROM.
- ANY CONFLICT BETWEEN DETAIL, DIMENSION, MATERIAL OR SPECIFICATION IS TO BE ADDRESSED TO THE DESIGNER FOR INTERPRETATION, ANY SUCH CONFLICT NOT SO RESOLVED AND CORRECTION IS LATER REQUIRED SHALL BE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS LAYOUT AND FOR THAT OF HIS SUB-TRADES. ALL DIMENSIONS INDICATED AS HOLD DIMENSIONS SHALL BE MAINTAINED. ANY VARIANCES FROM THESE WILL BE AT THE RISK OF THAT TRADE OR CONTRACTOR.
- VERIFY ANY EQUIPMENT CLEARANCES PRIOR TO LAYOUT. HE SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE TO OR ADDITIONAL COST FOR FAILURE TO DO SUCH LAYOUT.
- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY ALL OVERALL DIMENSIONS, COLUMN LOCATIONS AND REPORT THESE TO THE DESIGNER.
- THE CONTRACTOR SHALL REPORT THE WORK OF HIS FORCES WITH SUB-TRADES, LANDLORD AND OWNER. ANY FAILURE TO PROPERLY COORDINATE WHICH RESULTS IN ADDITIONAL COST INCLUDING ANY DEMOLITION OF CONSTRUCTION IN PLACE SHALL BE BOURNE BY THE CONTRACTOR.

- ALL MATERIAL SPECIFIED IS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS. GENERAL CONTRACTOR IS TO CONSTRUCT PROJECT IN ACCORDANCE WITH THE DOCUMENTS.
- THE DESIGNER IS SOLE INTERPRETER, ARBITER OF THE DOCUMENTS. ANY DEVIATION FROM THE INTENT OF THE DOCUMENTS, WITHOUT THE DESIGNER'S APPROVAL IS AT THE CONTRACTOR'S OWN RISK AND MAY RESULT IN CORRECTION AT THE CONTRACTOR'S EXPENSE (MATERIALS AND LABOR.)
- THE DRAWINGS, SPECIFICATIONS, AND OTHER DOCUMENTS PREPARED BY THE DESIGNER ARE INSTRUMENTS OF THE DESIGNER'S SERVICE THROUGH WHICH THE WORK TO BE EXECUTED BY THE CONTRACTOR IS DESCRIBED. NEITHER THE CONTRACTOR, SUBCONTRACTOR, SUB-SUBCONTRACTOR, MATERIAL OR EQUIPMENT SUPPLIER SHALL OWN OR CLAIM A COPYRIGHT IN THE DRAWINGS, SPECIFICATIONS, AND OTHER DOCUMENTS PREPARED BY THE DESIGNER UNLESS OTHERWISE INDICATED. THE DESIGNER SHALL BE DEEMED THE AUTHOR OF THEM AND WILL RETAIN ALL COMMON LAW, STATUTORY, AND OTHER RESERVED RIGHTS, IN ADDITION TO THE COPYRIGHT. BY THE DESIGNER, AND COPIES THEREOF FURNISHED TO THE CONTRACTOR ARE FOR USE SOLELY WITH RESPECT TO THIS PROJECT.
- SHOULD THE DRAWINGS AND SPECIFICATIONS BE CONTRADICTORY, OR SHOULD THERE BE ERRORS IN EITHER, THE CONTRACTOR SHALL REFER THE MATTER TO THE DESIGNER FOR EXPLANATION AND SHALL ABIDE BY THEIR DECISION.
- THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS, VERIFY FIELD CONDITIONS, AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS AND CONDITIONS AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ACTIVATES. ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED SHALL BE REPORTED TO THE DESIGNER AT ONCE.

PERMITS, FEES, AND NOTICES

- UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SECURE AND PAY FOR THE BUILDING PERMIT AND OTHER PERMITS AND GOVERNMENTAL FEES, LICENSES AND INSPECTIONS NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE WORK WHICH ARE CUSTOMARILY SECURED AFTER EXECUTION OF THE CONTRACT AND WHICH ARE LEGALLY ACQUIRED WHEN BIDS ARE RECEIVED OR NEGOTIATIONS CONCLUDED. A COPY OF SUCH SHALL BE FURNISHED TO THE OWNER.
- THE CONTRACTOR SHALL COMPLY AND GIVE NOTICE AS REQUIRED BY LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF PUBLIC AUTHORITIES BEARING ON PERFORMANCE OF THE WORK.
- ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH ALL GOVERNING CODES, ORDINANCES, AND AUTHORITIES HAVING JURISDICTION INCLUDING BUT NOT LIMITED TO HANDICAP CODES.

MILLWORK

- MILLWORK TO SUPPLIED BY THE MILLWORK CONTRACTOR AND BY THE GENERAL CONTRACTOR AS INDICATED ON DRAWINGS.
- FIELD ASSEMBLE OF SUPPLIED MILLWORK MAY BE REQUIRED. FOLLOW SHOP DRAWINGS ACCOMPANYING MILLWORK.
- ALL MILLWORK TO BE ASSEMBLED IN FIELD TO BE SCRIBED AND JOINED ACCURATELY.
- FASTENING TO BE CONCEALED AND JOINTS INCONSPICUOUS.
- MAKE ALL JOINTS IN A PERMANENT MANNER MAINTAINING A UNIFORM FLUSH, TIGHT CONNECTION USING A COMBINATION OF SCREWS, DOWELS, AND GLUE.
- WHERE BLIND FASTENING IS IMPOSSIBLE AND NAILS ARE REQUIRED DRILL HOLES UNIFORMLY, SET AND PUTTY HEADS, BLIND NAIL IF POSSIBLE.
- ALL CUT ENDS OF MILLWORK TO BE FILLED FINISHED TO MATCH PREFINISHED FACES.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OFF LOADS.
- SEAL ALL HOLES BETWEEN KENNELS WITH SILICON.
- GENERAL CONTRACTOR TO PROVIDE PALLET JACK, STANDARD FORKLIFT AND OPERATOR FOR MERCHANDISE AND FIXTURE DELIVERIES, COORDINATE WITH PROJECT MANAGER.

PAINTING

- CONTRACTOR TO CONFIRM SUITABILITY OF ALL WALLS TO RECEIVE PAINT AND WALL COVERING IN A FIRST CLASS MANNER. REPAIR OR REPLACEMENT OF A POOR FINISH DUE TO INSTALLATION OVER AN UNSUITABLE SURFACE IS THE PAINTING CONTRACTOR'S RESPONSIBILITY.
- ALL SURFACES TO BE PRIMED PER MANUFACTURER'S RECOMMENDATIONS SUITABLE AND COMPATIBLE WITH SURFACE AND FINISH SPECIFIED.
- ALL MATERIAL AND WORKMANSHIP SHALL PRODUCE A FIRST CLASS INSTALLATION OF UNIFORM QUALITY.
- ALL PAINTED SURFACES TO RECEIVE THREE (3) COATS OF LATEX BASE PAINT. NOTE: PAINTED SURFACE TO BE SMOOTH ROLLED OR BRUSHED WITH NO SKIPS, LAPS, OR STREAKS. SEE COLOR SCHEDULE FOR MANUFACTURER'S DESIGNATIONS.
- PAINTING CONTRACTOR TO FILL AND TOUCH UP ALL NAIL HOLES IN ALL WOOD TRIMS AND MOLDINGS.
- FERROUS METAL (EXPOSED STEEL, SPRINKLER LINES, AND DUCTWORK)
(1) PRIME COAT SHERWIN WILLIAMS "DTM" ACRYLIC PRIMER/FINISH (B66W1)
(2) FINISH COATS - WATERBORNE ACRYLIC SHERWIN WILLIAMS DRY - FALLWHITE (B42W1 - SERIES) "FLAT"

CLEAN UP AND FINAL INSPECTION

- ALL PUNCH LIST ITEMS TO BE COMPLETED WITHIN TEN (10) WORKING DAYS OF RECEIPT.
- PREMISES TO BE TURNED OVER CLEAR OF ALL DEBRIS, PACKING BOXES, WRAPPING, AND EXCESS MATERIALS.
- ALL MIRROR GLASS TO BE CLEANED OF PROTECTIVE PADS, MASTIC AND MARKINGS.
- ALL ELECTRICAL PANELS AND BREAKERS TO BE PROPERLY AND CLEARLY MARKED AND PROVIDE NINE (9) LOCKOUT CLIPS (ALARM SYSTEM, NIGHT LIGHT, EXIT SIGN, TIME CLOCK, STOREFRONT TRACK TIME CLOCK, ALL CASHWRAP OUTLETS AND THREE EXTRA.)
- A COMPLETE LIST OF SUB NAMES, ADDRESSES, AND TELEPHONE NUMBERS TO BE SUBMITTED TO PETLAND.
- CONTRACTOR TO SET UP A CLEANING CREW DURING THE WEEK OF CONSTRUCTION, PRIOR TO MERCHANDISING WEEK.
- CONTRACTOR TO SET UP A CLEANING CREW ON THE THURSDAY OF MERCHANDISING WEEK.
- THE JOB SUPERINTENDENT STAYS THROUGH MERCHANDISING AND TRAINING WEEK AND IS PRESENT FOR GRAND OPENING.
- THE CONTRACTOR IS TO INFORM THE FRANCHISEE OR PETLAND WHEN THE CONSTRUCTION HAS PROGRESSED TO THE POINT WHERE IT WILL BE POSSIBLE TO SET UP PHONE AND INTERNET SERVICE.

LANDLORD'S WORK

LANDLORD APPROVAL IS REQUIRED WITHIN TWO WEEKS OF RECEIPT OF THESE DOCUMENTS OR THEY ARE DEEMED APPROVED BY THE LANDLORD.

TENANT'S TAKING SPACE IN AS-IS CONDITION

MAXIMUM ALLOWABLE CAPACITY

48

TEANANT NAME: PETLAND
TENANT TYPE: MERCANTILE
LOCATION: LEES SUMMIT MO
ADDRESS: 464 NW CHIPMAN RD

CODE INFORMATION

BUILDING CODES:
2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL PLUMBING CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 FIRE CODE
2017 NFPA 70 NATIONAL ELECTRICAL CODE
ICC/ANSI A117.1-2009 ACCESSIBLE AND USABLE BUILDING AND FACILITIES

OCCUPANCY CLASSIFICATION: GROUP M (MERCANTILE)
BUILDING CONSTRUCTION TYPE: TYPE IIB
(NON SEPARATED, FULLY SPRINKLERED)

TOTAL AREA: 3208 SQ. FT.

EGRESS COMPONENTS:

OCCUPANCY: M (MERCANTILE)
SPRINKLERED: YES

(EAS)	EXIT ACCESS SEPARATION	REQUIRED 86'-2"/3 = 28'-9"	PROVIDED 97'-6"
(ETD)	EXIT TRAVEL DISTANCE	250'-0" MAX	55'-5"
(CP)	COMMON PATH OF EGRESS		
	AREAS W/LESS THEN 50 OCCUPANTS	75'-0" MAX	35'-11"
	ALL OTHER AREAS	30'-0"	30'-0"

EGRESS CALCS:
MAIN FOOR OCCUPANT LOAD: 3208 SQ. FT./ 60 SQ. FT. PER PERSON = 53.46 PEOPLE
TOTAL OCCUPANT LOAD: PEOPLE
MIN. EGRESS WIDTH: 53.46 PEOPLE X .2 IN PER = 10.7"
MIN. # OF 36IN. DOORS: 10.7"/ 36" PER DOOR = (1) 36" DOOR OR EQUIVALENT
(4 - 36" DOORS PROVIDED)

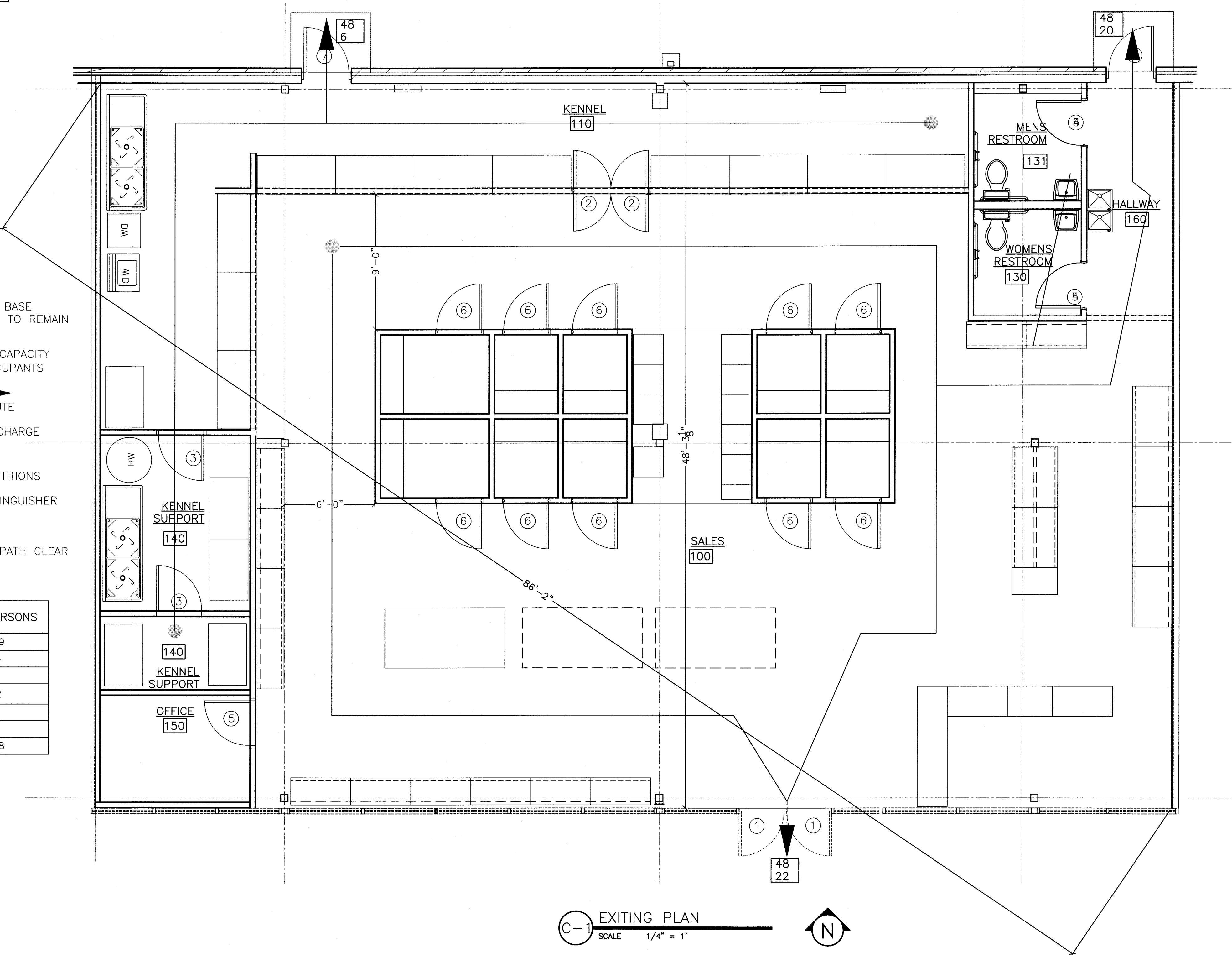
OCCUPANT LOAD:
SALES AREA: 2365/60 = 40
BUSINESS AREA: 843/100 = 8

TOTAL 48
DESCRIPTION OF USE: MIXED, WITH MERCANTILE BEING PRINCIPAL.

EGRESS PLAN LEGEND

ROOM NO.	USE	OCC. CLASS	SIZE SQ. FT.	SQ. FT./PERSON	NO. PERSONS
100	RETAIL SALES	M	2365	60	39
110	KENNEL	B	390	100	4
130-131	RESTROOMS	B	130	100	1
140	SUPPORT CARE CENTER	B	168	100	2
150	OFFICE	B	70	100	1
160	HALLWAY	B	85	100	1
TOTALS			3208		48

- EXISTING BASE PARTITON TO REMAIN
- EGRESS CAPACITY #OF OCCUPANTS
- EXIT ROUTE
- EXIT DISCHARGE
- NEW PARTITIONS
- FIRE EXTINGUISHER
- EGRESS PATH CLEAR WIDTH



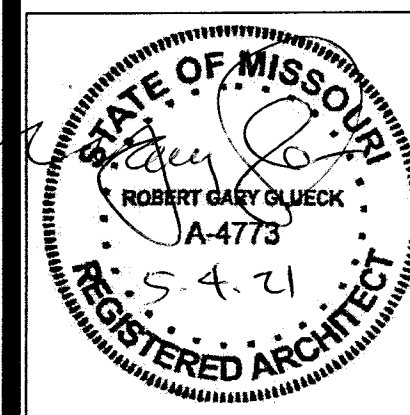


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TEL: 740-775-2464
CONTACT: TJ EVANS

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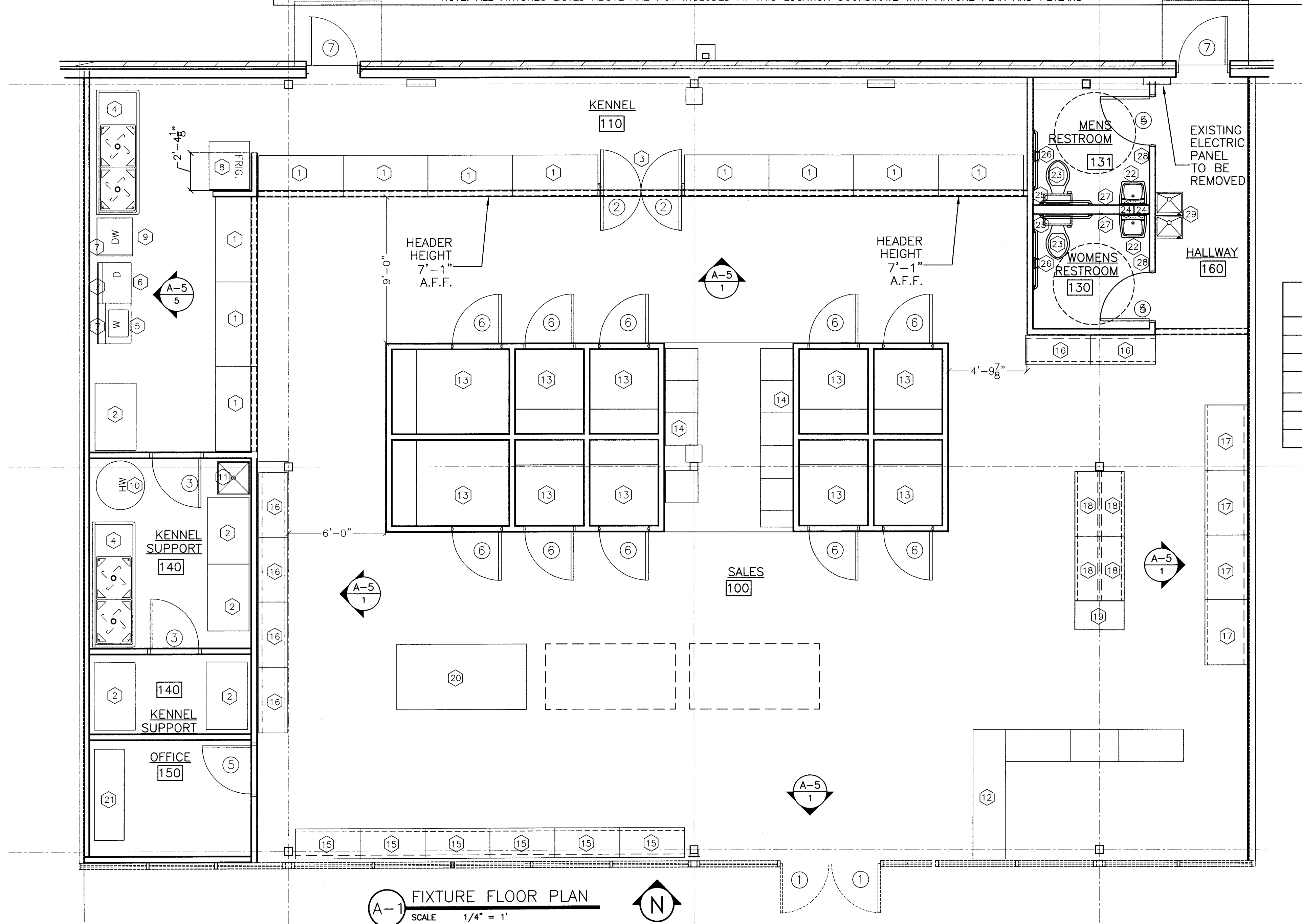
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PROJECT 3658 SHEET NO. A-1

FIXTURE SCHEDULE

EQUIP. NO.	DESCRIPTION	SUPPLIED		INSTALLED		NOTES
		TENANT	F.C.I.G.C.	PETLAND	F.C.I.G.C.	
1	1 HIGH KENNEL					STONE OR TILE TO BE ADDED BY G.C.
2	HOLDING KENNEL UNIT					
3	DOUBLE DOOR SWING 32" KENNEL DOOR					
4	KENNEL SINK (TWO COMPARTMENT)					SEE INTERIOR ELEVATIONS ON PAGE A-4
5	WASHER					
6	DRYER					
7	CABINETS ABOVE SS WORKTABLES					SEE INTERIOR ELEVATIONS ON PAGE A-4
8	SMALL APARTMENT SIZE REFRIGERATOR					
9	DISHWASHER					
10	HOT WATER HEATER					
11	MOP SINK					
12	CASHWRAP					
13	PUPPY PLAY ROOM					E.C. TO RUN POWER TO THE CABINET AND TERMINATE
14	PUPPY WORKTABLE CABINET WITH QUARTS TOP					
15	48" W X 18" D X 61" H STREATER HALF GONDOLA					
16	48" W X 18" D X 84" H STREATER WALL UNIT SHELF					
17	48" W X 28" D X 84" H STREATER WALL UNIT SHELF					
18	48" W X 16" D X 61" H STREATER HALF GONDOLA					
19	48" W X 18" D X 61" H STREATER GONDOLA END CAP					
20	EXERCISE FENCE AREA					
21	OFFICE FURNITURE					
22	LAVATORY					TOP OF LAV. 34" MAX. A.F.F.
23	TOILET					TOP OF TOILET SEAT 17" MIN. A.F.F.
24	MIRROR					B.O. MIRROR 40" A.F.F.
25	GRAB BARS- SET					MAX. DIA. 1-1/2" @ 1-1/2" FROM WALL
26	TOILET PAPER DISPENSER					CL DISPENSER 19" A.F.F.
27	SOAP DISPENSER					
28	PAPER TOWEL DISPENSER					
29	HIGH-LOW DRINKING FOUNTAIN					LEADING EDGE AT OR BELOW 27" A.F.F.
30						
31						

NOTE: ALL FIXTURES LISTED ABOVE ARE NOT INCLUDED AT THIS LOCATION COORDINATE WITH FIXTURE PLAN AND PETLAND



ROOM NO.	USE	OCC. CLASS	SIZE SQ. FT.	SQ. FT./PERSON	NO. PERSONS
100	RETAIL SALES	M	2365	60	39
110	KENNEL	B	390	100	4
130-131	RESTROOMS	B	130	100	1
140	SUPPORT CARE CENTER	B	168	100	2
150	OFFICE	B	70	100	1
160	HALLWAY	B	85	100	1
TOTALS			3208		48

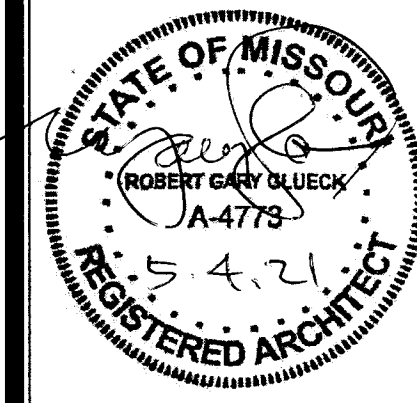


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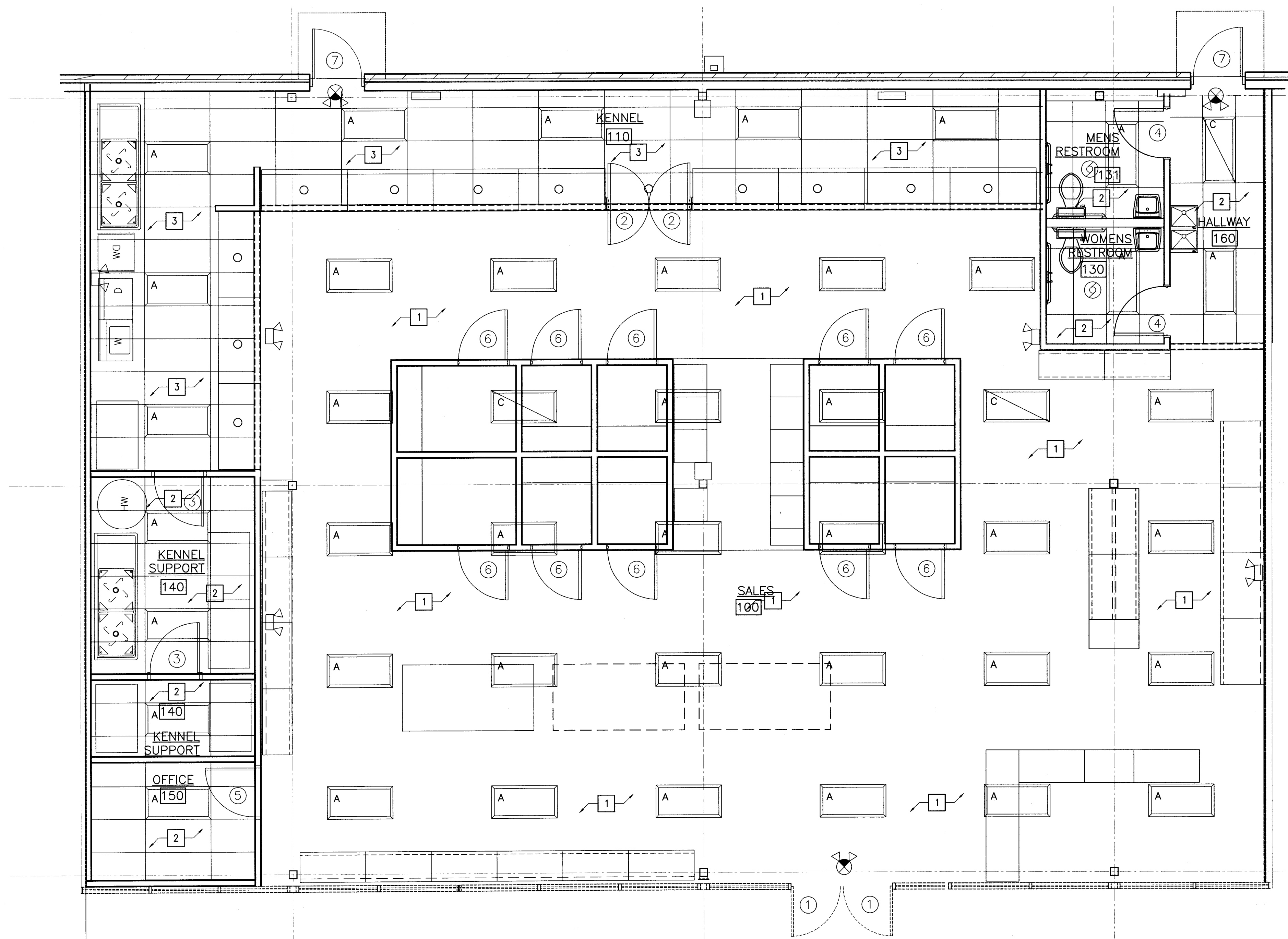
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PROJECT SHEET NO.
3658 A-2

CEILING PLAN CODED NOTES	
NOTE	DESCRIPTION
1	NEW OPEN CEILING, HEIGHT TO THE BOTTOM OF DECK PAINT P-7 P-8.
2	NEW 2' X 4' ACOUSTICAL CEILING TILE AND GRID @ 8'-0" A.F.F. (SEE FINISH SCHEDULE FOR TILE/PAINT COLORS).
3	NEW 2' X 4' ACOUSTICAL CEILING TILE AND GRID @ 11'-0" A.F.F. (SEE FINISH SCHEDULE FOR TILE/PAINT COLORS).
4	

CEILING LEGEND	
A	NEW 24" X 48" RECESSED LED 5000K LIGHT FIXTURE (SEE ELECTRICAL).
O	NEW LED CEILING RECESSED CAN LIGHT FIXTURE (SEE ELECTRICAL).
C	(NIGHT LIGHT) NEW 24" X 48" RECESSED LED 5000K LIGHT FIXTURE (SEE ELECTRICAL).
⊙	EXHAUST FAN IN ISO ROOM & RESTROOMS.
⊕	COMBINATION EMERGENCY LIGHT/EXIT SIGN
⏏	EMERGENCY LIGHT
□	RETURN AIR GRILLE
⊗	SUPPLY AIR DIFFUSER

COLOR SCHEDULE	
PAINT COLORS (SHERWIN-WILLIAMS)	V.C.T. FLOOR/BASE
P-1 BURNT ORANGE INTERIOR PROMAR 200 ZERO VOC EG-SHEL CUSTOM MANUAL MATCH CCE*COLORANT W1-WHITE R2-MAROON Y1-YELLOW ONE GALLON B20T02654	ARCHITECTURAL ACRYLIC LATEX STANDALONE OZ 32 64 128 - 26 - - 2 43 - - - 27 - - ULTRADEEP 650186950
P-2 BALANCED BEIGE SW7037 HGSW2486	ARMSTRONG PARALLEL USA 20 SERIES OR EQUIVALENT LVT-1 (6" X 48" LONG BEACH OAK (J5240) VB-1 JOHNSONITE VINYL COVEBASE BLACK 4" H. X .080"
P-3 TEAL PEIXES INTERIOR PROMAR 200 ZERO VOC EG-SHEL CUSTOM MANUAL MATCH CCE*COLORANT W1-WHITE G2-NEW GREEN L1-BLUE Y1-YELLOW ONE GALLON B20T0654	ARCHITECTURAL ACRYLIC LATEX STANDALONE OZ 32 64 128 2 38 - - 2 8 1 - 2 8 - - - 9 1 - ULTRADEEP 650186950
P-5 PURE WHITE INTERIOR PROMAR 200 EG-SHEL SHER-COLOR FORMULA BAC COLORANT R3-MAGENTA Y1-YELLOW ONE GALLON B20W02251	PROFESSIONAL LATEX COROB SW-10000 OZ 32 64 128 - - - 1 - - - 1 EXTRA WHITE 640354114P-6
P-7 (1) PRIME COAT SHERWIN WILLIAMS "DTM" ACRYLIC PRIMER/FINISH (B66W1)	FIBERGLASS REINFORCED PANEL LASCO BOARD OR EQUAL COMMERCIAL GRADE .090 FLEX FLAT FRP-1 #488 WHITE ENH PEB/SM, M/ WHITE TOP CAP & CRNR MLDG. (12' SHEETS MAY REQUIRE LEAD TIME)
P-8 (2) FINISH COATS - WATERBORNE ACRYLIC SHERWIN WILLIAMS DRY-FALLWHITE (B42W1 - SERIES)"FLAT"	FIXTURES STREATER #KM DECOR WHITE VALANCE - BROWN HDPE END PANELS - BROWN HDPE
SHERWIN-WILLIAMS OF CHILLICOTHE ACCOUNT# 6577-1181-8 FOR PAINT COLORS (740)-774-4750 FAX (740)-773-0595	



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 ROBERT GARY GLUECK
 A-4773
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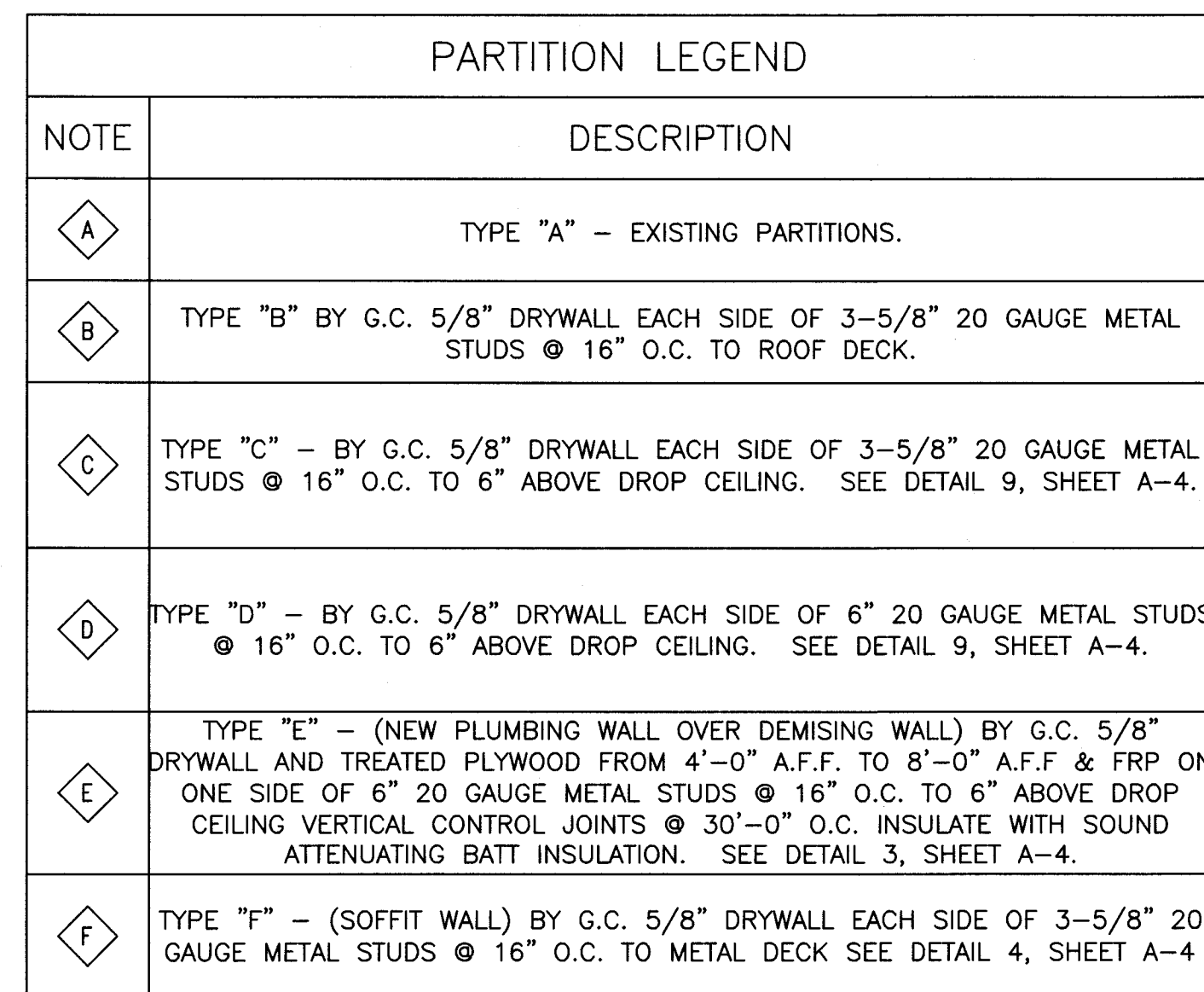
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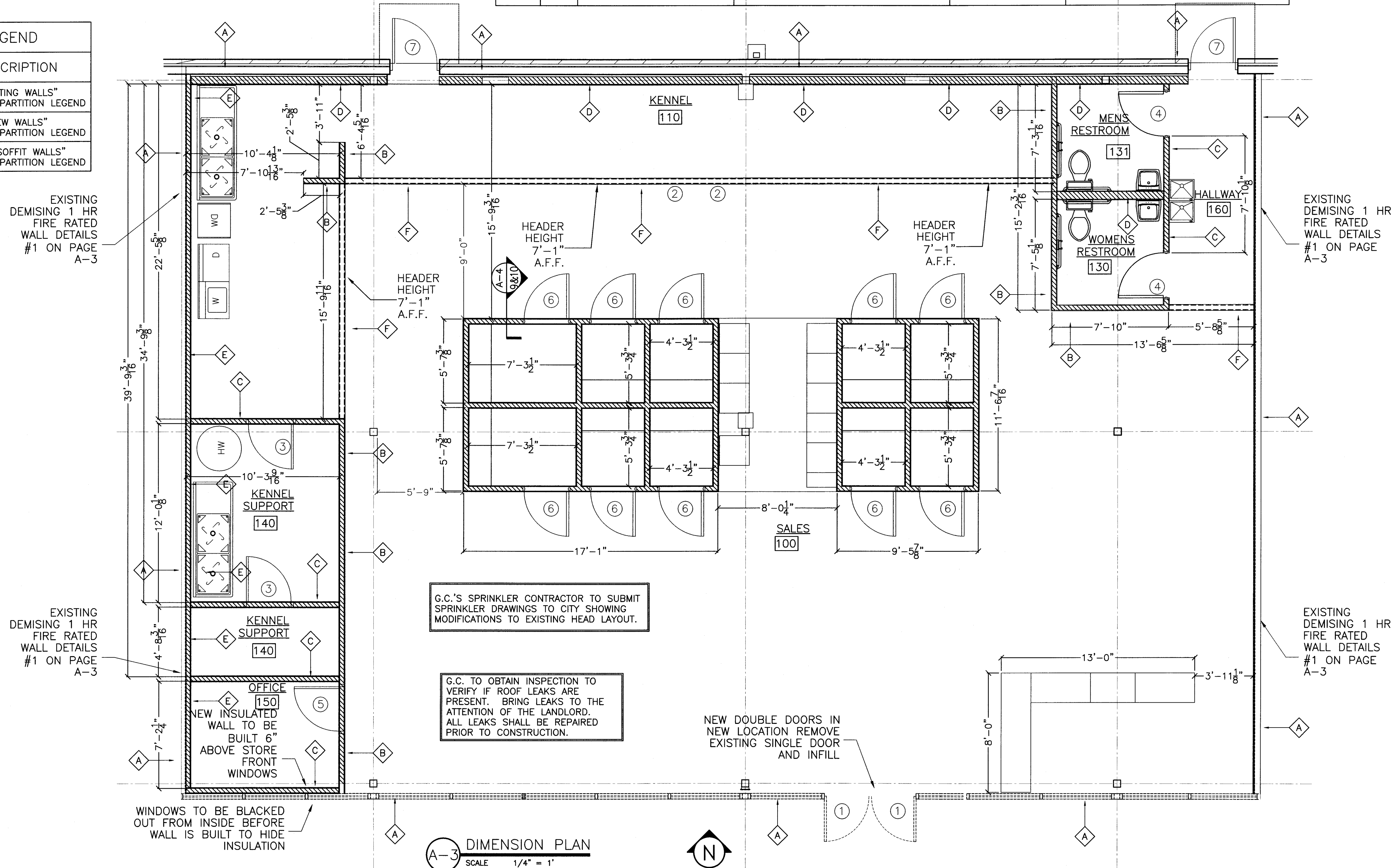
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LEES SUMMIT MO 64063

DATE: 1/08/2020	
PROJECT 3658	SHEET NO. A-3

DOOR & WINDOW SCHEDULE					
NO.	TYPE	DESCRIPTION	HARDWARE	FRAME	NOTES
①	A	(NEW) PAIR 3'-0" X 7'-0" DOOR W/SAFETY GLASS	ON EACH DOOR: PUSH/PULLBAR, CYLINDER LOCK, 1-1/2" PAIR BUTT HINGES, WEATHER STRIPPING	ALUM. FRAME	ALL EXTERIOR DOORS TO BE KEYED ALIKE. EXTERIOR WOOD TO BE REFINISHED
②	B	PAIR OF 2'-8" X 7'-0" GLASS	DOUBLE SWING HINGE, KICK PLATE		SUPPLIED BY PETLAND & INSTALLED BY PETLAND.
③	C	(NEW) SOLID CORE WITH VENTED LOUVER, SINGLE 3'-0" X 7'-6" WOOD	3 BUTT HINGES, LEVER HANDLE, 18" X 18" LOUVERS, 18" X 18" VISION PANELS, DOORSTOP & TOP THROW BOLT	HOLLOW METAL FRAME	PAINT P-5
④	D	(NEW) SOLID CORE 3'-0" X 7'-0" WOOD	3 BUTT HINGES, LEVER HANDLE, PRIVACY SET, DOORSTOP, HOOK, CLOSER & KICK PLATE	HOLLOW METAL FRAME	PAINT PUBLIC SIDE OF ALL DOORS P-1 OR ROOM COLOR & NON PUBLIC SIDE P-5
⑤	E	(NEW) SOLID CORE 3'-0" X 7'-0" WOOD	3 BUTT HINGES, LEVER HANDLE, PASSAGE SET, DOORSTOP, HOOK, CLOSER & KICK PLATE	HOLLOW METAL FRAME	PAINT PUBLIC SIDE OF ALL DOORS P-1 & NON PUBLIC SIDE P-5
⑥	B	SINGLE 3'-0" X 4'-0" GLASS DOOR	DOUBLE SWING HINGE,		SUPPLIED BY G.C. & INSTALLED BY G.C.
⑦	F	(EXISTING) 3'-0" X 7'-0" HOLLOW METAL	EMERGENCY EXIT ALARM DEVICE (DETEX) TO BE KEY OPERATED FROM EXTERIOR, CLOSER, KICK PLATE, WEATHER STRIPPING, PEEPHOLE	HOLLOW METAL FRAME	ALL EXTERIOR DOORS TO BE KEYED ALIKE. PAINT INSIDE P-1 & EXTERIOR TO MATCH EXTERIOR OF THE BUILDING. PHENOLIC ADHESIVE LETTERS SHALL BE PROVIDED AND INSTALLED BY G.C. ON EXTERIOR TO IDENTIFY STORE. LETTERS SHALL BE 3" HIGH WHITE LETTERS, SIGN SHALL READ: "PETLAND"

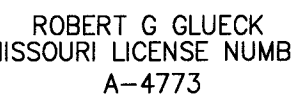


1. ALL DIMENSIONS ARE TO FACE OF STUD TO FACE OF STUD. UNLESS TAKEN FROM EXISTING WALLS THEN TAKEN FROM FACE OF DRYWALL.
2. ALL INTERIOR PARTITIONS ARE 3-5/8" METAL STUDS UNLESS NOTED OTHERWISE.
3. GENERAL CONTRACTOR TO VERIFY ALL NEW WALLS WITH FIXTURE CONTRACTOR DRAWINGS.
4. G.C. TO CONTACT AND COORDINATE SIGNAGE WITH PETLAND'S SIGN CONTRACTOR.
5. G.C. TO CONTACT AND COORDINATE ANY NEW ROOF OPENINGS/INSTALL WITH LANDLORD ROOFING CONTRACTOR AND INSTALL ANY NEW ROOF TOP EQUIPMENT SO AS NOT TO VOID ANY ROOF WARRANTIES.
6. ALL FREESTANDING FURNITURE WILL BE INSTALLED BY G.C..
7. ALL WET WALLS TO HAVE WATER RESISTANT GYP. BOARD.
8. ALL EMERGENCY LIGHTS AND EXIT SIGNS TO BE CEILING MOUNTED UNLESS NOTED OTHERWISE.
9. G.C. TO VERIFY GYP. BD. IS EXISTING AT ALL DEMISING WALLS. IF GYP. BD. IS NOT PRESENT, G.C. TO PROVIDE GYP. BD. & FINISH.



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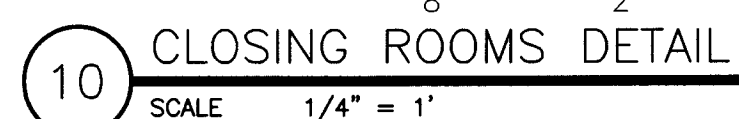
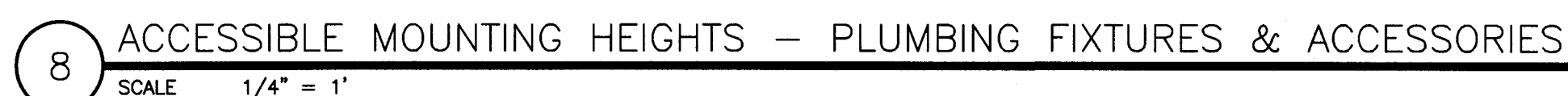
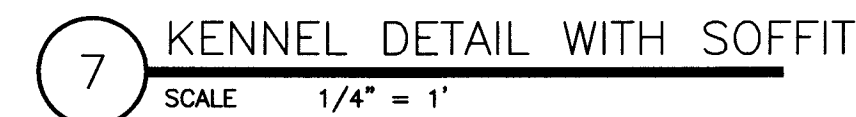
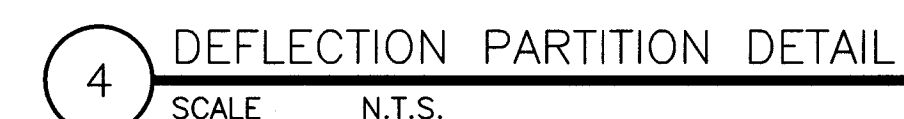


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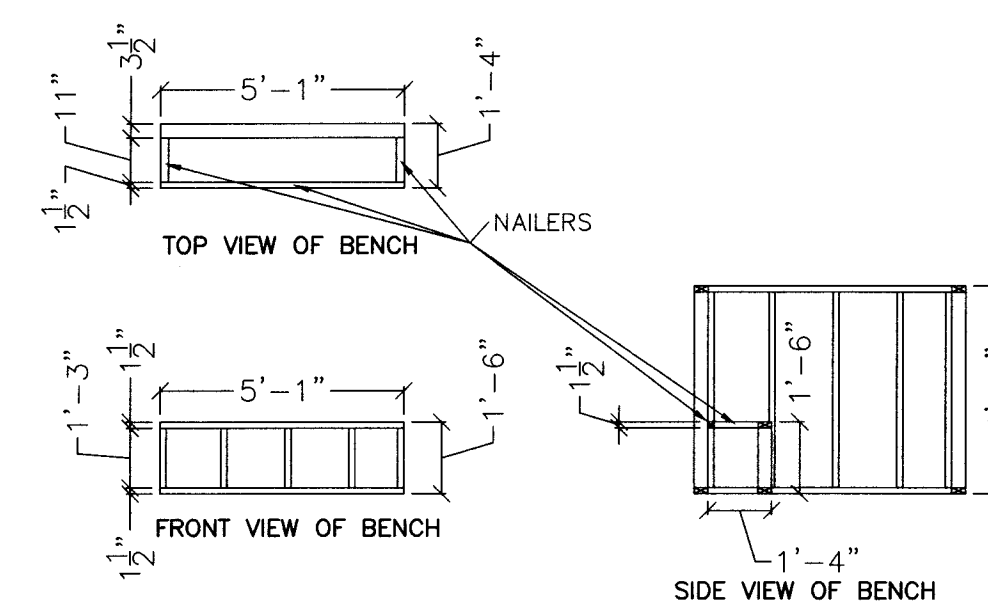
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DATE: 1/08/2020

PROJECT	SHEET NO
3658	A-4



1. EXTERIOR OF CLOSING ROOMS TO HAVE 3/4" FINISH GRADE PLYWOOD PAINTED P-1.
2. INTERIOR OF CLOSING ROOMS TO HAVE 1/2" GYP. BD. COVERED WITH FRP.
3. DOORS SUPPLIED AND INSTALLED BY G.C.
4. BENCH TOP & FRONT TO BE 3/4" PLYWOOD WITH FRP .
5. 36" FINISHED DOOR OPENING WIDTH.
6. ANY QUESTIONS REGARDING THE CONSTRUCTION OF THE CLOSING ROOMS CALL TJ @ (740)-775-2464 EXT. (172)



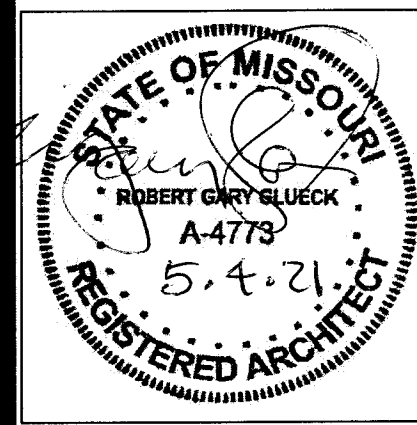


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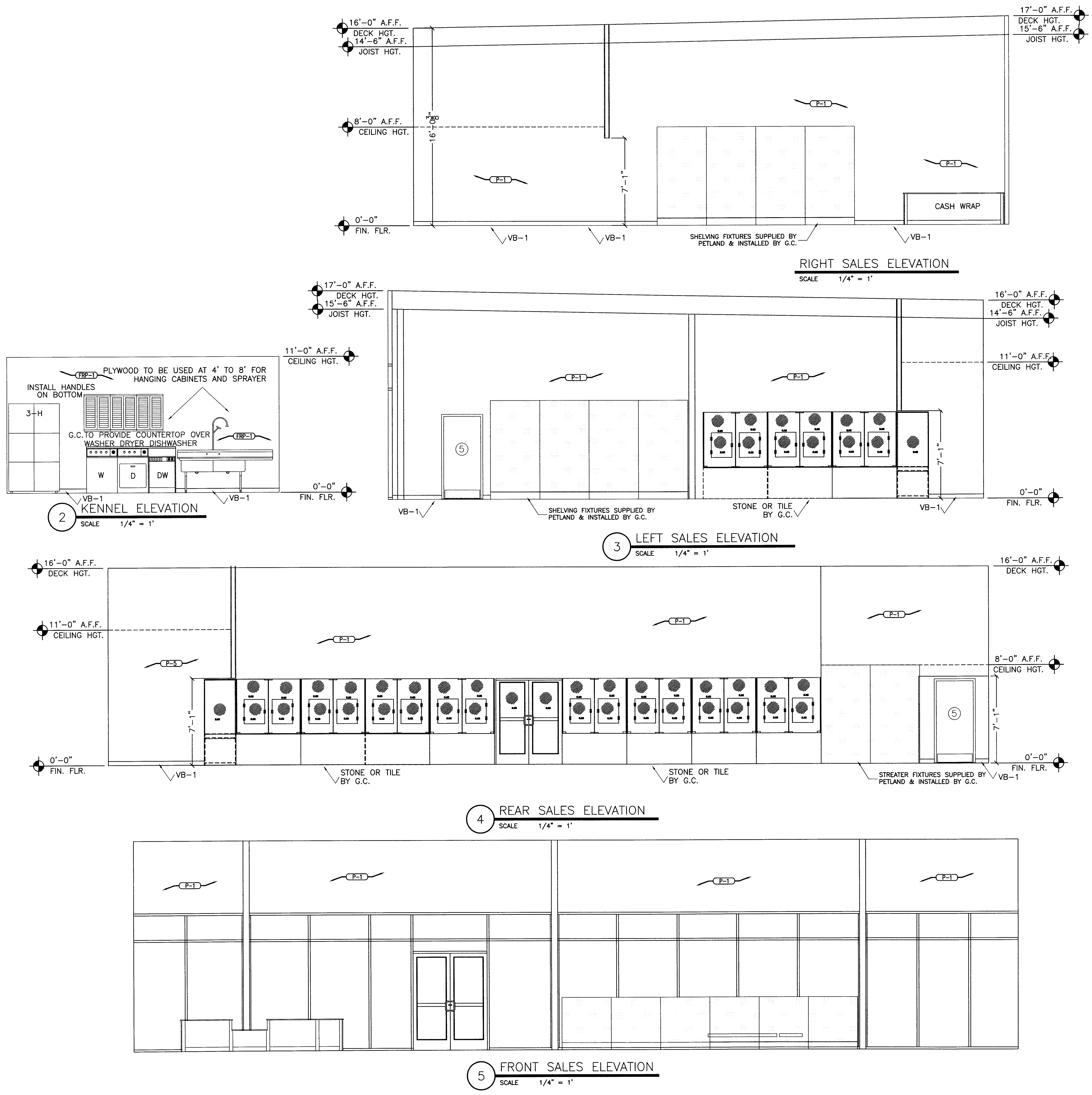
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PROJECT 3658 SHEET NO. A-5



HVAC GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT TO INSTALL A COMPLETE AND OPERATING HEATING AND COOLING SYSTEM.

2. CONTRACTOR SHALL PROVIDE ALL REQUIRED HVAC PERMITS.

3. THE CONTRACTOR SHALL COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES.

4. ALL HVAC WORK TO BE PERFORMED SHALL BE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES.

5. FLEXIBLE DUCT SHALL COMPLY WITH SMACNA, ALL LOCAL CODES, U.L. RATING, AND NOT EXCEED FIVE FEET IN LENGTH. SHEET METAL DUCT, WHERE REQUIRED BY LOCAL CODES, SHALL BE LINED WITH 1" MAT Faced DuctLINER IN THE FIRST 10 (TEN) FEET OF THE RETURN AND SUPPLY DUCT STARTING FROM THE HVAC UNIT. AFTER THE FIRST 10 (TEN) FEET THE USE OF 1" DUCT WRAP SHALL BE ACCEPTABLE. WORK MATERIAL TO BE VERIFIED WITH CEILING ASSEMBLY RATING. FIBERGLASS DuctBOARD DuctWORK IS ACCEPTABLE. IF LOCAL CODES AND INSPECTION WILL ALLOW IT.

6. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS AND CONTROL WIRING.

7. ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS, ALLOW FOR DUCT INSULATION.

8. THE CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE THAT SHALL WARRANT ALL WORKMANSHIP AND MATERIALS FOR ONE (1) YEAR FROM THE FINAL WORK ACCEPTANCE BY THE OWNER AND A FIVE YEAR WARRANTY ON THE COMPRESSOR.

9. FILTERS SHALL BE OF THE DISPOSABLE TYPE AND HAVE INITIAL SHARE WEIGHT ARRESTANCE OF 10% AND A CLEAN PRESSURE DROP OF 0.15 WC. PROVIDE TWO SETS, ONE DURING CONSTRUCTION AND ONE FOR USE AFTER OCCUPANCY.
10. CONTRACTOR SHALL INSTALL ALL NECESSARY OFFSETS, BENDS, AND TRANSITIONS REQUIRED TO PROVIDE A COMPLETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.

11. COORDINATE LOCATION OF ALL CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICIAN TO PREVENT CONFLICT WITH LIGHTS AND ARCHITECTURAL ELEMENTS.

12. ALL WORK OF THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID ANY INTERFERENCES THAT MAY DELAY PROGRESS DURING CONSTRUCTION.

13. THE G.C. MECHANICAL SUB-CONTRACTOR SHALL TEST AND BALANCE TO THE AIR QUANTITIES ON THE PLAN AND PROVIDE A T & B REPORT.

14. CONTRACTOR SHALL INSTALL THERMOSTAT IN ACCORDENCE WITH THERMOSTAT SPEC'S.

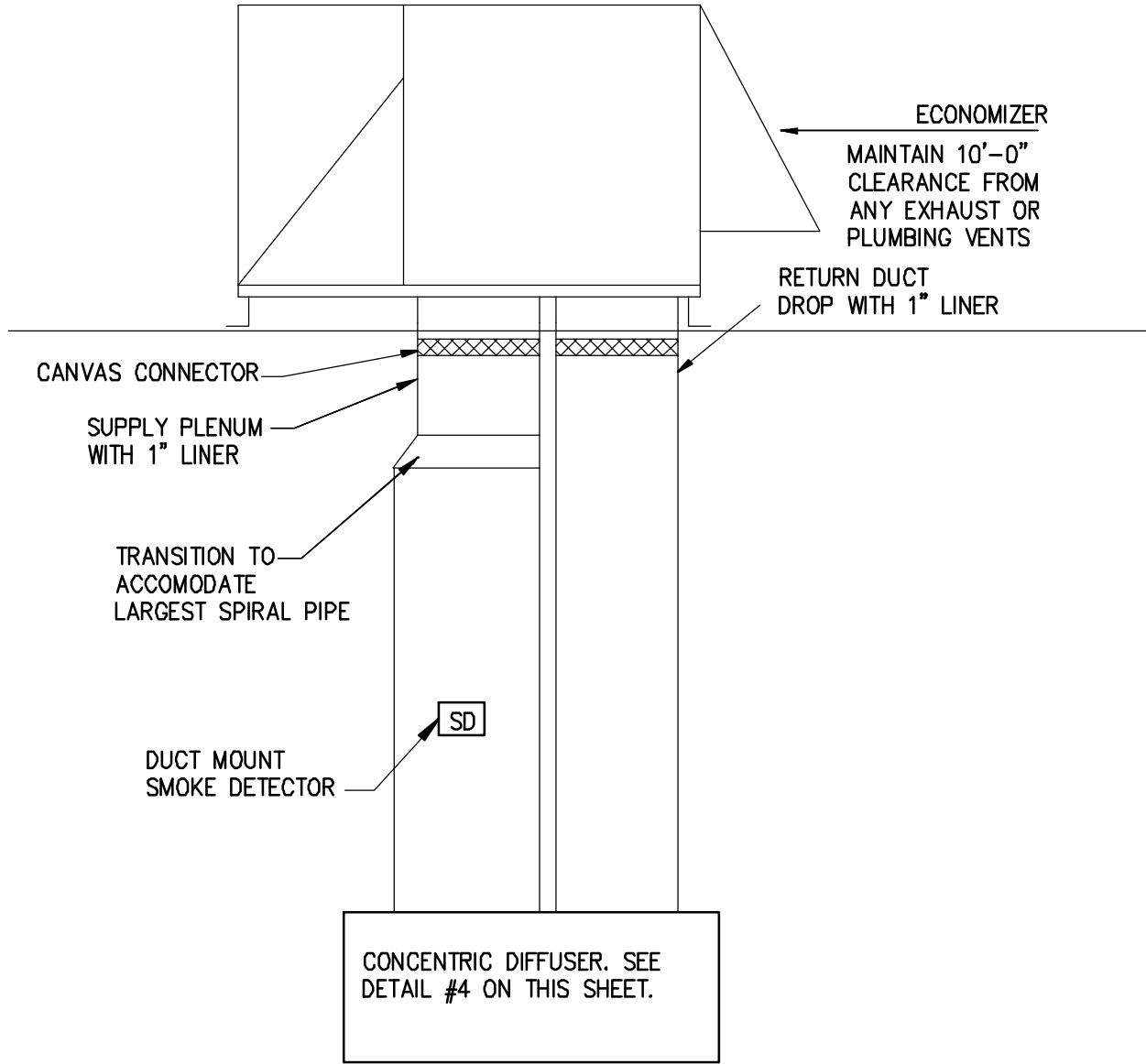
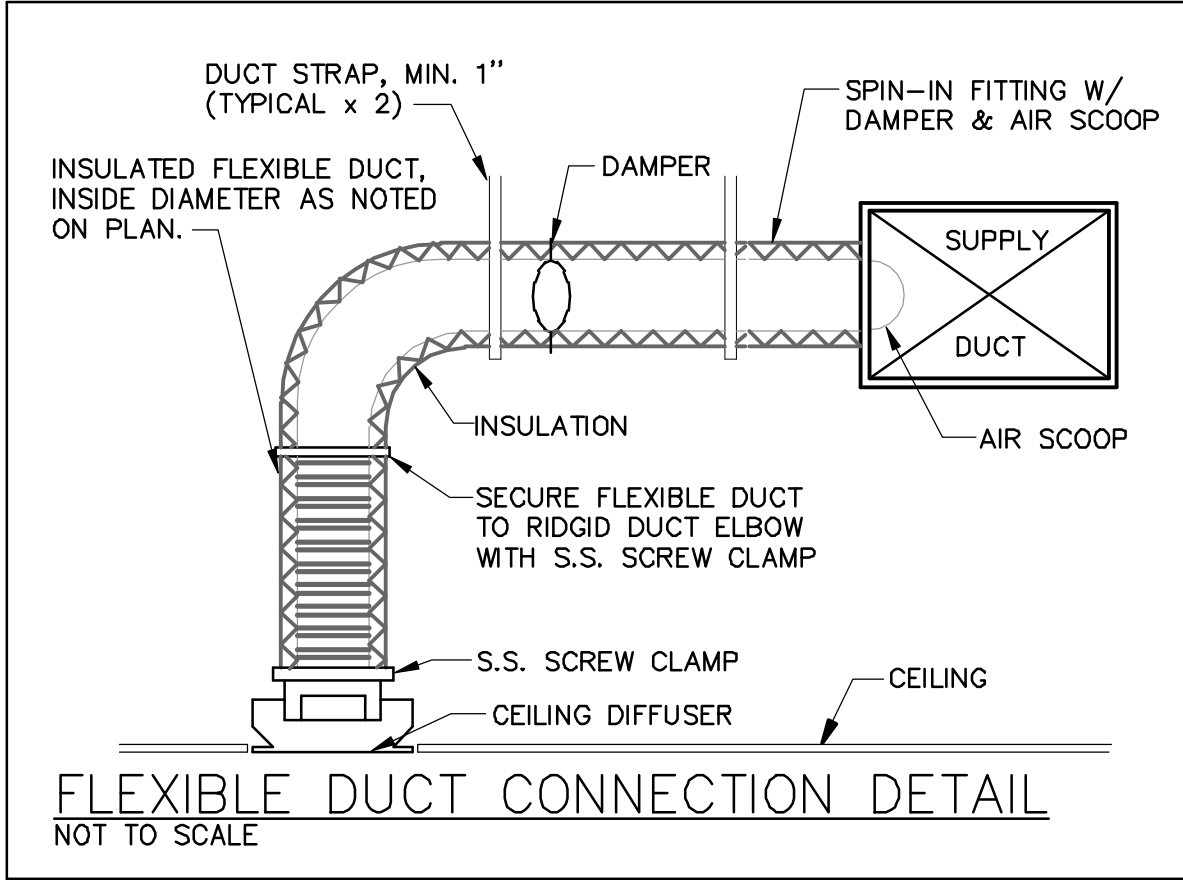
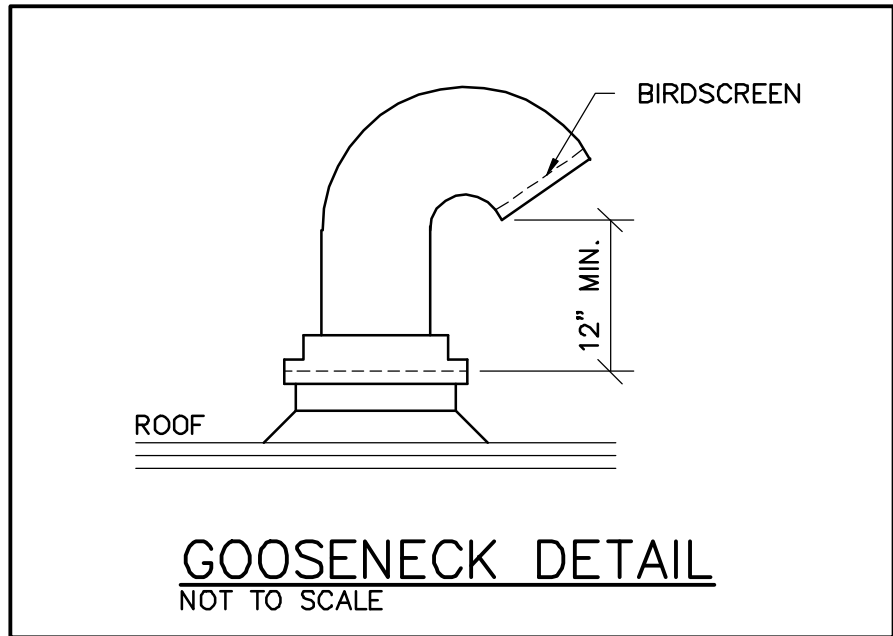
15. CONTRACTOR SHALL INSTALL MANUAL BALANCING DAMPERS AT ALL SUPPLY AIR BRANCH DuctWORK RUN OUTS.

16. CONTRACTOR SHALL INSTALL TURNING VANES AT ALL DuctWORK TEES AND 90 DEGREE ELBOWS.

17. CONTRACTOR SHALL INSTALL A Duct-TYPE MOUNTED SMOKE DETECTOR, FOR UNIT SHUTDOWN, IN THE RETURN AIR DuctWORK PLENUM AT ROOFTOP UNITS. THE CONTRACTOR SHALL VERIFY THE COMPATIBLE TYPE OF DETECTION DEVICE TO USE WITH THE BUILDING OPERATIONS MANAGER.

18. ALL SHEET METAL DuctWORK SHALL COMPLY WITH SMACNA STANDARDS. ALL DuctWORK JOINTS SHALL BE TAPED AND SEALED.

19. CONTRACTOR SHALL PROVIDE EQUIPMENT OF THE SCHEDULED CAPACITIES DESIGNED.



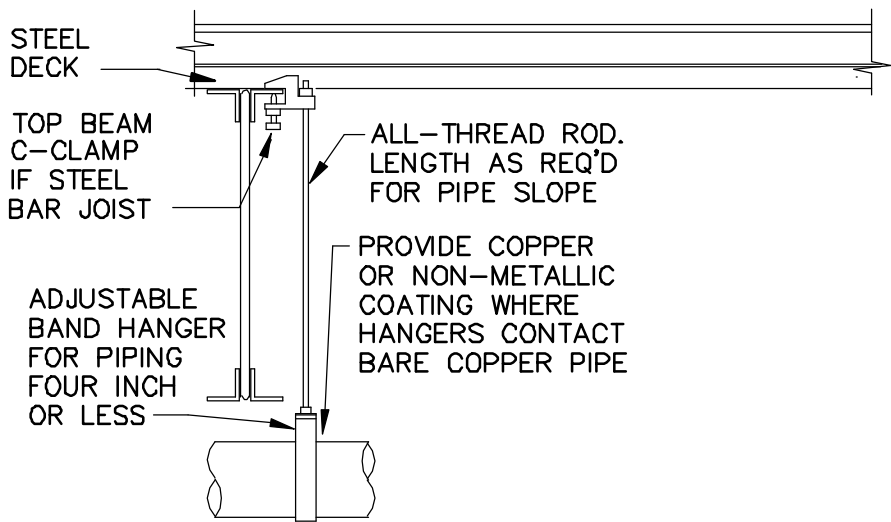
DUCT FROM CONCENTRIC PACKAGE DETAIL
SCALE: NTS

PACKAGE ROOFTOP UNIT SCHEDULE (gas heat/elec. cool)												
MARK	MFG/MODEL	TONS	CFM	OUTSIDE AIR CFM	EER	ENTERING AIR CONDITIONS	COOLING CAPACITY (MBH)		HEATING CAPACITY (BTU)		ELECTRICAL VOLT / PH / HZ	REMARKS
							TOTAL	SENSIBLE	INPUT	OUTPUT		
RTU 1, 2 & 3	CARRIER 48HCDA06B2M5-DF1F0	5	2000	400	13.0	80 F DB / 67 F WB @ 95 F AMBIENT	60.4	48.0	50,000/ 72,000	41,000/ 56,000	208V / 3 / 60	1, 2, & 3
ACCESSORY OPTIONS: 1) ECONOMIZER 2) GRAVITY BACK DRAFT, 3) STANDARD CARRIER PACKAGE, 4) LOW HEAT MODEL, 5) HAIL GUARDS.												
ADDITIONAL FEATURES TO PROVIDE ON UNIT:							SUBSTITUTIONS WILL BE ALLOWED FOR THESE UNITS. SPEC SHEETS MUST BE SUBMITTED FOR APPROVAL.					
1. AUTOMATIC HEATING/COOLING CHANGEOVER 2. LOW AMBIENT COOLING CAPACITY KIT WITH HAIL GAURDS 3. ALL THERMOSTATS SHALL BE HONEYWELL TH8321WF1001 AND MOUNTED AT 48" A.F.F. ABSOLUTELY NO SUBSTITUTIONS.												

EXHAUST FAN SCHEDULE									
MARK	AREA SERVED	MANUFACTURER	MODEL	CFM	E.S.P.	MOTOR		BAROMETRIC DAMPER	ACCESSORIES
					("W.C.)	WATTS	V/PH		
EF-1	RESTROOM	GREENHECK	SP-A90	80	1/4"	30	120/1	YES	GRAVITY DAMPER
EF-2	KENNEL SUPPORT	GREENHECK	SP-A190	150	1/4"	113	120/1	YES	1,2,3,4,5,6,7,8,9
EF-3	KENNEL SUPPORT	GREENHECK	SP-A290	250	1/4"	81	120/1	YES	1,2,3,4,5,6,7,8,9
EF-4	KENNEL	LOREN COOK	SCED-135C11D	1500	1/4"	528	120/1	YES	1,2,3,4,5,6,7,8,9
ACCESSORIES									
1 - DISCONNECT 4 - RAIN CAP									
2 - ROOF MOUNTED 5 - GRAVITY BACK PRESSURE DAMPER									
3 - ROOF CURB 6 - CONSTANT ON FAN									
7 - MAGNETIC STARTER (BY G.C)									
8 - ON/OFF SWITCH									

PLUMBER TO PROVIDE AN INDIRECT WASTE OPENING TO WITHIN 2'-0" OF COOLING COILS AND EVAPORATORS FOR CONDENSATE. THIS INDIRECT WASTE LINE SHALL BE 1 1/4" DWV MIN., TRAPPED, VENTED AND RUN TO HOUSE SIDE OF ACTIVE TRAP AS PER SECTION #314 AMENDED. A MEMPHIS PATTERN DEEP SEAL TRAP CAN BE USED IN LIEU OF ACTIVE TRAP. THIS 12" DEEP SEAL TRAP, WITH CLEAN OUTS PLACED DIRECTLY ON TOP OF EACH LEG OF SAID TRAP, CAN CONNECT TO A SINGLE VERTICAL VENT RISER WITH NO OFFSETS OR OTHER VENT TIE BACKS BELOW THIS POINT. THIS WILL ALSO INCLUDE ALL THE ROOF TOP UNITS.

GRILLE, REGISTER & DIFFUSER SCHEDULE							
MARK	MATERIAL	DEVICE SIZE	CFM RANGE MIN/MAX	INLET SIZE	AIR PATTERN	MOUNTING	TYPE
S-1	PAINTED STEEL	24" x 24"	0/100	6"	4-WAY	LAY-IN	SUPPLY
S-2	PAINTED STEEL	24" x 24"	100/175	8"	4-WAY	LAY-IN	SUPPLY
S-3	PAINTED STEEL	24" x 24"	175/275	10"	4-WAY	LAY-IN	SUPPLY



DO NOT HANG PIPE LARGER THAN 3" FROM BOTTOM OF JOISTS

PROVIDE GALVANIZED STEEL SADDLE FOR ALL INSULATED PIPE LARGER THAN 3/4". VERIFY INSULATION THICKNESS WHEN SIZING HANGERS

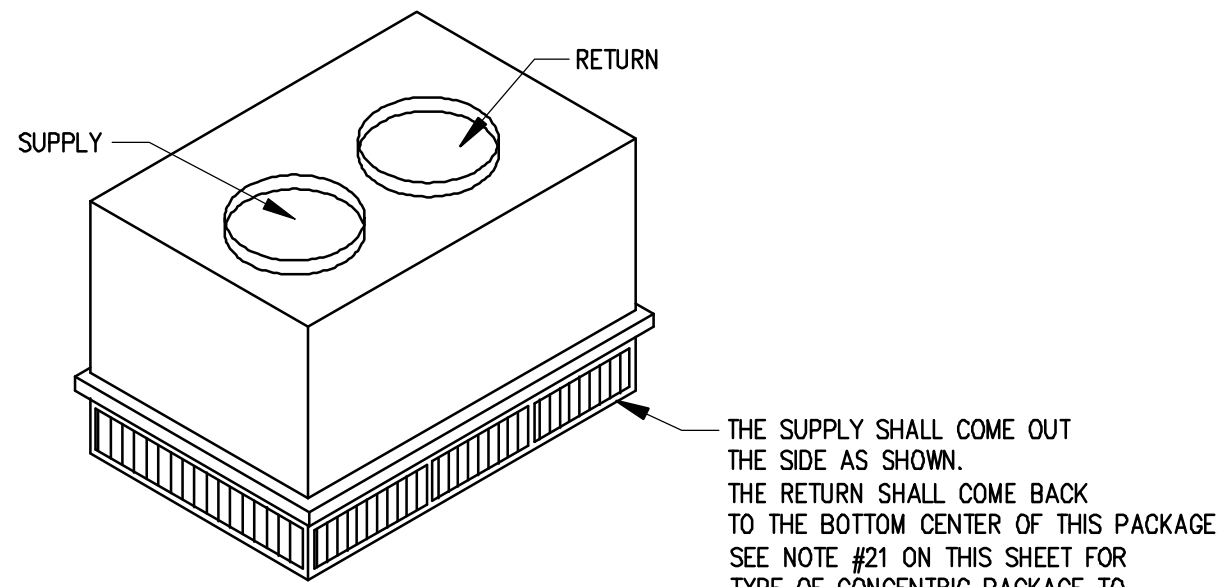
PROVIDE UPPER ATTACHMENT AS REQUIRED FOR CASES NOT SHOWN HERE. DO NOT INSTALL HANGER INSIDE INSULATION OR OTHERWISE PENETRATE VAPOR BARRIER. DO NOT HANG ONE PIPE FROM ANOTHER EXCEPT IN CHASES. TRAPPEZ HANGERS MAY BE USED FOR MULTIPLE PARALLEL PIPES. HANGER SPACING FOR PIPE SIZE: COPPER: 4"=12'; 3"=11'; 2-1/2"=10'; 2"=9'; 1-1/2"=8'; 1-1/4"=7'; 1"=6'; 3/4"=6'; 1/2"=5'. CAST IRON: 10' AND ONE NEAR ALL JOINTS. STEEL: 4"=14'; 3"=12'; 2-1/2"=11'; 2"=10' 1-1/2"=9'; 1"=7'; 3/4"=6'; 1/2"=5'.

LOCATE HANGERS AS CLOSE AS POSSIBLE TO TURNS AND TEES OF PIPE. PROVIDE SUPPLEMENTARY STEEL STRUTS BETWEEN JOISTS IF REQUIRED. LOCATE HANGERS TO TAKE LOAD OFF OF EQUIPMENT CONNECTIONS. ANCHOR WATER PIPE AGAINST SWAYING DUE TO CHANGES IN WATER VELOCITY. PROVIDE SEISMIC BRACING IF/AS REQUIRED BY LOCAL AUTHORITIES. CHAINS OR PERFORATED STRAP IRON OR STEEL IS NOT ACCEPTABLE. REFER TO CODES AND SPECS FOR FURTHER INFORMATION.

PIPE HANGER

SCALE: N.T.S.

SUPPLY AND RETURN TRANSITION, CONNECTING RTU'S TO CONCENTRIC DIFFUSER, SHALL BE WITH INSULATED METAL. CONCENTRIC AND CONNECTED TRANSITION SHALL BE PAINTED BLACK TO MATCH CEILING.



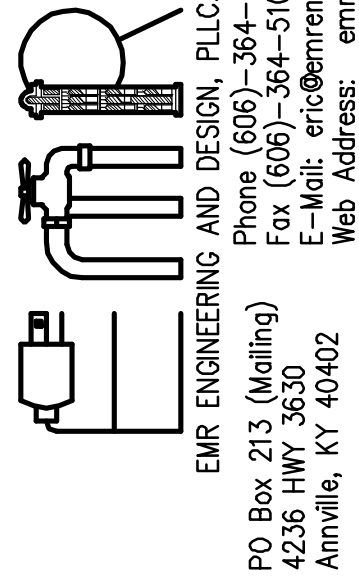
CONCENTRIC PACKAGE DETAIL
SCALE: NTS

SPRINKLER NOTE:

ANY CHANGE TO THE EXISTING SPRINKLER SHALL BE DONE BY A LANDLORD APPROVED SPRINKLER CONTRACTOR, AT TENANTS EXPENSE. ALL SPRINKLER DESIGN WILL BE SUBMITTED UNDER SEPARATE SUBMITTAL BY A LICENSED SPRINKLER CONTRACTOR WHICH WILL SUBMIT SHOP DRAWINGS FOR APPROVAL. G.C. SHALL THE PLANS AND SUBMIT FOR PERMITTING.

NOTES:

ROOF WORK AND REFLASHING FOR HVAC EQUIPMENT, PLUMBING VENTS, PENETRATIONS, ETC., SHALL BE PROVIDED BY A LANDLORD APPROVED ROOFING CONTRACTOR ONLY. TENANT'S CONTRACTOR SHALL CONTACT LANDLORD REGARDING THE MEANS OF TOILET EXHAUST. IF THE TOILET IS TO BE VENTED ELSEWHERE IT WILL BE BY THE CONTRACTOR. TO A LOCATION APPROVED BY THE LANDLORD, WITHOUT ANY ADDITIONAL EXPENSE TO THE TENANT.



OWNER:

4-27-21	PLAN REVIEW COMMENTS
5-4-21	PLAN REVIEW COMMENTS

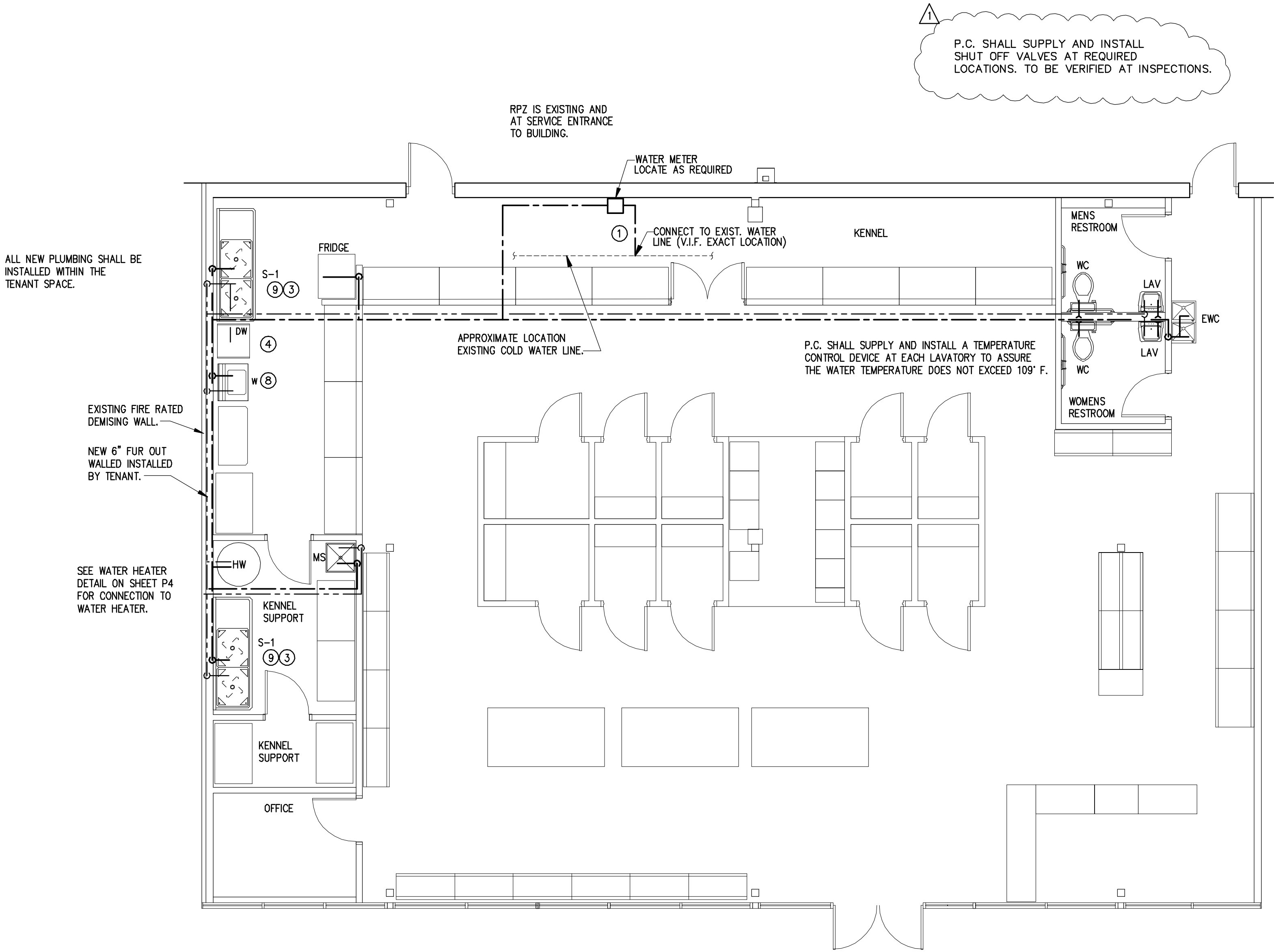
MARK	DATE	DESCRIPTION
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PLUMBING SYMBOL LEGEND	
-----CW-----	COLD WATER (CW)
-----HW-----	HOT WATER (HW 140°F)
-----TFW-----	TEMPERED FILTERED WATER
-----SHUT-OFF VALVE-----	SHUT-OFF VALVE
-----CHECK VALVE-----	CHECK VALVE




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

- ### GENERAL PLUMBING NOTES
- EXAMINATION OF CONTRACT DOCUMENTS AND SITE WORK, THE BIDDER IS REQUIRED, BEFORE SUBMITTING HIS/HER PROPOSAL, TO VISIT THE PROPOSED WORK AND FAMILIARIZE HIM/HERSELF WITH THE NATURE AND EXTENT OF THE WORK AND ANY LOCAL CONDITIONS THAT MAY IN ANY MANNER AFFECT THE WORK TO BE DONE AND EQUIPMENT MATERIAL AND LABOR REQUIRED. THEREFORE, SINCE THE WORK INVOLVES EXISTING BUILDINGS, SYSTEMS AND FACILITIES, SPECIAL CONSIDERATION SHALL BE GIVEN TO THE EXAMINATION OF WORKING CONDITIONS, EXISTING FACILITIES AND ALL BUILDING STRUCTURES TO FAMILIARIZE HIMSELF/HERSELF WITH ALL EXISTING CONDITIONS. SLIGHT VARIATION OF ROUTING AND/OR CONSTRUCTION (SHOULD BE ANTICIPATED BY THIS CONTRACTOR) TO AVOID CONFLICTS WITH OTHER TRADES, ARE EXPRESSLY INCLUDED AS PART OF THE WORK WHENEVER REQUIRED AT NO ADDITIONAL COST TO THE OWNER. NEGLIGENCE ON THE PART OF THE CONTRACTOR WILL IN NO WAY RELIEVE HIM/HER OF THE OBLIGATION AND RESPONSIBILITIES ASSUMED UNDER THIS CONTRACT.
 - C.W. & H.W. PIPING SHALL BE COPPER TYPE 'M' ABOVE GRADE, TYPE 'K' BELOW GRADE, WITH 1" THICK FOAM INSULATION WITH VAPOR BARRIER AND ASJ JACKET. PEX WILL BE AN APPROVED EQUAL.
 - WASTE AND VENT LINES SHALL BE CAST IRON NO-HUB ABOVE GROUND, PUSH-ON JOINT WITH NEOPRENE GASKET UNDERGROUND. PVC MAY BE USED WHERE APPROVED BY CODE.
 - INSULATE P-TRAP LINE AND WATER LINES UNDER TOILET ROOM LAVATORY IN ACCORDANCE WITH A.D.A. GUIDELINES.
 - PROVIDE A WATER HAMMER ARRESTOR AT EVERY QUICK CLOSURE VALVE OR FAUCET.
 - PROVIDE SHUT OFF VALVES AT EACH PLUMBING FIXTURE WATER SUPPLY.
 - CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES.
 - ALL PLUMBING PIPING SHALL BE PRESSURE TESTED AND CHLORINATED.
 - CONTRACTOR SHALL PAY ALL FEES AND RELATED CHARGES FOR PERMITS, LICENSES, ETC. REQUIRED FOR INSTALLATION OF PLUMBING WORK.
 - CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL FIXTURES AND EQUIPMENT.

PLUMBING CODED NOTES:

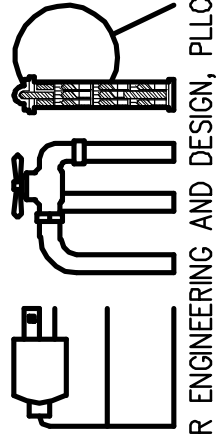
- NEW DOMESTIC WATER SERVICE WITH SHUT OFF FROM EXISTING METER.
- EXTEND SANITARY SEWER TO EXISTING SEWER LINE. PC TO VERIFY SIZE & LOCATION IN THE FIELD PRIOR TO START OF WORK. VERIFY SEWER IS ACTIVE PRIOR TO CONNECTING.
- INSTALL AND MAKE FINAL CONNECTIONS TO KENNEL SINK FURNISHED BY FIXTURE CONTRACTOR. PROVIDE VACUUM BREAKER ON WALL FOR FAUCET AS NOTED ON DETAIL. SEE KENNEL SINK AND DISPOSAL CONNECTION DETAIL ON DWG. P-4.
- ROUTE PIPING DOWN INSIDE WALL TO POINT OF CONNECTION TO DISHWASHER. PROVIDE SHUT OFF VALVE. EXTEND DISHWASHER DRAIN TO WYE DRAIN CONNECTION ON TAILPIECE OF KENNEL SINK.
- PROVIDE 1/4" TURN BALL VALVE 3/4" WITH 3/4" NIPPLE AT 1'-8" A.F.F. FOR EACH CONNECTION
- PEX PIPING MAY BE USED INSTEAD OF COPPER PROVIDED THE LOCAL JURISDICTION WILL APPROVE IT.
- GUY GRAY WASHING MACHINE SUPPLY AND DRAIN FIXTURE NO. NWBBD200TS, WITH TOP WATER SUPPLIES AND 2" DRAIN, FURNISHED AND INSTALLED BY P.C.
- GARBAGE DISPOSAL IN-SINK-ERATOR 444, 3/4 HP STAINLESS STEEL GRIND ELEMENTS, 120V-1 PHASE, 8.1 AMPS. FURNISHED AND INSTALLED BY P.C.

OWNER:

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05/05/2021



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464 NW CHIPMAN RD
LEES SUMMIT MO 64063

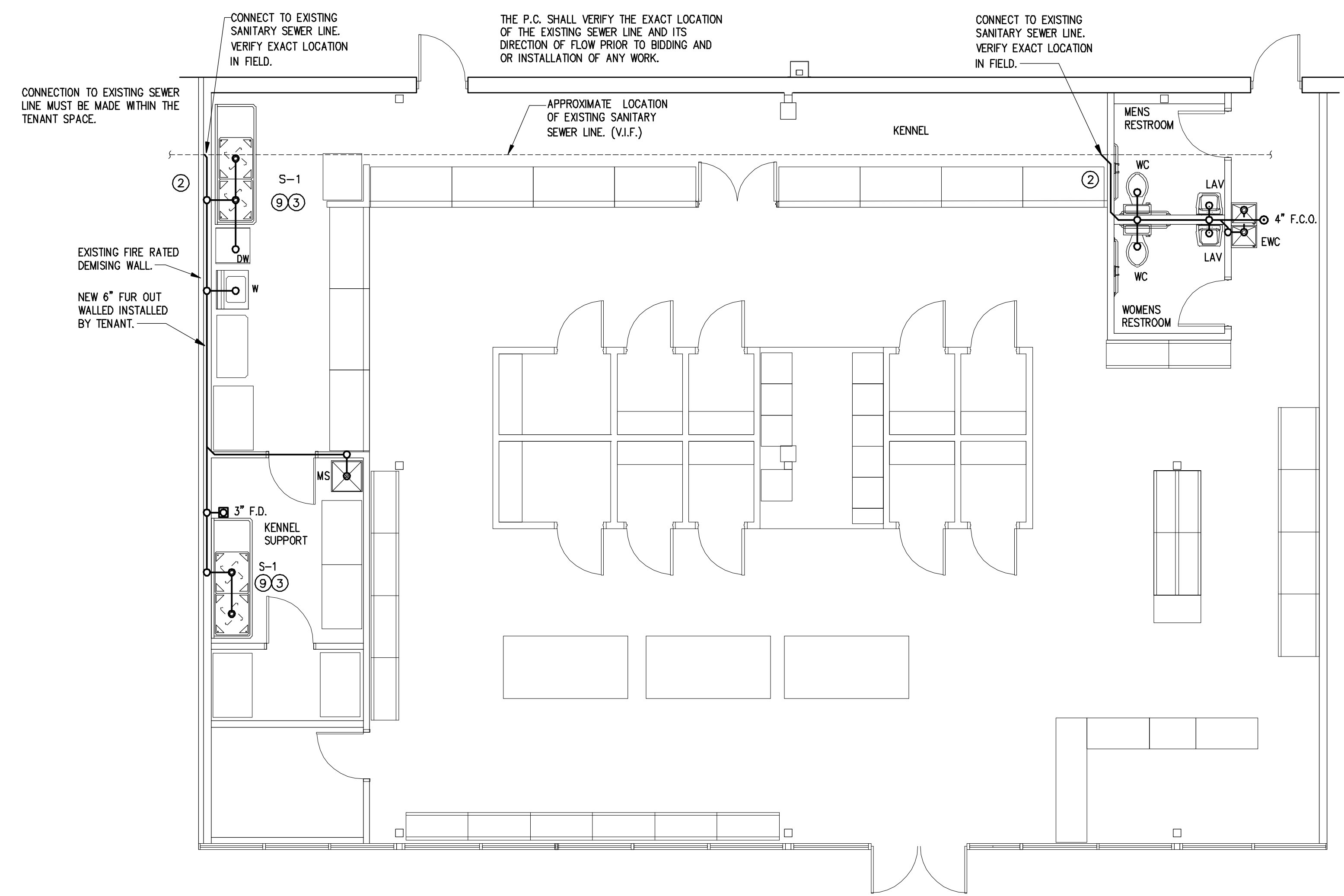
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Petland

PETLAND LEE'S SUMMIT

464 NW CHIPMAN RD
LEES SUMMIT MO 64063



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

GENERAL PLUMBING NOTES

1. EXAMINATION OF CONTRACT DOCUMENTS AND SITE WORK, THE BIDDER IS REQUIRED, BEFORE SUBMITTING HIS/HER PROPOSAL, TO VISIT THE PROPOSED WORK AND FAMILIARIZE HIM/HERSELF WITH THE NATURE AND EXTENT OF THE WORK AND ANY LOCAL CONDITIONS THAT MAY IN ANY MANNER AFFECT THE WORK TO BE DONE AND EQUIPMENT MATERIAL AND LABOR REQUIRED. THEREFORE, SINCE THE WORK INVOLVES EXISTING BUILDINGS, SYSTEMS AND FACILITIES, SPECIAL CONSIDERATION SHALL BE GIVEN TO THE EXAMINATION OF WORKING CONDITIONS, EXISTING FACILITIES AND ALL BUILDING STRUCTURES TO FAMILIARIZE HIMSELF/HERSELF WITH ALL EXISTING CONDITIONS. SLIGHT VARIATION OF ROUTING AND/OR CONSTRUCTION (SHOULD BE ANTICIPATED BY THIS CONTRACTOR) TO AVOID CONFLICTS WITH OTHER TRADES, ARE EXPRESSLY INCLUDED AS PART OF THE WORK WHENEVER REQUIRED AT NO ADDITIONAL COST TO THE OWNER. NEGLIGENCE ON THE PART OF THE CONTRACTOR WILL IN NO WAY RELIEVE HIM/HER OF THE OBLIGATION AND RESPONSIBILITIES ASSUMED UNDER THIS CONTRACT.
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3. WASTE AND VENT LINES SHALL BE CAST IRON NO-HUB ABOVE GROUND, PUSH-ON JOINT WITH NEOPRENE GASKET UNDERGROUND. PVC MAY BE USED WHERE APPROVED BY CODE.
4. INSULATE P-TRAP LINE AND WATER LINES UNDER TOILET ROOM LAVATORY IN ACCORDANCE WITH A.D.A. GUIDELINES.
5. PROVIDE A WATER HAMMER ARRESTOR AT EVERY QUICK CLOSURE VALVE OR FAUCET.
6. PROVIDE SHUT OFF VALVES AT EACH PLUMBING FIXTURE WATER SUPPLY.
7. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES.
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10. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL FIXTURES AND EQUIPMENT.

PLUMBING CODED NOTES:

- ① NEW 1 1/4" DOMESTIC WATER SERVICE WITH SHUT OFF FROM EXISTING METER.
- ② EXTEND SANITARY SEWER TO EXISTING SEWER LINE, PC TO VERIFY SIZE & LOCATION IN THE FIELD PRIOR TO START OF WORK. VERIFY SEWER IS ACTIVE PRIOR TO CONNECTING.
- ③ INSTALL AND MAKE FINAL CONNECTIONS TO KENNEL SINK FURNISHED BY FIXTURE CONTRACTOR. CONNECTION DETAIL ON DWG. P-4.
- ④ ROUTE PIPING DOWN INSIDE WALL TO POINT OF CONNECTION TO DISHWASHER. PROVIDE SHUT OFF VALVE. EXTEND DISHWASHER DRAIN TO WYE DRAIN CONNECTION ON TAILPIECE OF KENNEL SINK.
- ⑤ NOT USED
- ⑥ NOT USED
- ⑦ PROVIDE VACUUM BREAKER ON WALL FOR FAUCET AS NOTED ON DETAIL. SEE KENNEL SINK AND DISPOSAL
- ⑧ GUY GRAY WASHING MACHINE SUPPLY AND DRAIN FIXTURE NO. NWBED200TS, WITH TOP WATER SUPPLIES AND 2" DRAIN, FURNISHED AND INSTALLED BY P.C.
- ⑨ GARBAGE DISPOSAL IN-SINK-ERATOR 444, 3/4 HP STAINLESS STEEL GRIND ELEMENTS, 120V-1 PHASE, 8.1 AMPS. FURNISHED AND INSTALLED BY P.C.

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LEES SUMMIT MO 64063

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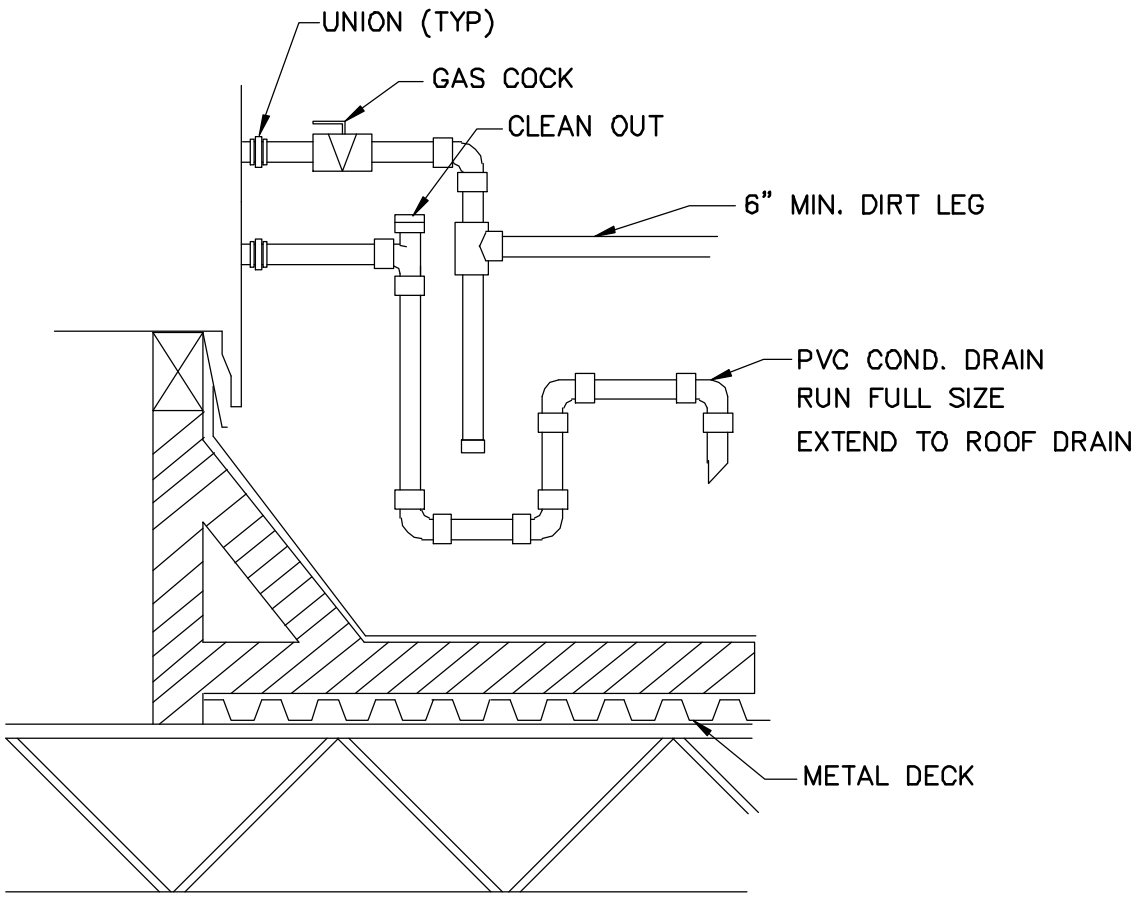


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3. WASTE AND VENT LINES SHALL BE CAST IRON NO-HUB ABOVE GROUND, PUSH-ON JOINT WITH NEOPRENE GASKET UNDERGROUND. PVC MAY BE USED WHERE APPROVED BY CODE.
4. INSULATE P-TRAP LINE AND WATER LINES UNDER TOILET ROOM LAVATORY IN ACCORDANCE WITH A.D.A. GUIDELINES.
5. PROVIDE A WATER HAMMER ARRESTOR AT EVERY QUICK CLOSURE VALVE
6. PROVIDE SHUT OFF VALVES AT EACH PLUMBING FIXTURE. WATER SUPPLY.
7. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES.
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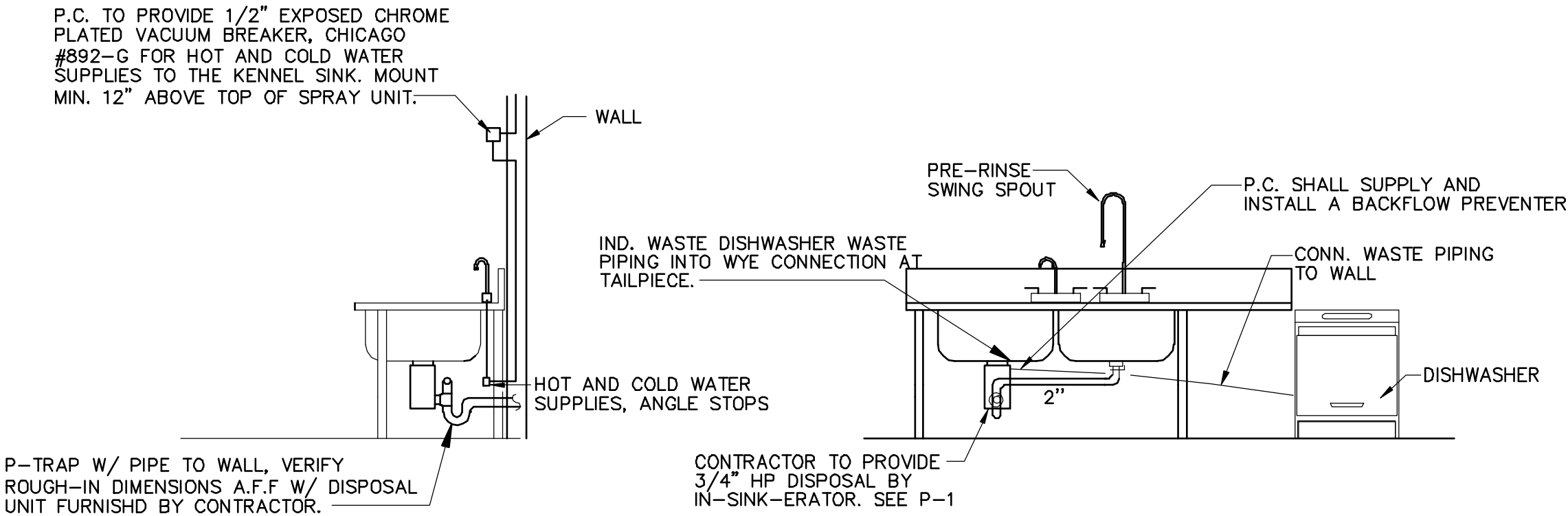
— — — — — CW — — — — —	COLD WATER (CW)
— — — — — HW — — — — —	HOT WATER (HW 140F)
— — — — — TW — — — — —	TEMPERED WATER
- - - - - TFW - - - - -	TEMPERED FILTERED WATER
 — — — — —	SHUT-OFF VALVE
 — — — — —	CHECK VALVE



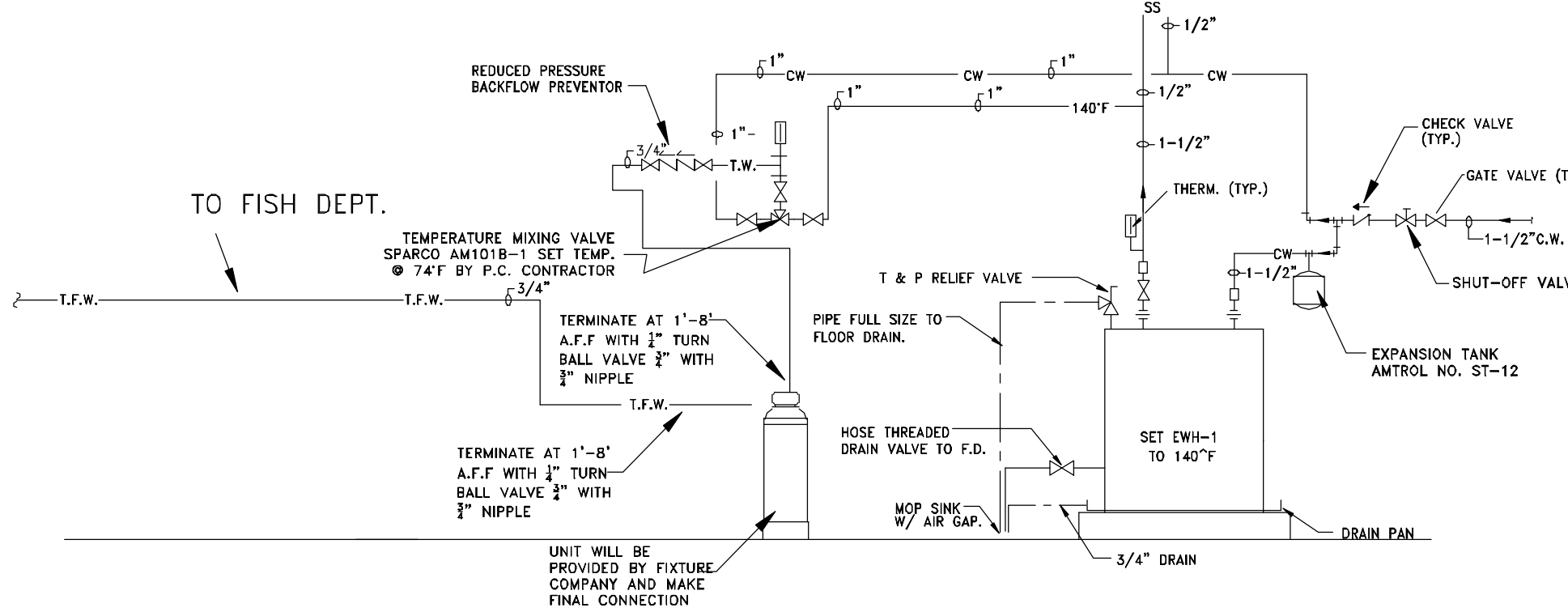
PLUMBING FIXTURE SCHEDULE						
MARK	FIXTURE	C.W.	H.W.	SAN	VENT	
WC	WATER CLOSET	1/2"	-----	4"	2"	AMERICAN STANDARD CADET NO. 2998.012 FLOOR MOUNTER TANK TYPE SIPHON JET WITH WHITE OPEN FRONT COMMERCIAL GRADE SEAT WITH CHECK HINGE. TANK LEVER SHALL BE ON WIDE SIDE OF TOILET AREA
LAV	LAVATORY	1/2"	1/2"	1-1/2"	1-1/2"	AMERICAN STANDARD LUCERNE NO. 0355.012 WALL HUNG WITH NO. 2385.403 (0.5 G.P.M.) SINGLE LEVER FAUCET, WITH GRID DRAIN AND TAILPIECE, MOUNTED AT HANDICAPPED HEIGHT. INSULATE HOT WATER, COLD WATER, AND SANITARY PIPING BELOW LAV WITH TRUEBRO INSULATION.
S-1	SINK	1/2"	1/2"	3"	1-1/2"	KENNEL SINK SUPPLIED BY PETLAND AND INSTALLED BY PLUMBING CONTRACTOR
EWC	WATER COOLER	1/2"	-----	1-1/2"	1-1/2"	BARRIER FREE, SPLIT LEVEL WATER COOLER (ADA COMPLIANT) 8.0 GPH, 1/5 HP, 120/1/60, COLOR BY PETLAND
W	WASHER	1/2"	1/2"	1 1/2"	1-1/2"	MODEL #T.B.D.
D	DRYER	-----	-----	1 1/2"	1-1/2"	MODEL #T.B.D.
FD	FLOOR DRAIN	-----	-----	3"	1-1/2"	ZURN MODEL #FD2210-PV4
WH	GAS WATER HEATER	1"	1"	4"	4"	STATE MODEL NO. A0SMITH, CYCLONE-BTH199 80 GAL., 199,000 BTU'S ASME RATED T & P RELIEF VALVE
FCO	FLOOR CLEANOUT	---	---	4"	---	ZURN MOD. #Z-1400 ADJUSTABLE TYPE FURNISH WITH NICKEL BRONZE SCORITATED TOP



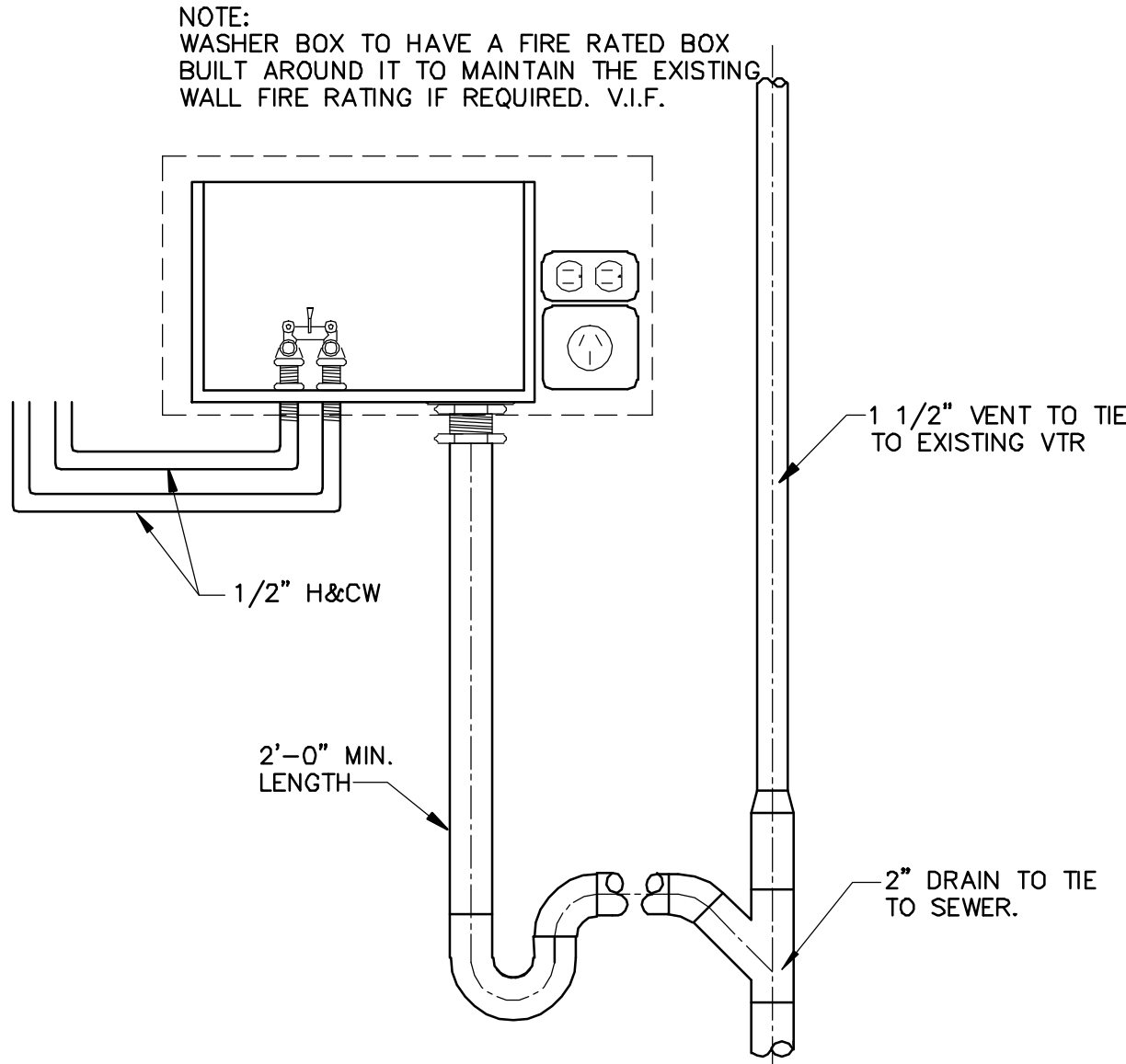
ROOFTOP GAS AND CONDENSATE DETAIL
SCALE : NTS



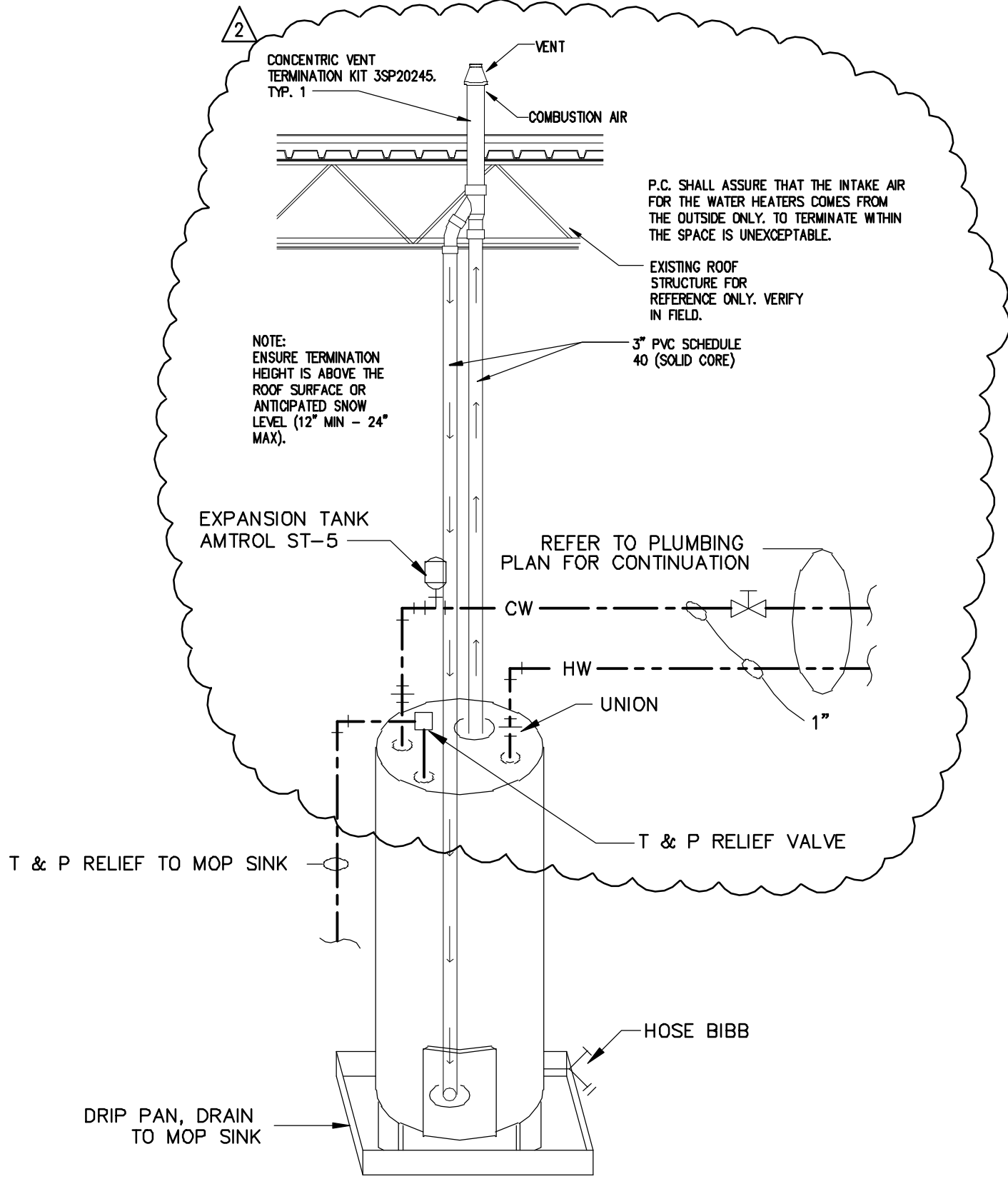
KENNEL SINK/DISPOSAL CONNECTION DETAIL
SCALE : NTS



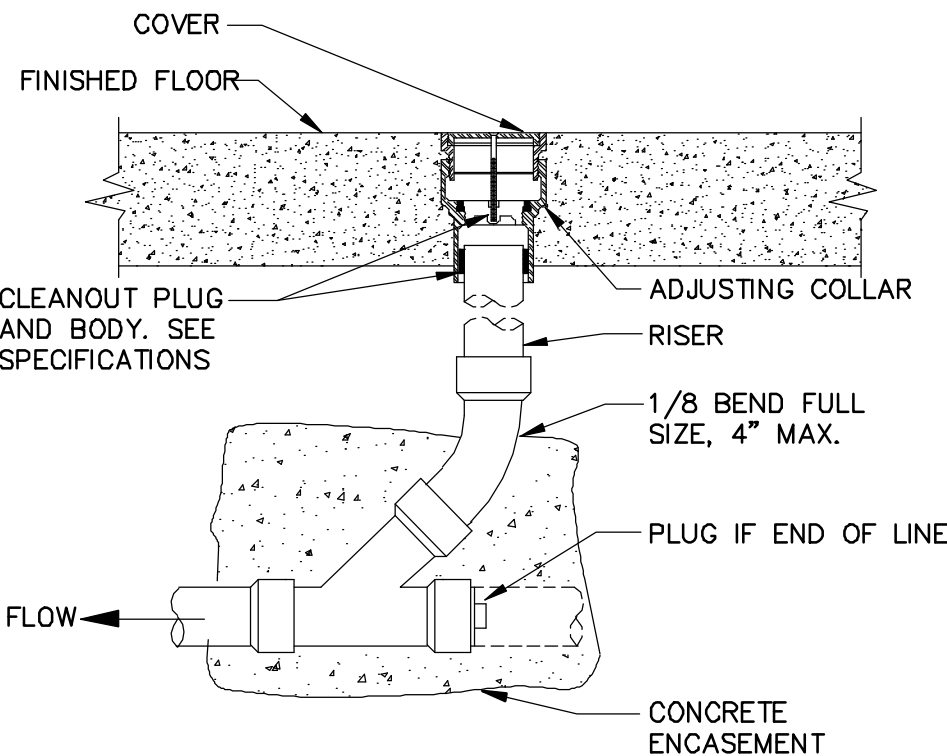
WATER PIPING RISER
SCALE : NTS



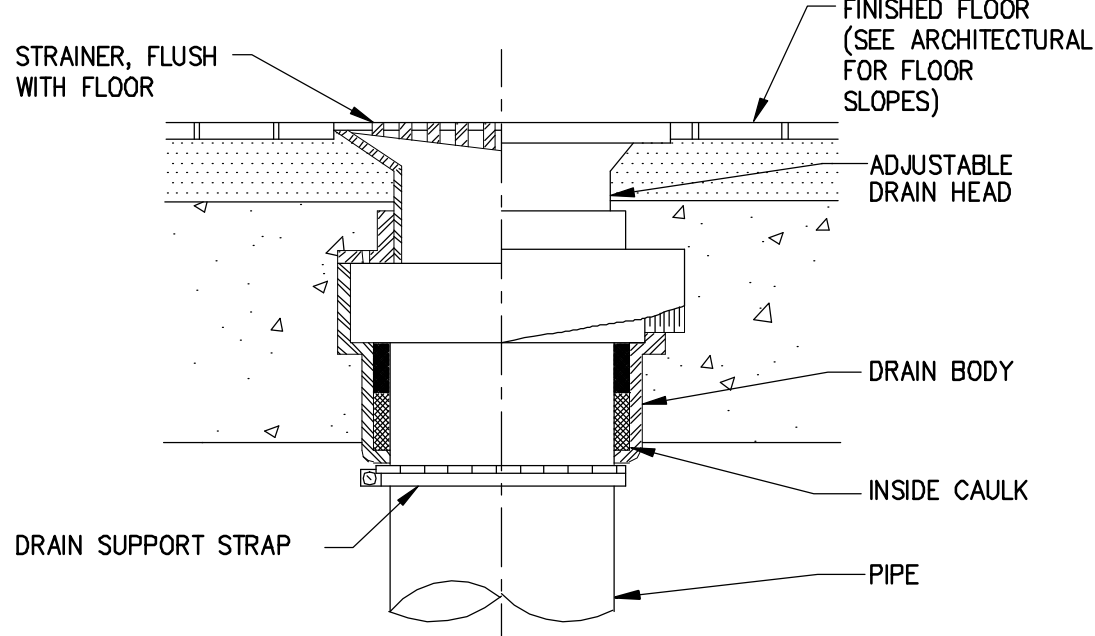
WASHER BOX DETAIL
SCALE : NTS



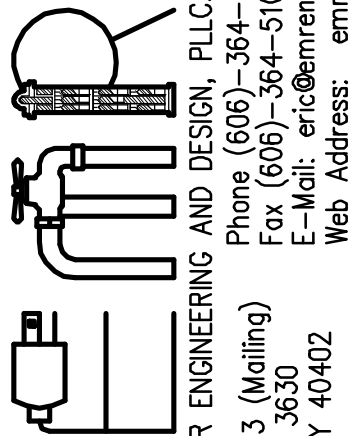
WATER HEATER DETAIL
SCALE : NTS



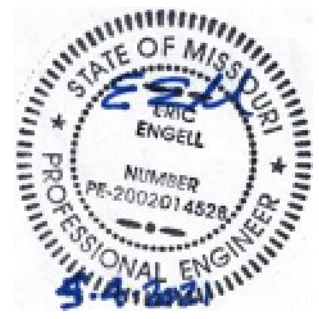
FLOOR CLEANOUT DETAIL
SCALE : NTS



FLOOR DRAIN DETAIL
SCALE :



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MARK DATE DESCRIPTION

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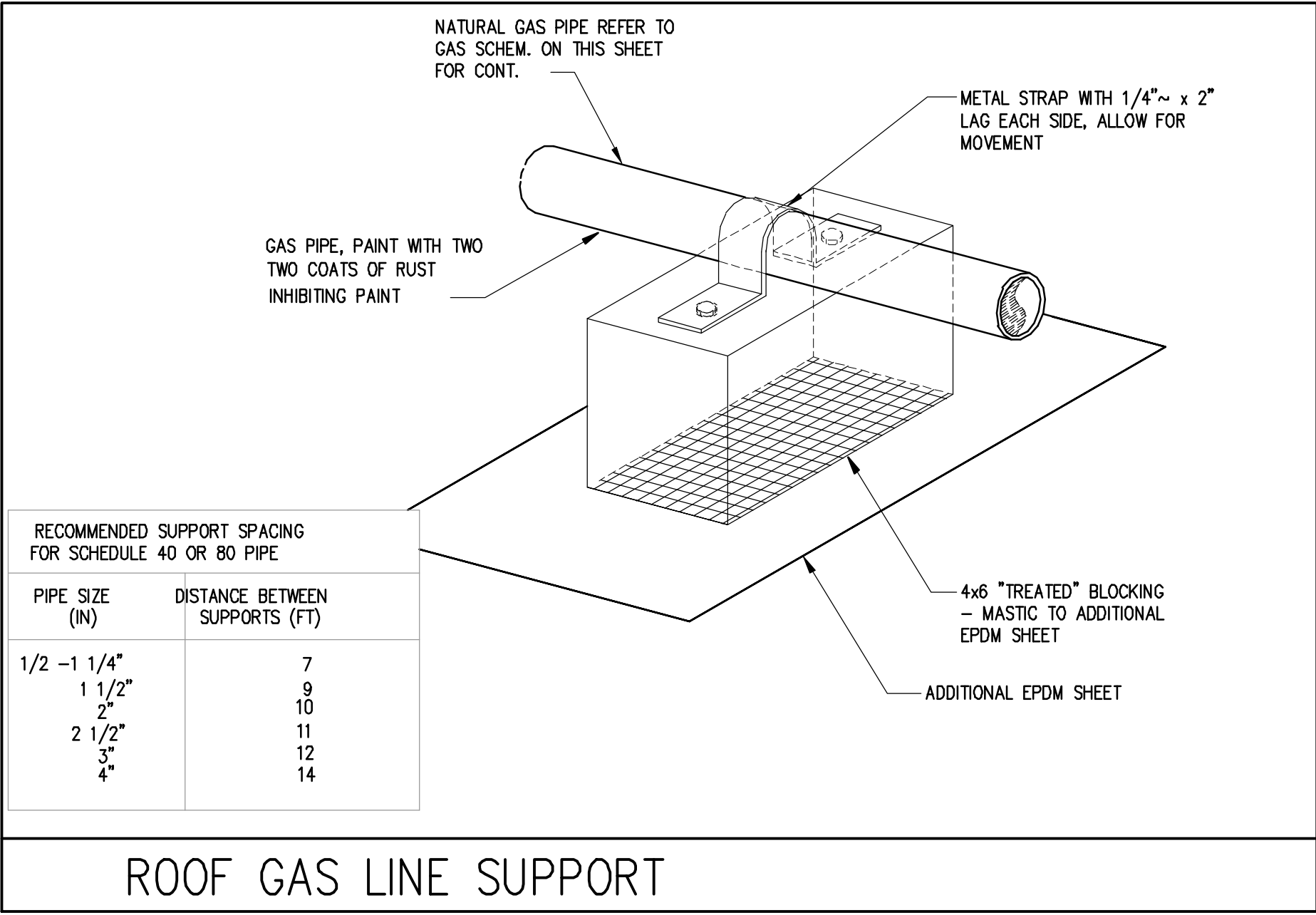


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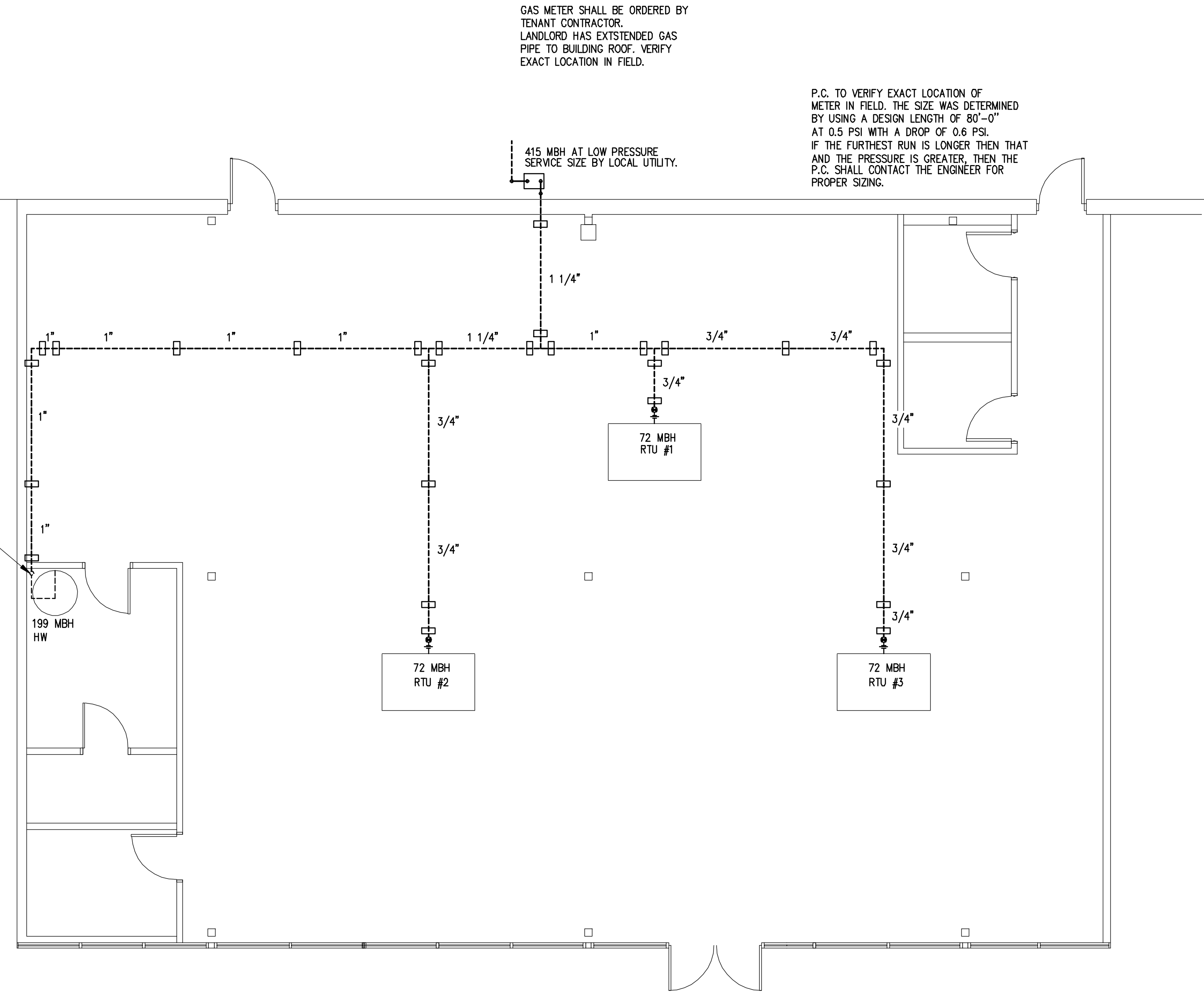
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5-4-21	PLAN REVIEW COMMENTS
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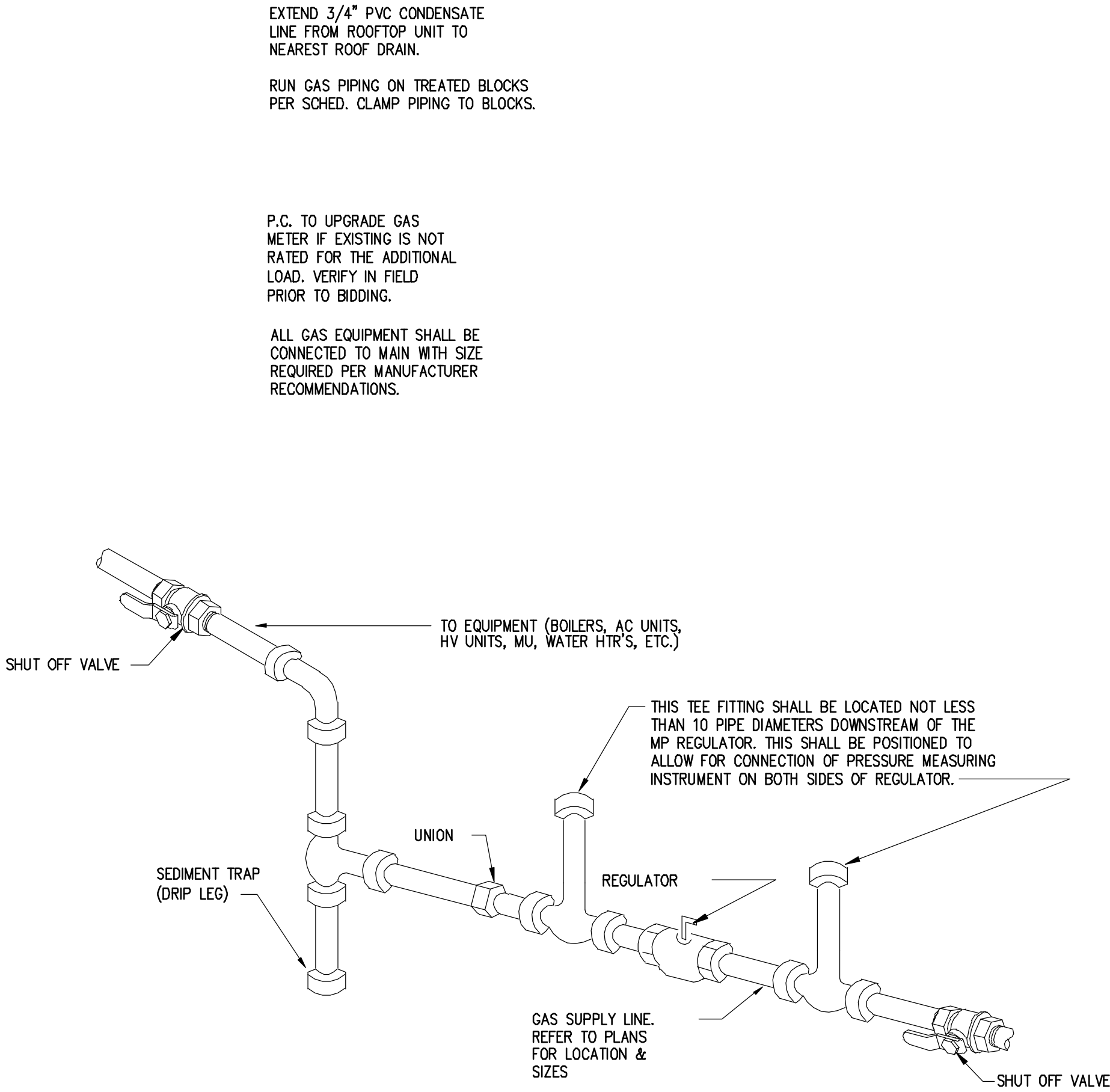


NOTES:
ROOF WORK AND REFLASHING FOR HVAC EQUIPMENT, PLUMBING VENTS, PENETRATIONS, ETC., SHALL BE PROVIDED BY A LANDLORD APPROVED ROOFING CONTRACTOR ONLY. TENANT'S CONTRACTOR SHALL CONTACT LANDLORD REGARDING THE MEANS OF TOILET EXHAUST. IF THE TOILET IS TO BE VENTED ELSEWHERE IT WILL BE BY THE CONTRACTOR. TO A LOCATION APPROVED BY THE LANDLORD, WITHOUT ANY ADDITIONAL EXPENSE TO THE TENANT.



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

P.C. SHALL RUN 1" GAS PIPE DOWN TO NEW WATER HEATERS CONNECT PER MANUFACTURERS RECOMMENDATIONS. VERIFY EXACT LOCATION IN FIELD.



2 TYPICAL GAS PIPING CONNECTION DETAIL
FOR THE INSTALLATION OF PRESSURE REGULATORS
SCALE : NONE

IF MEDIUM OR GREATER PRESSURE EXISTS AND PRESSURE REGULATORS ARE REQUIRED, THE P.C. SHALL SUPPLY AND INSTALL A VENT TO THE EXTERIOR OR A VENT LIMITING DEVICE FOR ALL MEDIUM PRESSURE REGULATORS LOCATED WITHIN THIS SPACE. V.I.F.

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464 NW CHIPMAN RD
LEES SUMMIT MO 64063

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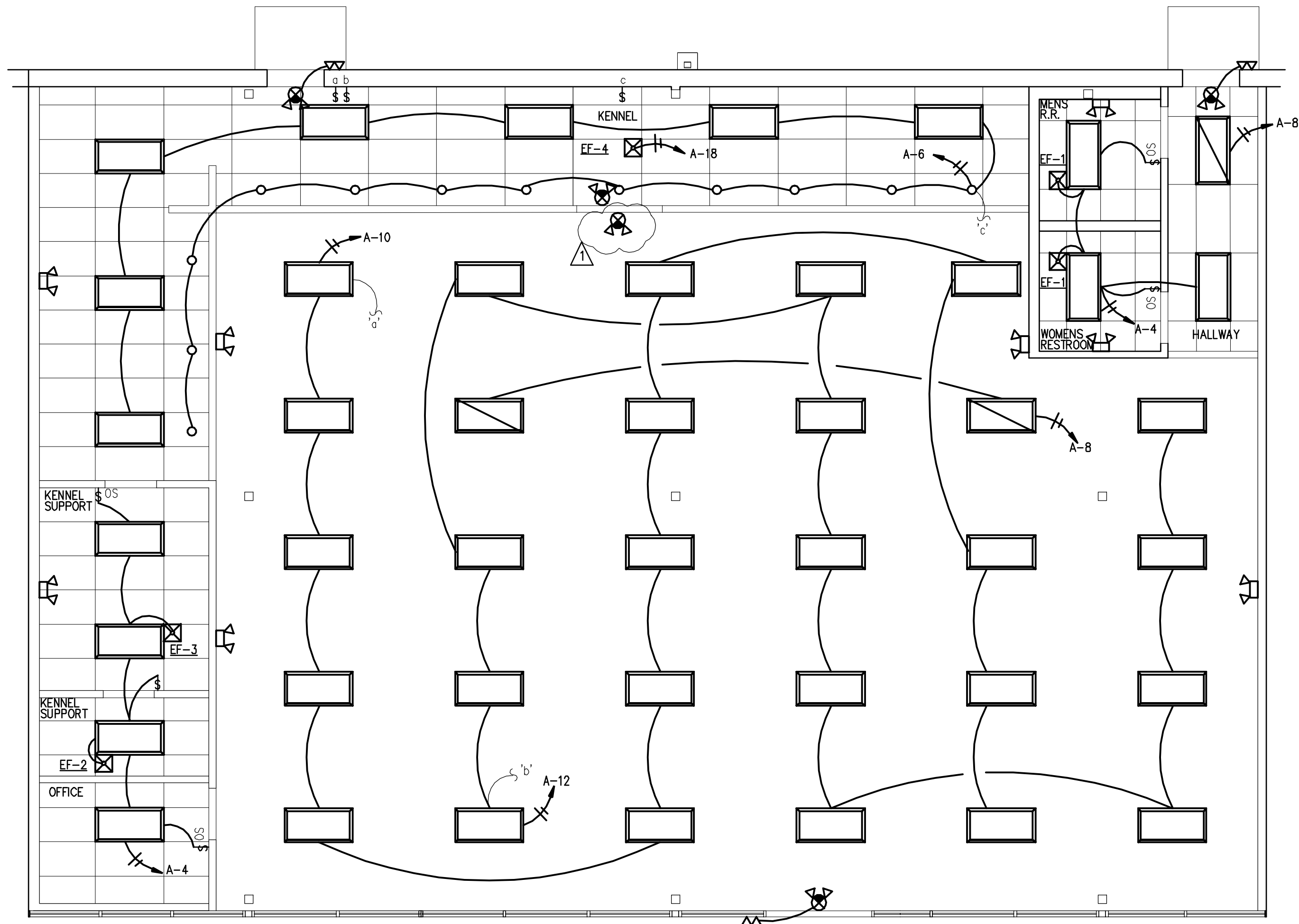
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1 ELECTRICAL LIGHTING PLAN

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

EMERGENCY AND EXIT LIGHTS SHALL BE CONNECT TO THE SAME CIRCUIT THAT SERVES THE LIGHTS THAT ARE IN THE SAME AREA THAT THE EMERGENCY AND EXIT LIGHTS ARE IN AND SHALL BE CONNECTED AHEAD OF ANY LOCAL SWITCHES.

LIGHT FIXTURE SCHEDULE						
FIX. SYM.	LIGHT DESCRIPTION	WATTS	LAMPS		MOUNTING	LTC. FIXT. SCHEDULE NOTES
			QTY.	WATTS TYPE		
	E-CONOLIGHT MODEL - E-XML1W (2) TWO ADJUSTABLE HEADS	1.8		FURNISHED W/ FIXTURE	WALL OR CEILING SURFACE	EMERGENCY LIGHT WITH BATTERY NOTES: B & C
	E-CONOLIGHT EXIT LIGHT MODEL - E-XCL2RRCW SINGLE FACE	3.4		FURNISHED W/ FIXTURE	WALL OR CEILING SURFACE	L.E.D. EXIT SIGN WHITE HOUSING, RED LETTERS W/EMERGENCY BATTERY NOTE: B & C
	E-CONOLIGHT EXTERIOR EMERGENCY LIGHT MODEL - E-XHL2DW DUAL LIGHT, 3.6 WATTS (USE E-XHL-2WG IN WET LOCATION AREAS)			FURNISHED W/ FIXTURE	WALL SURFACE	EMERGENCY LIGHT WITH BATTERY NOTES: B & C.
	2'-0" X 4'-0" LED CEILING LIGHT HERMITAGE C-TR-CFP24-50L-50K-WH	41		41 WATT LED	LAYIN CEILING	NOTES: A & B
	NIGHT LIGHT 2'-0" X 4'-0" LED CEILING LIGHT HERMITAGE C-TR-CFP24-50L-50K-WH	41		41 WATT LED	LAYIN CEILING	NOTES: A, B & D
	CAN LIGHTS	50		50 WATT LED	LAYIN CEILING	
LIGHTING FIXTURE SCHEDULE NOTES:						
A. NEW LED LAMP						
B. FIXTURE PROVIDED WITH DUAL VOLTAGE 120/277V POWER SUPPLY. VERIFY VOLTAGE FOR EACH FIXTURE LOCATION.						
C. LIGHT FIXTURE SHALL HAVE BATTERY BACK-UP AND WIRED AHEAD OF LIGHTS ON SAME CIRCUIT. THE BATTERY BACK-UP SHALL ALLOW THIS FIXTURE TO REMAIN ON FOR A MIN. OF 90 MINUTES DURING LOSS OF POWER.						
D. LIGHT FIXTURE SHALL REMAIN ON DURING NON-BUSINESS WORKING HOURS.						

A SWITCH WITH A LOWER CASE LETTER WILL CONTROL THE LIGHT FIXTURE WITH THE SAME LOWER CASE LETTER.
A SWITCH WITH THIS REFERENCE WILL BE EQUIPPED WITH AN OCCUPANCY SENSOR.

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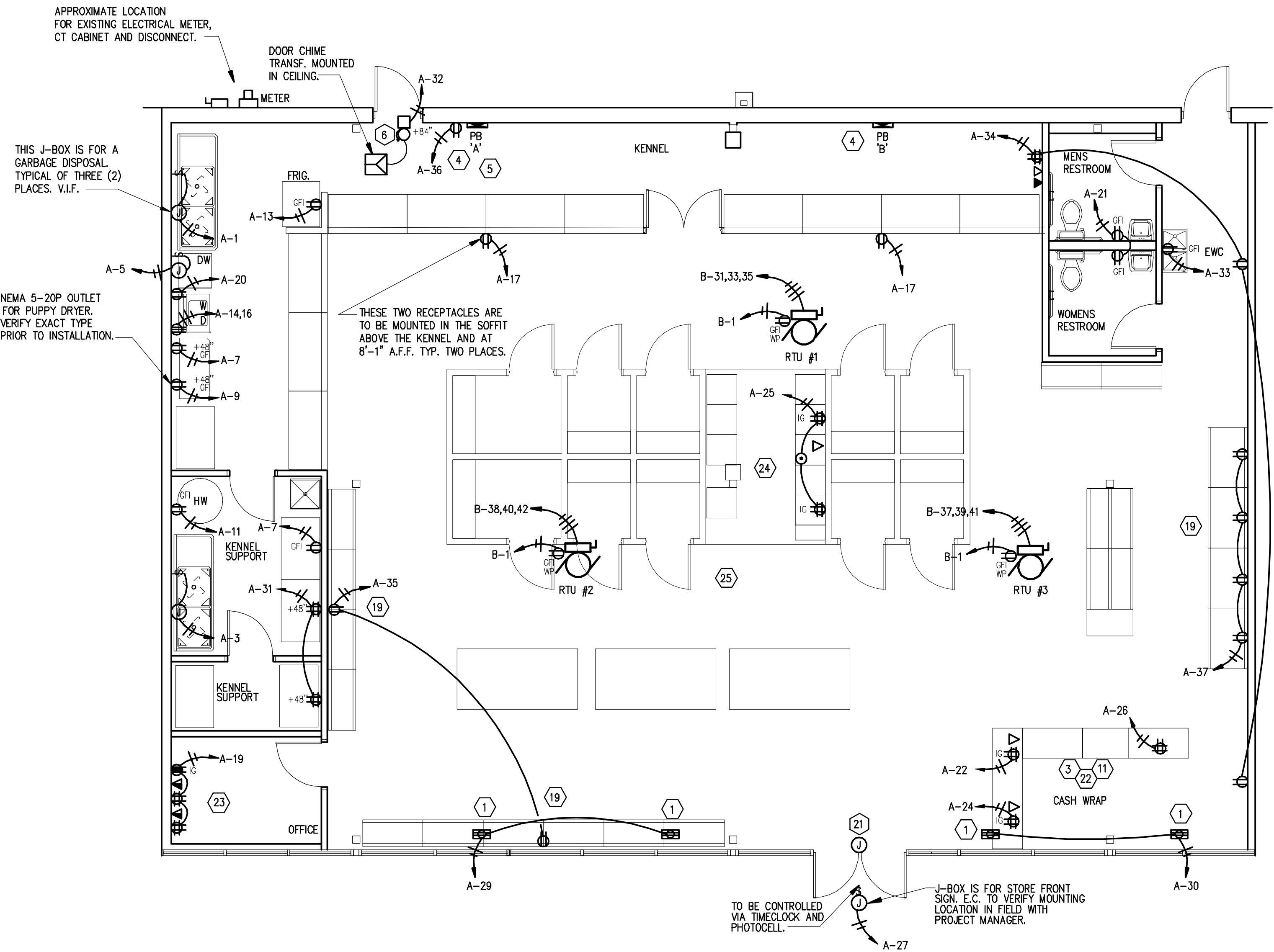
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SYMBOL LEGEND

	SPEAKER		ELECTRICAL PANEL
	DOUBLE DUPLEX RECEPTACLE		SINGLE OR THREE-PHASE MOTOR - HP INDICATED
	JUNCTION BOX WITH FLUSH COVER		TELEPHONE OUTLET MOUNTED AT 18" A.F.F.
	DUPLEX RECEPTACLE - GROUND FAULT INTERRUPTER TYPE		WALL MOUNTED TELEPHONE OUTLET MOUNTED AT 60" A.F.F.
	DUPLEX RECEPTACLE - FLOOR MTD - VERIFY LOCATION		COMBINATION TELEPHONE/DATA OUTLET
	RECEPTACLE MTD 6" ABOVE COUNTER OR 48" AFF		DUCT SMOKE DETECTOR
	DUPLEX RECEPTACLE - MTD 18" AFF (TO BE VERIFIED)		BELOW FLOOR CONDUIT
	SPECIAL PURPOSE RECEPTACLE - MTD, AT 18" AFF, SEE DWG FOR AMPERAGE AND VOLTAGE		ELECTRICAL CONTRACTOR
	PUSH BUTTON SWITCH MOUNT AT 60" A.F.G.		HVAC
	DOOR BELL OR BUZZER - MOUNTING AT 84" A.F.F.		ABOVE FINISHED FLOOR
	THREE WAY SWITCH		ABOVE FINISHED GRADE
	SWITCH - SINGLE POLE		WEATHER PROOF
	VOLUME CONTROL		ISOLATED GROUND
	3 WIRES, 1 NEUTRAL		ROOF TOP UNIT
	4 WIRES, 1 NEUTRAL		CONDUIT
	HOME RUN PANEL AND CIRCUIT NUMBER, 2-#12, #12C, 3/4" C. TO A 20A-1P C/B TYPICALLY		GROUND
	"RUN CONTINUES" INDICATION		MAIN CIRCUIT BREAKER
	BACK BOARD		MAIN LUG ONLY
	FUSED DISCONNECT SWITCH		EXHAUST FAN
	MAGNETIC MOTOR STARTER - H.O.A. TYPE		TELEVISION CABLE OUTLET WITH CABLE TO OFFICE

POWER PLAN CODED NOTES:

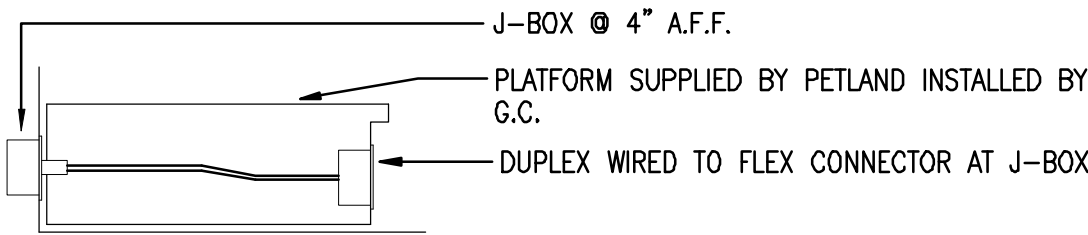
- 1 STORE FRONT SHOW WINDOW OUTLETS MOUNTED IN CEILING OR IN BULKHEAD AS DIRECTED.
- 2 NOT USED
- 3 DEVICE LOCATED IN CASEWORK. COORDINATE EXACT LOCATION WITH DESIGNER.
- 4 SEE DISTRIBUTION DIAGRAM ON DRAWING E-3.
- 5 TELEPHONE BACKBOARD. PROVIDE RECEPTACLE AND GROUNDING. EXTEND 1 1/2" CONDUIT FOR TELEPHONE SERVICE FROM LANDLORD'S TELEPHONE CABINET TO THIS LOCATION. COORDINATE WITH TENANT COORDINATOR.
- 6 PROVIDE AND INSTALL LOW VOLTAGE DELIVERY BUZZER SYSTEM. LOCATE PUSH-BUTTON AT REAR DOOR. TRANSFORMER AND BUZZER IN RECEIVING AREA. CONNECT TO RECEPTACLE CIRCUIT AS INDICATED.
- 7 NOT USED
- 8 NOT USED
- 9 NOT USED
- 10 NOT USED
- 11 PROVIDE TELEPHONE OUTLET WITH TELEPHONE CABLE FROM CASH WRAP TO OFFICE. DATA OUTLET TO BE BLANK FOR TENANT INSTALLED SYSTEM. LOCATE DEVICES IN CASEWORK FOR CASH WRAP AS DIRECTED BY DAS PRIOR TO ROUGH-IN.
- 12 NOT USED
- 13 NOT USED
- 14 NOT USED
- 15 NOT USED
- 16 NOT USED
- 17 NOT USED
- 18 NOT USED
- 19 36" FLEX CONNECTION TO DUPLEX OUTLET MOUNTED IN BASE OF DISPLAY UNIT. COORDINATE LOCATION OF DUPLEX OUTLET WITH KNOCKOUT IN DISPLAY UNIT. SEE DETAIL "A" ON DRAWING E-3.
- 20 NOT USED
- 21 E.C. TO PROVIDE 1" CONDUIT FROM OFFICE CEILING TO FRONT EXIT DOOR WITH PULL STRING. TERMINATE AT 120" A.F.F. WITH JUNCTION BOX.
- 22 RUN 3 - CAT 5 CABLES TO OFFICE PATCH PANEL AND 1 - CAT 5 CABLE TO TELEPHONE BACKBOARD
- 23 RUN 2" CONDUIT FROM ABOVE CEILING DOWN TO SHELVE AT 70" A.F.F. TO PATCH PANEL FOR DATA (VERIFY IN FIELD)
- 24 RUN 3 - CAT 5 CABLE TO FRONT OFFICE PATCH PANEL
- 25 E.C. TO INSTALL SPEAKERS THROUGH OUT STORE, VERIFY QUANTITY AND LOCATION WITH OWNER. VOLUME CONTROL TO BE INSTALLED IN OFFICE.



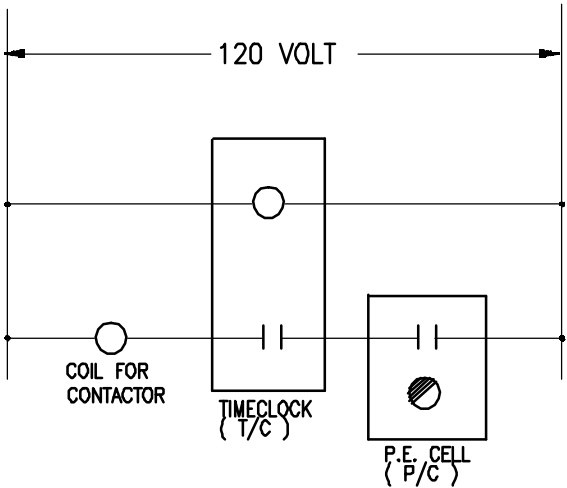
1 ELECTRICAL POWER PLAN
SCALE: 3/16" = 1'-0"

NOTES:

- THE CONTRACTOR SHALL, FURNISH ALL LABOR MATERIALS AND EQUIPMENT FOR THE COMPLETE INSTALLATION
- NOT USED
- ALL SWITCHES ARE TO BE ④ 46" AFF. AND ARE TO BE 20A 120/277V 1" RATED SPEC. GRADE TYPE.
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2014 EDITION OF THE NEC AND THE LATEST EDITION OF ALL LOCAL CODES AND ORDINANCES.
- WORKMANSHIP SHALL BE FIRST QUALITY AND IN ACCORDANCE WITH BEST PRACTICES FOR THE TRADE BY SKILLED WORKERS.
- LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE ACTUAL LOCATIONS WITH OTHER TRADES AND THE OWNER OF THE OWNERS AUTHORIZED REPRESENTATIVE.
- UNLESS OTHERWISE NOTED, CONDUCTOR INSULATION SHALL BE TYPE THHN, RATED 600V AC AND 75 DEG. C. CONDUCTORS FOR USE IN POWER AND LIGHTING CIRCUITS NO. 10 AND SMALLER SHALL BE SOLID, NO. 8 AND LARGER CONDUCTORS SHALL BE STRANDED. CONDUCTORS FOR USE IN CONTROL AND SIGNAL CIRCUITS SHALL BE NO. 14 STRANDED. ALL CONDUCTORS SHALL BE COPPER.
- CONDUIT RUNS SHALL BE INSTALLED PER STATE AND LOCAL CODES.
- ALL MATERIALS SHALL BE NEW, WITH U.L. APPROVED LABELS.
- ALL ELECTRICAL EQUIPMENT AND SYSTEMS SHALL BE TESTED AND ADJUSTED FOR PROPER OPERATION. COMPLETE WIRING SYSTEM SHALL BE FREE OF SHORT AND OPEN CIRCUITS.
- COLOR OF DEVICES AND DEVICE PLATES SHALL BE COORDINATED WITH WALL COLOR AND SHALL BE COMPATIBLE WITH WALL COLORS.
- THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES AND PERMITS REQUIRED FOR THE CONSTRUCTION OF THE PROJECT.
- THE CONTRACTOR SHALL FURNISH THE CERTIFICATE OF ELECTRICAL INSPECTION TO THE OWNER AT THE COMPLETION OF THIS PROJECT.
- ALL ELECTRICAL EQUIPMENT SHOWN SHALL BE ELECTRICALLY PROTECTED AND PROPERLY WIRED IN ACCORDANCE WITH THE NEC. COORDINATE LOCATIONS AND ELECTRICAL DATA WITH THE OWNER.
- FLEXIBLE METAL RACEWAYS 6 FEET OR LESS IN LENGTH SHALL BE PROVIDED TO ALL ELECTRICAL EQUIPMENT SUBJECT TO VIBRATION OF MOVEMENT AND FOR ALL MOTORS. LIQUID TIGHT RACEWAYS SHALL BE USED IN WET LOCATIONS.
- REUSE EXISTING ELECTRICAL SERVICE AND PANELS AS SHOWN.
- ALL EXISTING CONDUIT AND CONDUCTORS THAT ARE NOT TO BE USED IN THE REMODEL MUST BE REMOVED, OBSOLETE AND DILAPIDATED WIRING AND EQUIPMENT SHALL NOT BE REUSED.



A DETAIL STREATER OUTLET
SCALE: NONE



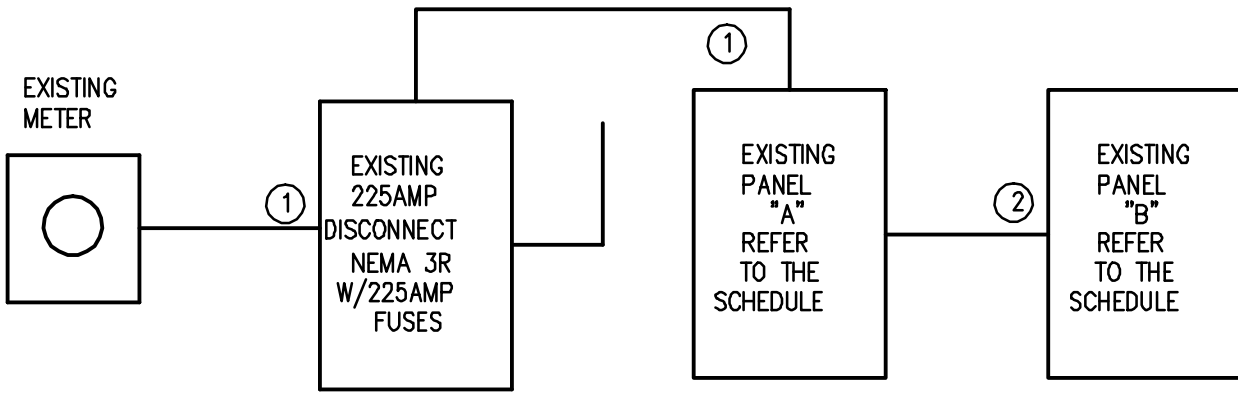
B SIGN CONTROL W/D
NO SCALE

ELECTRICAL PANEL SCHEDULE

FEED POSITION			MOUNTING			PANEL NO. A			ENCLOSURE 225A MAIN BREAKER		
SERVICE VOLTAGE 120/208V/3PH/4W			PANEL DESCRIPTION			EXISTING 225MP PANEL					
CB	WIRE & CONDUIT	LOAD SERVED	CKT #	LOAD WATTS	CKT #	LOAD SERVED	WIRE & CONDUIT	CB			
αA	αB	αC	αA	αB	αC						
20A	2-#12 THW & 1 #12 G, 3/4" C.	GARBAGE DISPOSAL	1	1000		2	STORE FRONT SIGN	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	TC
20A	2-#12 THW & 1 #12 G, 3/4" C.	GARBAGE DISPOSAL	3	1200	1000	4	OFFICE & R.R. LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	DISHWASHER	5	527	887	6	KENNEL LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	KENNEL RECEP.TS.	7	720		8	NIGHT LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	PUPPY DRYER	9	123	1000	10	SALES AREA LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	WATER HEATER	11	574	180	12	SALES AREA LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	KENNEL FRIDGE	13	500	533	14	DRYER	3-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	PANEL BOARD RECEP.T.	15	1500	180	16	KENNEAL EXHAUST FAN	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	SOFFIT RECEP.TS.	17	900	1500	18	WASHER	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	OFFICE RECEP.TS.	19	500	360	20	CASHWRAP QUAD	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	RESTROOMS RECEP.TS.	21	360	540	22	CASHWRAP QUAD	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	EWC	23	900	360	24	CASHWRAP QUAD	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	FLOOR RECEP.TS./QUADS	25	360	1200	26	CASHWRAP QUAD	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	STORE FRONT SIGN	27		100	28	TIME CLOCK	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	CEILING RECEP.TS.	29	720	360	30	CEILING RECEP.TS.	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	SUPPORT RM. QUADS	31	100	180	32	DOOR BUZZER	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	SUPPORT RM. RECEP.T.	33		540	34	MISC. RECEP.TS.	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	MISC. RECEP.TS.	35	720	540	36	RTU RECEP.TS.	2-#12 THW & 1 #12 G, 3/4" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	SPACE	37	8712	0	38	PANEL "B"	4-#4/0 THW & 1 #2 G, 2 1/2" C.	20A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	SPACE	39		8712	40			225A	1P	
20A	2-#12 THW & 1 #12 G, 3/4" C.	SPACE	41		8712	42			225A	1P	
TC TIME CLOCK			TOTALS								
* LOCK-ON BREAKER											
TOTAL LOAD KVA/AMPS 50.8/141.0			DEMAND 50,756			TOTAL LOAD WATTS 50,756			PROTECTED LOAD-AMPS 176.3/225AT		

ELECTRICAL PANEL SCHEDULE

FEED POSITION			MOUNTING			PANEL NO. B			ENCLOSURE 225A MAIN BREAKER		
SERVICE VOLTAGE 120/208V/3PH/4W			PANEL DESCRIPTION			EXISTING 225AMP PANEL					
CB	WIRE & CONDUIT	LOAD SERVED	CKT #	LOAD WATTS	CKT #	LOAD SERVED	WIRE & CONDUIT	CB			
αA	αB	αC	αA	αB	αC						
45A	4-#8 THW & 1 #10 G, 1" C.	RTU-1	1	2904		2	RTU-2	4-#8 THW & 1 #10 G, 1" C.	45A	1P	H
45A	4-#8 THW & 1 #10 G, 1" C.	RTU-3	3	2904	2904	4	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	5	2904	2904	6	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	7	2904	2904	8	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	9	2904	2904	10	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	11	2904	2904	12	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	13	2904	2904	14	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	15	2904	2904	16	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	17	2904	2904	18	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	19	2904	2904	20	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	21	2904	2904	22	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	23	2904	2904	24	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	25	2904	2904	26	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	27	2904	2904	28	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	29	2904	2904	30	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	31	2904	2904	32	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	33	2904	2904	34	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	35	2904	2904	36	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	37	2904	2904	38	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	39	2904	2904	40	SPACE		45A	1P	
45A	4-#8 THW & 1 #10 G, 1" C.	SPACE	41	2904	2904	42	SPACE		45A	1P	
H HACR BREAKER			TOTALS								
TOTAL LOAD KVA/AMPS 26.2/72.6			DEMAND 26,136			TOTAL LOAD WATTS 26,136			PROTECTED LOAD-AMPS 90.8/225AT		



① EXISTING TO BE REUSED AS IS

② (4) #4/0 THW
#2 COPPER GROUND
IN 2 1/2" CONDUIT.

① RISER DIAGRAM
SCALE: N.T.S.

RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
05/05/2021

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