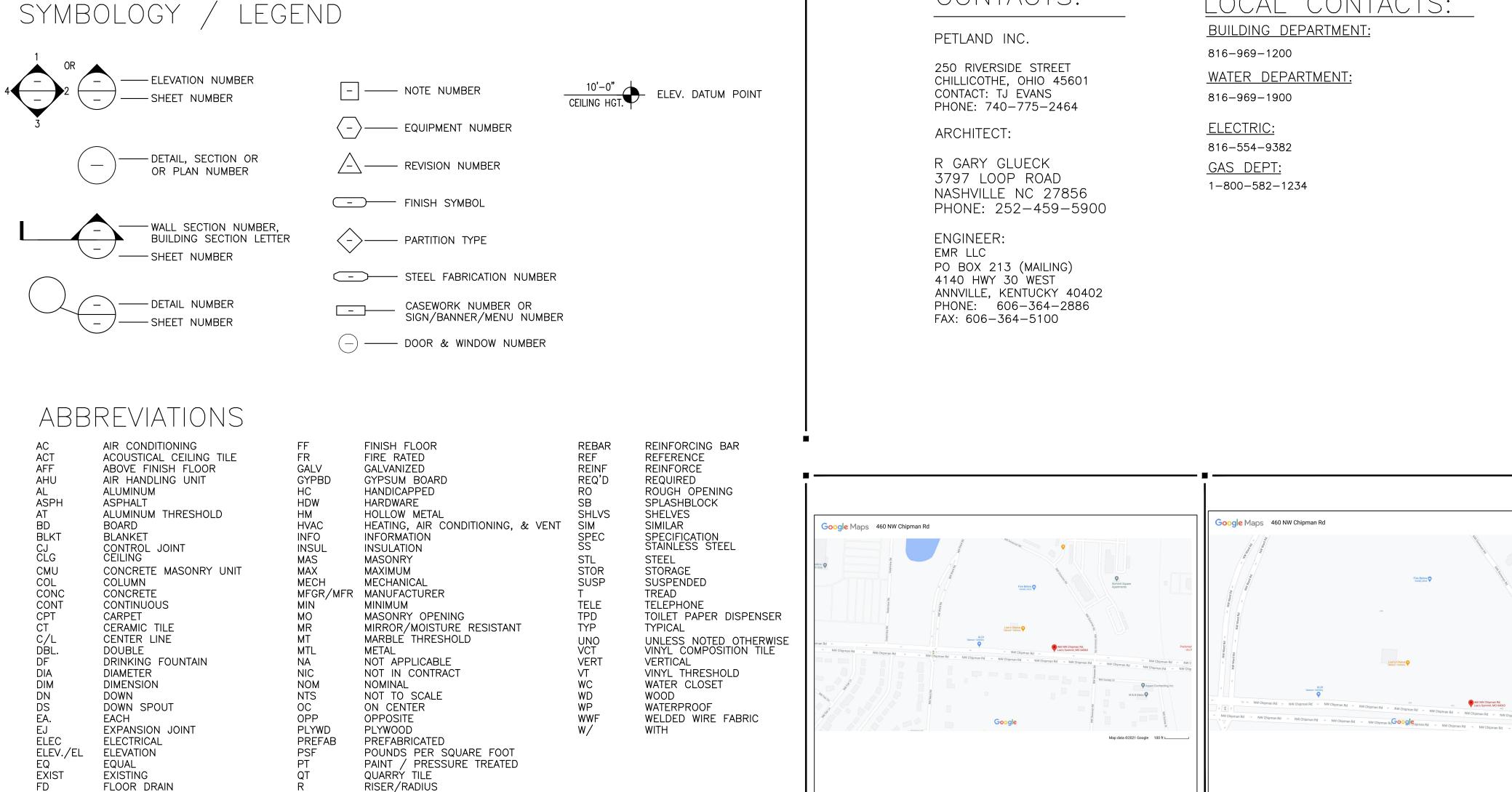


CONTACTS:

LEE'S SUMMIT MO

TENANT INTERIOR BUILD OUT

KEY PLAN



LOCATION MAP

FIRE EXTINGUISHER

_OCAL CONTACTS: building department:

SHT. NO.	DESCRIPTION						
CS	COVER SHEET						
	ARCHITECTURAL DRAWINGS						
AA	SPECIFICAITONS & 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						

SHEET INDEX

R. Gary Glueck

Architecture Planning

3797 Loop Road Nashville, NC 27856

ROBERT GARY GLUECK

Email: Plans4u2@yahoo.com

ROBERT G GLUECK MISSOURI LICENSE NUMBER:

RIMINAL AND CIVIL PENALTIES AND DAMAGES. AND NOT TO BE USED, COPIED, OR DUPLICATED THESE DRAWINGS AND SPECIFICATIONS ARE OWNED WITHOUT PRIOR WRITTEN ONSENT. ANY UNAUTHORIZED USE OR DISCLOSURE OF THE SOPRIETARY INFORMATION CONTAINED HEREIN MAY SUBJECT SUCH PERSONS TO:

PETLAND INC
CHILLICOTHE DH 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 460 NW CHIPMAN RD LEES SUMMIT MO 64063

DRAWING HISTORY:

ISSUED FOR DATE

DRAWN BY: STAFF

CHECKED BY: STAFF

DATE: 1/08/2020

PROJECT SHEET NO.

GENERAL SPECIFICATIONS

A. <u>GENERAL</u>

1. THE USE OF THESE DOCUMENTS IS RESTRCITED 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.

2. 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.

- 3. 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
- 4. 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.
- 5. 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.
- 6. GENERAL CONTRACTOR TO COORDINATE INTERRUPTION OF EXISTING BUILDING FIRE PROTECTION SYSTEM WITH BUILDING LANDLORD. CONTRACTOR TO PAY ALL SHUTDOWN FEES AND RELATED CHARGES.
- 7. GENERAL CONTRACTOR TO FILE ALL REQUIRED INSURANCE CERTIFICATES WITH CENTER AND OWNER.
- 8. 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
- 9. 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.
- 10. GENERAL CONTRACTOR SHALL NOT REJECT ANY FIXTURE/MATERIAL DELIVERIES UNLESS THEY FIRST CALL THE PROJECT MANAGER (740)-253-2198.
- 11. 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.
- 12. 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.
- 13. <u>GENERAL CONTRACTOR TO CONCENTRATE ON AQUARIUM ROOM TO BE DONE FOUR WEEKS INTO JOB, INCLUDING PLUG MOLD WHICH HAS A (6) WEEK LEAD TIME.</u>
- 14. 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. <u>DEMOLITION (IF REQUIRED)</u>

CONDITIONS AND THE DRAWINGS.

1. 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.

2. 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.

- 3. DEMOLITION WORK TO BE COMPLETE WITH AS LITTLE DISRUPTION TO OTHER AREAS AS POSSIBLE. CONTRACTOR TO REMOVE DEBRIS WITHOUT IT COLLECTING WITHIN THE PREMISES.
- 4. 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.
- 5. 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.
- 6. 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.
- 7. 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.
- 8. MODIFY EXISTING SPRINKLER SYSTEM AS REQUIRED FOR NEW WALL CONSTRUCTION.
- 9. ALL WORK TO CONFORM TO CODE.
- 10. REMOVE ALL FLOOR FINISHES, CARPET, CERAMIC TILE, VINYL FLOOR, BASE.

11. 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

DRAWINGS.

- 1. WALLS TO BE FRAMED OUT WITH 20 GAUGE, 3-5/8" METAL STUDS AS SHOWN ON
- 2. 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. <u>DRYWALL</u>

- 1. 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 CONFIRM TO U.S. GYPSUM STANDARD SPECIFICATIONS OR EQUAL. VISIBLE JOINTS WILL NOT BE ACCEPTABLE.
- E. SPRINKLER & FIRE ALARM
- 1. GENERAL CONTRACTOR TO PROVIDE SPRINKLER & FIRE ALARM SYSTEM. IN ACCORDANCE WITH APPLICABLE CODES.
- 2. SPRINKLER & FIRE ALARM PROTECTION DRAWINGS TO BE SUBMITTED AT A LATER DATE.
- 2. ALL WORK TO CONFIRM TO CODE.

F. <u>FIRE EXTINGUISHERS</u>

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

C CEILING

- 15. SALES AREA TO BE OPEN TO BOTTOM OF ROOF DECK (UNLESS NOTED OTHERWISE).
- 16. DRYWALL CEILING TO BE 5/8" DRYWALL (SMOOTH FINISH) ON USG SUSPENSION SYSTEM. (MAY NOT APPLY)
- 17. BLACK CEILING TILE (FOR AQUARIUM ROOM) HAS A LEAD TIME.
- 18. WHITE CEILING TILE IN KENNEL, ISO ROOM, OFFICE, RESTROOMS, CORRIDOR, COMMUNITY ROOM, PUPPY RUN, & STORAGE/UTILITY ROOM (UNLESS NOTED OTHERWISE).
- H. <u>VINYL TILE FLOORING AND VINYL BASE</u>
- 19. VINYL BASE AT LAVATORIES AND CORRIDOR TO BE 4" COVE, VINYL BASE AT CARPETED RISERS TO BE 4" STRAIGHT.
- 20. 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.
- 21. 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.
- 22. VINYL COMPOSITION TILE IS TO HAVE FIVE (5) COATS OF WAX.
- 23. 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)
- 1. CARPET TO BE SUPPLIED BY THE GENERAL CONTRACTOR.
- 2. GENERAL CONTRACTOR TO PROVIDE PROPERLY PREPARED FLOOR SURFACE, WITHOUT HOLES, CRACKS, OR BUMPS FOR GLUE—DOWN CARPET INSTALLATION.
- 3. 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.
- 4. 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. <u>PLASTIC LAMINATE</u>

- 1. 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.
- 2. 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

- 1. THE WORK SHALL BE LAID OUT FROM THE DIMENSIONS SHOWN ON THE DRAWINGS ONLY. (DO NOT SCALE THE DRAWINGS)
- 2. 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.
- 3. 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.
- 4. 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.
- 5. 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.
- 6. 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.
- 7. 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.
- 8. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY ALL OVERALL DIMENSIONS, COLUMN LOCATIONS AND REPORT THESE TO THE DESIGNER.
- 9. 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.

- 10. 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.
- 11. 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
- 12. 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, 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.
- 13. 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.
- 14. 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

- 1. 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.
- 2. 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
- 3. ALL WORK IS TO PERFORMED IN ACCORDANCE WITH ALL GOVERNING CODES, ORDINANCES, AND AUTHORITIES HAVING JURISDICTION INCLUDING BUT NOT LIMITED TO HANDICAP CODES.

MILLWORK

- 1. MILLWORK TO SUPPLIED BY THE MILLWORK CONTRACTOR AND BY THE GENERAL CONTRACTOR AS INDICATED ON DRAWINGS.
- 2. FIELD ASSEMBLE OF SUPPLIED MILLWORK MAY BE REQUIRED. FOLLOW SHOP DRAWINGS ACCOMPANYING MILLWORK.
- 3. ALL MILLWORK TO BE ASSEMBLED IN FIELD TO BE SCRIBED AND JOINED ACCURATELY.
- 4. FASTENING TO BE CONCEALED AND JOINTS INCONSPICUOUS.
- 5. MAKE ALL JOINTS IN A PERMANENT MANNER MAINTAINING A UNIFORM FLUSH, TIGHT CONNECTION USING A COMBINATION OF SCREWS, DOWELS, AND GLUE.
- 6. WHERE BLIND FASTENING IS IMPOSSIBLE AND NAILS ARE REQUIRED DRILL HOLES UNIFORMLY, SET AND PUTTY HEADS, BLIND NAIL IF POSSIBLE.
- 7. ALL CUT ENDS OF MILLWORK TO BE FILLED FINISHED TO MATCH PREFINISHED FACES.
- 8. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OFF LOADS.
- 9. SEAL ALL HOLES BETWEEN KENNELS WITH SILICON.
- 10. 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.
- 2. ALL SURFACES TO BE PRIMED PER MANUFACTURER'S RECOMMENDATIONS SUITABLE AND COMPATIBLE WITH SURFACE AND FINISH SPECIFIED.
- 3. ALL MATERIAL AND WORKMANSHIP SHALL PRODUCE A FIRST CLASS INSTALLATION OF UNIFORM
- 4. 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.
- 5. PAINTING CONTRACTOR TO FILL AND TOUCH UP ALL NAIL HOLES IN ALL WOOD TRIMS AND MOLDINGS.
- 6. 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

- 1. ALL PUNCH LIST ITEMS TO BE COMPLETED WITHIN TEN (10) WORKING DAYS OF RECEIPT.
- 2. PREMISES TO BE TURNED OVER CLEAR OF ALL DEBRIS, PACKING BOXES, WRAPPING, AND EXCESS MATERIALS.
- 3. ALL MIRROR GLASS TO BE CLEANED OF PROTECTIVE PADS, MASTIC AND MARKINGS.
- 4. 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.)
- 5. A COMPLETE LIST OF SUB NAMES, ADDRESSES, AND TELEPHONE NUMBERS TO BE SUBMITTED TO PETLAND.
- 6. 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.
- 9. 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.

ANDLORD'S WORK

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

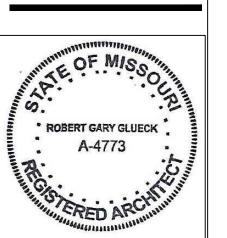
TENANT'S TAKING SPACE IN AS—IS CONDITION

Architecture Planning

R. Gary Glueck

3797 Loop Road Nashville, NC 27856

Phone: 252-459-5900 Email: Plans4u2@yahoo.com



ROBERT G GLUECK MISSOURI LICENSE NUMBER: A-4773

RIGHTED BY ORIENTAL INTERNATIONAL TRADING OCIVIL PENALTIES AND DAMAGES. AND NOT COPIED, OR DUPLICATED THESE DRAWINGS AND SATIONS ARE OWNED WITHOUT PRIOR WRITTEN ANY UNAUTHORIZED USE OR DISCLOSURE OF TY INFORMATION CONTAINED HEREIN MAY SUBJESUCH PERSONS TO:

PETLAND INC
CHILLICOTHE DH 45601
TFIL. 740-775-2464

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

ans and Specifications for PETLAND LEE'S SUMMIT 460 NW CHIPMAN RD LEES SUMMIT MO 64063

DRAWING HISTORY:

ISSUED FOR DATE

DRAWN BY: STAFF

CHECKED BY: STAFF

DATE: 1/08/2020

PROJECT | SHEET NO.

 $\overline{\Box}$

MAXIMUM ALLOWABLE CAPACITY

TEANANT NAME: PETLAND TENANT TYPE: MERCANTILE LOCATION: LEES SUMMIT MO ADDRESS: 460 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:

(NON SEPARATED, FULLY SPRINKLERED)

REQUIRED

TOTAL AREA: 3208 SQ. FT.

_____ **EGRESS CONPONENTS:**

OCCUPANCY: M (MERCANTILE)
SPRINKLERED: YES

ALL OTHER AREAS

TOTAL OCCUPANT LOAD:

EXIT ACCESS SEPARATION EXIT TRAVEL DISTANCE COMMON PATH OF EGRESS

AREAS W/LESS THEN 50 OCCUPANTS

86'-2"/3 =28'-9 " 97'-6" 250'-0" MAX 55'-5"

75'-0" MAX 30'-0"

35'-11" 30'-0"

PROVIDED

397 EGRESS CAPACITY

EXIT ROUTE

EXIT DISCHARGE

[74] #OF OCCUPANTS

NEW PARTITIONS

MAIN FOOR OCCUPANT LOAD: 3208 SQ. FT. / 60 SQ. FT. PER PERSON = 53.46 PEOPLE PEOPLE 53.46 PEOPLE X .2 IN PER = 10.7".

MIN. EGRESS WIDTH: MIN. # OF 36IN. DOORS: 10.7"/ 36" PER DOOR = (1) 36" DOOR OR EQUIVALENT (4 - 36" DOORS PROVIDED)

OCCUPANT LOAD:

EGRESS CALCS:

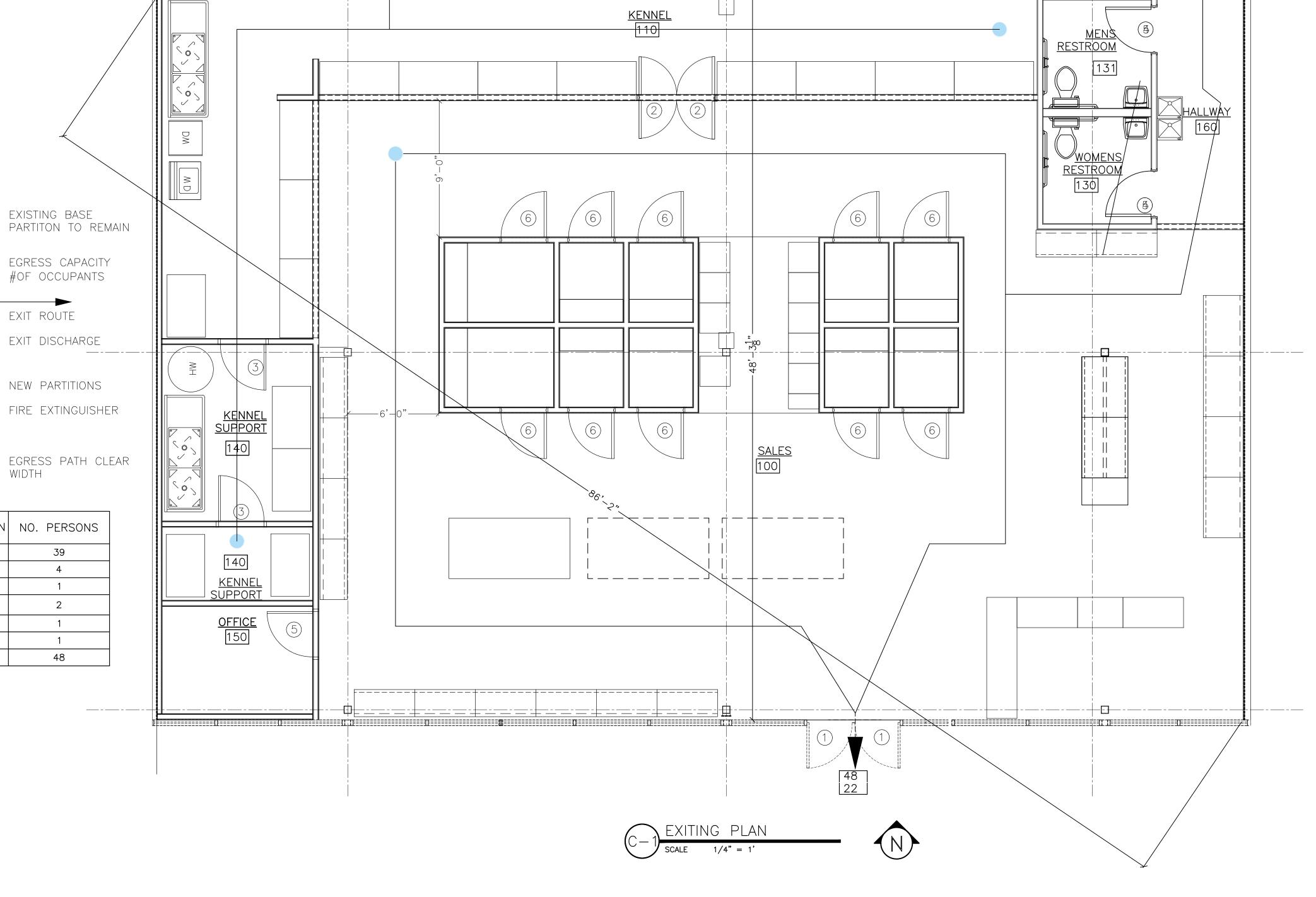
SALES AREA: BUSINESS AREA:

2365/60 = 40843/100 = 8

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	М	2365	60	39
110	KENNEL	В	390	100	4
130-131	RESTROOMS	В	130	100	1
140	SUPPORT CARE CENTER	В	168	100	2
150	OFFICE	В	70	100	1
160	HALLWAY	В	85	100	1
TOTALS			3208		48

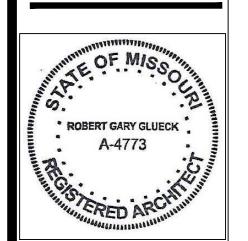




ArchitecturePlanning

3797 Loop Road Nashville, NC 27856 Phone: 252-459-5900

Email: Plans4u2@yahoo.com



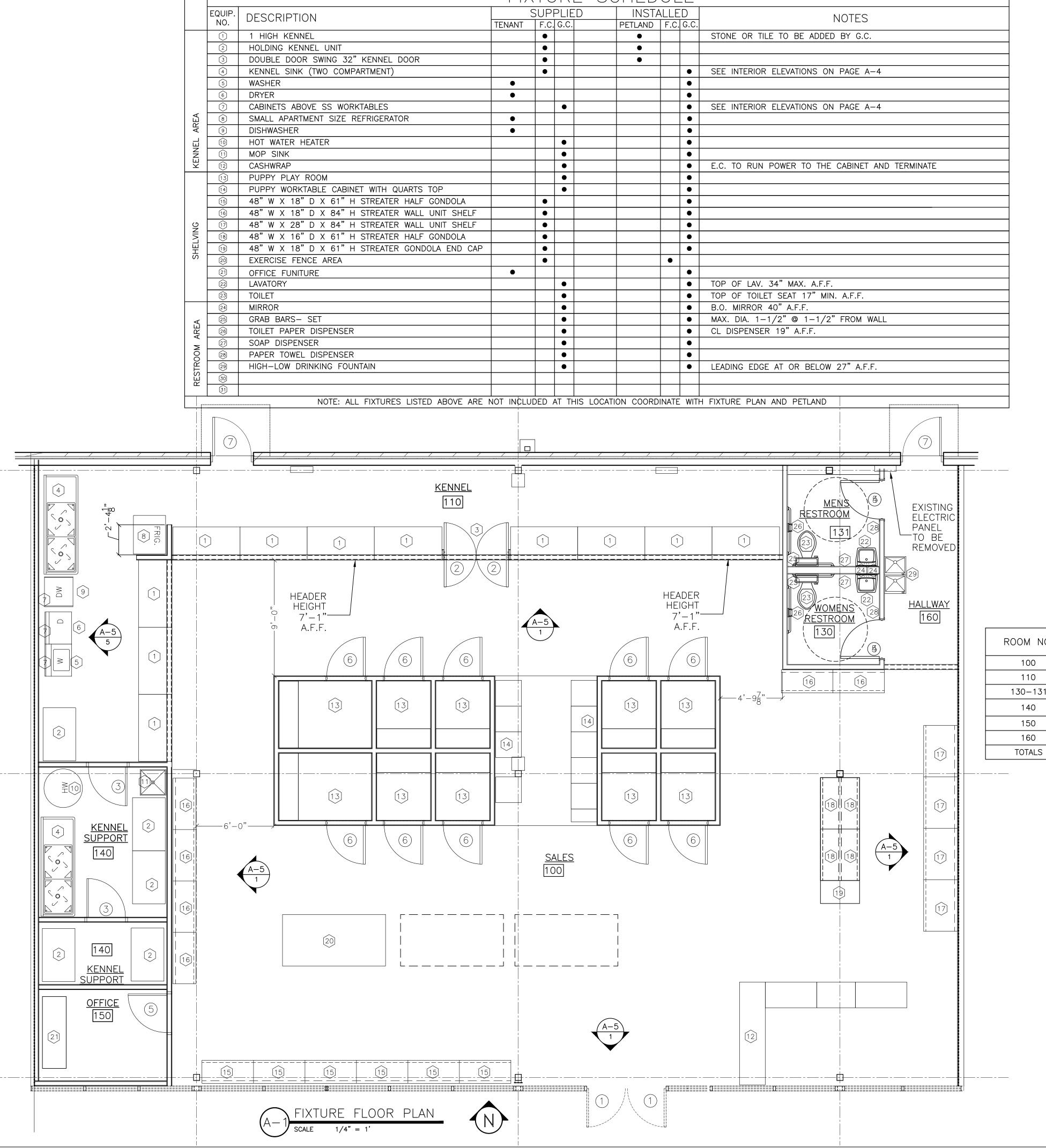
ROBERT G GLUECK MISSOURI LICENSE NUMBER: A - 4773

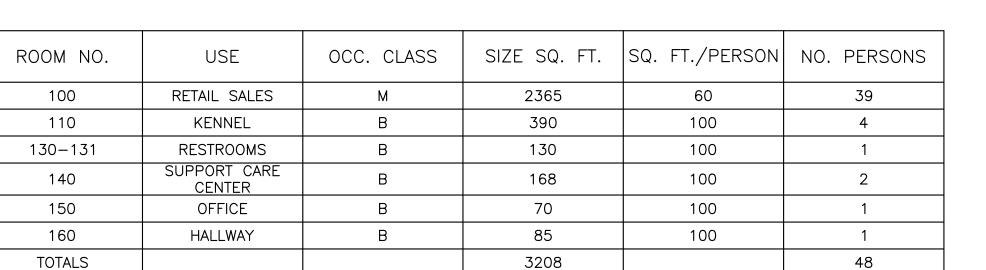
THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AT JOB SITE.

> Specifications and Plans PETI

ISSUED FOR DATE DRAWN BY: STAFF CHECKED BY: STAFF DATE: 1/08/2020 PROJECT | SHEET NO.

DRAWING HISTORY:







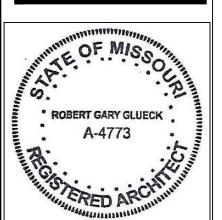
Architecture

Planning

3797 Loop Road Nashville, NC 27856

Phone: 252-459-5900

Email: Plans4u2@yahoo.com



ROBERT G GLUECK MISSOURI LICENSE NUMBER: A-4773

CRIMINAL AND CIVIL PENALTIES AND DAMAGES. AND NOT TO BE USED, COPIED, OR DUPLICATED THESE DRAWINGS AND SPECIFICATIONS ARE OWNED WITHOUT PRIOR WRITTEN CONSENT. ANY UNAUTHORIZED USE OR DISCLOSURE OF THE PROPRIETARY INFORMATION CONTAINED HEREIN MAY SUBJECT SUCH PERSONS TO:

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

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

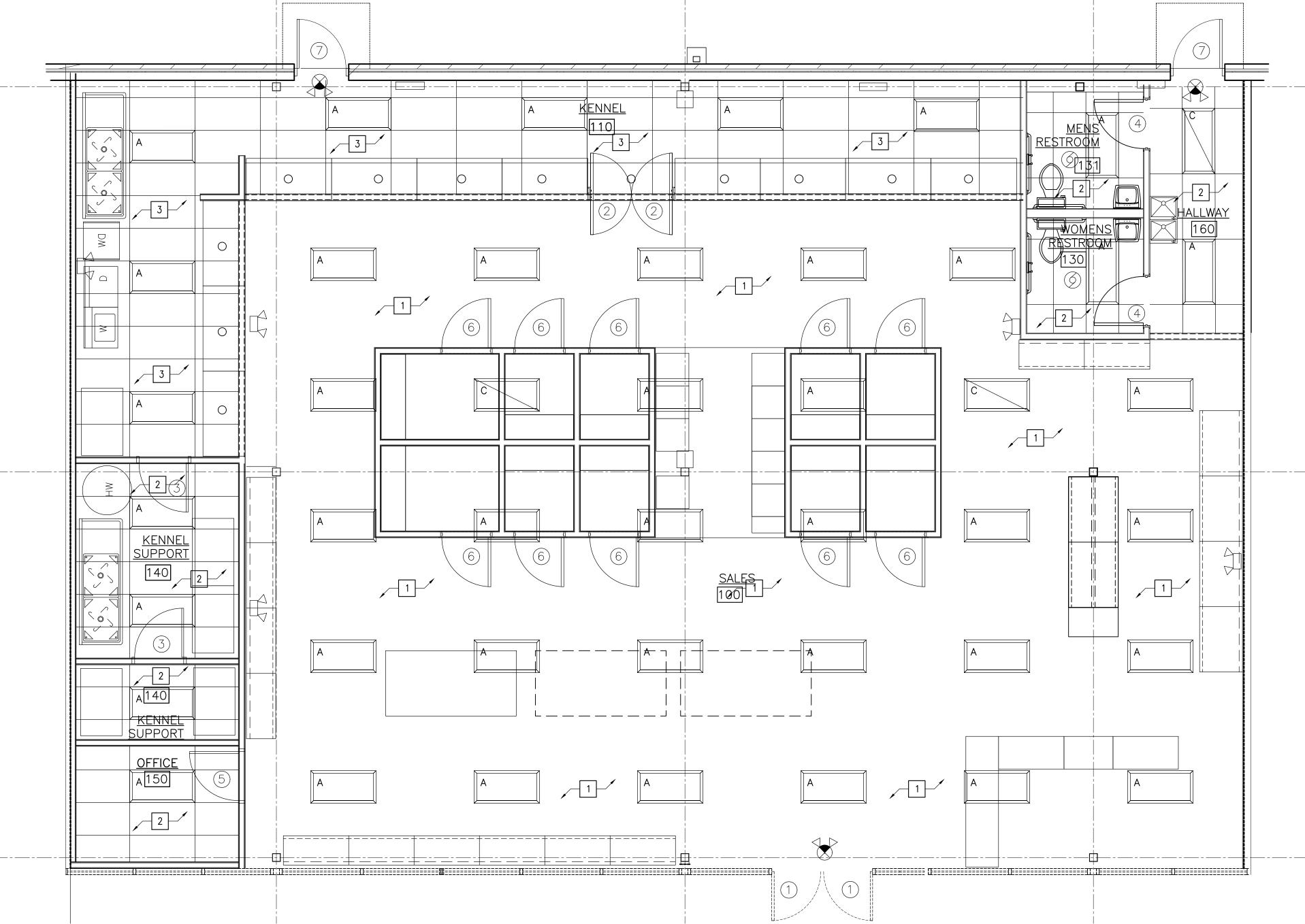
Plans and Specifications for PETLAND LEE'S SUMMIT 460 NW CHIPMAN RD

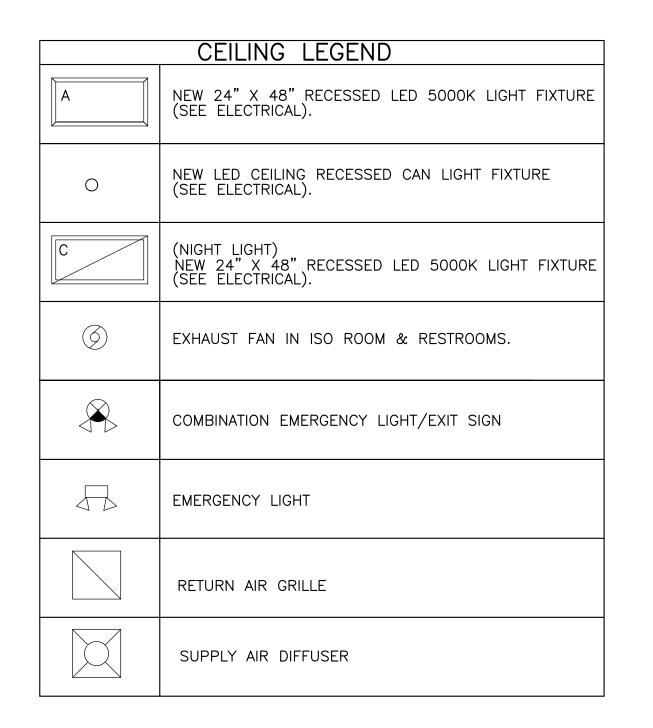
ı	DRAWING HIS	TORY:
	ISSUED FOR	DATE
ı		
ı		
ı		
ı		
ı		
ı		
	DRAWN BY: STAFF	
	CHECKED BY: STA	.FF
1	DATE: 1/08/	 ′2020
	PROJECT SH	IFFT NO

3658

A-1

	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	





	DAINT COLORS (CUI		HEDULE TVCT FLOOP/BASE
P-1	PAINT COLORS (SHE BURNT ORANGE INTERIOR PROMAR 200 ZERO VOC EG-SHEL CUSTOM MANUAL MATCH CCE*COLORANT W1-WHITE R2-MAROON Y1-YELLOW	ARCHITECTURAL ACRYLIC LATEX STANDALONE OZ 32 64 128 - 26 2 43 27	V.C.T. FLOOR/BASE 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-2	ONE GALLON B20T02654 BALANCED BEIGE SW7037	ULTRADEEP 650186950	CEILING REGULAR EDGE CEILING TILE GRID - 15/16" EXPOSED TEE SYSTEM, WHITE
P-3	HGSW2486 TEAL PEIXES INTERIOR PROMAR 200 ZERO VOC EG-SHEL	ARCHITECTURAL ACRYLIC LATEX STANDALONE	TEL OTOTEN, WITTE
	CUSTOM MANUAL MATCH CCE*COLORANT W1-WHITE G2-NEW GREEN L1-BLUE Y1-YELLOW ONE GALLON B20T0654	OZ 32 64 128 2 38 2 8 1 - 2 8 - 9 1 - ULTRADEEP	FIBERGLASS REINFORCED PANEL LASCO BOARD OR EQUAL COMMERICAL GRADE .090 FLEX FLAT
P-5	PURE WHITE INTERIOR PROMAR 200 EG-SHEL	B20T0654 650186950 PURE WHITE INTERIOR PROFESSIONAL PROMAR 200 LATEX	FRP-1 #488 WHITE ENH PEB/SM, M/ WHITE TOP CAP & CRNR MLDG. (12' SHEETS MAY REQUIRE LEAD TIME FIXTURES STREATER #KM DECOR WHITE
	SHER-COLOR FORMULA BAC COLORANT R3-MAGENTA Y1-YELLOW ONE GALLON B20W02251	OZ 32 64 128 1 1 EXTRA WHITE 640354114P-6	VALANCE — BROWN HDPE END PANELS — BROWN HDPE
P-7	(1) PRIME COAT SHERWII "DTM" ACRYLIC PRIMER/F	N WILLIAMS	
P-8	(2) FINISH COATS — WAT ACRYLIC SHERWIN WILLIAN DRY—FALLWHITE (B42W1	MS	
	-WILLIAMS OF CHILLICOTHE T# 6577-1181-8 FOR PAI (740)-774-47 FAX (740)-773-05	NT COLORS 50	



Planning

Architecture

3797 Loop Road Nashville, NC 27856

Phone: 252-459-5900 Email: Plans4u2@yahoo.com

ROBERT GARY GLUECK
A-4773

REPLACE OF MISSOURIES

ROBERT GARY GLUECK

A-4773

ROBERT G GLUECK MISSOURI LICENSE NUMBER: A-4773

CRIMINAL AND CIVIL PENALTIES AND DAMAGES. AND NOT TO BE USED, COPIED, OR DUPLICATED THESE DRAWINGS AND SPECIFICATIONS ARE OWNED WITHOUT PRIOR WRITTEN CONSENT. ANY UNAUTHORIZED USE OR DISCLOSURE OF THE PROPRIETARY INFORMATION CONTAINED HEREIN MAY SUBJECT SUCH PERSONS TO:

PETLAND INC
CHILLICOTHE DH 45601
TEL. 740-775-2464

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

Plans and Specifications for PETLAND LEE'S SUMMIT 460 NW CHIPMAN RD
LEES SUMMIT MO 64063

DRAWING HISTORY:

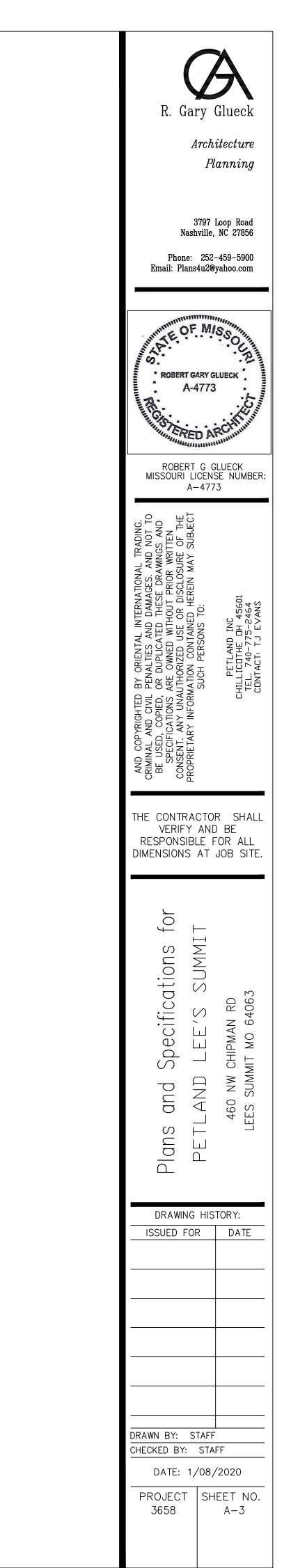
ISSUED FOR DATE

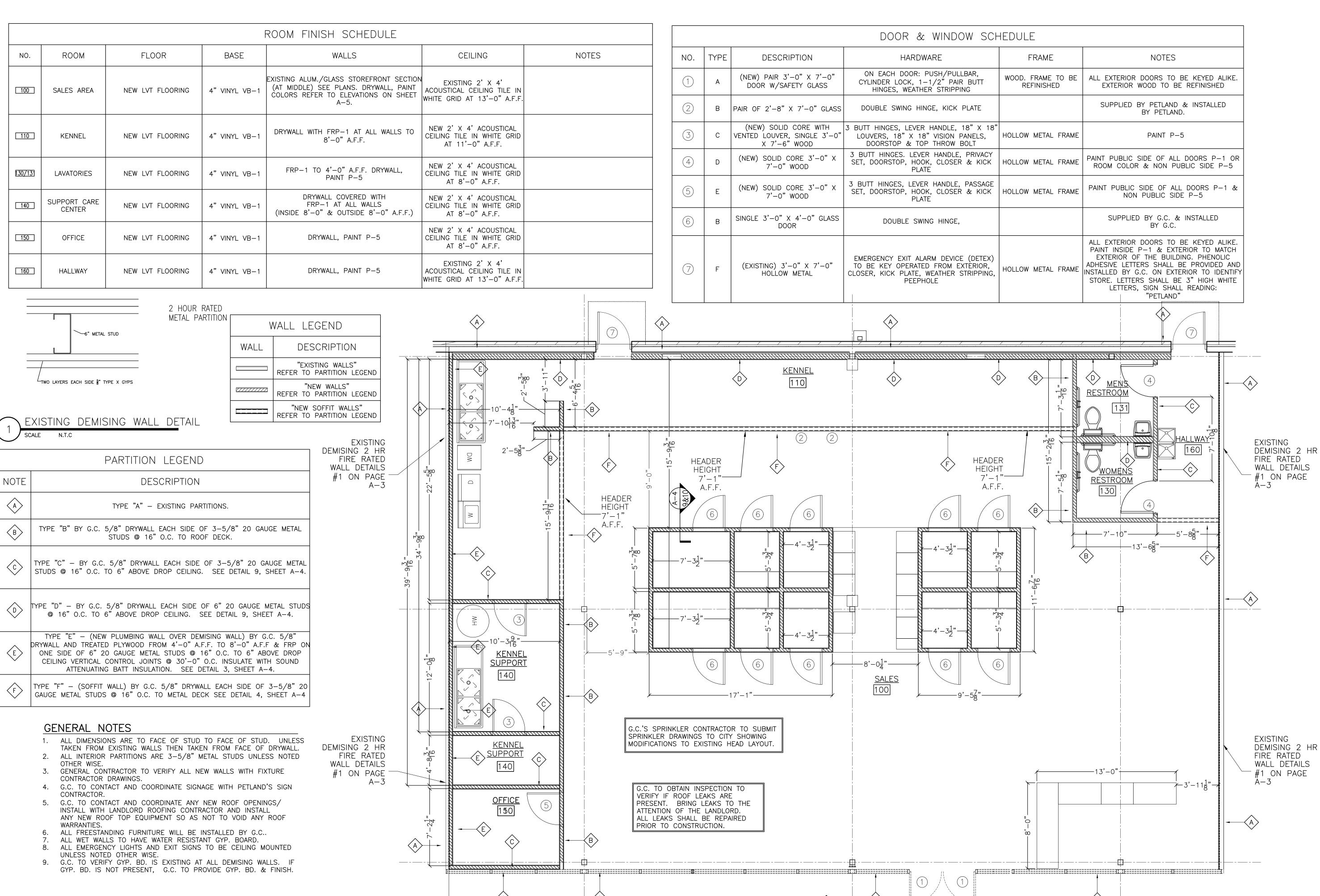
DRAWN BY: STAFF

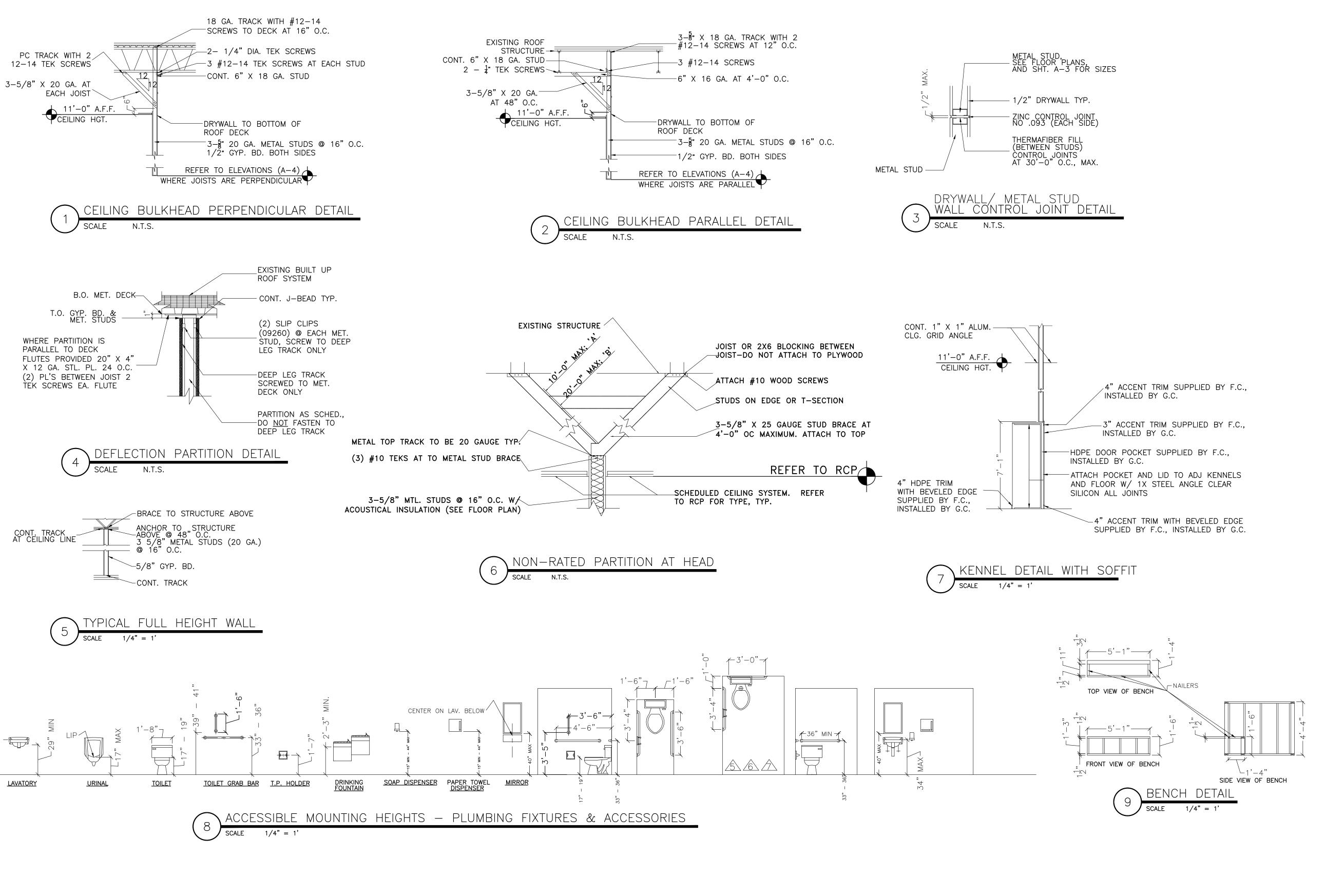
CHECKED BY: STAFF

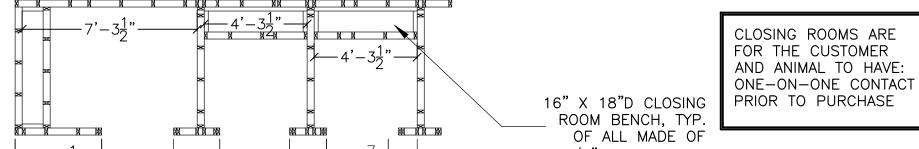
DATE: 1/08/2020

PROJECT SHEET NO. 3658









3/4" LAM. PANELS

 $\begin{array}{c} \begin{array}{c} \begin{array}{c} -1'-11'' \\ \end{array} \\ \begin{array}{c} -1'-6\frac{3}{8}'' \end{array} & \begin{array}{c} -1'-2\frac{1}{2}'' \\ \end{array} \\ \begin{array}{c} 10 \end{array} \\ \end{array}$

 $-3'-7\frac{1}{4}"$

CLOSING ROOM FRAMING NOTES

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

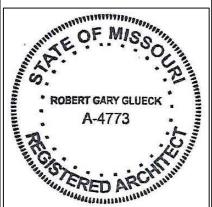
R. Gary Glueck

Architecture
Planning

3797 Loop Road Nashville, NC 27856

Phone: 252-459-5900

Email: Plans4u2@yahoo.com



ROBERT G GLUECK MISSOURI LICENSE NUMBER: A-4773

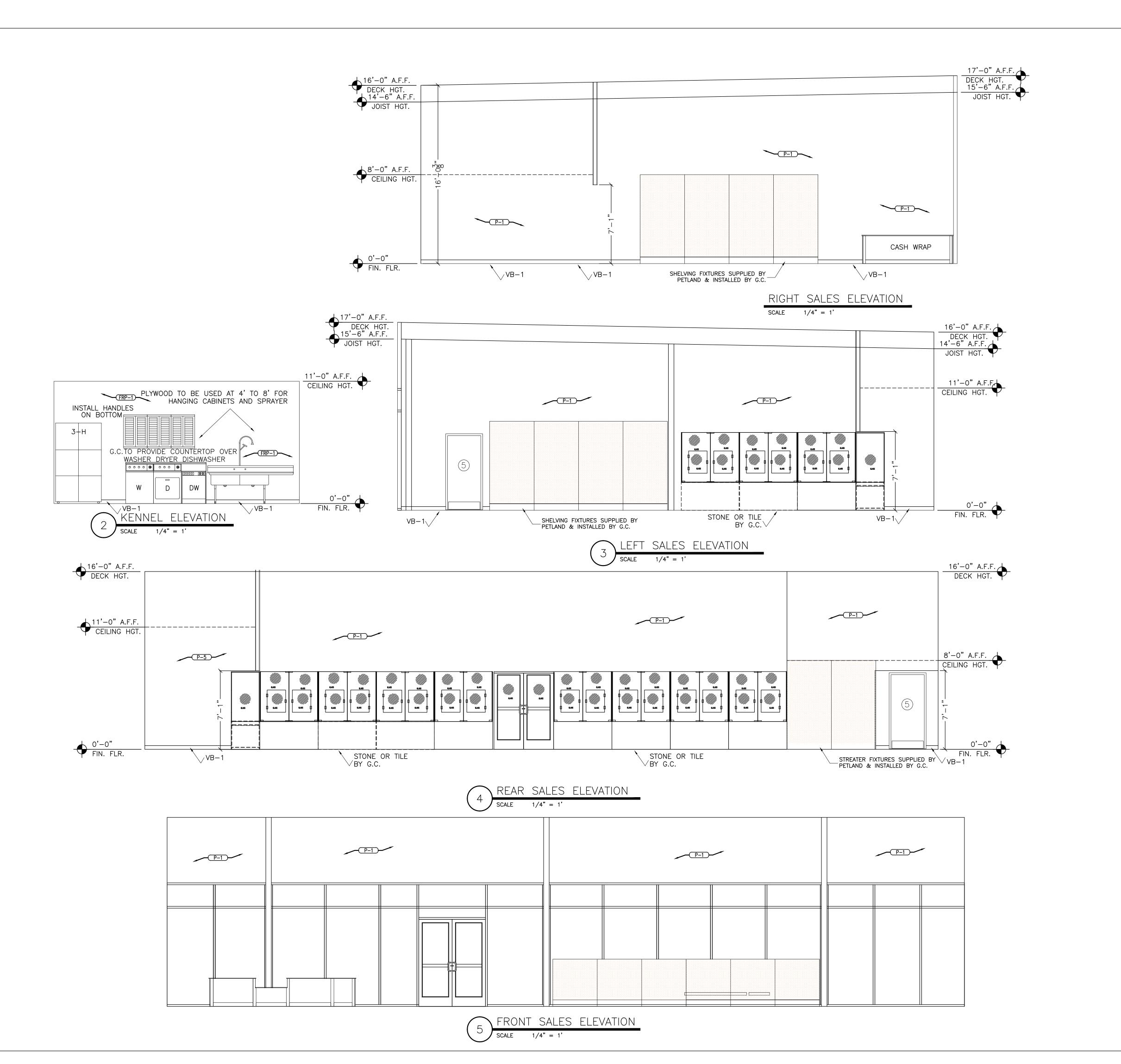
AND COPYRIGHTED BY ORIENTAL INTERNATIONAL TRADING.
CRIMINAL AND CIVIL PENALTIES AND DAMAGES. AND NOT TO BE USED, COPIED, OR DUPLICATED THESE DRAWINGS AND SPECIFICATIONS ARE OWNED WITHOUT PRIOR WRITTEN CONSENT. ANY UNAUTHORIZED USE OR DISCLOSURE OF THE ROPRIETARY INFORMATION CONTAINED HEREIN MAY SUBJECT SUCH PERSONS TO:

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

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

Plans and Specifications fo PETLAND LEE'S SUMMIT 460 NW CHIPMAN RD LEES SUMMIT MO 64063

DRAWING	DRAWING HISTORY:							
ISSUED FOR	?	DATE						
-								
DRAWN BY: S	ΓAFF							
CHECKED BY:	STA	FF						
DATE: 1/	′08/	′2020						
PROJECT	SH	EET NO.						
3658		A-4						



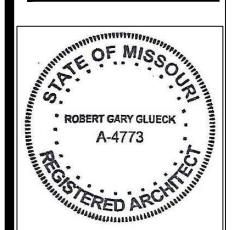
R. Gary Glueck

Architecture

3797 Loop Road Nashville, NC 27856

Planning

Phone: 252-459-5900 Email: Plans4u2@yahoo.com



ROBERT G GLUECK MISSOURI LICENSE NUMBER: A-4773

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

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

for SUMMI Specifications 460 NW CHIPMAN RD LEES SUMMIT MO 64063 AND and Plans

DRAWING HISTORY: ISSUED FOR DATE DRAWN BY: STAFF CHECKED BY: STAFF DATE: 1/08/2020

PROJECT SHEET NO.

AIR BALANCE: -CFM									
CFM SUPPLY AIR -	<u>RTU-1</u> 2,000	<u>RTU-2</u> 2,000	<u>RTU-3</u> 2,000	<u>TOTALS</u> 6,000					
CFM OUTSIDE AIR -	400	400	400	1,200					
CFM RETURN AIR —	1,600	1,600	1,600	4,800					
CFM EXHAUST AIR -	2,060	N/A	N/A	2,060					

M.C. SHALL VERIFY EXACT LOCATION FOR THERMOSTATS WITH OWNER PRIOR TO INSTALLATION.

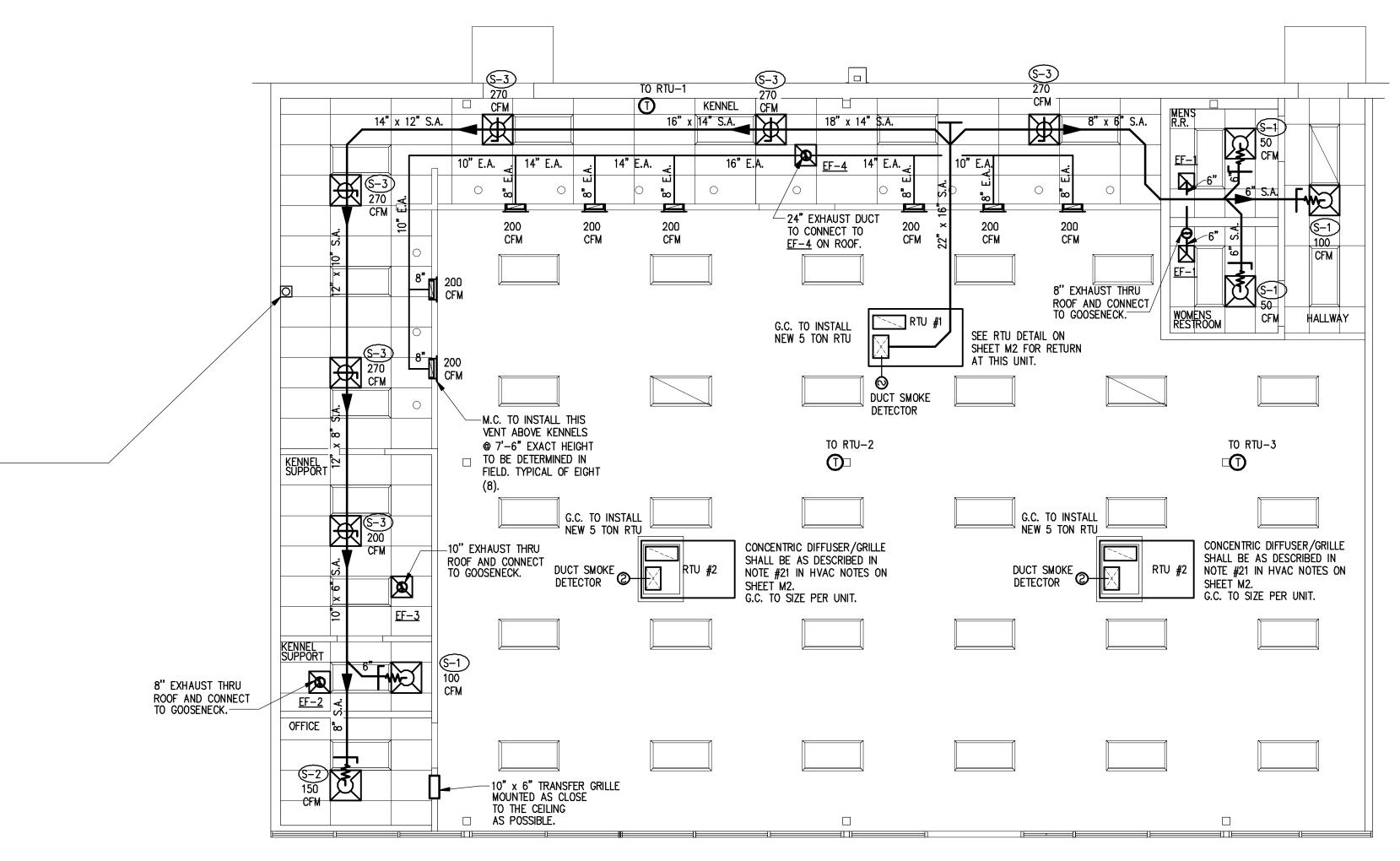


DRYER VENTING: M.C. SHALL BE RESPONSIBLE FOR RUNNING ALL DUCTWORK FOR THE DRYER EXHAUST SYSTEM. ALL CONCEALED DRYER DUCTING MUST BE RIGID METAL ALUMINUM MINIMUM OF 4" IN DIAMETER, SMOOTH 30 GA. CLEAN, UNOBSTRUCTED, FRICTIONLESS DUCTS (NO FLEXIBLE DUCT ALLOWED IN CONCEALED AREAS). SEAL ALL JOINTS WITH FOIL BACKED PRESSURE SENSITIVE DUCT TAPE MEETING THE REQUIREMENTS OF UL 181. DUCT JOINTS SHALL BE INSTALLED SO THAT THE MALE END OF THE DUCT POINTS IN THE DIRECTION OF THE AIRFLOW. DO NOT USE RIVETS OR SCREWS IN JOINTS OR ANYWHERE ELSE IN THE DUCT AS THIS WILL ENCOURAGE LINT COLLECTION.

DRYER BOX RECEPTACLE SHALL BE METAL AND BE INSTALLED AS LOW AS POSSIBLE AS TO PERMIT THE PROPER AND SAFE COLLECTION OF THE DRYER TRANSITION HOSE. DRYER BOX SHOULD BE RESTING ON THE BOTTOM PLATE AND BE LOCATED AT OR NEAR THE CENTERLINE OF THE PROPOSED DRYER APPLIANCE. RIGID DUCT SHOULD PENETRATE DRYER BOX PORT 2" TO PROVIDE FOR FUTURE CONNECTION AND STORAGE OF TRANSITION HOSE. BASEBOARD SHALL BE "BUTTED" UP TO THE FIXED EXTENSION RIM AND SLIGHTLY BACK CUT. DRYER BOX SHOULD BE CAULKED AND THEN PAINTED WITH THE TRIM PAINT. FOR USAGE IN A ONE HOUR WALL ASSEMBLY, UL REQUIRES THAT BATT INSULATION BE STUFFED AROUND THE DRYER BOX AND IN THE ENTIRE

WALL CAVITY CELL.
LENGTH OF CONCEALED RIGID METAL DUCTING SHALL NOT EXCEED 25'-0". DEDUCT 5'-0" FROM THE ALLOWABLE LENGTH FOR EVERY 3.5" RADIUS 90 DEGREE ELBOW AND 2'-6" FOR EVERY 45 DEGREE FITTING. DRYER VENTING SHALL BE INDEPENDENT OF ANY OTHER SYSTEMS. TERMINATION OF DRYER VENTING MUST BE TO THE EXTERIOR WITH A PROPER HOOD OR ROOF JACK EQUIPPED WITH A BACK DRAFT DAMPER. SMALL ORIFICE METAL SCREENING SHALL NOT BE INSTALLED TO PREVENT ACCUMULATION OF LINT AND BLOCKAGES. THE HOOD OPENING SHOULD POINT DOWN AND EXHIBIT 12" OF CLEARANCE BETWEEN THE BOTTOM OF THE HOOD AND THE GROUND OR OTHER OBSTRUCTION. ROUTE DUCTING TO ROOF VIA A BOOSTER FAN. INSTALL BOOSTER FAN PER MANUFACTURERS REQUIREMENTS.

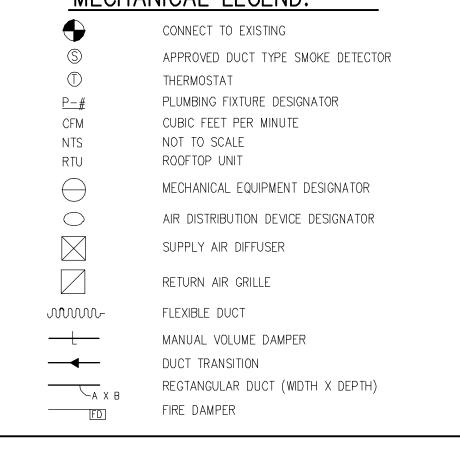
SEE DETAIL THIS SHEET FOR ROUTING CLARIFICATION.

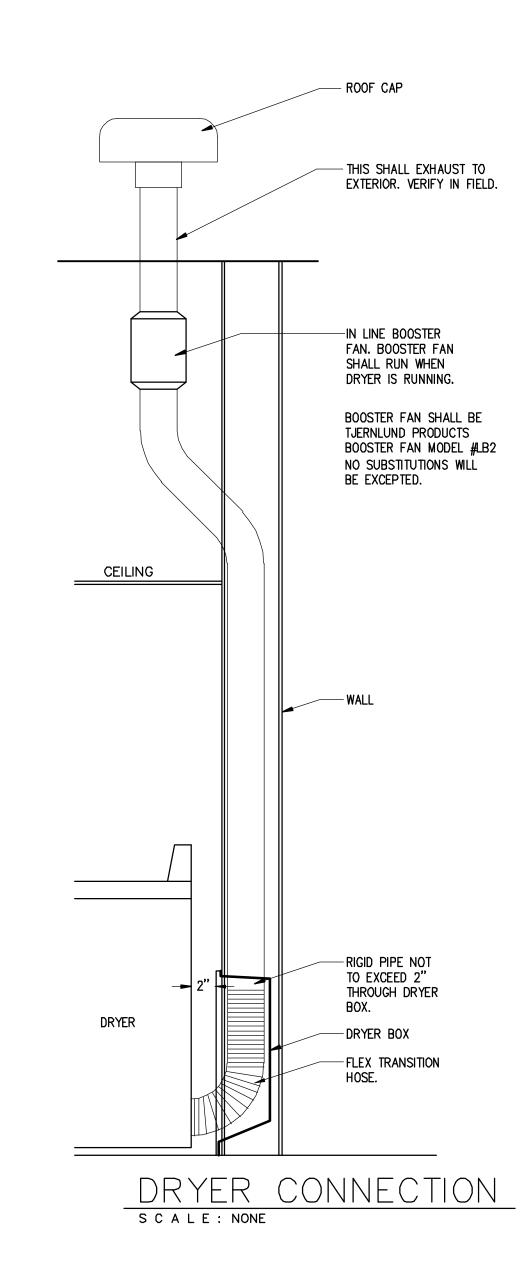


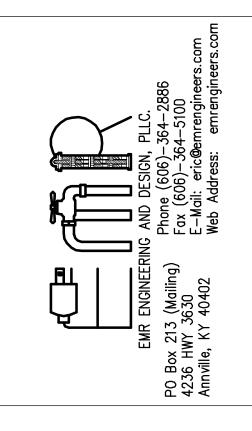
1 HVAC PLAN

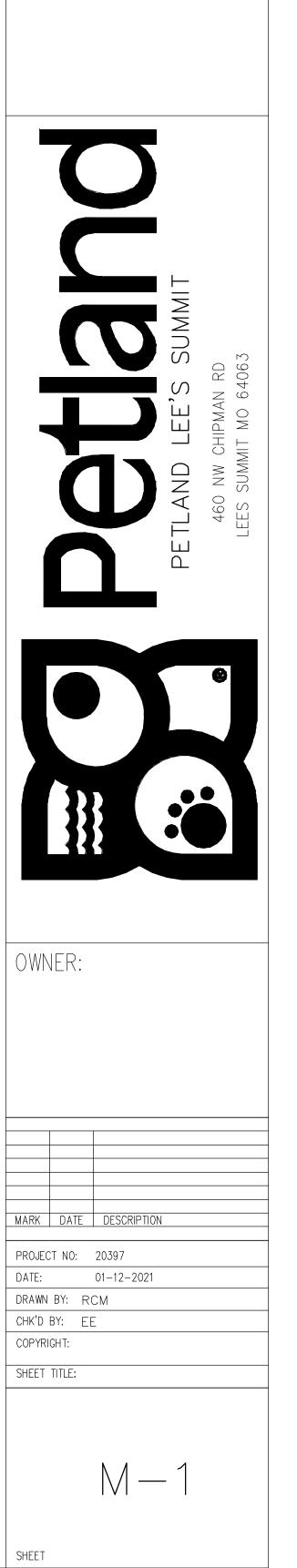
S C A L E: 3/16" = 1'-0"

MECHANICAL LEGEND:









HVAC GENERAL NOTES:

APPLICABLE CODES.

- 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
- 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" MATT 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.
- 1 1. 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 SUPPLY 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.

PACKAGE ROOFTOP UNIT SCHEDULE (gas heat/elec. cool)												
MARK	MFG/MODEL	TONS	CFM	OUTSIDE AIR CFM	EER	ENTERING AIR CONDITIONS	COOLING CAPA	CITY (MBH) SENSIBLE	HEATING CAF	PACITY (BTU) OUTPUT	ELECTRICAL VOLT / PH / HZ	REMARKS
RTU 1, 2 & 3	CARRIER 48HCDA06B2M5-DF1F0	5	2000	400	1 (/)	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:

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.

SUBSTITUTIONS WILL BE ALLOWED FOR THESE UNITS. SPEC SHEETS MUST BE SUBMITTED FOR APPROVAL.

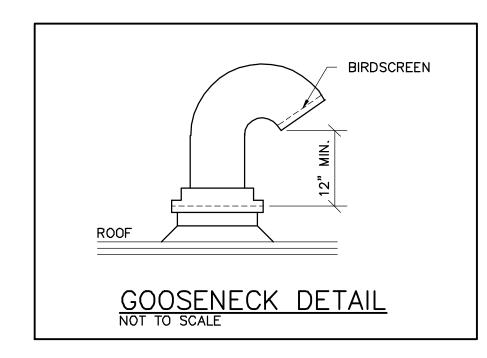
EXHAUST FAN SCHEDULE									
MARK	AREA SERVED	MANUFACTURER	MODEL	CFM	E.S.P. ("W.C.)	MOTO WATTS	OR V/PH	BAROMETRIC DAMPER	ACCESSORIES
EF-1	RESTROOM	GREENHECK	SP-A90	80	1/4"	30	120/1	YES	GRAVITY DAMPER
EF-2	KENNEL SUPPORT	GREENHECK	SP-A190	150	1/4"	113	120/1	YES	1,2,3,4,5,6,7,8,9
EF-3	KENNEL SUPPORT	GREENHECK	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

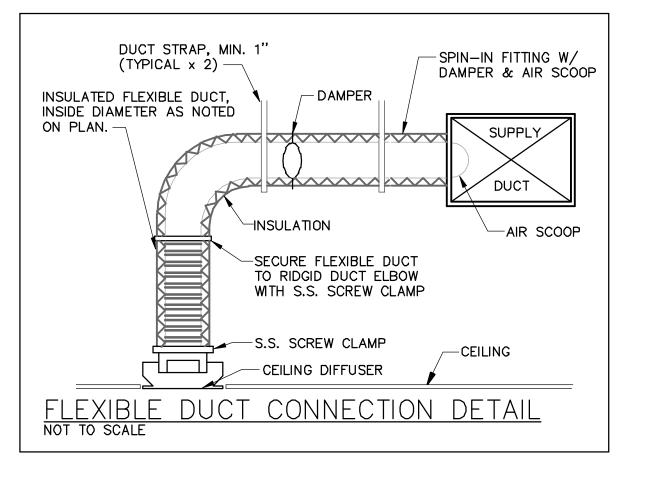
ACCESSORIES

- 1 DISCONNECT 4 - RAIN CAP 2 - ROOF MOUNTED
- 5 GRAVITY BACK PRESSURE DAMPER 6 - CONSTANT ON FAN 3 - ROOF CURB
 - 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	& DIF	FUSER S	SCHED	ULE	
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" × 24"	100/175	8"	4-WAY	LAY-IN	SUPPLY
S-3	PAINTED STEEL	24" × 24"	175/275	10"	4-WAY	LAY-IN	SUPPLY





NO BIRD SCREEN ON DUCT FROM CONCENTRIC PACKAGE.

RETURN DUCT DETAIL FOR OPEN RETURN

ECONOMIZER

OPEN AIR RETURN WITH NO GRILLE

SPRINKLER NOTE:

ANY CHANGE TO THE EXISTING SPRINKLER SHALL

BE DONE BY A LANDLORD APPROVED SPRINKLER

DESIGN WILL BE SUBMITTED UNDER SEPARATE

CONTRACTOR, AT TENANTS EXPENSE. ALL SPRINKLER

SUBMITTAL BY A LICENSED SPRINKLER CONTRACTOR

WHICH WILL SUBMIT SHOP DRAWINGS FOR APPROVAL.

G.C. SHALL THE PLANS AND SUBMIT FOR PERMITTING.

MAINTAIN 10'-0"

CLEARANCE FROM

ANY EXHAUST OR

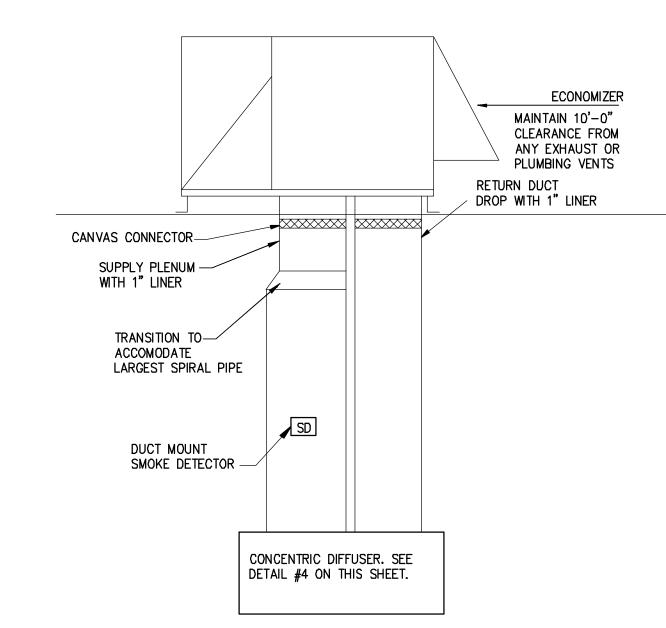
PLUMBING VENTS

RETURN DUCT

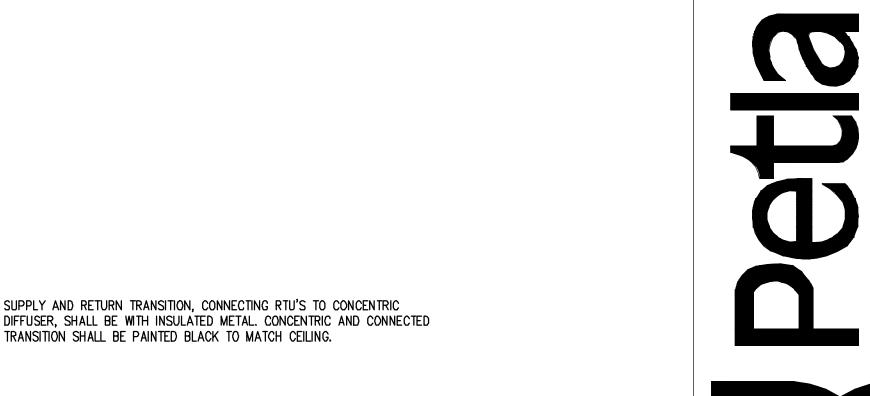
DROP WITH 1" LINER

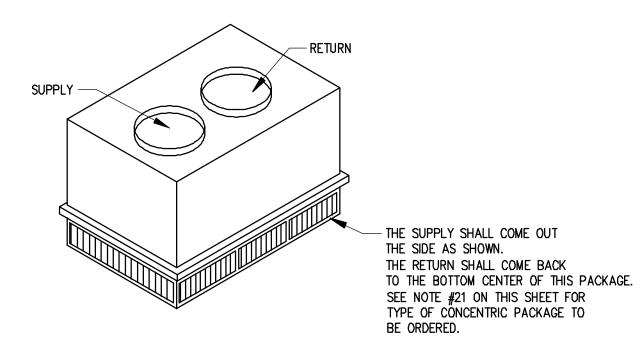
- ALL HVAC SUPPLY TO BE 1'-0" ABOVE LIGHTING

FIXTURES SEE ELECTRICAL SHEETS



DUCT FROM CONCENTRIC PACKAGE DETAIL SCALE: NTS





CONCENTRIC PACKAGE DETAIL

ROOF WORK AND REFLASHING FOR HVAC EQUIPMENT,

TENANT'S CONTRACTOR SHALL CONTACT LANDLORD

ADDITIONAL EXPENSE TO THE TENANT.

PLUMBING VENTS, PENETRATIONS, ETC., SHALL BE PROVIDED BY A LANDLORD APPROVED ROOFING CONTRACTOR ONLY.

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

S C A L E : NTS

NOTES:

FOR PIPING FOUR INCH OR LESS BARE COPPER PIPE FOR PIPING BARE COPPER PIPE
DO NOT HANG PIPE PROVIDE GALVANIZED STEEL SADDLE FOR ALL LARGER THAN 3" FROM INSULATED PIPE LARGER THAN 3/4". VERIFY BOTTOM OF JOISTS 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. TRAPEZE 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

CANVAS CONNECTOR—

SUPPLY PLENUM -WITH 1" LINER

TRANSITION TO ACCOMODATE LARGEST SPIRAL PIPE

> DUCT MOUNT SMOKE DETEDTOR

ALL-THREAD ROD.

LENGTH AS REQ'D

FOR PIPE SLOPE

PROVIDE COPPER OR NON-METALLIC

COATING WHERE

HANGERS CONTACT

S C A L E : N.T.S.

STEEL DECK

TOP BEAM

C-CLAMP

IF STEEL

BAR JOIST

ADJUSTABLE

BAND HANGER

PIPE HANGER S C A L E: N.T.S.

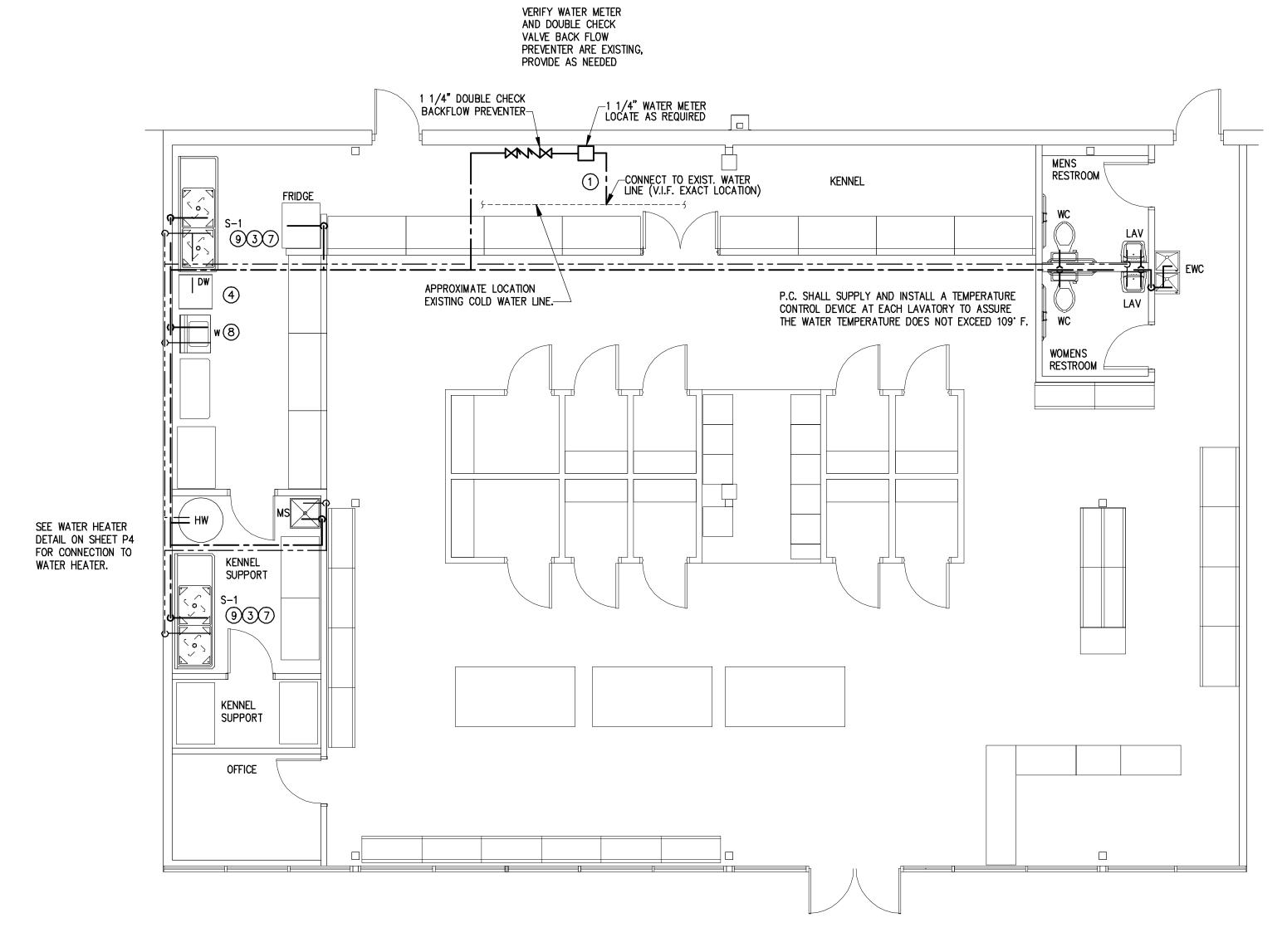
ACCEPTABLE. REFER TO CODES AND SPECS FOR FURTHER INFORMATION.

MARK DATE DESCRIPTION PROJECT NO: 20397 01-12-2021 DRAWN BY: RCM CHK'D BY: EE COPYRIGHT: SHEET TITLE:

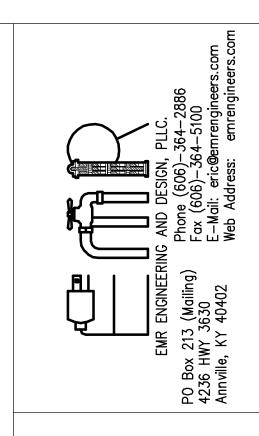
OWNER:

M-2

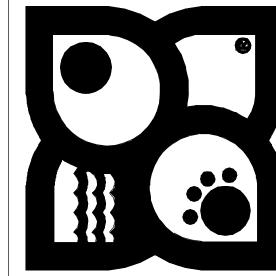
PLUMBING SYMBOL LEGEND _____ - ____CW ____ - ____ COLD WATER (CW) TEMPERED FILTERED WATER _ SHUT-OFF VALVE CHECK VALVE



DOMESTIC WATER PLAN







OWNER:

MARK	DATE	DESCRIPTION					
PROJEC	CT NO:	20397					

DATE: 01-12-2021 DRAWN BY: RCM

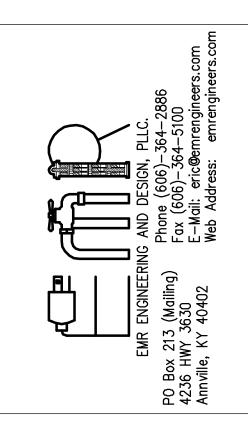
CHK'D BY: EE COPYRIGHT:

SHEET TITLE:

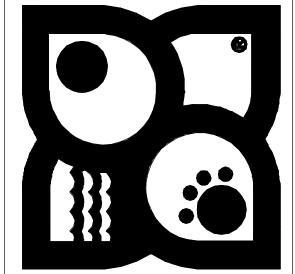
SHEET

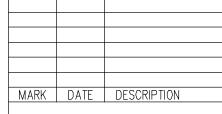
PLUMBING CODED NOTES:

- 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.
- 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.
- 5 PROVIDE 1/4" TURN BALL VALVE 3/4" WITH 3/4" NIPPLE AT 1'-8" A.F.F. FOR EACH CONNECTION
- 6 PEX PIPING MAY BE USED INSTEAD OF COPPER PROVIDED THE LOCAL JURISDICTION WILL APPROVE IT.
- B GUY GRAY WASHING MACHINE SUPPLY AND DRAIN FIXTURE NO. NWBBED200TS, 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.







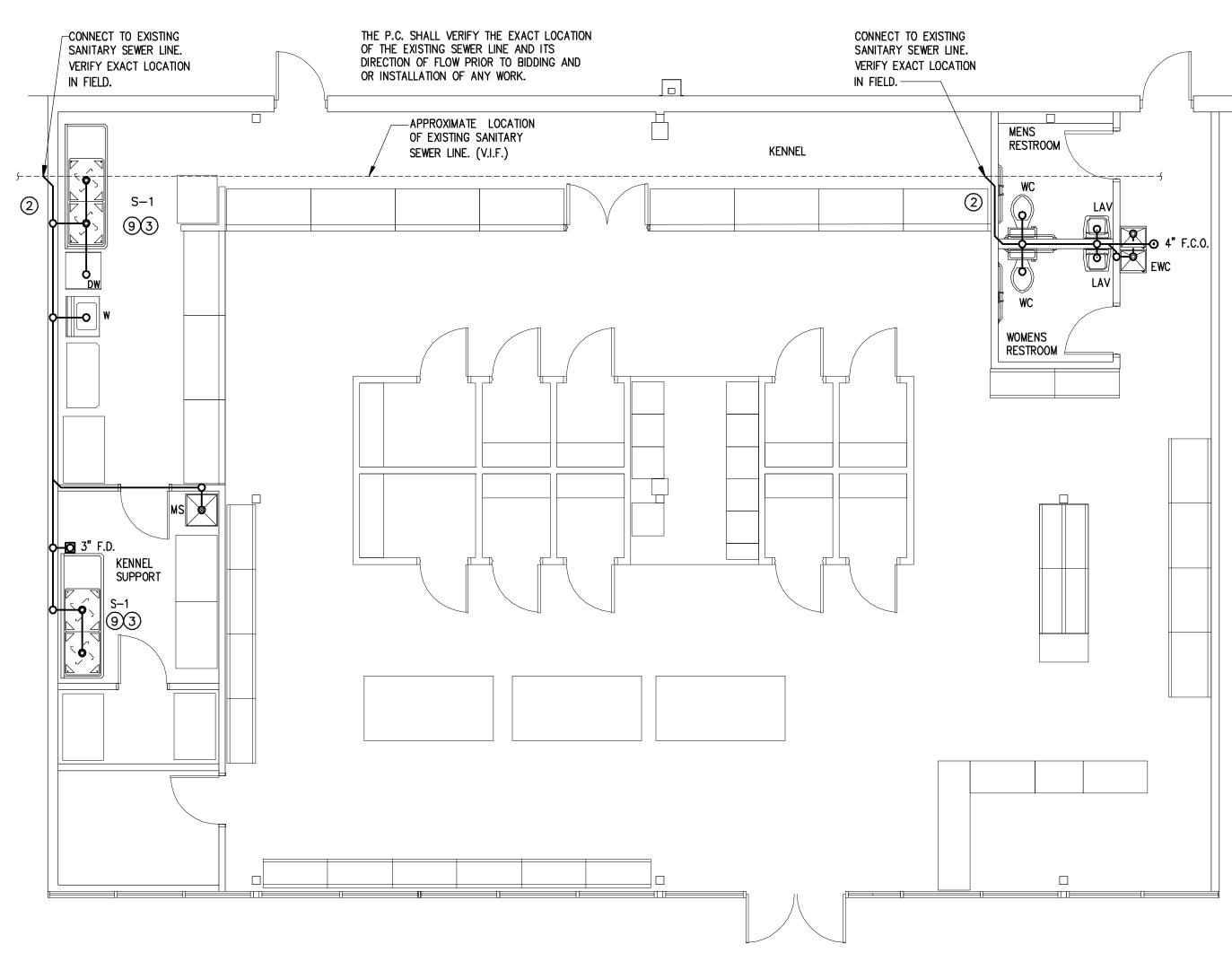


PROJECT NO: 20397 DATE: 01-12-2021 DRAWN BY: RCM

CHK'D BY: EE COPYRIGHT:

SHEET TITLE:

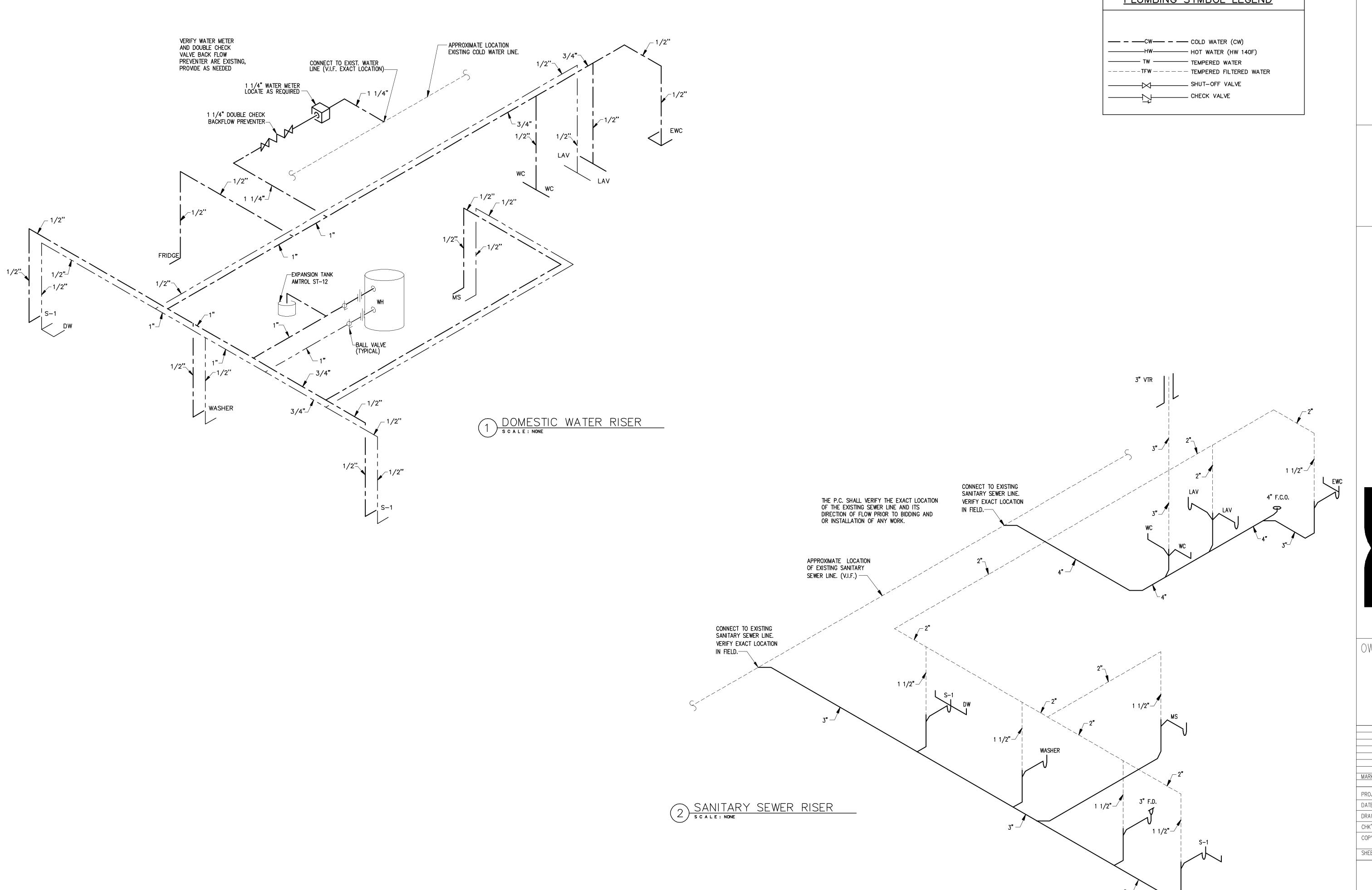
P-2

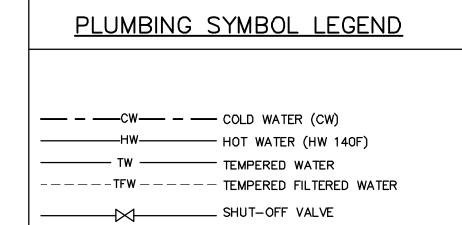


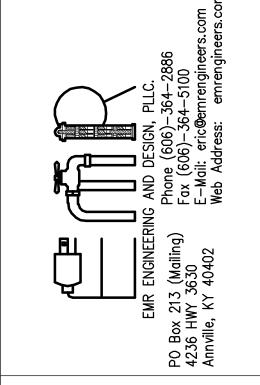
SANITARY SEWER PLAN S C A L E : 3/16" = 1'-0"

PLUMBING CODED NOTES:

- 1 NEW 1 1/4" 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. 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.
- 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. NWBBED200TS, 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.







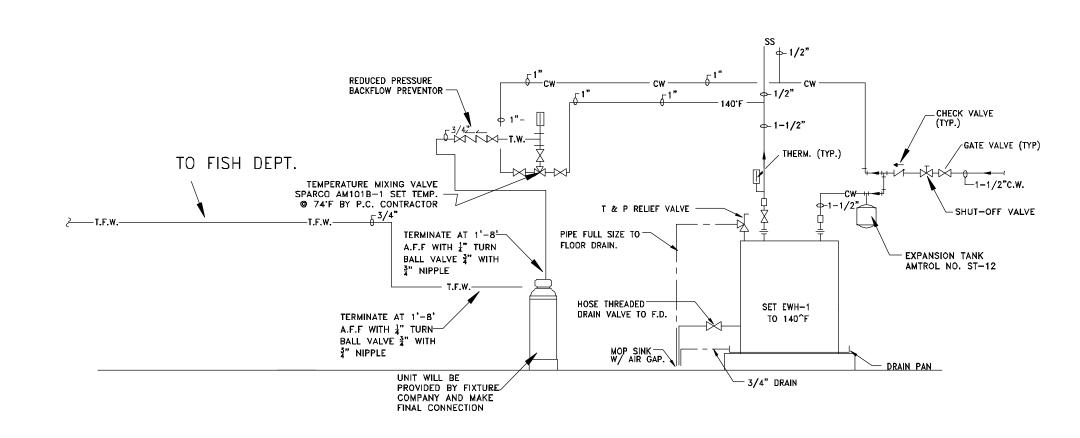


OWNER:

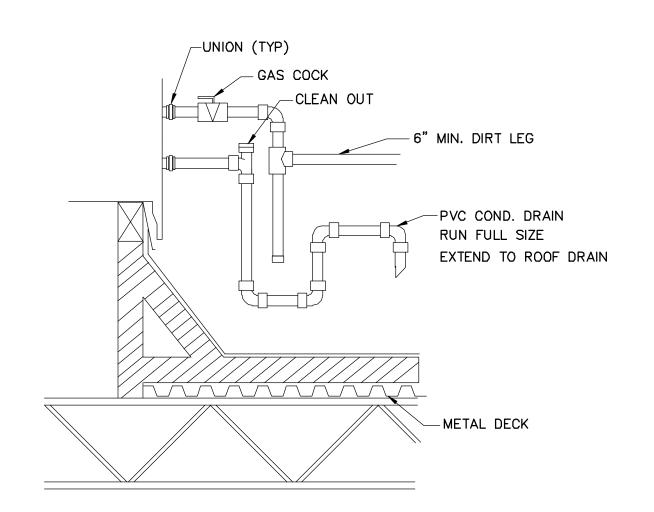
MADIZ	DATE	DECODIDATION	
MARK	DATE	DESCRIPTION	
PROJE(CT NO:	20397	
DATE:		01-12-2021	
DRAWN	BY: R	CM	
CHK'D	BY: E		
COPYRI	GHT:		
SHEET	TITLE:		

P-3

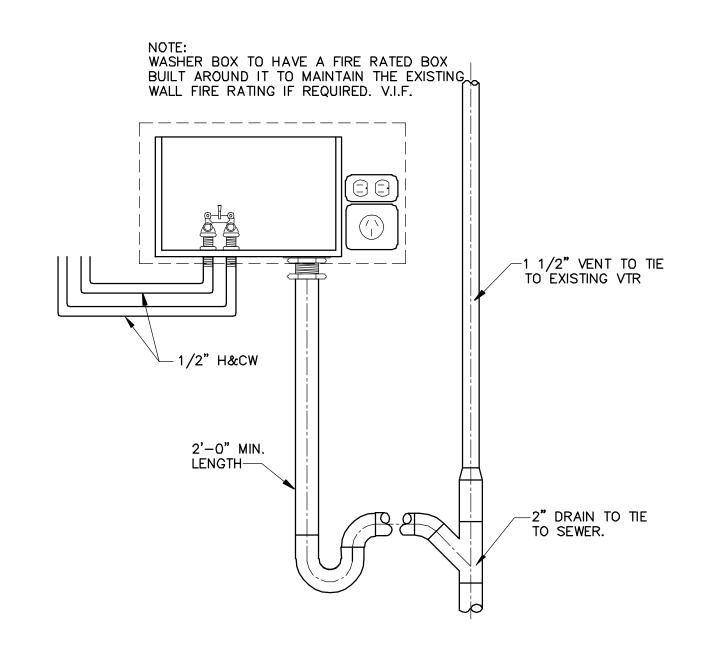
	PLUMBING FIXTURE SCHEDULE									
MARK	FIXTURE	C.W.	H.W.	SAN	VENT					
WC	WATER CLOSET	1/2"		4"	2"	AMERICAN STANDARD CADET NO. 2998.012 FLOOR MOUNTER TANK TYPE SIPHON JET WITH WHITE OPEN FRONT COMMERCIAL GRADE SEAT WITH CHECK HINGE. TANK LEVER SHALL BE ON WIDE SIDE OF TOILET AREA				
LAV	LAVATORY	1/2"	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. AOSMITH, 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				



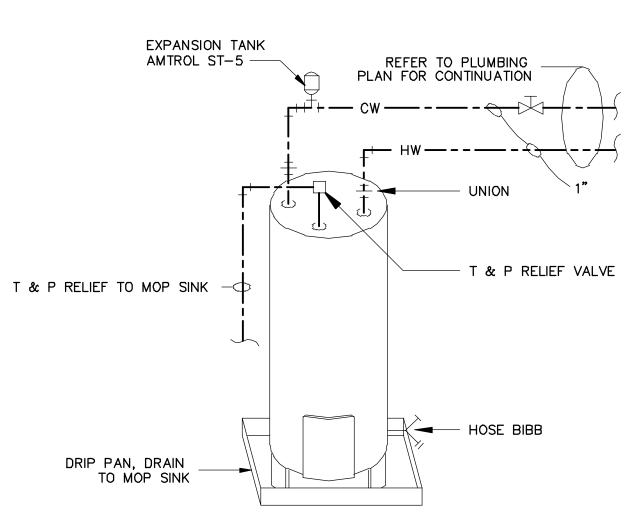
WATER PIPING RISER



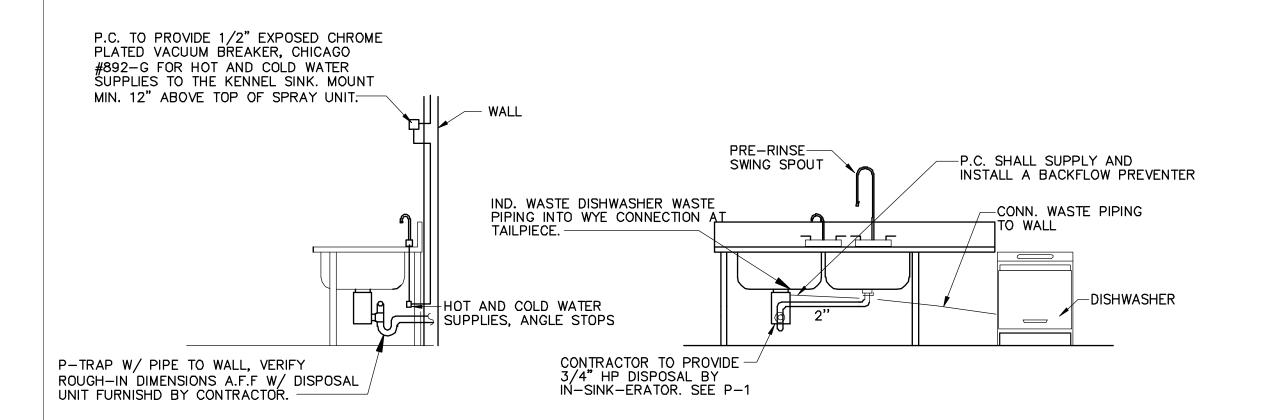
ROOFTOP GAS AND CONDENSATE DETAIL



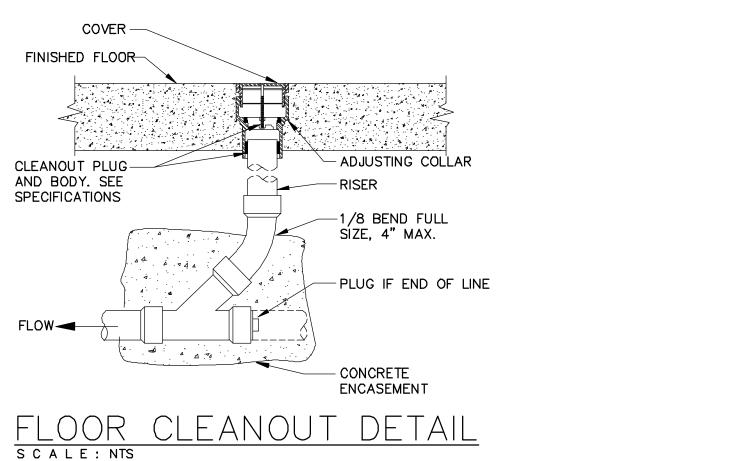
WASHER BOX DETAIL s c a l e : nts

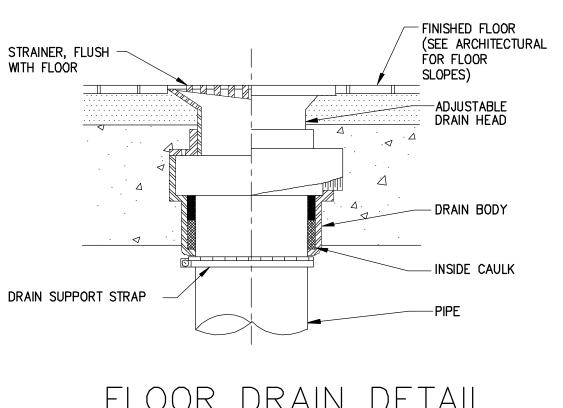


WATER HEATER DETAIL
SCALE: NTS

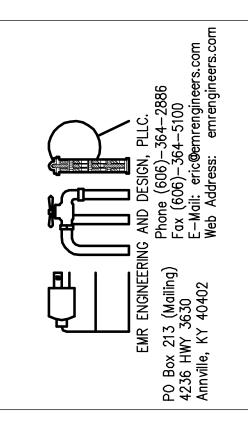


KENNEL SINK/DISPOSAL CONNECTION DETAIL S C A L E : NTS





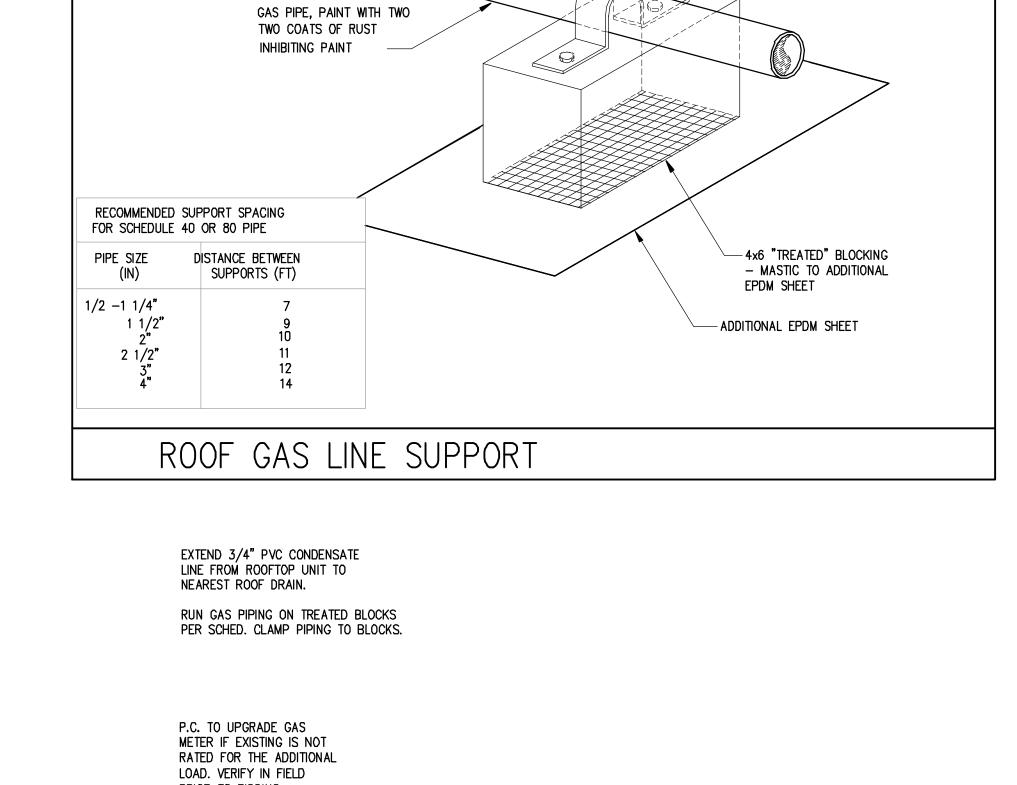
FLOOR DRAIN DETAIL
SCALE:



MARK DATE DESCRIPTION PROJECT NO: 20397 01-12-2021 DRAWN BY: RCM CHK'D BY: EE COPYRIGHT: SHEET TITLE:

OWNER:

P-4

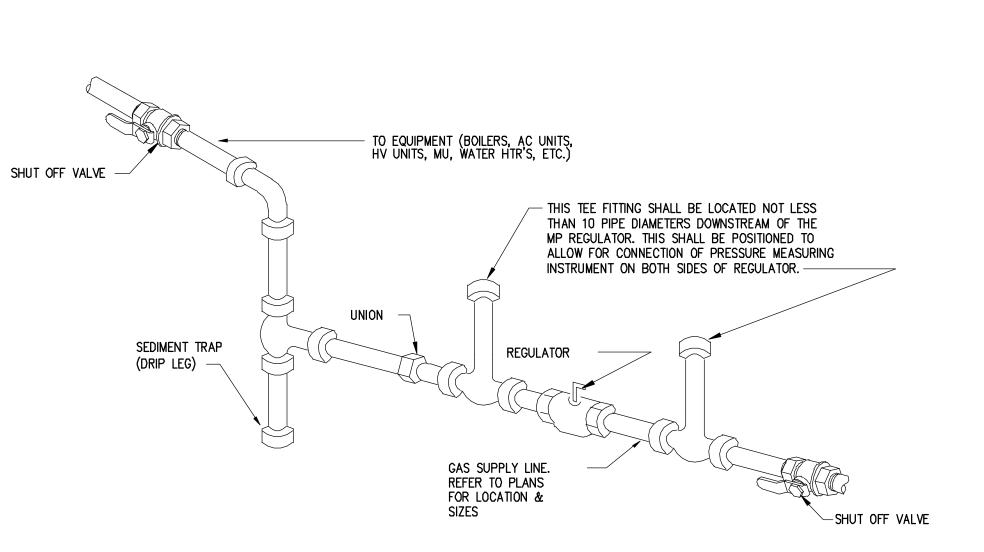


NATURAL GAS PIPE REFER TO GAS SCHEM. ON THIS SHEET

− METAL STRAP WITH 1/4"~ x 2" LAG EACH SIDE, ALLOW FOR

MOVEMENT

FOR CONT.



TYPICAL GAS PIPING CONNECTION DETAIL

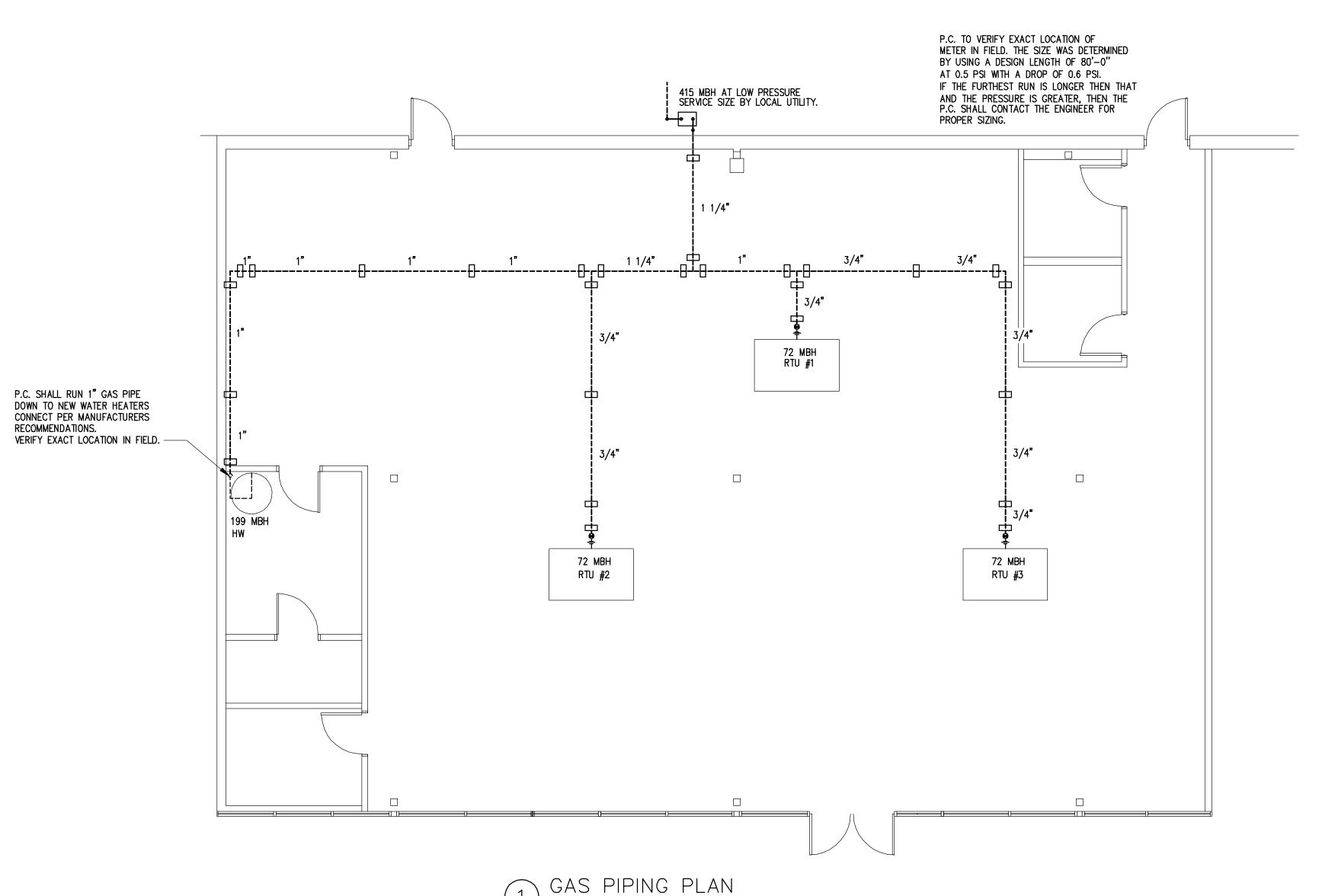
FOR THE INSTALLATION OF PRESSURE REGULATORS

S C A L E : 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.

ALL GAS EQUIPMENT SHALL BE CONNECTED TO MAIN WITH SIZE REQUIRED PER MANUFACTURER

RECOMMENDATIONS.



S C A L E : 3/16" = 1'-0"

EMR ENGINEERING AND DESIGN, PLLC.
PO Box 213 (Mailing) Phone (606)–364–2886
4236 HWY 3630 E-Mail: eric@emrengineers.com
Annville, KY 40402 Web Address: emrengineers.com

P-5

SHEET

OWNER:

MARK DATE DESCRIPTION

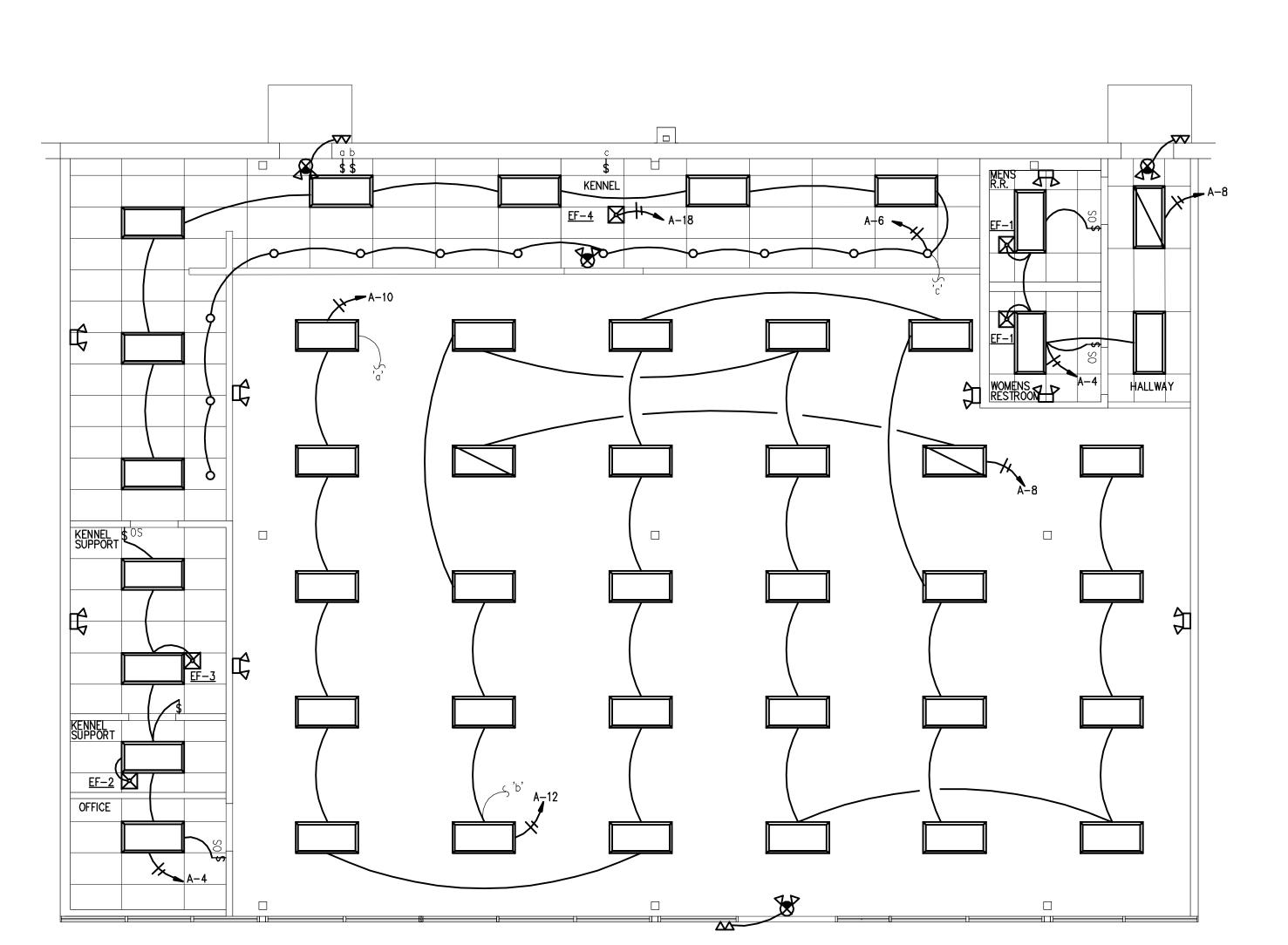
01-12-2021

PROJECT NO: 20397

DRAWN BY: RCM
CHK'D BY: EE

COPYRIGHT:

SHEET TITLE:



ELECTRICAL LIGHTING PLAN

S C A L E: 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 FIX1	UKE 5	UHEDULE			
FIX. SYM.	LIGHT DISCRIPTION	WATTS	QTY. — WATTS TYPE.	PS	> MOUNTING	LTG. FIXT. SCHEDULE NOTES
Ç	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 SIGNIFIED 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 & 0
	2'-0" X 4'-0" LED CEILING LIGHT HERMITAGE C-TR-CFP24-50L-50K-WH	41	41 WATT LED		LAYIN CEILING	NOTES: A & E
	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
0	CAN LIGHTS	50	50 WATT LED		LAYIN CEILING	

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.

\$ OC A SWITCH WITH THIS REFERENCE WILL BE EQUIPPED WITH AN OCCUPANCY SENSOR.

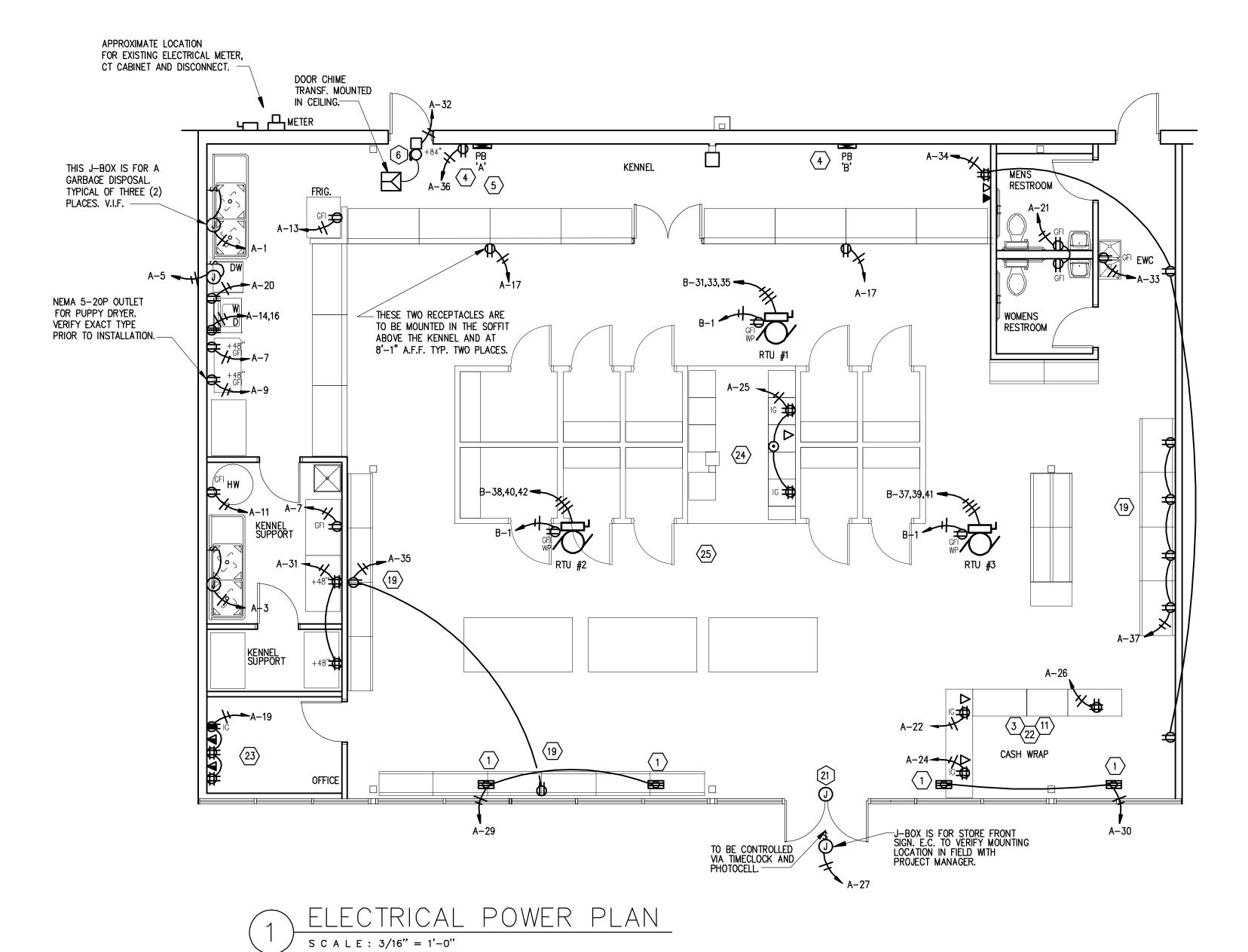
MARK DATE DESCRIPTION PROJECT NO: 20397 DATE: 01-12-2021 DRAWN BY: RCM CHK'D BY: EE

OWNER:

E-1

COPYRIGHT:

SHEET TITLE:

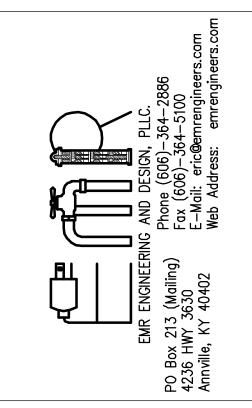


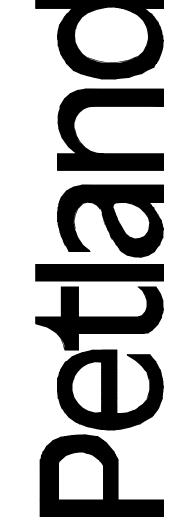
SYMBOL LEGEND

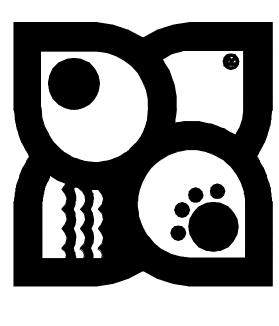
S	SPEAKER		
 	DOUBLE DUPLEX RECEPTACLE		ELECTRICAL PANEL
J	JUNCTION BOX WITH FLUSH COVER	<i>/</i> O <i>′</i>	SINGLE OR THREE-PHASE MOTOR - HP INDICATED
^G ₱	DUPLEX RECEPTACLE - GROUND FAULT INTERRUPTER TYPE	▼	TELEPHONE OUTLET MOUNTED AT 18" A.F.F.
•	DUPLEX RECEPTACLE - FLOOR MTD - VERIFY LOCATION	₩W	WALL MOUNTED TELEPHONE OUTLET MOUNTED AT 60" A.F.F.
•	RECEPTACLE MTD 6" ABOVE COUNTER OR 48"AFF	∇	COMBINATION TELEPHONE/DATA OUTLET
φ	DUPLEX RECEPTACLE - MTD 18" AFF (TO BE VERIFIED)	© _D	DUCT SMOKE DETECTOR
ф	SPECIAL PURPOSE RECEPTACLE - MTD. AT 18" AFF, SEE DWG		BELOW FLOOR CONDUIT
	FOR AMPERAGE AND VOLTAGE	E.C.	ELECTRICAL CONTRACTOR
•	PUSH BUTTON SWITCH MOUNT AT 60" A.F.G.	HVAC	HEATING, VENTILATING, AIR CONDITIONING CONTRACTOR
<u>o</u>	DOOR BELL OR BUZZER - MOUNTING AT 84" A.F.F.	AFF	ABOVE FINISHED FLOOR
S ₃	THREE WAY SWITCH	AFG	ABOVE FINISHED GRADE
S (vc)	SWITCH — SINGLE POLE VOLUME CONTROL	WP	WEATHER PROOF
	3 WIRES, 1 NEUTRAL	IG	ISOLATED GROUND
/·· /ni	4 WIRES , 1 NEUTRAL	RTU	ROOF TOP UNIT
л А—1 <u>Л</u>	HOME RUN PANEL AND CIRCUIT NUMBER,2-#12, #12G.,	C.	CONDUIT
	3/4" C. TO A 20A-1P C/B TYPICALLY	G.	GROUND
5	"RUN CONTINUES" INDICATION	мсв	MAIN CIRCUIT BREAKER
	BACK BOARD	MLO	MAIN LUG ONLY
\boxtimes_{J}	FUSED DISCONNECT SWITCH	EF	EXHAUST FAN
S	MAGNETIC MOTOR STARTER - H.O.A. TYPE	TV	TELEVISON 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.
- $\overline{7}$ not used
- $\langle 8 \rangle$ not used
- 9 not used
- (10) NOT USED
- 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.
- $\langle 12 \rangle$ not used
- (13) NOT USED
- (14) NOT USED
- (15) NOT USED
- (16) NOT USED
- 17 NOT USED
- $\overline{18}$ 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
- 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
- E.C. TO INSTALL SPEAKERS THROUGH OUT STORE, VERIFY QUANITY AND LOCATION WITH OWNER. VOLUME CONTROL TO BE INSTALLED IN OFFICE.







OWNER:

MARK	DATE	DESCRIPTION	
PROJEC	T NO.	20397	

PROJECT NO: 20397

DATE: 01-12-2021

DRAWN BY: RCM

CHK'D BY: EE

COPYRIGHT:
SHEET TITLE:

E-2

NOTES:

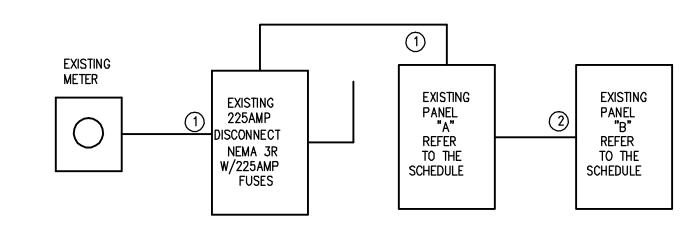
- THE CONTRACTOR SHALL, FURNISH ALL LABOR MATERIALS AND EQUIPMENT FOR THE COMPLETE INSTALLATION
- 2. NOT USED
- 3. ALL SWITCHES ARE TO BE @ 46" AFF. AND ARE TO BE 20A 120/277V 'T' RATED SPEC. GRADE TYPE.
- 4. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2014 EDITION OF THE NEC AND THE LATEST EDITION OF ALL LOCAL CODES AND ORDINANCES.
- 5. WORKMANSHIP SHALL BE FIRST QUALITY AND IN ACCORDANCE WITH BEST PRACTICES FOR THE TRADE BY SKILLED WORKERS.
- 6. LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL COORDINATE ACTUAL LOCATIONS WITH OTHER TRADES AND THE OWNER OF THE OWNERS AUTHORIZED REPRESENTATIVE.
- 7. 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.
- 8. CONDUIT RUNS SHALL BE INSTALLED PER STATE AND LOCAL CODES.
- 9. ALL MATERIALS SHALL BE NEW, WITH U.L. APPROVED LABELS.
- 10. ALL ELECTRICAL EQUIPMENT AND SYSTEMS SHALL BE TESTED AND ADJUSTED FOR PROPER OPERATION. COMPLETE WRING SYSTEM SHALL BE FREE OF SHORT AND OPEN CIRCUITS.
- 11. COLOR OF DEVICES AND DEVICE PLATES SHALL BE COORDINATED WITH WALL COLOR AND SHALL BE COMPATIBLE WITH WALL COLORS.
- 12. THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES AND PERMITS REQUIRED FOR THE CONSTRUCTION OF THE PROJECT.
- 13. THE CONTRACTOR SHALL FURNISH THE CERTIFICATE OF ELECTRICAL INSPECTION TO THE OWNER AT THE COMPLETION OF THIS PROJECT.
- 14. ALL ELECTRICAL EQUIPMENT SHOWN SHALL BE ELECTRICALLY PROTECTED AND PROPERLY WIRED IN ACCORDANCE WITH THE NEC. COORDINATE LOCATIONS AND ELECTRICAL DATA WITH THE OWNER.
- 15. 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.
- 16. REUSE EXISTING ELECTRICAL SERVICE AND PANELS AS SHOWN.
- 17. 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.

	ELECTR	ICAI	_ PAN	EL (SC	HEDULE		
FEED_PO	SITION	_ MOL	INTING	PANEL	NO.	_A ENCLOSURE	225A MAIN BREAKER	
SERVICE VOLTAGE	120/208V/3PH/4W	_PAN	EL DESCR	IPTION	Ę	EXISTING 225MP PANEL		
B WIRE & CONDUIT	LOAD SERVED	CKT#	LOAD WA	TTS	CKT#	LOAD SERVED	WIRE & CONDUIT	СВ
2-#12 THW & 1 #12 G, 3/4" C.	GARBAGE DISPOSAL		00		2	STORE FRONT SIGN	2-#12 THW & 1 #12 G, 3/4" C.	20A /
1 _P 2-#12 THW & 1 #12 G, 3/4" C.	GARBAGE DISPOSAL	3	00 1000 527	1000	4	OFFICE & R.R. LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A
1 _P 2-#12 THW & 1 #12 G, 3/4" C.	DISHWASHER	5 72		887	6	KENNEL LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
2-#12 THW & 1 #12 G, 3/4" C.	KENNEL RECEPTS.	12		007	8	NIGHT LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
2-#12 THW & 1 #12 G, 3/4" C.	PUPPY DRYER	9 '2	574	180	10	SALES AREA LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A
2-#12 THW & 1 #12 G, 3/4" C.	WATER HEATER	11 17 50	1	533	12	SALES AREA LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
2-#12 THW & 1 #12 G, 3/4" C.	KENNEL FRIDGE	10145	00 180	300	14	DRYER	3-#12 THW & 1 #12 G, 3/4" C.	20A
2-#12 THW & 1 #12 G, 3/4" C.	PANEL BOARD RECEPT.	15	1500	360	16			2P
2-#12 THW & 1 #12 G, 3/4" C.	SOFFIT RECEPTS.	17 10		1656	18	KENNEAL EXHAUST FAN	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
1 _P 2-#12 THW & 1 #12 G, 3/4" C.	OFFICE RECEPTS.	19 50	360	1000	20	WASHER	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
2-#12 THW & 1 #12 G, 3/4" C.	RESTROOMS RECEPTS.		360	540	22	CASHWRAP QUAD	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
2-#12 THW & 1 #12 G, 3/4" C.		23 90		360	24	CASHWRAP QUAD	2-#12 THW & 1 #12 G, 3/4" C.	20A
2-#12 THW & 1 #12 G, 3/4" C.	FLOOR RECEPTS./QUADS	Z3 70	1200		26	CASHWRAP QUAD	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
2-#12 THW & 1 #12 G, 3/4" C.		2/	100	360	28	TIME CLOCK	2-#12 THW & 1 #12 G, 3/4" C.	20A
2-#12 THW & 1 #12 G, 3/4" C.	CEILING RECEPTS.	29 71 72		720	30	CEILING RECEPTS.	2-#12 THW & 1 #12 G, 3/4" C.	20A
2-#12 THW & 1 #12 G, 3/4" C.		131 <u>40</u>		/20	32	DOOR BUZZER	2-#12 THW & 1 #12 G, 3/4" C.	20A
1P 2-#12 THW & 1 #12 G, 3/4" C.	SUPPORT RM. RECEPT.	33	720	540	34	MISC. RECEPTS.	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
2-#12 THW & 1 #12 G, 3/4" C.	MISC. RECEPTS.	35 37 72		540	36	RTU RECEPTS.	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
2-#12 THW & 1 #12 G, 3/4" C.		J/ 65	12 0		38			225A/
	SPACE	39	8712	o		PANEL 'B'	4-#4/0 THW & 1 #2 G, 2 1/2" C.	
	SPACE	41	0/12	8712	42			
C TIME CLOCK	TOTALS	S 17	955 16413	16388				
LOCK-ON BREAKER								

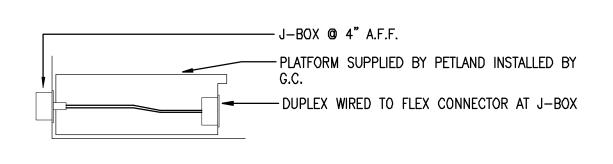
TOTAL LOAD KVA/AMPS <u>50.8/141.0</u> DEMAND <u>50,756</u> PROTECTED LOAD-AMPS <u>176.3/225AT</u>

TOTAL LOAD WATTS <u>50,756</u>

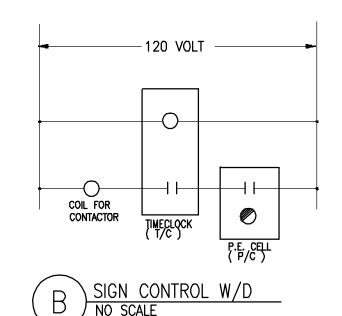
	SFR	FEED POS	ELECTR SITION	M	OUNTI	NG F	PANEL	NO.		ENCLOSURE .	225A MAIN BREAKER	
	CB	WIRE & CONDUIT	LOAD SERVED	CKT#		AD WA		CKT#	LOAD) SERVED	WIRE & CONDUIT	СВ
Н	45A /	4-#8 THW & 1 #10 G, 1" C.	RTU-1	1 3 5	2904 2904 2904	2904 2904	2904 2904	2 4 6	RTU-2		4-#8 THW & 1 #10 G, 1" C.	45A 3P
Н	3P	4-#8 THW & 1 #10 G, 1° C.	RTU-3 SPACE	7 9 11 13	0	2904 0 (2904	8 10 12 14	SPACE SPACE SPACE SPACE			
			SPACE SPACE SPACE	15 17 19		0 (0	16 18 20	SPACE SPACE SPACE			
			SPACE SPACE SPACE SPACE	21 23 25 27	0	0 (0	22 24 26 28	SPACE SPACE SPACE SPACE			
			SPACE SPACE SPACE SPACE	29 31 33 35	0	0 0	0	30 32 34 36	SPACE SPACE			
			SPACE SPACE SPACE	37 39 41	0	0 0	0 0	38	SPACE SPACE			
	Н	HACR BREAKER	<u>TOTAL</u> :	S	8712	8712	8712					
		TOTAL LOAD KVA/A	MPS <u>26.2/72.6</u>	Dŧ	EMAND)2	6,136) WATTS <u>26,</u> CTED LOAD-AN	<mark>136</mark> MPS <u>90.8/225AT</u>	



- 1) EXISTING TO BE REUSED AS IS
- (4) #4/0 THW
 (2) #2 COPPER GRO
- RISER DIAGRAM
 s c a l e : n.t.s.









E-3