	AIR BALA	NCE: -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.

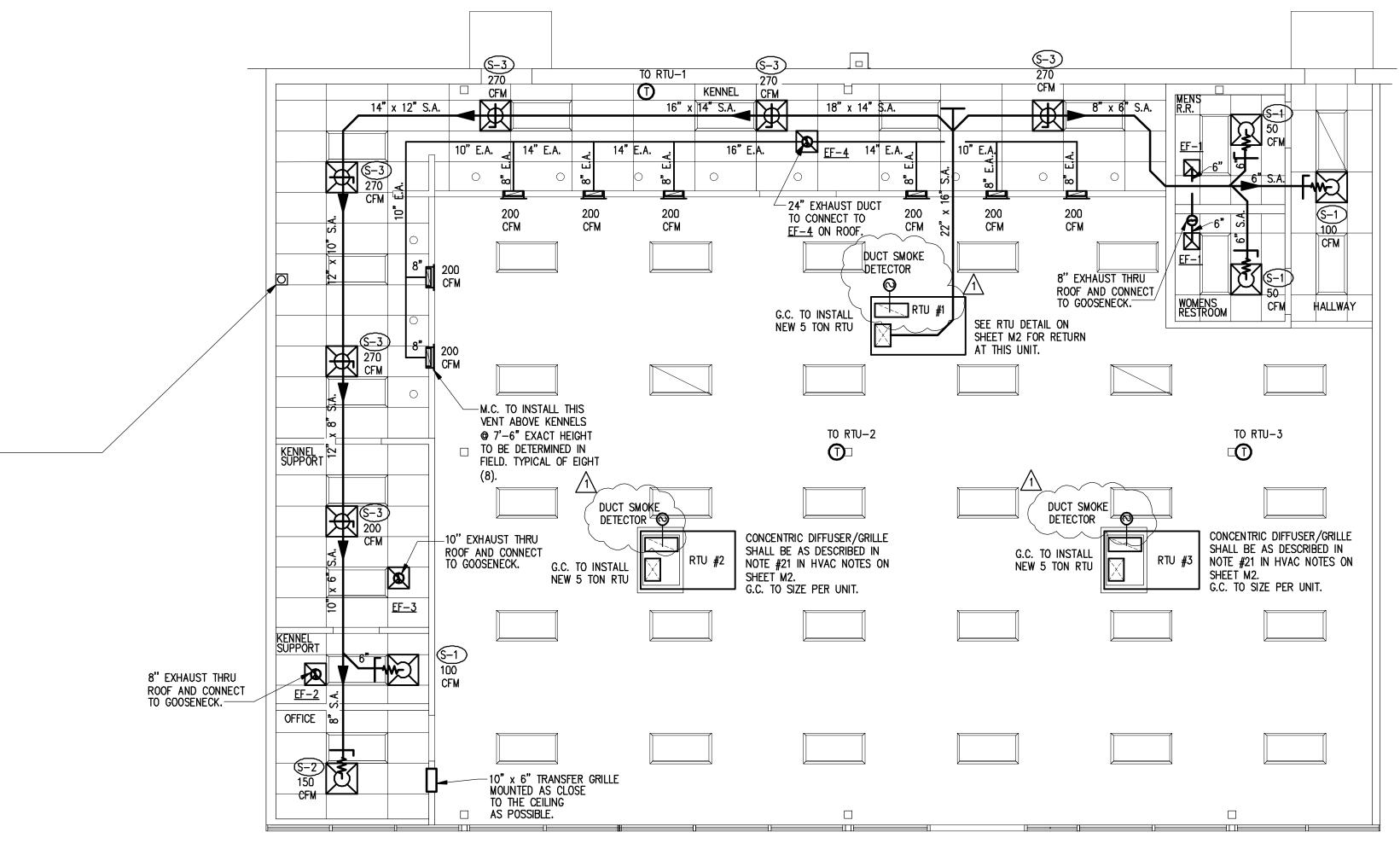
DRYER BOX INSTALLATION

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.



MECHANICAL LEGEND:

CONNECT TO EXISTING

APPROVED DUCT TYPE SMOKE DETECTOR

CUBIC FEET PER MINUTE

AIR DISTRIBUTION DEVICE DESIGNATOR

THERMOSTAT PLUMBING FIXTURE DESIGNATOR <u>P-#</u>

NTS NOT TO SCALE

CFM

RTU ROOFTOP UNIT

MECHANICAL EQUIPMENT DESIGNATOR

SUPPLY AIR DIFFUSER

RETURN AIR GRILLE \mathcal{M} FLEXIBLE DUCT

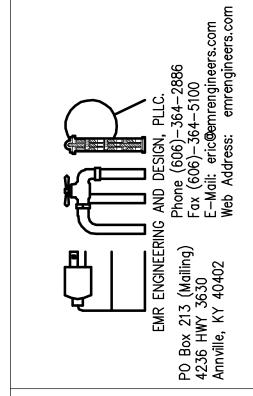
MANUAL VOLUME DAMPER

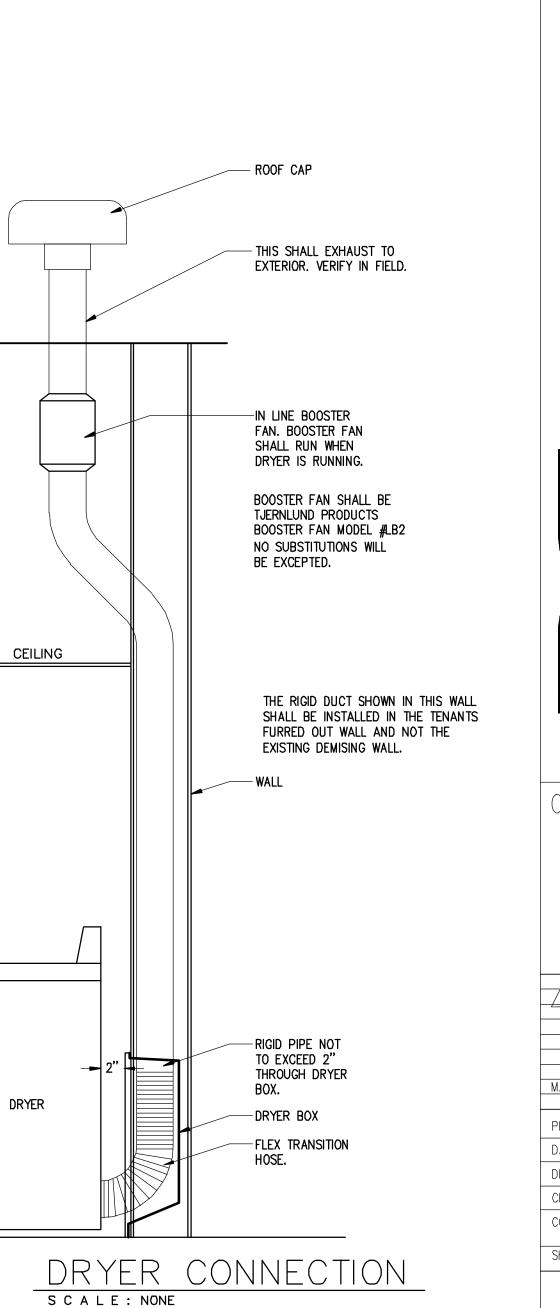
DUCT TRANSITION

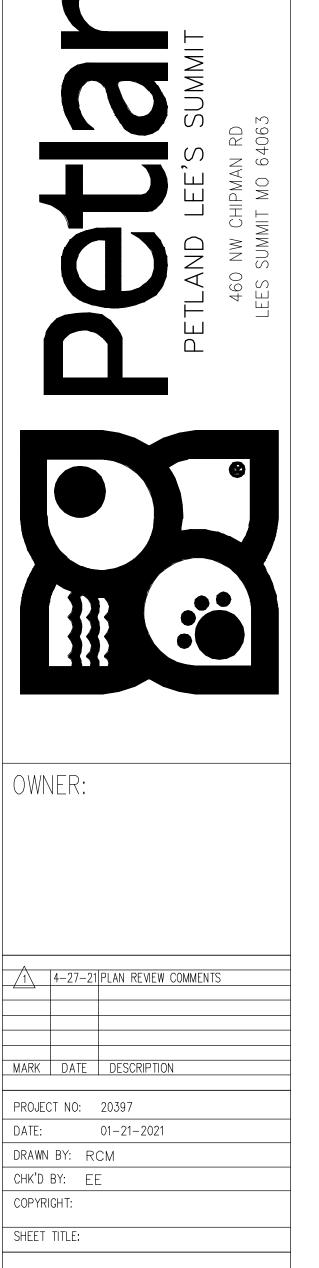
REGTANGULAR DUCT (WIDTH X DEPTH) ∼A X B

FIRE DAMPER

DRYER







M-1

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

IF LOCAL CODES AND INSPECTION WILL ALLOW IT.

- 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
- 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.

	PACKAGE ROOFTOP UNIT SCHEDULE (gas heat/elec. cool)												
MARK MFG/MODEL		TONS	CFM	OUTSIDE AIR CFM	EER	ENTERING AIR CONDITIONS	COOLING CAPA TOTAL	CITY (MBH) SENSIBLE	HEATING CAI	PACITY (BTU) OUTPUT	ELECTRICAL VOLT / PH / HZ	REMARKS	
RTU 1, 2 & 3	CARRIER 48HCDA06B2M5-DF1F0	5	2000	400	1 4 4 / 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	

AND MOUNTED AT 48" A.F.F. ABSOLUTELY NO SUBSTITUTIONS.

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

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

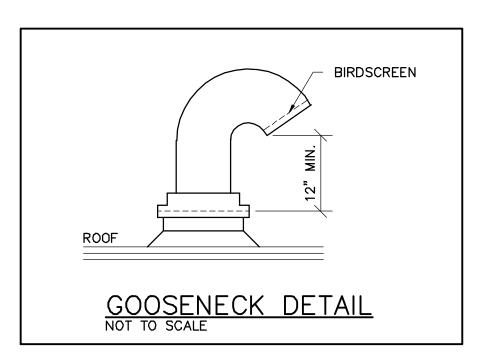
	EXHAUST FAN SCHEDULE										
MARK	AREA SERVED	MANUFACTURER	MODEL	CFM	E.S.P. ("W.C.)	MOTOR WATTS V/PH		BAROMETRIC DAMPER	ACCESSORIES		
EF-1	RESTROOM	GREENHECK	SP-A90	80	1/4"	30	120/1	YES	GRAVITY DAMPER		
EF-2	KENNEL SUPPORT	GREENHECK	SP-A190	150	1/4"	113	120/1	YES	1,2,3,4,5,6,7,8,9		
EF-3	KENNEL SUPPORT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

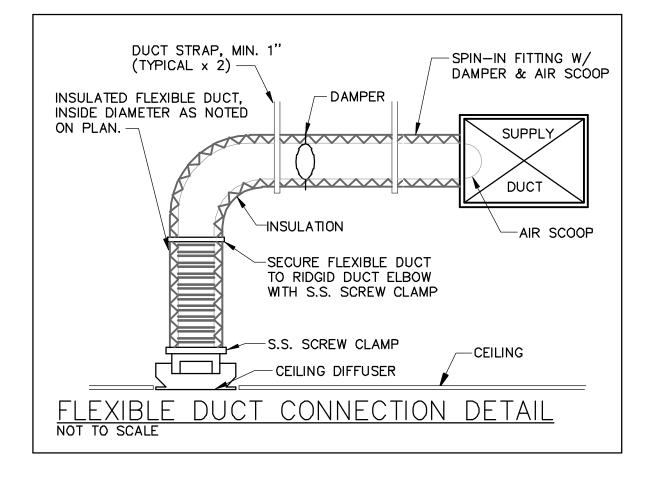
ACCESSORIES

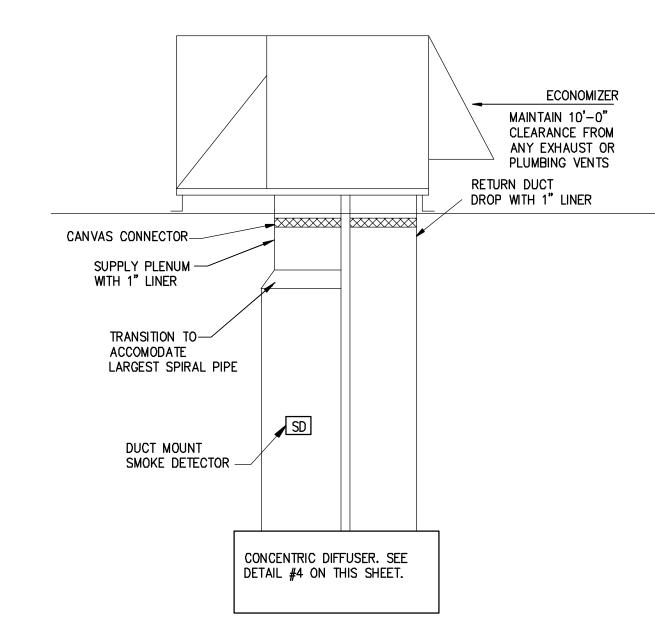
- 1 DISCONNECT 2 - ROOF MOUNTED
- 4 RAIN CAP 5 - GRAVITY BACK PRESSURE DAMPER
- 3 ROOF CURB
- 6 CONSTANT ON FAN - MAGNETIC STARTER (BY G.C) 8 - ON/OFF SWITCH

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.

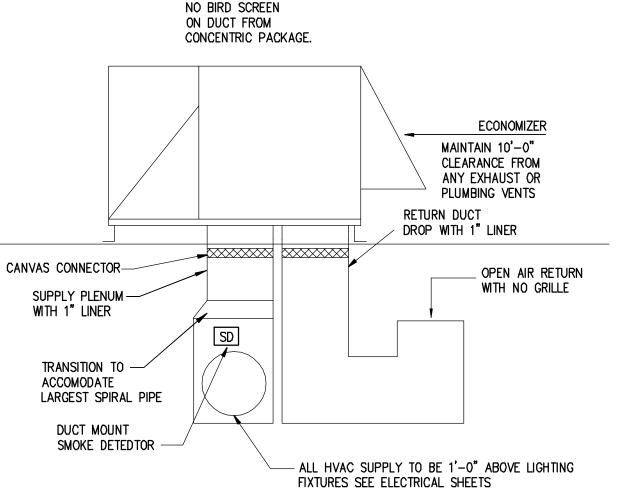
	GRILLE,	REGISTER	& DIF	FUSER S	SCHEDULE							
MARK	MATERIAL	DEVICE SIZE	CFM RANGE MIN/MAX	INLET SIZE	AIR PATTERN	MOUNTING	TYPE					
S-1	PAINTED STEEL	24" x 24"	0/100	6"	4-WAY	LAY-IN	SUPPLY					
S-2	PAINTED STEEL	24" × 24"	100/175	8"	4-WAY	LAY-IN	SUPPLY					
S-3	PAINTED STEEL	24" × 24"	175/275	10"	4-WAY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



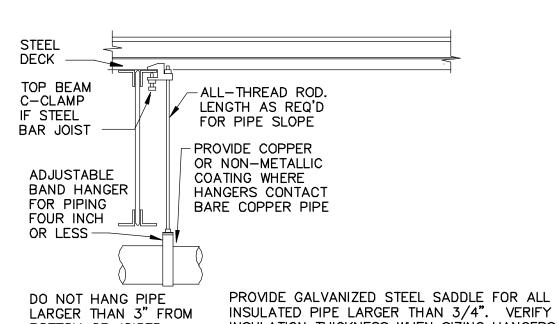




DUCT FROM CONCENTRIC PACKAGE DETAIL SCALE: NTS



RETURN DUCT DETAIL FOR OPEN RETURN S C A L E : N.T.S.



INSULATION THICKNESS WHEN SIZING HANGERS BOTTOM OF JOISTS 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

PIPE HANGER

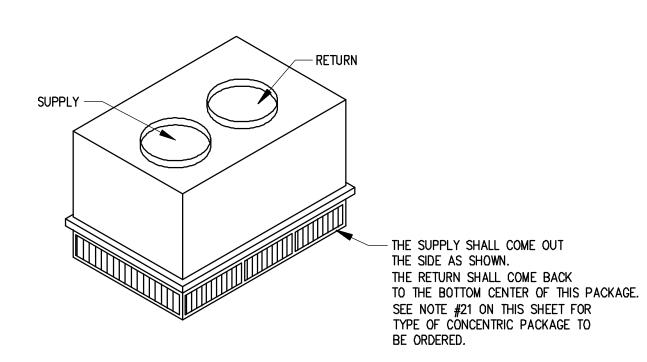
S C A L E: N.T.S.

ACCEPTABLE. REFER TO CODES AND SPECS FOR FURTHER INFORMATION.

TRANSITION SHALL BE PAINTED BLACK TO MATCH CEILING.

DIFFUSER, SHALL BE WITH INSULATED METAL. CONCENTRIC AND CONNECTED

SUPPLY AND RETURN TRANSITION, CONNECTING RTU'S TO CONCENTRIC



CONCENTRIC PACKAGE DETAIL

NOTES:

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

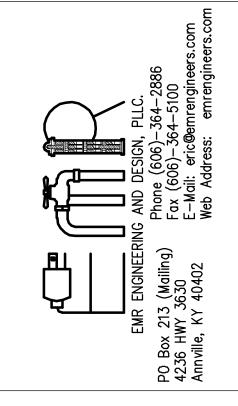
SUBMITTAL BY A LICENSED SPRINKLER CONTRACTOR

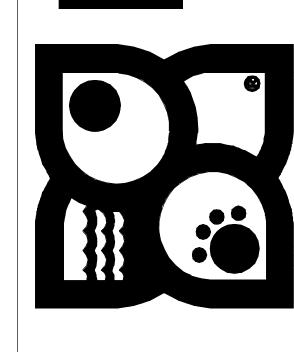
WHICH WILL SUBMIT SHOP DRAWINGS FOR APPROVAL.

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

SCALE: NTS

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.



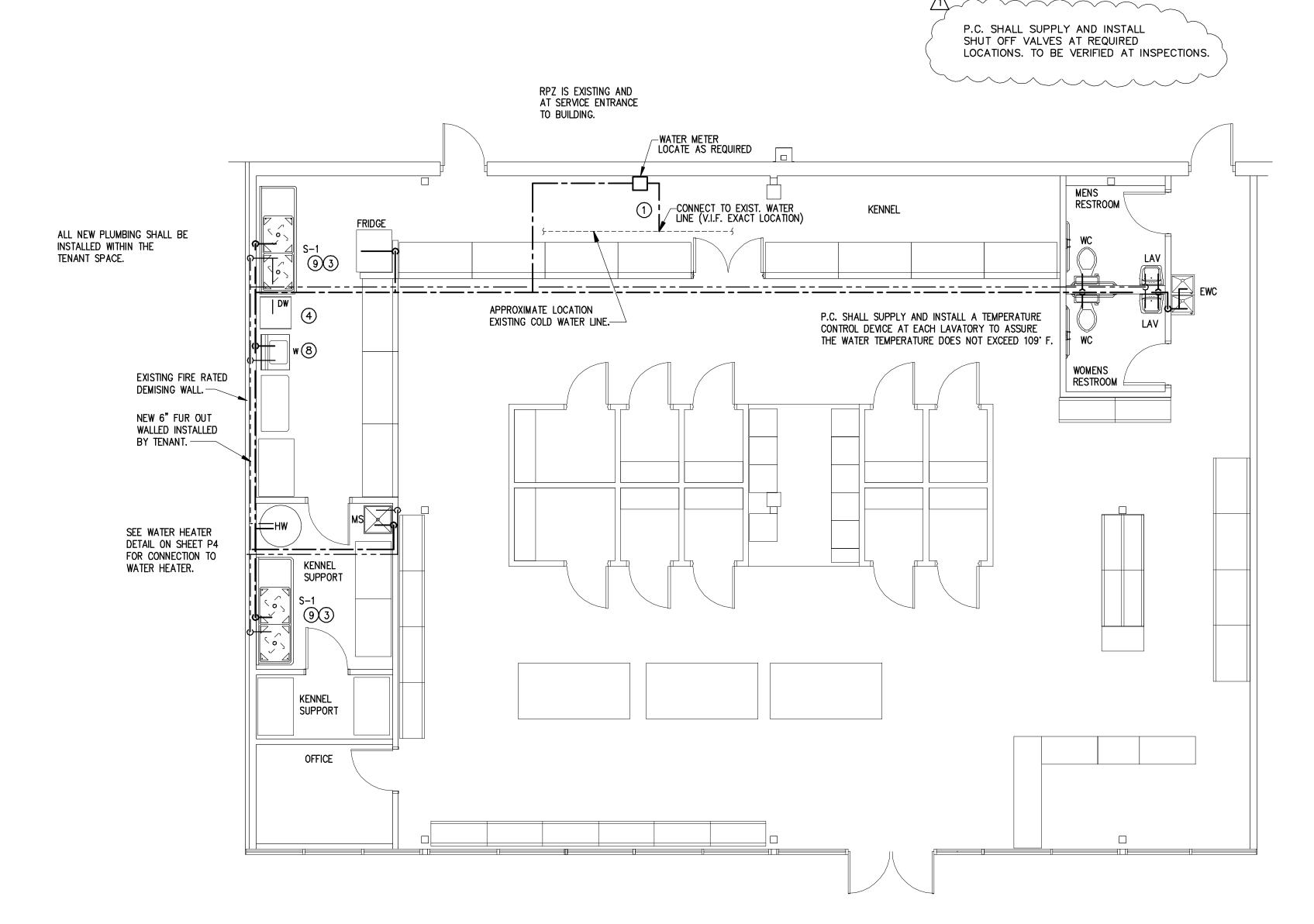


OWNER:

1 4-27-21 PLAN REVIEW COMMENTS MARK DATE DESCRIPTION PROJECT NO: 20397 01-21-2021 DRAWN BY: RCM CHK'D BY: EE COPYRIGHT: SHEET TITLE:

M-2

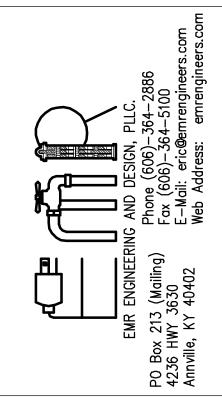
PLUMBING SYMBOL LEGEND _____ - _____CW ___ - ____ COLD WATER (CW) —— - - —— HW —— - - —— HOT WATER (HW 140F) ----- TFW ----- TEMPERED FILTERED WATER SHUT-OFF VALVE CHECK VALVE



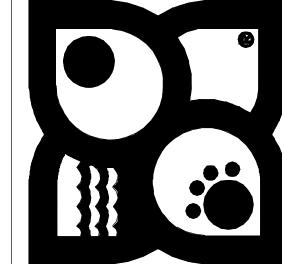
DOMESTIC WATER PLAN

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.
- 4. INSULATE P-TRAP LINE AND WATER LINES UNDER TOILET ROOM LAVATORY IN ACCORDANCE WITH A.D.A. GUIDELINES.
- 5. PROVIDE AIR CHAMBERS 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.
- 8. ALL PLUMBING PIPING SHALL BE PRESSURE TESTED AND CHLORINATED.
- 9. CONTRACTOR SHALL PAY ALL FEES AND RELATED CHARGES FOR PERMITS, LICENSES, ETC. REQUIRED FOR INSTALLATION OF PLUMBING
- 10. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL FIXTURES AND EQUIPMENT.







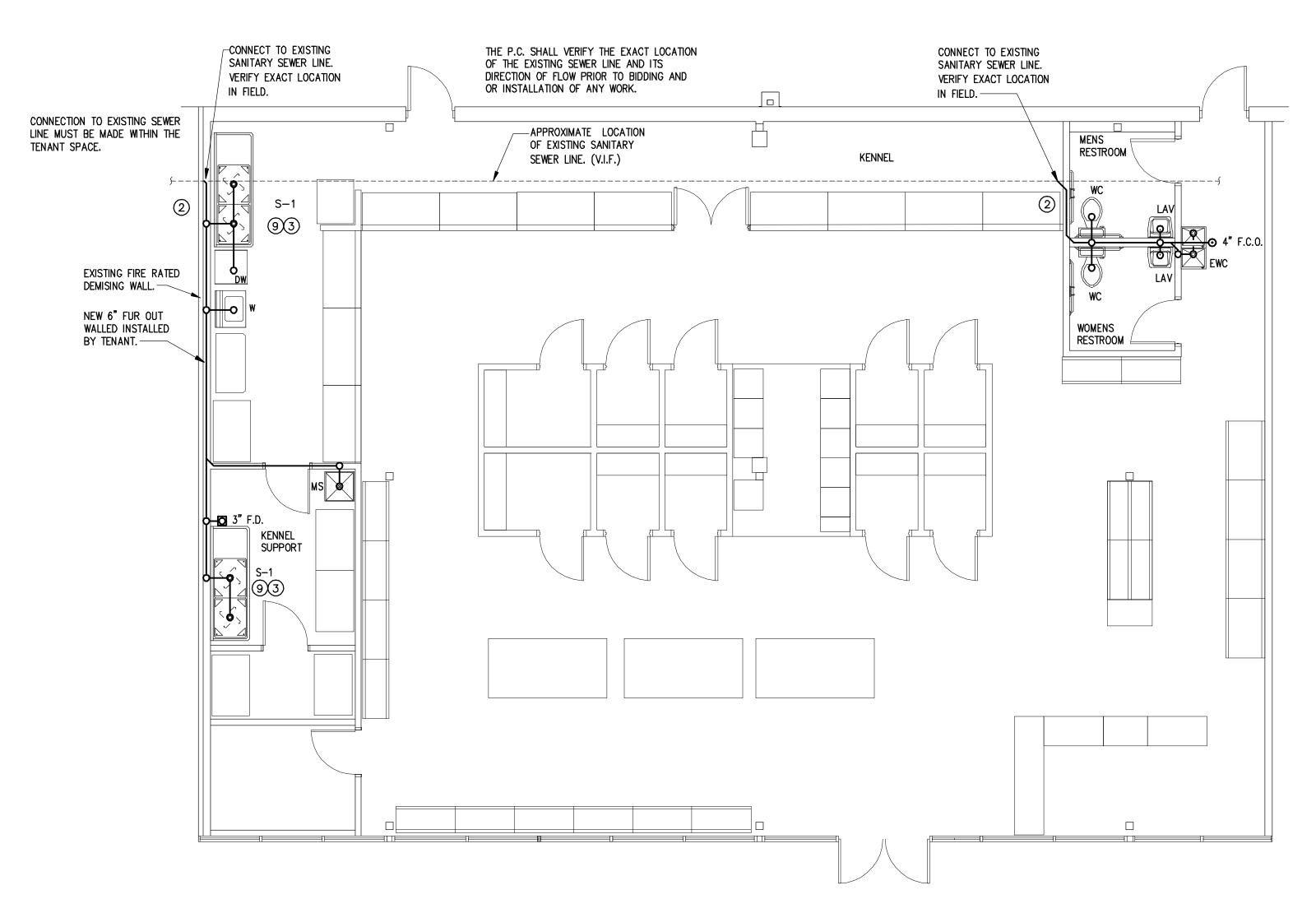
OWNER:

PLUMBING CODED NOTES:

- 1) NEW 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.
- 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
- GARBAGE DISPUSAL IN-SINK-ERATOR TITE, O, 1...

 PHASE, 8.1 AMPS. FURNISHED AND INSTALLED BY P.C.

1 4-27-21 PLAN REVIEW COMMENTS MARK DATE DESCRIPTION PROJECT NO: 20397 DATE: 01-21-2021 DRAWN BY: RCM CHK'D BY: EE COPYRIGHT: SHEET TITLE:



SANITARY SEWER PLAN S C A L E : 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.
- 5. PROVIDE AIR CHAMBERS AT EVERY QUICK CLOSURE VALVE OR FAUCET.
- 6. PROVIDE SHUT OFF VALVES AT EACH PLUMBING FIXTURE WATER SUPPLY.

PLUMBING CODED NOTES:

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.

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.

8 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.

7 PROVIDE VACUUM BREAKER ON WALL FOR FAUCET AS NOTED ON DETAIL. SEE KENNEL SINK AND DISPOSAL

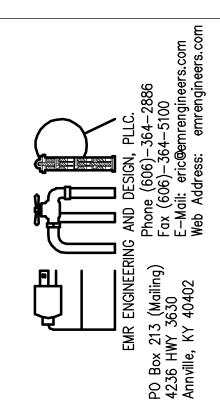
1) NEW 1 1/4" DOMESTIC WATER SERVICE WITH SHUT OFF FROM EXISTING METER.

CONNECTION DETAIL ON DWG. P-4.

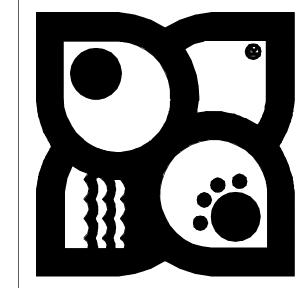
5 NOT USED

6 NOT USED

- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES.
- 8. ALL PLUMBING PIPING SHALL BE PRESSURE TESTED AND CHLORINATED.
- 9. CONTRACTOR SHALL PAY ALL FEES AND RELATED CHARGES FOR PERMITS, LICENSES, ETC. REQUIRED FOR INSTALLATION OF PLUMBING
- 10. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL FIXTURES







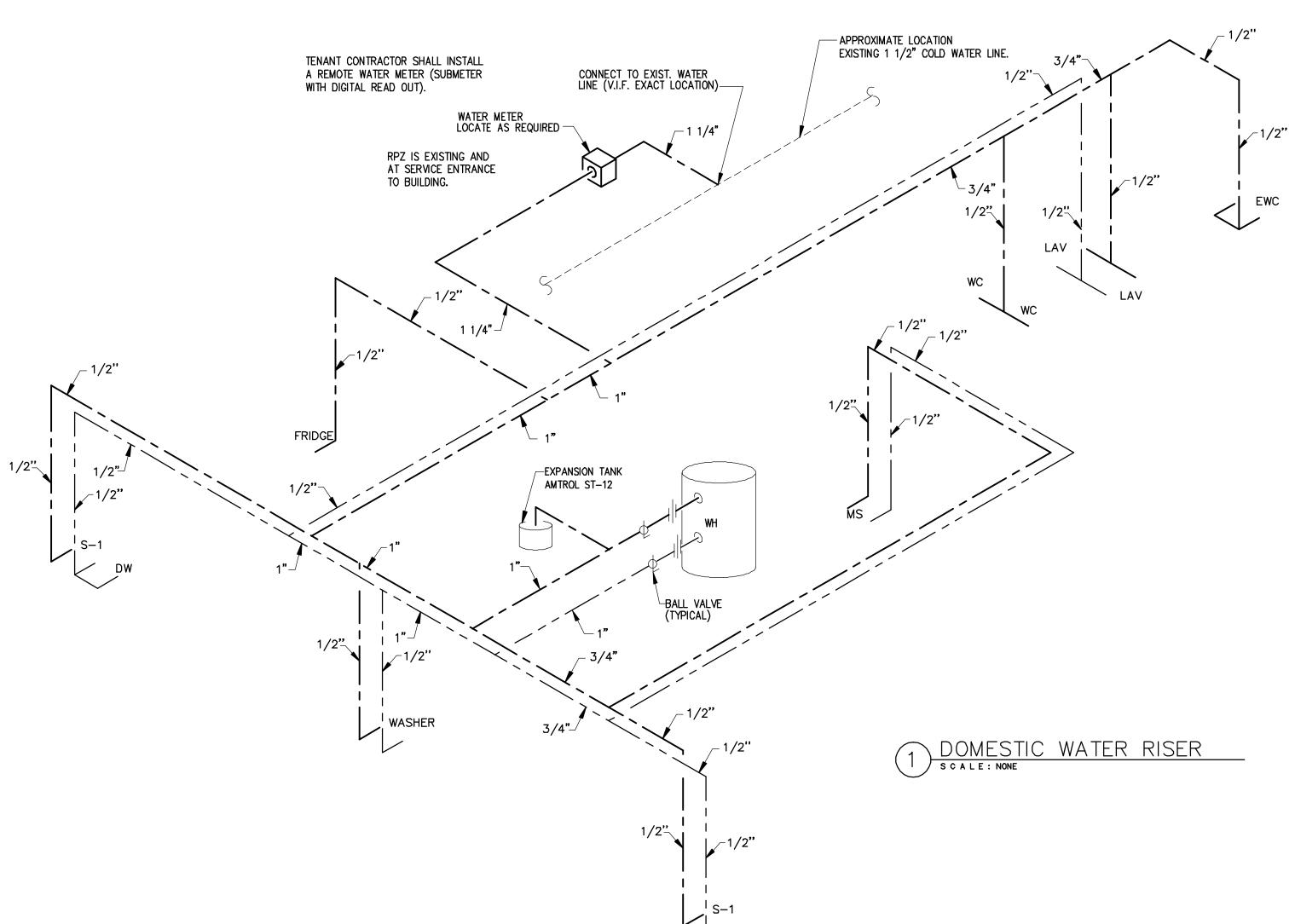
/1\	4-27-21	PLAN REVIEW COMMENTS	
MARK	DATE	DESCRIPTION	

PROJECT NO: 20397 01 - 21 - 2021

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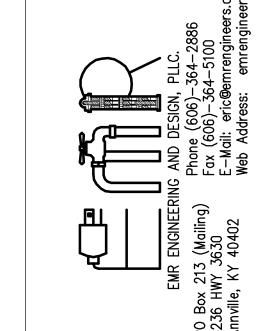
P-2



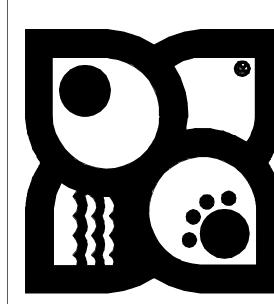
GENERAL PLUMBING NOTES

- 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.
- 2. 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.
- 4. INSULATE P-TRAP LINE AND WATER LINES UNDER TOILET ROOM LAVATORY IN ACCORDANCE WITH A.D.A. GUIDELINES.
- 5. PROVIDE AIR CHAMBERS 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.
- 8. ALL PLUMBING PIPING SHALL BE PRESSURE TESTED AND CHLORINATED.
- 9. CONTRACTOR SHALL PAY ALL FEES AND RELATED CHARGES FOR PERMITS, LICENSES, ETC. REQUIRED FOR INSTALLATION OF PLUMBING
- 10. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL FIXTURES AND EQUIPMENT.

PLUMBING SYMBOL LEGEND





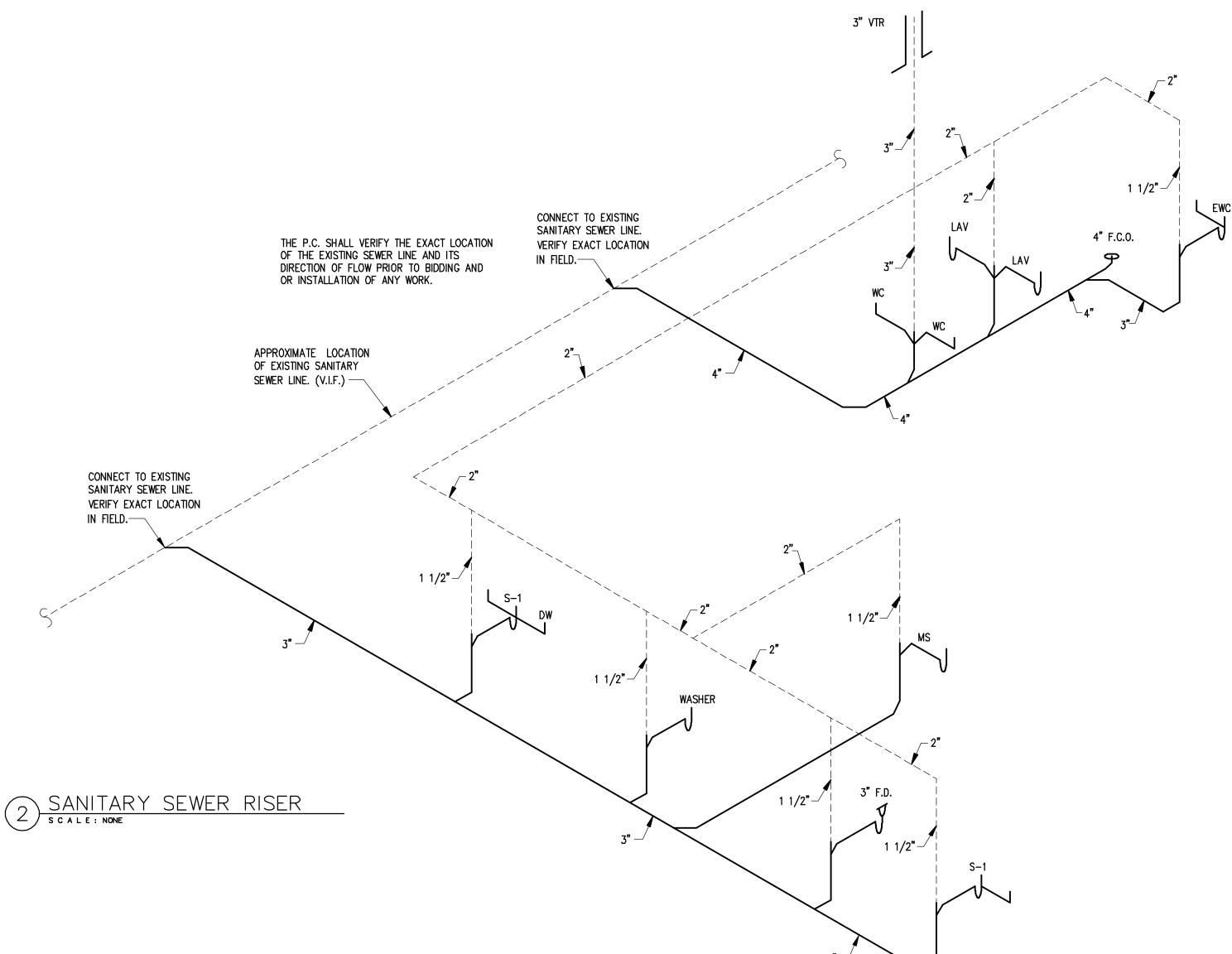


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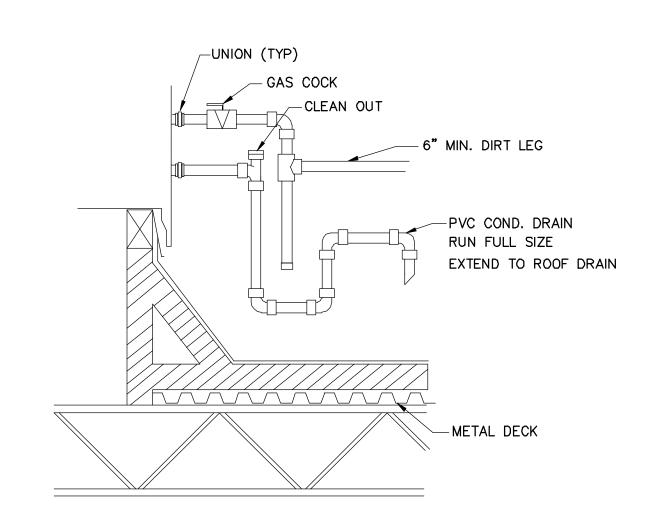
1	4-27-21	PLAN REVIEW COMMENTS
	1 27 21	TENT NETET COMMENTO
MARK	DATE	DESCRIPTION
PROJEC	CT NO:	20397
DATE:		01-21-2021
DRAWN	BY: R	CM
CHK'D	BY: EE	

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SHEET TITLE:

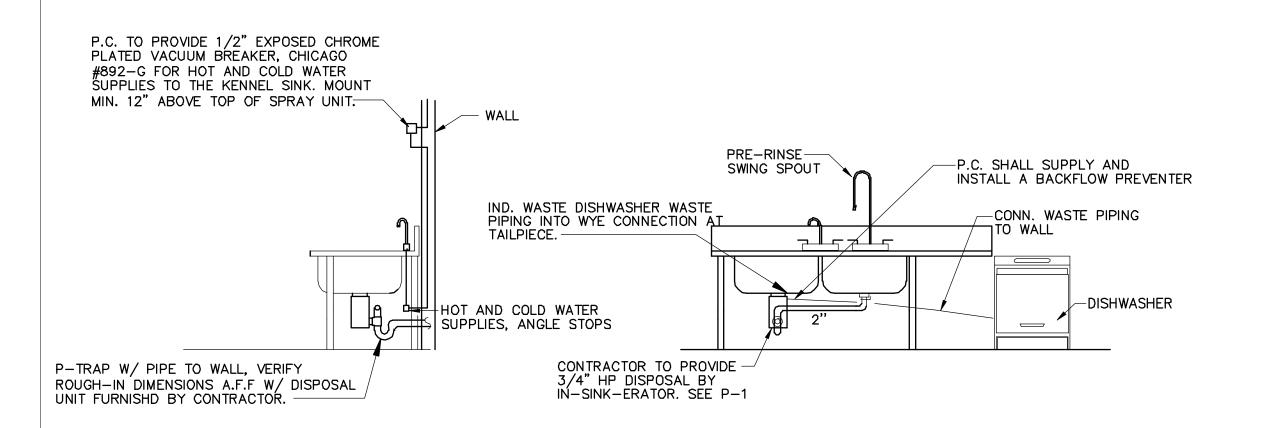
P - 3



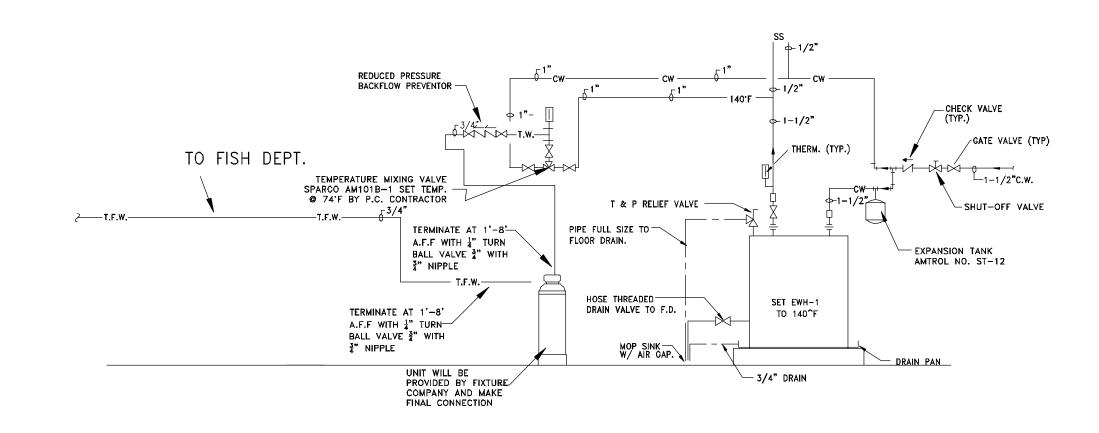
				P	LUMBIN	IG FIXTURE SCHEDULE			
MARK	FIXTURE	C.W.	H.W.	SAN	VENT				
WC	WATER CLOSET	1/2"		4"	2"	AMERICAN STANDARD CADET NO. 2998.012 FLOOR MOUNTER TANK TYPE SIPHON JET WITH WHITE OPEN FRONT COMMERCIAL GRADE SEAT WITH CHECK HINGE. TANK LEVER SHALL BE ON WIDE SIDE OF TOILET AREA			
LAV	LAVATORY	1/2"	1/2"	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"	ARRIER FREE, SPLIT LEVEL WATER COOLER (ADA COMPLIANT) 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			

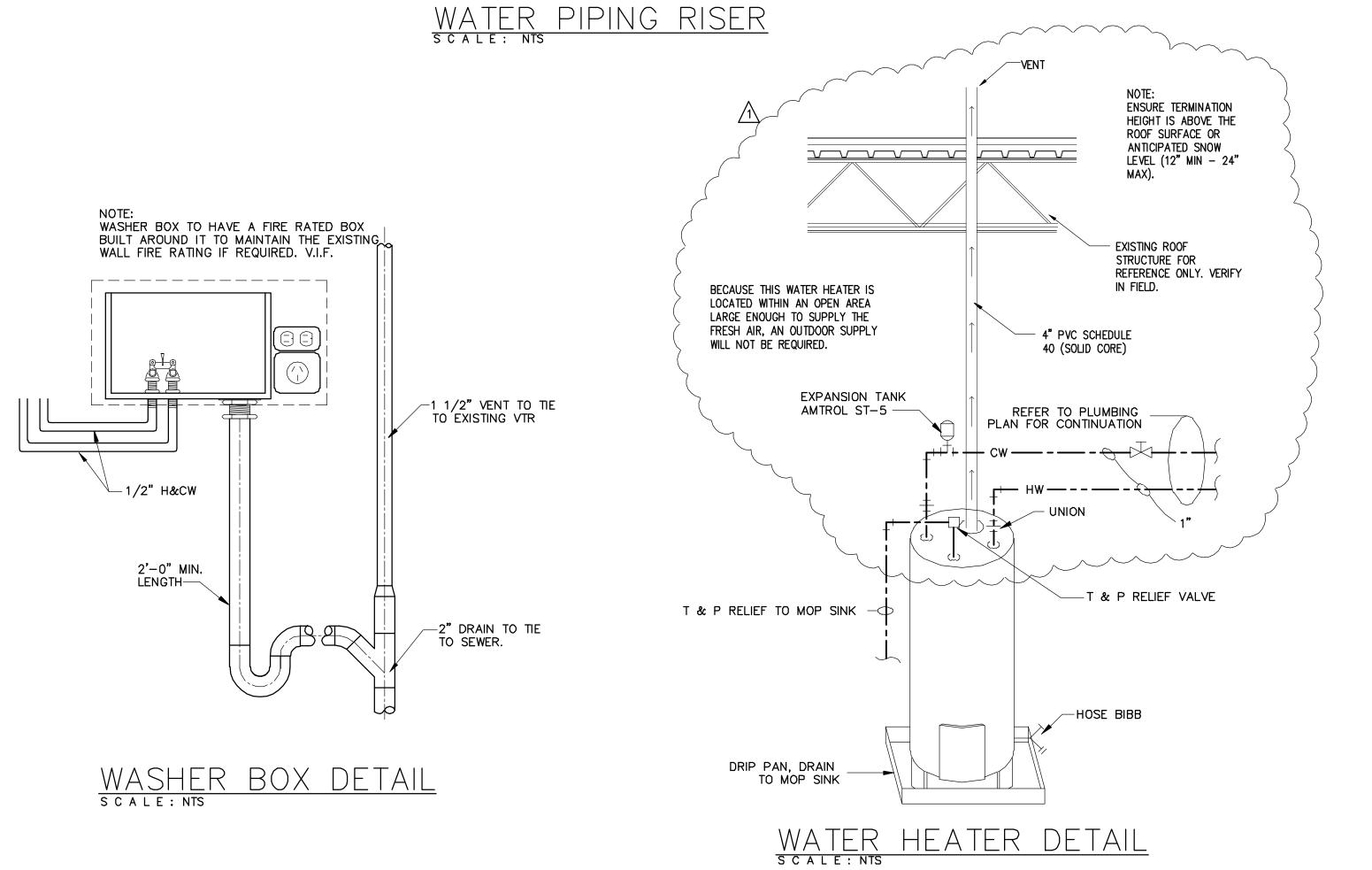


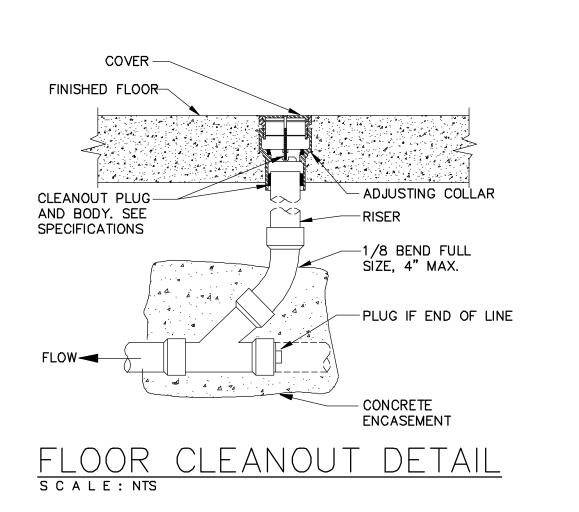
ROOFTOP GAS AND CONDENSATE DETAIL

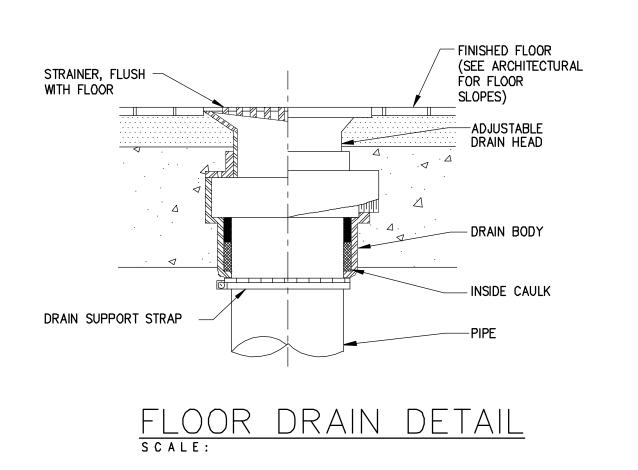


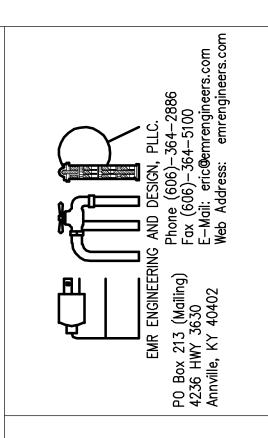
KENNEL SINK/DISPOSAL CONNECTION DETAIL S C A L E : NTS

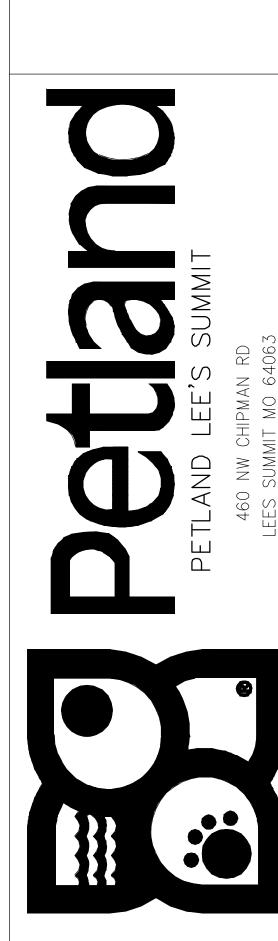












MARK DATE DESCRIPTION

PROJECT NO: 20397

DATE: 01-21-2021

DRAWN BY: RCM

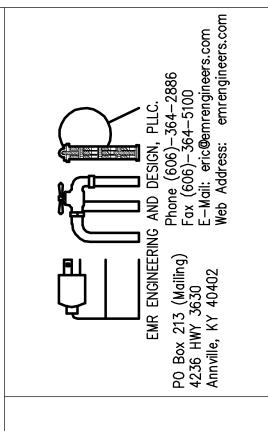
CHK'D BY: EE

OWNER:

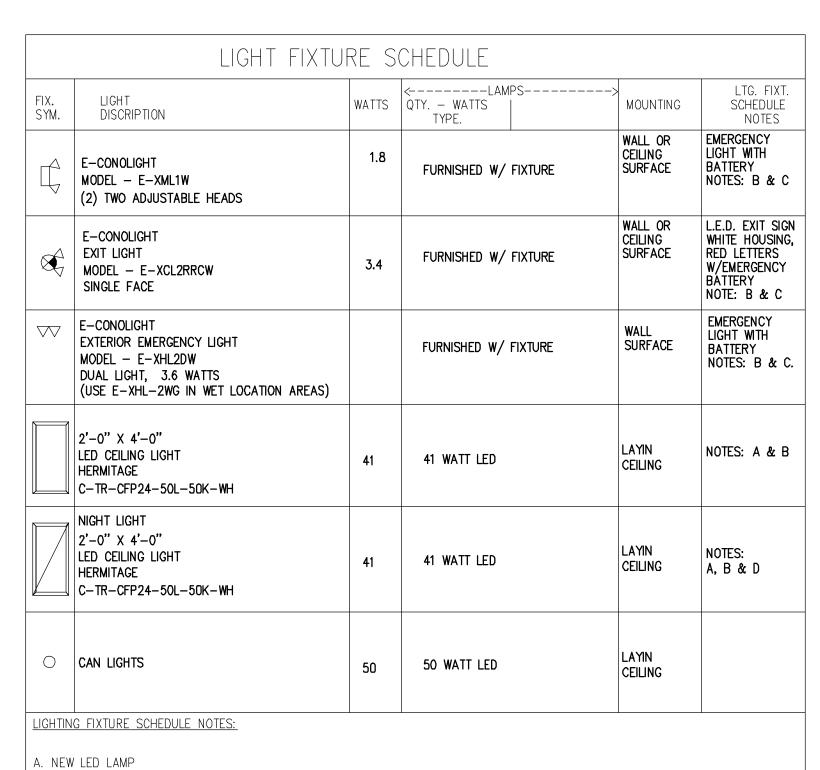
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SHEET TITLE:

P-4



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.



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.

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4-27-21 PLAN REVIEW COMMENTS

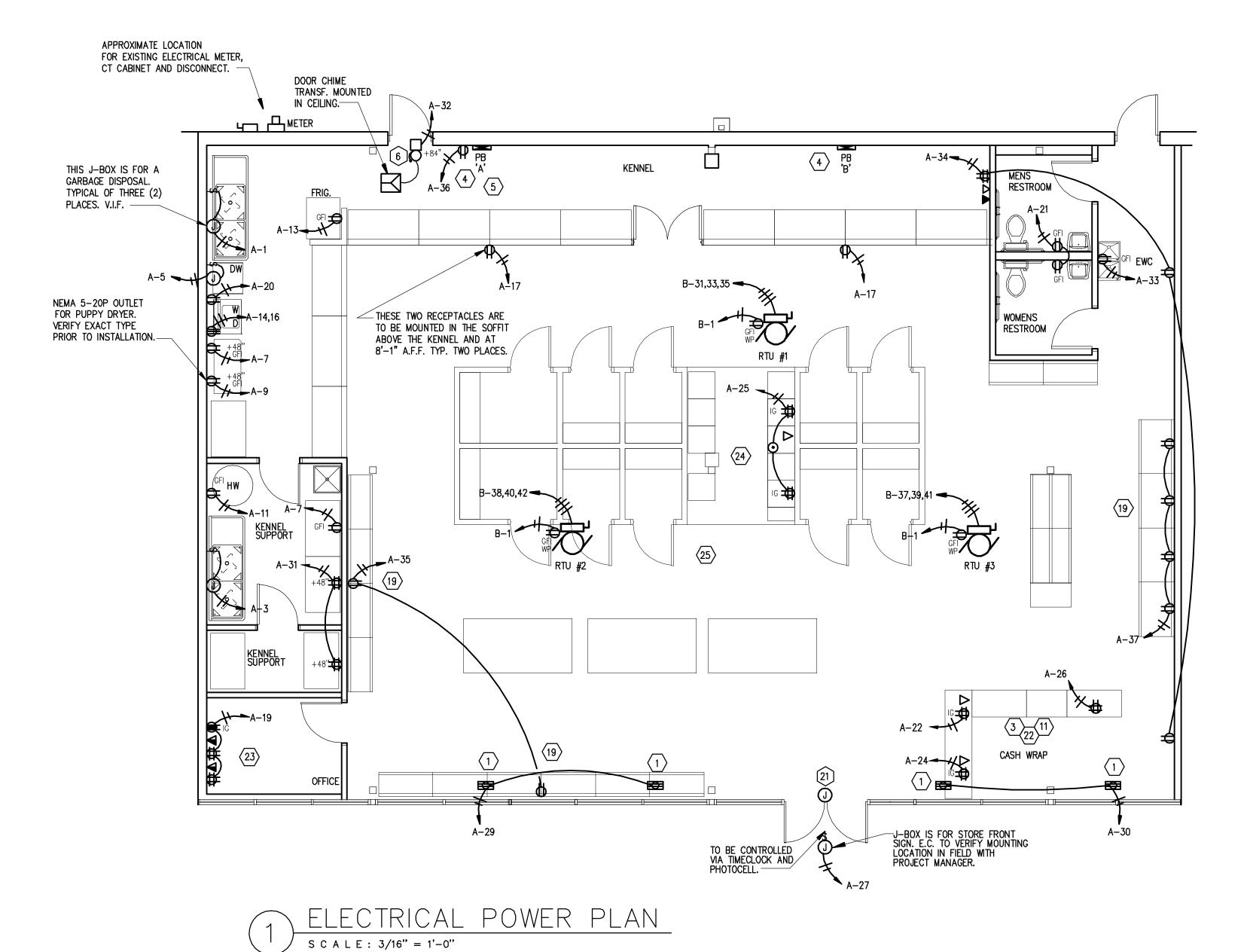
OWNER:

E-1

A-10	KENNEL EF-4 A-18	 - A—8
KENNEL SOS SUPPORT SUP	, b' A-12	

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

SHEET TITLE:



SYMBOL LEGEND

S	SPEAKER		
 	DOUBLE DUPLEX RECEPTACLE		ELECTRICAL PANEL
J	JUNCTION BOX WITH FLUSH COVER	<i>/</i> O′	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)	S _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
lii	4 WIRES , 1 NEUTRAL	RTU	ROOF TOP UNIT
ν Α–1 //	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

 \bigcirc 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

8 NOT USED

9 not used

 $\langle 10 \rangle$ 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.

(12) NOT USED

(13) NOT USED

(14) NOT USED

 $\langle 15 \rangle$ not used

 $\langle 16 \rangle$ not used

17 NOT USED

(18) NOT USED

 $\overline{19}$ 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

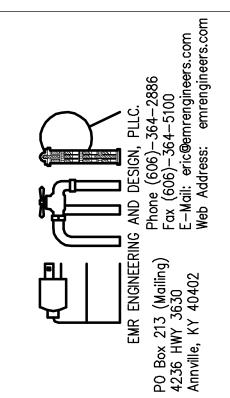
21 E.C. TO PROVIDE 1" CONDUIT FROM OFFICE CEILING TO FRONT EXIT DOOR WITH PULL STRING. TERMINATE AT 120" A.F.F. WITH JUNCTION BOX.

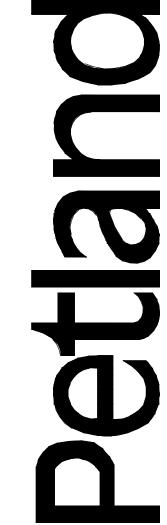
22 RUN 3 - CAT 5 CABLES TO OFFICE PATCH PANEL AND 1 - CAT 5 CABLE TO TELEPHONE BACKBOARD

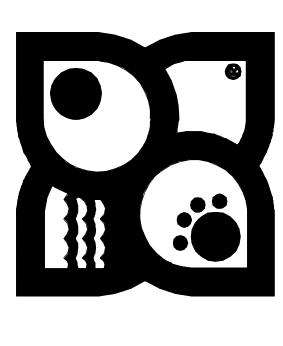
RUN 2" CONDUIT FROM ABOVE CEILING DOWN TO SHELVE AT 70" A.F.F. TO PATCH PANEL FOR DATA (VERIFY IN FIELD)

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:

^			
/1\	4-27-21	PLAN REVIEW COMMENTS	
MARK	DATE	DESCRIPTION	
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PROJECT NO: 20397

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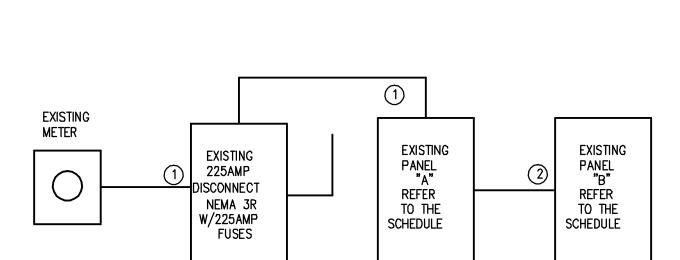
E-2

NOTES:

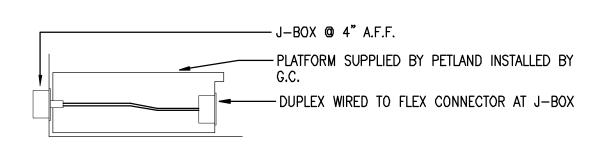
- THE CONTRACTOR SHALL, FURNISH ALL LABOR MATERIALS AND EQUIPMENT FOR THE COMPLETE INSTALLATION
- 2. NOT USED
- 3. ALL SWITCHES ARE TO BE @ 46" AFF. AND ARE TO BE 20A 120/277V 'T' RATED SPEC. GRADE TYPE.
- 4. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2014 EDITION OF THE NEC AND THE LATEST EDITION 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 WIRING 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.

	FEED POS			OUNTI			NO.	_A ENCLOSURE	225A MAIN BREAKER	
SEF	RVICE VOLTAGE	120/208V/3PH/4W	_PA	NEL (DESCRI	PTION	Ę	XISTING 225MP PANEL		
СВ	WIRE & CONDUIT	LOAD SERVED	CKT#	LO,	AD WA ⁻	TTS øC	CKT#	LOAD SERVED	WIRE & CONDUIT	СВ
.OA	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 /
0A 1F	2-#12 THW & 1 #12 G, 3/4" C.	GARBAGE DISPOSAL	3	1200	1000 527	1000	4	OFFICE & R.R. LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
	2-#12 THW & 1 #12 G, 3/4" C.	DISHWASHER	5	720	327	1000 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.		123	1000	007	8	NIGHT LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
0A 1E	2-#12 THW & 1 #12 G, 3/4" C.	PUPPY DRYER	9	123 (1000 574	400	10	SALES AREA LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P 20A 1P
JA 1F	2-#12 THW & 1 #12 G, 3/4" C.	WATER HEATER	11	E00	374	180 533	12	SALES AREA LIGHTS	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
0A 1F	2-#12 THW & 1 #12 G, 3/4" C.	KENNEL FRIDGE	115	500 1500	1.22	555	14	DRYER	3-#12 THW & 1 #12 G, 3/4" C.	20A
0A 1F	2-#12 THW & 1 #12 G, 3/4" C.	PANEL BOARD RECEPT.	15	טטט (180	\ \	16	DRIER	3-412 1111 & 1 412 8, 3/4 C.	2P
0A 1F	2-#12 THW & 1 #12 G, 3/4" C.	SOFFIT RECEPTS.	17	000	1500	360	18	KENNEAL EXHAUST FAN	2-#12 THW & 1 #12 G, 3/4" C.	20A
0A 1P	2-#12 THW & 1 #12 G, 3/4" C.	OFFICE RECEPTS.	19	900 500		1656	20	WASHER	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
	2-#12 THW & 1 #12 G, 3/4" C.	RESTROOMS RECEPTS.	[21]	500 (360	5.40	22	CASHWRAP QUAD	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
0A 1F	2-#12 THW & 1 #12 G, 3/4" C.	EWC	23	000	360	360	24	CASHWRAP QUAD	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
0A/1F	2-#12 THW & 1 #12 G, 3/4" C.	FLOOR RECEPTS./QUADS	ZD	900 360	ļ	360	26	CASHWRAP QUAD	2-#12 THW & 1 #12 G, 3/4" C.	20A
0A 1F	2-#12 THW & 1 #12 G, 3/4" C.	STORE FRONT SIGN	27	J00 (1200	\ \ 	28	TIME CLOCK	2-#12 THW & 1 #12 G, 3/4" C.	20A
0A 1F	2-#12 THW & 1 #12 G, 3/4" C.	CEILING RECEPTS.	29	700	100	360	30	CEILING RECEPTS.	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
0A 1F	2-#12 THW & 1 #12 G, 3/4" C.	SUPPORT RM. QUADS	1311	720 100	1	720	32	DOOR BUZZER	2-#12 THW & 1 #12 G, 3/4" C.	20A
	2-#12 THW & 1 #12 G, 3/4" C.	SUPPORT RM. RECEPT.	33	100 (180	\	34	MISC. RECEPTS.	2-#12 THW & 1 #12 G, 3/4" C.	20A
0A 1F	2-#12 THW & 1 #12 G, 3/4" C.	MISC. RECEPTS.	35	700	720	540 540	36	RTU RECEPTS.	2-#12 THW & 1 #12 G, 3/4" C.	20A 1P
0A 1F	2-#12 THW & 1 #12 G, 3/4" C.	MISC. RECEPTS.) /	720 8712	\ _) 10	38			225Å/
		SPACE	39	0/12	0	1	40	PANEL 'B'	4-#4/0 THW & 1 #2 G, 2 1/2" C.	
		SPACE	41	ı	8712	0	42			3P
	TIME CLOCK	TOTALS		17055	16413	8712 16388			·	

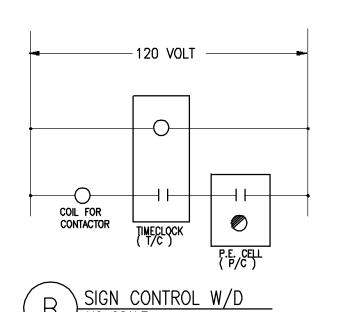
	— SER	FEED PC	SITION						B Existing 225		225A MAIN BREAKER	
	СВ	WIRE & CONDUIT	LOAD SERVED	CKT#	LO øA	AD WA	TTS øC	CKT#	LOAD) SERVED	WIRE & CONDUIT	СВ
Н	45A 3P 45A	4-#8 THW & 1 #10 G, 1" C.	RTU-1	1 3 5	2904 2904 2904	2904 2904	2904 2904	2 4 6			4-#8 THW & 1 #10 G, 1" C.	45A 3F
Н	45A /	4-#8 THW & 1 #10 G, 1" C.	RTU-3	7 9 11	0	2904 0	2904		SPACE SPACE			
			SPACE SPACE SPACE	13 15 17	0	0	} } o	14 16 18	SPACE			
			SPACE SPACE SPACE	19 21 23	0	0	0	20 22 24				
			SPACE SPACE SPACE	25 27 29	0	0	0	26 28	SPACE SPACE SPACE			
			SPACE SPACE SPACE	31 33	0	0	0 0	32 34 -36	SPACE SPACE			
			SPACE SPACE SPACE	35 37 39 41	0	0	0	38 40	SPACE SPACE SPACE			
	Н	HACR BREAKER	TOTAL	1	8712	8712	0 8712	42	SPACE			
								Т	OTAL LOAD) WATTS <u>26,</u>	136	

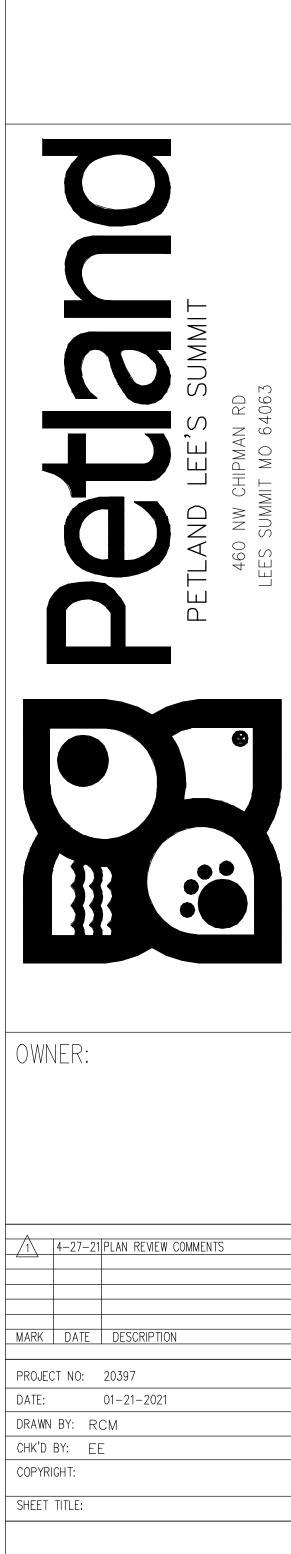


- 1) EXISTING TO BE REUSED AS IS
- (4) #4/0 THW
 (2) #2 COPPER GRO
- RISER DIAGRAM
 S C A L E : N.T.S.









E-3