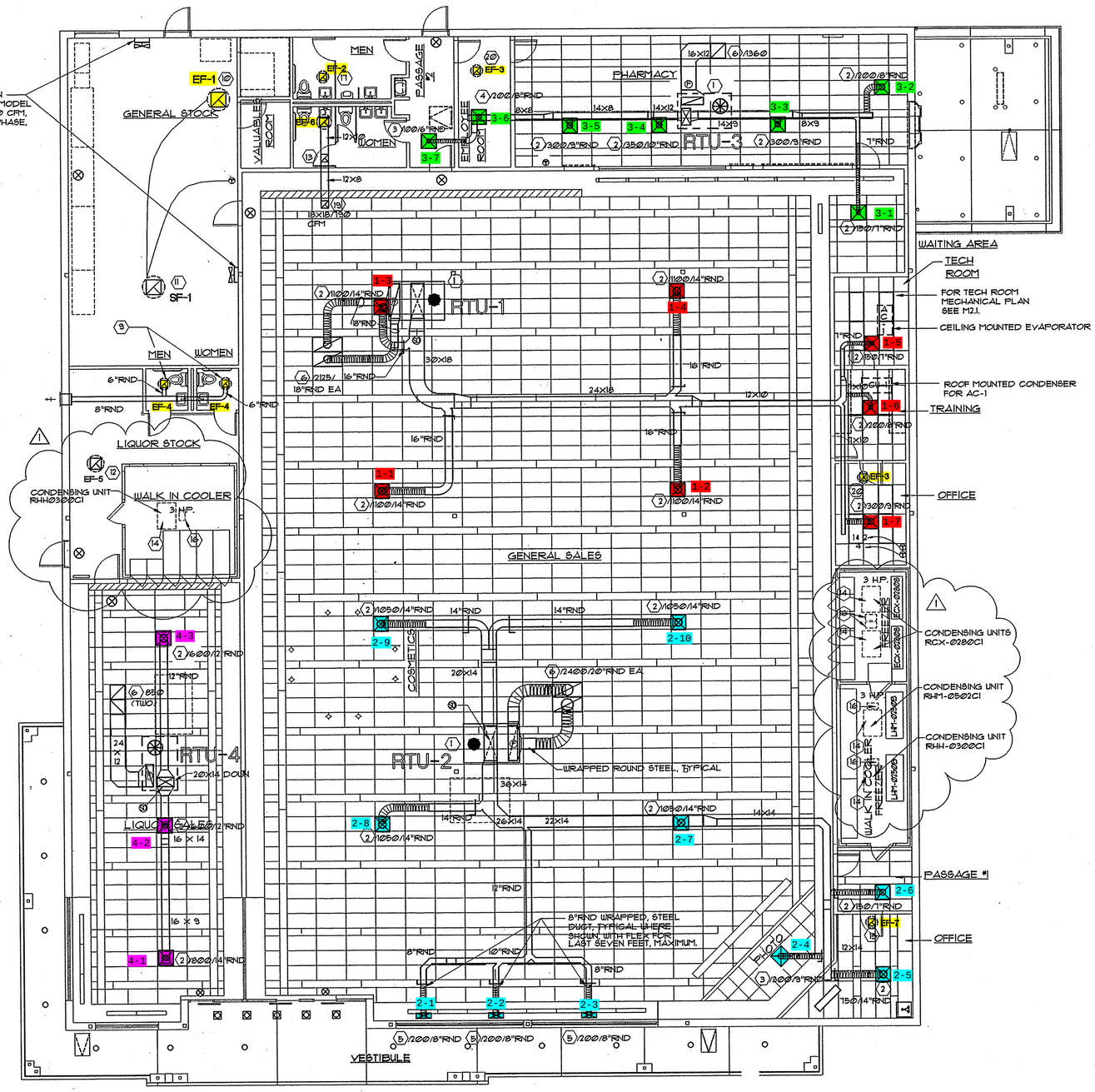

MECHANICAL PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES

1 – ALL WORK SHOWN TO COMPLY WITH ALL NATIONAL, STATE AND LOCAL CODES, ORDINANCES, ETC.

2 – SEE ALL OTHER DRAWINGS AND WALGREENS SPECIFICATIONS FOR ADDITIONAL WORK OR CLARIFICATION OF NECESSARY WORK.

3 – PROVIDE 3/4" ROUND STEEL ROD IN ALL OPENINGS GOING THRU ROOF OR WALL (12"x12" OR LARGER EXCEPT SCUTTLE), ON 6' CENTER IN BOTH DIRECTIONS, FOR BURGLAR PROOFING. (SEE 8 M-2).

4 – ALL FRESH AIR INTAKES ON ROOF SHALL BE LOCATED A MINIMUM OF 15'-0" AWAY FROM ANY EXHAUST DUCT OR BLOWER DISCHARGE.

5 – HVAC ROOF-TOP UNIT TO INCLUDE FLEXIBLE CONNECTIONS, TURN VANES, AND VIBRATION ELIMINATORS, AS REQUIRED. OUTSIDE AIR INTAKE TO BE SIZED FOR A MINIMUM OF 100% OUTSIDE AIR FOR ECONOMIZER SYSTEMS. SEE GENERAL NOTE #1/M-2 FOR MORE INFORMATION.

6 – ALL DUCTWORK TO BE GALVANIZED SHEET METAL. (LINED DUCTWORK WILL NOT BE ACCEPTED)

7 – ALL HVAC SUPPLY & RETURN AIR DUCTS SHALL HAVE 2", 3/4 LB. DENSITY INSULATION. SEE SPECIFICATIONS, SECTION 150, FOR ADDITIONAL INFORMATION.

8 – EACH HVAC UNIT TO HAVE ITS OWN CONTROLS. SEE DRAWING ME1.1 FOR HVAC CONTROL WIRING DIAGRAM AND SPECIFICATION.

9 – PROVIDE CONDENSATE DRAIN WITH TRAP, AS SHOWN ON DETAIL 8/M-2, FOR EACH HVAC UNIT (AS REQUIRED).

10– ALL HVAC SYSTEMS TO BE BALANCED (BY AN INDEPENDENT CERTIFIED AIR BALANCE CONTRACTOR WITH A MINIMUM OF 5 YEARS EXPERIENCE) AFTER COMPLETION OF WORK.

11– STOCKROOM FANS TO BE INTERLOCKED AND ON THERMOSTAT. SET: "ON" AT 80 DEGREE F., "OFF" AT 70 DEGREE F.

12– PROVIDE 3" FLUE TO ROOF (WITH WEATHER CAP) FOR GAS FIRED WATER HEATER (IF APPLICABLE), SEE DETAIL 9/M-2.

13– EQUIPMENT MANUFACTURER SHALL PROVIDE ON EACH NEW WALGREEN STORE, FACTORY SUPERVIZED "CHECK, TEST & START" SERVICE, UTILIZING STANDARD WALGREEN FORMS AS PROVIDED BY FACILITIES PLANNING AND DESIGN DEPARTMENT. HVAC CONTRACTOR SHALL VERIFY COMPLIANCE WITH PLANS AND SPECIFICATIONS AND SHALL FORWARD TO THE WALGREEN CO., COMPLETED C.T.S. FORMS, ALONG WITH THREE COPIES OF SERVICE AND INSTALLATION MANUALS, PARTS LIST AND ALL RELATED WARRANTIES. SUBMITTAL SHALL BE IN BOOK FORM AND APPLICABLE TO ACTUAL EQUIPMENT INSTALLED.

14– HVAC UNITS MUST BE INSTALLED LEVEL ON ROOF.

15– THERMOSTAT SENSOR WIRING TO BE RUN INSIDE PIPE COLUMNS.

16– DO NOT INSTALL SUPPLY AIR DIFFUSERS IN CEILING PANEL ADJACENT TO ROWS OF LIGHT FIXTURES. (SALES ONLY.)

17– FLEXIBLE DUCT LENGTH NOT TO EXCEED A MAXIMUM OF 7'-0".

18– SUPPLY AND/OR RETURN AIR PLENUMS WILL NOT BE ACCEPTED.

19– NOT USED.

20– RUN ALL CONDENSATE DRAINS BELOW ROOF TO REAR WALL THEN OUT AND DOWN TO GRADE. INSTALL 36" X 36" X 24" DEEP DRYWELL BENEATH DOWNSPOUT UNLESS AN APPROVED SURFACE EXISTS ON WHICH TO DRAIN. COORDINATE WITH LOCAL BUILDING OFFICAL AND SITE PLANS PRIOR TO BID SUBMISSION.

21– DEVATION FROM MATERIALS, METHODS OR PROCEDURES SET FORTH HEREIN MUST BE APPROVED, IN WRITING, BY THE ENGINEER OF RECORD PRIOR TO BID, ORDER, FABRICATION OR INSTALLATION.

MECHANICAL KEYED NOTES

1. HVAC ROOF-TOP UNIT, SEE GENERAL NOTES (ABOVE) AND SCHEDULE ON DRAWING M-2 FOR ADDITIONAL INFORMATION.
2. S.A.D., FOUR WAY AIR PATTERN , WITH ADJUSTABLE DEFLECTION AND OPPOSED BLADE DAMPERS. CFM AND SIZE AS NOTED. SEE DETAIL 1/M-2.
3. S.A.D., FOUR WAY AIR PATTERN , WITH ADJUSTABLE DEFLECTION AND OPPOSED BLADE DAMPERS. MOUNT AT GYP. BOARD CEILING. CFM AND SIZE AS NOTED. SEE DETAIL 1/M-2.
4. S.A.D. THERMA-FUSER HC, THERMALLY POWERED VARIABLE AIR VOLUME (VAV) DIFFUSER. CFM AND SIZE AS NOTED.
5. S.A.G., WITH ADJUSTABLE DEFLECTION AND OPPOSED BLADE DAMPERS. CFM AND SIZE AS NOTED. SEE DETAIL 2/M-2.
6. R.A.G., 0 DEGREE DEFLECTION. CFM AND SIZE AS NOTED. SEE DETAIL 3/M-2.
7. NOT USED.
8. NOT USED.
9. CEILING EXHAUST FANS. EXTEND 6" DUCT FROM EACH TO 8" AND TO 16X8 SCREENED BLOCK VENT AT SIDEWALL. PROVIDE 8"RND TO 16X8 TRANSITION. SEE ALL CONNECTIONS AND TRANSITIONS.
10. 26" X 26" DUCT COMING DOWN FROM EXHAUST FAN ON ROOF CONNECTING TO 30" X 30" REGISTER BELOW JOISTS.
11. 29" X 29" DUCT COMING DOWN FROM SUPPLY FAN ON ROOF CONNECTION TO 36" X 36" REGISTER BELOW JOISTS.
12. 12"X8" DUCT DOWN FROM EXHAUST FAN TO 12X12 REGISTER BELOW JOIST. TRANSITION FROM FAN TO DUCT AND DUCT TO GRILLE AS NECESSARY. REGISTER SHALL BE EQUAL TO TITUS MADEL 50F.
13. ROOF EXHAUST FAN WITH 12"X10" DUCT DOWN THROUGH ROOF, EXTEND 12"X5" DUCT DOWN TO TITUS 50F, 12"X12" EXHAUST GRILLE IN BATHROOM CEILING. TRANSITION FROM 12"X10" TO 12"X8" AND CONTINUE 12"X8" DUCT HORIZONTALLY, AS INDICATED ON PLANS, TO 18"X18" TITUS 50F EXHAUST GRILLE.
14. ROOF-TOP COMPRESSOR FOR WALK-IN COOLER/FREEZER. SEE DRAWING M-2.1 FOR ADDITIONAL INFORMATION.
15. ROOF EXHAUST FAN (WITH BACK DRAFT DAMPER), WITH 10"X10" EXHAUST DUCT BETWEEN FAN AND SCREENED ROOF CAP. TRANSITION FROM EXHAUST DUCT TO EXHAUST FAN AS REQUIRED, CFM AS NOTED. PROVIDE TITUS 50F EXHAUST GRILLE, 12"X12". TRANSITION FROM DUCT TO GRILLE AS NECESSARY.
16. ROOF CURB FOR WALK-IN COOLER/FREEZER COMPRESSOR REFRIGERANT AND ELECTRICAL LINES. SEE DETAIL 7/M-2.
17. ROOF EXHAUST FAN (WITH B.D.D.) WITH 12"X6" EXHAUST DUCT BETWEEN FAN AND 12X12 EXHAUST GRILLE,(TITUS 50F) TRANSITION FROM FAN TO DUCT AND DUCT TO GRILLE AS NECESSARY.
18. NOT USED.
19. 12"X6" DUCT FROM EF-6 FOR 790 CFM FOR BALANCING OF SALES AREA PER ASHRAE 62-1989.
20. EXHAUST FAN (WITH BACK DRAFT DAMPER), WITH 8"X8" EXHAUST DUCT UP THROUGH ROOF TO ROOF FAN. TRANSITION FROM EXHAUST DUCT TO EXHAUST FAN AS REQUIRED, CFM AS NOTED. PROVIDE TITUS 50F EXHAUST GRILLE, 12"X12". TRANSITION FROM DUCT TO GRILLE AS NECESSARY.

Alfonso Architects
Registered Architect No. 11552
Corporate No. C001672
4900 S.W. 74 Court
Miami, Florida 33155
305/663-9889

PROJECT TYPE

DRAWINGS/SPECIFICATIONS BY:
■ LANDLORD'S CONSULTANT

ALL CONSTRUCTION WORK,UNLESS NOTED OTHERWISE,BY:
□ WALGREENS' CONTRACTOR
■ LANDLORDS'S CONTRACTOR (TURNKEY CONSTRUCTION)

STORE		BUILDING	
NEW.	■	NEW.	■
REMODELING.	□	EXISTING.	□
RELOCATION.	□	NEW SHELL ONLY.	□
OTHERS.	□		

LEGEND

CEILING SUPPLY DIFFUSER	⊠	VOLUME DAMPER	
CEILING RETURN	⊠	RIGID SUPPLY DUCT	
EXHAUST FAN	S	FLEXIBLE DUCT	
THERMOSTAT	T	SMOKE DETECTOR	SD
FIRESTAT	F	FLOW DIRECTION	

To the best of my knowledge, said plans and specifications comply with the applicable minimum building codes and the applicable minimum fire safety standards as determined in Accordance with Chapters 553 and 633, Laws of Florida, and Sarasota County Ordinances 88-111."

NO.	DATE	BY	DESCRIPTION	CONST.
			ISSUED FOR WALGREENS REVIEW	
1	2/2/95	NJG	PER WALGREENS	

REVISIONS

CERTIFICATION AND SEAL

I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA AS SIGNIFIED BY MY HAND AND SEAL.

Mechanical Design Concepts, Inc.
Consulting Engineers (813) 443-3313
604 Phillies Street
Clearwater, Florida 34616
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Engineering Firm No. EB-0006565
Registered Engineer No. 21212
Project No. 94128

PROJECT NAME

NEC U.S. #41 &
STICKNEY POINT RD.
SARASOTA, FLORIDA

DRAWING TITLE

REFLECTED CEILING PLAN AND SPECIFICATIONS

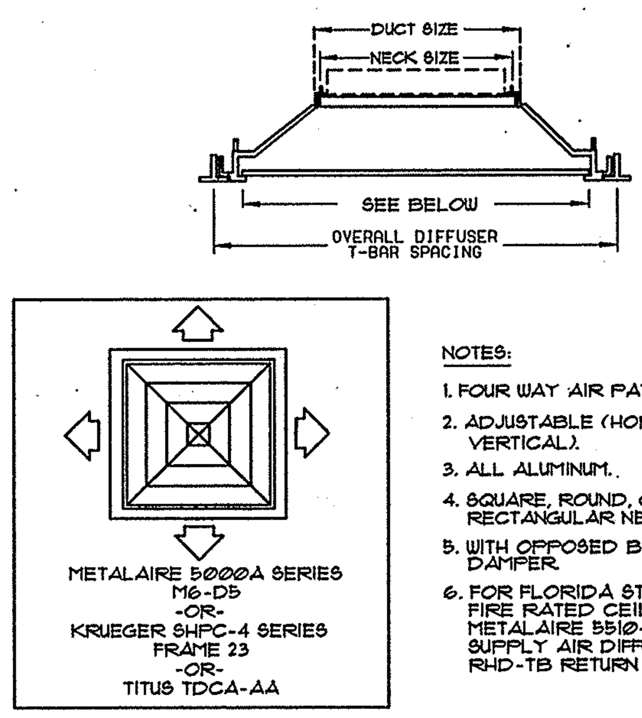
DATE 12-21-94	STORE NO. 053-03606	DRAWING NO. 4092A1-2 3624 1/8"	
DRAWN BY: MJM	SCALE: 1/8"=1'-0"	M1.1	
REVIEWED BY: T.A.F.	RELEASED TO CONSTRUCTION: 2/16/95	OF DWGS.	

JANUARY 1, 1994

GENERAL MECHANICAL NOTES

1. ECONOMIZER IS NOT REQUIRED WHEN LISTINGS IN THE LATEST EDITION OF ASHRAE FUNDAMENTALS HANDBOOK DESIGN DRY-BULB IS 97°F AND ABOVE OR THE MEAN COINCIDENT WET-BULB IS 78 F°AND ABOVE.
2. SEE SECTION 15F IN SPECIFICATIONS FOR AIR CONDITIONING AND HEATING CONTROLS.
3. SEE ARCHITECTURAL DRAWING FOR HVAC UNIT ROOF CURB AND SUPPORT DETAIL.
4. ALL NON-AIR CONDITIONING COMPRESSORS LISTED WITH REFRIGERANT PIPING SHALL BE FURNISHED BY WALGREENS. ALL ELECTRICAL WORK (SEE DRAWING E1.2) AND PLUMBING WORK (SEE DRAWING P1.1), INCLUDING ROOF SUPPORTS, FURNISHED BY CONTRACTOR.
5. SEE ARCHITECTURAL DRAWING FOR ROOF-TOP COMPRESSOR CURB AND SUPPORT DETAIL.
6. PROVIDE PRECOOLER ON ALL HVAC UNITS, 10 TONS AND ABOVE, FOR LOCATIONS IN ARIZONA ONLY. PRECOOLER MANUFACTURED BY RESEARCH PRODUCTS CORPORATION (MADISON, WI.).
7. PROVIDE EVAPORATIVE COOLER IN STOCK AREA, FOR LOCATIONS IN ARIZONA AND NEW MEXICO (ALSO TEXAS, WHERE ASHRAE CRITERIA WET BULB TEMPERATURE IS LESS THAN 70 F). BALANCE EVAPORATIVE COOLER WITH STOCKROOM EXHAUST FAN FOR EQUAL AIR QUANTITY (OR LOW NEGATIVE PRESSURE). ACCEPTABLE MANUFACTURERS - ARVIN, ESSICK.
8. AIR CONDITIONING COMPRESSORS SHALL HAVE FIVE (5) YEAR WARRANTY. HEAT EXCHANGERS SHALL HAVE TEN (10) YEAR WARRANTY. WARRANTIES OR COPY OF WARRANTIES TO BE GIVEN TO WALGREENS' PROJECT ARCHITECT AT COMPLETION OF PROJECT.
9. SUBMIT HEATING AND COOLING LOAD CALCULATIONS TO WALGREENS' PROJECT ARCHITECT. A.C. LOAD CALCULATIONS MUST INCLUDE B.T.U. LOADS FOR ELECTRONIC EQUIPMENT. (1000 BTU/CASH REGISTER, 2000 BTU/COMPUTER, 500 BTU/PRINTER) 5300 BTU TOTAL FOR OFFICE, 14000 BTU TOTAL FOR PHARMACY AREA, PLUS FIVE(5) PEOPLE IN WAITNG AREA.

SUPPLY AIR DIFFUSER

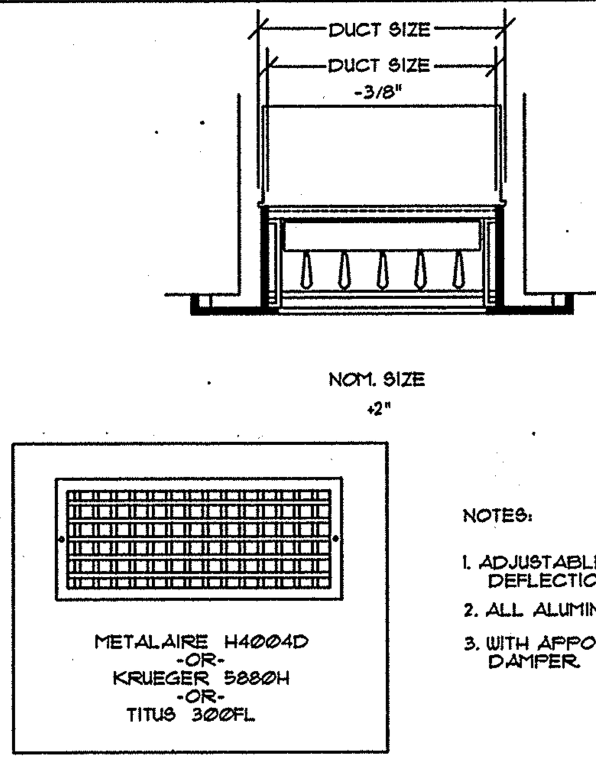


NOTES:
1. FOUR WAY AIR PATTERN.
2. ADJUSTABLE (HORIZONTAL/VERTICAL).
3. ALL ALUMINUM.
4. SQUARE, ROUND, OR RECTANGULAR NECK.
5. WITH OPPOSED BLADE DAMPER.
6. FOR FLORIDA STORES WITH FIRE RATED CEILING USE METALAIRE 5510-6-FRS SUPPLY AIR DIFFUSERS AND RHD-TB RETURN AIR GRILLES.

(NO SUBSTITUTION ACCEPTED FOR METALAIRE, KRUEGER, AND TITUS)

1 / M2.1

SUPPLY AIR GRILLE



NOTES:
1. ADJUSTABLE, DOUBLE DEFLECTION.
2. ALL ALUMINUM.
3. WITH APPOSED BLADE DAMPER.

(NO SUBSTITUTION ACCEPTED FOR METALAIRE, KRUEGER, AND TITUS)

2 / M2.1

FAN SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	AREA SERVED	TYPE	C.F.M.	R.P.M.	S.P.	AMPS	H.P.	VOLTS	PHASE	ACCESSORIES
EF-1	COOK	150-CAB	WHSE	ROOF EXHAUST	2058	- - -	.38	- - -	1/3	120	1 PH.	DISCONNECT, B.D.D.
EF-2	GREENHECK	GB-7-4	BATH		300	1625	.125		1/4			
EF-3	GREENHECK	GB-7-4	EMPLOYEE OFFICE		255	1465	.125		1/4			
EF-4	BROAN	676	BATH.	CEILING EXHAUST	110	----	.125		1/10			
EF-5	GREENHECK	G-80-G	WHSE	ROOF EXHAUST	450	1050	.125		1/4			
EF-6		G-90-G	SALES		790	1160	.125		1/4			
EF-7		SP-158	PHAR.		750	- - -	.2	3.3	- -			
SF-1	COOK	ASP-12	WHSE	ROOF SUPPLY	2400	- - -	.38	- - -	1/2			

ROOF-TOP UNIT SCHEDULE

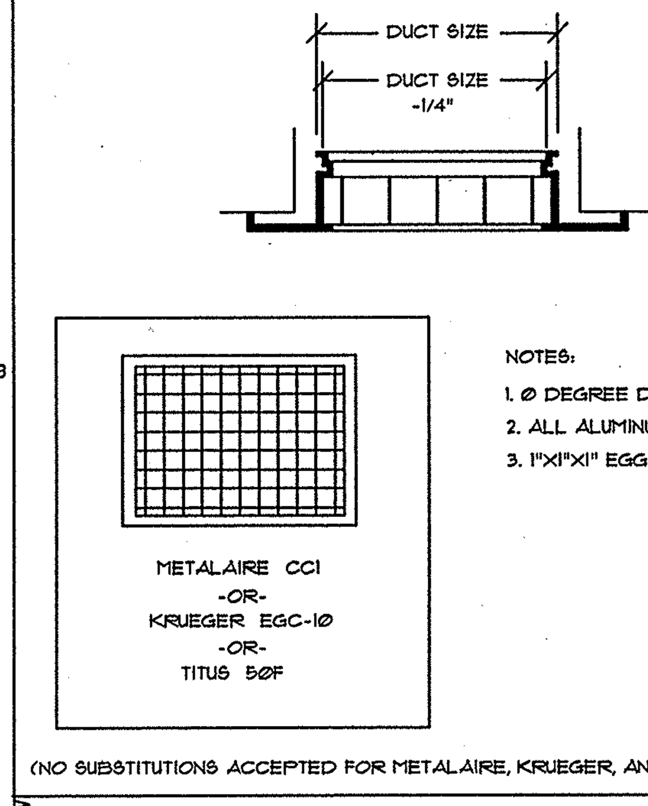
MARK	MANUFACTURER	MODEL	AREA SERVED	CFM	BTUH COOLING	BTUH HEATING (KW/VOLTS)	FAI	OUT FAN DATA NO. FLA(EA)	IND FAN DATA H.P.- FLA	COMPRESSOR DATA NO. RLA	ELECTRICAL DATA	EER	M.O.C.P. @208V.3P.	OPER. WEIGHT	MCA
RTU-1	TRANE	TCD150B3	SALES	5000	155,000	27.0 / 208 3P	600	2 3.2 EA.	3 10.6	2 243 EA.	208 / 230V. 3P	9.2	110	1350	108
RTU-2		TCD180B3	SALES	6000	183,000	27.0 / 208 3P	660	2 3.2 EA.	3 10.6	2 28.1 EA.		10.0	110	1825	108
RTU-3		TCD048C3	PHAR.	1600	48,900	9.0/208V.	240	1 - 2.1	.5 4.2	1 14.8		10.0	40	850	36.5
RTU-4		TCD060C3	LIQUOR	2000	64,000	13.0 / 208 3P	300	1 2.2	.4 2.7	1 18.6		10.0	60	860	52.0

ACCEPTABLES EQUALS - CARRIER, LENNOX, YORK.

-HVAC CONTRACTOR SHALL BE RESPONSABLE FOR ALL ADDITIONAL ELECTRICAL COST DUE TO SUBSITUTED EQUIPMENT, UNLESS COORDINATED WITH ELECTRICAL CONTRACTOR PRIOR TO COMMENCEMENT OF WORK AND APPROVED BY WALGREENS.

NOTE: IF PROJECT IS WITH-IN FIVE (5) MILES OF OCEAN, PROVIDE UNIT WITH STANDARD ALUMINUM FINS, AND COPPER TUBING COILS, ALONG WITH BRONZE GLOW 100 SERIES COIL TREATMENT WITH FIVE (5) YEAR WARRANTY.

RETURN AIR GRILLE

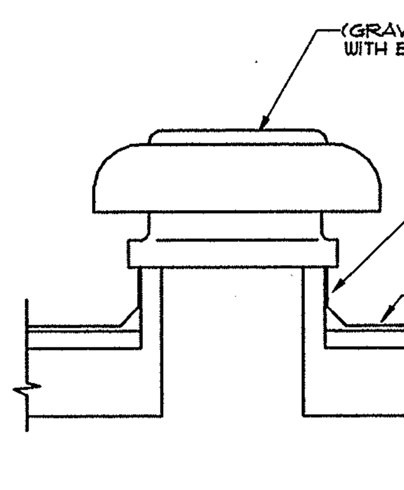


NOTES:
1. 0 DEGREE DEFLECTION.
2. ALL ALUMINUM.
3. 1"X1"X1" EGGCRATE GRID.

(NO SUBSTITUTIONS ACCEPTED FOR METALAIRE, KRUEGER, AND TITUS)

3 / M2.1

INTAKE VENTILATOR

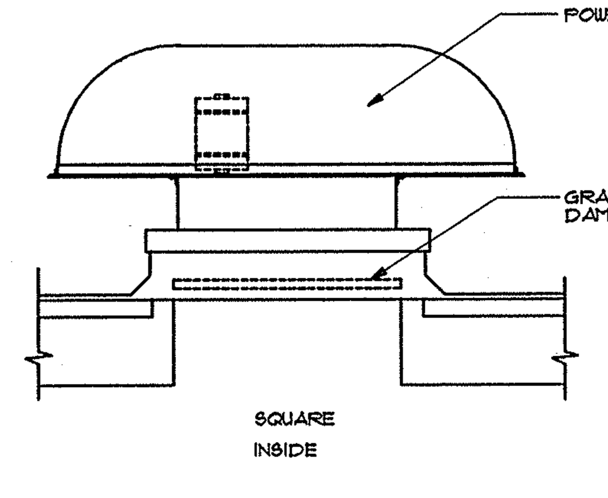


NOTE: PROVIDE BURGLAR PROOFING FOR OPENINGS 1'-0" OR LARGER. SEE DETAIL 8/M2.1.

MANUFACTURER: ACME, COOK, GREENHECK, JENN-AIRE OR PENN.

4 / M2.1

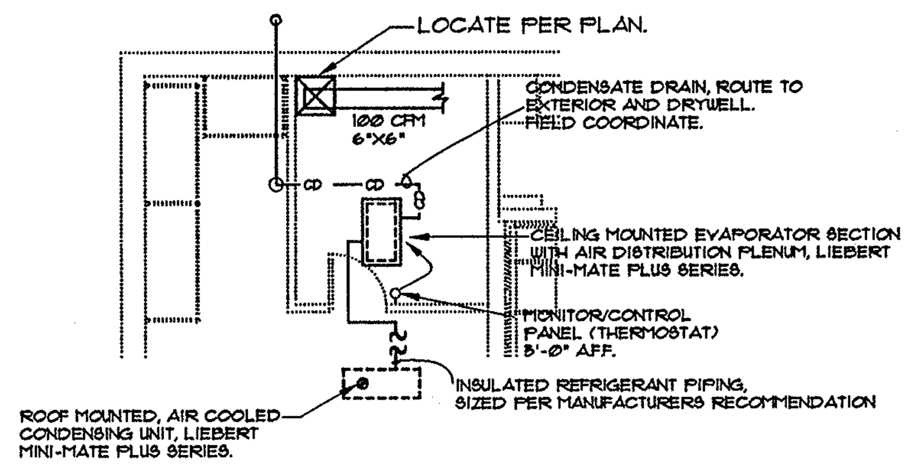
POWER ROOF FAN (EXHAUST OR SUPPLY)



NOTE:
1. PROVIDE POWERED BACKDRAFT DAMPERS FOR SUPPLY ROOF FAN.
2. PROVIDE BURGLAR PROOFING FOR OPENINGS 1'-0" OR LARGER. SEE DETAIL 8/M2.1.

MANUFACTURER: ACME, COOK, GREENHECK, JENN-AIRE OR PENN.

5 / M2.1



TECH ROOM - MECHANICAL PLAN

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

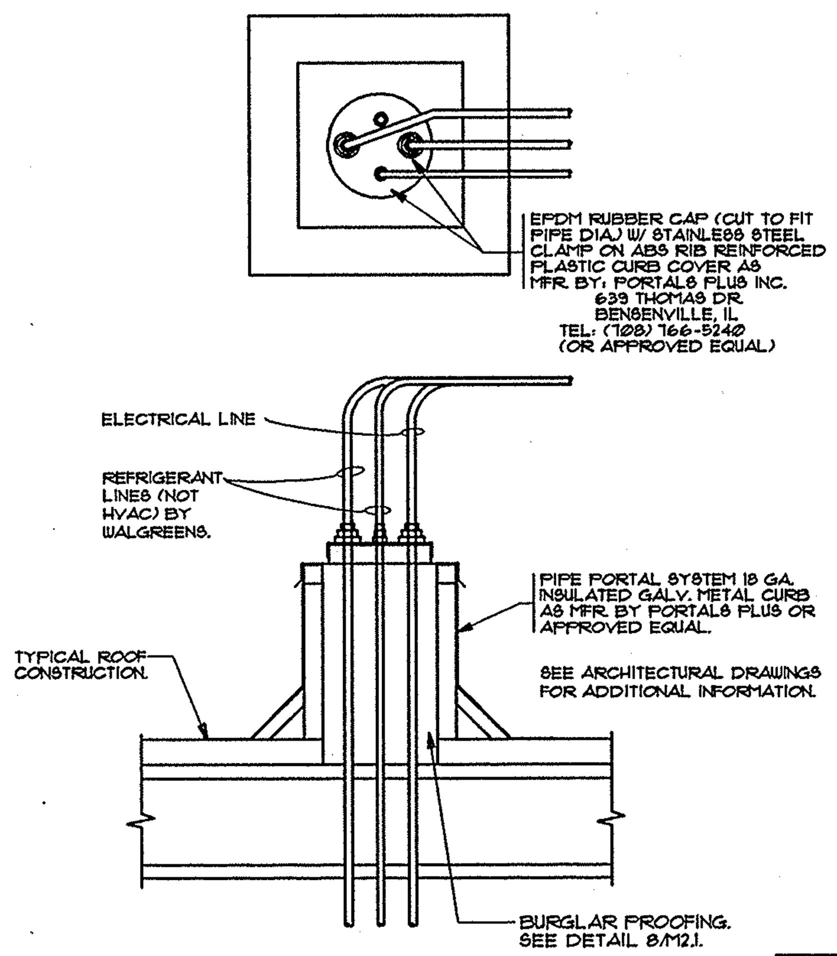
NOTES:
1. THIS DRAWING IS FOR REFERENCE ONLY. VERIFY EXACT CONFIGURATION FOR EACH SPECIFIC PROJECT.
2. PROVIDE TECH ROOM WITH A SEPARATE, CEILING MOUNTED LIEBERT MINI-MATE SERIES, ENVIRONMENTAL CONTROL SYSTEM WITH WALL MOUNTED MONITOR/CONTROL PANEL. EVAPORATOR SHALL BE MODEL MME024E WITH RE-HEAT 29.6 FLA, 40 A FUSE. CONDENSER SHALL BE MODEL DMC027A 14.1 FLA, 25 A FUSE. BOTH UNITS ARE 208/230V. 1PH.
3. DO NOT LOCATE LIEBERT UNIT OR ROUTE CONDENSATE DRAIN SUPPLY ABOVE ELECTRONIC EQUIPMENT SHELVING OR ELECTRICAL EQUIPMENT.

OUTSIDE AIR CALCULATION

PER ASHRAE 62 - 1989

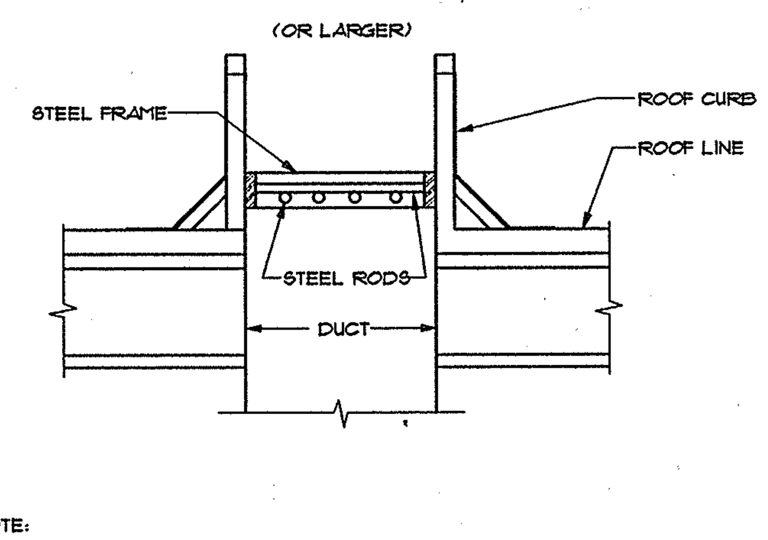
NET OCCUPIABLE SPACE: 5500 S.F.
5500 X 3 = 1650 CFM OUTDOOR AIR REQUIRED
TOTAL OUTDOOR AIR PROVIDED: 1,800 CFM

ROOF CURB FOR COMPRESSOR PIPING



7 / M2.1

BURGLAR PROOFING



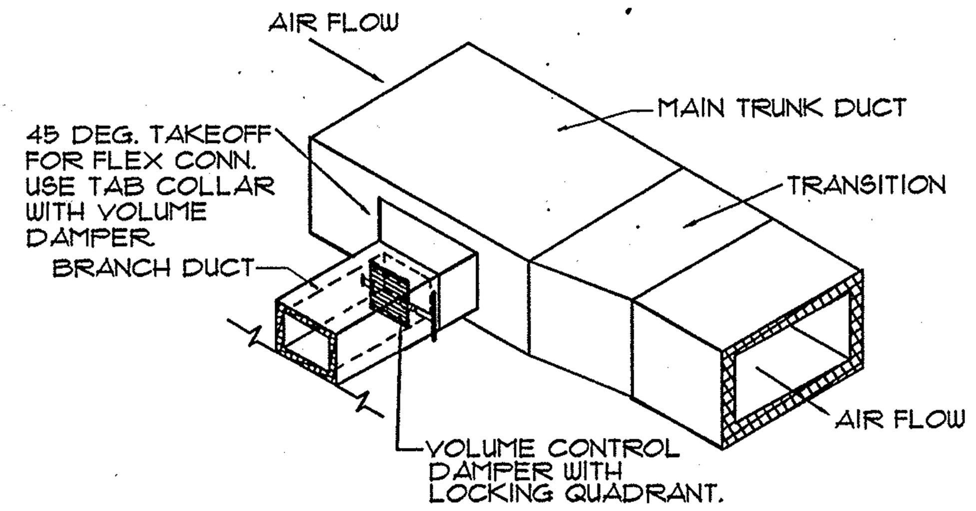
NOTE:
2" X 3/8" STEEL WELDED FRAME, ALL SIDES, WITH 3/4" DIA. STEEL RODS ON 6" CENTERS (MAX.) IN BOTH DIRECTIONS, WELDED TO FRAME AND EACH OTHER. ANCHOR FRAME TO CURB WITH 1/2" DIA. TAMPER-PROOF STEEL BOLTS, ON 6" CENTERS (MAX.), MINIMUM 2 PER SIDE.

8 / M2.1

TOTAL AIR BALANCE SCHEDULE (OCCUPIED AREAS)

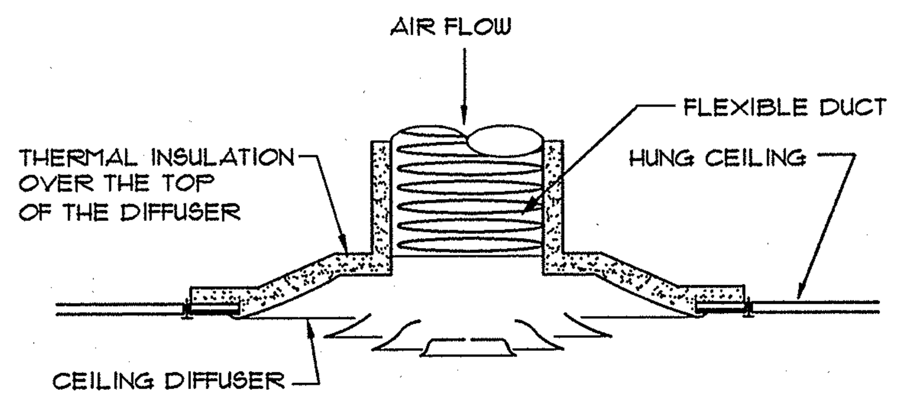
FRESH AIR		EXHAUST AIR	
RTU-1	600	EF-2	300
RTU-2	660	EF-3	255
RTU-3	240	EF-4 (2)	220
RTU-4	300	EF-6	1090
TOTAL	1800	TOTAL	1865

RELITIVE PRESSURE 65 CFM NEGATIVE.



BRANCH TAKEOFF DETAIL

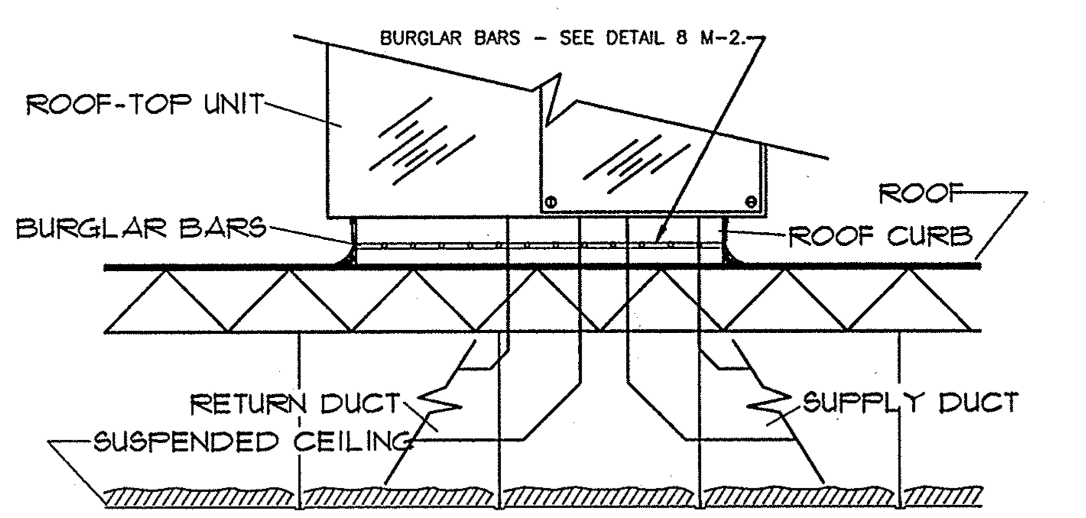
NOT TO SCALE FOR DIAGRAMATIC PURPOSES ONLY.



CEILING DIFFUSER DETAIL

N.T.S. FOR DIAGRAMATIC PURPOSES ONLY.

NOTES:
- TAPE INNER COIL OF FLEX TO THE DIFFUSER COLLAR. TAPE COMPLETELY AROUND TO ASSURE AN AIR TIGHT SEAL.
- PULL FLEX INSULATION AND OUTER COVER DOWN OVER GRILLE COLLAR AND SECURE TO COLLAR WITH "PANDUIT", OR EQUAL, STRAPPING SYSTEM.
- STRETCH FLEX TIGHT BETWEEN DUCT AND DIFFUSER TO AVOID KINKS. SUPPORT EVERY FOUR FEET.
- NO HORIZONTAL FLEX RUNS ALLOWED.



DIAGRAMATIC DUCT TAKE-OFF DETAIL

NOT TO SCALE

NOTE: THIS DETAIL IS FOR DIAGRAMATIC PURPOSES ONLY AND IS INTENDED TO SHOW THE 45 DEGREE TRANSITION ANGLE BETWEEN DOWN DUCT OF RTU TO HORIZONTAL DUCT RUN TO CEILING SPACE. THIS IS DONE TO ACHIEVE BETTER AIR FLOW.

Alfonso Architects
Registered Architect No. 11552
Corporate No. C001672
4900 S.W. 74 Court
Miami, Florida 33155
305/663-9889

PROJECT TYPE

DRAWINGS/SPECIFICATIONS BY:
- ■ LANDLORD'S CONSULTANT

ALL CONSTRUCTION WORK,UNLESS NOTED OTHERWISE,BY:
- ☐ WALGREENS' CONTRACTOR
- ■ LANDLORDS'S CONTRACTOR (TURNKEY CONSTRUCTION)

STORE	BUILDING
NEW ■	NEW ■
REMODELING ☐	EXISTING ☐
RELOCATION ☐	NEW SHELL ONLY ☐
OTHERS ☐	

LEGEND

CEILING SUPPLY DIFFUSER	VOLUME DAMPER
CEILING RETURN	FIRE DAMPER
EXHAUST FAN	SMOKE DAMPER
THERMOSTAT	RIGID SUPPLY DUCT
FIRESTAT	FLEXIBLE DUCT
SIDEWALL RETURN GRILLE	SMOKE DETECTOR
SIDEWALL SUPPLY GRILLE	FLOW DIRECTION

"To the best of my knowledge, said plans and specifications comply with the applicable minimum building codes and the applicable minimum fire safety standards as determined in accordance with Chapters 553 and 633, Laws of Florida, and Sarasota County Ordinances 88-111."

NO.	DATE	BY	DESCRIPTION	CONST.
			ISSUED FOR WALGREENS REVIEW	

REVISIONS

CERTIFICATION AND SEAL

I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA AS SIGNIFIED BY MY HAND AND SEAL.

Mechanical Design Concepts, Inc.
Consulting Engineers (813) 443-5163
804 Pinellas Street
Clearwater, Florida 34616
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Engineering Firm No. EB-0005865
Registered Engineer No. 22812
Project No. 94100

PROJECT NAME

NEC U.S. #41 &
STICKNEY POINT RD.
SARASOTA, FLORIDA

DRAWING TITLE

REFLECTED CEILING PLAN AND SPECIFICATIONS

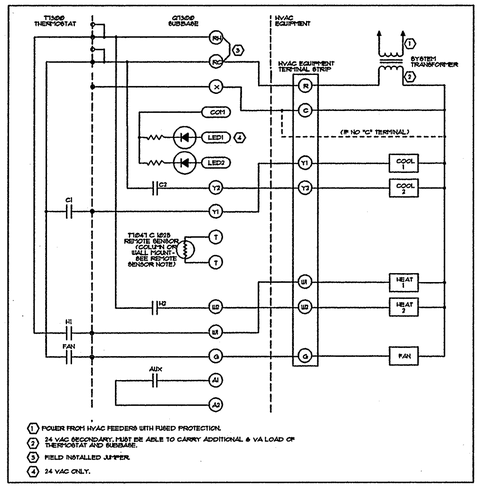
DATE	12-21-94	STORE NO. 053-03606	DRAWING NO. 4092A1-2 36,24 1/8"
DRAWN BY:	MJM	SCALE: 1/8"=1'-0"	M2.1
REVIEWED BY:	T.A.F.	RELEASED TO CONSTRUCTION: 2/10/95	OF DWGS.

JANUARY 1, 1994

2436

BILL OF MATERIAL			
THE FOLLOWING CONTROLS TO BE FURNISHED BY TEMPERATURE CONTROL CONTRACTOR			
NO.	QUANTITY	MAKE	REMARKS
T1	1 (PER UNIT)	HONEYWELL T1075B1006	-20°F TO 80°F SCALE 1 DEGREE DIFFERENCE (USE AS COMPRESSOR LOCKOUT SET AT 50°F).
T2	1 (PER UNIT)	HONEYWELL T1300A1005 MODEL G1300A1018	NOTE: FOR PHARMACY UNIT USE T1300/G1300B1008
	1 (PER UNIT)	HONEYWELL T1041C1025	REMOTE SENSOR (NOTE: EXCEPT PHARMACY UNIT)

REMOTE SENSOR NOTE:
REMOTE SENSOR (T1041C1025) IS TO BE MOUNTED ON COLUMN (OR WALL), 6'-0" UP, WITH THE SUBBASE (T/G1300) LOCATED IN OFFICE. CONNECT REMOTE SENSOR TO T-T TERMINALS OF SUBBASE VIA TWO (2) #16 AWG WIRES. SEE CONTROL WIRING DIAGRAM. (NOTE: NOT TO INCLUDE PHARMACY UNIT.)



1. POWER FROM HVAC FEEDERS WITH FUSED PROTECTION.
2. 24 VAC SECONDARY. MUST BE ABLE TO CARRY ADDITIONAL 6 VA LOAD OF THERMOSTAT AND SUBBASE.
3. FIELD INSTALLED JUMPER.
4. 24 VAC ONLY.

T1300/G1300 (CONFIGURED FOR 2H-2C) USED IN SINGLE TRANSFORMER, 2 STAGE HEATING/ 2 STAGE COOLING SYSTEM WITHOUT ECONOMIZER.

HVAC CONTROL DIAGRAM (EACH UNIT)
NOTE:
ABOVE WIRING DIAGRAM ARRANGEMENT IS APPLICABLE FOR PROJECTS WITHOUT THE ECONOMIZER SYSTEM.

" NO SUBSTITUTIONS FOR HONEYWELL "
(CONTROLS WITH OTHER NAMEPLATES, SUCH AS LENNOX AND YORK, WHICH ARE MADE BY HONEYWELL AND PERFORM EXACTLY AS HONEYWELL ARE ACCEPTABLE)

PROGRAM

1) COOLING 76°F 2) HEATING 72°F	OCCUPIED
1) COOLING 85°F 2) HEATING 60°F	NOT OCCUPIED
(NOTE: ENTRANCE HEATER NOT OCCUPIED TEMPERATURE TO BE SET AT 50°)	
1) COOLING 80°F 2) HEATING 68°F	NOT OCCUPIED PHARMACY
OCCUPIED (ON) 8 AM UNOCCUPIED (OFF) 10 PM	

Alfonso Architects
Registered Architect No. 11552
Corporate No. C001672
4900 S.W. 74 Court
Miami, Florida 33155
305/663-9889

PROJECT TYPE

DRAWINGS/SPECIFICATIONS BY:
■ LANDLORD'S CONSULTANT

ALL CONSTRUCTION WORK, UNLESS NOTED OTHERWISE, BY:
□ WALGREENS' CONTRACTOR
■ LANDLORDS'S CONTRACTOR (TURNKEY CONSTRUCTION)

STORE	BUILDING
NEW. ■	NEW. ■
REMODELING. □	EXISTING. □
RELOCATION. □	NEW SHELL ONLY. □
OTHERS. □	

LEGEND

CEILING SUPPLY DIFFUSER	⊠	VOLUME DAMPER	
CEILING RETURN	▨	RIGID SUPPLY DUCT	
EXHAUST FAN	(S)	FLEXIBLE DUCT	
THERMOSTAT	(T)	SMOKE DETECTOR	(SD)
FIRESTAT	(F)	FLOW DIRECTION	

To the best of my knowledge, said plans and specifications comply with the applicable minimum building codes and the applicable minimum fire safety standards as determined in accordance with Chapters 553 and 633, Laws of Florida, and Sarasota County Ordinances 88-111."

NO.	DATE	BY	DESCRIPTION	CONST.
			ISSUED FOR WALGREENS REVIEW	

REVISIONS

CERTIFICATION AND SEAL

I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA AS SIGNIFIED BY MY HAND AND SEAL.

Mechanical Design Concepts, Inc.
Consulting Engineers (813) 443-3143
804 Pinellas Street
Clearwater, Florida 34616

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Engineering Firm No. EB-0005665
Registered Engineer No. 23812
Project No. 94109

PROJECT NAME
NEC U.S. #41 &
STICKNEY POINT RD.
SARASOTA, FLORIDA

DRAWING TITLE
HVAC CONTROL WIRING DIAGRAMS

DATE 12-21-94
DRAWN BY: MJM
REVIEWED BY: T.A.F.
STORE NO. 03-03606
SCALE: 1/8"=1'-0"
RELEASED TO CONSTRUCTION: 4/10/95
DRAWING NO. 4092A1-2 36.24 1/8"
M2.2
OF DWGS.