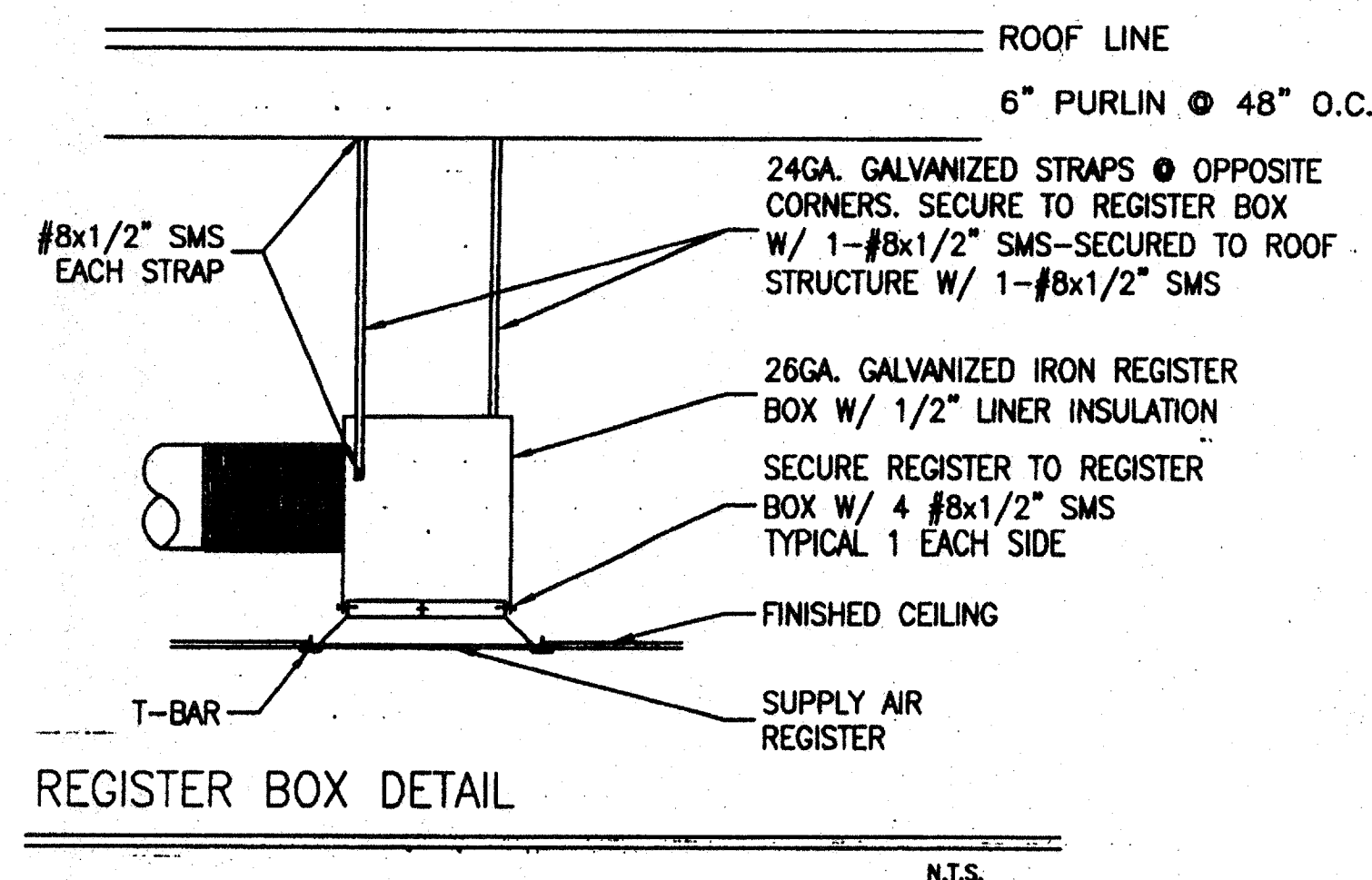


AIR CONDITIONING PLAN VIEW 24'x40' BUILDING
TYP. OF 1 BUILDING. SCALE: 1/4" = 1'-0"



EQUIPMENT & MATERIAL SCHEDULE

AC 1 MARVAIR MODEL# AVP42HPA05NB WALL MOUNTED HEAT PUMP
42,500 BTUH COOLING, SEER = 10.20
42,500 BTUH HEATING, HSPF = 6.60
1,400 CFM NOMINAL @ 2" S.P., WT. = 545 LBS.
208/230V-1PH-60CY, MAX. F.L.A. = 48.53 AMPS
WITH FACTORY MOTORIZED DAMPER

SUPPLY AIR PLENUM: GALV. IRON SHEETS W/ 1/2" LINER INSULATION

INTERIOR DUCTWORK: FLEX DUCT CLASS 1 UL-181

REGISTER BOXES: GALV. IRON SHEETS W/ 1/2" LINER INSULATION

SUPPLY AIR REGISTERS: METALAIRE '7650-6' SERIES

RETURN AIR GRILLES: METALAIRE 'RH' SERIES

THERMOSTAT: WHITE RODGERS '1F92' SERIES

ATTACH ALL SUPPLY AND RETURN AIR REGISTERS TO REGISTER BOXES WITH 4-#8x1/2" S.M.S. - ATTACH REGISTER BOX TO ROOF STRUCTURE WITH 2-1 1/2" GALV. STRAPS AT OPPOSITE CORNERS

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LEGEND AND ABBREVIATIONS

—	SUPPLY DUCT	↔	DIRECTIONAL AIR FLOW
- - -	RETURN DUCT	↔	BAROMETRIC RELIEF DAMPER THRU WALL
12"	NUMBER INDICATES DUCT SIZE	↔	UNDERCUT DOOR
☐	RETURN REGISTER	⊙	BAROMETRIC RELIEF DAMPER THRU ROOF
☐	RETURN REGISTER	⊙	THERMOSTAT
☒	SUPPLY REGISTER	⊕	DAMPER
☐	EXHAUST FAN	⊖	EQUIPMENT CALLOUT: TOP = EQUIPMENT TYPE BOTTOM = IDENTIFICATION
☐	12"x12" HOLE THRU BEAM	E	ELECTRICAL LOCATION
☐	16"x12" HOLE THRU BEAM	CD	CONDENSATE DRAIN
◆	FIRE DAMPER	G	GAS LOCATION

MECHANICAL (HVAC) PLAN

(12-LIGHTS)
SCALE: 1/4" = 1'-0"

DATE SIGNED
APR 30 2003

PC
CBC 2001

REVISIONS

AGENCY TRACKING NO. 62231-267
FILE NO. 15-6
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JULIE C. EPPERT
No. C 2886
STATE OF CALIFORNIA

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DATE 5/19/03

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PERRIS, CALIF. 92571 FAX (909) 940-0427

PROJECT NUMBER:

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DRAWN BY: STKP-70
DATE: 05-22-03
CHECKED BY:
DATE:

CLASS LEASING INC STOCKPILE # 70
100-24 x 40 CLASSROOM BUILDINGS
4012-125 05-22-2003 80 MPH

MECHANICAL (HVAC) PLAN (12 LIGHTS)

MODTECH Index No.
M1.03