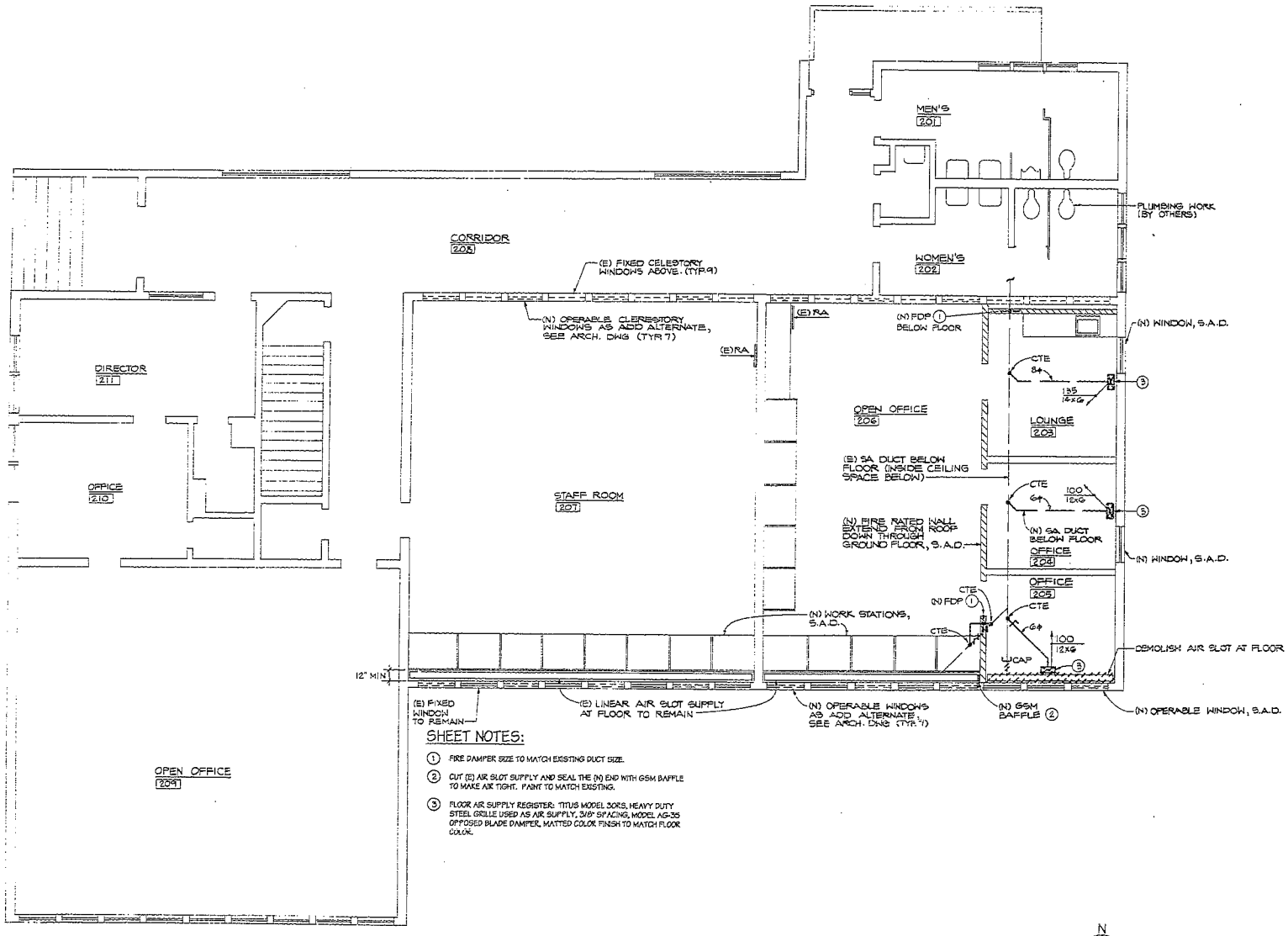


SHEET NOTES:

1. FIRE DAMPER SIZE TO MATCH EXISTING DUCT SIZE.
2. CUT (E) AIR SLOT SUPPLY AND SEAL THE (N) END WITH GSM BAFFLE TO MAKE AIR TIGHT. PAINT TO MATCH EXISTING.
3. FLOOR AIR SUPPLY REGISTER: TITUS MODEL 30RS, HEAVY DUTY STEEL GRILLE USED AS AIR SUPPLY, 3/8" SPACING, MODEL AG-35 OPPOSED BLADE DAMPER, MATTED COLOR FINISH TO MATCH FLOOR COLOR.

1 SECOND FLOOR PLAN-HVAC

LERNER & NATHAN ARCHITECTS
818 Brannan Street, Suite 203
San Francisco, CA 94103
Phone 415/863-5475

PLANS APPROVAL DIVISION
REVISION
RECEIVED
APR 12 1994
ACCEPTANCE OF THIS PLAN MEETS THE QUALITY REQUIRED FOR MECHANICAL ACCEPTANCE

APPROVED
Dept. of Public Works
1 JUL 05 1994

REGISTERED PROFESSIONAL ENGINEER
GARGE M. NAHAS
No. M2-4951
06-30-94
MECHANICAL
STATE OF CALIFORNIA

G. M. Lim & Associates
Mechanical Consulting Engineers
1376 Sutter Street, Suite 210
San Francisco, CA 94109
(415) 931-2962 Fax (415) 931-2528

WESTSIDE CRISIS CENTER
RENOVATION
Westside Community Mental Health Center
CRISIS & OUTPATIENT PROGRAM

888 TURK STREET
SAN FRANCISCO, CA

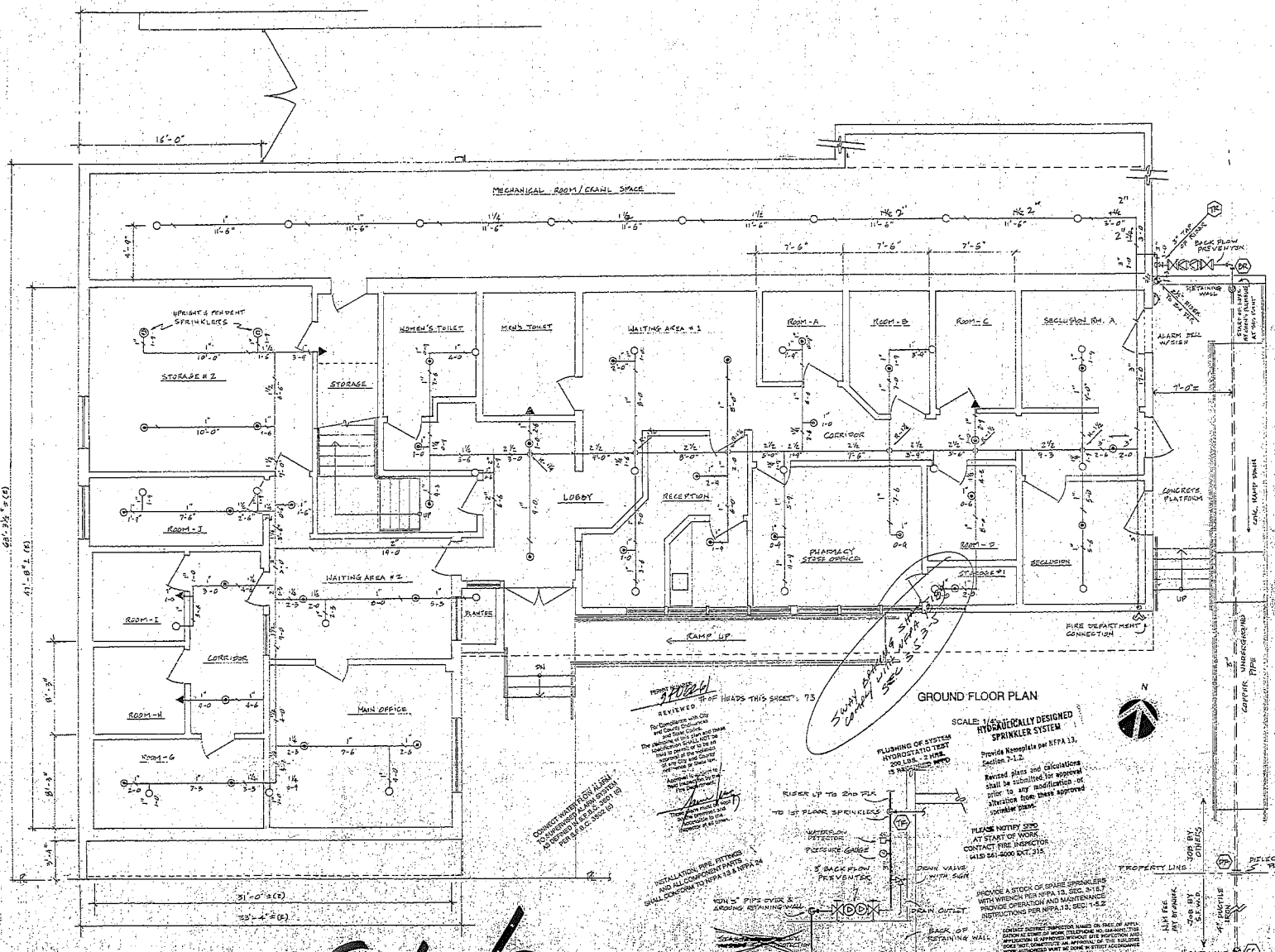
REVISIONS

NO.	DATE	REVISION	BY
0		90% SECOND FLOOR, SUBMISSION	GL

SHEET TITLE
SECOND FLOOR PLAN-HVAC

SCALE: 1/4" = 1'-0"
DATE: 3/29/94
DRAWN BY: NH
CHECKED BY: GML
JOB NO.:

SHEET NO.
M-4
OF SHEETS


MECHANICAL ROOM / CRAWL SPACE
UPRIGHT & PENDENT SPRINKLERS
STORAGE # 2
STORAGE
WOMEN'S TOILET
MEN'S TOILET
WAITING AREA # 1
ROOM-A
ROOM-B
ROOM-C
SECLUSION RM. A
CORRIDOR
LOBBY
RECEPTION
PHARMACY STORE OFFICE
ROOM-D
SECLUSION
STORAGE #1
ROOM-J
WAITING AREA # 2
PLANTER
ROOM-I
CORRIDOR
ROOM-H
MAIN OFFICE
ROOM-G
RAMP UP
FIRE DEPARTMENT CONNECTION
CONCRETE PLATFORM
RETAINING WALL
ALARM BELL W/SIREN
BACK FLOW PREVENTER
CONC. RAMP SPACE
CAPITAL UNDERGROUND PIPE
PROPERTY LINE
DIELECTRIC FLANGE
POINT OF CONNECTION
CITY MAIN
GATE VALVE
4" DUCTILE IRON
GROUND FLOOR PLAN
SCALE: 1/4" = 1'-0"
HYDRAULICALLY DESIGNED SPRINKLER SYSTEM
Provide Nameplate per NFPA 13, Section 7-1.2.
Revised plans and calculations shall be submitted for approval prior to any modification or alteration from these approved sprinkler plans.
PLUMBING OF SYSTEM HYDROSTATIC TEST 200 LBS. - 2 HRS. IS REQUIRED
RISER UP TO 2ND FLR
TO 1ST FLOOR SPRINKLERS
WATERFLOW DETECTOR
PRESSURE GAUGE
3" BACK FLOW PREVENTER
DRAIN VALVE WITH SIGN
DRAIN OUTLET
BACK OF RETAINING WALL
RUN 5" PIPE OVER & AROUND RETAINING WALL
2" COPPER LINE TO 2" BUSTLE FITTING TO CITY CONNECTION (SEE DETAIL AT RIGHT)
RISER DIAGRAM
NOT TO SCALE
PLEASE NOTIFY SFFD AT START OF WORK CONTACT FIRE INSPECTOR (415) 561-8000 EXT. 215
PROVIDE A STOCK OF SPARE SPRINKLERS WITH WRENCH PER NFPA 13, SEC. 3-10.7 PROVIDE OPERATION AND MAINTENANCE INSTRUCTIONS PER NFPA 13, SEC. 1-5.2
Any electrical or plumbing work will require appropriate separate permits.
CONNECT WATER FLOW ALARM TO SUPERVISED ALARM SYSTEM AS DEFINED IN S.F.S.D.S. 2001 (B) PER S.F.F.C. 2002 (B)
INSTALLATION, PIPE, FITTINGS AND ALL COMPONENT PARTS SHALL CONFORM TO NFPA 13 & NFPA 24
SPRINKLER SYMBOL LEGEND
SYMBOL DESCRIPTION QNTY
STD. PENDENT SPRINKLER, HEAD, 165°F, 1/2 ø, K=5.6 RELIABLE, MODEL-G 95
STD UPRIGHT SPRINKLER HEAD 165°F, 1/2 ø, K=5.6 RELIABLE, MODEL-G 24
UPRIGHT & PENDENT SPRINKLER (COUNT AS TWO) 4
SIDE WALL SPRINKLER 5
TOTAL 128
GENERAL SPRINKLER NOTES
- DESIGN AND INSTALLATION PER N.F.P.A. #13: 1989 EDITION & S.F.F.D.
- HANGERS AND BRACES PER N.F.P.A. #13: 1989 ED. SECTION 3.13
- SPRINKLER SYSTEM DESIGN PER LIGHT HAZARD OCCUPANCY
- PIPE SIZES BASED ON HYDRAULIC CALCULATIONS AND AS INDICATED ON DRAWINGS. NO CHANGES ALLOWED WITHOUT DESIGNER'S APPROVAL.
- ALL MATERIALS TO BE NEW & U.L. LISTED
- TEST PIPING TO 200 PSI FOR 2 HOURS MINIMUM
- NOTIFY FIRE DEPARTMENT 48 HOURS PRIOR TO INSPECTIONS
- PROTECTION OF SPRINKLER HEADS FROM PAINT BY OTHERS
- PAINTING OF ANY EXPOSED SPRINKLER PIPE BY OTHERS, IF REQUIRED.
- ELECTRICAL WIRING OF ALARM BELL BY OTHERS
- ALL OVERHEAD PIPE IS TO BE LIGHTWALL STANDARDS STEEL
- 2 1/2" PIPE TO BE SCH. 10 STEEL
HYDRAULIC INFORMATION
OCCUPANCY: LIGHT HAZARD
DESIGN DENSITY: 0.10 GPM/SQ.FT.
AREA-PER SPRINKLER: 15' X 15'
AREA OF APPLICATION: 1500 SQ. FT
SYSTEM DEMAND:
WATER SUPPLY:
STATIC: 74 PSI
RESIDUAL: 64 PSI
FLOW: 750 GPM
APPROVED
JUN 10 1994
RECEIVED
WESTSIDE CRISIS CENTER RENOVATION
800 TURK ST., S.F., CA.
FIRE SPRINKLER SYSTEM PLAN
CHENG'S PLUMBING INC.
STATE LIC. #446-C-36
LICENSED CONTRACTOR
CHENG'S PLUMBING INC.
LIC. CLASSIFICATION C36 C16
LICENSE NO. 556412
STATE OF CALIFORNIA
FP-01
4-17-94
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