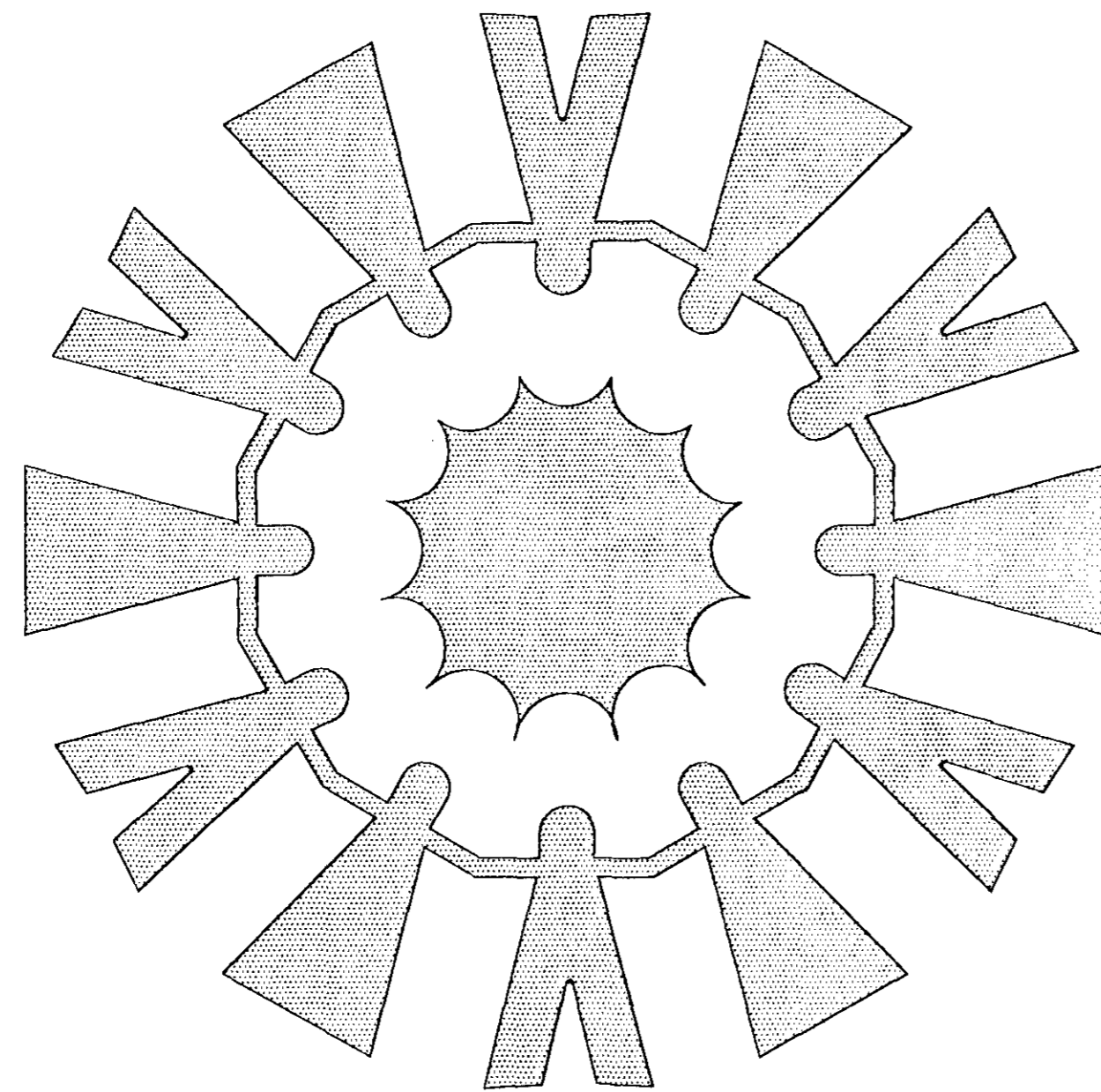


A RENOVATION TO TONY SUDEKUM HOMES

TN PROJECT NO. 005-005
COMPREHENSIVE GRANT PROGRAM
U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT



METROPOLITAN DEVELOPMENT & HOUSING AGENCY
NASHVILLE, TENNESSEE

AUGUST 3, 1993

WRJ PROJECT NO. 324-931-01

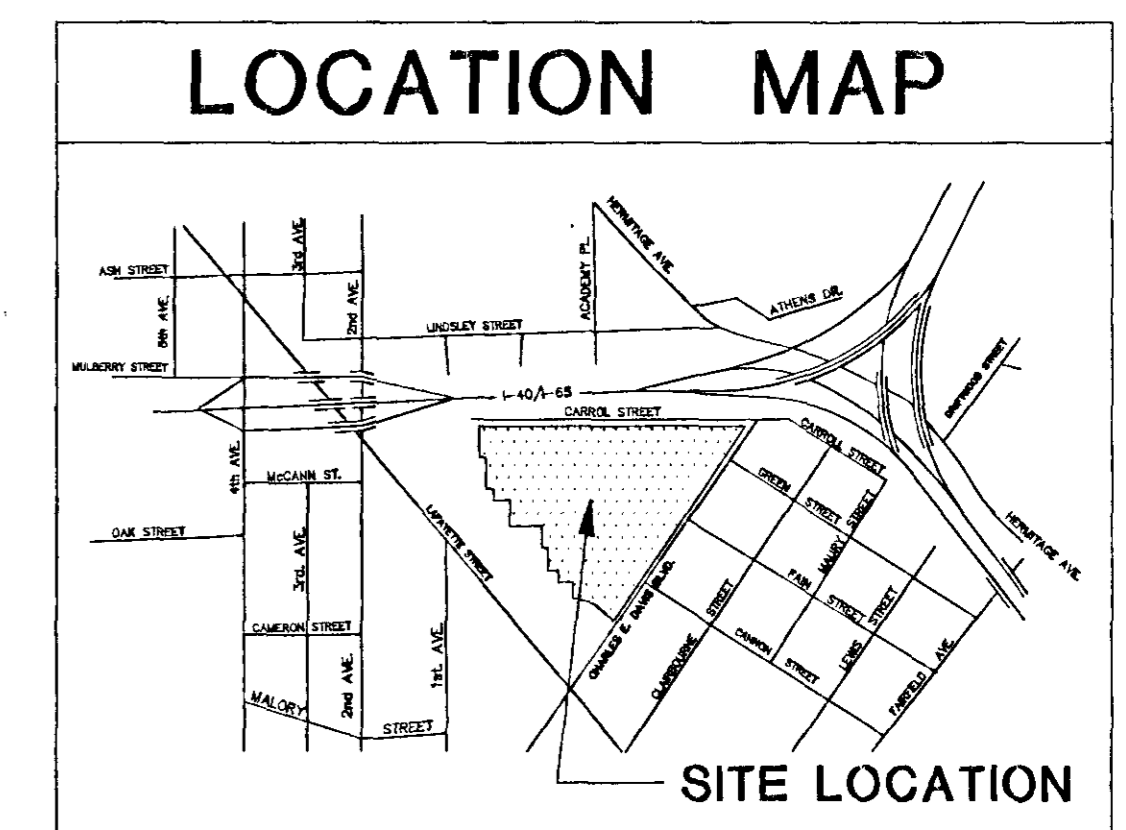
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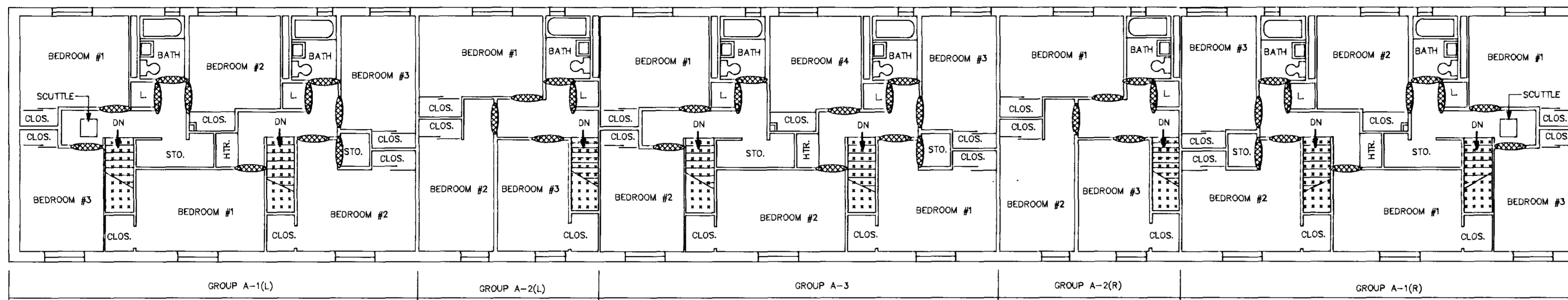
W williams • russell and johnson, inc.
engineers • planners • architects

Nashville Branch • Suite 450
220 Athens Way
Nashville, Tennessee 37208
Telephone 615/254-2170

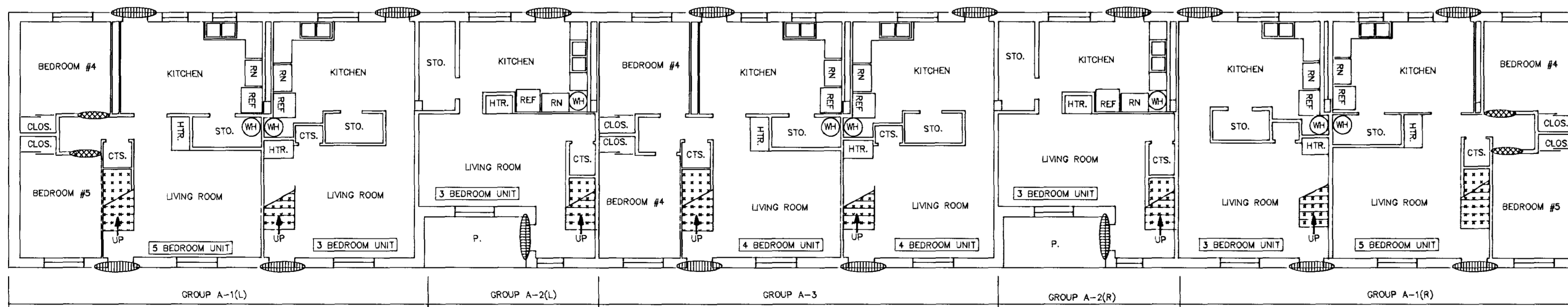
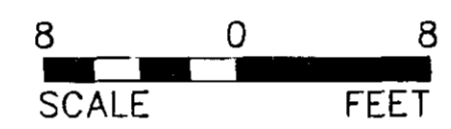
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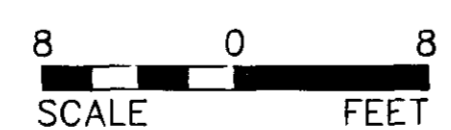




SECOND FLOOR PLAN (TYPE A)



FIRST FLOOR PLAN (TYPE A)



LEGEND

- LEAD BASED PAINT PRESENT ON STAIR RISERS AND HANDRAILS
- LEAD BASED PAINT PRESENT ON DOOR LINTELS
- LEAD BASED PAINT PRESENT ON DOOR JAMBS

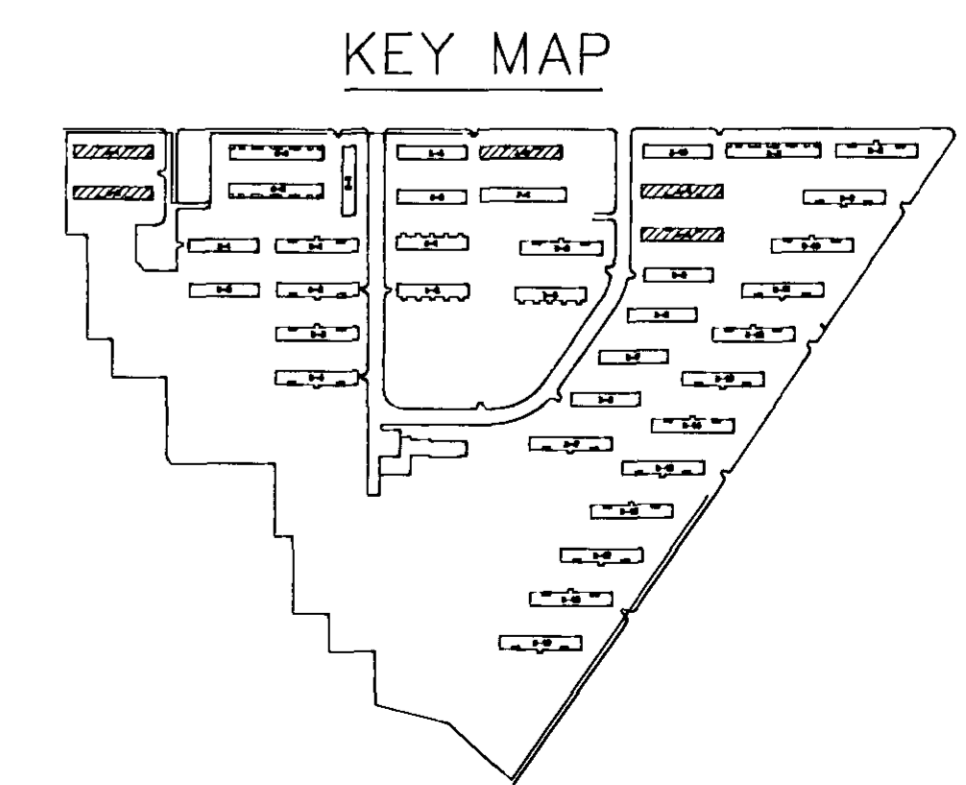
NOTE: REFER TO SHEET LP-7 FOR PHOTOGRAPHS OF TYPICAL STAIR RISERS AND DOOR LINTELS

SCOPE OF WORK

DRAWINGS PROVIDE LOCATION OF LEAD BASE PAINTED SURFACES. ABATEMENT OF THE PAINT SHALL BE AS FOLLOWS:

LOCATION	ABATEMENT TECHNIQUE
HANDRAILS	DISPOSE OF HANDRAIL
STAIR RISERS	ENCAPSULATE
DOOR LINTELS	ENCLOSE
DOOR JAMBS	ENCAPSULATE

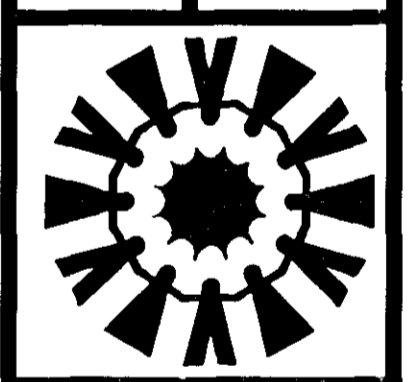
ENCLOSURE DETAILS PROVIDED ON ARCHITECTURAL DRAWINGS.



LAW ENGINEERING, INC.
 445 METROPOLY DRIVE
 NASHVILLE, TN 37211
 OFFICE 615-832-0613
 FAX 615-832-0863

DRAWN BY: CER CADD FILE NO.: 954-001
 CHECKED BY: MFC PLOT DATE: 6/18/93

TONY SUDEKUM HOME RENOVATION
 TN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



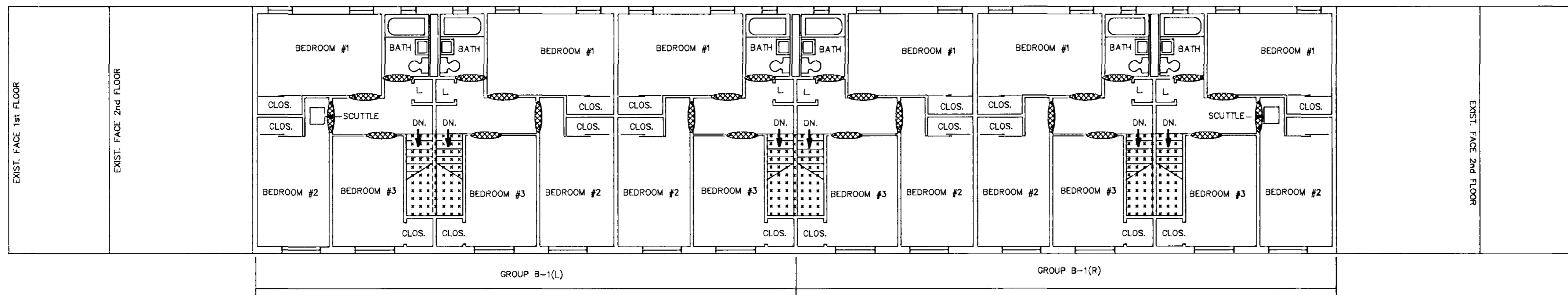
MICHEL F. CONNOR
 REGISTERED PROFESSIONAL ENGINEER
 COMMERCIAL
 No. 20032
 STATE OF TENNESSEE

LAW PROJECT No.: 413.93954.01
 DATE: 6/18/93

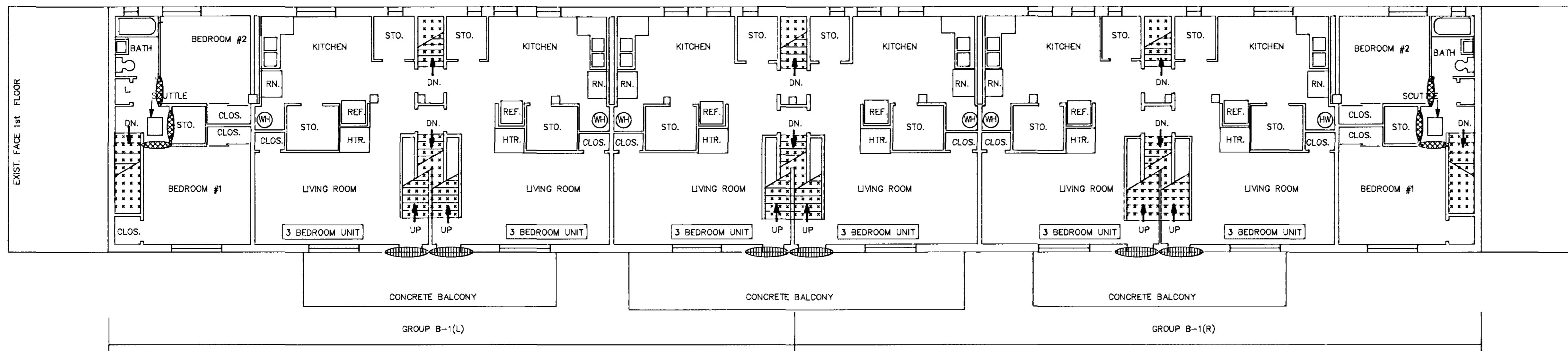
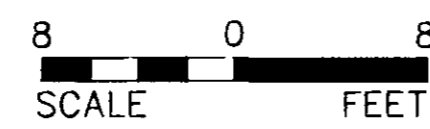
NO.	DATE	REVISION

SHEET TITLE
LBP-1

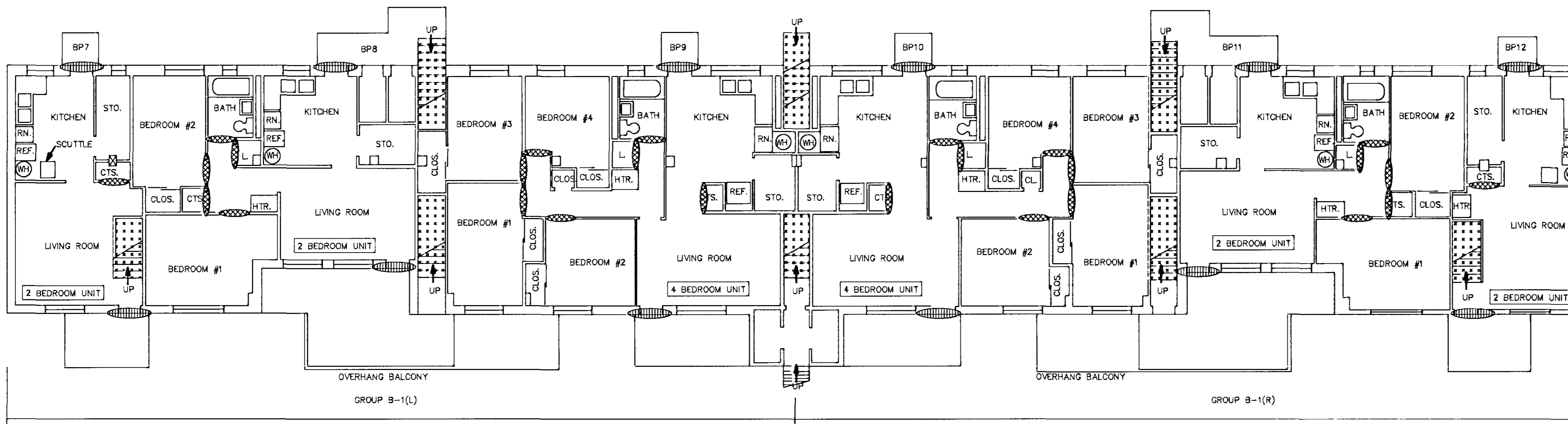
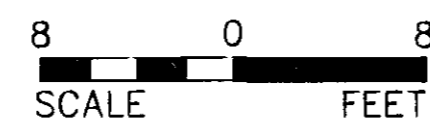
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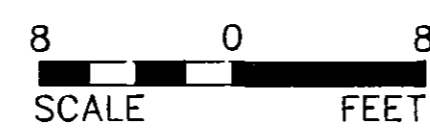
THIRD FLOOR PLAN (TYPE B)



SECOND FLOOR PLAN (TYPE B)



FIRST FLOOR PLAN (TYPE B)



LEGEND

LEAD BASED PAINT PRESENT ON STAIR RISERS AND HANDRAILS

LEAD BASED PAINT PRESENT ON DOOR LINTELS

LEAD BASED PAINT PRESENT ON DOOR JAMBS

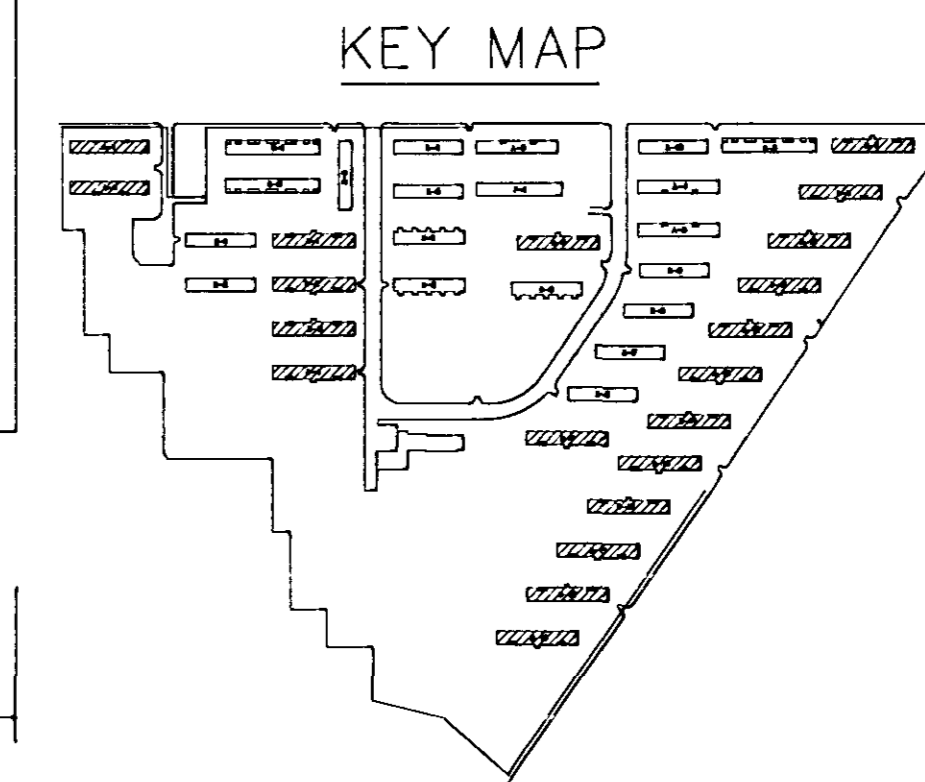
NOTE: REFER TO SHEET LP-7 FOR PHOTOGRAPHS OF TYPICAL STAIR RISERS AND DOOR LINTELS

SCOPE OF WORK

DRAWINGS PROVIDE LOCATION OF LEAD BASE PAINTED SURFACES. ABATEMENT OF THE PAINT SHALL BE AS FOLLOWS:

LOCATION	ABATEMENT TECHNIQUE
HANDRAILS	DISPOSE OF HANDRAIL
STAIR RISERS	ENCAPSULATE
DOOR LINTELS	ENCLOSE
DOOR JAMBS	ENCAPSULATE

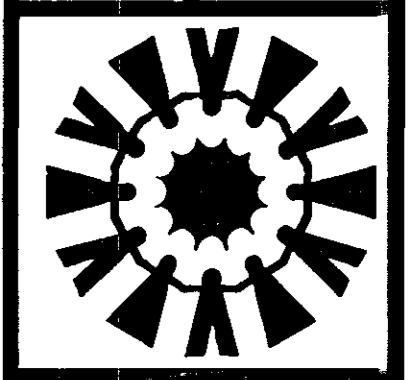
ENCLOSURE DETAILS PROVIDED ON ARCHITECTURAL DRAWINGS.



LAW ENGINEERING, INC.
 445 WILSON BLVD
 NASHVILLE, TN 37203
 OFFICE 615-832-0613
 FAX 615-832-0983

DRAWN BY: CER CADD FILE NO.: 954-001
 CHECKED BY: MFC PLOT DATE: 6/18/93

TONY SUDEKUM HOME RENOVATION
 TN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



LAW Project No.: 413.93954.01
 DATE: 6/18/93

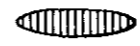
NO.	DATE	REVISION


SHEET TITLE
LBP-2

SOURCE: DRAWINGS PROVIDED BY WILLIAMS RUSSELL AND JOHNSON, INC.

LEGEND

 LEAD BASED PAINT PRESENT ON STAIR RISERS AND HANDRAILS

 LEAD BASED PAINT PRESENT ON DOOR LINTELS

 LEAD BASED PAINT PRESENT ON DOOR JAMBS

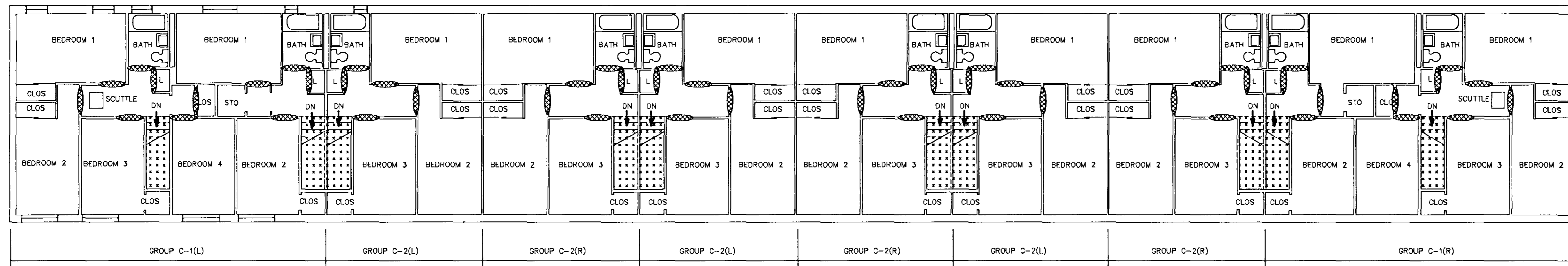
NOTE: REFER TO SHEET LP-7 FOR PHOTOGRAPHS OF TYPICAL STAIR RISERS AND DOOR LINTELS

SCOPE OF WORK

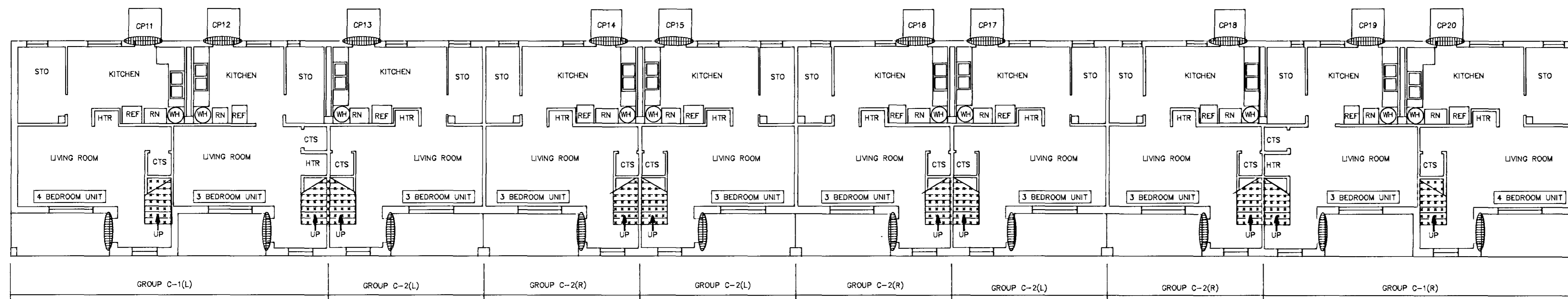
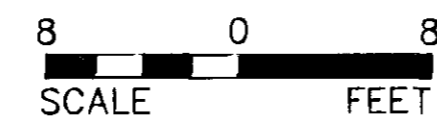
DRAWINGS PROVIDE LOCATION OF LEAD BASE PAINTED SURFACES. ABATEMENT OF THE PAINT SHALL BE AS FOLLOWS:

LOCATION	ABATEMENT TECHNIQUE
HANDRAILS	DISPOSE OF HANDRAIL
STAIR RISERS	ENCAPSULATE
DOOR LINTELS	ENCLOSE
DOOR JAMBS	ENCAPSULATE

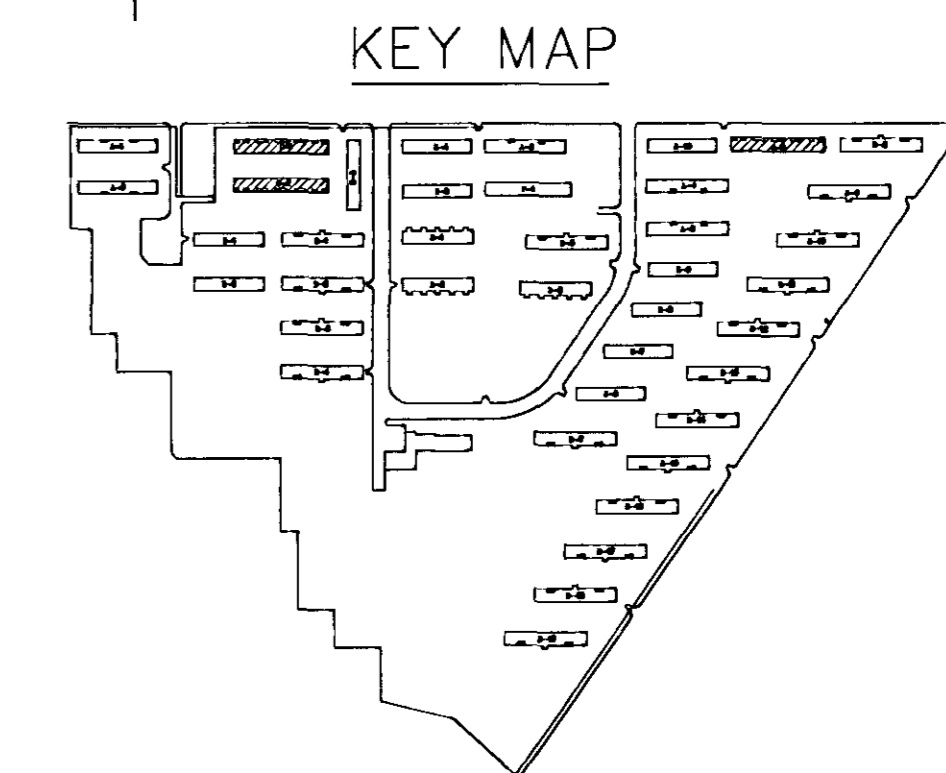
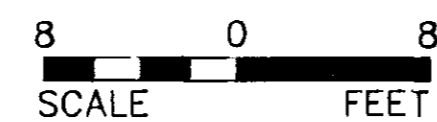
ENCLOSURE DETAILS PROVIDED ON ARCHITECTURAL DRAWINGS.



SECOND FLOOR PLAN (TYPE C)

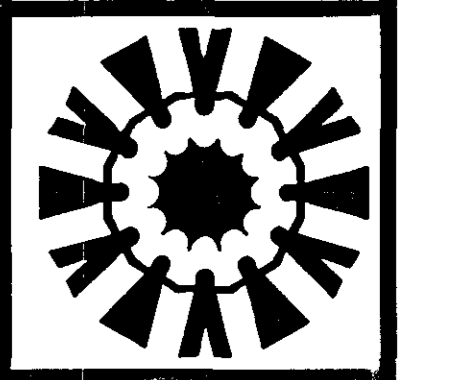


FIRST FLOOR PLAN (TYPE C)



LAW ENGINEERING, INC.
445 METROPLEX DRIVE
NASHVILLE, TN 37211
OFFICE 615-832-0513
FAX 615-832-0983

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



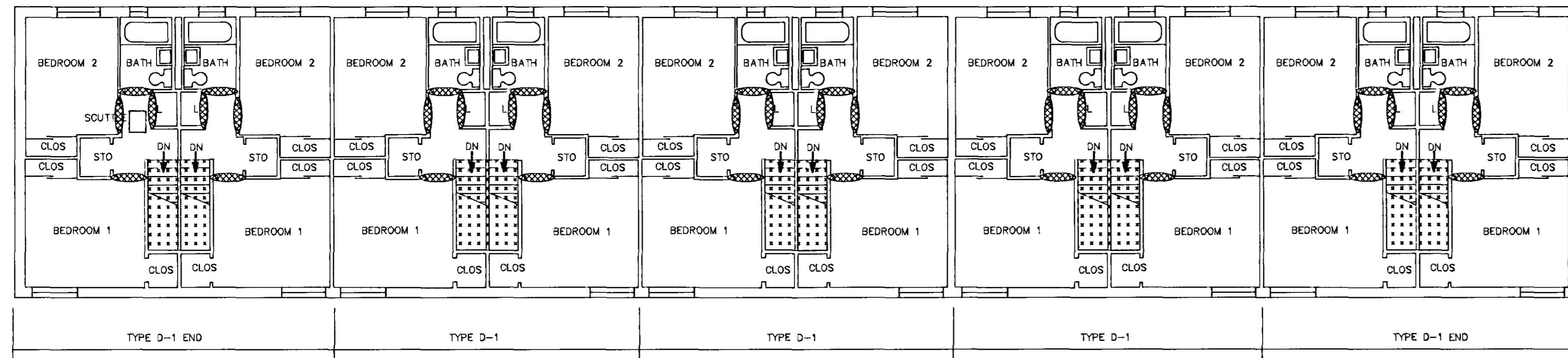
MICHAEL F. CANNON
COMMERCIAL REGISTERED PROFESSIONAL ENGINEER
No. 20032
STATE OF TENNESSEE
Law Project No.: 413.93954.01
DATE: 6/18/93

NO.	DATE	REVISION

SHEET TITLE
LBP-3

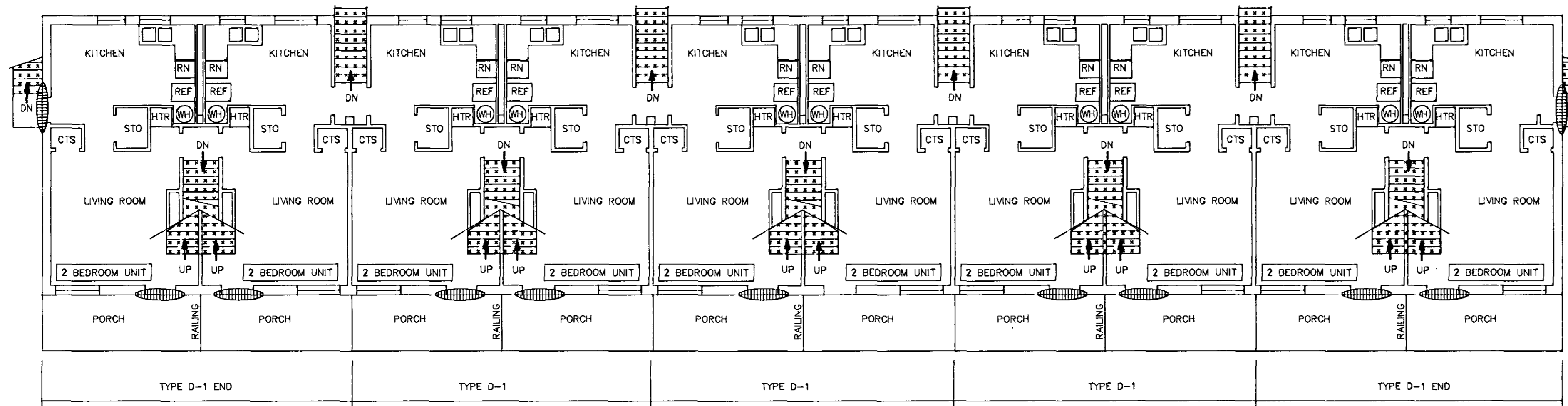
SOURCE: DRAWINGS PROVIDED BY WILLIAMS RUSSELL AND JOHNSON, INC.

DRAWN BY: CER
CHECKED BY: MFC
CADD FILE NO.: 954-001
PLOT DATE: 6/18/93



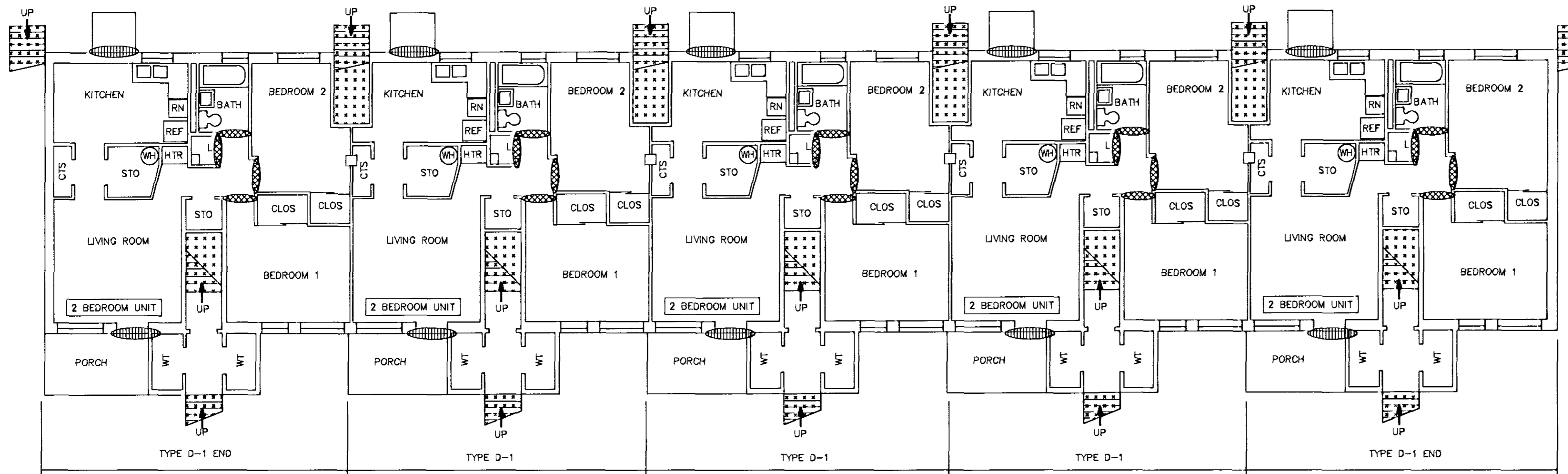
THIRD FLOOR PLAN (TYPE D)

8 0 8
SCALE FEET



SECOND FLOOR PLAN (TYPE D)

8 0 8
SCALE FEET



FIRST FLOOR PLAN (TYPE D)

8 0 8
SCALE FEET

LEGEND

LEAD BASED PAINT PRESENT ON STAIR RISERS AND HANDRAILS

LEAD BASED PAINT PRESENT ON DOOR LINTELS

LEAD BASED PAINT PRESENT ON DOOR JAMBS

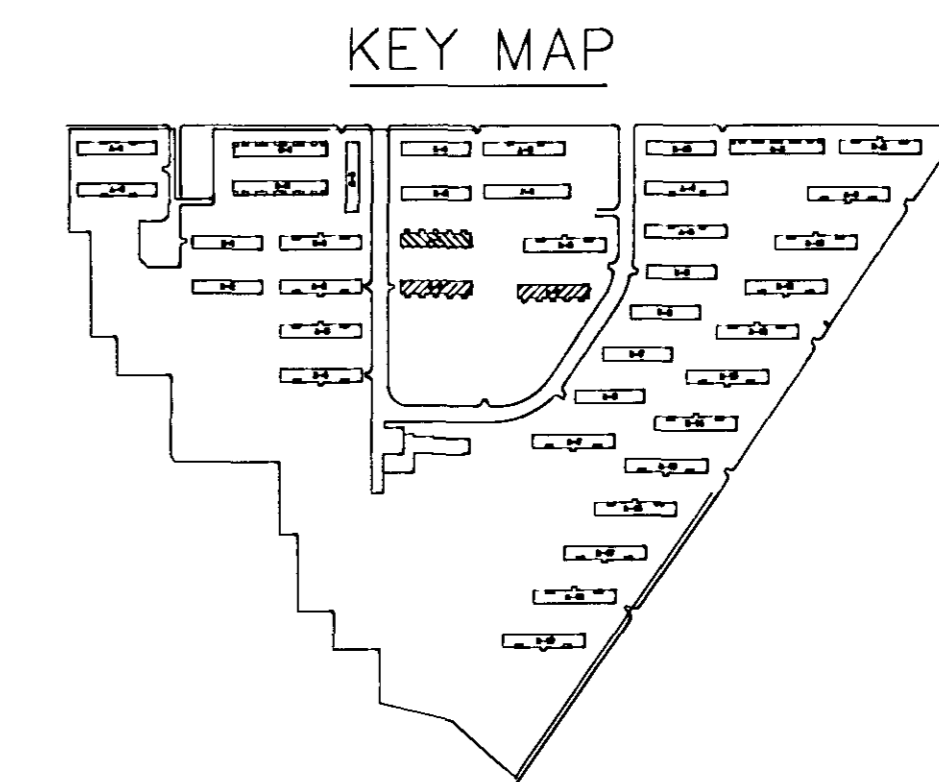
NOTE: REFER TO SHEET LP-7 FOR PHOTOGRAPHS OF TYPICAL STAIR RISERS AND DOOR LINTELS

SCOPE OF WORK

DRAWINGS PROVIDE LOCATION OF LEAD BASE PAINTED SURFACES. ABATEMENT OF THE PAINT SHALL BE AS FOLLOWS:

LOCATION	ABATEMENT TECHNIQUE
HANDRAILS	DISPOSE OF HANDRAIL
STAIR RISERS	ENCAPSULATE
DOOR LINTELS	ENCLOSE
DOOR JAMBS	ENCAPSULATE

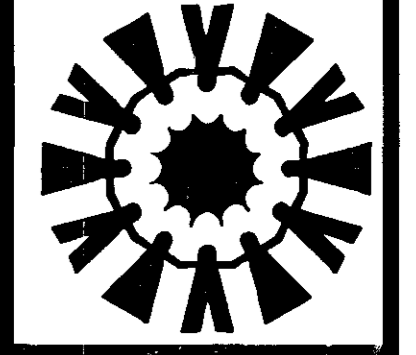
ENCLOSURE DETAILS PROVIDED ON ARCHITECTURAL DRAWINGS.



LAW ENGINEERING, INC.
445 METROPLEX DRIVE
NASHVILLE, TN 37211
OFFICE 615-832-0513
FAX 615-832-0983

DRAWN BY: CER
CHECKED BY: MFC
CADD FILE NO.: 954-001
PLOT DATE: 6/18/93

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



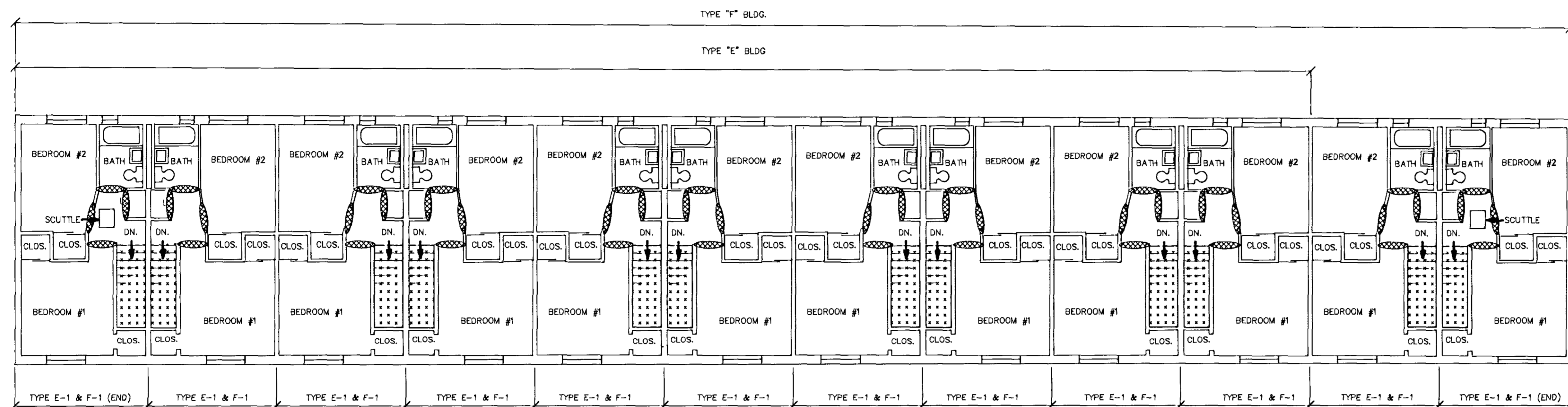
MICHAEL F. CONNOR
REGISTERED PROFESSIONAL ENGINEER
No. 20022
STATE OF TENNESSEE
LAW Project No.:
413.93954.01
DATE: 6/18/93

NO.	DATE	REVISION

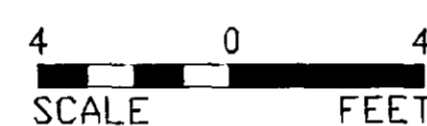
SHEET TITLE

LBP-4

SOURCE DRAWINGS PROVIDED BY WILLIAMS RUSSELL AND JOHNSON, INC.



SECOND FLOOR PLAN (TYPE E AND F)



LEGEND

LEAD BASED PAINT PRESENT ON STAIR RISERS AND HANDRAILS

LEAD BASED PAINT PRESENT ON DOOR LINTELS

LEAD BASED PAINT PRESENT ON DOOR JAMBS

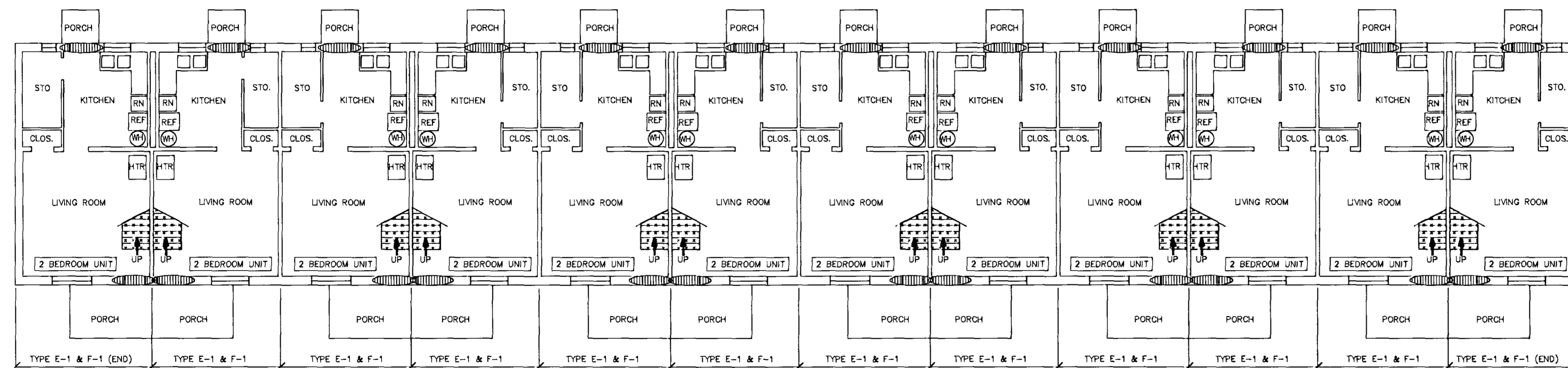
NOTE: REFER TO SHEET LP-7 FOR PHOTOGRAPHS OF TYPICAL STAIR RISERS AND DOOR LINTELS

SCOPE OF WORK

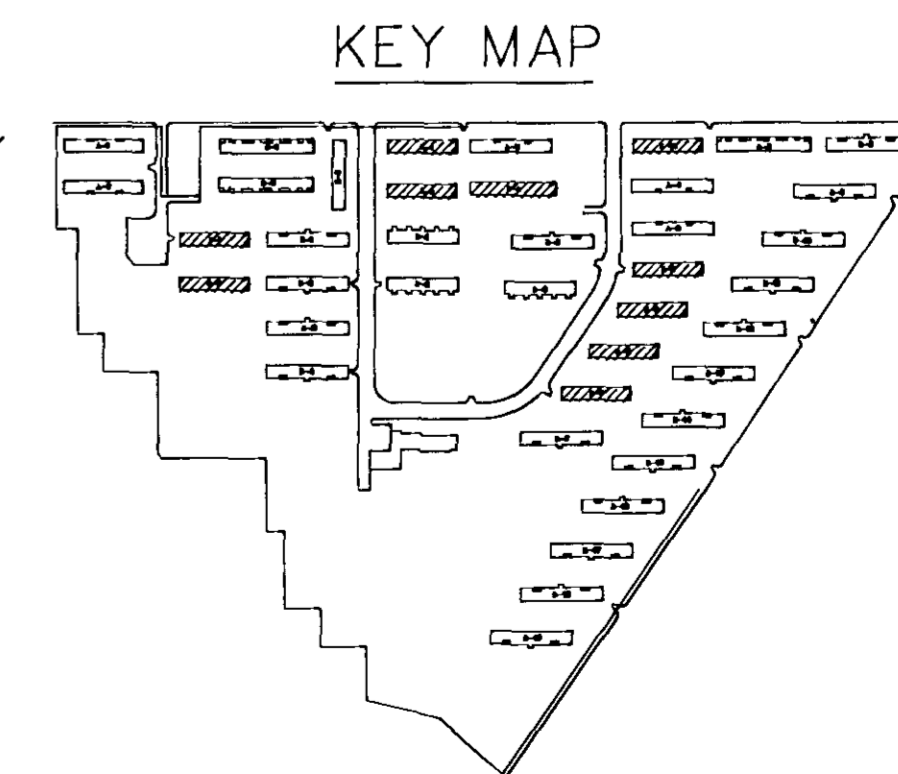
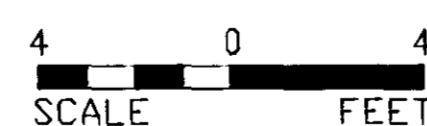
DRAWINGS PROVIDE LOCATION OF LEAD BASE PAINTED SURFACES. ABATEMENT OF THE PAINT SHALL BE AS FOLLOWS:

LOCATION	ABATEMENT TECHNIQUE
HANDRAILS	DISPOSE OF HANDRAIL
STAIR RISERS	ENCAPSULATE
DOOR LINTELS	ENCLOSE
DOOR JAMBS	ENCAPSULATE

ENCLOSURE DETAILS PROVIDED ON ARCHITECTURAL DRAWINGS.

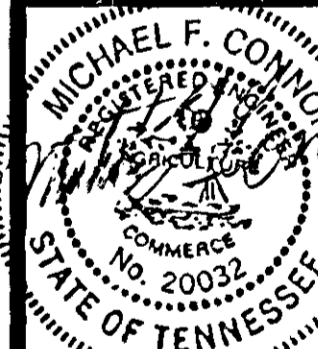
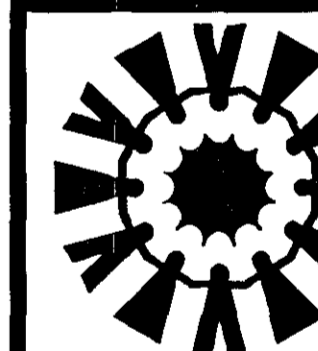


FIRST FLOOR PLAN (TYPE E AND F)



LAW ENGINEERING, INC.
445 METROPLEX DRIVE
NASHVILLE, TN 37203
OFFICE 615-832-0613
FAX 615-832-0883

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

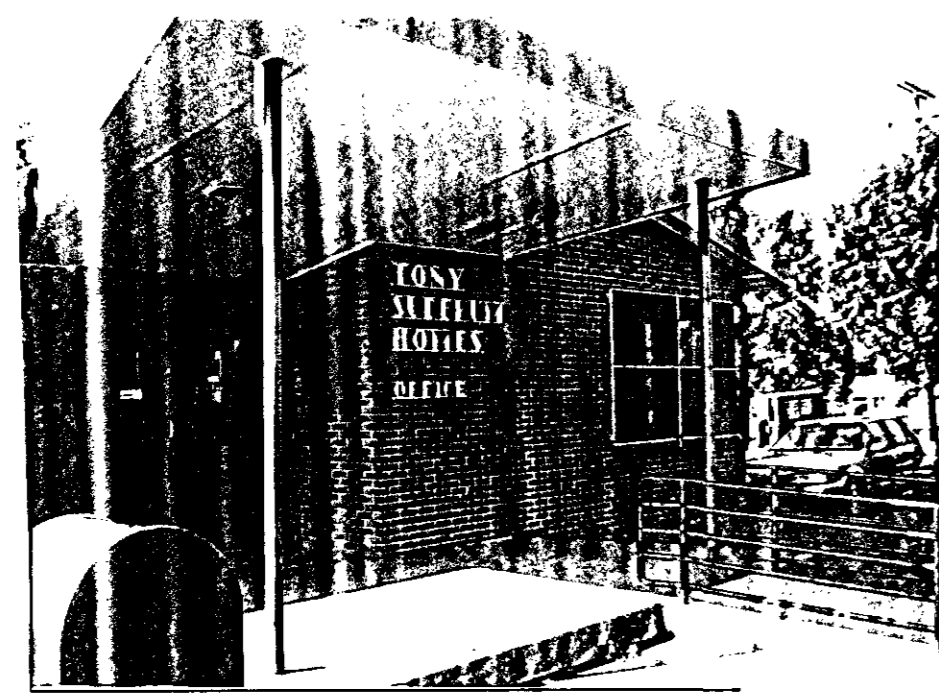


LAW Project No.: 413.93954.01
DATE: 6/18/93

NO.	DATE	REVISION

SHEET TITLE

LBP-5



1



2

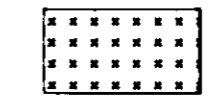


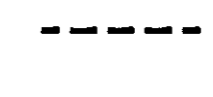
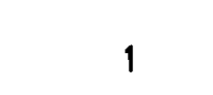



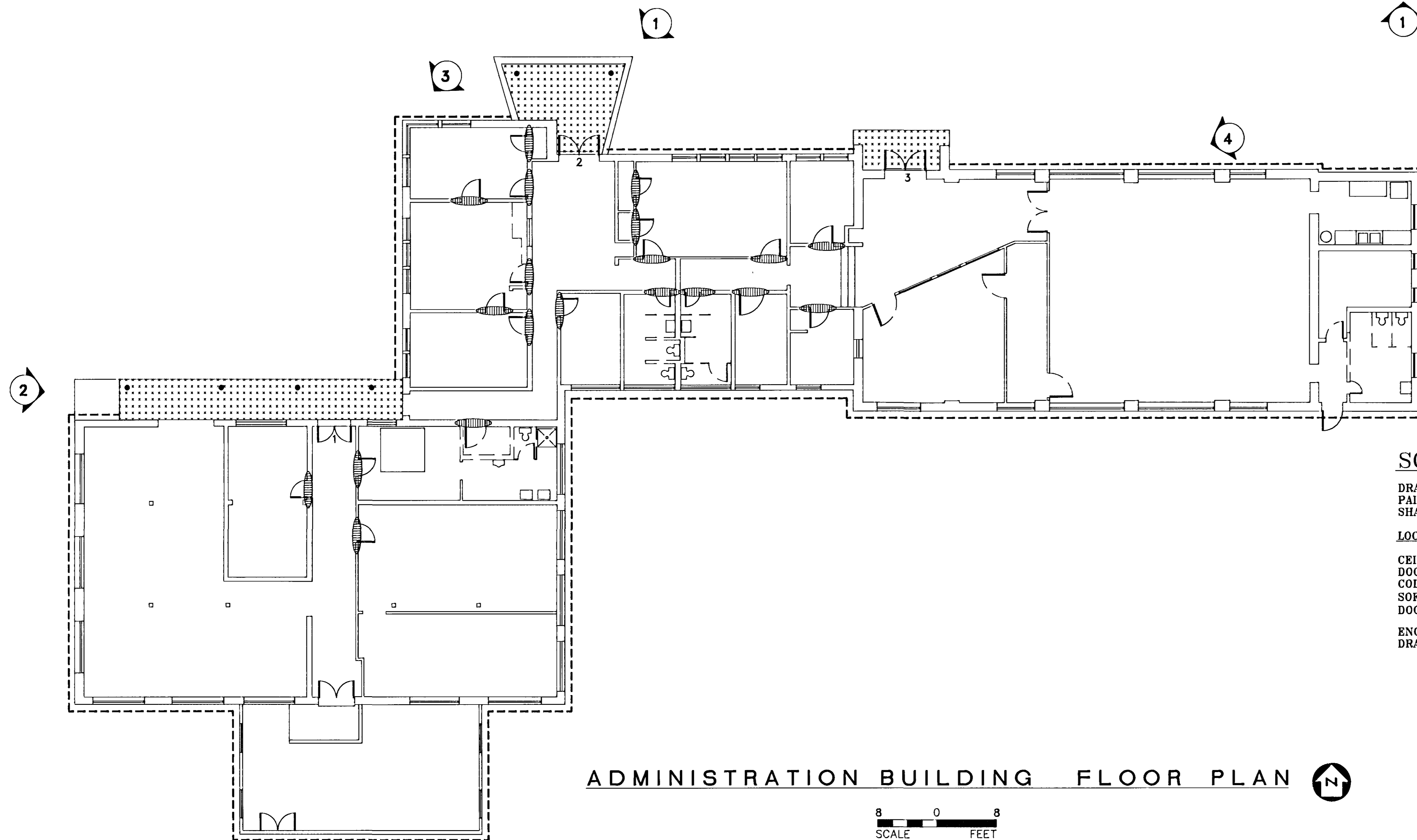
3



4

LEGEND

-  LEAD BASED PAINT PRESENT ON CEILING
-  LEAD BASED PAINT PRESENT ON DOOR JAMBS
-  LEAD BASED PAINT PRESENT ON COLUMNS
-  LEAD BASED PAINT PRESENT ON SOFFIT
-  1 LEAD BASED PAINT PRESENT ON EXTERIOR DOOR FACING
-  1 PHOTOGRAPH INDICATOR



ADMINISTRATION BUILDING FLOOR PLAN 

8 0 8
SCALE FEET

SCOPE OF WORK

DRAWINGS PROVIDE LOCATION OF LEAD BASE PAINTED SURFACES. ABATEMENT OF THE PAINT SHALL BE AS FOLLOWS:

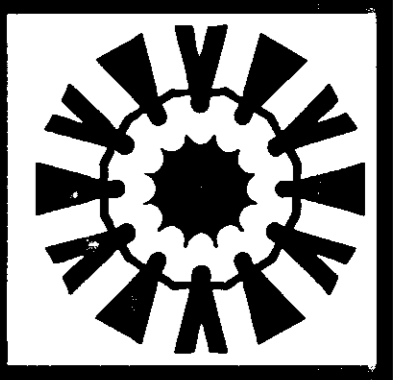
LOCATION	ABATEMENT TECHNIQUE
CEILING	ENCLOSE
DOOR JAMBS	ENCAPSULATE
COLUMNS	DISPOSE OF COLUMN
SOFFITT	ENCLOSE
DOOR FACING	ENCAPSULATE

ENCLOSURE DETAILS PROVIDED ON ARCHITECTURAL DRAWINGS.

LAW ENGINEERING, INC.
445 METROPLEX DRIVE
NASHVILLE, TN 37211
PHONE 615-832-0923
FAX 615-832-0923

DRAWN BY: CER
CHECKED BY: MFC
CADD FILE NO.: 954-001
PLOT DATE: 6/18/93

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



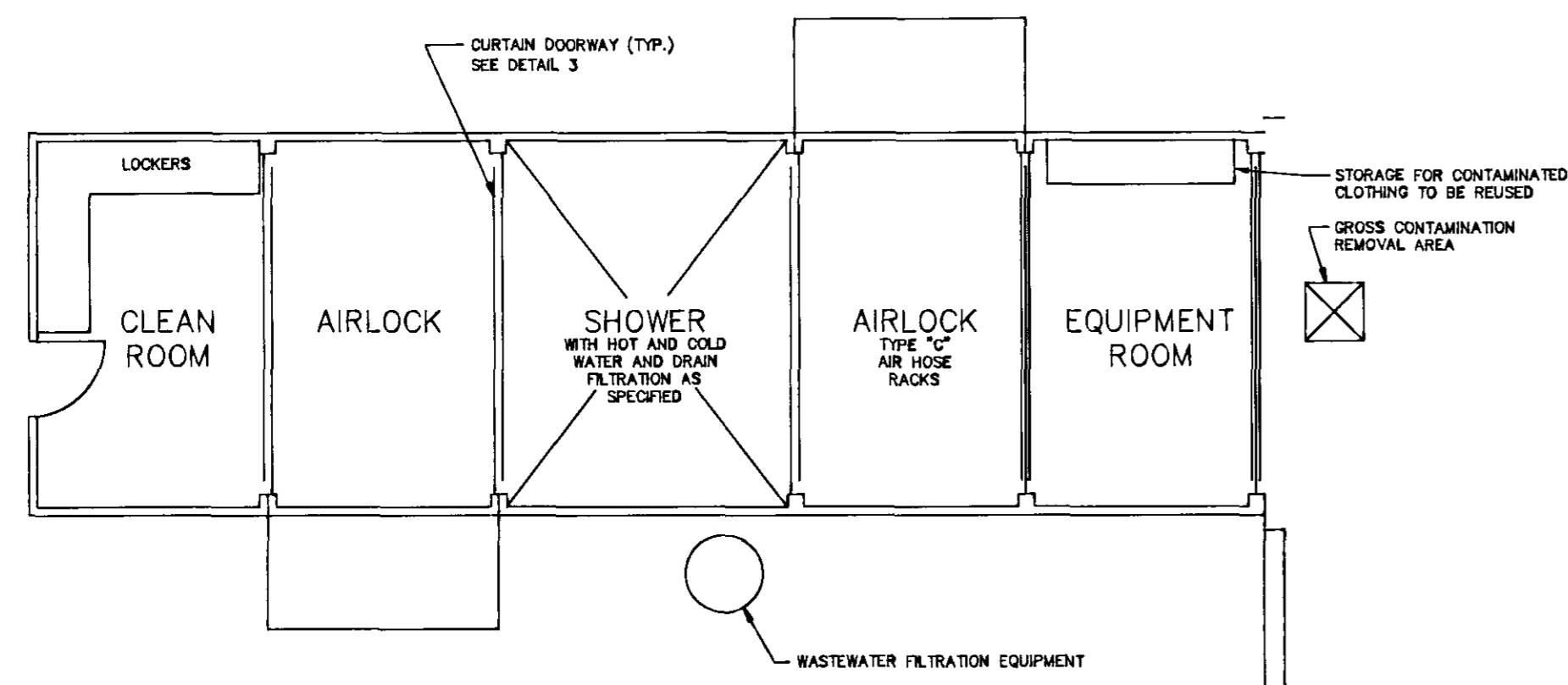
MICHAEL F. CONNOR
COMMISSIONER
STATE OF TENNESSEE
No. 20032
LAW No. 413.93954.01
DATE: 6/18/93

NO.	DATE	REVISION

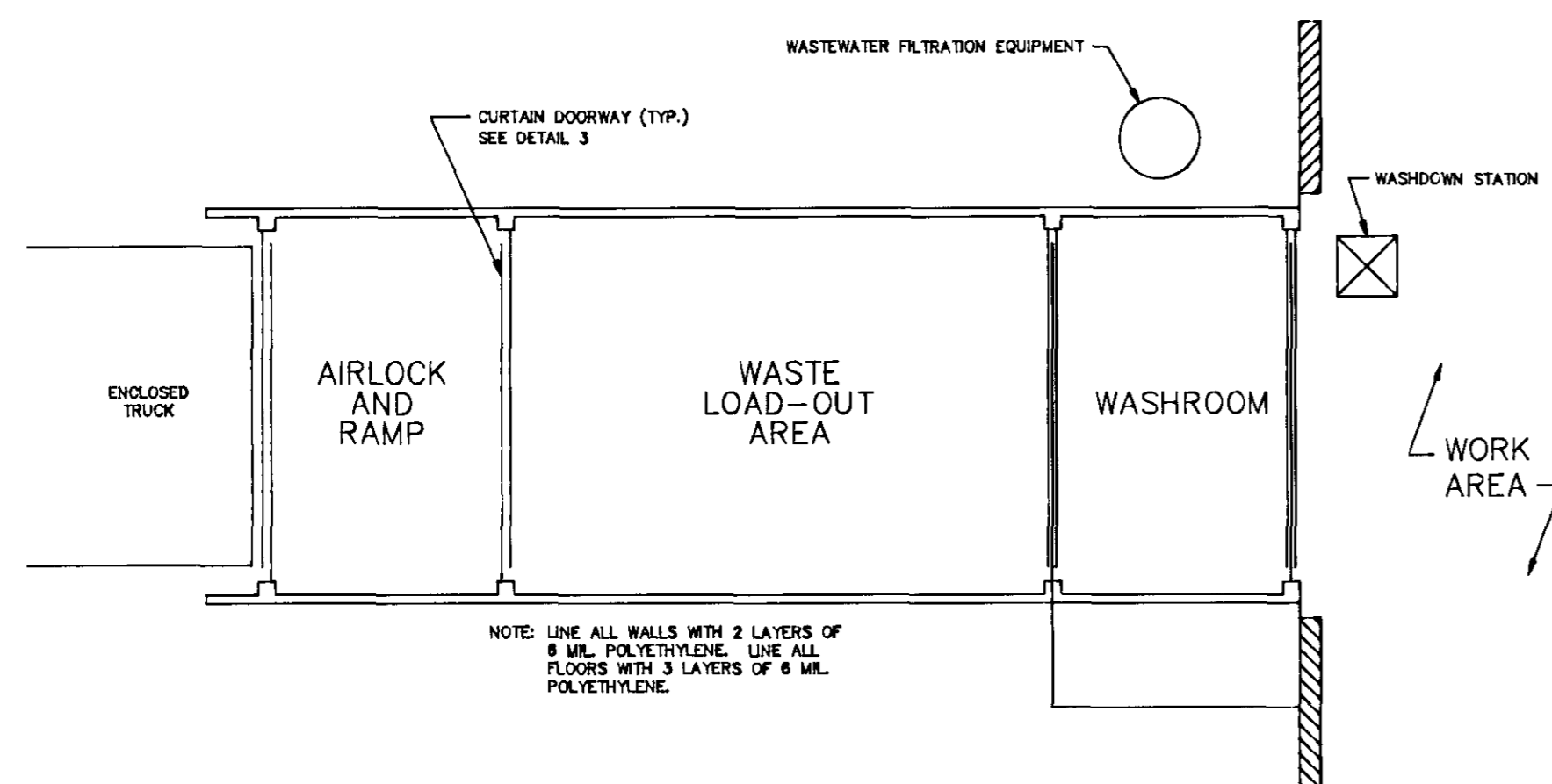
SHEET TITLE

LBP-6

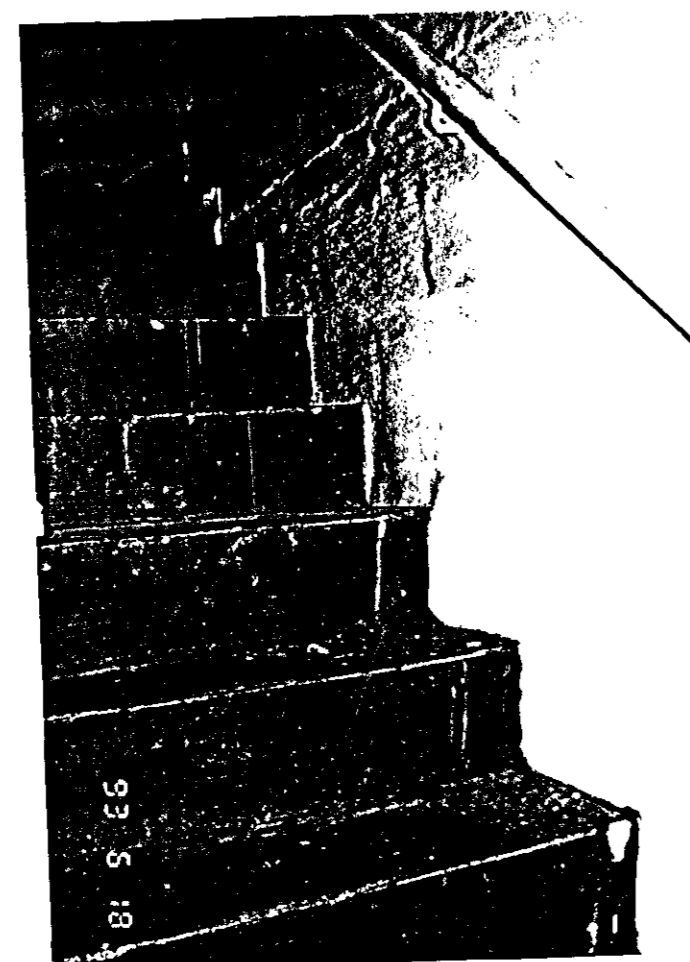
SOURCE: DRAWINGS PROVIDED BY WILLIAMS RUSSELL AND JOHNSON, INC.



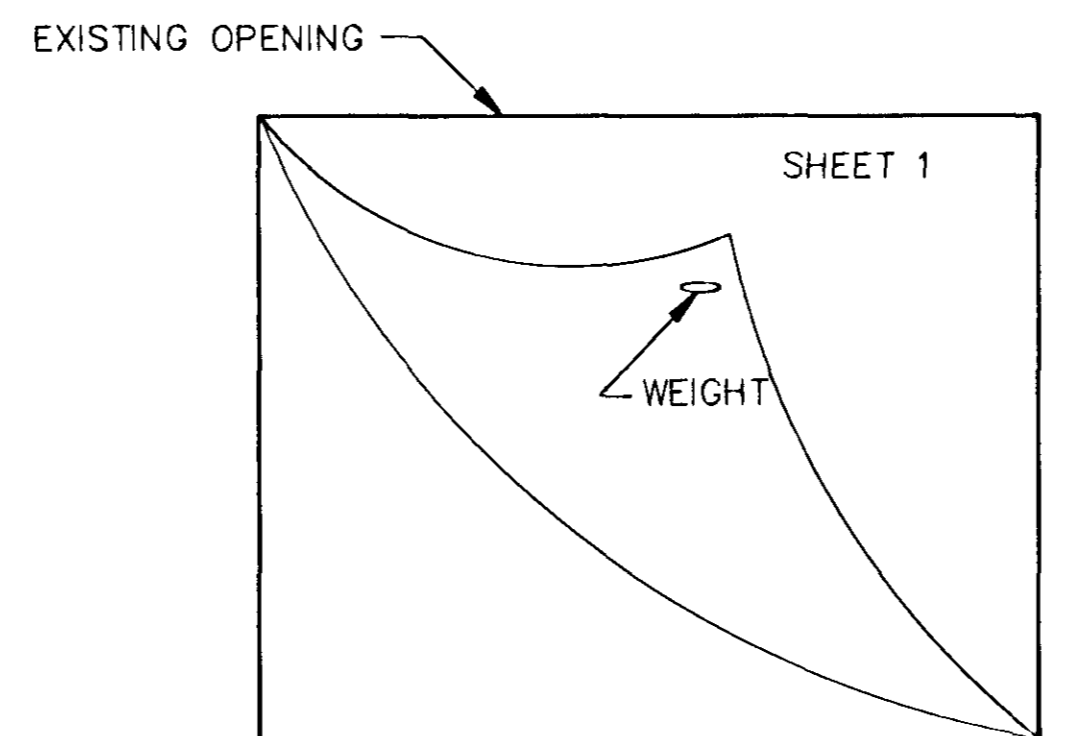
DETAIL 1: WORKER DECONTAMINATION UNIT/ENCLOSURE
 (THIS SHALL CONSTITUTE THE ONLY ENTRY/EXIT TO WORK AREA)



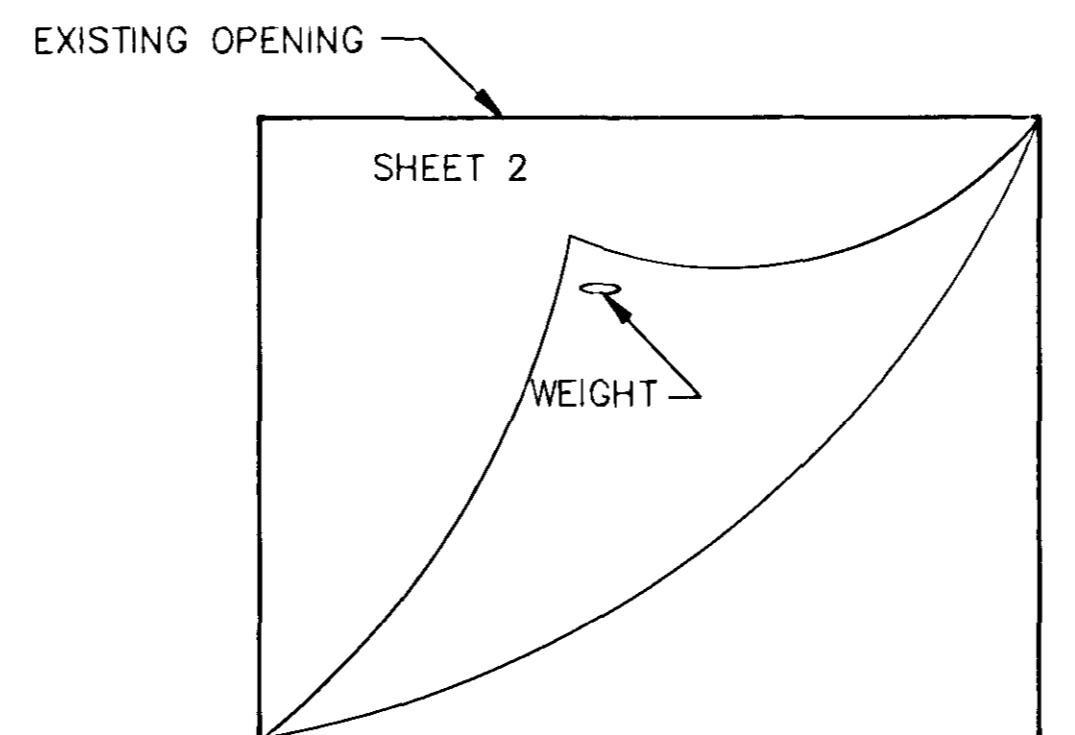
DETAIL 2: PLAN OF EQUIPMENT DECONTAMINATION ENCLOSURE



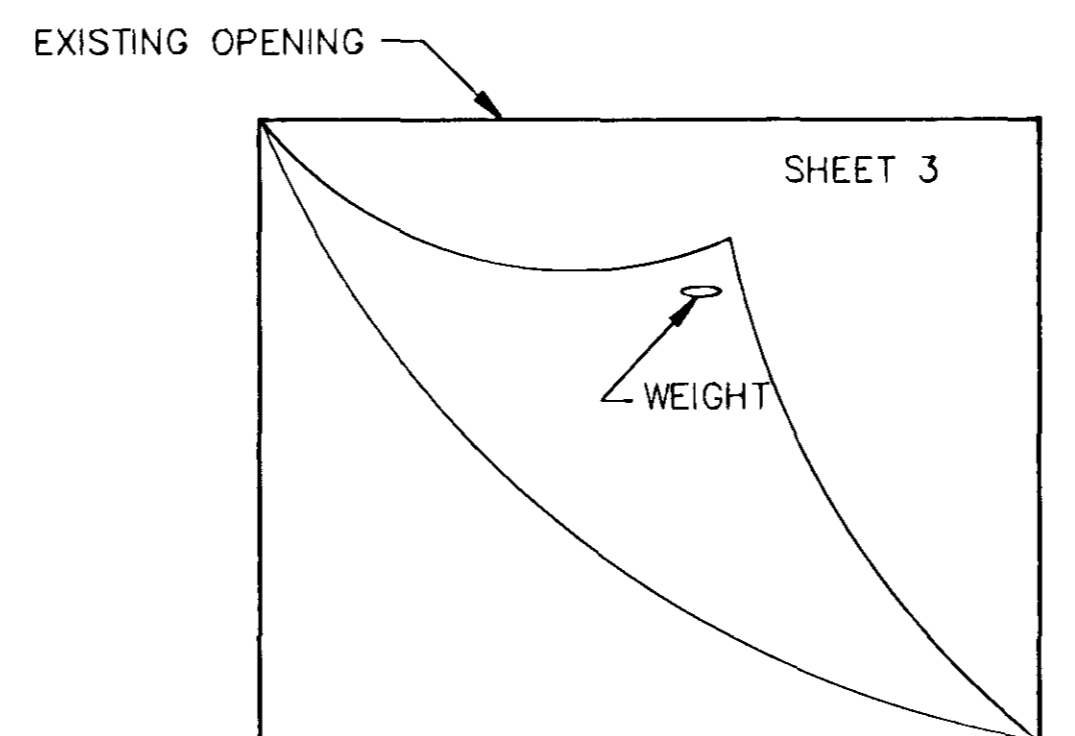
PHOTOGRAPH OF TYPICAL STAIR RISERS



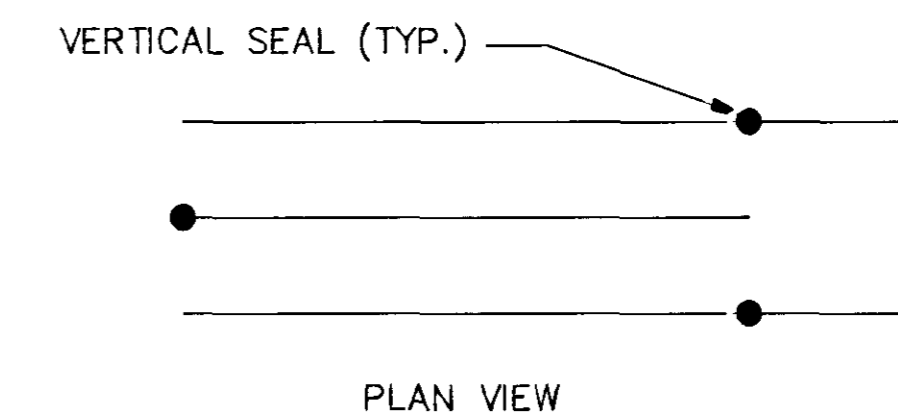
1. ALL SHEETING TO BE 6 MIL. POLYETHYLENE.
2. SECURE TOP EDGE OF SHEET 1 ALONG TOP EDGE OF OPENING.
3. SECURE SHEET 1 ALONG ONE VERTICAL SIDE OF OPENING.



4. SECURE TOP EDGE OF SHEET 2 ALONG TOP EDGE OF OPENING.
5. SECURE SHEET 2 ALONG SIDE OF OPENING OPPOSITE OPENING SIDE OF SHEET 1.



6. SECURE SHEET 3 ON OPPOSITE SIDE SHEET 2 ALONG EDGE AS SHEET 1.



NOTE: MIN. 8 OZ. WEIGHT TO BE SECURED TO THE OPENING CORNER OF EACH SHEET.

DETAIL 3: CURTAINED DOORWAY

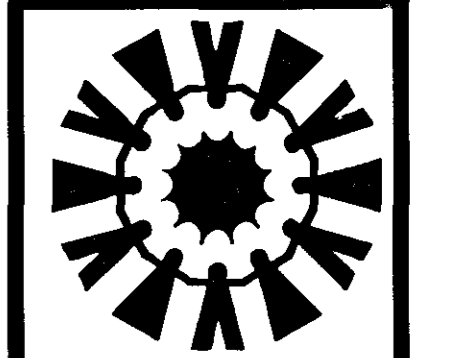


PHOTOGRAPH OF TYPICAL DOOR LINTEL

LAW ENGINEERING, INC.
 445 METROPOLITAN DRIVE
 NASHVILLE, TN 37211
 OFFICE 615-632-0613
 FAX 615-632-0983

DRAWN BY: CER CADD FILE NO.: 954-006
 CHECKED BY: MFC PLOT DATE: 6/18/93

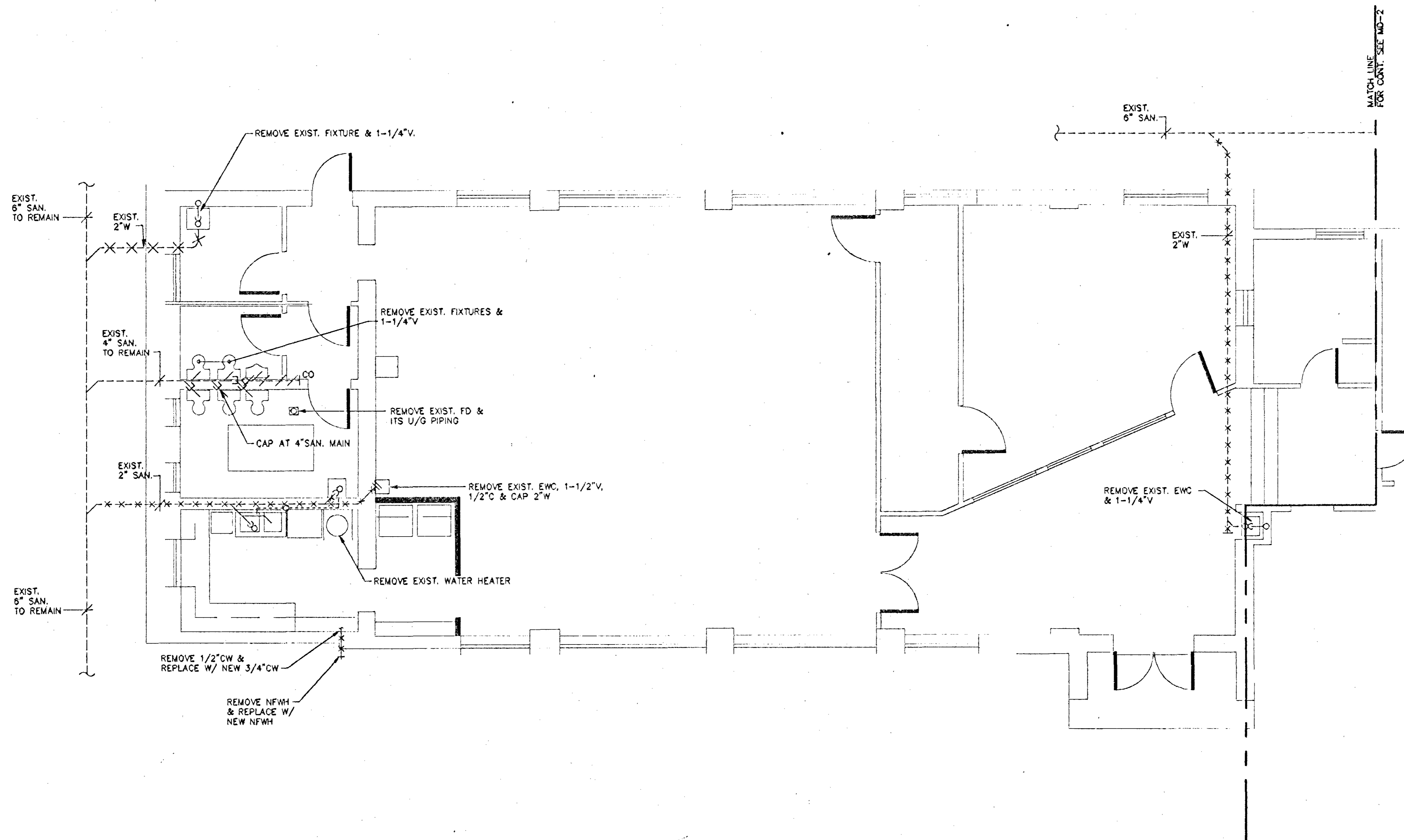
TONY SUDEKUM HOME RENOVATION
 TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



MICHAEL F. CONNOR
 LICENSED PROFESSIONAL ENGINEER
 STATE OF TENNESSEE
 LICENSE NO. 20032
 LAW PROJECT No.: 413.93954.01
 DATE: 6/18/93

NO.	DATE	REVISION

SHEET TITLE
LBP-7



DEMOLITION PLAN ADMINISTRATION BUILDING - MECHANICAL
 SCALE: 1/4"=1'-0"

**DEMOLITION PLAN
 ADMINISTRATION BUILDING
 FIRST FLOOR**

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

Williams • Russell and Johnson, Inc.
 Engineers • Planners • Architects
 Nashville Branch - Suite 1815
 404 James Robertson Parkway
 Nashville, Tennessee 37219
 Telephone 615/259-2170
 DRAWN BY: RAK CADD FILE NO.: MD-1
 CHECKED BY: RAK PLOT DATE: 8/3/93

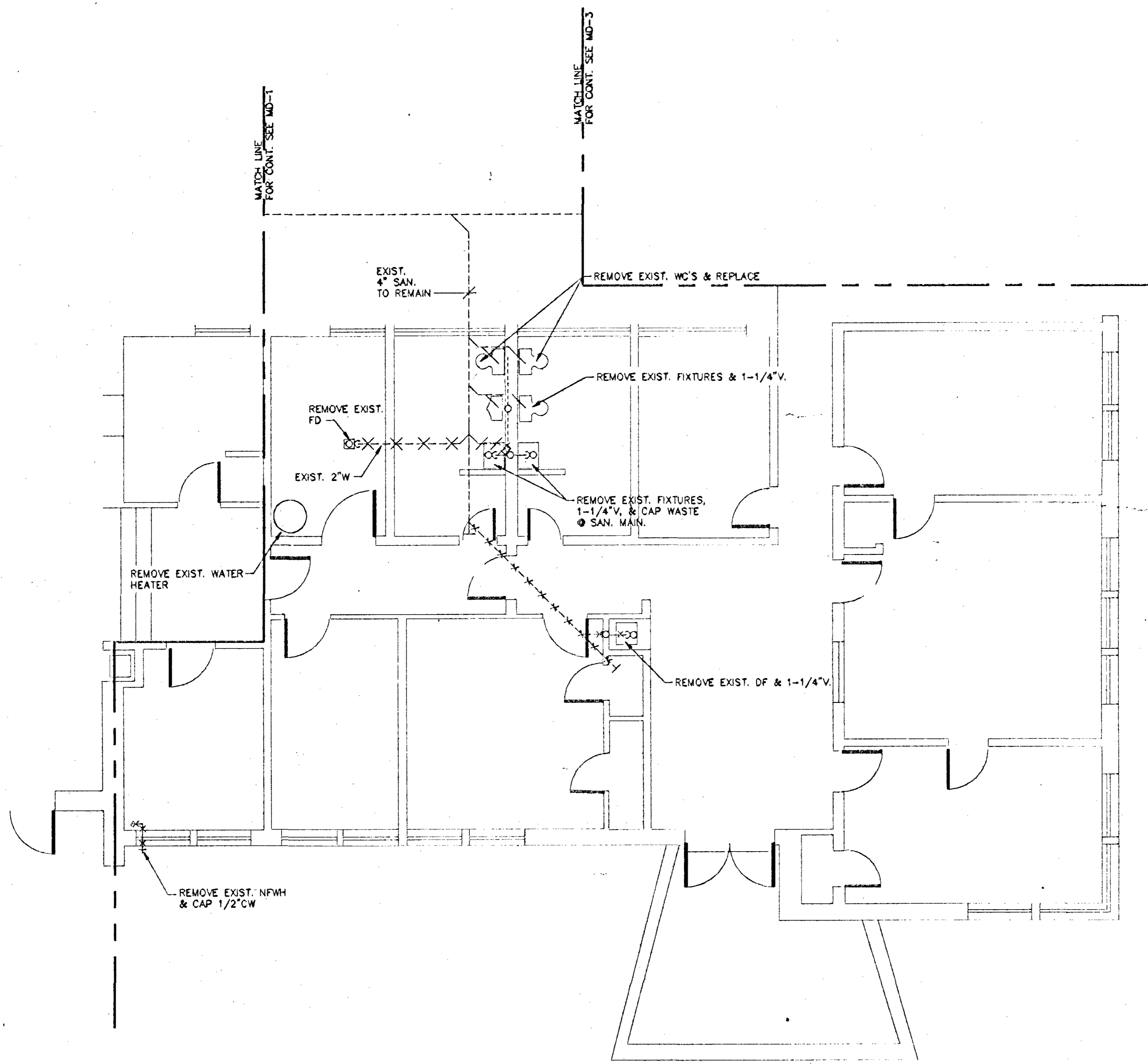
TONY SUDEKUM HOME RENOVATION
 TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



WR&J Project No.:
 32493101
 DATE: 8/3/93

NO.	DATE	REVISION

SHEET TITLE
MD-1

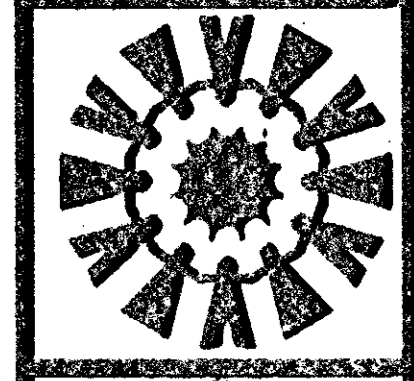


DEMOLITION PLAN ADMINISTRATION BUILDING - MECHANICAL
 SCALE: 1/4"=1'-0"

**DEMOLITION PLAN
 ADMINISTRATION BUILDING
 FIRST FLOOR**
 SCALE: 1/4"=1'-0"

williams • russell and johnson, inc.
 engineers • planners • architects
 Nashville Branch • Suite 1815
 404 James Robertson Parkway
 Nashville, Tennessee 37203
 Telephone 615/259-2170
 DRAWN BY: JLD CADD FILE NO.: MD-1
 CHECKED BY: RAK PLOT DATE: 7/28/93

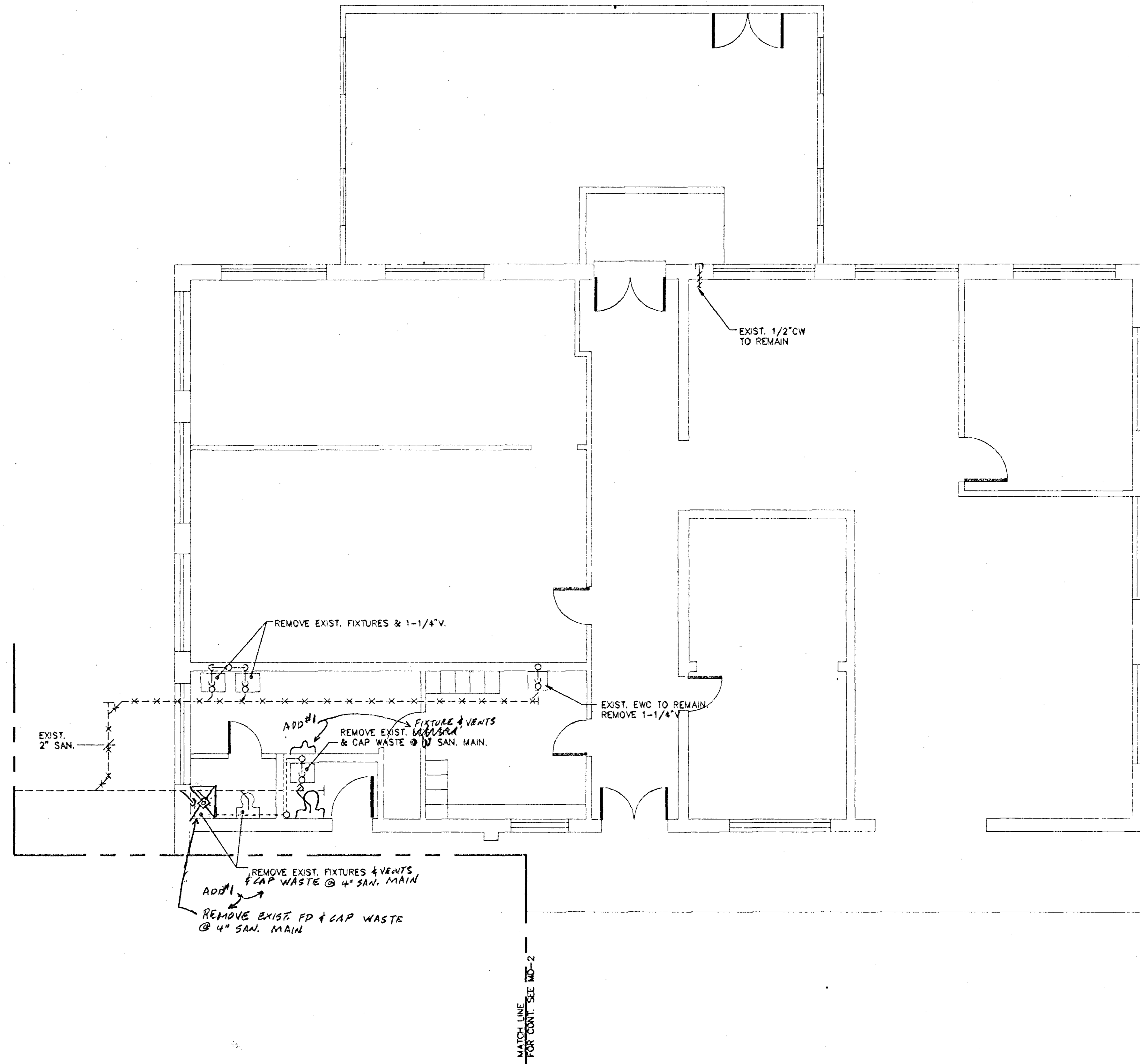
TONY SUDEKUM HOME RENOVATION
 TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



WR&J Project No.: 32493101
 DATE: 8/3/93

NO.	DATE	REVISION

SHEET TITLE
MD-2



DEMOLITION PLAN ADMINISTRATION BUILDING - MECHANICAL

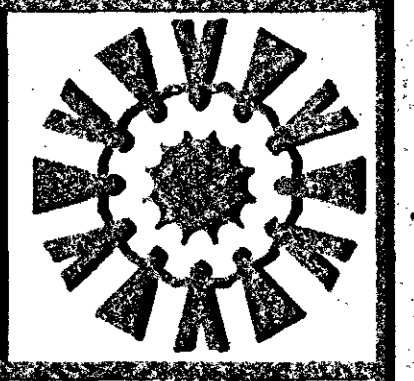
SCALE: 1/4"=1'-0"

**DEMOLITION PLAN
ADMINISTRATION BUILDING
FIRST FLOOR**

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

williams • russell and johnson, inc.
engineers • planners • architects
1000 North Main Street, Suite 1815
Nashville, Tennessee 37219
Telephone 615/259-2170
DRAWN BY: JLD CADD FILE NO.: MD-1
CHECKED BY: RAK PLOT DATE: 7/28/93

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



WR&J Project No.:
32493101
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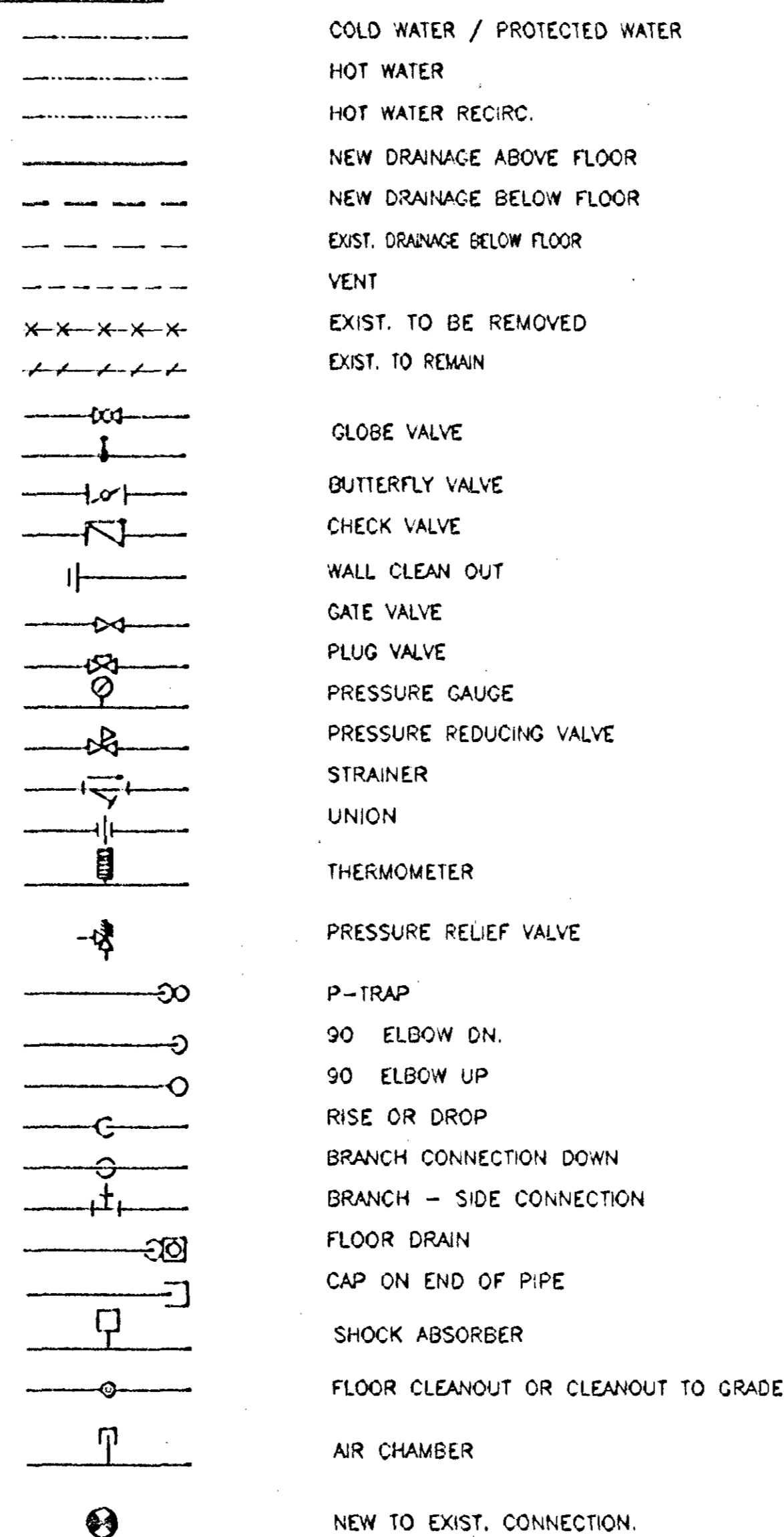
SHEET TITLE
MD-3

PLUMBING FIXTURE CONNECTION SCHEDULE							
SYMBOL	DESCRIPTION	MINIMUM CONNECTION SIZE				MTG. HT. FLOOR TO RM.	REMARKS
		WASTE	VENT	CW	HW		
WC-1	WATER CLOSET	2"	2"	1-1/4"	---	12"	FLOOR MOUNTED - TANK TYPE
WC-2	WATER CLOSET HANDICAPPED	2"	2"	1-1/4"	---	12"	FLOOR MOUNTED - TANK TYPE
LAV-1	LAVATORY	2"	1-1/2"	1/2"	1/2"	---	WALL MOUNTED
LAV-2	LAVATORY HANDICAPPED	2"	1-1/4"	1/2"	1/2"	---	WALL MOUNTED
SK-1	DOUBLE COMPARTMENT SINK	2"	1-1/2"	1/2"	1/2"	---	
SK-2	SINK HANDICAPPED	2"	1-1/2"	1/2"	1/2"	---	
UR-1	URINAL HANDICAPPED	2"	1-1/2"	1"	---	12"	WALL MOUNTED - FLUSH VALVE
WS-1	WSP SINK	2"	2"	1/2"	1/2"	36" TO FAUCET	24" x 24" FLOOR MOUNTED
EW-1	ELECTRIC WATER COOLER	2"	1-1/2"	1/2"	---	36" TO SPOUT	WALL MOUNTED
EW-2	ELECTRIC WATER COOLER	2"	1-1/2"	1/2"	---	36" TO SPOUT	RECESSED TYPE
SH-1	SHOWER	---	2"	1/2"	1/2"	---	
SH-2	SHOWER HANDICAPPED	---	2"	1/2"	1/2"	---	
NFWH	NON-FREEZE WALL HYDRANT	---	---	3/4"	---	---	RECESSED TYPE

ABBREVIATIONS:

A/C ABOVE CEILING
 AFF ABOVE FINISHED FLOOR
 AFG ABOVE FINISHED GRADE
 B/F BELOW FLOOR
 BFP BACKFLOW PREVENTOR
 B/G BELOW GRADE
 BV BALANCING VALVE
 CONN. CONNECT
 CV CHECK VALVE
 CW COLD WATER
 DN DOWN
 EWC ELECTRIC WATER COOLER
 EXIST. EXISTING
 FCO FLOOR CLEAN OUT
 FD FLOOR DRAIN
 GLV GLOBE VALVE
 GV GATE VALVE
 HD HOSE BIBB
 IE INVERT ELEVATION
 S SOIL STACK
 SAN SANITARY
 ST STORM
 TH THERMOMETER
 U/G UNDERGROUND
 UN UNION
 V VENT
 VTR VENT THROUGH ROOF
 WCO WALL CLEANOUT
 S.A. SUPPLY AIR
 R.A. RETURN AIR
 FURN. FURNACE
 NFWH NON-FREEZE WALL HYDRANT

LEGEND:



GENERAL NOTES:

- THE DRAWINGS ARE SCHEMATIC ONLY AND MAY NOT SHOW ALL EXISTING ITEMS OR CONDITIONS FOR ALL UNITS. THE CONTRACTOR SHALL NOT RECEIVE ADDITIONAL PAYMENT ABOVE BID PRICE FOR ANY WORK THAT CAN BE INFERRED THROUGH OBSERVATION OF EXISTING CONDITIONS AT THE SITE. IN THE EVENT CONCEALED CONDITIONS ARE ENCOUNTERED WHICH MAY VARY SIGNIFICANTLY FROM THE DRAWINGS, NOTIFY THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL FIELD MEASURE THE EXACT LOCATION OF EXISTING EQUIPMENT, PIPING, STRUCTURE AND OTHER CONDITIONS WHICH WILL ULTIMATELY AFFECT SYSTEMS INSTALLATION. CONTRACTOR SHALL LOCATE NEW EQUIPMENT, FIXTURES, AND PIPING TO AVOID CONFLICTS AND INTERFERENCES WITH EXISTING FIELD CONDITIONS. COORDINATION OF ALL NEW WORK WITH OTHER TRADES TO AVOID CONFLICTS PRIOR TO INSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS REQUIRED TO VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS AT EACH TYPE OF UNIT (GROUP A THROUGH F AND ADMIN. BLDG.) PRIOR TO SUBMITTING A BID.
- CONTRACTOR SHALL OBTAIN THE SERVICE OF A TEST & BALANCE AGENCY, REGISTERED WITH AABC OR NEBB, TO BALANCE ALL NEW SYSTEMS. T&B SHALL SUBMIT A CERTIFIED REPORT COMPRISED OF ALL PERTINENT FORMS, FOR EACH SYSTEM, LISTED IN SECTION 13 OF ASHRAE STANDARD 111-1988.
- CONTRACTOR SHALL OBTAIN THE SERVICE OF A PROFESSIONAL DUCT CLEANING COMPANY TO VACUUM OUT AND CLEAN ALL EXISTING DUCTWORK SYSTEMS. SYSTEMS SHALL BE CLEANED AFTER EXISTING REGISTERS ARE REMOVED AND PRIOR TO INSTALLATION OF NEW REGISTERS.
- CONTRACTOR SHALL REMOVE ALL EXISTING WATER PIPING INCLUDING U/G WATER PIPING TO EXIST. VALVE BOX, AND REPLACE IT WITH NEW PIPING. IN ADDITION, CONTRACTOR SHALL EXTEND THE WATER PIPING TO ALL FIXTURES AND EQUIPMENT AS REQUIRED BY THE CONTRACT DOCUMENTS AND TO THE EXISTING U/G VALVE BOX. CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO THE U/G DOMESTIC WATER SYSTEM AT THE EXISTING U/G VALVE BOX. COORDINATE CONNECTIONS WITH CIVIL CONTRACTOR.
- CONTRACTOR SHALL REPLACE EXISTING THERMOSTATS WITH ONE THAT MATCHES EXISTING. CONTRACTOR IS RESPONSIBLE FOR ALL CONTROL WIRING ASSOCIATED WITH THE EQUIPMENT AND THERMOSTATS.
- CONTRACTOR SHALL ROUTE TEMPERATURE AND PRESSURE RELIEF PIPING FROM WATER HEATERS, FULL SIZE THROUGH EXISTING CHASE TO EXTERIOR WALL AND ELBOW DOWN. PIPING SHALL BE TYPE "L" COPPER AND SHALL SLOPE AT 1/4" PER FOOT.
- CONTRACTOR IS RESPONSIBLE FOR SAW CUTTING OF FLOOR SLAB, INSTALLING UNDERGROUND PIPING, AND REPAIRING OF SLAB, AFTER INSTALLATION AND APPROVAL TO MATCH EXISTING.
- CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF BLOCK WALLS AS REQUIRED TO INSTALL HIS PIPING AND EQUIPMENT. DEMOLITION SHALL BE DONE IN A NEAT MANNER SUCH THAT BLOCK WALLS CAN BE REPAIRED TO MATCH EXISTING.
- WHERE GAS FLUE OR VENT REQUIRES RELOCATION, USE SAME CLASS VENT AS EXISTING.
- PROVIDE 12"x12" ACCESS PANES FOR ALL VALVES LOCATED ABOVE NON-ACCESSIBLE CEILINGS AND INSIDE PIPE CHASES. EXACT LOCATIONS MUST BE COORDINATED WITH ARCHITECTURAL DRAWINGS AND APPROVED BY ENGINEER PRIOR TO INSTALLATION.
- ALL DRAINAGE PIPING SHALL SLOPE 1/8" PER FOOT UNLESS OTHERWISE NOTED.
- COORDINATE ALL UNDERGROUND PIPING WITH GRADE BEAMS, WALL FOOTINGS AND OTHER STRUCTURAL CONDITIONS.
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR LOCATION OF ALL PLUMBING FIXTURES.
- CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO ALL EQUIPMENT INDICATED ON DRAWINGS. FINAL CONNECTIONS SHALL INCLUDE ANY ADAPTERS, NIPPLES, SHUT-OFF VALVES, PRV'S, SHOCK ABSORBERS, BACKFLOW PREVENTION DEVICES, REGULATORS, ETC.
- ALL STRUCTURAL PENETRATIONS (SLEEVES, BLOCKOUTS, ETC.) ARE TO BE LOCATED AND COORDINATED IN THE FIELD WITH GENERAL CONTRACTOR.
- UNLESS OTHERWISE NOTED, ALL GRAVITY LINES SHALL BE INSTALLED WITH INVERTS OF 1'-8" BELOW FINISHED FLOOR AT BEGINNING OF RUN.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURE'S INSTRUCTIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR PAYING ALL REQUIRED FEES AND ATTAINING ALL PERMITS REQUIRED TO COMPLETE THE PLUMBING WORK.
- ALL WORK WILL BE PERFORMED UNDER AND APPROVED BY LOCAL CODES.
- REFER TO ARCHITECT DRAWINGS FOR LOCATIONS OF HANDICAP UNITS.
- ALL DUCTWORK SHALL CONFORM WITH SMCNA STANDARDS.
- INSULATE WATER LINES AND EXPOSED DRAIN LINES WITH 1/2" FIBERGLASS PIPE INSULATION (3/4 LB. DENSITY).
- FOR HANDICAP UNITS, PROVIDE 1/2" ARMAFLEX 2000 INSULATION, OR APPROVED EQUAL, ON P-TRAP AND SUPPLIES BENEATH NEW LAVATORY AND KITCHEN STAINLESS STEEL SINK.
- CONTRACTOR SHALL DISCONNECT EXIST. GAS SUPPLY TO EXIST. GAS RANGE AND RE-CONNECT INTO NEW GAS RANGE. REVISE PIPING AS REQUIRED BY CODE.

KEY NOTES:

- REMOVE EXIST. HW & CW SUPPLY LINES AND EXIST. SINK AND REPLACE WITH NEW HW & CW SUPPLY LINES AND DOUBLE COMPARTMENT SINK. REMOVE EXIST. P-TRAP, WASTE AND ANGLE SUPPLIES AND REPLACE WITH NEW P-TRAP, WASTE AND ANGLE SUPPLIES. CONNECT TO EXIST. SANITARY AND VENT LINES IN CHASE AS REQUIRED BY CODE.
- REMOVE EXIST. HW & CW SUPPLY LINES AND LAVATORY AND REPLACE WITH NEW HW & CW SUPPLY LINES AND LAVATORY. REMOVE EXIST. P-TRAP, WASTE AND ANGLE SUPPLIES. CONNECT TO EXIST. SANITARY, VENT, AND NEW WATER LINES IN CHASE AS REQUIRED BY CODE.
- REMOVE CONCRETE BLOCK CHASE WALL AS REQUIRED ADJACENT TO TUB AND REMOVE EXIST. DRUM TRAP, WASTE LINE AND SUPPLY LINES. REPLACE WITH NEW WASTE AND SUPPLY LINES, P-TRAP AND PROVIDE NEW SHOWER CONNECTIONS AND FITTINGS. CONNECT TO EXIST. SANITARY BELOW FLOOR AND NEW WATER LINES IN CHASE AS REQUIRED BY CODE.
- REMOVE EXIST. WATER CLOSET, CLOSET FLANGE, WASTE PIPING, ANGLE SUPPLY, & SUPPLY LINE. REPLACE WITH NEW WATER CLOSET, CLOSET FLANGE, WASTE PIPING, ANGLE SUPPLY, AND SUPPLY LINE. CONNECT TO EXIST. SANITARY BELOW FLOOR AND NEW WATER LINE IN CHASE AS REQUIRED BY CODE.
- REMOVE EXIST. GAS-FIRED WATER HEATER AND REPLACE WITH NEW GAS-FIRED WATER HEATER WITH GAS AND WATER SHUT-OFF VALVES SIZED TO MATCH EXIST. LOAD. REVISE EXIST. GAS FLUE AND GAS PIPING AS REQUIRED BY CODE.

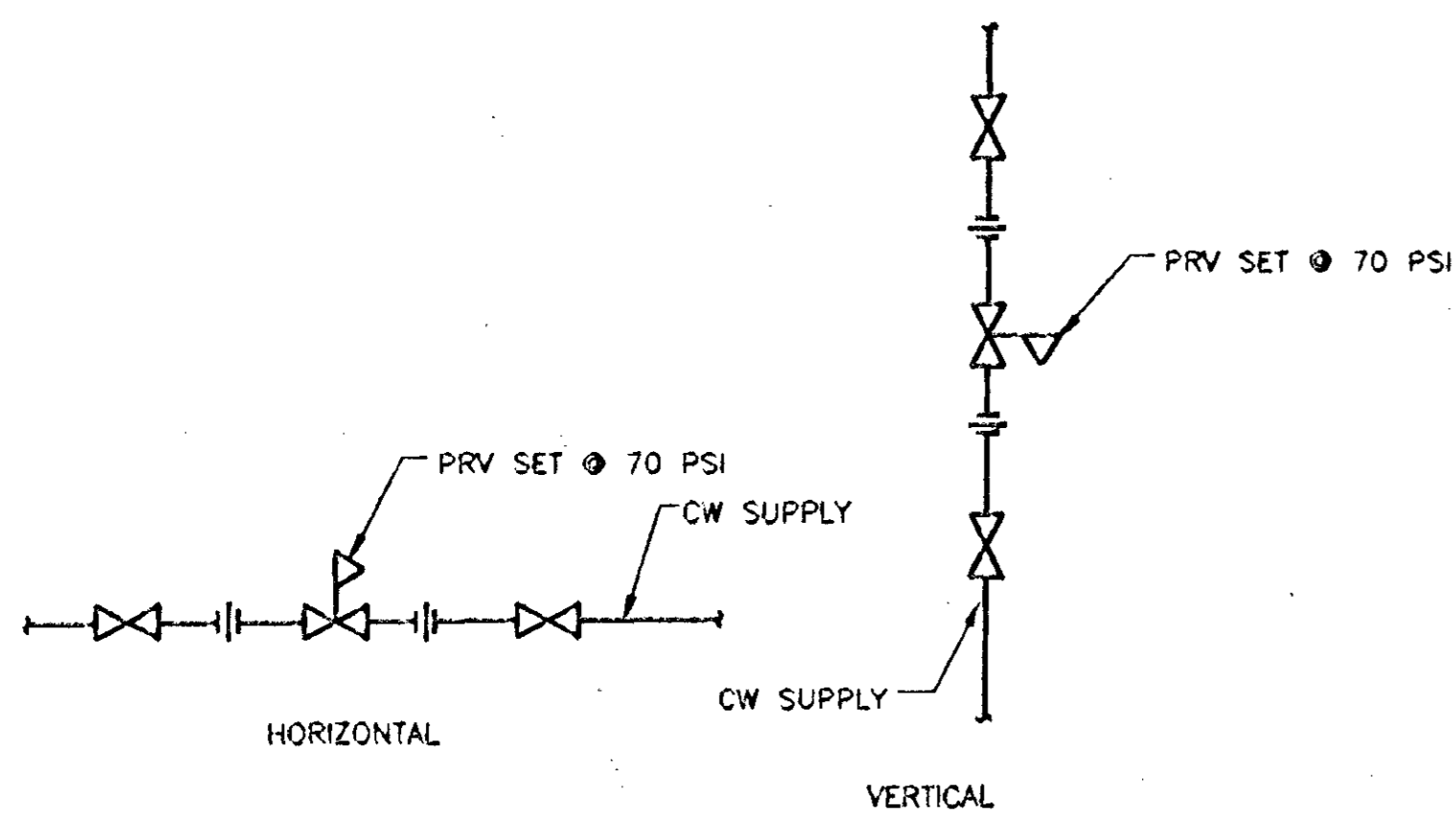
NEW WATER HEATERS

A. WH-1: RHEEM MODEL 22V30-1
30 GAL TANK
40,000 BTUH GAS INPUT

B. WH-2: RHEEM MODEL 22V205
20 GAL TANK
30,000 BTUH GAS INPUT

C. WH-3: RHEEM MODEL 21X40-7
40 GAL TANK
34,000 BTUH GAS INPUT
- PROVIDE WASHING MACHINE SERVICE BOX WITH WASTE, CW, AND HW WATER CONNECTIONS FOR EACH UNIT. SERVICE BOX SHALL BE GUY GRAY B200 OR B9200TS. PROVIDE A SIOUX CHIEF 660-H WATER HAMMER ARRESTER FOR EACH HW AND CW CONNECTION OF THE WASHING MACHINE BOX.
- REMOVE EXIST. GAS HEATING FURNACE AND GAS SHUT-OFF VALVE. REPLACE WITH NEW GAS HEATING FURNACE WITH GAS SHUT-OFF VALE SIZED TO MATCH EXIST. LOAD. PROVIDE NEW 3" FLEXIBLE CONNECTION AT S.A. OUTLET AND REVISE OR PROVIDE NEW DUCTWORK TO ACCOMMODATE NEW S.A. OPENING. REVISE EXIST. GAS FLUE AND GAS PIPING AS REQUIRED.
- REMOVE EXIST. REGISTER AND REPLACE WITH NEW REGISTER. SIZE AND CFM AS INDICATED ON THE DRAWINGS. NEW REGISTER SHALL NOT BE INSTALLED UNTIL ENTIRE DUCTWORK SYSTEM IS CLEANED. CONTRACTOR SHALL INSTALL NEW REGISTER AS FOLLOWS:
 - REGISTERS INSTALLED IN EXIST. WALLS SHALL BE INSTALLED FLUSH WITH EXIST. WALL.
 - REGISTERS INSTALLED IN NEW WALLS SHALL BE INSTALLED FLUSH WITH NEW WALL. REVISE EXIST. DUCTWORK AS REQUIRED.
 - REGISTERS WHICH ARE DUCT MOUNTED, WITH NO WALL, SHALL BE INSTALLED FLUSH WITH NEW DUCT ENCLOSURE. REVISE EXIST. DUCTWORK AS REQUIRED.

NOTE: SIZE SHOWN FOR REGISTERS IS DUCTWORK SIZE. ACTUAL REGISTERS ARE 2" LONGER IN EACH DIRECTION. FIELD VERIFY SIZE.



PRV DETAILS
SCALE: NTS

TONY SUDEKUM HOME RENOVATION
 IN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE

JAMES A. KIRSHBAUM
 ARCHITECT
 404 JAMES KIRSHBAUM PARKWAY
 NASHVILLE, TENNESSEE 37217
 Telephone 615/258-2170

WR&J Project No.:
32493101

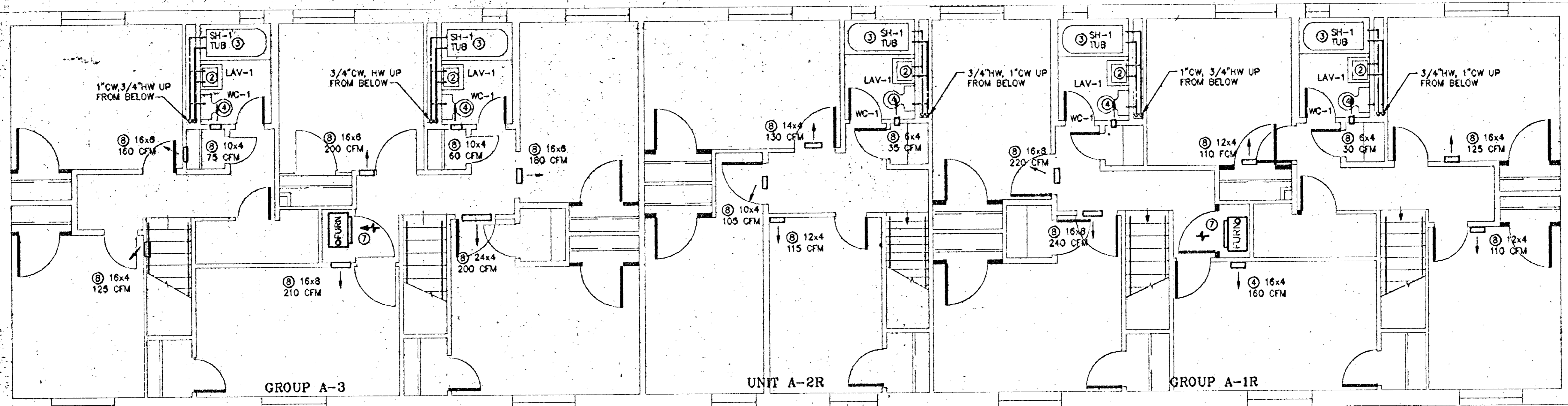
DATE: 8/3/93

NO.	DATE	REVISION

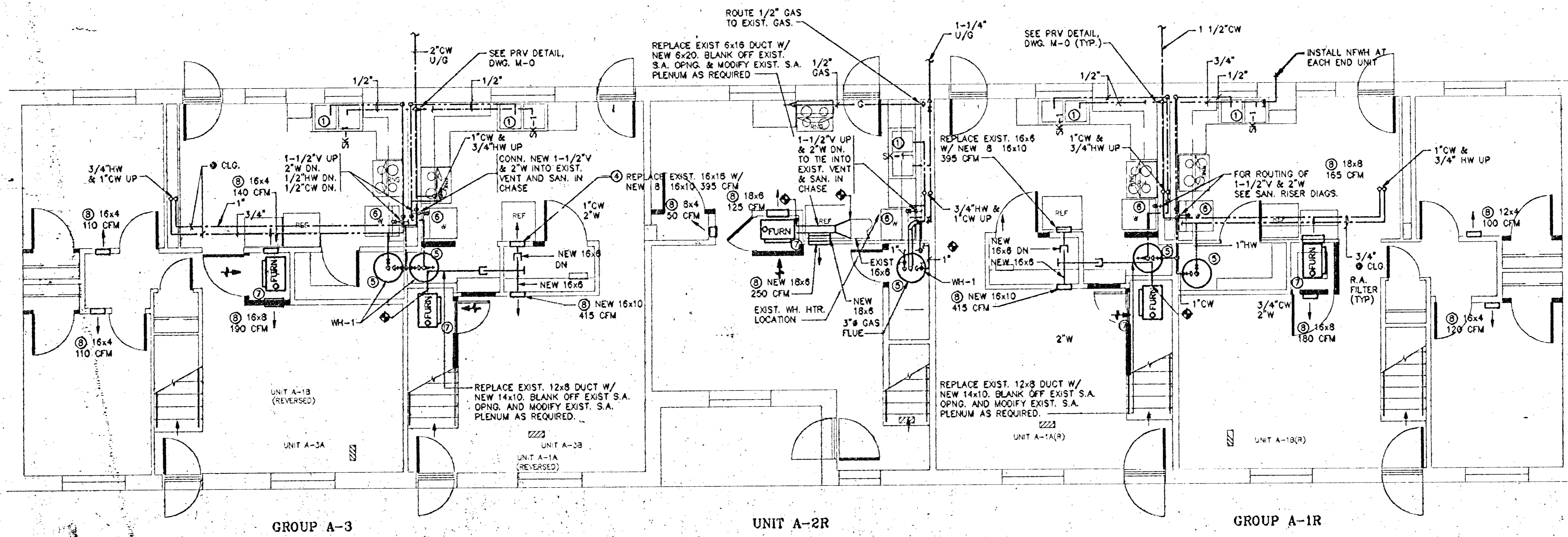
SHEET TITLE
M-0

williams • russell and johnson, inc.
 engineers • planners • architects
 Nashville Branch • Suite 1815
 404 James Kirshbaum Parkway
 Nashville, Tennessee 37217
 Telephone 615/258-2170

DRAWN BY: JAK
 CHECKED BY: JAK
 PLOT DATE: 7/16/93
 CADD FILE NO.: P-0



SECOND FLOOR PLAN (TYPE "A" - MECHANICAL)



FIRST FLOOR PLAN (TYPE "A" - MECHANICAL)

"NEW WORK" PLAN
 TYPE "A"
 FIRST/SECOND FLOORS
 SCALE 1/4"=1'-0"

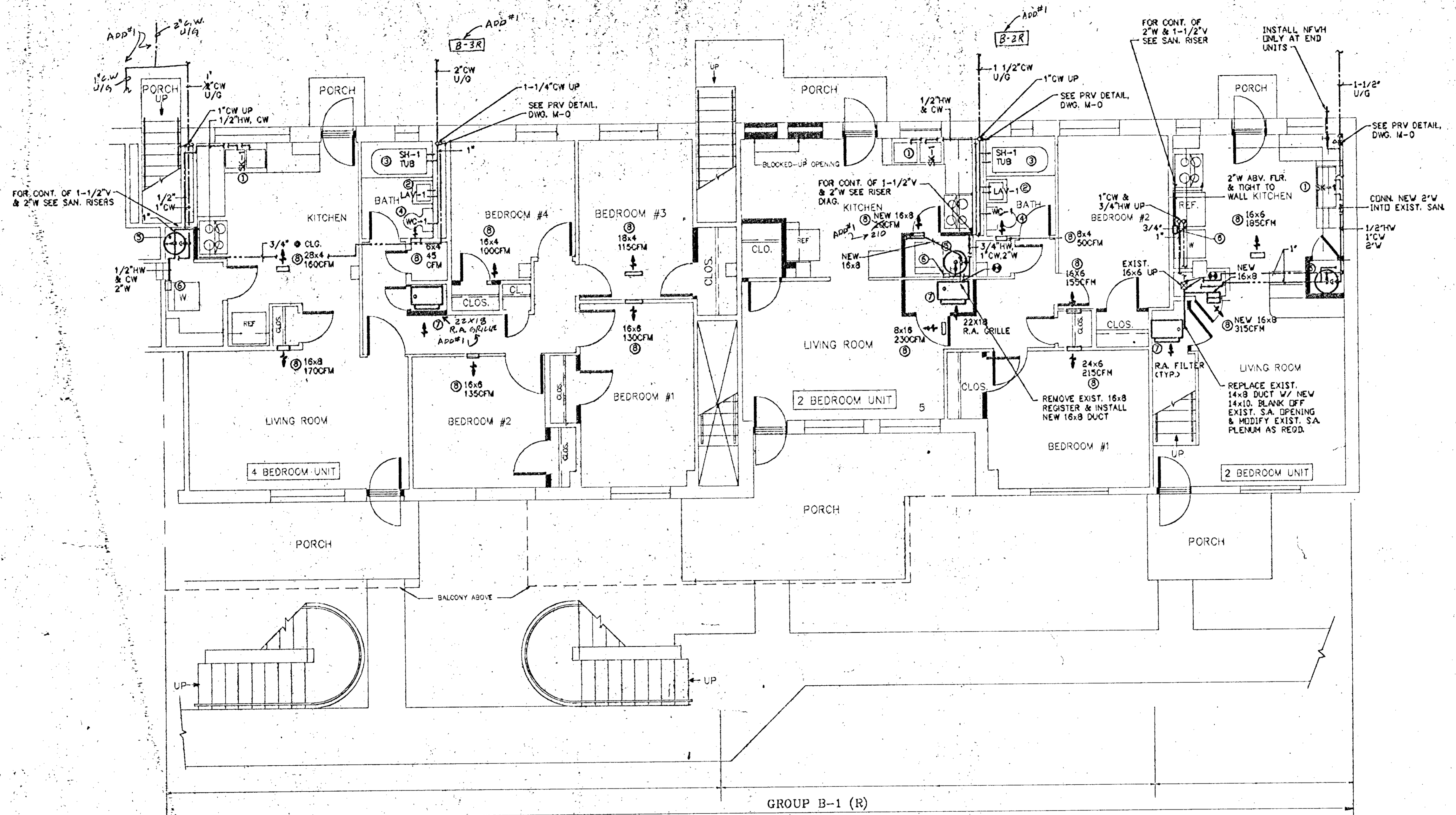
williams • russell and johnson, inc.
 Nashville Branch - Suite 1815
 Nashville, Tennessee 37219
 Telephone 615/252-2170
 DRAWN BY: RAK
 CHECKED BY: JAK
 PLOT DATE: 7/28/93
 CADD FILE NO.: P-1

TONY SUDEKUM HOME RENOVATION
 TN006-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



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DATE: 8/3/93
 WR&J Project No.: 32493101
 SHEET TITLE: M-1



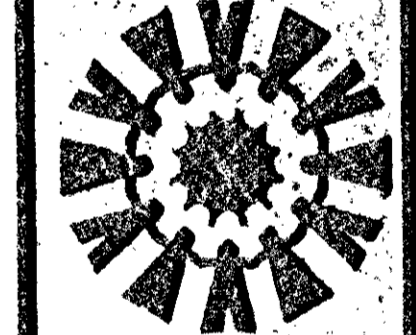
FIRST FLOOR PLAN (TYPE "B")

FIRST FLOOR PLAN (TYPE "B") - MECHANICAL
SCALE 1/4" = 1'-0"

"NEW WORK" PLAN
TYPE "B"
FIRST FLOOR
SCALE 1/4" = 1'-0"

Williams • Russell and Johnson, Inc.
Nashville Branch - Suite 1812
400 James Robertson Parkway
Nashville, Tennessee 37219
Telephone 615/252-2770
DRAWN BY: JAK
CHECKED BY: JAK
CADD FILE NO.: P-2
PLOT DATE: 7/16/93

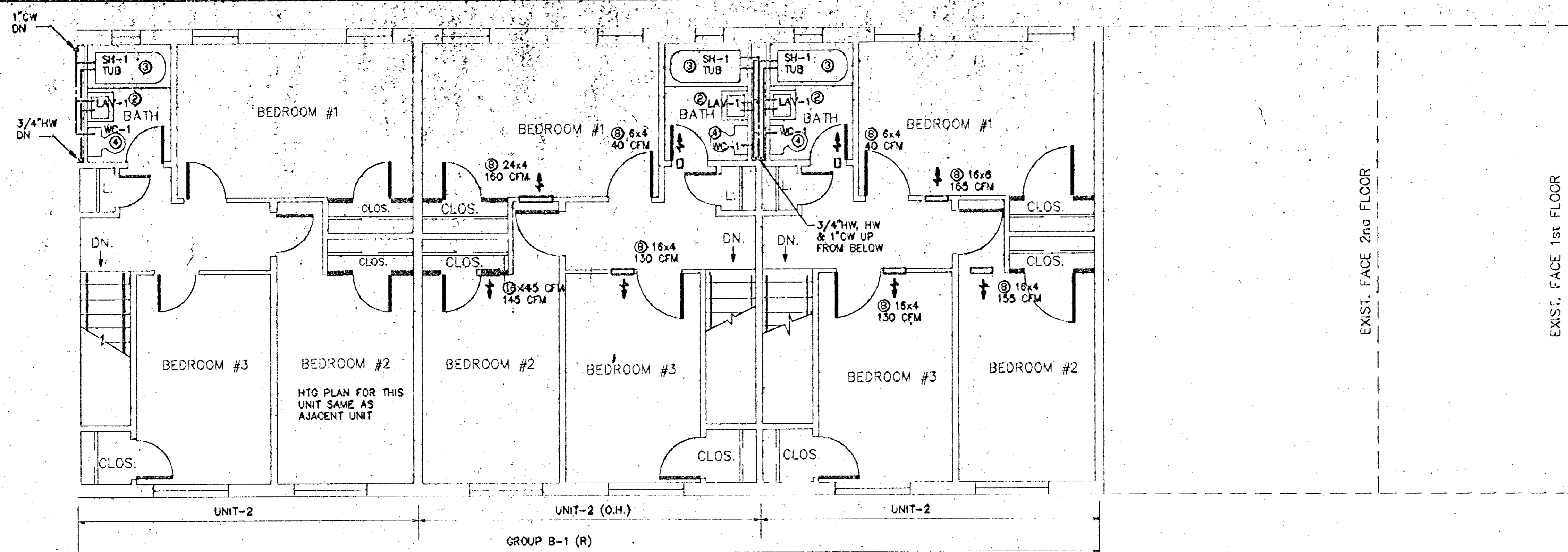
TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



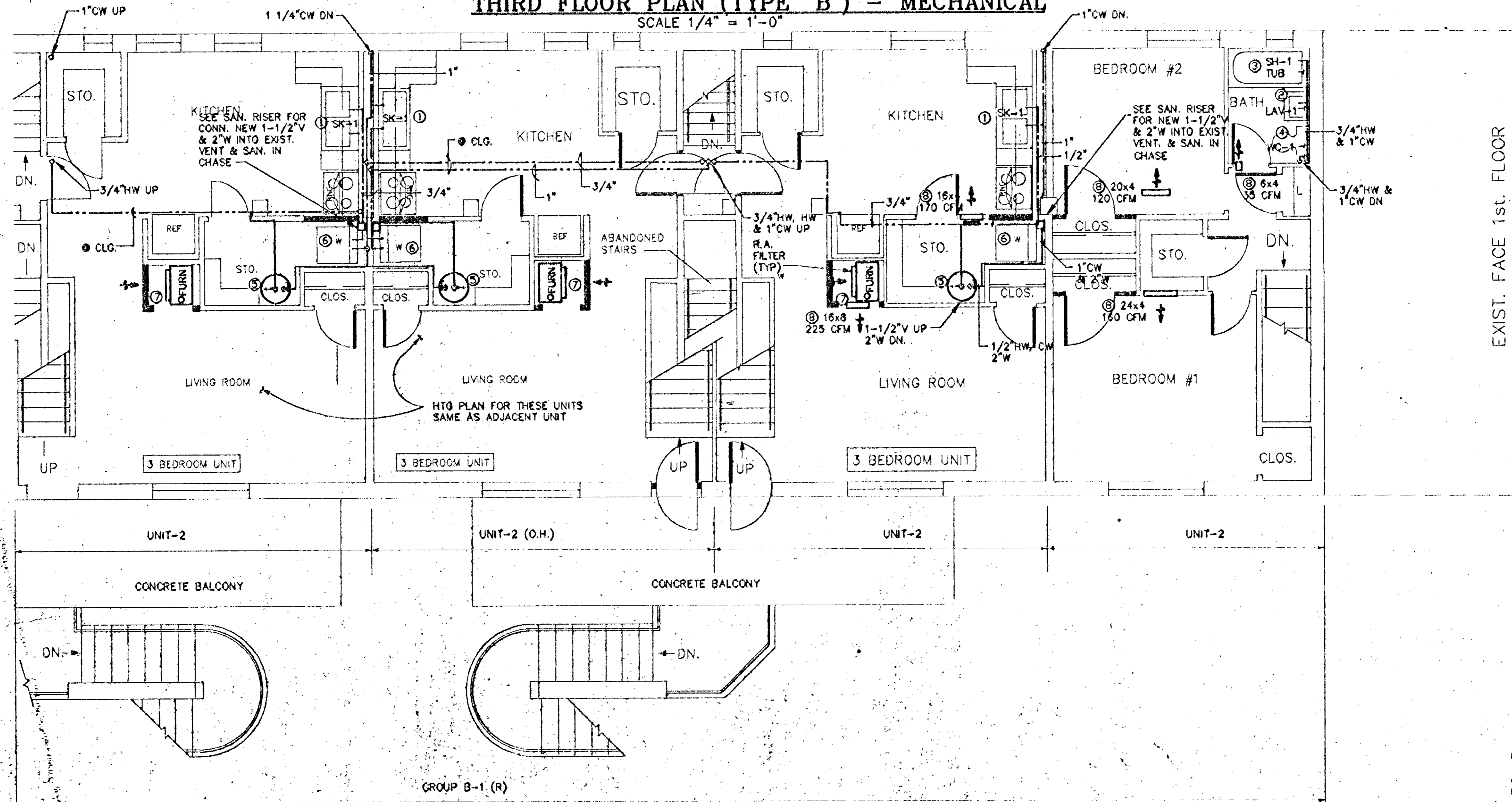
JAMES A. RIESSEN
NASHVILLE, TENNESSEE
STATE OF TENNESSEE
WR&J Project No.:
32493101
DATE: 7/19/93

NO.	DATE	REVISION

SHEET TITLE
M-2



THIRD FLOOR PLAN (TYPE "B") - MECHANICAL
SCALE 1/4" = 1'-0"



SECOND FLOOR PLAN (TYPE "B") - MECHANICAL
SCALE 1/8" = 1'-0"

EXIST. FACE 2nd FLOOR
EXIST. FACE 1st FLOOR

EXIST. FACE 1st. FLOOR

williams - russell and johnson, inc.
mechanical - plumbing - electrical
1400 James Robertson Parkway
Nashville, Tennessee 37203
Telephone 615/259-2170

DRAWN BY: RAK
CHECKED BY: JAK
CADD FILE NO: M-3
PLOT DATE: 7/16/93

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



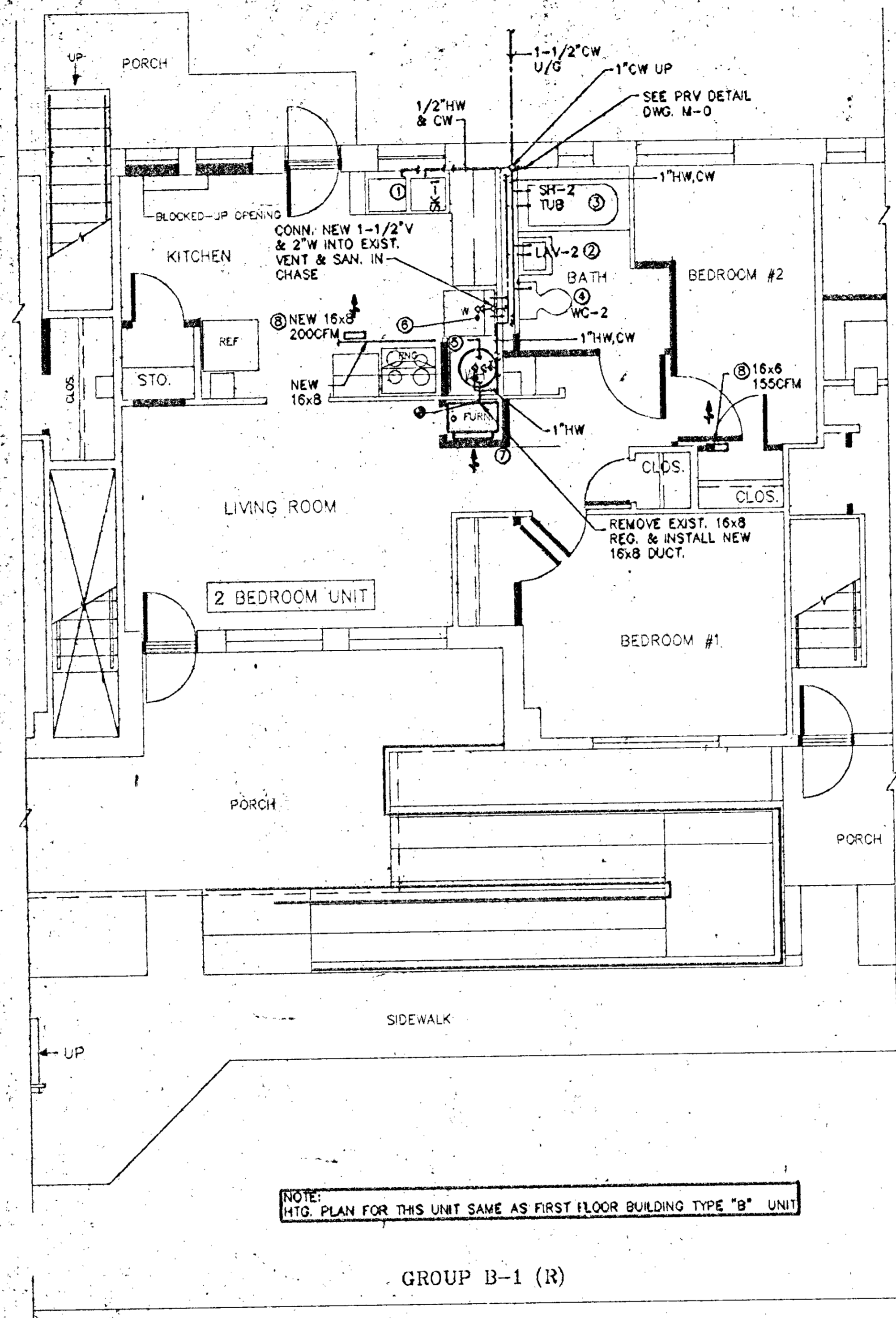
DATE: 8/3/93

NO.	DATE	REVISION

"NEW WORK" PLAN
TYPE "B"
SECOND/THIRD FLOORS

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

SHEET TITLE
M-3



NOTE: HTG. PLAN FOR THIS UNIT SAME AS FIRST FLOOR BUILDING TYPE "B" UNIT

GROUP B-1 (R)

FIRST FLOOR PLAN (TYPE "B") HANDICAPPED - MECHANICAL
 SCALE: 1/4"=1'-0"

"NEW HANDICAPPED WORK" PLAN
TYPE "B"
FIRST FLOOR
 SCALE: 1/4"=1'-0"

williams - russell and johnson, inc.
 Mechanical - Plumbing - Electrical
 Nashville Branch - Suite 1815
 400 James Robertson Parkway
 Nashville, Tennessee 37203-1170

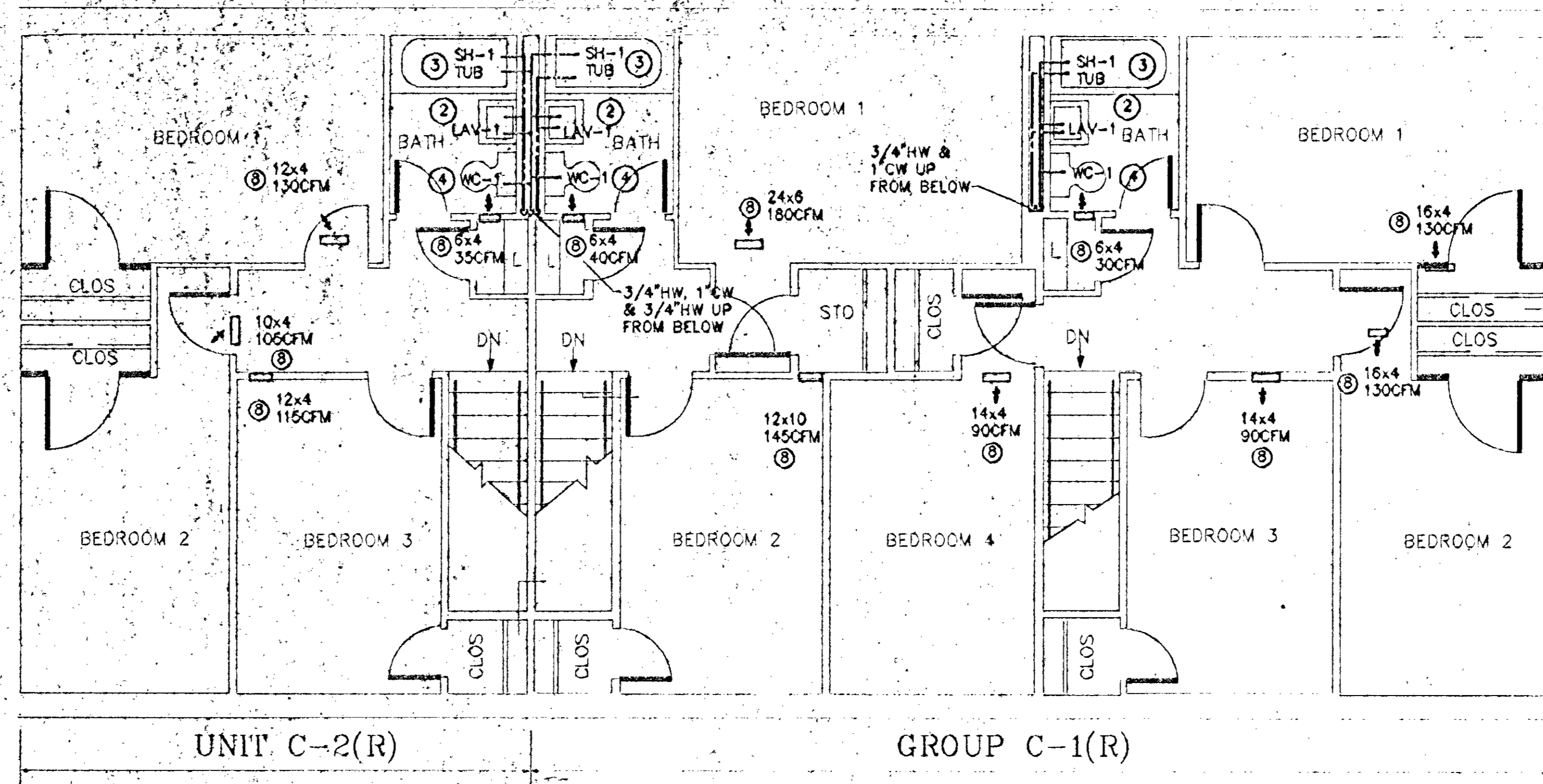
TONY SUDEKUM HOME RENOVATION
 TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE

WR&J Project No. 52493101
 DATE: 8/3/93

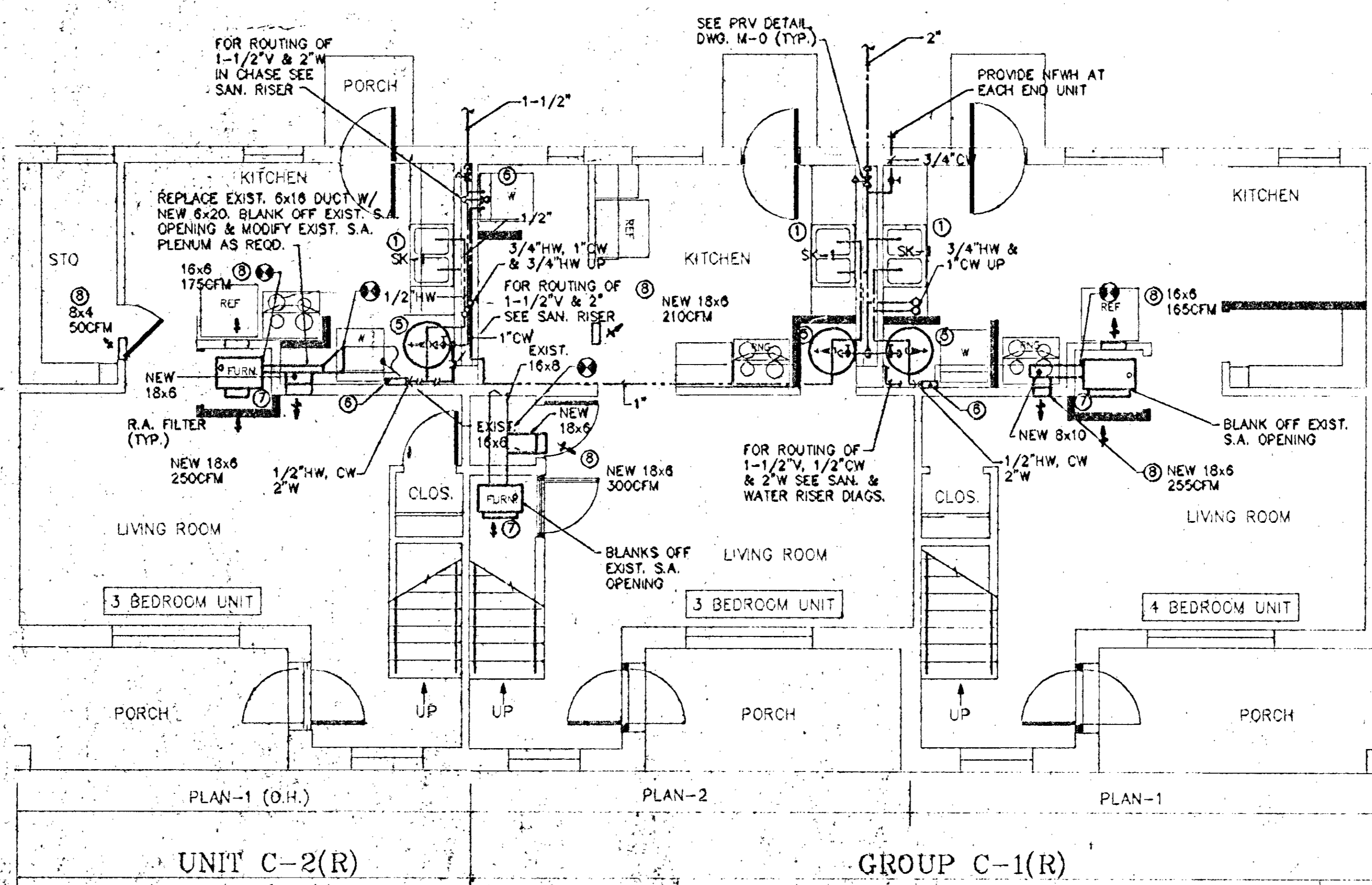
NO.	DATE	REVISION

SHEET TITLE
M-4

DRAWN BY: JLD CADD FILE NO: P-15
 CHECKED BY: RAK PLOT DATE: 7/16/93



SECOND FLOOR PLAN (TYPE "C")



FIRST FLOOR PLAN (TYPE "C") - MECHANICAL
SCALE 1/4" = 1'-0"

"NEW WORK" PLAN
TYPE "C"
FIRST/SECOND FLOORS

SCALE 1/4" = 1'-0"

williams - russell and jackson, inc.
Nashville Branch, Suite 1815
404 Union Station Building
Nashville, Tennessee 37203
Telephone 615/259-4170

TONY SUDEKUM HOME RENOVATION
TN005-005

METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

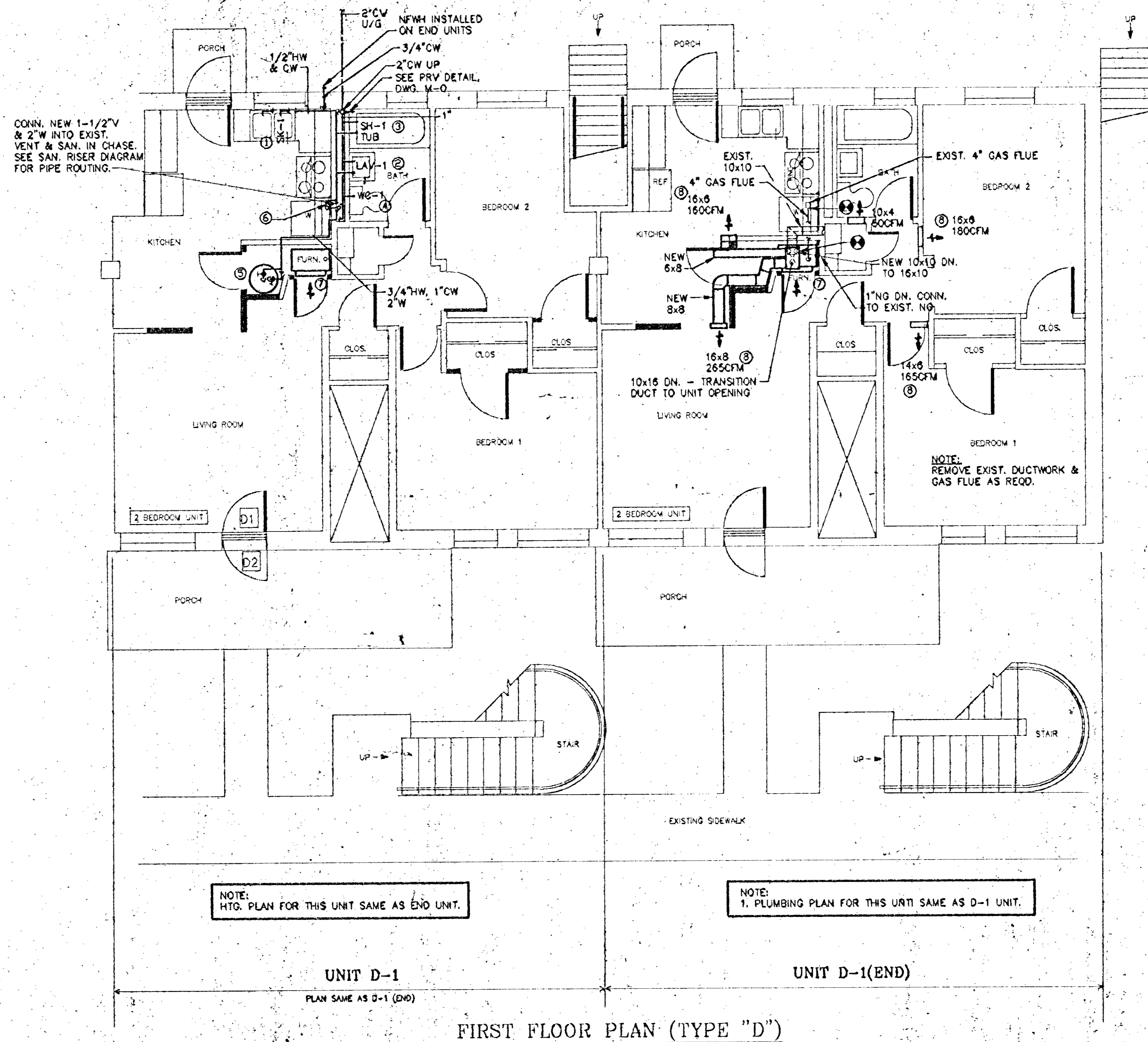
SEAL: JAMES H. KIRKLAND, ARCHITECT, STATE OF TENNESSEE

NR&H Project No. 32433101
DATE: 8/3/93

NO.	DATE	REVISION

SHEET TITLE
M-5

DRAWN BY: JLD CAD FILE NO. P-4
CHECKED BY: JAK PLOT DATE: 7/29/93



FIRST FLOOR PLAN (TYPE "D") - MECHANICAL
SCALE 1/4" = 1'-0"

"NEW WORK" PLAN
TYPE "D"
FIRST FLOOR
SCALE: 1/4" = 1'-0"

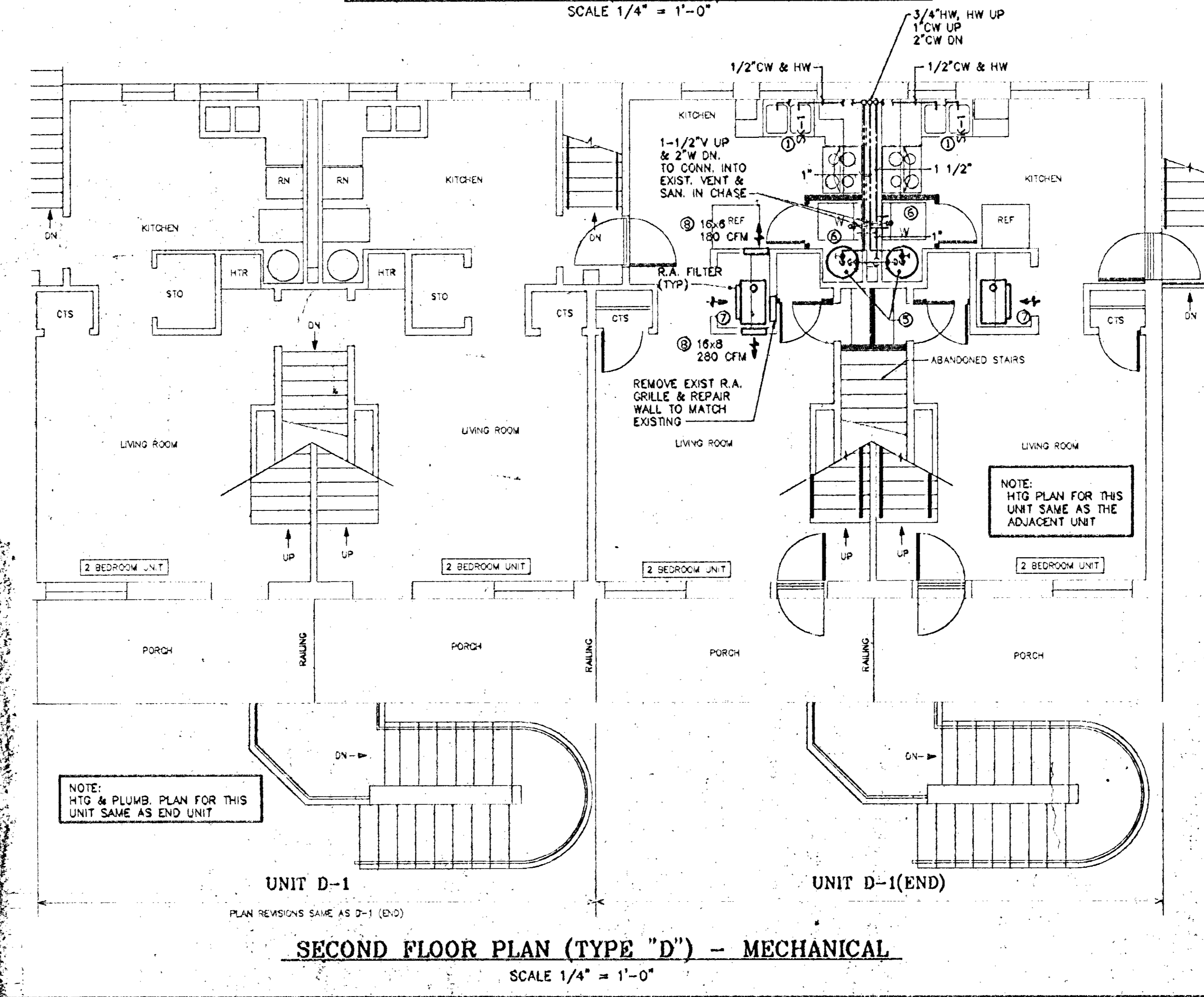
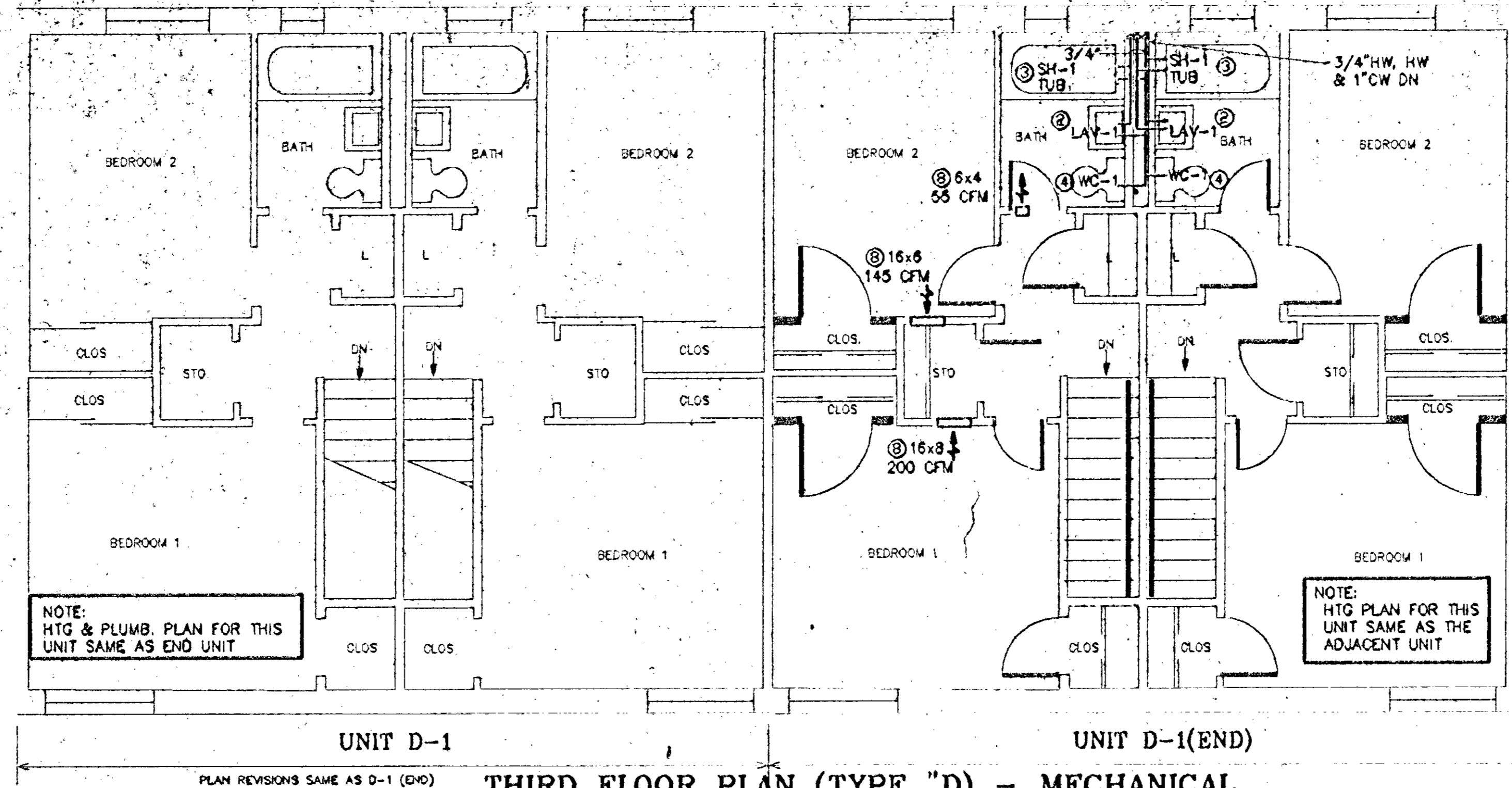
williams • russell and johnson, inc.
engineers • planners • architects
Nashville Branch • Suite 1815
404 James Robertson Parkway
Nashville, Tennessee 37203-3170
TELEPHONE 615/259-3170
FAX 615/259-3170
DRAWN BY: RAK | CAD FILE NO.: P-5
CHECKED BY: JAK | PLOT DATE: 7/16/93

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



NO.	DATE	REVISION

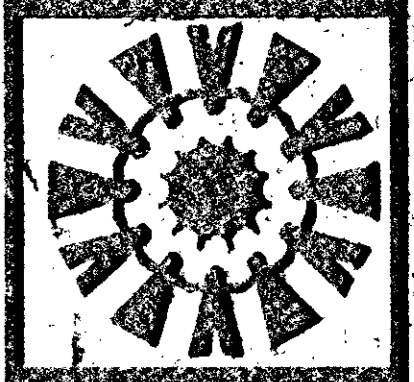
SHEET TITLE
M-6



"NEW WORK" PLAN
 TYPE "D"
 SECOND/THIRD FLOORS
 SCALE 1/4"=1'-0"

williams • russell and johnson, Inc.
 Nashville, Tennessee
 DRAWN BY: RAK
 CHECKED BY: JAK
 CADD FILE NO.: P-6
 PLOT DATE: 7/29/93

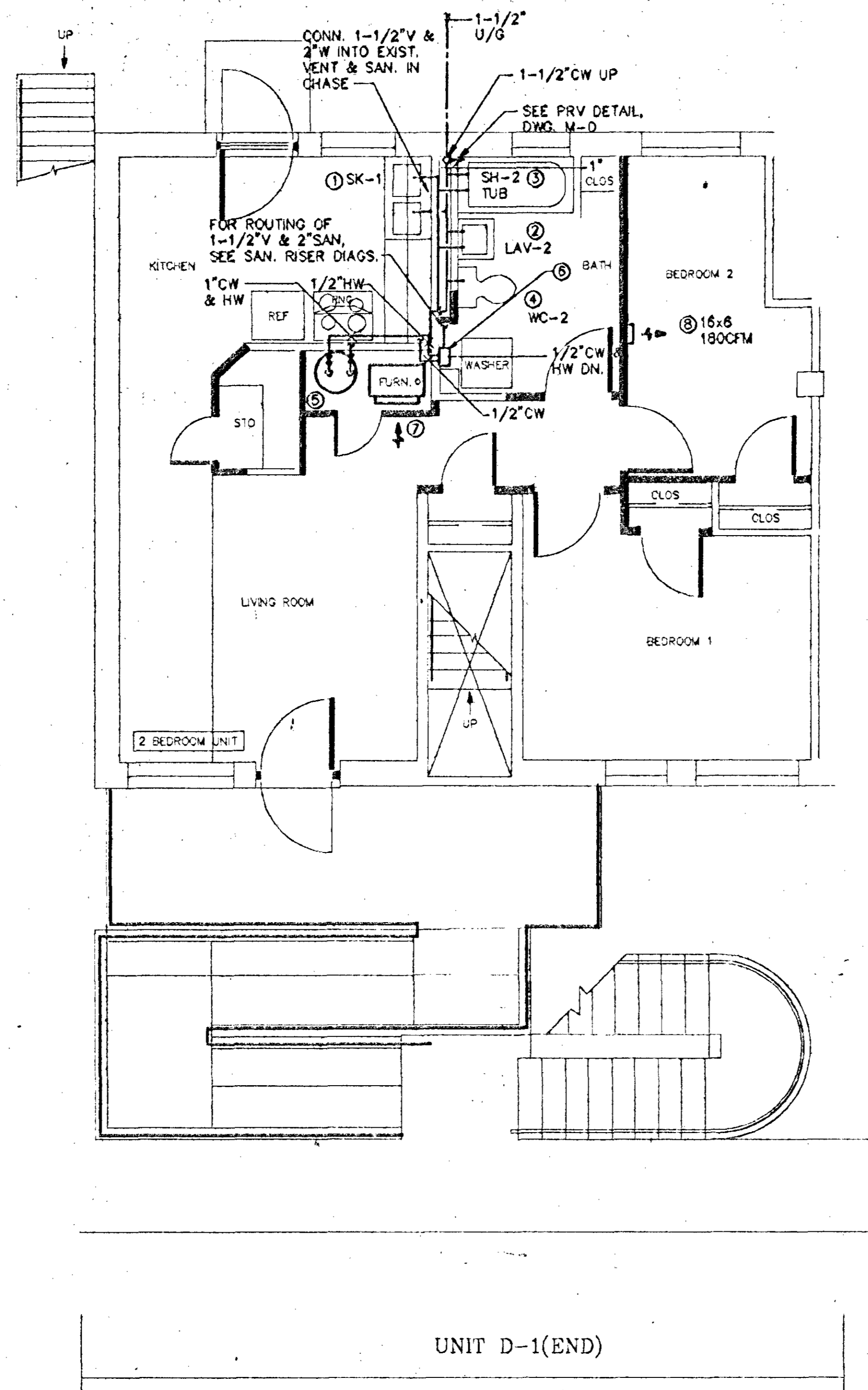
TONY SUDEKUM HOME RENOVATION
 TN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



JAMES A. KIBLER
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF TENNESSEE
 WR&J Project No.: 32493101
 DATE: 8/3/93

NO.	DATE	REVISION

SHEET TITLE
 M-7



NOTE:
HTG. PLAN FOR THIS UNIT SAME AS FIRST FLOOR BUILDING TYPE "D", UNITS
NEW WORK PLAN FOR HANDICAPPED UNITS

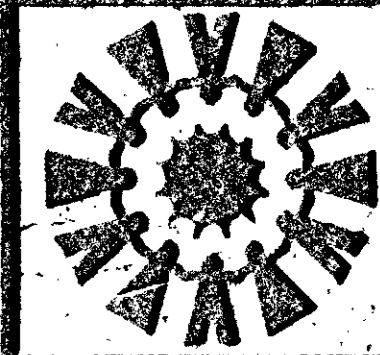
FIRST FLOOR PLAN (TYPE "D") HANDICAPPED - MECHANICAL
1/4"=1'-0"

"NEW HANDICAPPED WORK" PLAN
TYPE "D"
FIRST FLOOR

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

Williams • Russell and Johnson, Inc.
1815
Nashville, Tennessee 37215
Telephone 615/254-4170
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CHECKED BY: RAK PLOT DATE: 7/29/93

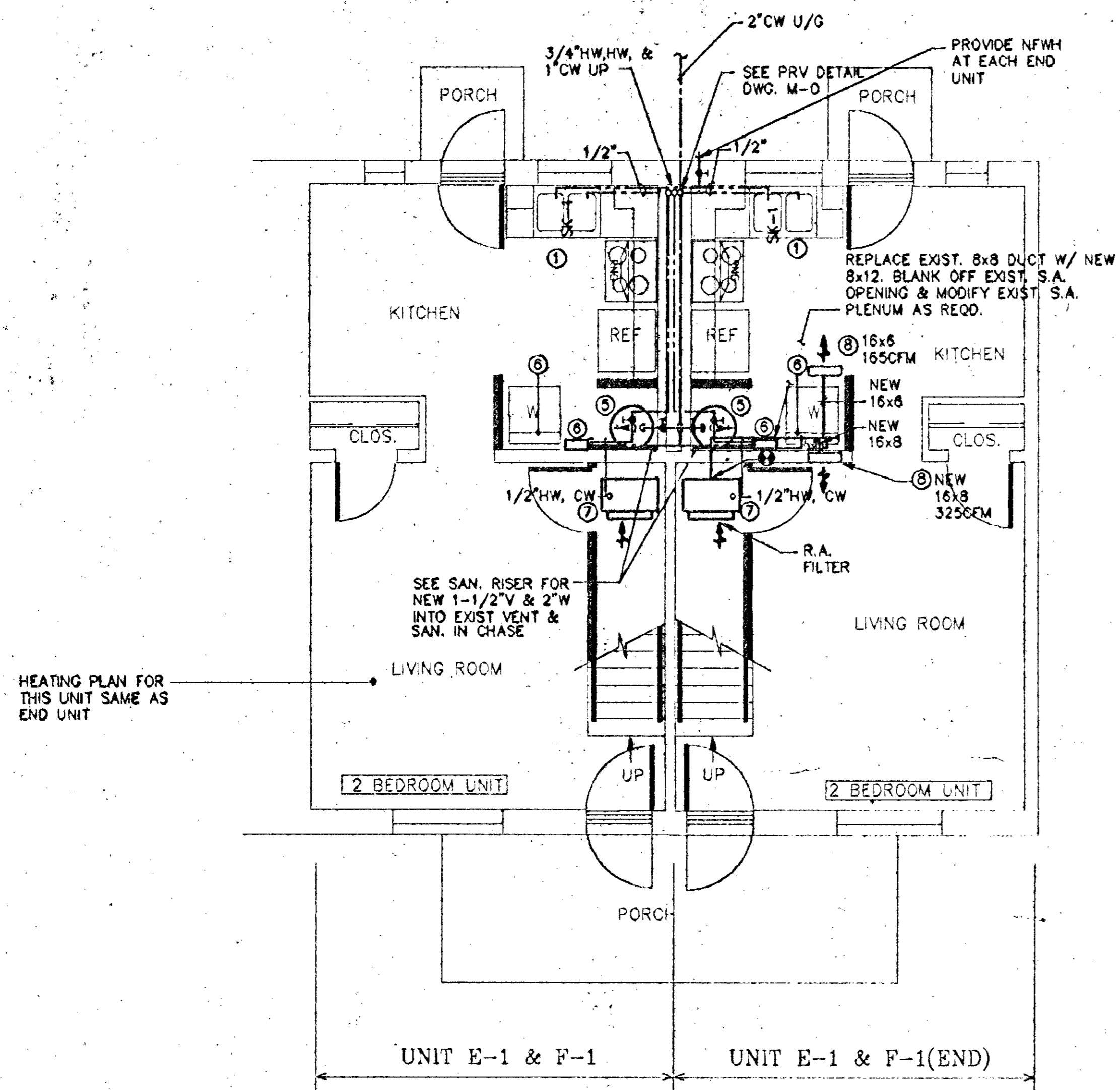
TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



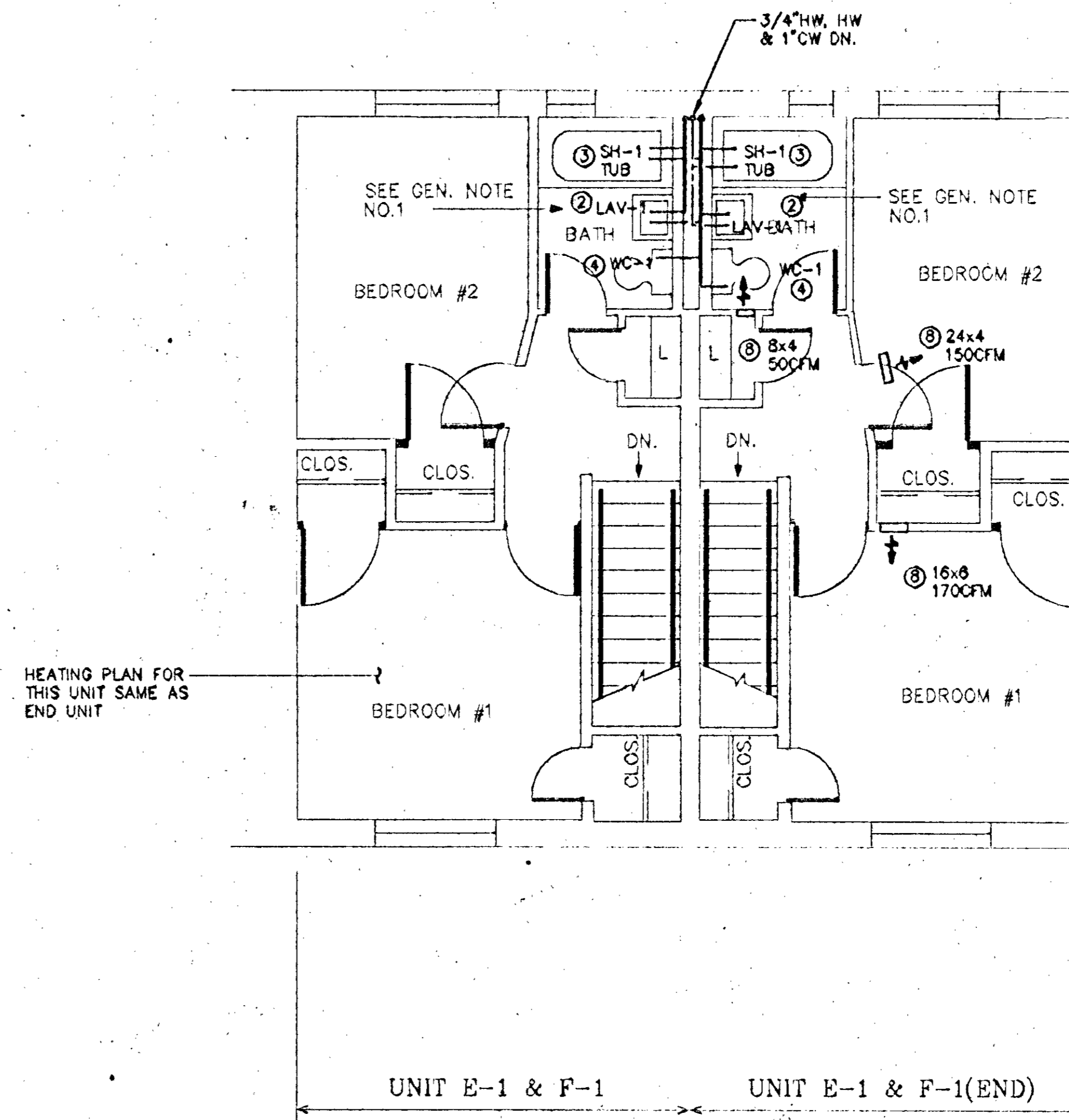
VR&J Project No:
32493101
DATE: 8/3/93

NO.	DATE	REVISION

SHEET TITLE
M-8



FIRST FLOOR PLAN (TYPE "E" & "F") - MECHANICAL
SCALE 1/4" = 1'-0"



SECOND FLOOR PLAN (TYPE "E" & "F") - MECHANICAL
SCALE 1/4" = 1'-0"

NEW WORK PLAN
FIRST FLOOR
BUILDING TYPE "E" & "F"
SCALE: 1/4" = 1'-0"

williams • russell and johnson, inc.
Mechanical • Electrical • Plumbing
1400 Union Station, Suite 2000
Nashville, Tennessee 37203
Telephone 615/259-5770

TONY SUDEKUM HOME RENOVATION
TN005-005

METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

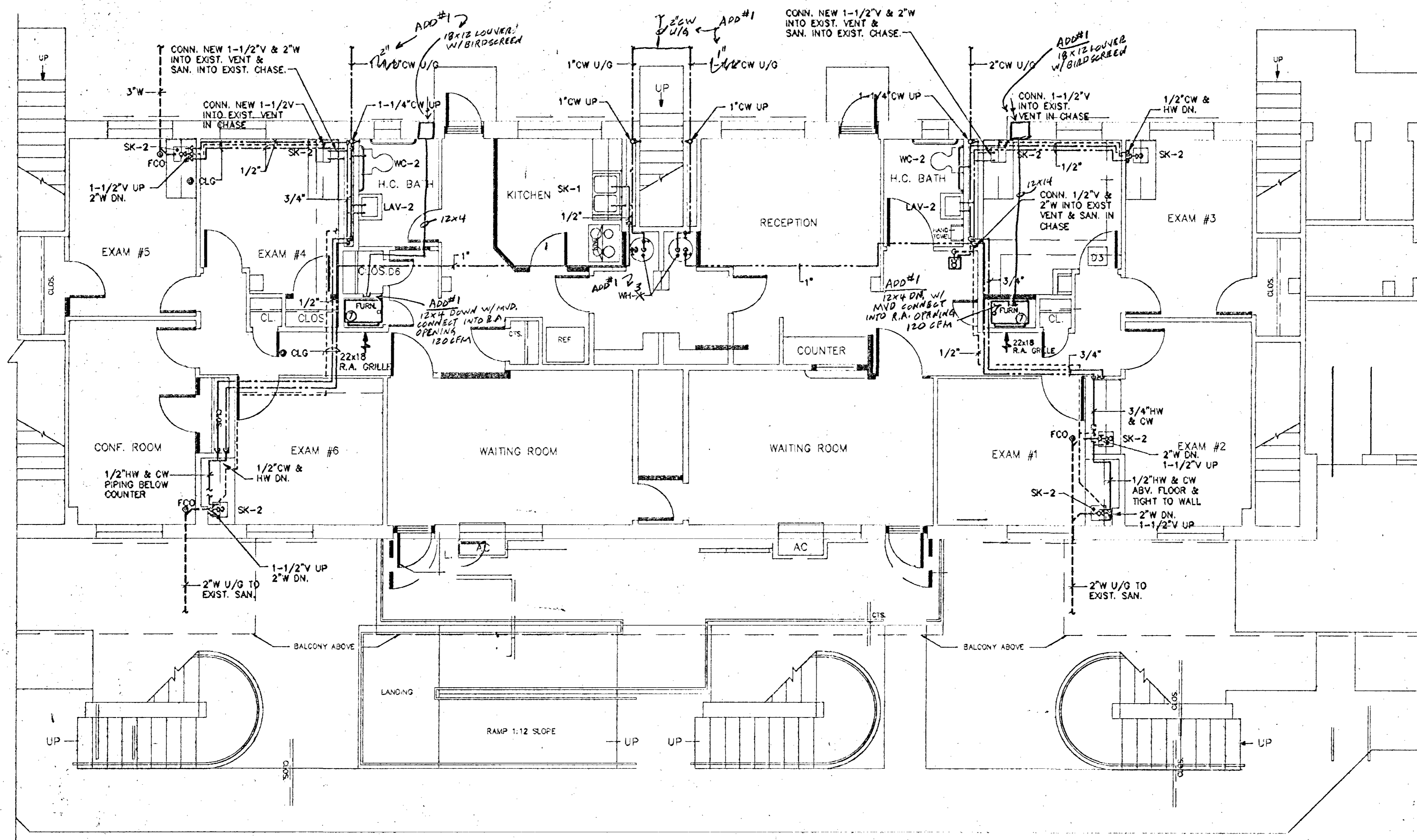
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CHECKED BY: RAK PLOT DATE: 7/16/93

JAMES A. KIRSCH
REGISTERED PROFESSIONAL ENGINEER
STATE OF TENNESSEE
No. 1519
EXPIRES 12/31/95

WR&J Project No. 32493101
DATE: 8/3/93

NO.	DATE	REVISION

SHEET TITLE
M-9



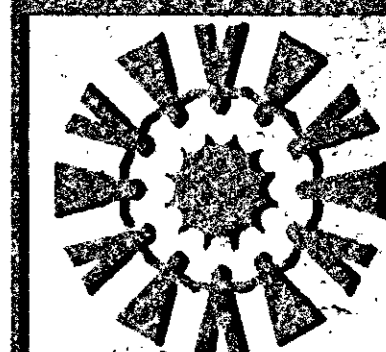
NOTE:
 1. REMAINDER OF CLINIC BLDG. SHALL BE PROVIDED WITH NEW HEATING & PLUMBING AS SHOWN ON THE "TYPE B" MECHANICAL DWGS.

CLINIC PLANS (NEW) - PLUMBING
 SCALE 1/4" = 1'-0"

"NEW WORK" PLAN
CLINIC BUILDING
FIRST FLOOR
 SCALE 1/4" = 1'-0"

williams - russell and johnson, inc.
 engineers - planners - architects
 Nashville Branch - Suite 1615
 401 James Robertson Parkway
 Nashville, Tennessee 37203
 Telephone 615/252-3170

TONY SUDEKUM HOME RENOVATION
 IN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



JAMES A. HESTER
 STATE OF TENNESSEE
 License No. 3249310T

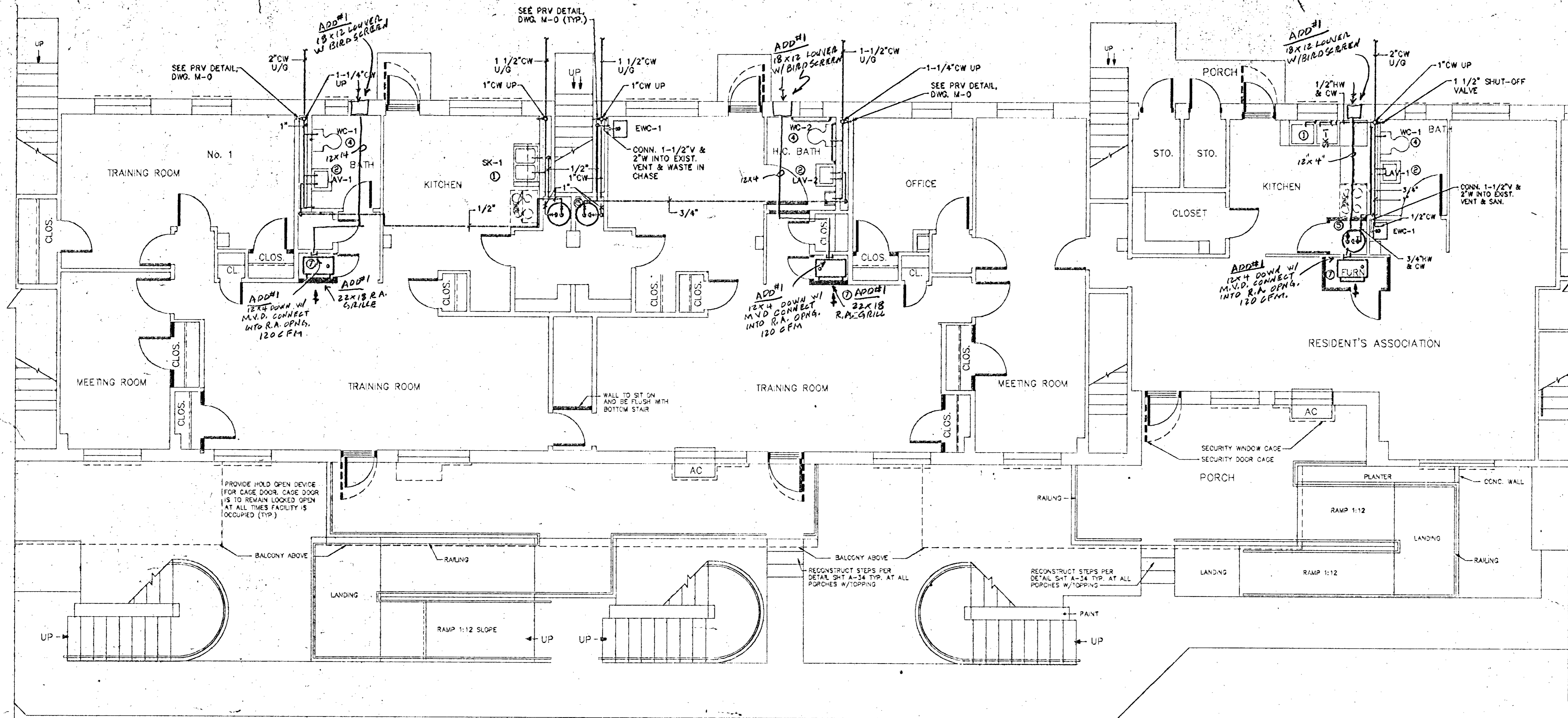
WR&J Project No:
 3249310T
 DATE: 8/3/93

NO.	DATE	REVISION

SHEET TITLE

M-10

DRAWN BY: RAK | CAD FILE NO.: P-8
 CHECKED BY: RAK | PLOT DATE: 7/16/93



NOTE:
 1. REMAINDER OF CLINIC BLDG. SHALL BE PROVIDED WITH NEW HEATING & PLUMBING AS SHOWN ON THE "TYPE B" MECHANICAL DWG.

TRAINING CENTER/RESIDENT'S ASSOCIATION - MECHANICAL
 SCALE 1/4" = 1'-0"

NEW WORK TRAINING CENTER
 SCALE 1/4" = 1'-0"

TONY SUDEKUM HOME RENOVATION
 TN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE

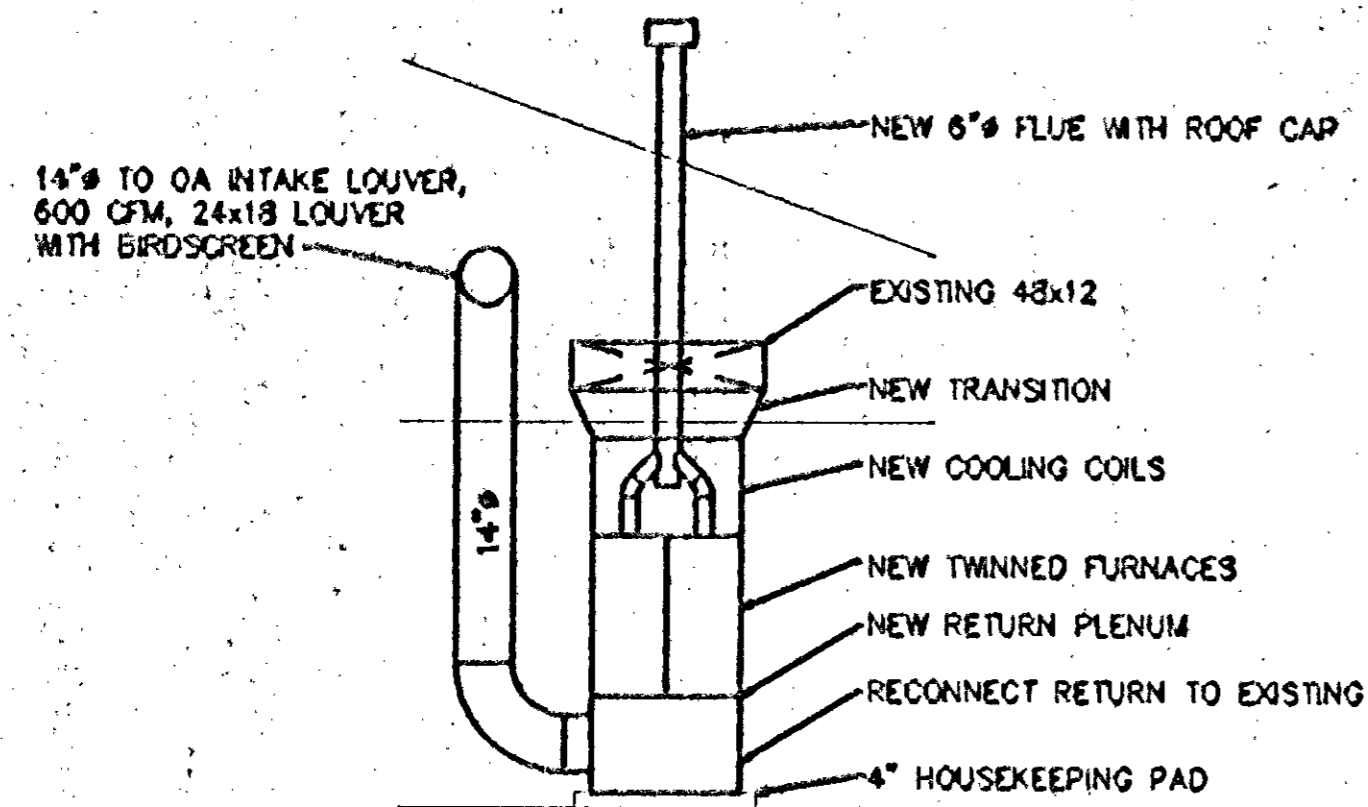
williams - russell and johnson, inc.
 Nashville Branch - Suite 4815
 404 Union Station, Nashville, TN 37203
 Telephone 615/252-2170

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 CHECKED BY: JAK
 PLOT DATE: 7/16/93
 CADD FILE NO.: P-0

JAMES A. KIRSCH
 REGISTERED PROFESSIONAL ENGINEER
 STATE OF TENNESSEE
 WR&J Project No.: 32493101
 DATE: 8/3/93

NO.	DATE	REVISION

SHEET TITLE
M-11



MECHANICAL ROOM SECTION

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

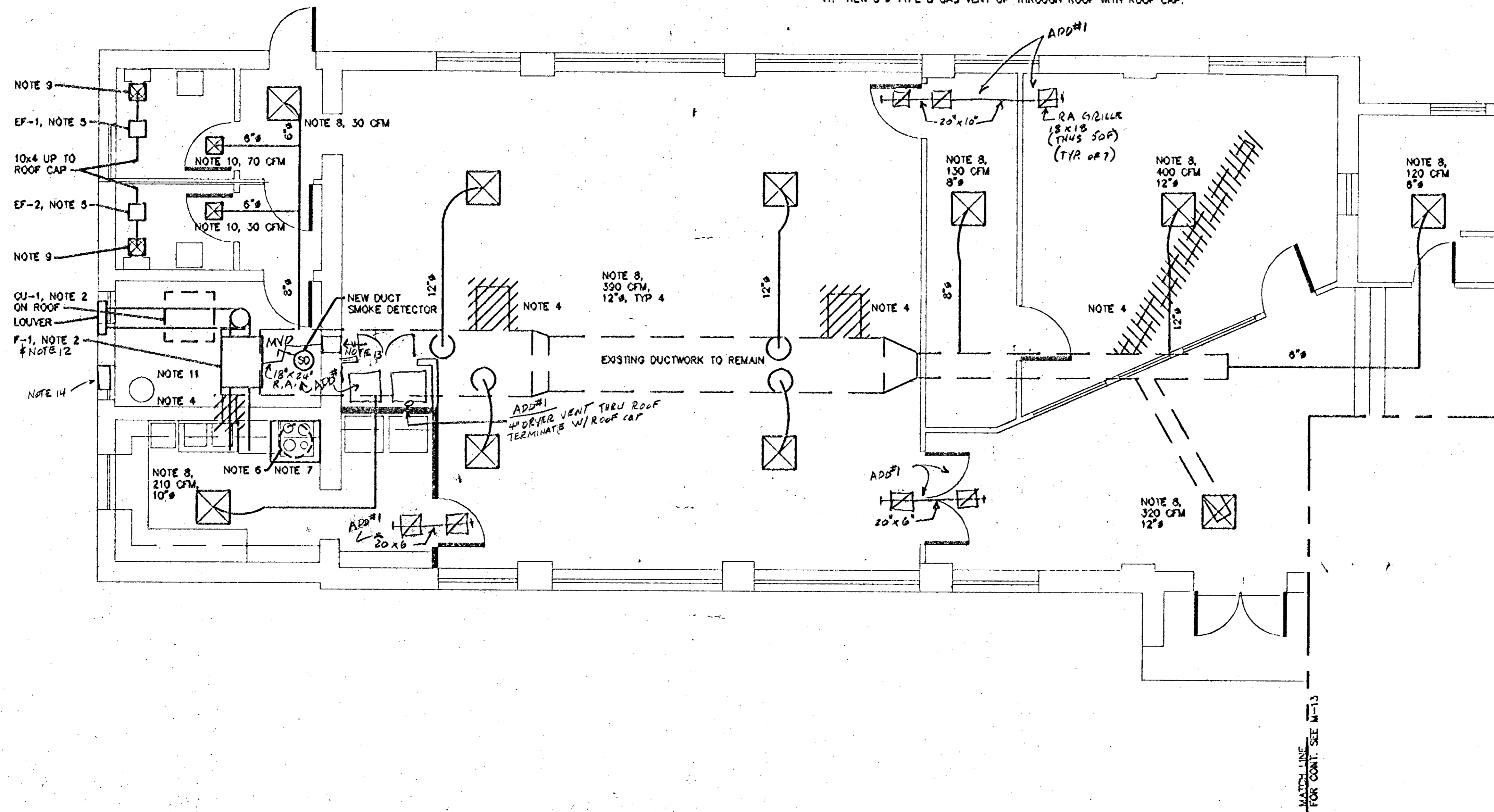
NOTES THIS SHEET

1. EXISTING DUCTWORK TO REMAIN EXCEPT AS NOTED.
2. REMOVE EXISTING FURNACE, COIL AND CONDENSING UNIT AND REPLACE WITH NEW UNITS TO PROVIDE 2800 CFM AND 7 TONS COOLING, 150 MSH OUTPUT HEATING, MINIMUM EFFICIENCIES SHALL BE 10.0 SEER COOLING AND 80% AFUE HEATING. CARRIER 58WAY FURNACE (F-1) WITH TWINNING KIT, 28LA COIL AND 38AKS CONDENSING UNIT (CU-1) OR EQUAL.
3. REMOVE ALL EXISTING AIR DISTRIBUTION DEVICES AND REPLACE AS SHOWN ON PLANS.
4. REMOVE RUNOUT AND SEAL DUCT AIRTIGHT.
5. NEW INLINE CABINET EXHAUST FAN (EF-1,2), 100 CFM AT 1/8 IN H2O ESP. PROVIDE WITH ROOF CAP, VIBRATION ISOLATION AND UNIT MOUNTED DISCONNECT, GREENHECK SP OR EQUAL.
6. NEW ROOF MOUNTED UPBLAST FAN (EF-3), PROVIDE WITH SLOPED ROOF CURB, CURB EXTENSION, BIRD SCREEN AND UNIT MOUNTED DISCONNECT, 400 CFM AT 1/2 IN H2O ESP. UNIT LISTED UL-762, GREENHECK CUE OR EQUAL.
7. NEW KITCHEN HOOD.
8. NEW 24x24 PERFORATED CEILING DIFFUSER, TITUS PAS WITH NECK SIZES AS INDICATED ON PLAN.
9. NEW EGGRATE CEILING EXHAUST REGISTER, 12x12, 100 CFM, TITUS 50F.
10. NEW 12x12 PERFORATED CEILING DIFFUSER, TITUS PAS, 6" NECK.
11. NEW 6" TYPE B GAS VENT UP THROUGH ROOF WITH ROOF CAP.

Sheet M-12 Add. Add Note 12, "12. Furnish and install new refrigerant lines between CU-1 and F-1, sized per MFR. recommendations."

Sheet M-12 Add. Add Note 13, "13. Install new 18"x48" R.A. Grille (Titus 30R3) and Duct to new R.A. plenum. Remove exist. R.A. Grille and Duct and patch wall to match exist."

Sheet M-12 Add. Add Note 14, "14. Install two 12"x12" wall louvers with birdscreen for combustion air. Install one within 12" of the top and one within 12" of the bottom of the room. Color of louvers to be selected by Architect."



ADMINISTRATION BUILDING - MECHANICAL

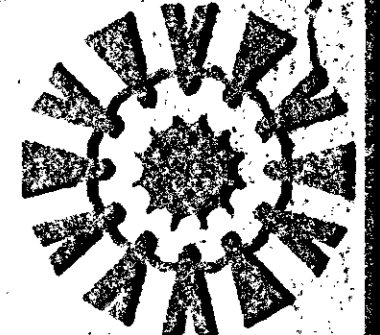
SCALE: 1/8"=1'-0"

"NEW WORK" PLAN
ADMINISTRATION BUILDING
FIRST FLOOR

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

williams • russell and johnson, Inc.
Mechanical Engineers • Planners • Architects
1415
1000 Main Building
Nashville, Tennessee 37219
Telephone 615/251-2170

TONY SUDEKUM HOME RENOVATION
IN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



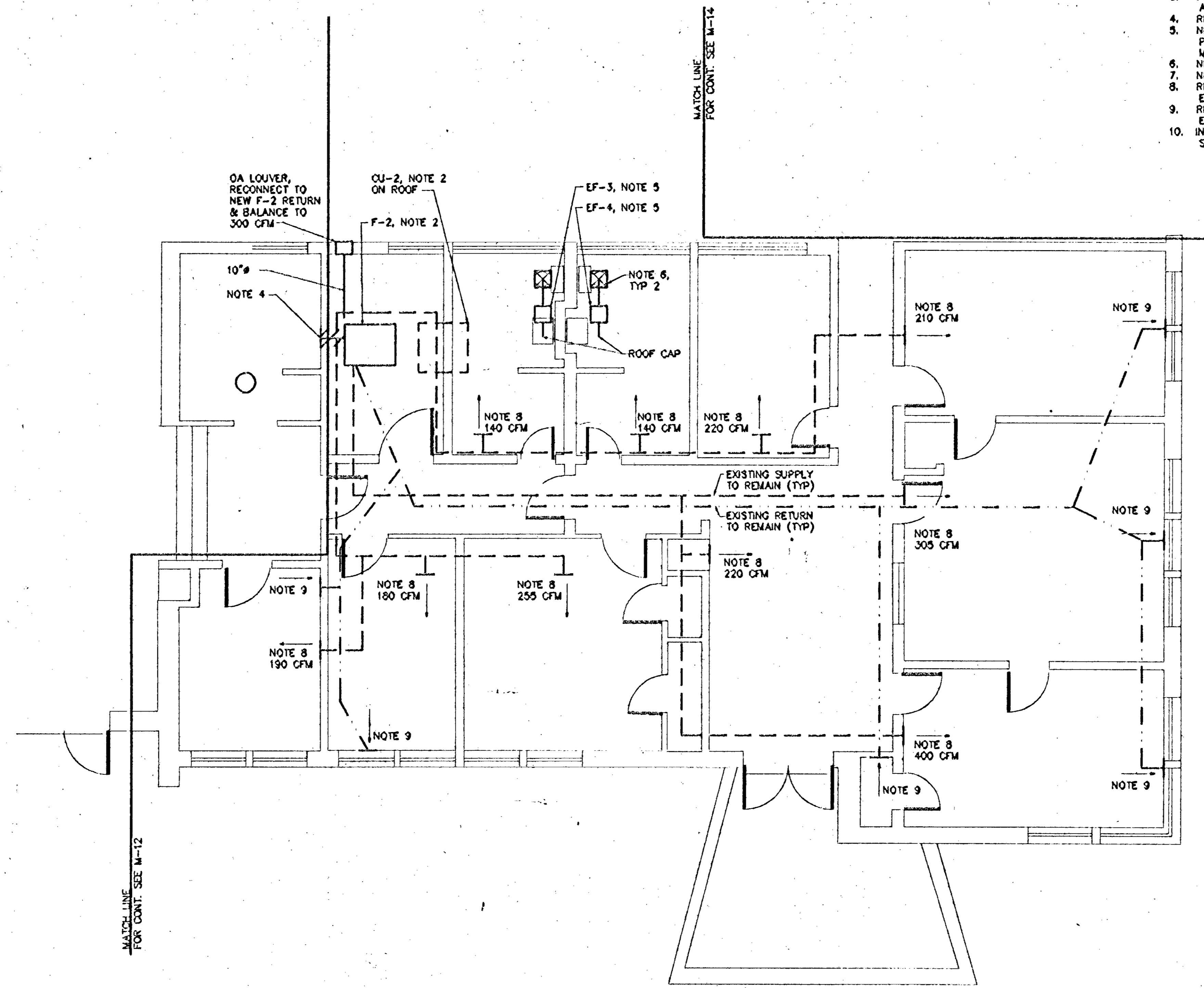
WR&J Project No.:
32493101

DATE: 8/3/93

NO.	DATE	REVISION

SHEET TITLE
M-12

DRAWN BY: JMP
CHECKED BY: JMP
PLOT DATE: 7/16/93



NOTES THIS SHEET

1. EXISTING DUCTWORK TO REMAIN EXCEPT AS NOTED.
2. REMOVE EXISTING FURNACE, COIL AND CONDENSING UNIT AND REPLACE WITH NEW UNITS TO PROVIDE 2400 CFM AND 7 TONS COOLING, 100 MBH OUTPUT HEATING. MINIMUM EFFICIENCIES SHALL BE 10.0 SEER COOLING AND 80% AFUE HEATING. CARRIER 58WAV FURNACE (F-2) WITH TWINNING KIT, 28LA COIL AND 38AKS CONDENSING UNIT (CU-2) OR EQUAL.
3. REMOVE ALL EXISTING AIR DISTRIBUTION DEVICES AND REPLACE AS SHOWN ON PLANS.
4. REMOVE RUNOUT AND SEAL DUCT AIRTIGHT.
5. NEW INLINE CABINET EXHAUST FANS (EF-3,4), 200 CFM AT 1/8 IN H2O ESP. PROVIDE WITH ROOF CAP, VIBRATION ISOLATION AND UNIT MOUNTED DISCONNECT, GREENHECK SP OR EQUAL.
6. NEW EGGRATE CEILING EXHAUST REGISTER, 12x12, 200 CFM, TITUS 50F.
7. NEW 6" TYPE B GAS VENT UP THROUGH ROOF WITH ROOF CAP.
8. REPLACE EXISTING SUPPLY REGISTER WITH NEW ONE TO MATCH EXISTING NECK SIZE, TITUS 300FL, CFM AS INDICATED ON PLAN.
9. REPLACE EXISTING RETURN GRILLE WITH NEW ONE TO MATCH EXISTING NECK SIZE, TITUS 350FL.
10. INSTALLATION OF FURNACE, COIL AND CONDENSING UNIT IS SIMILAR TO THAT SHOWN ON SECTION OF DRAWING M-12.

ADMINISTRATION BUILDING - MECHANICAL
SCALE: 1/8"=1'-0"

"NEW WORK" PLAN
ADMINISTRATION BUILDING
FIRST FLOOR

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

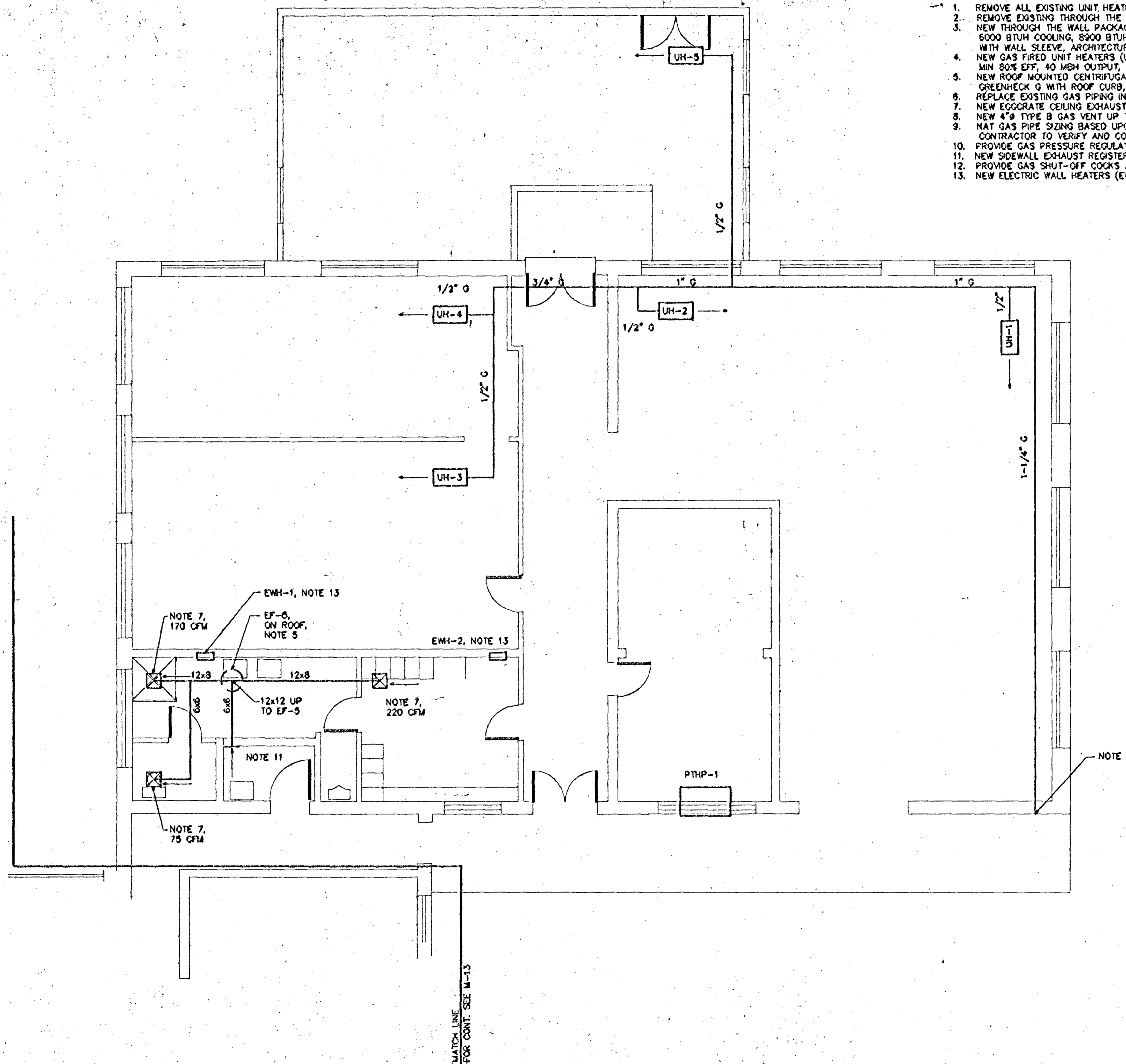
williams • russell and johnson, inc.
Mechanical Branch • Suite 1815
1404 Union Station Parkway
Nashville, Tennessee 37218
Telephone 615/259-8110
DRAWN BY: JWP CADD FILE NO.: M-13
CHECKED BY: JWP PLOT DATE: 7/16/93

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



NO.	DATE	REVISION

SHEET TITLE
M-13



NOTES THIS SHEET

1. REMOVE ALL EXISTING UNIT HEATERS, WALL HEATERS AND VENTS.
2. REMOVE EXISTING THROUGH THE WALL AIR CONDITIONING UNITS.
3. NEW THROUGH THE WALL PACKAGED TERMINAL HEAT PUMP (PTHP-1), 6000 BTUH COOLING, 8900 BTUH HEATING, MIN EER 9.5, CARRIER 52SQ WITH WALL SLEEVE, ARCHITECTURAL GRILLE, INDOOR TRIM AND CORD CONNECTED CHASSIS.
4. NEW GAS FIRED UNIT HEATERS (UH-1 TO 5) SUSPENDED FROM STRUCTURE 10'-0" AFF, MIN 80% EFF, 40 MSH OUTPUT, REZTOR FE-50, PROVIDE UNIT MOUNTED THERMOSTAT.
5. NEW ROOF MOUNTED CENTRIFUGAL EXHAUST FAN (EF-6), 540 CFM AT 0.2 IN WG ESP, GREENHECK G WITH ROOF CURB, UNIT MOUNTED DISCONNECT, BIRDSHIELD AND MOO.
6. REPLACE EXISTING GAS PIPING INSIDE BUILDING WITH NEW SCH. 40 BLACK STEEL.
7. NEW EGGRATE CEILING EXHAUST REGISTER, 12x12, CFM AS SHOWN, TITUS 50F.
8. NEW 4" TYPE B GAS VENT UP THROUGH ROOF WITH ROOF CAP FOR UH-1 TO 5.
9. NAT GAS PIPE SIZING BASED UPON 1/2 LB PRESSURE AT BUILDING, CONTRACTOR TO VERIFY AND COORDINATE WITH UTILITY COMPANY.
10. PROVIDE GAS PRESSURE REGULATORS FOR 1/2 LB TO 11" WC AT EACH UNIT HEATER.
11. NEW SIDEWALL EXHAUST REGISTER, 6x6 NECK SIZE, 75 CFM, TITUS 350F.
12. PROVIDE GAS SHUT-OFF COCKS AT ALL UNIT HEATERS AND AT BUILDING ENTRANCE.
13. NEW ELECTRIC WALL HEATERS (EWH-1,2), 3KW EACH, CHROMALOX AWH-4000.

ADMINISTRATION BUILDING - MECHANICAL
SCALE: 1/8"=1'-0"


"NEW WORK" PLAN
ADMINISTRATION BUILDING
FIRST FLOOR
SCALE: 1/8"=1'-0"

williams - russell and johnson, Inc.
Engineers - Planners - Architects
Nashville Branch - Suite 1815
404 James Robertson Parkway
Nashville, Tennessee 37203
Telephone 615/259-2170

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CHECKED BY: JMP PLOT DATE: 7/16/93

TONY SUDEKUM HOME RENOVATION
TN005-005

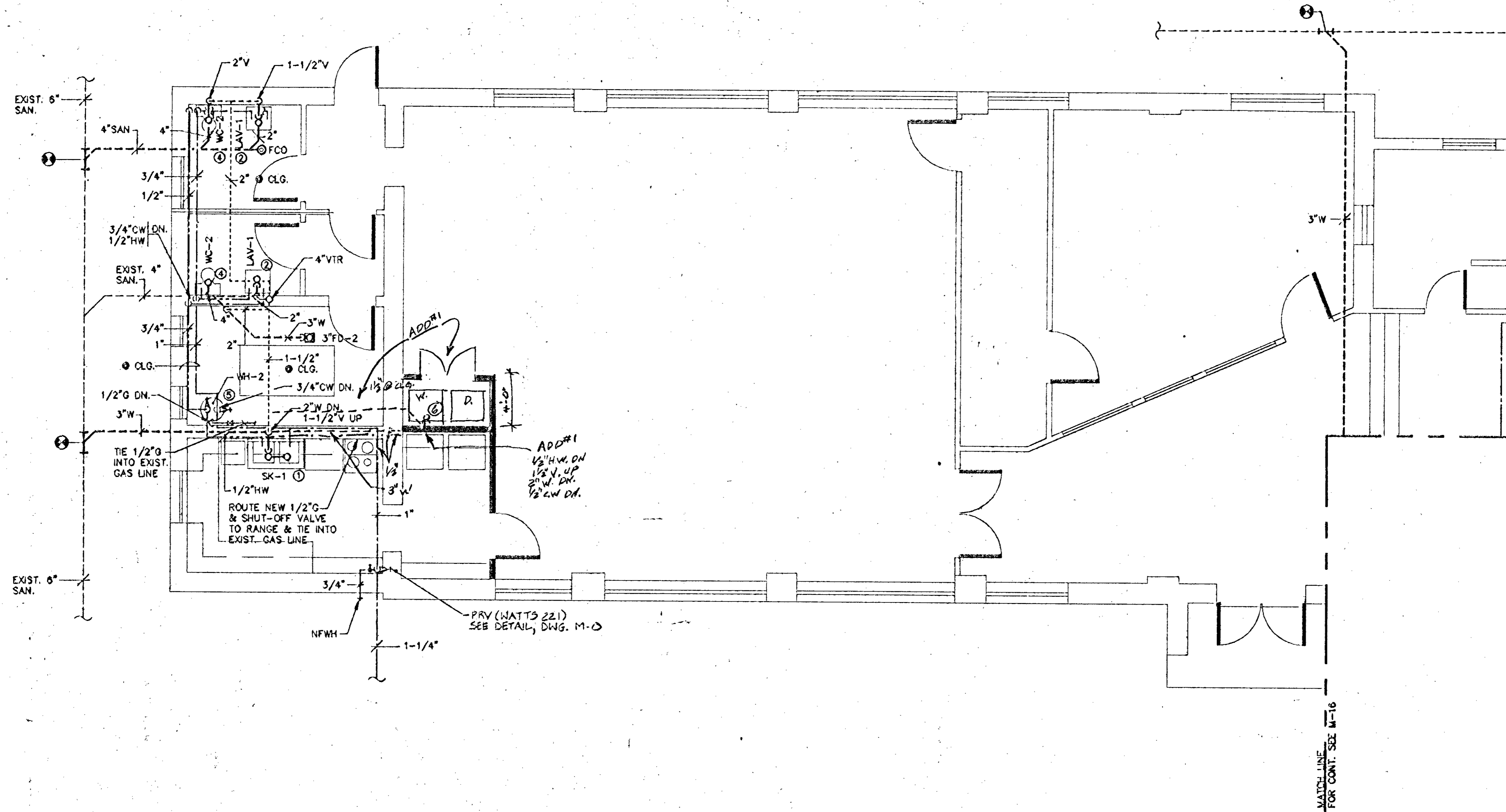
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



VR&J Project No. 32493101
DATE: 8/3/93

NO.	DATE	REVISION

SHEET TITLE
M-14



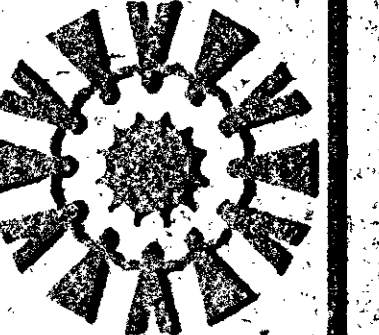
ADMINISTRATION BUILDING - MECHANICAL
 SCALE: 1/4"=1'-0"

"NEW WORK" PLAN
 ADMINISTRATION BUILDING
 FIRST FLOOR

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

williams • russell and johnson, inc.
 mechanical • plumbing • electrical
 1015
 27516
 252-4400
 DRAWN BY: JLD CADD FILE NO.: P-9
 CHECKED BY: RAK PLOT DATE: 7/28/93

TONY SUDEKUM HOME RENOVATION
 TN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE

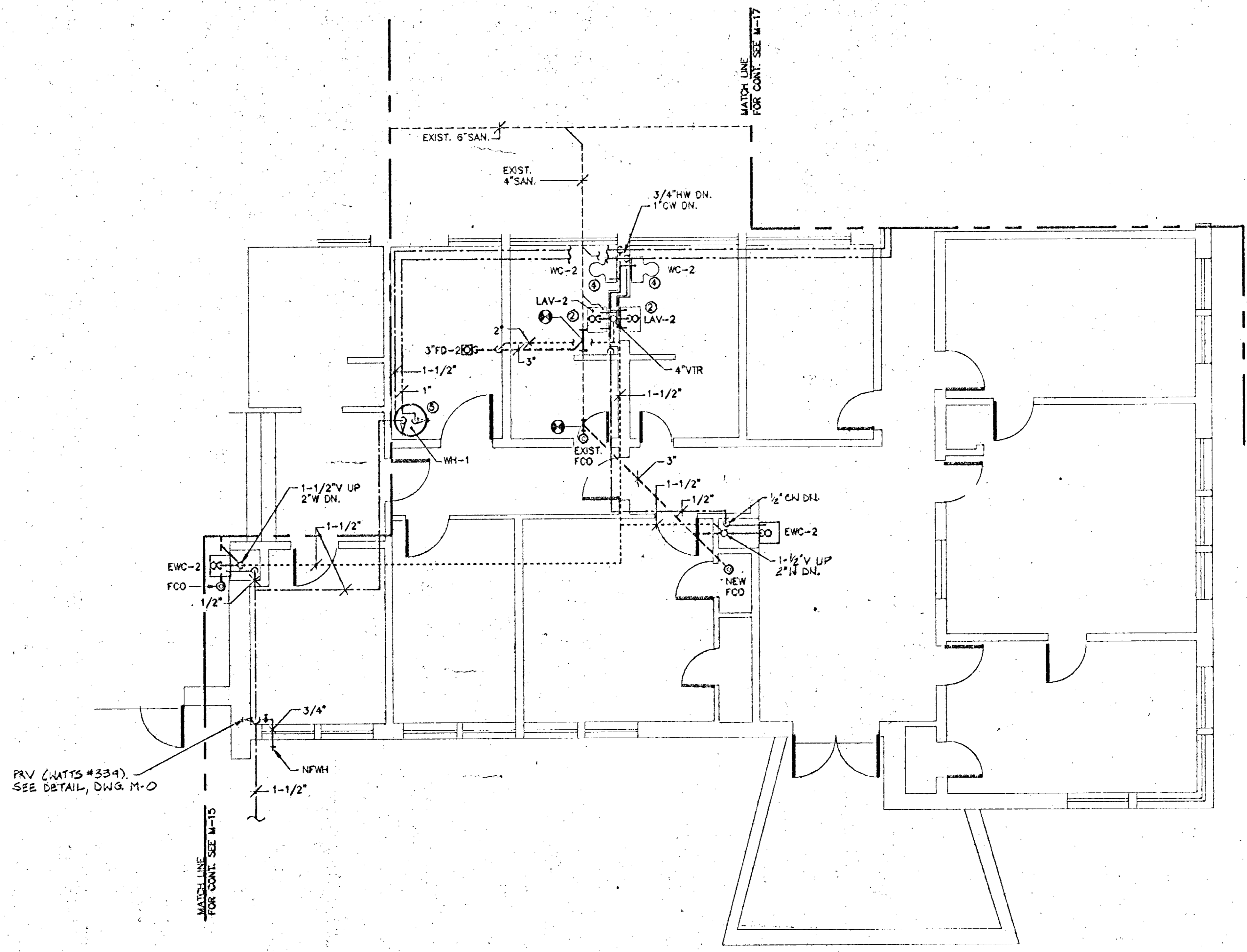


HR&J Project No.:
 32493101

DATE: 8/3/93

NO.	DATE	REVISION

SHEET TITLE
 M-15

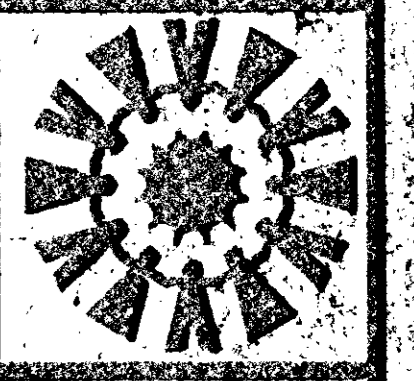


ADMINISTRATION BUILDING - MECHANICAL
 SCALE: 1/4"=1'-0"

"NEW WORK" PLAN
ADMINISTRATION BUILDING
FIRST FLOOR
 SCALE: 1/4"=1'-0"

williams • russell and johnson, inc.
 engineers • planners • architects
 Nashville Branch • Suite 1815
 404 James Robertson Parkway
 Nashville, Tennessee 37203-2170
 Telephone 615/259-7170
 DRAWN BY: JLD | CHECKED BY: RAK | PLOT DATE: 7/28/93

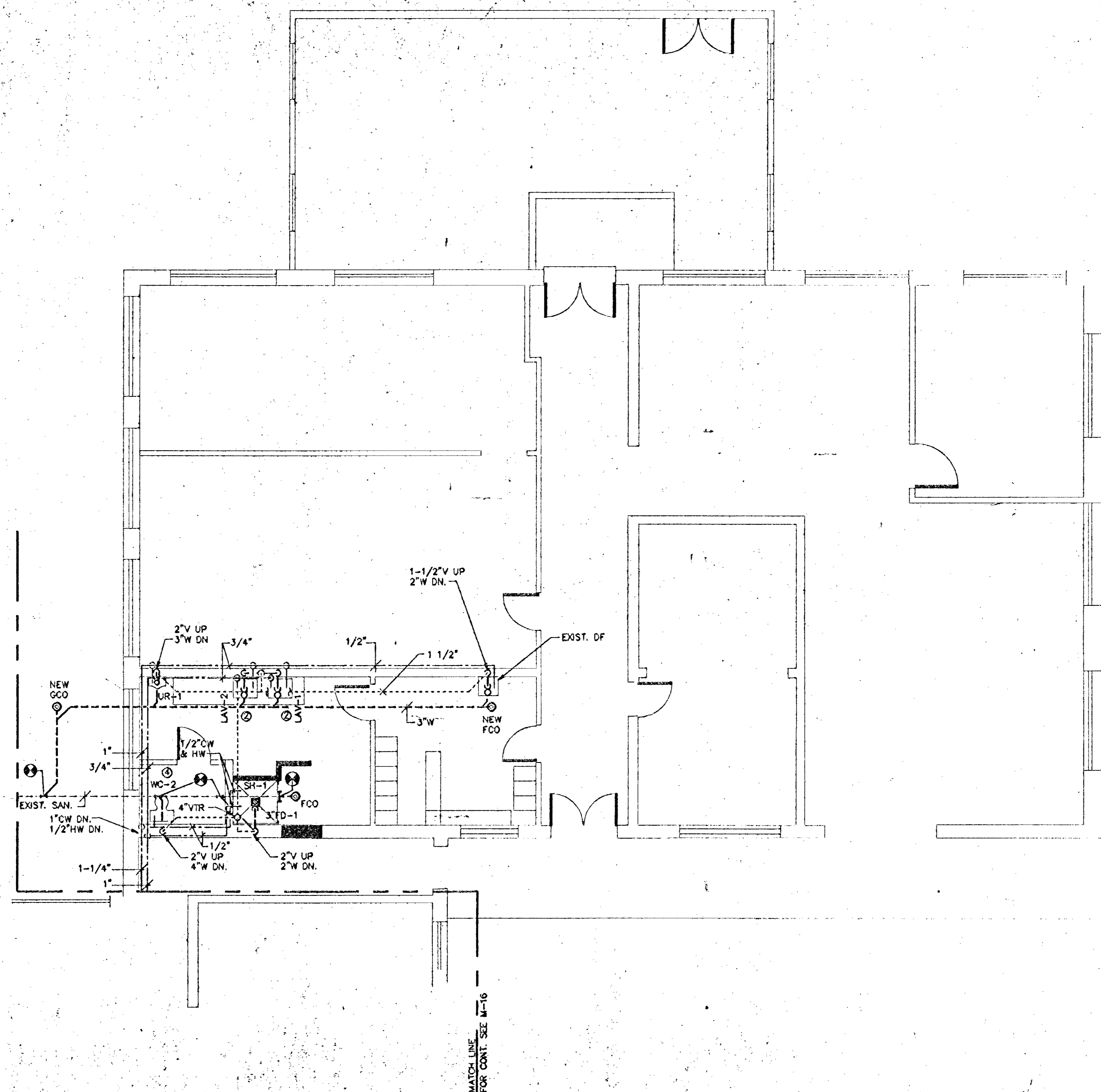
TONY SUDEKUM HOME RENOVATION
 TR-005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



WR&J Project No. 32493101
 DATE: 9/3/93

NO.	DATE	REVISION

SHEET TITLE
M-16



MATCH LINE
FOR CONT. SEE M-16

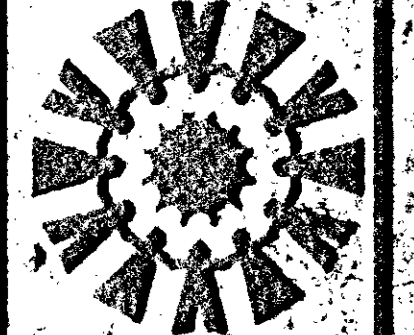
ADMINISTRATION BUILDING - MECHANICAL
SCALE: 1/4"=1'-0"

**"NEW WORK" PLAN
ADMINISTRATION BUILDING
FIRST FLOOR**

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

williams - russell and johnson, inc.
mechanical - process - evaluation
1515
1000 - 1000 - 1000
Nashville, Tennessee 37215
Telephone: 615/259-4770
DRAWN BY: J.D. CADD FILE NO: P-9
CHECKED BY: RAK PLOT DATE: 7/29/93

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



IR&J Project No:
32493101

DATE: 8/3/93

NO.	DATE	REVISION

SHEET TITLE
M-17

M-10

SHEET TITLE

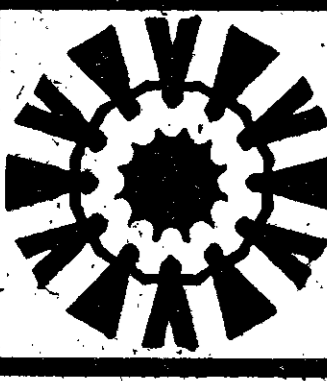
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STAD

REVISION

DATE: 8/2/83

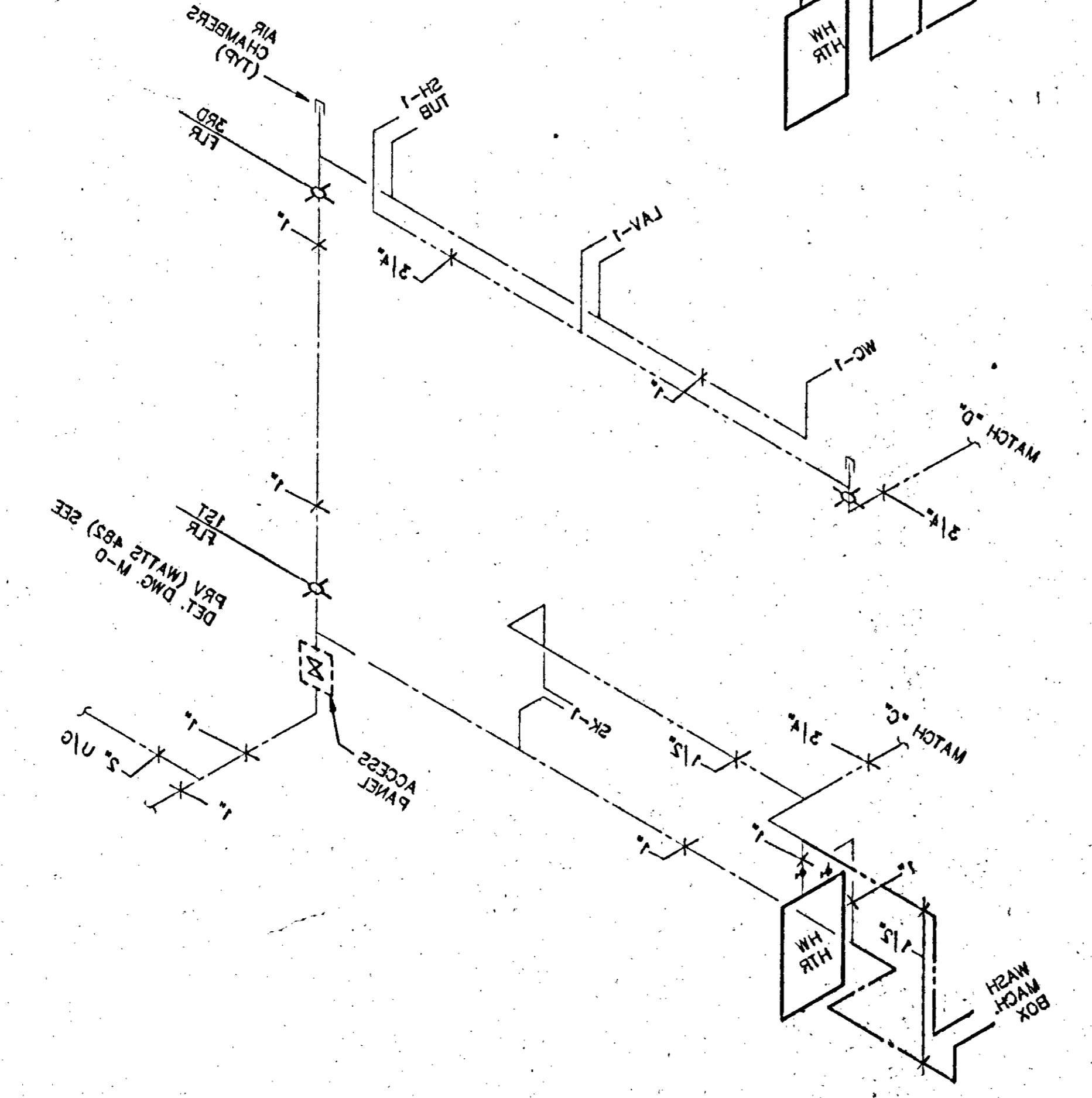
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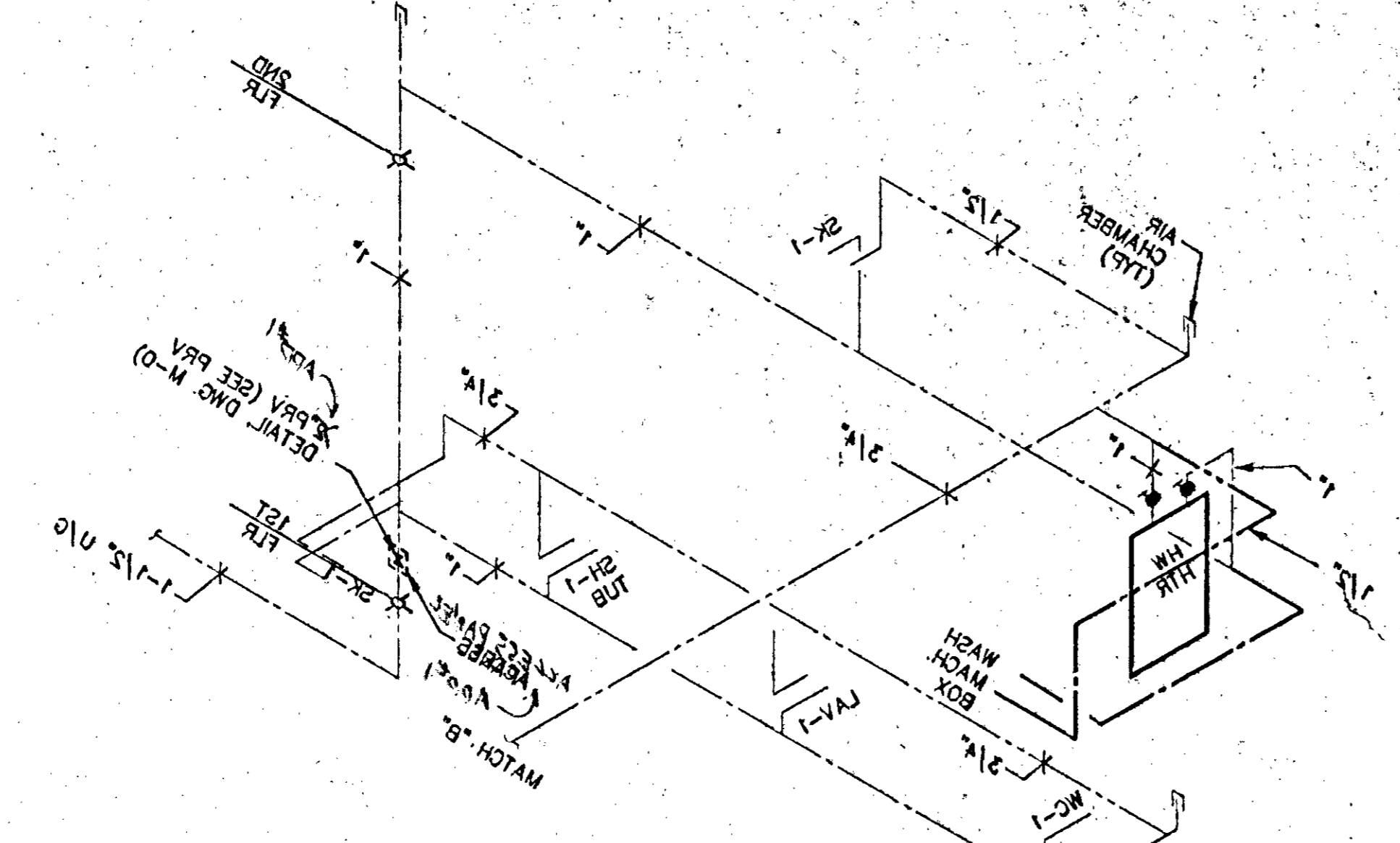
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ԿՈՆՍՏՐԱԿՏՆԵՐԻ ԳՐԱԿԱՆԱԿՈՒՄԸ
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CHCKED BY: BAK
DRAWN BY: JTD
CADD FILE NO.: B-11
DATE: 8/2/83
PROJECT NO.:
SCALE: NTS

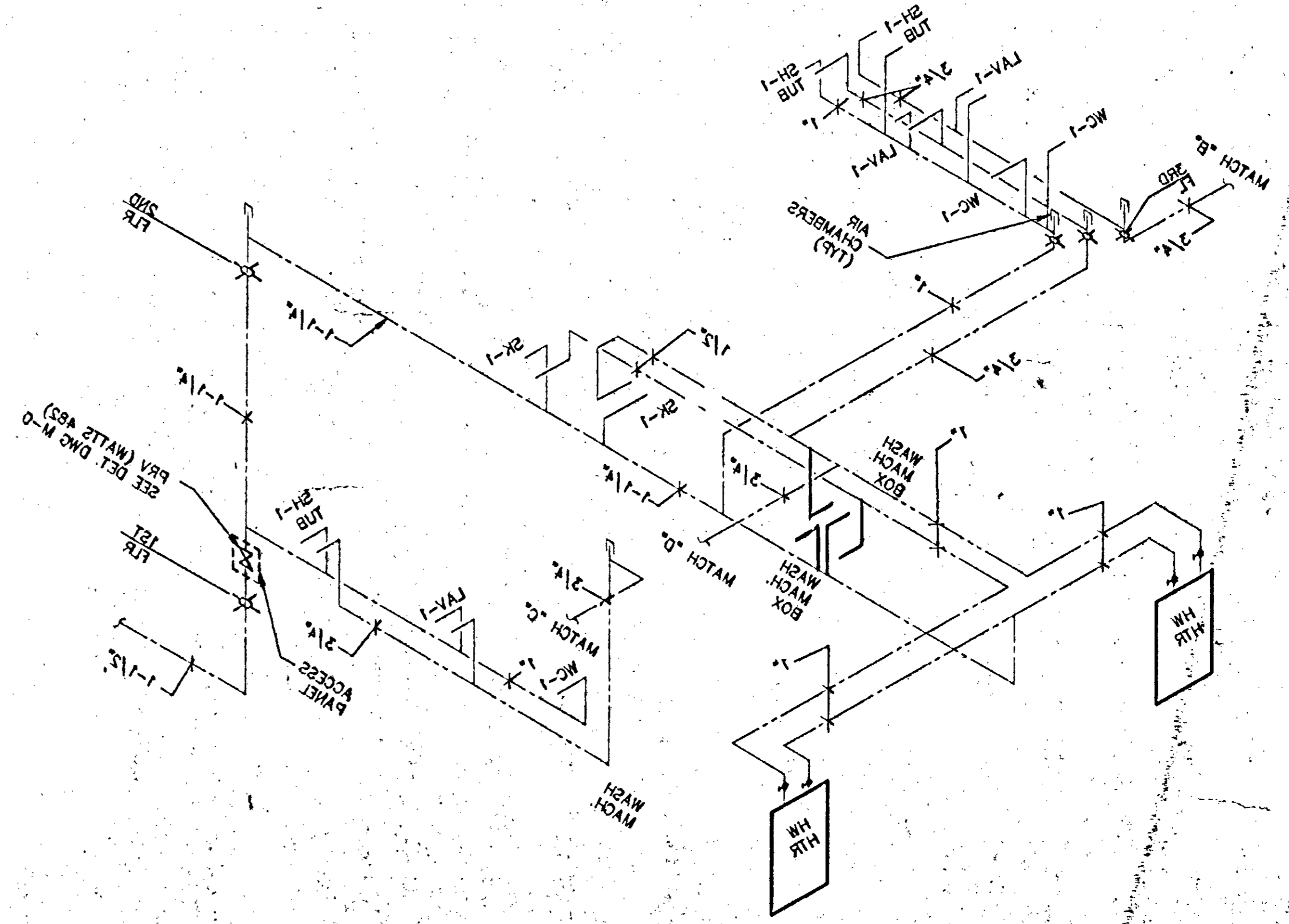
DOMESTIC WATER RISER DIAGRAM
TYPE "B"
SCALE: NTS
LEFT CENTER UNIT SHOWN
(RIGHT CENTER UNIT OPPOSITE HAND)



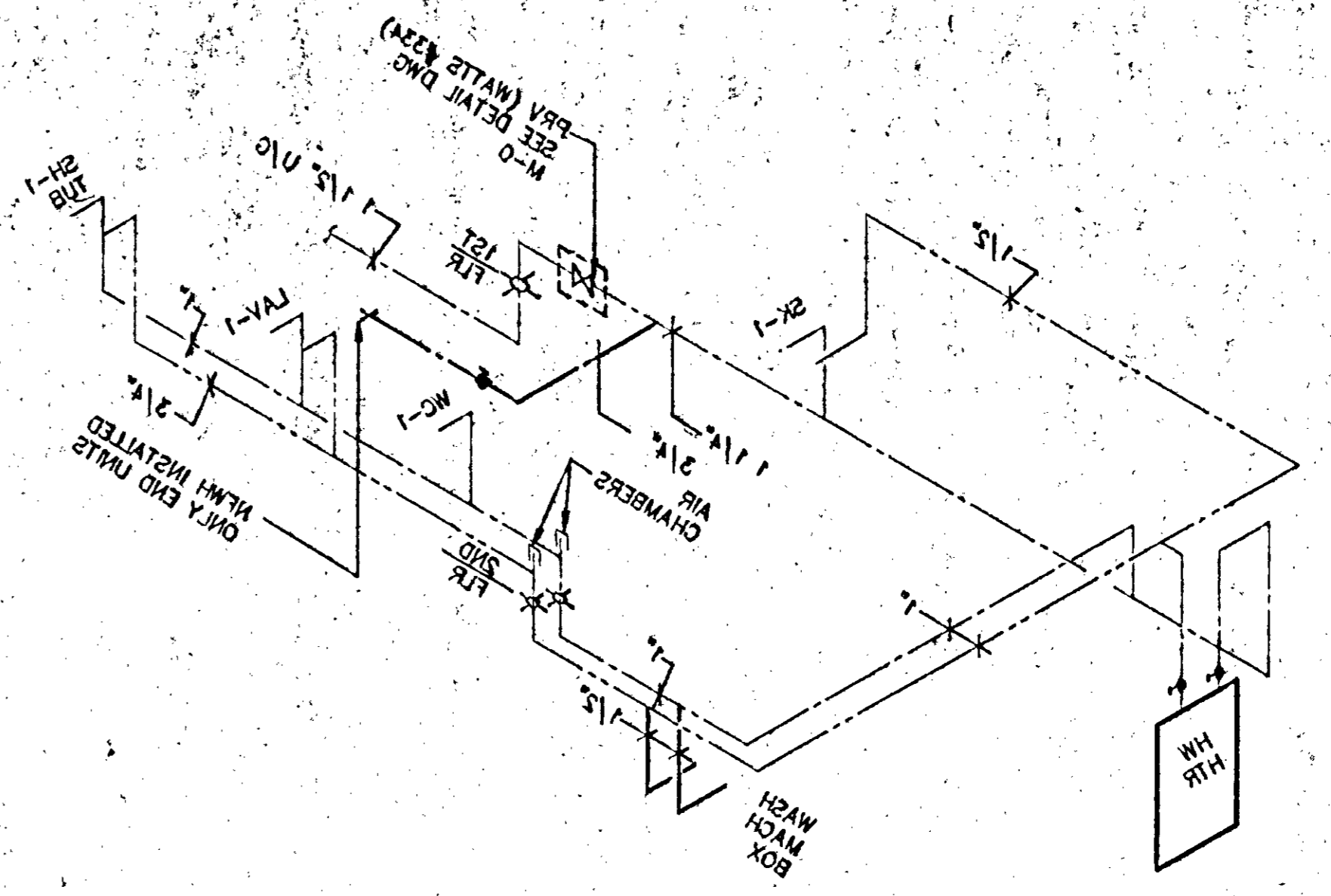
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TYPE "B"
SCALE: NTS
UNIT B-SL & B-3L SHOWN
(UNIT B-SR & B-3R OPPOSITE HAND)

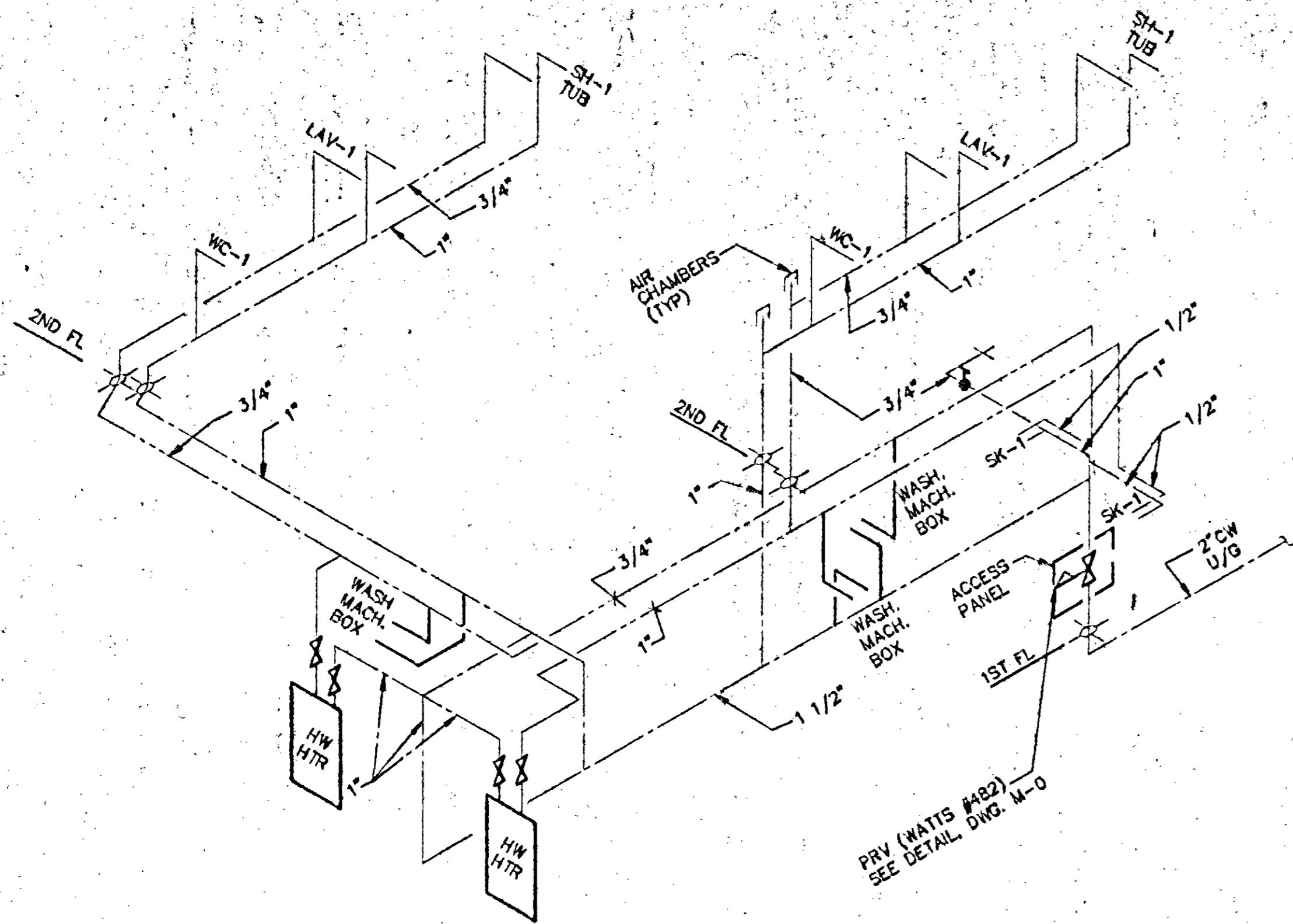


DOMESTIC WATER RISER DIAGRAM
TYPE "B"
SCALE: NTS
UNITS B-3L & B-4L SHOWN
(UNITS B-SR & B-4R OPPOSITE HAND)



DOMESTIC WATER RISER DIAGRAM
TYPE "B"
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(RIGHT END UNIT OPPOSITE HAND)

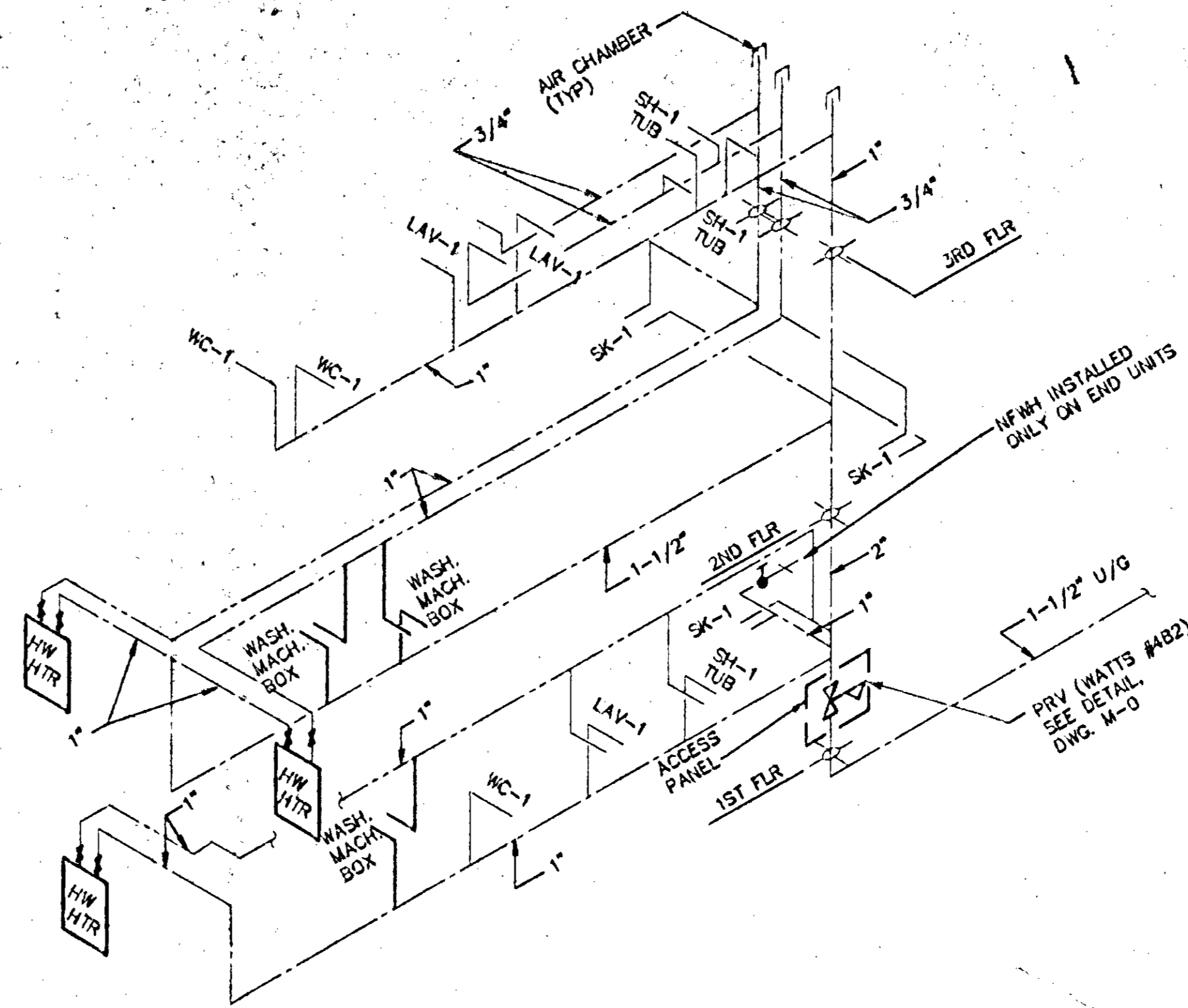




GROUP A-1L & A-3 SHOWN
(GROUP A-1R OPPOSITE HAND)

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DOMESTIC WATER RISER DIAGRAM

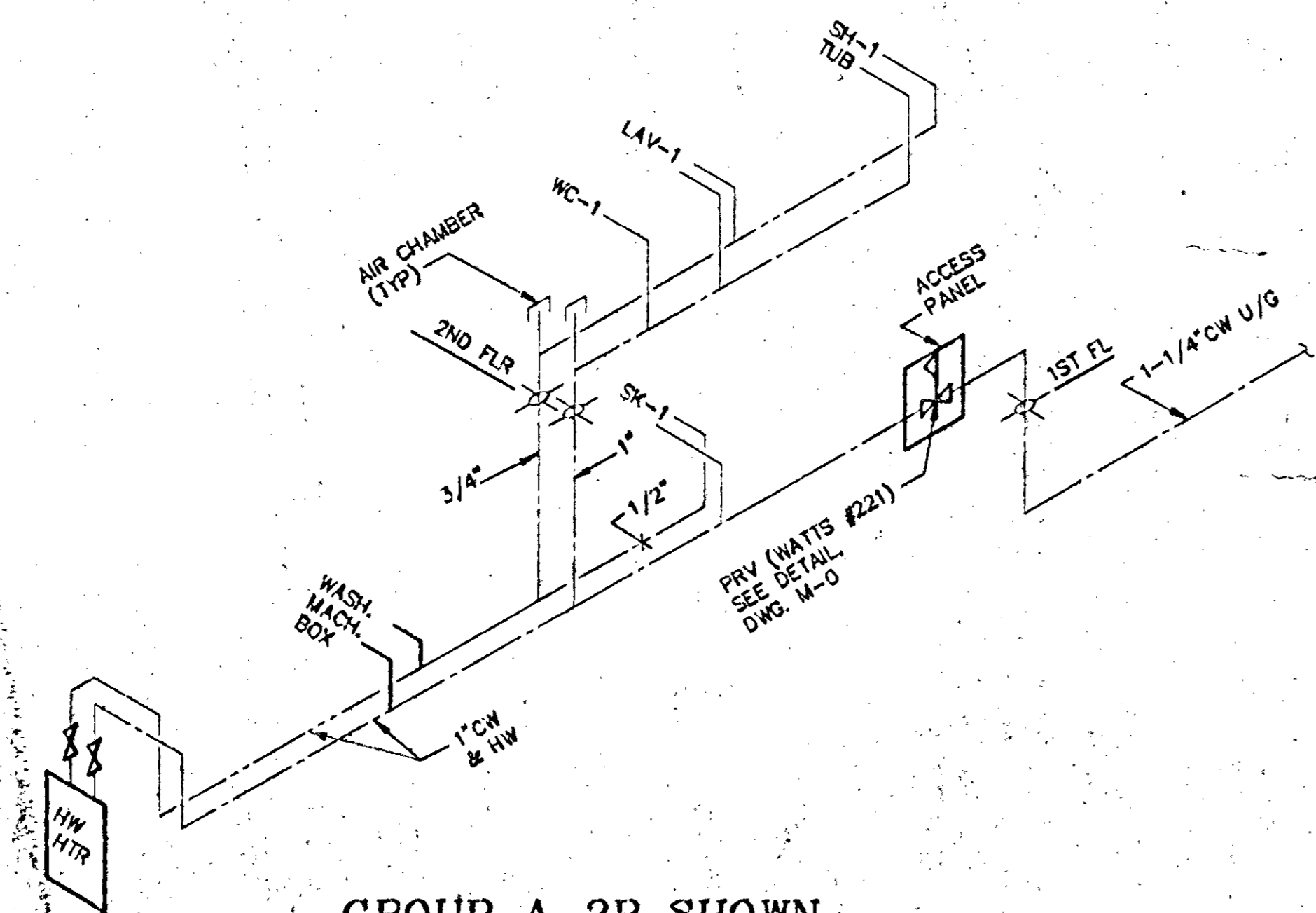
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GROUP D-1 SHOWN

TYPE "D"
DOMESTIC WATER RISER DIAGRAM

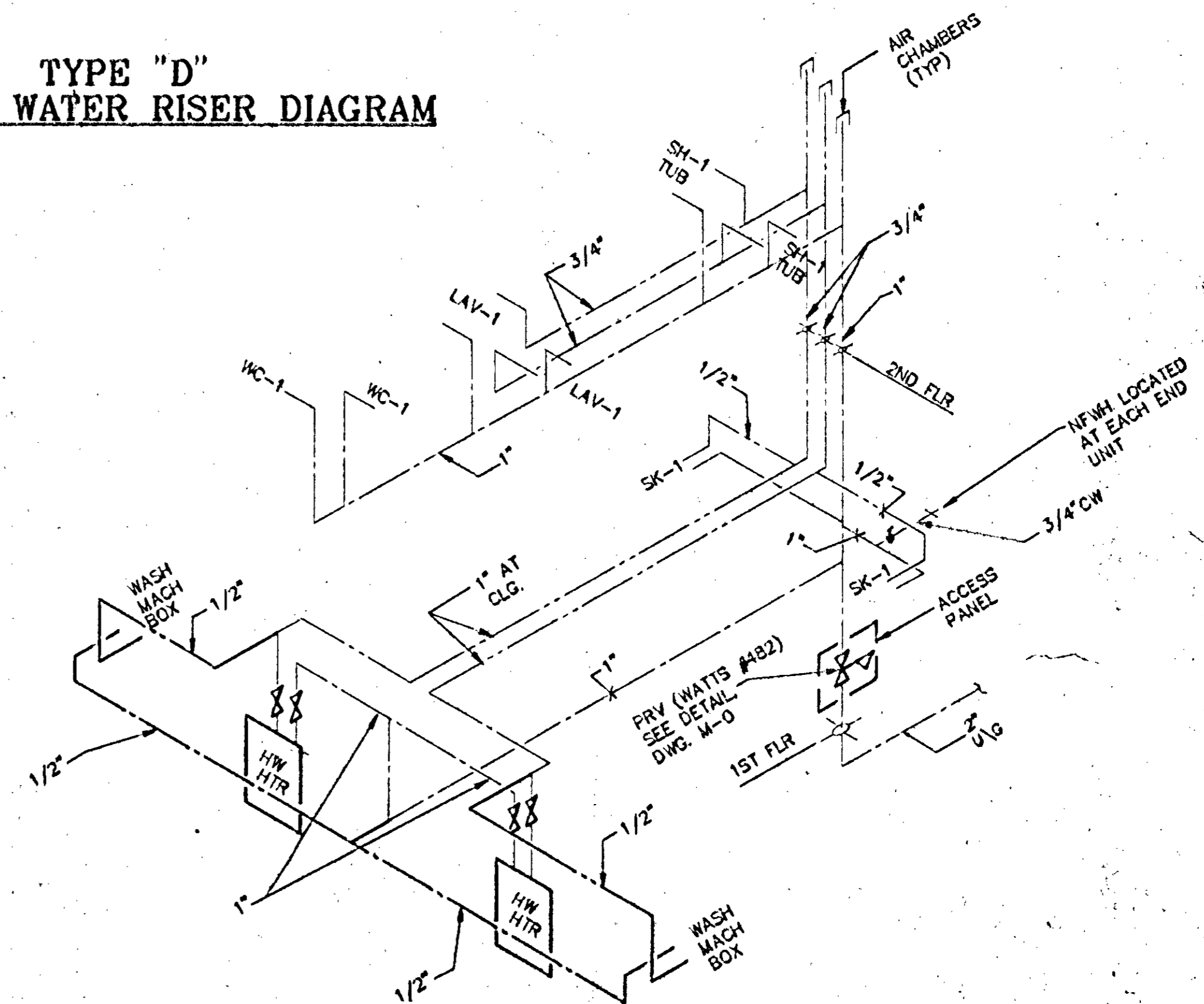
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GROUP A-2R SHOWN
(GROUP A-2L OPPOSITE HAND)

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DOMESTIC WATER RISER DIAGRAM

SCALE: NTS



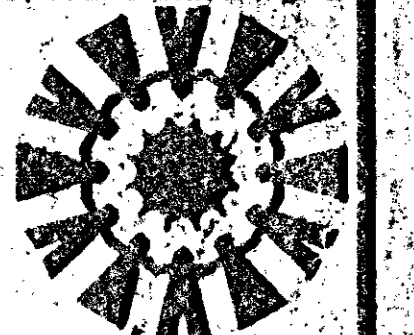
GROUP E-1L & F-1L SHOWN
(GROUP E-1R & F-1R OPPOSITE HAND)

TYPE "E&F"
DOMESTIC WATER RISER DIAGRAM

SCALE: NTS

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TN005-005
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OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

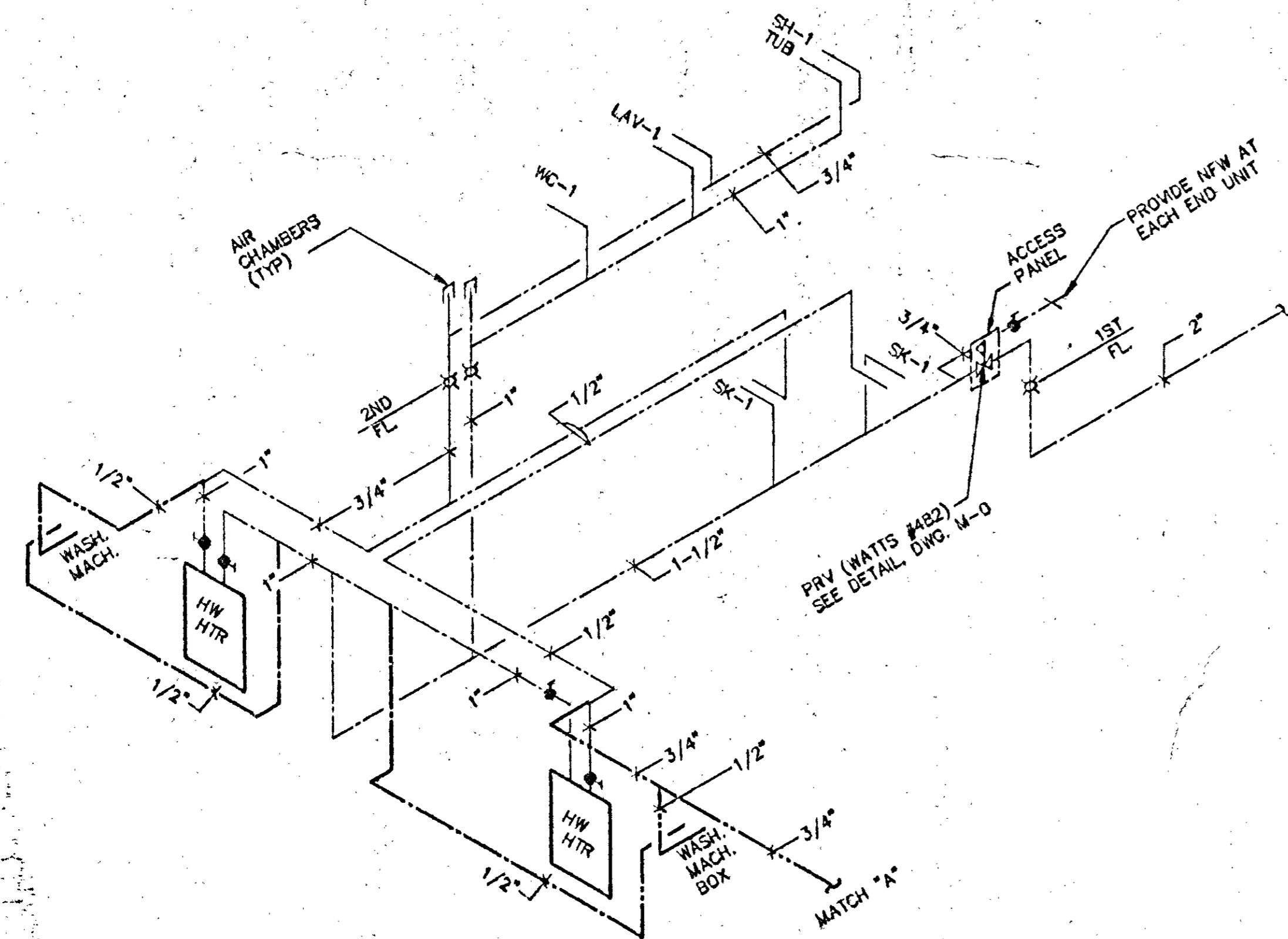


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DATE: 8/3/93

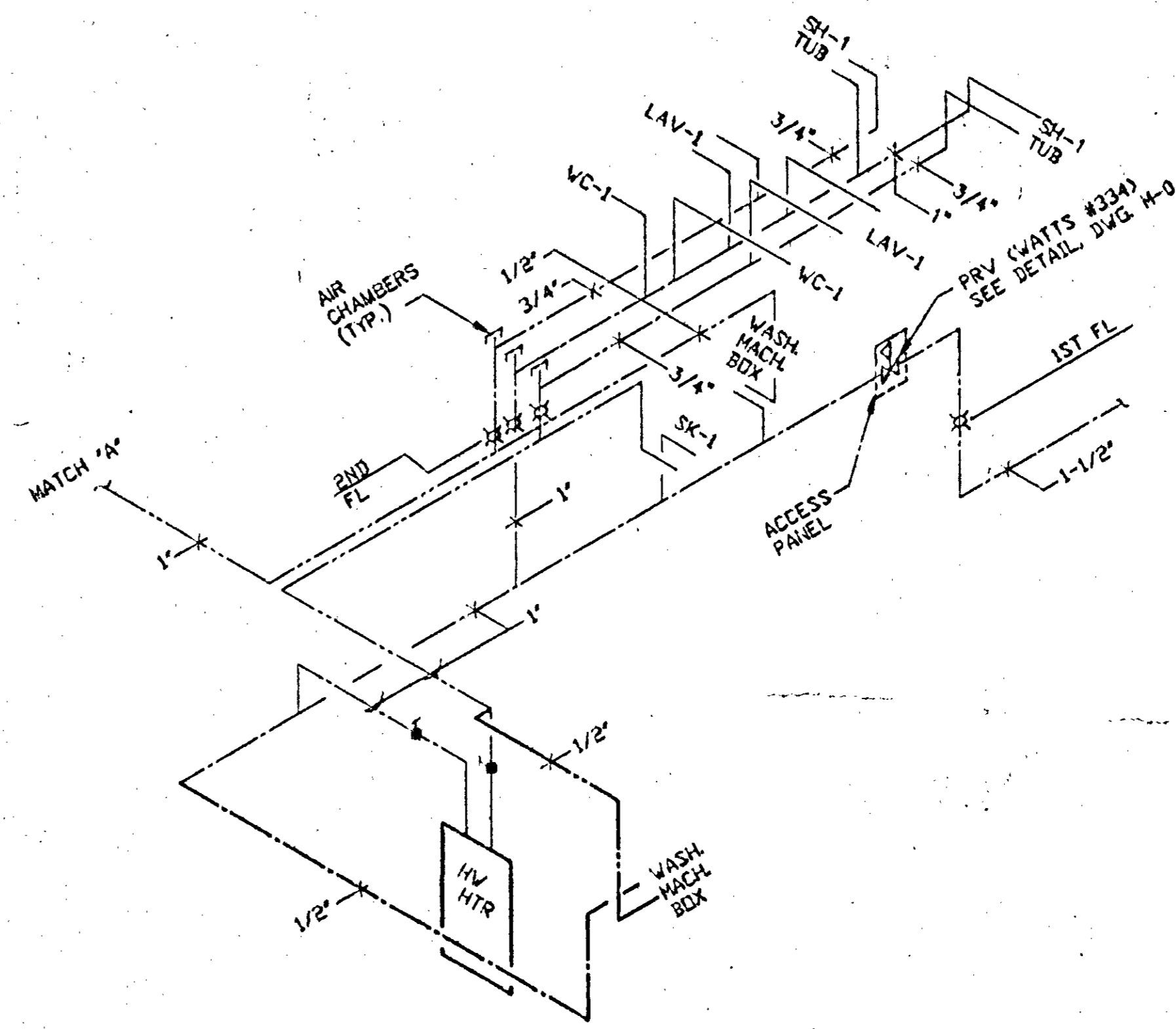
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SHEET TITLE
M-18



GROUP C-1L SHOWN
(GROUP C-1R OPPOSITE HAND)

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DOMESTIC WATER RISER DIAGRAM
SCALE: NTS

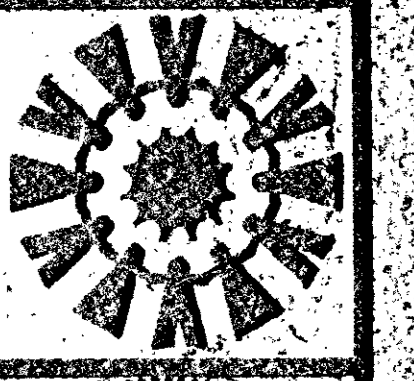


GROUP C-2L SHOWN
(GROUP C-2R OPPOSITE HAND)

TYPE "C"
DOMESTIC WATER RISER DIAGRAM
SCALE: NTS

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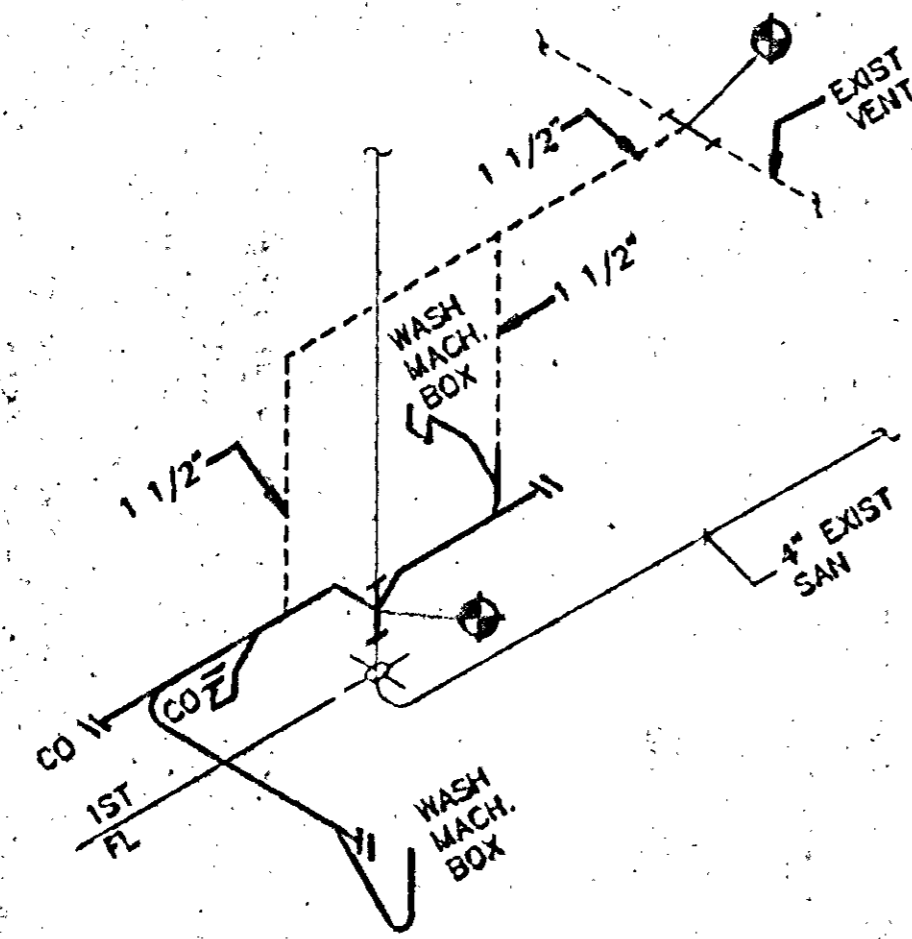
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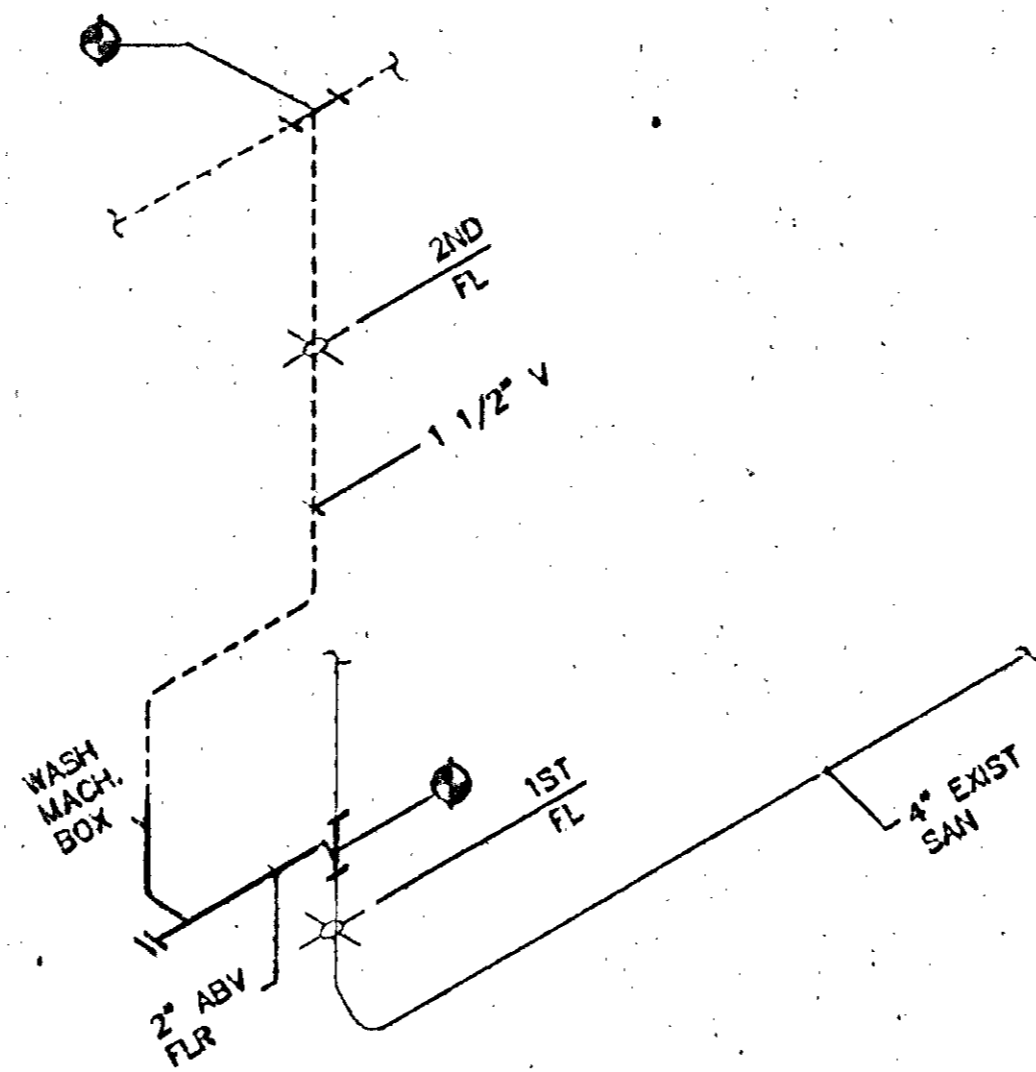
NO.	DATE	REVISION

SHEET TITLE
M-20



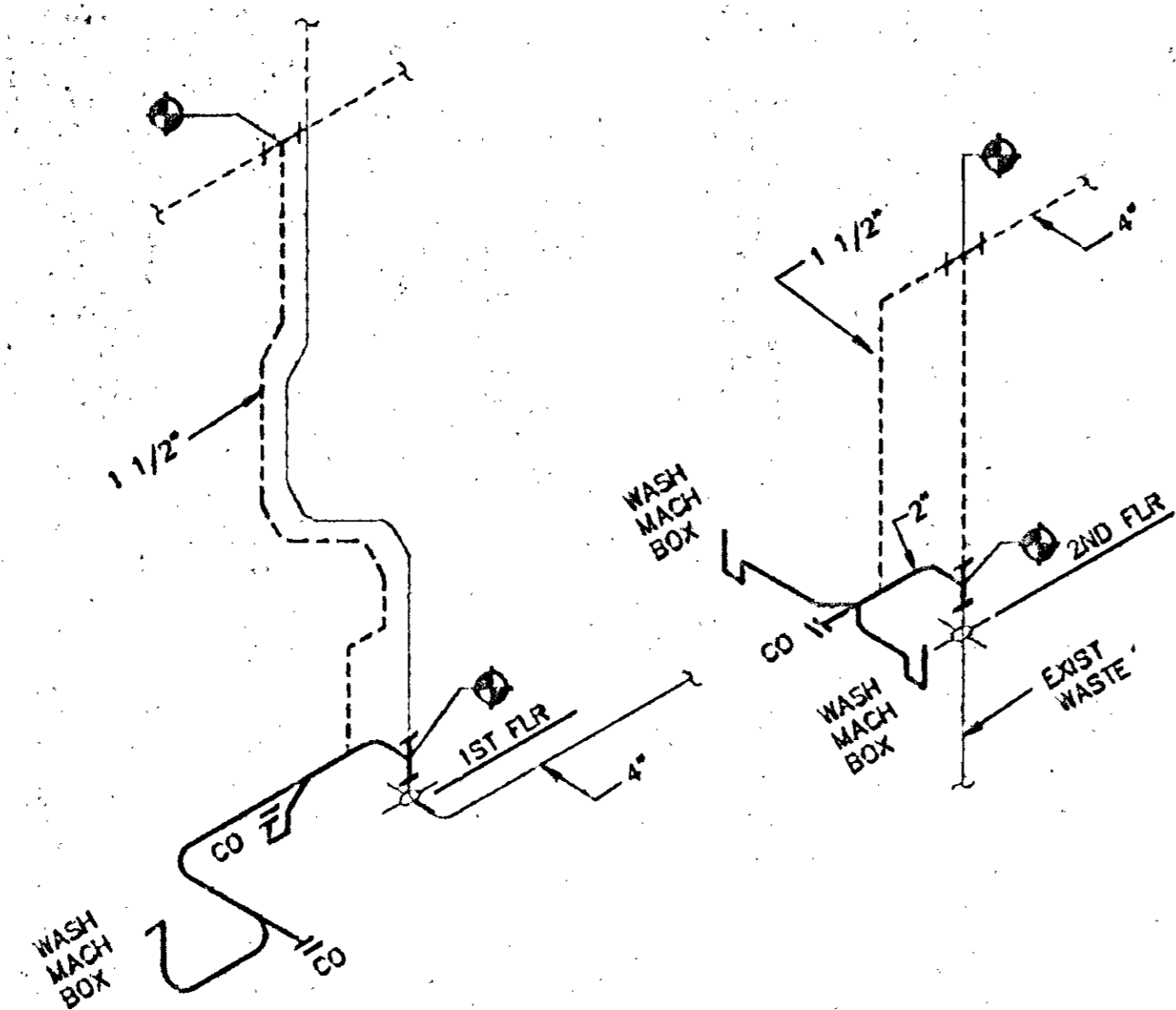
GROUP A-3 & A-1L SHOWN
(GROUP A-1R OPPOSITE HAND)

TYPE "A"
SANITARY RISER DIAGRAM
SCALE: NTS



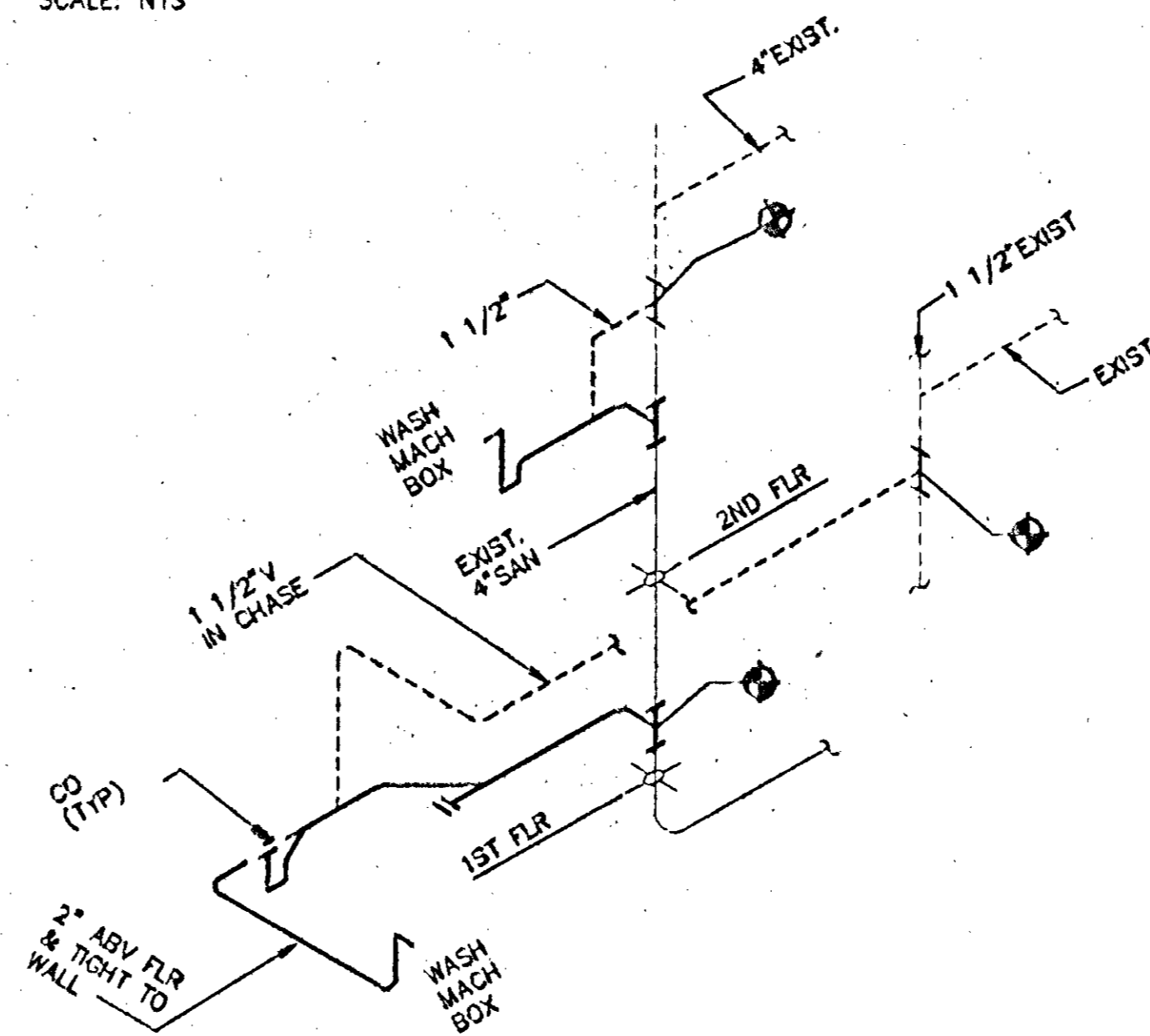
GROUP A-2R SHOWN
(GROUP A-2L OPPOSITE HAND)

TYPE "A"
SANITARY RISER DIAGRAM
SCALE: NTS



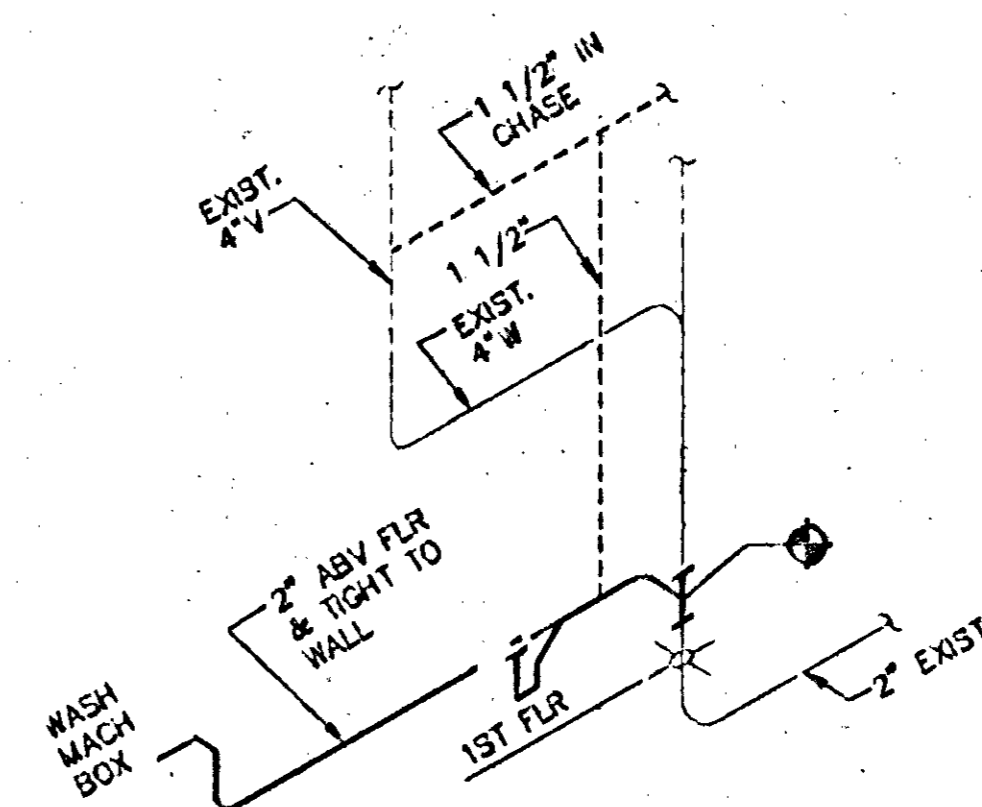
GROUP B-L CENTER; B-3L & B-4L SHOWN
(GROUP B-R CENTER; B-3R & B-4R OPPOSITE HAND)

TYPE "B"
SANITARY RISER DIAGRAM
SCALE: NTS



GROUP B-2L & 3L SHOWN
(GROUP B-2R & 3R OPPOSITE HAND)

TYPE "B"
SANITARY RISER DIAGRAM
SCALE: NTS

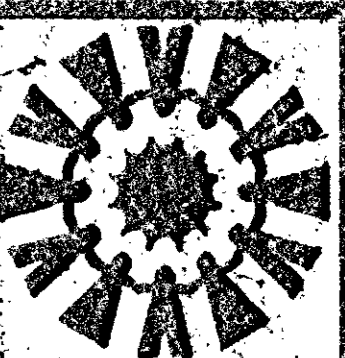


GROUP END UNIT SHOWN
(GROUP B-1R OPPOSITE HAND)

TYPE "B"
SANITARY RISER DIAGRAM
SCALE: NTS

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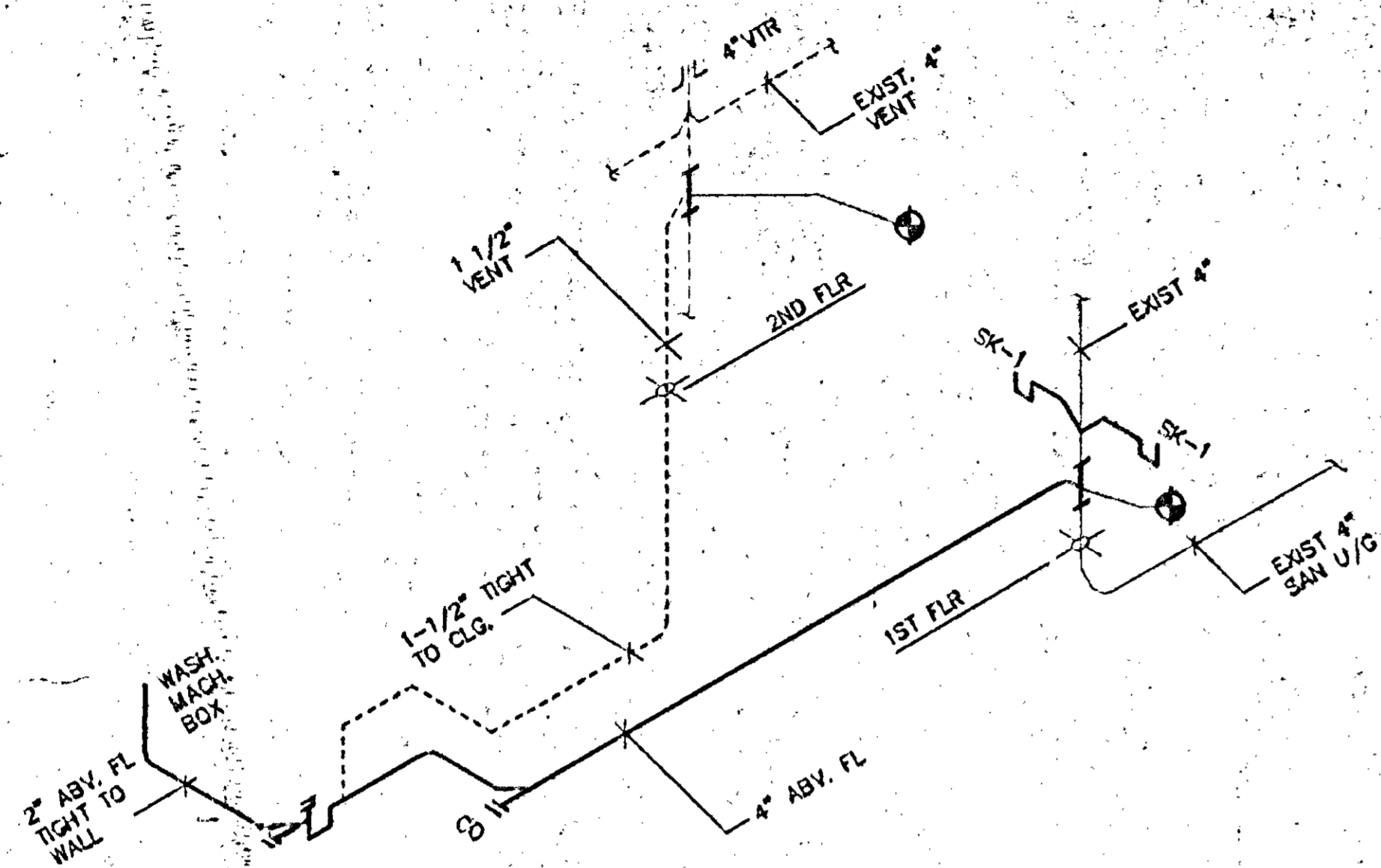
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NASHVILLE, TENNESSEE



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32493101
DATE: 8/3/93

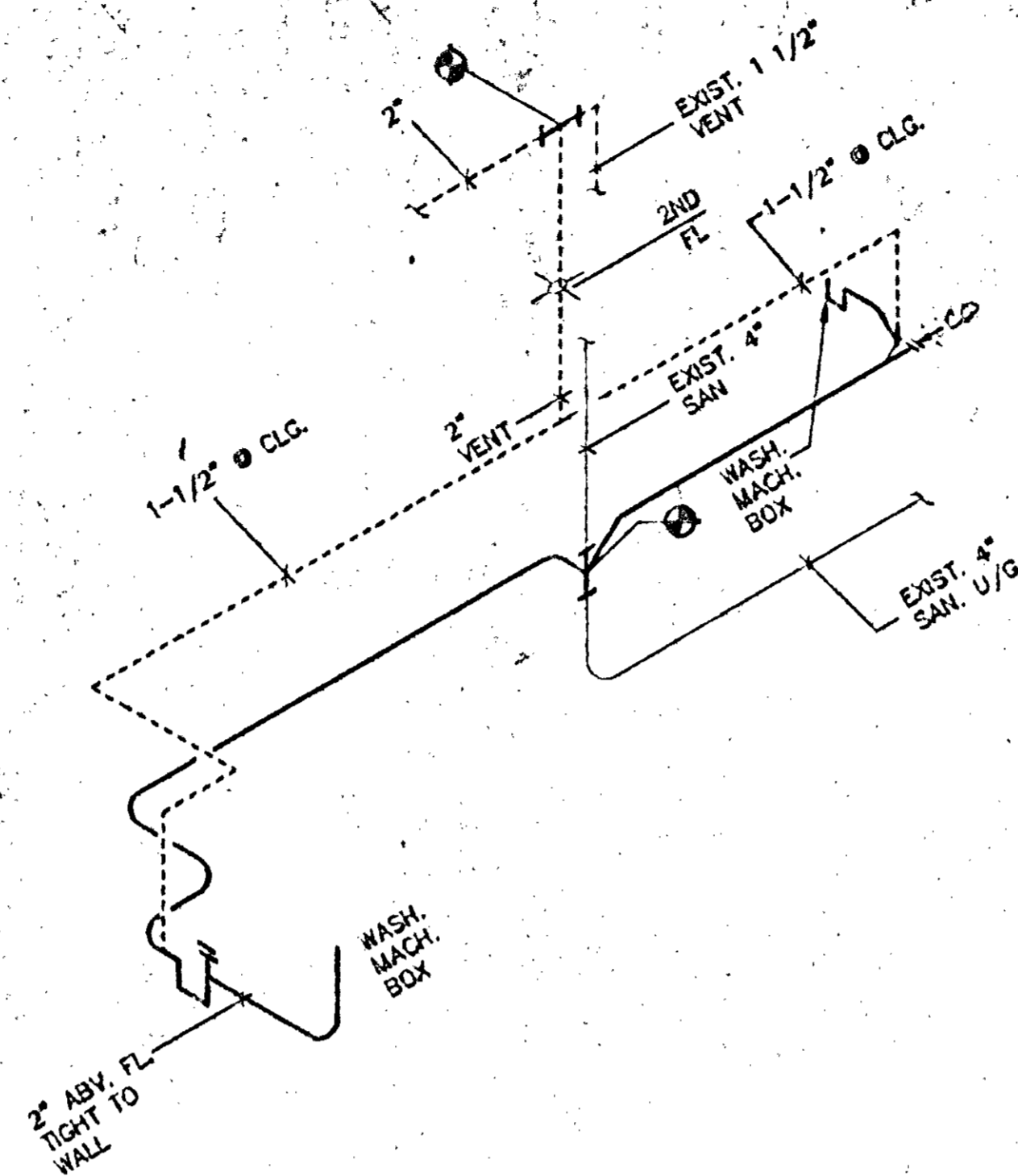
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M-21



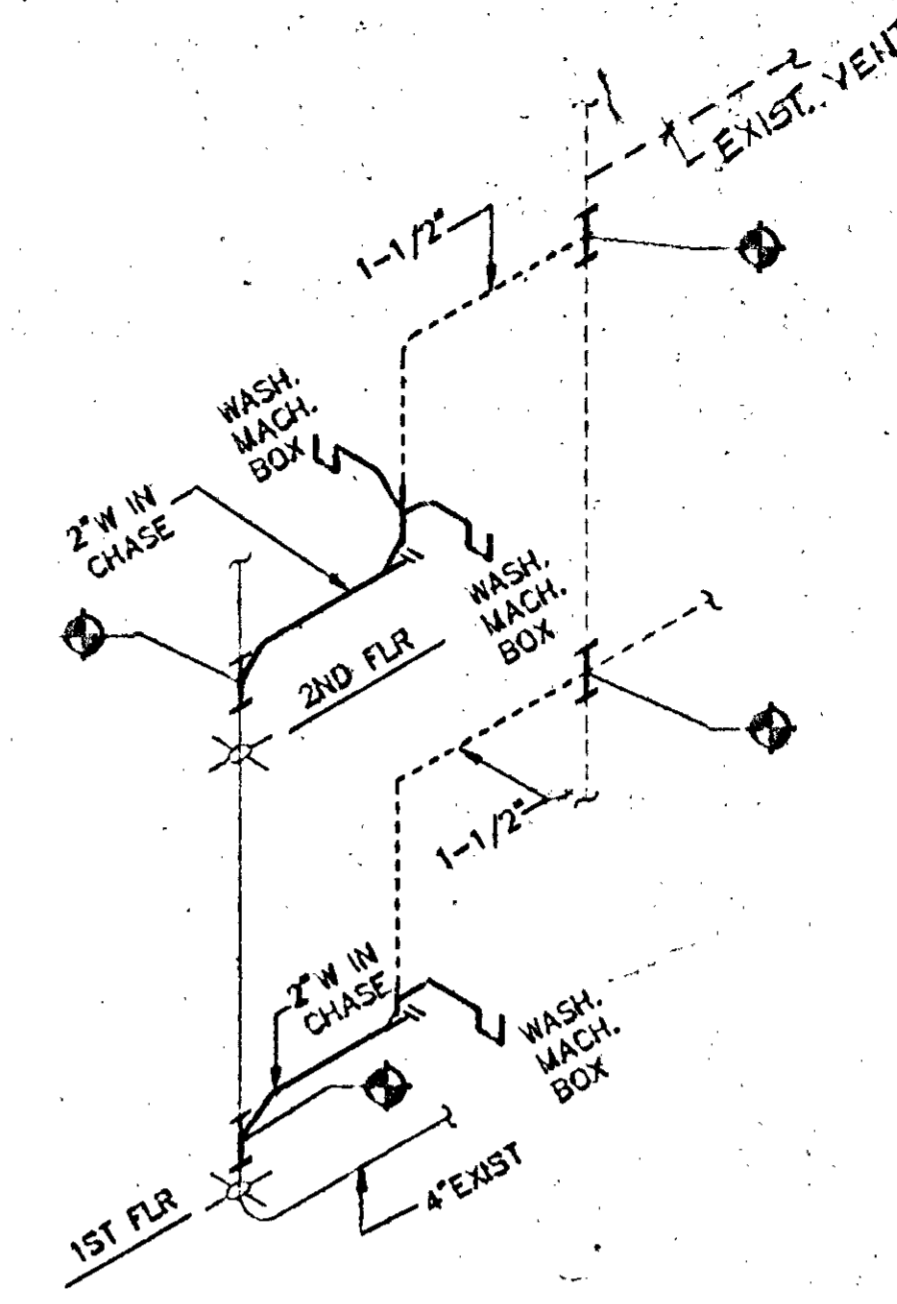
GROUP C-1L SHOWN
(GROUP C-1R OPPOSITE HAND)

TYPE "C"
SANITARY RISER DIAGRAM
SCALE: NTS



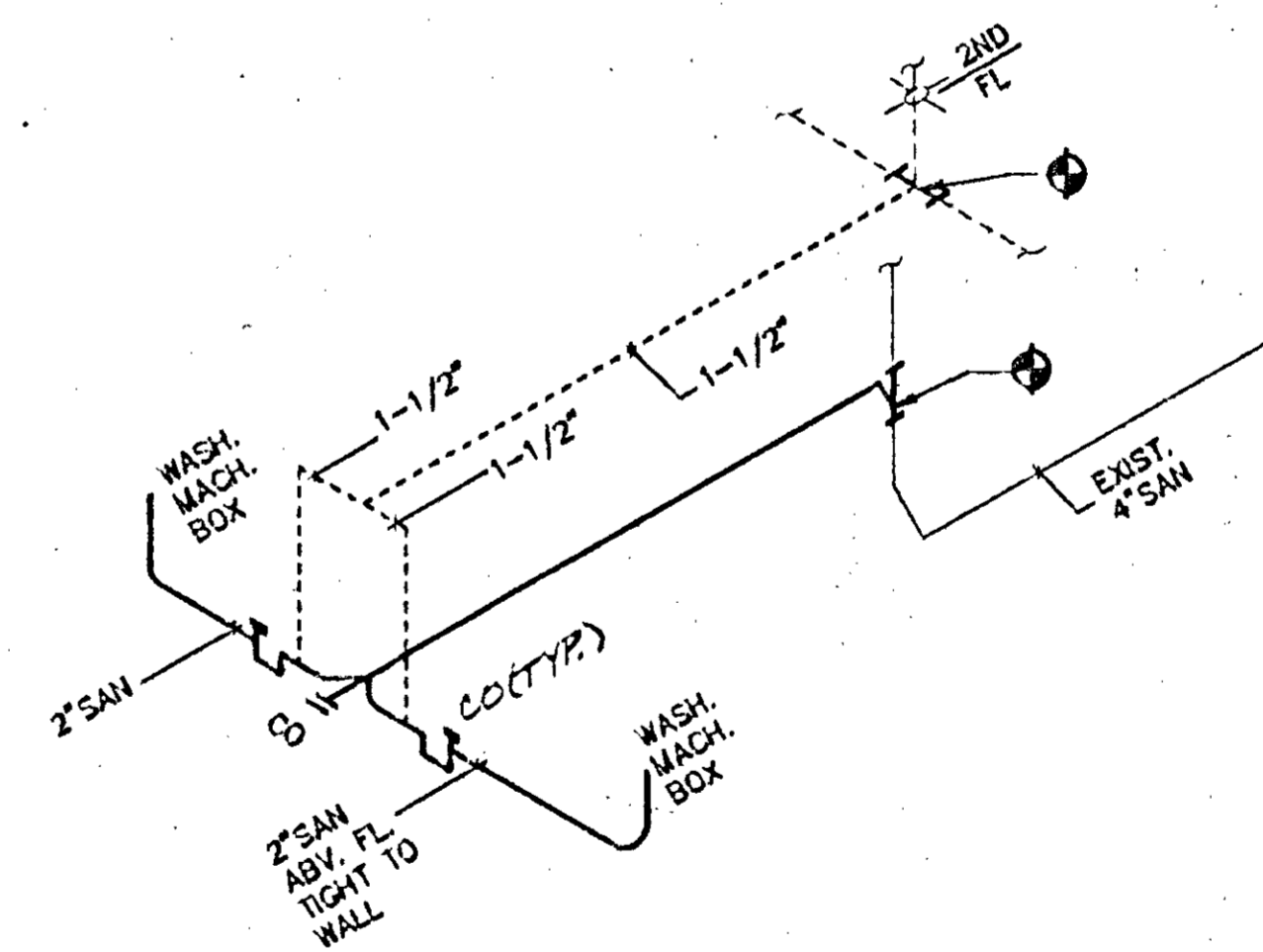
GROUP C-2L SHOWN
(GROUP C-2R OPPOSITE HAND)

TYPE "C"
SANITARY RISER DIAGRAM
SCALE: NTS



GROUP D-1L SHOWN
(GROUP D-1R OPPOSITE HAND)

TYPE "D"
SANITARY RISER DIAGRAM
SCALE: NTS



GROUP E & F-R SHOWN
(GROUP E & F-R OPPOSITE HAND)

TYPE "E & F"
SANITARY RISER DIAGRAM
SCALE: NTS

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TN005-005

METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

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SHEET TITLE
M-22

LEGEND

SEE NOTE #5 AT RIGHT

- 2x4 RECESSED FLUORESCENT LIGHT FIXTURE
"E" INDICATES FIXTURE TYPE "2" INDICATES
CIRCUIT NO. "0" INDICATES SWITCH LEG.
"LP" INDICATES PANELBOARD
- 1x4 WRAP-AROUND FLUORESCENT LIGHT FIXTURE
- 2'x 4' FLUORESCENT LIGHT FIXTURE, LETTER DENOTES
FIXTURE TYPE, SEE FIXTURE SCHEDULE THIS SHEET
- FLUORESCENT CIRCLINE LIGHT FIXTURE SURFACE MOUNTED
- COMPACT FLUORESCENT LIGHT FIXTURE SURFACE MOUNTED
- INCANDESCENT LIGHT FIXTURE SURFACE MOUNTED
- INCANDESCENT PORCELAIN LAMPHOLDER WITH PULL CORD
- HIGH INTENSITY DISCHARGE LIGHT FIXTURE SURFACE MOUNTED
- BATTERY POWERED EMERGENCY LIGHT
- SPORTS LIGHT POLE
- CEILING/WALL MOUNTED EXIT LIGHT FIXTURE
- DUPLEX RECEPTACLE OUTLET NEMA 5-20R
- G.F.C.I. DUPLEX RECEPTACLE OUTLET NEMA 5-20R
- DUPLEX RECEPTACLE SPECIALLY PROTECTED
- SPECIAL PURPOSE RECEPTACLE OUTLET
- SINGLE POLE TOGGLE SWITCH 20 A, 277 V
- THREE WAY TOGGLE SWITCH
- TELEPHONE OUTLET
- SMOKE DETECTOR
- CEILING MOUNTED JUNCTION BOX, SIZE AS PER N.E.C.
- MULTI-METER CENTER
- 100 AMP 120/240 VAC, 1 PHASE LOAD CENTER
- GROUND ROD
- PULLBOX SIZED PER NEC
- EXPOSED CONDUIT
- CONDUIT CONCEALED IN WALL OR CEILING
- SURFACE METAL RACEWAY
- FIRE ALARM CONTROL PANEL
- FIRE ALARM ANNUNCIATOR PANEL
- FIRE ALARM PULL STATION
- FIRE ALARM BELL
- FIRE ALARM HORN
- FIRE ALARM AUDIO/VISUAL DEVICE
- SMOKE DETECTOR
- DUCT DETECTOR
- FLOW SWITCH
- TAMPER SWITCH
- LIGHTING CONTACTOR
- FUSED DISCONNECT SWITCH

ABBREVIATIONS

- AFF ABOVE FINISHED FLOOR
- A AMPERE
- CB CIRCUIT BREAKER
- CKT CIRCUIT
- C CONDUIT
- D/S DISCONNECT SWITCH
- ETR EXISTING TO REMAIN
- FLUOR FLUORESCENT
- FSS FUSED SERVICE SWITCH
- FIX FIXTURE
- GND GROUND
- INCAND INCANDESCENT
- J JUNCTION BOX
- KW KILOWATT
- LGT LIGHT
- MH MOUNTING HEIGHT
- MTD MOUNTED
- POP POLE OPERATED
- RECEP RECEPTACLE
- TYP TYPICAL
- UON UNLESS OTHERWISE NOTED
- W WITH
- WP WEATHERPROOF

NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND MAKE HIM/HERSELF FAMILIAR WITH THE DOCUMENTS AND THE FACILITY PRIOR TO MAKING A BID.
2. PROVIDE NEW 100 AMP SERVICE AND UPGRADE EXISTING RESIDENTIAL UNIT LOAD CENTERS TO 100 AMP 120/240V, 1Ø LOAD CENTERS. SEE E-9.
3. ALL NEW INTERIOR CONDUIT SHALL BE RUN CONCEALED IN NEW WALL AND ACCESSIBLE CEILINGS; EXPOSED IN STORAGE AND EQUIPMENT ROOMS OR SHALL BE WITH SURFACE METAL RACEWAY WHERE EXPOSED ON FINISHED SURFACES U.O.N.
4. SUBSCRIPT "N" NEXT TO A DEVICE SYMBOL INDICATES A NEW DEVICE REQUIRING NEW CONDUIT AND WIRING. ALL OTHER DEVICES SHOWN SHALL BE REPLACED UNLESS OTHERWISE INDICATED.
5. NEW COUNTERTOP RECEPTACLES SHALL BE MOUNTED 4" TO CENTER ABOVE BACK SPLASH.
6. CO-ORDINATE THERMOSTAT INSTALLATION WITH MECHANICAL CONTRACTOR.
7. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES FROM WALLS TO BE DEMOISHED REMOVE ASSOCIATED WIRING BACK TO NEAREST POWER SOURCE.
8. IN ALL HANDICAPD UNIT RECEPTACLES OUTLETS SHALL BE MOUNTED 18" MIN. A.F.F. WHETHER NEW OR REPLACED. SEE ARCHITECTURAL DRAWINGS FOR HANDICAPD UNITS.
9. NOTES SHOWN ON WORK TO BE DONE IN ONE APARTMENT SHALL APPLY IN GENERAL TO ALL APARTMENTS SIMILAR IN TYPE MIRROR IMAGES OF THESE APARTMENTS ARE ALSO INCLUDED.

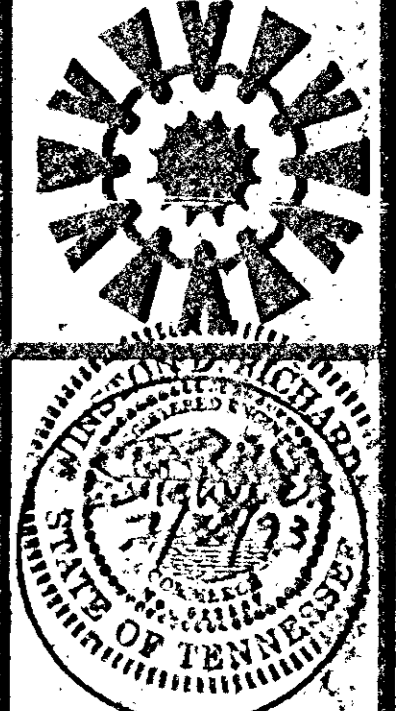
FIXTURE/LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER'S CATALOG No.	MOUNTING	LAMP		REMARKS
				TYPE	WATTS	
A	1'x 4' FLUORESCENT WHITE ACRYLIC WRAPAROUND 2-LAMP FIXTURE	LIGHTOLIER: 10304UU/10324AZ	SURF./CEILING	2F32T8	32	ENERGY EFFICIENT
B	12" FLUORESCENT CIRCLINE	TERON: FY32/RS/120V	SURF./CEILING	FC12T9R/WW	32	KITCHEN LIVING ROOM
C	12" FLUORESCENT CIRCLINE	TERON: FY32/RS/120V Add'l FY32/RS/120V	SURF./CEILING	FC12T9R/WW	32	BED ROOM
D	8" SQ. COMPACT FLUORESCENT W/ 2 TWIN TUBE	LITHONIA: VR3-2/9TT/120/ES	SURFACE/WALL	9TT	9	ENERGY EFFICIENT ENTRANCE
E	8" SQUARE TWIN TUBE COMPACT FLUORESCENT FIXTURE	LITHONIA: VR3-9TT/120/ES	SURFACE	9TT	9	ENERGY EFFICIENT COMMON STAIRWAY
F	18" UNDER CABINET FLOOR LIGHT	ALKCO:IA: SF-115	SURFACE	18	15	W/ ROCKER SWITCH
G	INCANDESCENT PHENOLIC IN LAMP HOLDER W/ PULL CHAIN	CHALLENGER: 852-SOW	SURF./CEILING	A-19	60	CLOSET/STORAGE
H	HIGH INTENSITY DISCHARGE	HUBBELL: PVL-0150S/120V	SURF./WALL	HPS	150	VANDAL RESISTANT ENERGY EFFICIENT BUILDING PERIMETER/ INTEGRAL PHOTO SWITCH
J	INCANDESCENT 18" 2 LAMP BATH FIXTURE	PRESCOLITE: WB-18	SURFACE/WALL	A-19	100	TOILET
K	INCANDESCENT 8" GLASSDRUM	PRESCOLITE: 7808	SURF./CEILING	A-19	60	HALL/STORAGE
L	2'x 4' 4 LAMP 120 STATIC LAY IN FLUORESCENT TROFFER FIXTURE	LITHONIA: 23P440A12-120 ES	CEILING	F40CW	32	ADMIN/DAYCARE
M	2'x 40 W FLUORESCENT STRIP ENERGY SAVING	LITHONIA: T0240120 ES	CEILING/SURFACE	F40CW	32	STORAGE AREA SUPPLY RM
N	EXIT LIGHTING FIXTURE WITH RED LETTERS ON WHITE BACKGROUND COMPLETE W/ EMERGENCY BATT-PACK LEAD CALCIUM BATTERY	LITHONIA: FXIR EL 120V	UNIVERSAL	FLUOR	7W	
P	2'x 4' WRAPAROUND FLUOR WITH ACRYLIC DIFFUSER THERMALLY PROTECTED RAPID START ENERGY SAVING BALLAST	LITHONIA: AW440A120 ES	CEILING/SURFACE	F40CW	40	
Q	EMERGENCY LIGHTING FIXTURE WITH 2 LAMPS, EMERGENCY BATTERY PACK	LITHONIA: ELU-2	WALL	INCAND	8W	

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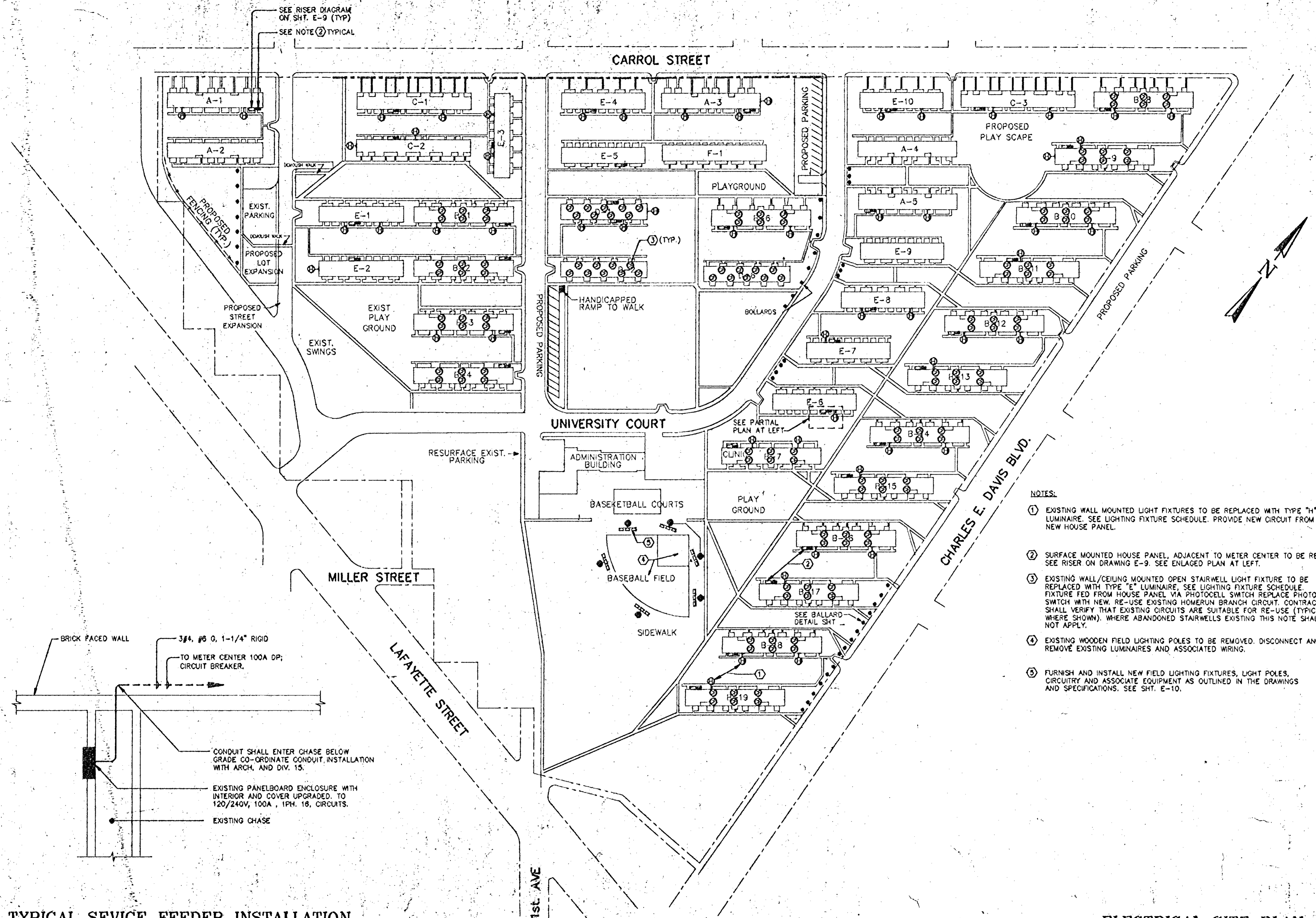


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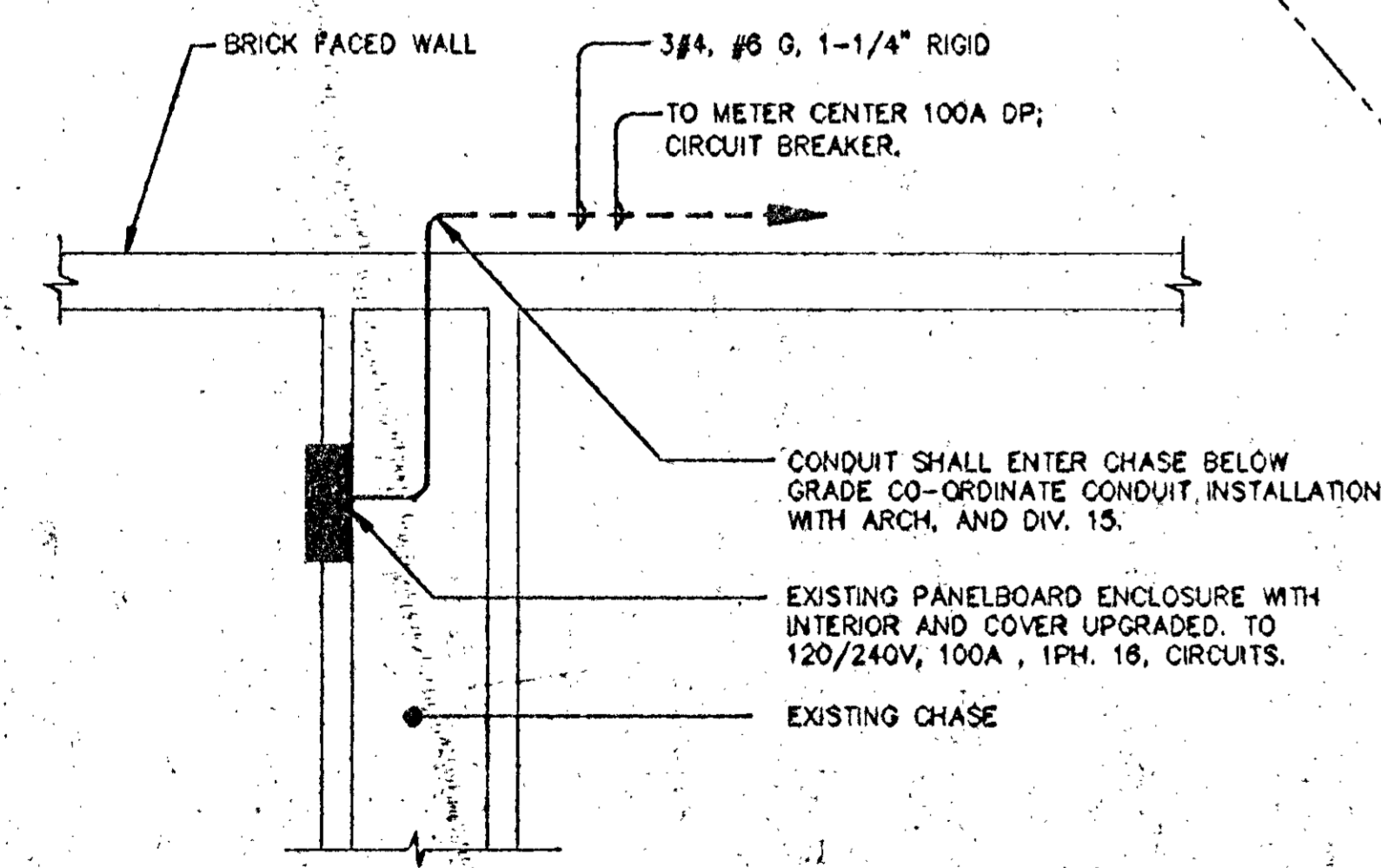
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SHEET NO.
E-0

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TYPICAL SERVICE FEEDER INSTALLATION
ENLARGED PARTIAL PLAN
 N.T.S.



- NOTES:
- ① EXISTING WALL MOUNTED LIGHT FIXTURES TO BE REPLACED WITH TYPE "H" LUMINAIRE. SEE LIGHTING FIXTURE SCHEDULE. PROVIDE NEW CIRCUIT FROM NEW HOUSE PANEL.
 - ② SURFACE MOUNTED HOUSE PANEL, ADJACENT TO METER CENTER TO BE REPLACE. SEE RISER ON DRAWING E-9. SEE ENLARGED PLAN AT LEFT.
 - ③ EXISTING WALL/CEILING MOUNTED OPEN STAIRWELL LIGHT FIXTURE TO BE REPLACED WITH TYPE "E" LUMINAIRE. SEE LIGHTING FIXTURE SCHEDULE. FIXTURE FED FROM HOUSE PANEL VIA PHOTOCELL SWITCH REPLACE PHOTO SWITCH WITH NEW. RE-USE EXISTING HOMERUN BRANCH CIRCUIT. CONTRACTOR SHALL VERIFY THAT EXISTING CIRCUITS ARE SUITABLE FOR RE-USE (TYPICAL WHERE SHOWN). WHERE ABANDONED STAIRWELLS EXISTING THIS NOTE SHALL NOT APPLY.
 - ④ EXISTING WOODEN FIELD LIGHTING POLES TO BE REMOVED. DISCONNECT AND REMOVE EXISTING LUMINAIRES AND ASSOCIATED WIRING.
 - ⑤ FURNISH AND INSTALL NEW FIELD LIGHTING FIXTURES, LIGHT POLES, CIRCUITRY AND ASSOCIATE EQUIPMENT AS OUTLINED IN THE DRAWINGS AND SPECIFICATIONS. SEE SHT. E-10.

ELECTRICAL SITE PLAN
 SCALE 1" = 80'

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 Nashville, Tennessee 37203-2170

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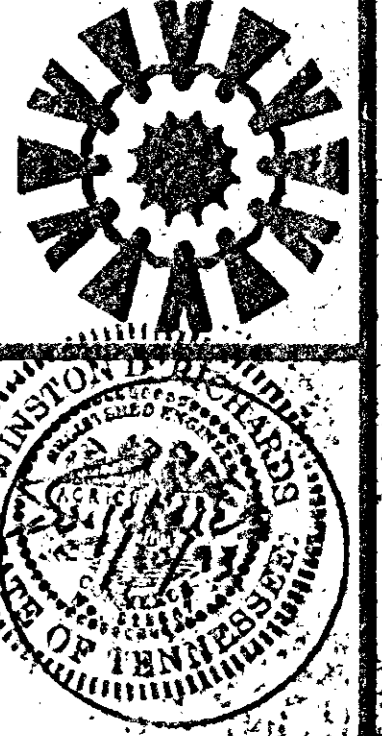
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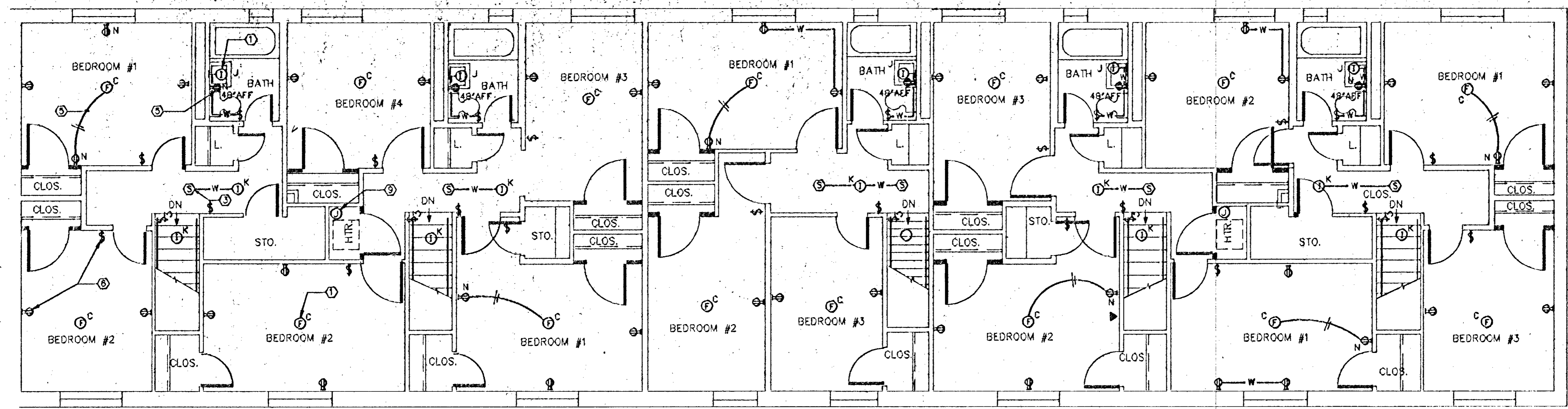
SHEET NO.
E-1

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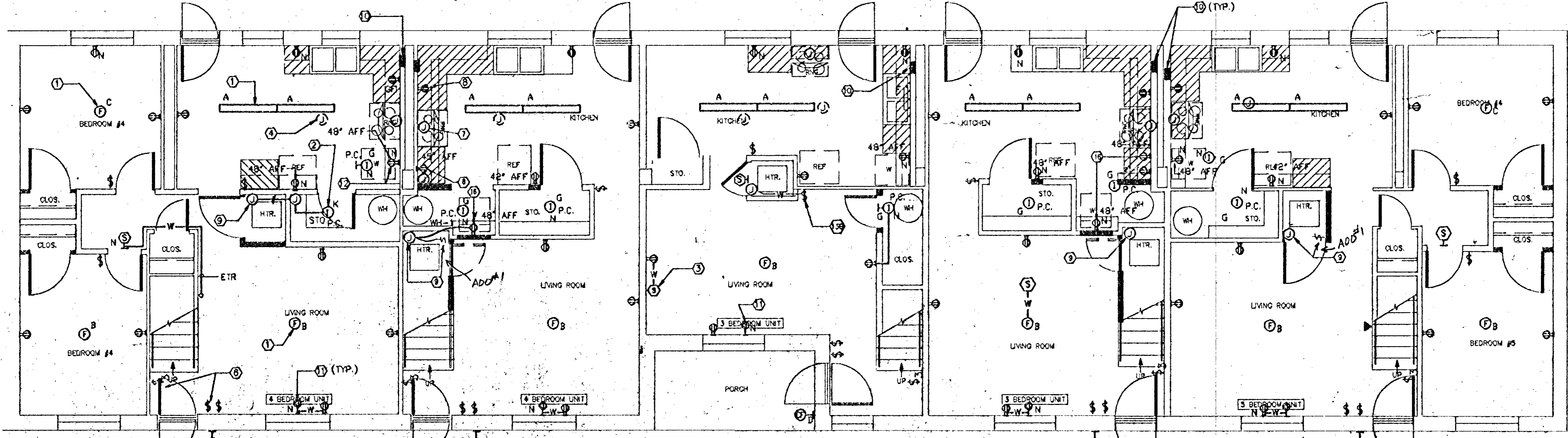


SECOND FLOOR PLAN (TYPE "A")

SCALE 1/4" = 1'-0"

NOTES:

- ① REPLACE EXISTING LIGHT FIXTURES WITH NEW TYPE LUMINAIRE INDICATED. SEE LUMINAIRE SCHEDULE.
- ② PROVIDE NEW LAMPHOLDER WITH PULL CORD SWITCH.
- ③ PROVIDE NEW SMOKE DETECTOR. CONNECT TO LIGHTING CIRCUIT AND AHEAD OF ALL LOCAL SWITCHING. UTILIZE EXISTING SURFACE RACEWAY AND WIRING. PROVIDE NEW RACEWAY COVERS WHERE MISSING.
- ④ EXISTING LIGHTING OUTLET BOX. EXTEND CIRCUIT TO NEW LUMINAIRE AND CONNECT. PROVIDE BLANK STAINLESS STEEL COVER PLATE AT EXPOSED BOXES. EXPOSED RACEWAY SHALL BE SURFACE METAL RACEWAY. *PLUG ADD #1*
- ⑤ PROVIDE NEW SURFACE MOUNTED RECEPTACLE. *PLUG ADD #1* PROVIDE WIRE MOLD TYPE RACEWAY FOR EXPOSED WIRING BELOW CEILING.
- ⑥ REPLACE ALL EXISTING SWITCHES AND RECEPTACLES WITH NEW SWITCHES AND RECEPTACLES U.O.N.
- ⑦ PROVIDE NEW JUNCTION BOX FOR RANGE HOOD. COORDINATE EXACT LOCATIONS WITH ARCHITECT AND ESTABLISH CIRCUIT.
- ⑧ FURNISH AND INSTALL NEW COUNTERTOP RECEPTACLES (FLUSH MOUNTED ABOVE COUNTERTOP) AS SHOWN. ESTABLISH TWO SMALL APPLIANCE BRANCH CIRCUIT IN ACCORDANCE WITH N.E.C. 220-4 AND CONNECT.
- ⑨ RECONNECT NEW FURNACE TO EXISTING CIRCUIT FOR EXISTING FURNACE. PROVIDE NEW FLEXIBLE CONDUIT AND WIRE PROVIDE OR REPLACE COMBINATION SWITCH AND RECEPTACLE OUTLET FOR FURNACE.
- ⑩ PROVIDE NEW 18 - CIRCUIT 100 AMP 240/120V, LOAD CENTER INTERIOR. INSTALL IN EXISTING LOAD CENTER ENCLOSURE. SEE LOAD CENTER SCHEDULE ON DWG E-3. RECONNECT EXISTING CIRCUITS.
- ⑪ PROVIDE NEW SURFACE MOUNTED NEMA 6-20R RECEPTACLE FOR A.C. UNIT.
- ⑫ NEW SURFACE MOUNTED RECEPTACLE. RUN CIRCUIT IN 1/2" EXPOSED CONDUIT FROM DEVICE LOCATIONS TO POWER SOURCE INDICATED AND CONNECT.
- ⑬ EXISTING LIGHT SWITCH, RELOCATE TO NEW LOCATION SHOWN.
- ⑭ EXISTING RECEPTACLE TO BE REMOVED. EXTEND RACEWAY TO DEVICE INDICATED AND ESTABLISH CIRCUIT PER PANEL SCHEDULE. SEE NOTE ⑫ OR ⑬ AS APPLIES.
- ⑮ DISCONNECT AND REMOVE EXISTING SWITCH AND/OR LIGHT FIXTURE AS INDICATED. PROVIDE BLANK COVER PLATE AT ABANDONED DEVICE/OUTLET BOX. SURFACE MOUNTED RACEWAY AND OUTLET BOXES SHALL BE DEMOLISHED.
- ⑯ PROVIDE NEW FLUSH MOUNTED RECEPTACLES EXTEND NEW RACEWAY, FROM ADJACENT OUTLET BOX TO NEW DEVICE PROVIDE WIRING ESTABLISH CIRCUIT AND CONNECT.



FIRST FLOOR PLAN (TYPE "A")

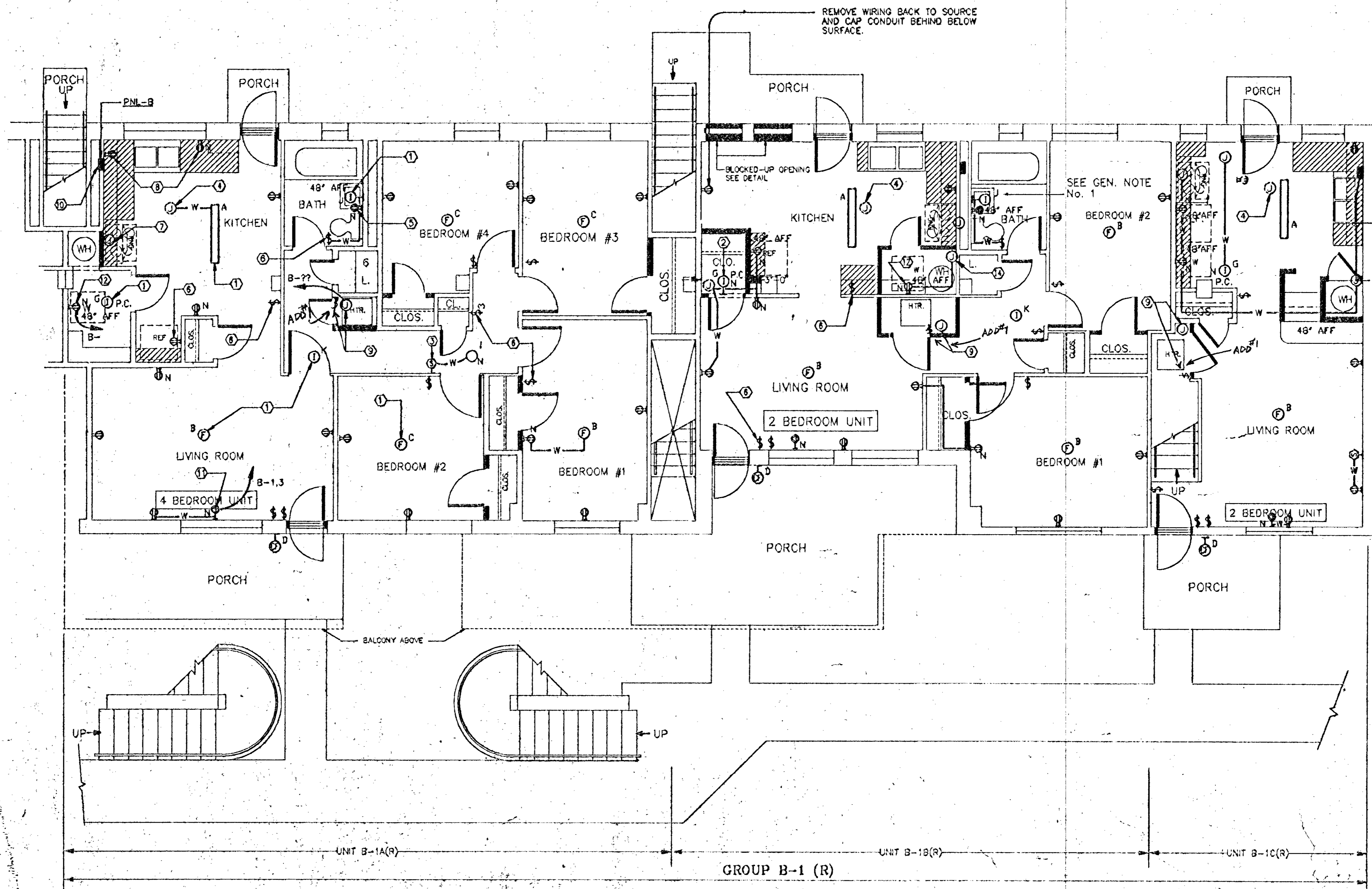
SCALE 1/4" = 1'-0"

**RESIDENTIAL TYPE "A" 1ST & 2ND FL
 LIGHTING AND POWER**

RELEASED FOR CONSTRUCTION

NOTES:

- ① REPLACE EXISTING LIGHT FIXTURES WITH NEW TYPE LUMINAIRE INDICATED. SEE LUMINAIRE SCHEDULE.
- ② PROVIDE NEW LAMPHOLDER WITH PULL CORD SWITCH.
- ③ PROVIDE NEW SMOKE DETECTOR. CONNECT TO LIGHTING CIRCUIT AND AHEAD OF ALL LOCAL SWITCHING. UTILIZE EXISTING SURFACE RACEWAY AND WIRING. PROVIDE NEW RACEWAY COVERS WHERE MISSING.
- ④ EXISTING LIGHTING OUTLET BOX. EXTEND CIRCUIT TO NEW LUMINAIRE AND CONNECT. PROVIDE BLANK STAINLESS STEEL COVER PLATE AT EXPOSED BOXES. EXPOSED RACEWAY SHALL BE SURFACE METAL RACEWAY.
- ⑤ PROVIDE NEW SURFACE MOUNTED RECEPTACLE. PROVIDE WIRE NOLD-TYPE RACEWAY FOR EXPOSED WIRING BELOW CEILING.
- ⑥ REPLACE ALL EXISTING SWITCHES AND RECEPTACLES WITH NEW SWITCHES AND RECEPTACLES U.O.N.
- ⑦ PROVIDE NEW JUNCTION BOX FOR RANGE HOOD. COORDINATE EXACT LOCATIONS WITH ARCHITECT AND ESTABLISH CIRCUIT.
- ⑧ FURNISH AND INSTALL NEW COUNTERTOP RECEPTACLES (FLUSH MOUNTED ABOVE COUNTERTOP) AS SHOWN. ESTABLISH TWO SMALL APPLIANCE BRANCH CIRCUIT IN ACCORDANCE WITH N.E.C. 220-4 AND CONNECT.
- ⑨ RECONNECT NEW FURNACE TO EXISTING CIRCUIT FOR EXISTING FURNACE. PROVIDE NEW FLEXIBLE CONDUIT AND WIRE. PROVIDE OR REPLACE COMBINATION SWITCH AND RECEPTACLE OUTLET FOR FURNACE.
- ⑩ PROVIDE NEW 10 - CIRCUIT 100 AMP 240/120V. LOAD CENTER INTERIOR. INSTALL IN EXISTING LOAD CENTER ENCLOSURE. SEE LOAD CENTER SCHEDULE ON DWG E-9. RECONNECT EXISTING CIRCUITS.
- ⑪ PROVIDE NEW SURFACE MOUNTED NEMA 6-20R RECEPTACLE FOR A.C. UNIT.
- ⑫ NEW SURFACE MOUNTED RECEPTACLE. RUN CIRCUIT IN 1/2" EXPOSED CONDUIT FROM DEVICE LOCATIONS TO POWER SOURCE INDICATED AND CONNECT.
- ⑬ EXISTING LIGHT SWITCH, RELOCATE TO NEW LOCATION SHOWN.
- ⑭ EXISTING RECEPTACLE TO BE REMOVED. EXTEND RACEWAY TO DEVICE INDICATED AND ESTABLISH CIRCUIT PER PANEL SCHEDULE. SEE NOTE ⑧ OR ⑫ AS APPLIES.
- ⑮ DISCONNECT AND REMOVE EXISTING SWITCH AND/OR LIGHT FIXTURE AS INDICATED. PROVIDE BLANK COVER PLATE AT ABANDONED DEVICE/OUTLET BOX. SURFACE MOUNTED RACEWAY AND OUTLET BOXES SHALL BE DEMOLISHED.
- ⑯ PROVIDE NEW FLUSH MOUNTED RECEPTACLES EXTEND NEW RACEWAY, FROM ADJACENT OUTLET BOX TO NEW DEVICE PROVIDE WIRING ESTABLISH CIRCUIT AND CONNECT.



FIRST FLOOR PLAN (TYPE "B")

SCALE 1/4" = 1'-0"

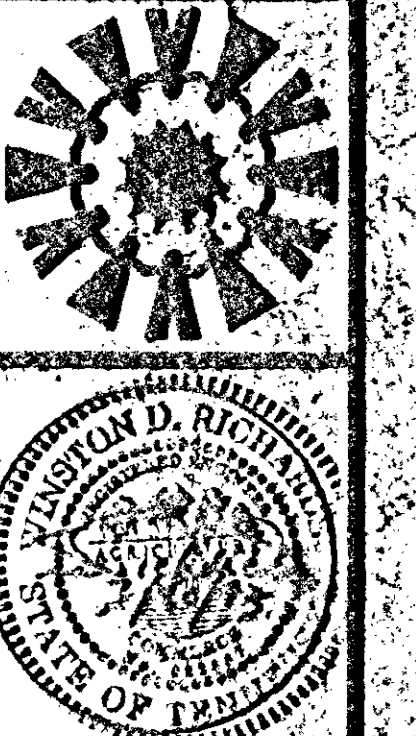
RESIDENTIAL TYPE "B" 1ST FL

LIGHTING AND POWER

Williams • Russell and Johnson, Inc.
 Electrical Engineers • Architects
 1000 Nashville Branch, Suite 1616
 401 James Robertson Parkway
 Nashville, Tennessee 37219
 Telephone 615/259-2176

DRAWN BY: C.P. CADW FILE NO.: TE-3
 CHECKED BY: C.B. PLOT DATE: 06/19/93

TONY SUDEKUM HOME RENOVATION
 TN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



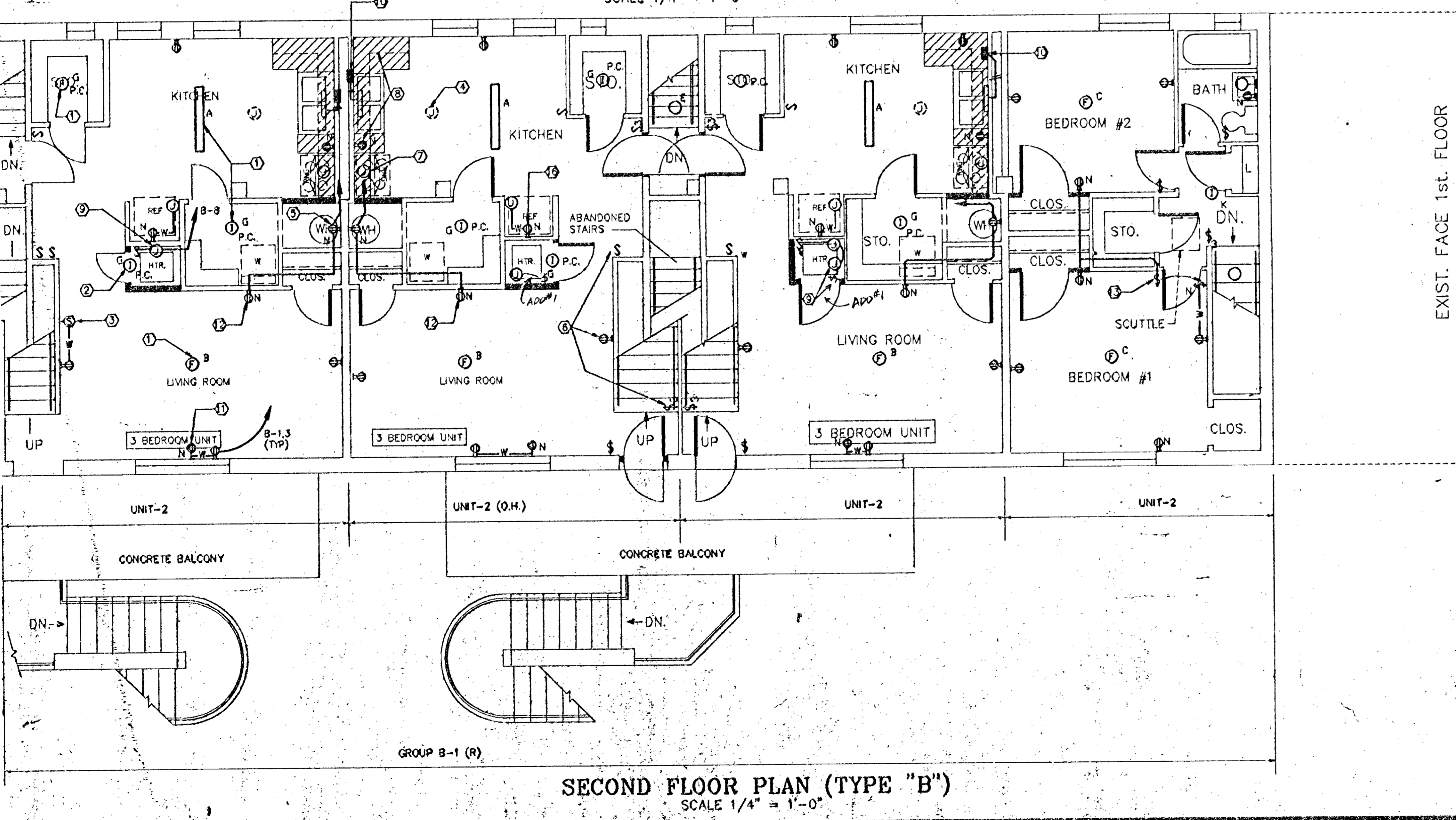
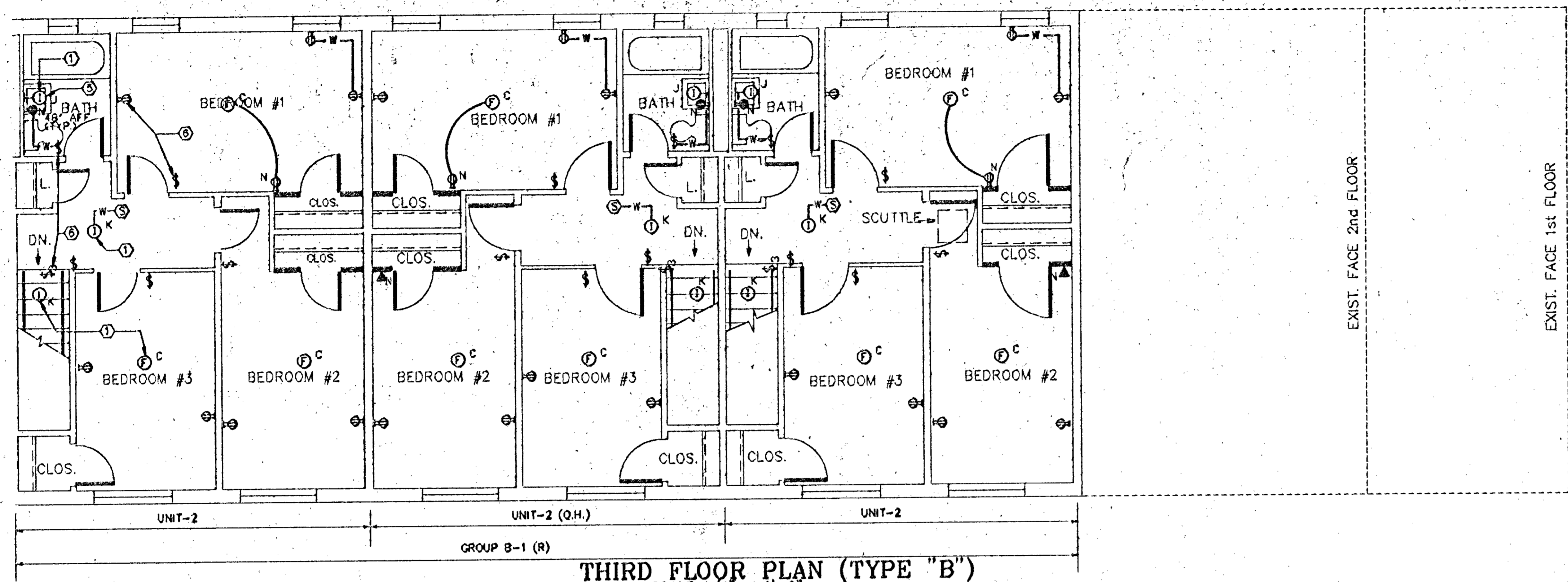
WR&J Project No.
 18093101

DATE: 6/4/93

NO.	DATE	REVISION

SHEET NO.
 E-3

RELEASED FOR CONSTRUCTION



- NOTES:
- REPLACE EXISTING LIGHT FIXTURES WITH NEW TYPE LUMINAIRE INDICATED. SEE LUMINAIRE SCHEDULE.
 - PROVIDE NEW LAMPHOLDER WITH PULL CORD SWITCH.
 - PROVIDE NEW SMOKE DETECTOR. CONNECT TO LIGHTING CIRCUIT AND AHEAD OF ALL LOCAL SWITCHING. UTILIZE EXISTING SURFACE RACEWAY AND WIRING. PROVIDE NEW RACEWAY COVERS WHERE MISSING.
 - EXISTING LIGHTING OUTLET BOX. EXTEND CIRCUIT TO NEW LUMINAIRE AND CONNECT. PROVIDE BLANK STAINLESS STEEL COVER PLATE AT EXPOSED BOXES. EXPOSED RACEWAY SHALL BE SURFACE METAL RACEWAY. *Flush - ADD #1*
 - PROVIDE NEW SURFACE MOUNTED RECEPTACLE. PROVIDE WIRE MOLD TYPE RACEWAY FOR EXPOSED WIRING BELOW CEILING.
 - REPLACE ALL EXISTING SWITCHES AND RECEPTACLES WITH NEW SWITCHES AND RECEPTACLES U.O.N.
 - PROVIDE NEW JUNCTION BOX FOR RANGE HOOD. COORDINATE EXACT LOCATIONS WITH ARCHITECT AND ESTABLISH CIRCUIT.
 - FURNISH AND INSTALL NEW COUNTERTOP RECEPTACLES (FLUSH MOUNTED ABOVE COUNTERTOP) AS SHOWN. ESTABLISH TWO SMALL APPLIANCE BRANCH CIRCUIT IN ACCORDANCE WITH N.E.C. 220-4 AND CONNECT.
 - RECONNECT NEW FURNACE TO EXISTING CIRCUIT FOR EXISTING FURNACE. PROVIDE NEW FLEXIBLE CONDUIT AND WIRE PROVIDE OR REPLACE COMBINATION SWITCH AND RECEPTACLE OUTLET FOR FURNACE.
 - PROVIDE NEW 16 - CIRCUIT 100 AMP 240/120V. LOAD CENTER INTERIOR. INSTALL IN EXISTING LOAD CENTER ENCLOSURE. SEE LOAD CENTER SCHEDULE ON DWG E-9. RECONNECT EXISTING CIRCUITS.
 - PROVIDE NEW SURFACE MOUNTED NEMA 5-20R RECEPTACLE FOR A.C. UNIT.
 - NEW SURFACE MOUNTED RECEPTACLE. RUN CIRCUIT IN 1/2" EXPOSED CONDUIT FROM DEVICE LOCATIONS TO POWER SOURCE INDICATED AND CONNECT.
 - EXISTING LIGHT SWITCH, RELOCATE TO NEW LOCATION SHOWN.
 - EXISTING RECEPTACLE TO BE REMOVED. EXTEND RACEWAY TO DEVICE INDICATED AND ESTABLISH CIRCUIT PER PANEL SCHEDULE. SEE NOTE ③ OR ② AS APPLIES.
 - DISCONNECT AND REMOVE EXISTING SWITCH AND/OR LIGHT FIXTURE AS INDICATED. PROVIDE BLANK COVER PLATE AT ABANDONED DEVICE/OUTLET BOX. SURFACE RACEWAY AND OUTLET BOXES SHALL BE DEMOLISHED.
 - PROVIDE NEW FLUSH MOUNTED RECEPTACLES EXTEND NEW RACEWAY. FROM ADJACENT OUTLET BOX TO NEW DEVICE PROVIDE WIRING ESTABLISH CIRCUIT AND CONNECT.

williams - russell and johnson, inc.
engineers - planners - architects
Nashville Branch - Suite 1815
Metropolitan Building - Nashville, Tennessee 37219
Telephone 615/252-8770

DRAWN BY: C.P. CADD FILE NO.: TE-4
CHECKED BY: C.B. PLOT DATE: 06/19/93

TONY SUDEKUM HOME RENOVATION
TN005-005

METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

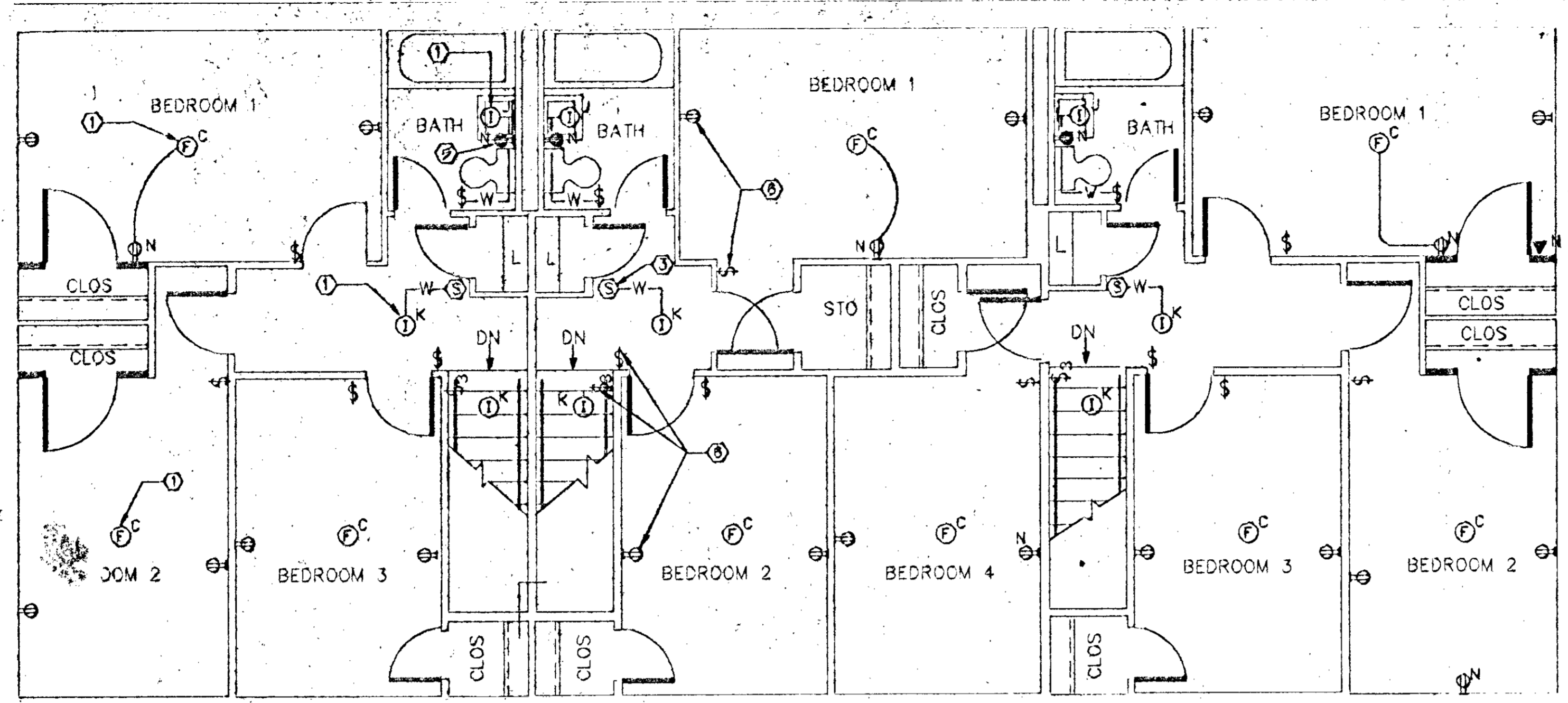


NO.	DATE	REVISION

SHEET NO. E-4

RESIDENTIAL TYPE "B" 2ND & 3RD FL.
LIGHTING AND POWER

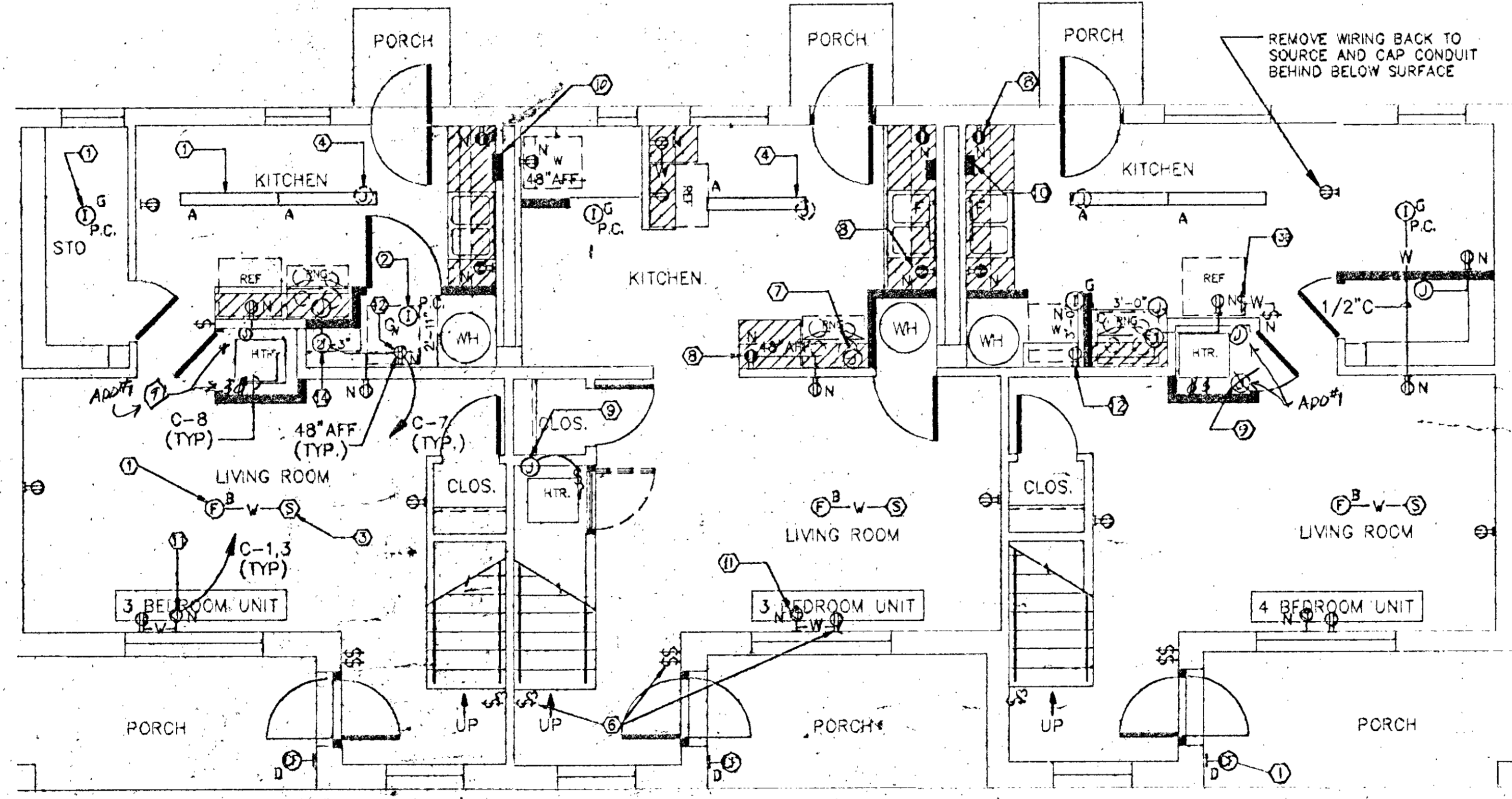
RELEASED FOR CONSTRUCTION



UNIT C-2(R)

GROUP C-1(R)

SECOND FLOOR PLAN (TYPE "C")
SCALE 1/4" = 1'-0"



PLAN-1 (O.H.)

PLAN-2

PLAN-1

UNIT C-2(R)

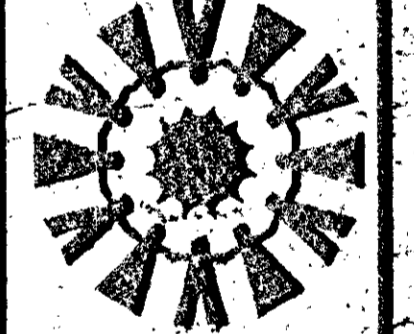
GROUP C-1(R)

FIRST FLOOR PLAN (TYPE "C")
SCALE 1/4" = 1'-0"

- NOTES:
- 1 REPLACE EXISTING LIGHT FIXTURES WITH NEW TYPE LUMINAIRE INDICATED. SEE LUMINAIRE SCHEDULE.
 - 2 PROVIDE NEW LAMPHOLDER WITH PULL CORD SWITCH.
 - 3 PROVIDE NEW SMOKE DETECTOR. CONNECT TO LIGHTING CIRCUIT AND AHEAD OF ALL LOCAL SWITCHING. UTILIZE EXISTING SURFACE RACEWAY AND WIRING. PROVIDE NEW RACEWAY COVERS WHERE MISSING.
 - 4 EXISTING LIGHTING OUTLET BOX. EXTEND CIRCUIT TO NEW LUMINAIRE AND CONNECT. PROVIDE BLANK STAINLESS STEEL COVER PLATE AT EXPOSED BOXES. EXPOSED RACEWAY SHALL BE SURFACE METAL RACEWAY. *ADD#1*
 - 5 PROVIDE NEW SURFACE MOUNTED RECEPTACLE. PROVIDE WIRE MOLD TYPE RACEWAY FOR EXPOSED WIRING BELOW CEILING.
 - 6 REPLACE ALL EXISTING SWITCHES AND RECEPTACLES WITH NEW SWITCHES AND RECEPTACLES U.O.N.
 - 7 PROVIDE NEW JUNCTION BOX FOR RANGE HOOD. COORDINATE EXACT LOCATIONS WITH ARCHITECT AND ESTABLISH CIRCUIT.
 - 8 FURNISH AND INSTALL NEW COUNTERTOP RECEPTACLES (FLUSH MOUNTED ABOVE COUNTERTOP) AS SHOWN. ESTABLISH TWO SMALL APPLIANCE BRANCH CIRCUIT IN ACCORDANCE WITH N.E.C. 220-4 AND CONNECT.
 - 9 RECONNECT NEW FURNACE TO EXISTING CIRCUIT FOR EXISTING FURNACE. PROVIDE NEW FLEXIBLE CONDUIT AND WIRE PROVIDE OR REPLACE COMBINATION SWITCH AND RECEPTACLE OUTLET FOR FURNACE.
 - 10 PROVIDE NEW 16 - CIRCUIT 100 AMP 240/120V. LOAD CENTER *ADD#1* IN EXISTING LOAD CENTER ENCLOSURE. SEE LOAD CENTER SCHEDULE ON DWG E-9. RECONNECT EXISTING CIRCUITS.
 - 11 PROVIDE NEW SURFACE MOUNTED NEMA 8-20R RECEPTACLE FOR A.C. UNIT.
 - 12 NEW SURFACE MOUNTED RECEPTACLE. RUN CIRCUIT IN 1/2" EXPOSED CONDUIT FROM DEVICE LOCATIONS TO POWER SOURCE INDICATED AND CONNECT.
 - 13 EXISTING LIGHT SWITCH, RELOCATE TO NEW LOCATION SHOWN.
 - 14 EXISTING RECEPTACLE TO BE REMOVED. EXTEND RACEWAY TO DEVICE INDICATED AND ESTABLISH CIRCUIT PER PANEL SCHEDULE. SEE NOTE 8 OR 13 AS APPLIES.
 - 15 DISCONNECT AND REMOVE EXISTING SWITCH AND/OR LIGHT FIXTURE AS INDICATED. PROVIDE BLANK COVER PLATE AT ABANDONED DEVICE/OUTLET BOX. *ADD#1* SURFACE MOUNTED RACEWAY & OUTLET BOXES SHALL BE DEMOLISHED.
 - 16 PROVIDE NEW FLUSH MOUNTED RECEPTACLES EXTEND NEW RACEWAY, FROM ADJACENT OUTLET BOX TO NEW DEVICE PROVIDE WIRING ESTABLISH CIRCUIT AND CONNECT.

Williams - Russell and Johnson, Inc.
Engineers - Planners - Architects
Nashville Branch - Suite 1815
Nashville, Tennessee 37215
Telephone 615/258-2170
DRAWN BY: C.P. CADD FILE NO.: TE-5
CHECKED BY: C.B. PLOT DATE: 06/19/93

TONY SUDEKUM HOME RENOVATION
IN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



WR&J Project No.:
18093101
DATE: 6/4/93

NO.	DATE	REVISION

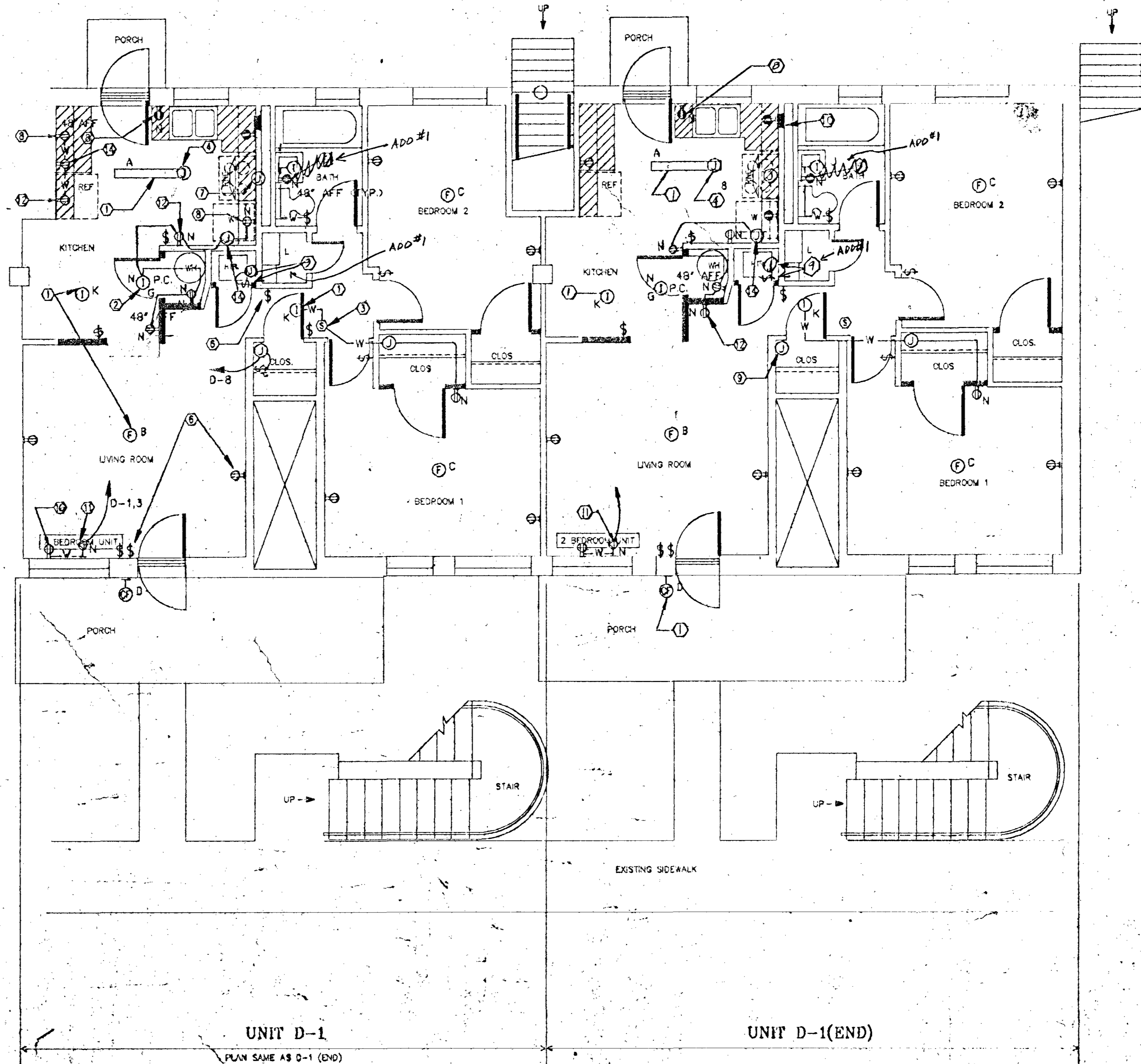
SHEET NO.
E-5

RESIDENTIAL TYPE "C" 1ST FL.
LIGHTING AND POWER

RELEASED FOR CONSTRUCTION

NOTES:

- ① REPLACE EXISTING LIGHT FIXTURES WITH NEW TYPE LUMINAIRE INDICATED. SEE LUMINAIRE SCHEDULE.
- ② PROVIDE NEW LAMPHOLDER WITH PULL CORD SWITCH.
- ③ PROVIDE NEW SMOKE DETECTOR. CONNECT TO LIGHTING CIRCUIT AND AHEAD OF ALL LOCAL SWITCHING. UTILIZE EXISTING SURFACE RACEWAY AND WIRING. PROVIDE NEW RACEWAY COVERS WHERE MISSING.
- ④ EXISTING LIGHTING OUTLET BOX. EXTEND CIRCUIT TO NEW LUMINAIRE AND CONNECT. PROVIDE BLANK STAINLESS STEEL COVER PLATE AT EXPOSED BOXES. EXPOSED RACEWAY SHALL BE SURFACE METAL RACEWAY. *FLASH ADD #1*
- ⑤ PROVIDE NEW SURFACE MOUNTED RECEPTACLE. PROVIDE WIRE MOLD TYPE RACEWAY FOR EXPOSED WIRING BELOW CEILING.
- ⑥ REPLACE ALL EXISTING SWITCHES AND RECEPTACLES WITH NEW SWITCHES AND RECEPTACLES U.O.N.
- ⑦ PROVIDE NEW JUNCTION BOX FOR RANGE HOOD. COORDINATE EXACT LOCATIONS WITH ARCHITECT AND ESTABLISH CIRCUIT.
- ⑧ FURNISH AND INSTALL NEW COUNTERTOP RECEPTACLES (FLUSH MOUNTED ABOVE COUNTERTOP) AS SHOWN. ESTABLISH TWO SMALL APPLIANCE BRANCH CIRCUIT IN ACCORDANCE WITH N.E.C. 220-4 AND CONNECT.
- ⑨ RECONNECT NEW FURNACE TO EXISTING CIRCUIT FOR EXISTING FURNACE. PROVIDE NEW FLEXIBLE CONDUIT AND WIRE PROVIDE OR REPLACE COMBINATION SWITCH AND RECEPTACLE OUTLET FOR FURNACE.
- ⑩ PROVIDE NEW 16 - CIRCUIT 100 AMP 240/120V. LOAD CENTER INTERIOR. INSTALL IN EXISTING LOAD CENTER ENCLOSURE. SEE LOAD CENTER SCHEDULE ON DWG E-9. RECONNECT EXISTING CIRCUITS.
- ⑪ PROVIDE NEW SURFACE MOUNTED NEMA 6-20R RECEPTACLE FOR A.C. UNIT.
- ⑫ NEW SURFACE MOUNTED RECEPTACLE. RUN CIRCUIT IN 1/2" EXPOSED CONDUIT FROM DEVICE LOCATIONS TO POWER SOURCE INDICATED AND CONNECT.
- ⑬ EXISTING LIGHT SWITCH, RELOCATE TO NEW LOCATION SHOWN.
- ⑭ EXISTING RECEPTACLE TO BE REMOVED. EXTEND RACEWAY TO DEVICE INDICATED AND ESTABLISH CIRCUIT PER PANEL SCHEDULE. SEE NOTE ③ OR ⑫ AS APPLIES.
- ⑮ DISCONNECT AND REMOVE EXISTING SWITCH AND/OR LIGHT FIXTURE AS INDICATED. PROVIDE BLANK COVER PLATE AT ABANDONED DEVICE/OUTLET BOX. *SURFACE MOUNTED RACEWAY & OUTLET BOXES SHALL BE DEMOLISHED.*
- ⑯ PROVIDE NEW FLUSH MOUNTED RECEPTACLES EXTEND NEW RACEWAY, FROM ADJACENT OUTLET BOX TO NEW DEVICE PROVIDE WIRING ESTABLISH CIRCUIT AND CONNECT.

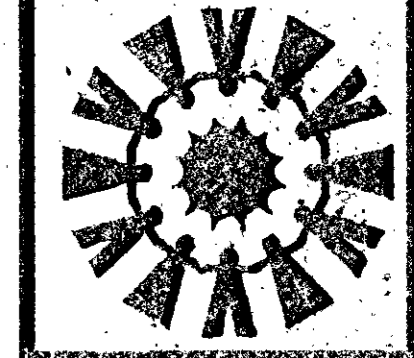


FIRST FLOOR PLAN (TYPE "D")
SCALE 1/4" = 1'-0"

RESIDENTIAL TYPE "D" 1ST FL.
LIGHTING AND POWER

williams - russell and johnson, inc.
engineers - planners - architects
Nashville Branch Suite 1413
Nashville, Tennessee 37215
Telephone 615/254-4170
DRAWN BY: C.P. CADD FILE NO. JE-6
CHECKED BY: C.B. PLOT DATE 06/18/93cp

TONY SUDEKUM HOME RENOVATION
IN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

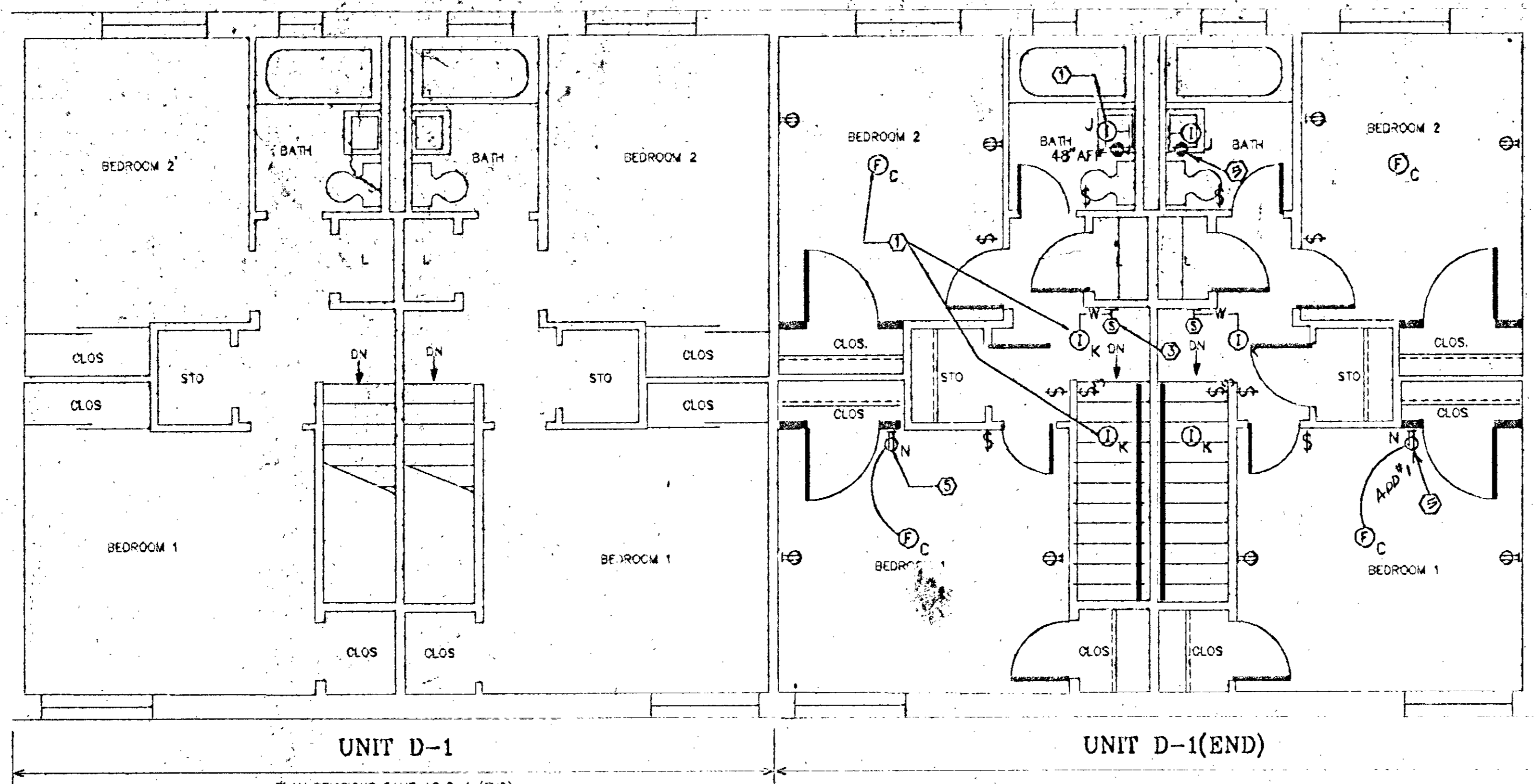


WR&J Project No.:
18093101
DATE: 6/4/93

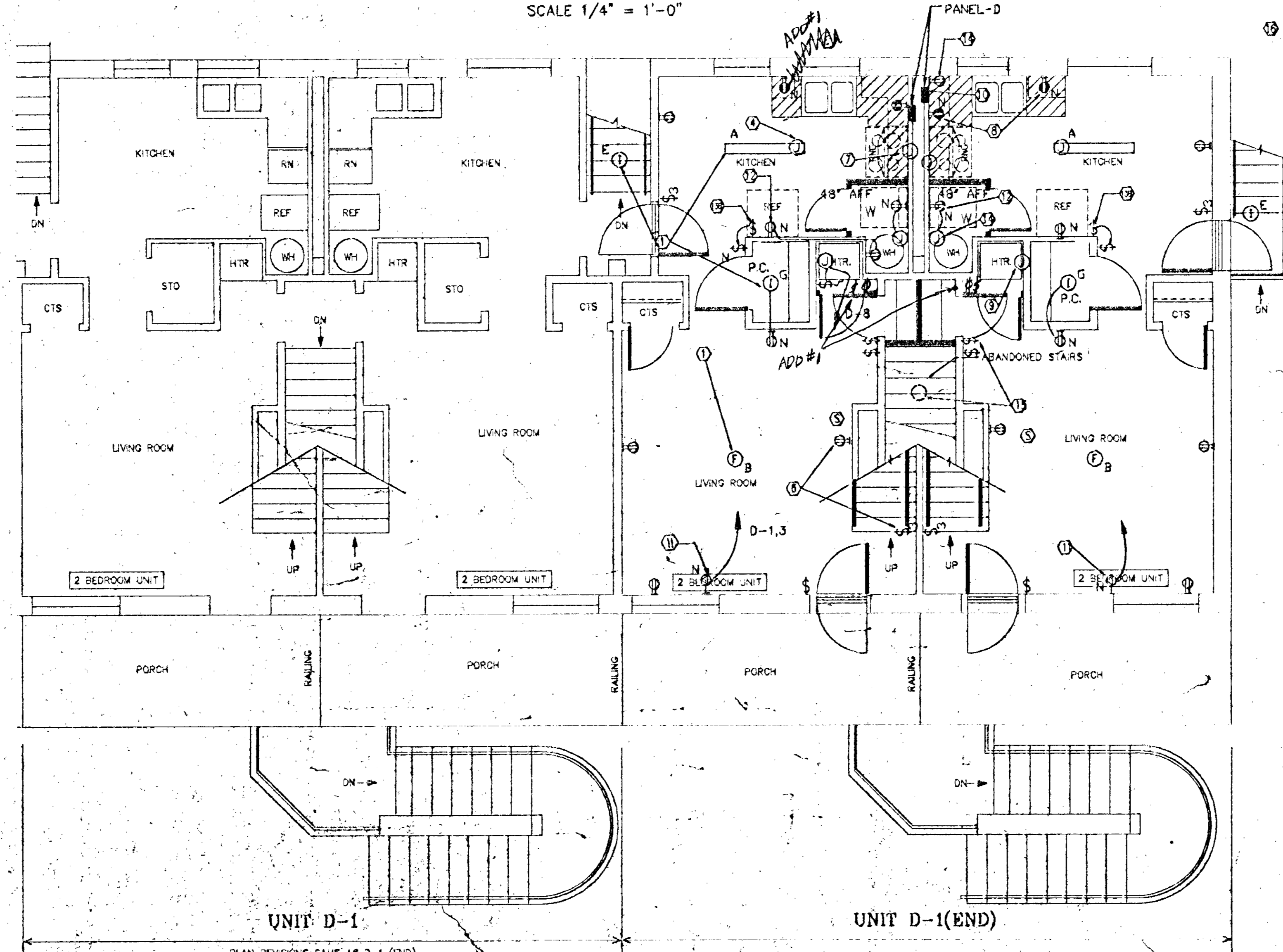
NO.	DATE	REVISION

SHEET NO.
E-6

RELEASED FOR CONSTRUCTION



THIRD FLOOR PLAN (TYPE "D")
SCALE 1/4" = 1'-0"



SECOND FLOOR PLAN (TYPE "D")
SCALE 1/4" = 1'-0"

- NOTES:
- 1) REPLACE EXISTING LIGHT FIXTURES WITH NEW TYPE LUMINAIRE INDICATED. SEE LUMINAIRE SCHEDULE.
 - 2) PROVIDE NEW LAMPHOLDER WITH PULL CORD SWITCH.
 - 3) PROVIDE NEW SMOKE DETECTOR. CONNECT TO LIGHTING CIRCUIT AND AHEAD OF ALL LOCAL SWITCHING. UTILIZE EXISTING SURFACE RACEWAY AND WIRING. PROVIDE NEW RACEWAY COVERS WHERE MISSING.
 - 4) EXISTING LIGHTING OUTLET BOX. EXTEND CIRCUIT TO NEW LUMINAIRE AND CONNECT. PROVIDE BLANK STAINLESS STEEL COVER PLATE AT EXPOSED BOXES. EXPOSED RACEWAY SHALL BE SURFACE METAL RACEWAY. *PUSH & ADD #1*
 - 5) PROVIDE NEW SURFACE MOUNTED RECEPTACLE. PROVIDE WIRE MOLD TYPE RACEWAY FOR EXPOSED WIRING BELOW CEILING. *PUSH & ADD #1*
 - 6) REPLACE ALL EXISTING SWITCHES AND RECEPTACLES WITH NEW SWITCHES AND RECEPTACLES U.O.N.
 - 7) PROVIDE NEW JUNCTION BOX FOR RANGE HOOD. COORDINATE EXACT LOCATIONS WITH ARCHITECT AND ESTABLISH CIRCUIT.
 - 8) FURNISH AND INSTALL NEW COUNTERTOP RECEPTACLES (FLUSH MOUNTED ABOVE COUNTERTOP) AS SHOWN. ESTABLISH TWO SMALL APPLIANCE BRANCH CIRCUIT IN ACCORDANCE WITH N.E.C. 220-4 AND CONNECT.
 - 9) RECONNECT NEW FURNACE TO EXISTING CIRCUIT FOR EXISTING FURNACE. PROVIDE NEW FLEXIBLE CONDUIT AND WIRE PROVIDE OR REPLACE COMBINATION SWITCH AND RECEPTACLE OUTLET FOR FURNACE.
 - 10) PROVIDE NEW 16 - CIRCUIT 100 AMP 240/120V, LOAD CENTER INTERIOR. INSTALL IN EXISTING LOAD CENTER ENCLOSURE. SEE LOAD CENTER SCHEDULE ON DWG E-9. RECONNECT EXISTING CIRCUITS.
 - 11) PROVIDE NEW SURFACE MOUNTED NEMA 6-20R RECEPTACLE FOR A.C. UNIT.
 - 12) NEW SURFACE MOUNTED RECEPTACLE. RUN CIRCUIT IN 1/2" EXPOSED CONDUIT FROM DEVICE LOCATIONS TO POWER SOURCE INDICATED AND CONNECT.
 - 13) EXISTING LIGHT SWITCH, RELOCATE TO NEW LOCATION SHOWN.
 - 14) EXISTING RECEPTACLE TO BE REMOVED. EXTEND RACEWAY TO DEVICE INDICATED AND ESTABLISH CIRCUIT PER PANEL SCHEDULE. SEE NOTE 13) OR 12) AS APPLIES.
 - 15) DISCONNECT AND REMOVE EXISTING SWITCH AND/OR LIGHT FIXTURE AS INDICATED. PROVIDE BLANK COVER PLATE AT ABANDONED DEVICE/OUTLET BOX. SURFACE MOUNTED RACEWAY & OUTLET BOXES SHALL BE DEMOLISHED. *ADD #1*
 - 16) PROVIDE NEW FLUSH MOUNTED RECEPTACLES EXTEND NEW RACEWAY, FROM ADJACENT OUTLET BOX TO NEW DEVICE PROVIDE WIRING ESTABLISH CIRCUIT AND CONNECT.

RESIDENTIAL TYPE "D" 2ND & 3RD FL.
LIGHTING AND POWER

williams - russell and johnson, inc.
engineers - planners - architects
Mobile Office - Suite 1815
404 North Robertson Parkway
Nashville, Tennessee 37219
Telephone 615/259-1111

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

Winston D. High School
Seal of the City of Nashville, Tennessee
WR&P Project No. 18093101
DATE: 8/4/93

NO.	DATE	REVISION

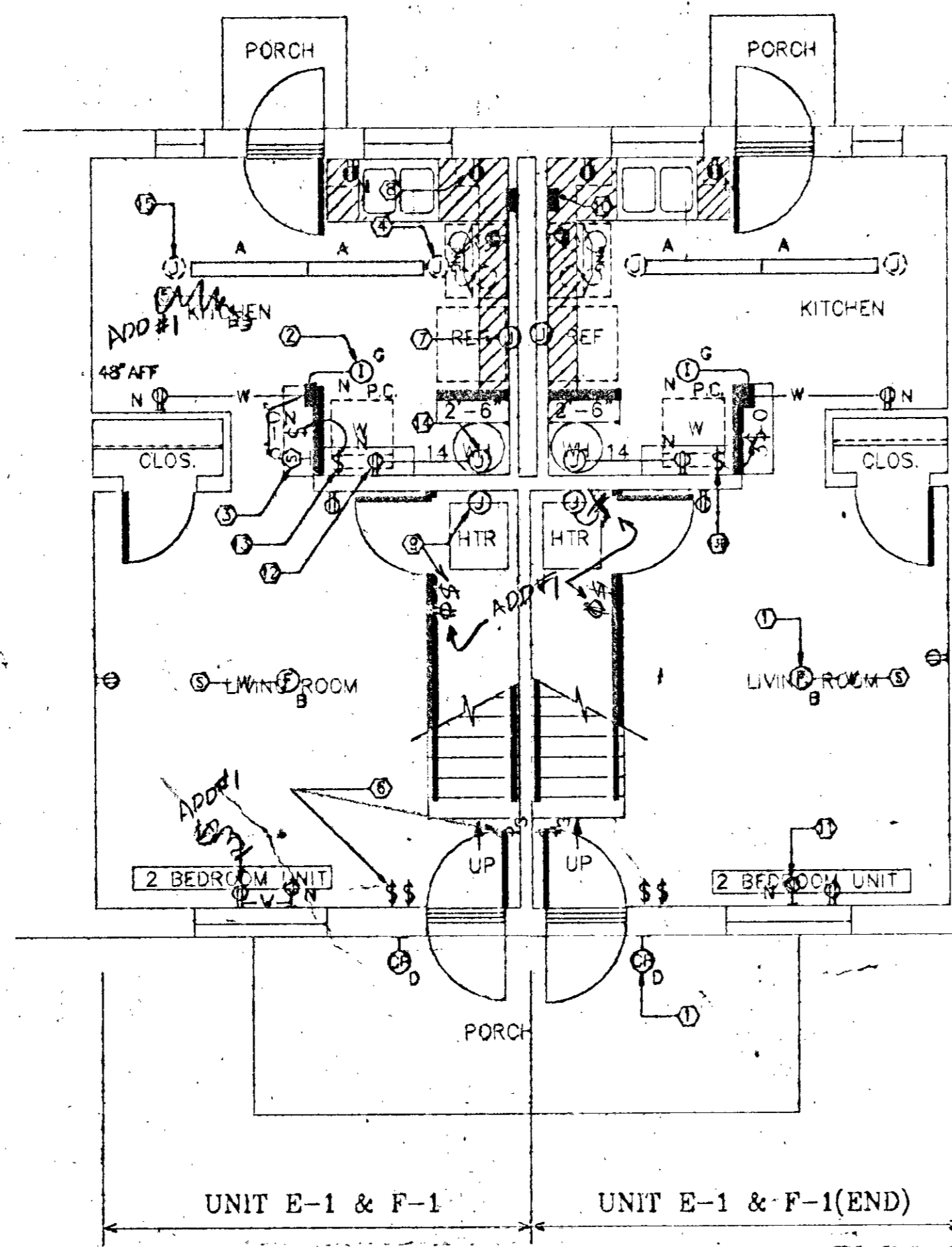
CADD FILE NO.: 1E-7
DRAWN BY: C.B. CHECKED BY: C.B. PLOT DATE: 06/19/93

SHEET NO. E-7

RELEASED FOR CONSTRUCTION

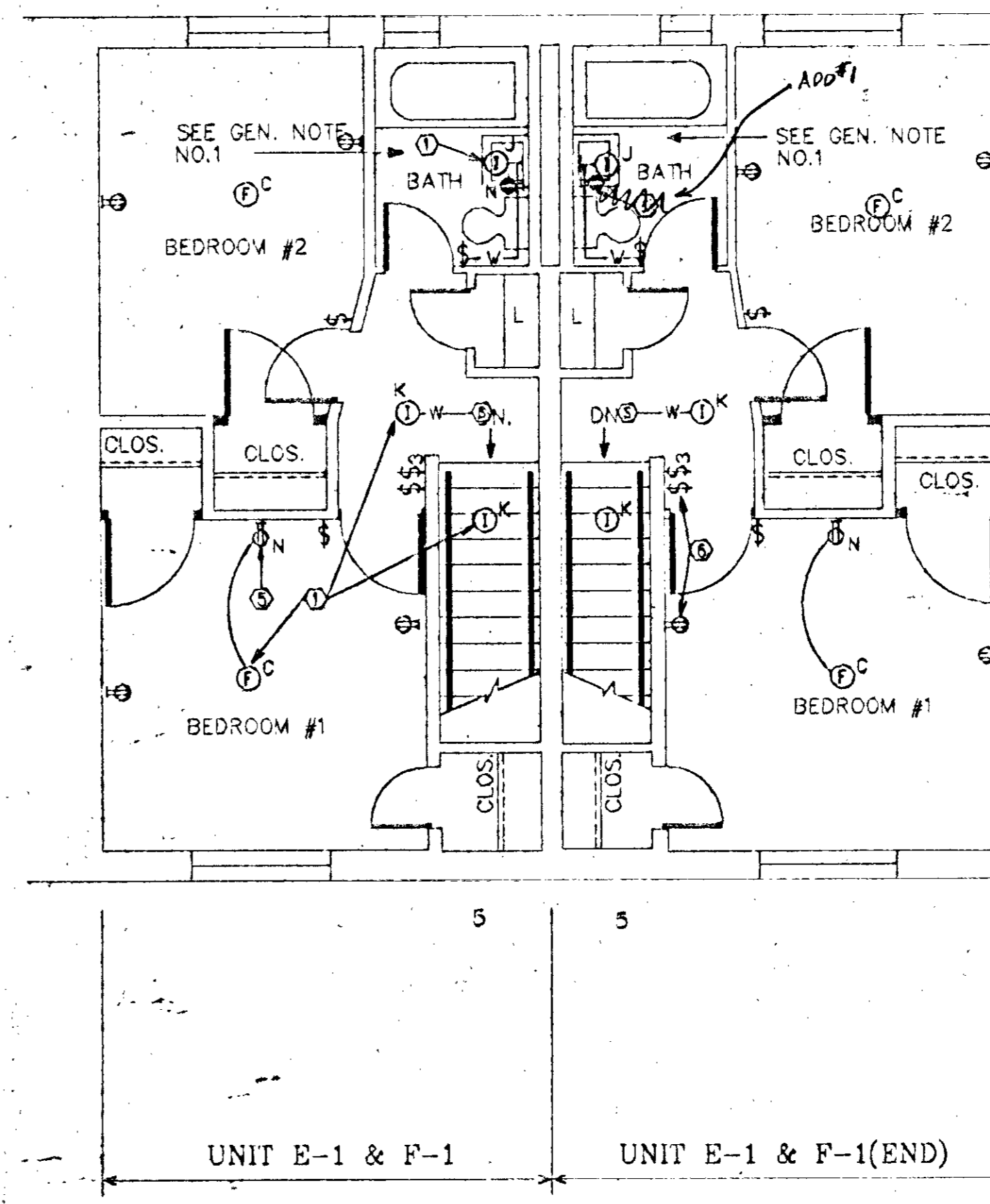
NOTES:

1. REPLACE EXISTING LIGHT FIXTURES WITH NEW TYPE LUMINAIRE INDICATED. SEE LUMINAIRE SCHEDULE.
2. PROVIDE NEW LAMPHOLDER WITH PULL CORD SWITCH.
3. PROVIDE NEW SMOKE DETECTOR. CONNECT TO LIGHTING CIRCUIT AND AHEAD OF ALL LOCAL SWITCHING. UTILIZE EXISTING SURFACE RACEWAY AND WIRING. PROVIDE NEW RACEWAY COVERS WHERE MISSING.
4. EXISTING LIGHTING OUTLET BOX. EXTEND CIRCUIT TO NEW LUMINAIRE AND CONNECT. PROVIDE BLANK STAINLESS STEEL COVER PLATE AT EXPOSED BOXES. EXPOSED RACEWAY SHALL BE SURFACE METAL RACEWAY. **FLUSH - ADD #1**
5. PROVIDE NEW SURFACE MOUNTED RECEPTACLE. PROVIDE WIRE-MOLD TYPE RACEWAY FOR EXPOSED WIRING BELOW CEILING.
6. REPLACE ALL EXISTING SWITCHES AND RECEPTACLES WITH NEW SWITCHES AND RECEPTACLES U.O.N.
7. PROVIDE NEW JUNCTION BOX FOR RANGE HOOD. COORDINATE EXACT LOCATIONS WITH ARCHITECT AND ESTABLISH CIRCUIT.
8. FURNISH AND INSTALL NEW COUNTERTOP RECEPTACLES (FLUSH MOUNTED ABOVE COUNTERTOP) AS SHOWN. ESTABLISH TWO SMALL APPLIANCE BRANCH CIRCUIT IN ACCORDANCE WITH N.E.C. 220-4 AND CONNECT.
9. RECONNECT NEW FURNACE TO EXISTING CIRCUIT FOR EXISTING FURNACE. PROVIDE NEW FLEXIBLE CONDUIT AND WIRE PROVIDE OR REPLACE COMBINATION SWITCH AND RECEPTACLE OUTLET FOR FURNACE.
10. PROVIDE NEW 16 - CIRCUIT 100 AMP 240/120V. LOAD CENTER INTERIOR. INSTALL IN EXISTING LOAD CENTER ENCLOSURE. SEE LOAD CENTER SCHEDULE ON DWG E-9. RECONNECT EXISTING CIRCUITS.
11. PROVIDE NEW SURFACE MOUNTED NEMA 6-20R RECEPTACLE FOR A.C. UNIT.
12. NEW SURFACE MOUNTED RECEPTACLE. RUN CIRCUIT IN 1/2" EXPOSED CONDUIT FROM DEVICE LOCATIONS TO POWER SOURCE INDICATED AND CONNECT.
13. EXISTING LIGHT SWITCH, RELOCATE TO NEW LOCATION SHOWN.
14. EXISTING RECEPTACLE TO BE REMOVED. EXTEND RACEWAY TO DEVICE INDICATED AND ESTABLISH CIRCUIT PER PANEL SCHEDULE. SEE NOTE 13 OR 12 AS APPLIES.
15. DISCONNECT AND REMOVE EXISTING SWITCH AND/OR LIGHT FIXTURE AS INDICATED. PROVIDE BLANK COVER PLATE AT ABANDONED DEVICE/OUTLET BOX. SURFACE MOUNTED RACEWAY & OUTLET BOXES SHALL BE FINISHED.
16. PROVIDE NEW FLUSH MOUNTED RECEPTACLES. EXTEND NEW RACEWAY FROM ADJACENT OUTLET BOX TO NEW DEVICE. PROVIDE WIRING. ESTABLISH CIRCUIT AND CONNECT.



FIRST FLOOR PLAN (TYPE "E" & "F")

SCALE 1/4" = 1'-0"

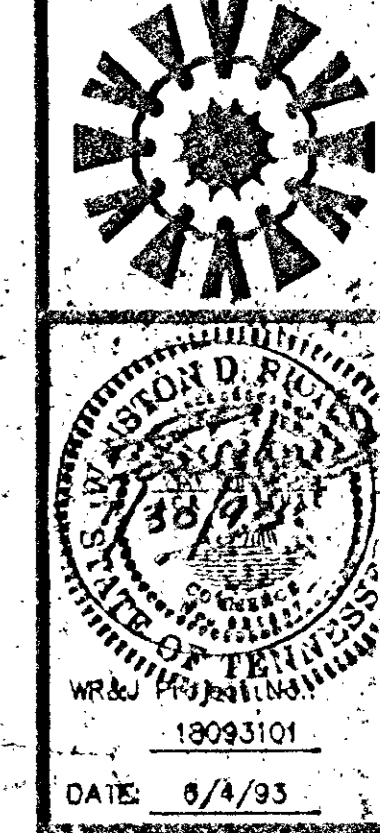


SECOND FLOOR PLAN (TYPE "E" & "F")

SCALE 1/4" = 1'-0"

williams - russell and johnson, inc.
 1000 - 10th Avenue
 Nashville, Tennessee 37203
 Telephone: 615/259-7200
 FAX: 615/259-7200

TONY SUDEKUM HOME RENOVATION
 TN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE

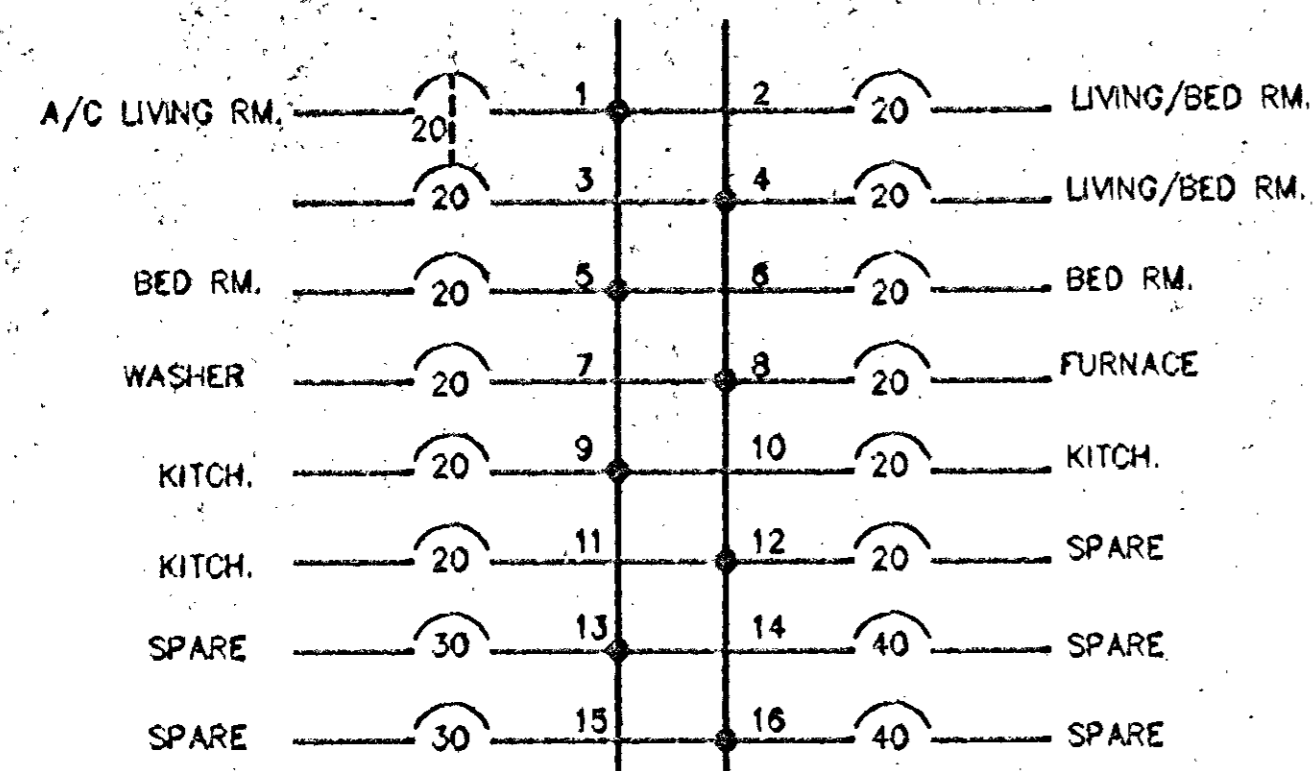


NO.	DATE	REVISION

SHEET NO.
F-8

RESIDENTIAL TYPE "E" & "F" 1ST & 2ND FL.
 LIGHTING AND POWER

RELEASED FOR CONSTRUCTION



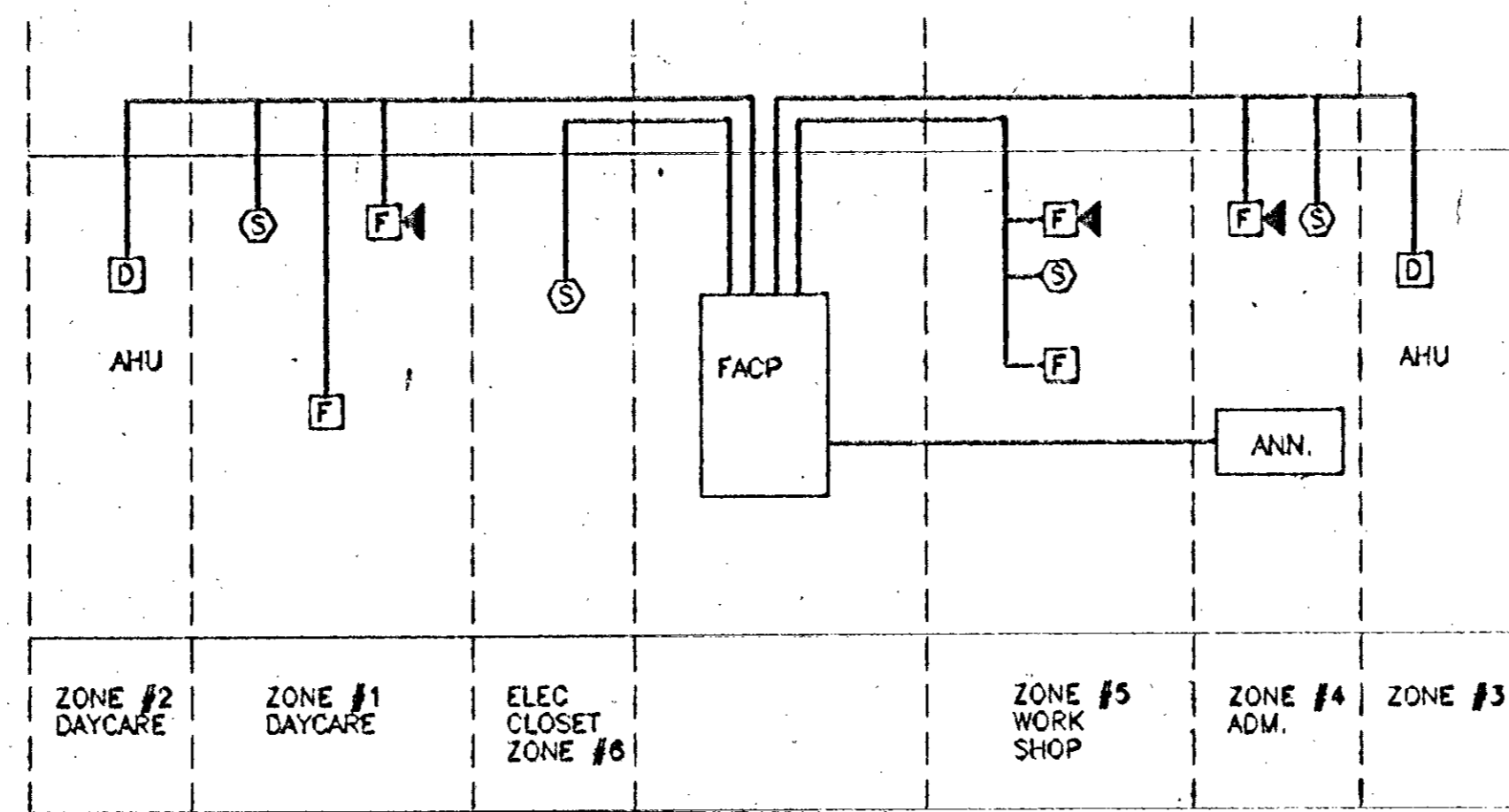
TYPICAL LOAD CENTER SCHEDULE
RESIDENTIAL UNITS
PANELBOARD 100A, 120/240V, 1PH, 3W

MILLIMETER CENTERS DISTRIBUTION			
EXISTING (FIELD VERIFY)			
BUILDING TYP	4WAY	5WAY	6WAY
A	2		
B			2
C		2	
D	1	1	1
E	1		1
F			2

PANELBOARD	VOLT PH.	EXISTING PANEL BOARD MAKE-UP SCHEDULE AIC 14000A										MCB	NO. OF CKT'S BRANCH CKT'S	
		1-POLE CB'S			2-POLE CB'S				3-POLE CB'S					
		15A	20A	30A	20A	30A	40A	225A	20A	30A	50A			100A
MDP (NEW)	240V 3PH, 4W	6	6		2	2		2			2	2	600A	42
F (NEW)	240/120V 1PH, 4W									1	*2		MLO	18
B (NEW)	240/120V 1PH, 3W	8	10		6	3	3						MLO	42
A (NEW)	240/120V 1PH, 3W	8	16		4	2							MLO	42

NOTES:

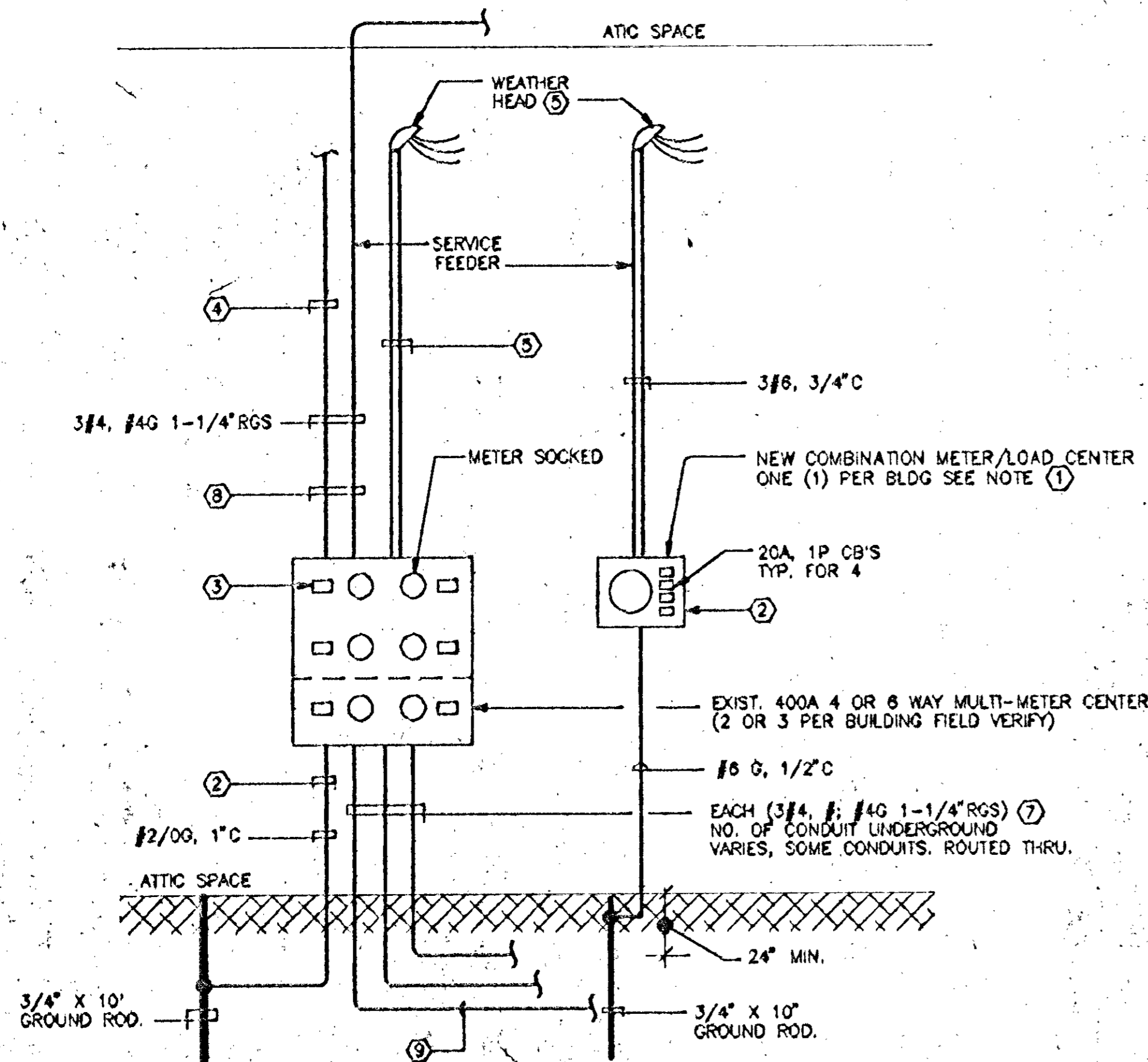
- REMOVE EXISTING HOUSE PANEL AND ASSOCIATED FEEDER AND FEEDER CONDUIT PROVIDE NEW COMBINATION SERVICE EQUIPMENT EQUAL TO SQUARE D SC48DM150FTRH. RECONNECT EXISTING BRANCH CIRCUIT S. DEMO. EXIST. HSE PANEL AND METER
- PROVIDE SERVICE GROUNDING PER NEC. 250 PROVIDE NEW GROUND ROD AND BOND SERVICE GROUND PER N.E.C.
- REPLACE EXISTING 60 AMP BREAKERS WITH NEW 100 AMP, 120/240V 2 POLE BREAKERS.
- UTILIZE CHASE WALL AND ATTIC SPACE TO ROUTE NEW FEEDERS.
- FOR SERVICE DROPS TO FIVE OR SIX UNITS MILLIMETER CENTERS, REPLACE EXISTING SERVICE CONDUIT AND FEEDERS WITH 3-400 MCM IN 3" CONDUIT WITH SERVICE HEAD. SERVICE DROPS SERVING FOUR - METER CENTER SHALL REMAIN UNCHANGED UTILIZING EXISTING FEEDERS.
- NOT USED
- PROVIDE NEW FEEDER ROUTED DIRECTLY THRU CHASE WALL OR ROUTED UNDERGROUND AND INTO CHASE WALL TO 1ST FLOOR LOAD CENTER AT CHASED WALL ADJACENT TO METER CENTER AND AWAY FROM METER CENTERS RESPECTIVELY. TYPICAL OF BUILDING TYPES A THRU F.
- PROVIDE NEW FEEDER ROUTED IN EXPOSED CONDUIT ALONG EXTERIOR WALL AND PENETRATE NEAREST 2ND FLOOR CHASE JUST ABOVE FLOOR LEVEL WITH LB CONDULET. CONTINUE ROUTING THRU ATTIC SPACE AND DOWN APPROPRIATE CHASE TO 2ND FLOOR LOAD CENTERS. TYPICAL OF BUILDING TYPE 'D'.
- AT TYPE 'B' BUILDING WHERE EXISTING 1ST FLOOR KITCHEN CHASE DOES NOT ALIGN WITH 2ND FLOOR KITCHEN CHASE, UTILIZE 1ST FLOOR BATHROOM CHASE TO ROUTE FEEDERS THRU 2ND FLOOR KITCHEN CHASE TO 2ND FLOOR PANEL ROUTING FROM METER CENTER TO BATHROOM CHASE SHALL BE UNDERGROUND.
- PROVIDE 45A FUSES FOR EXISTING DISCONNECT ON ROOF FOR NEW COND. UNITS. RECON. NEW COND. UNITS. CU-1 & CU-2.



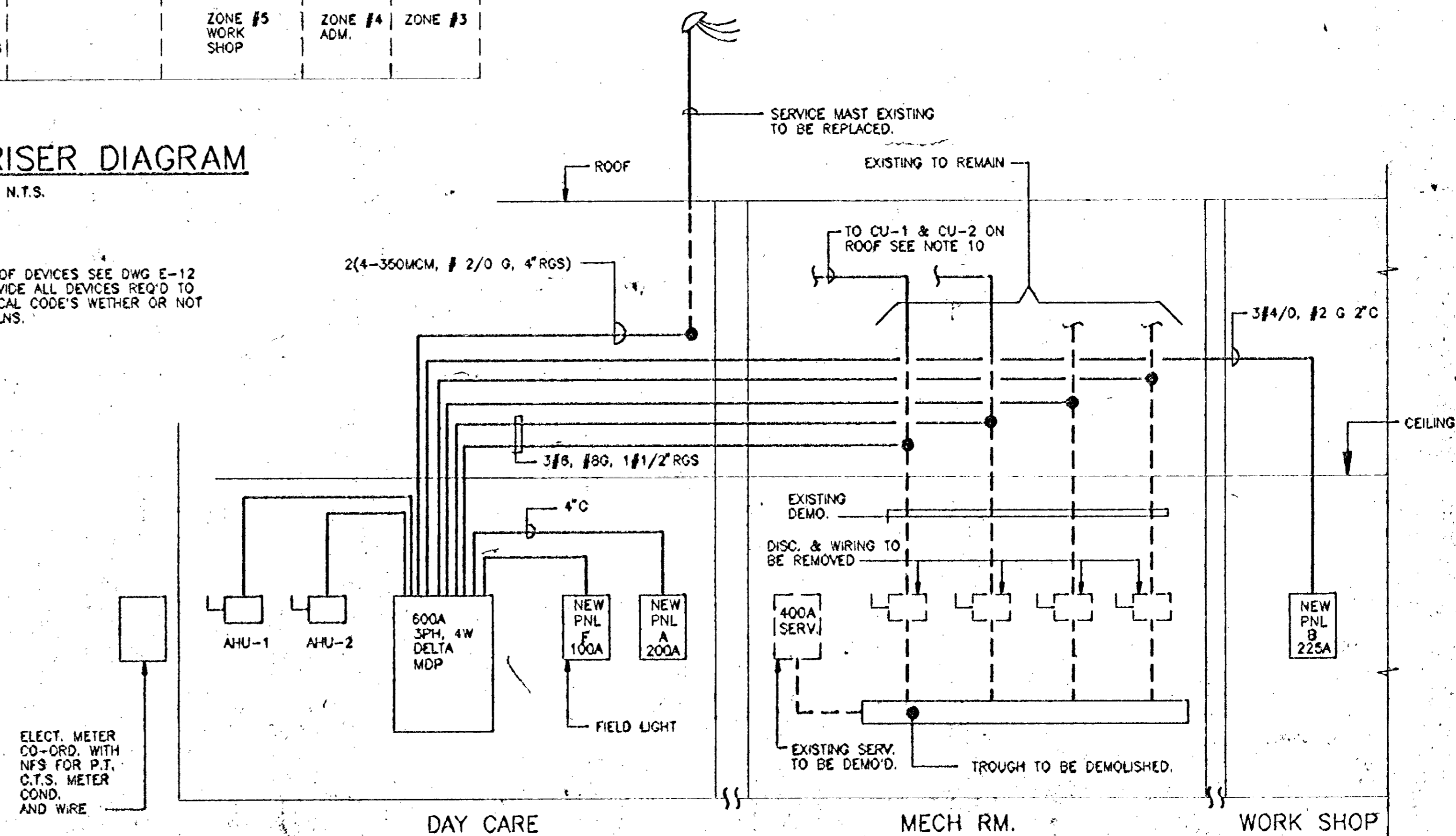
FIRE ALARM RISER DIAGRAM
N.T.S.

NOTE:

FOR NUMBER AND LOCATION OF DEVICES SEE DWG E-12 THE CONTRACTOR SHALL PROVIDE ALL DEVICES REQ'D TO MEET FEEDER, STATE AND LOCAL CODE'S WHETHER OR NOT THEY ARE SHOWN IN THE PLANS.



RESIDENTIAL BUILDING POWER RISER
N.T.S.

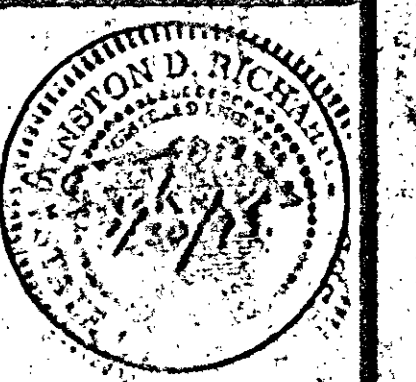
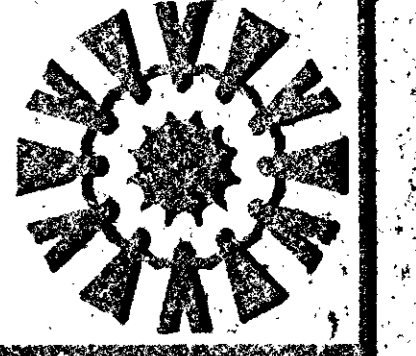


PARTIAL RISER DIAGRAM (ADMIN BLDG.)
N.T.S.

CONNECT AND COLOR CODE CONDUCTORS AS REQUIRED BY THE NEC.

williams russell and johnson, inc.
Nashville Branch - Suite 1015
400 James Robertson 27010
Nashville, Tennessee 37203-2170
DRAWN BY: C.P. CADD FILE NO.: TE-9
CHECKED BY: C.B. PLOT DATE: 06/19/93

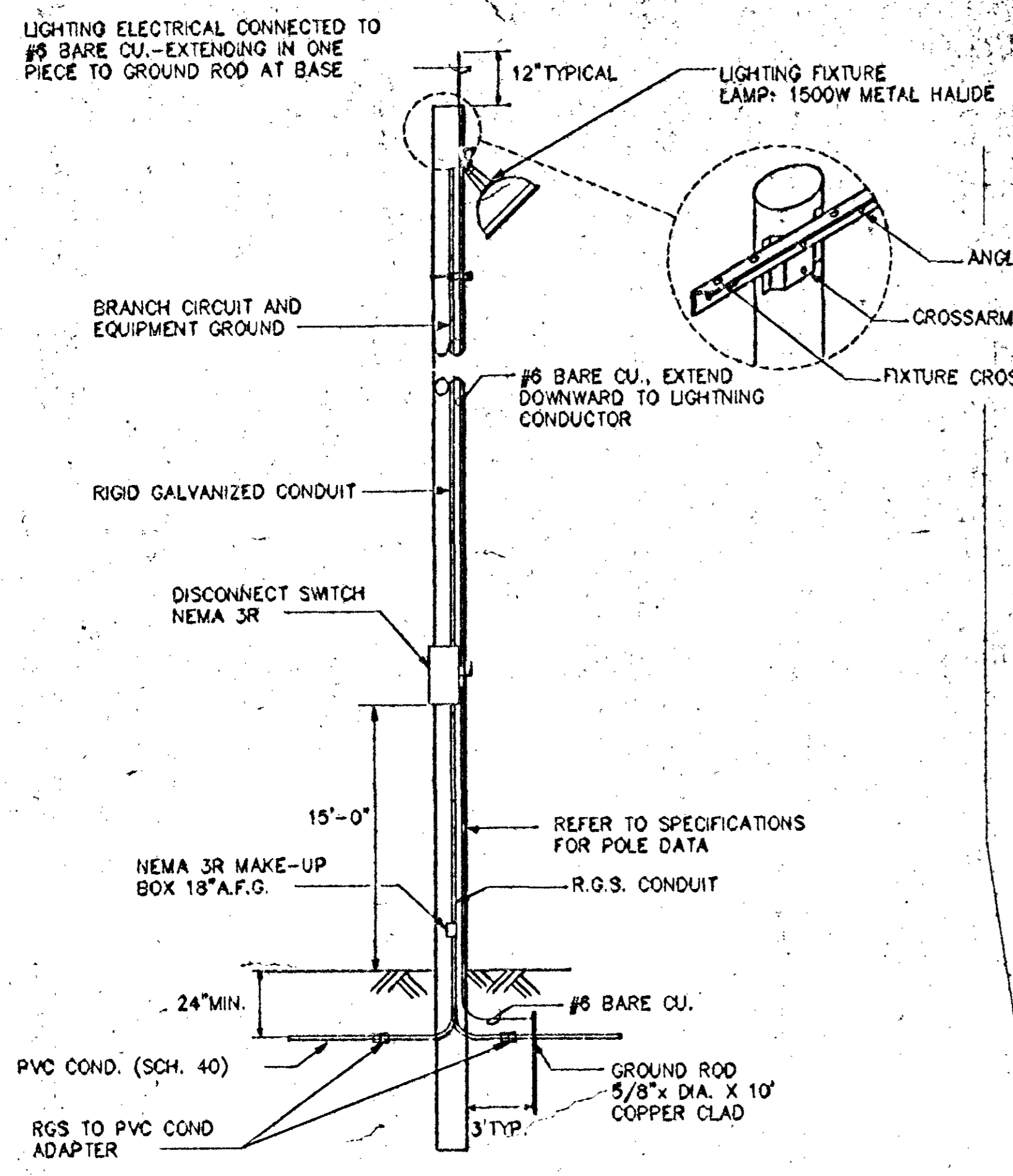
TONY SUDEKUM HOME RENOVATION
IN006-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



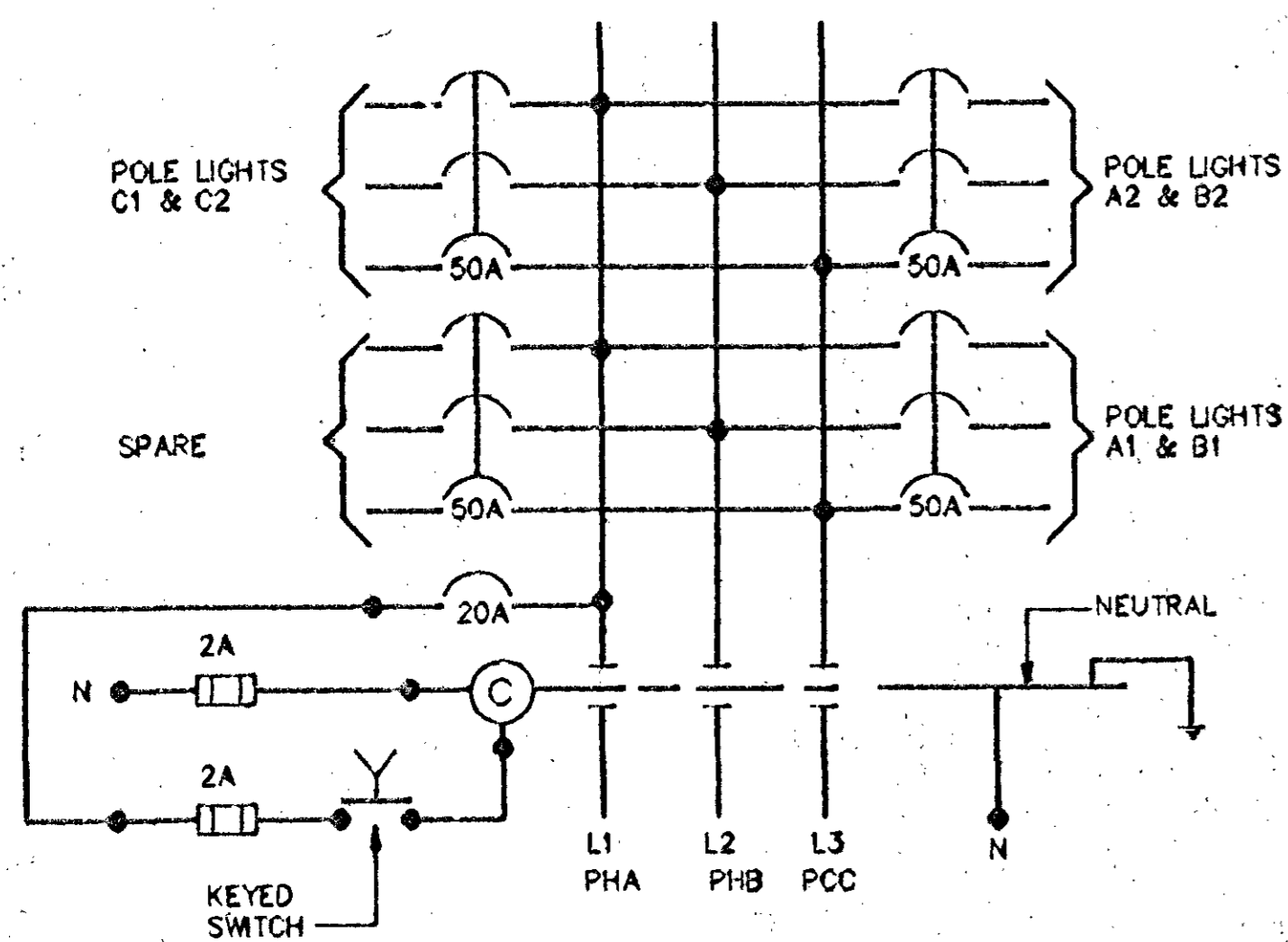
WR&J Project No.: 18093101
DATE: 6/4/93

NO.	DATE	REVISION

SHEET NO. **E-9**



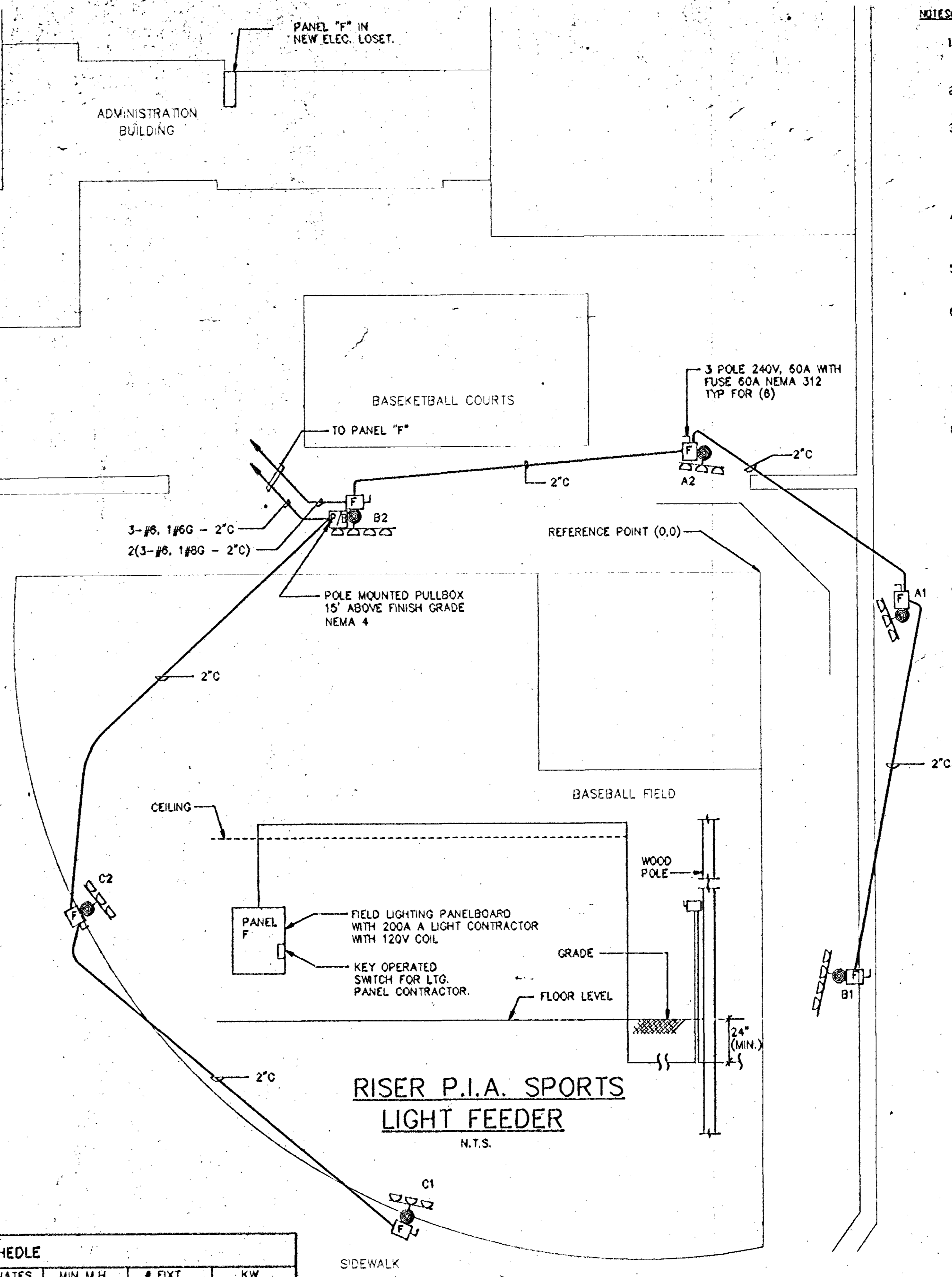
WOOD POLE DETAIL
N.T.S.



FIELD LIGHTING PANEL "F" SCHEDULE
N.T.S.

240V, 3PH, 4W DELTA SYSTEM
CONNECT AND COLOR CODE CONDUCTORS AS REQUIRED BY THE.

POLE NO.	CO-ORDINATES	MIN M.H.	# FIXT.	KW
A1	40', -10'	40'	3	4.9
A2	-10', 40'	40'	3	4.9
B1	25', -100'	40'	4	6.5
B2	-100', 25'	40'	4	6.5
C1	-88', -180'	50'	3	4.9
C2	-180', -88'	50'	3	4.9



RISER P.I.A. SPORTS LIGHT FEEDER
N.T.S.

NOTES

- POLE SHALL BE SELECTED FOR SPORTS LIGHTING APPLICATION (STRAIGHTNESS) AS PER ANSI D31
- SEE FIELD LIGHTING SCHEDULE THIS SHT. E-10 FOR SIZES.
- SPECIFIC REQUIREMENT REGARDING MATERIAL, AND THE WORK TO BE DONE ARE COVERED BY THE SPECIFICATIONS, WHICH COMPLEMENT THE DRAWINGS. WORK CALLED FOR BY THE SPECIFICATIONS OR BY THE DRAWINGS IS CONSIDERED THE SAME AS IF CALLED BY BOTH.
- PULL BOES SHALL BE PROVIDED TO COMPLY WITH NEC 370 AND OTHER APPLICABLE CODES, WHETHER OR NOT INDICATED.
- ALL DIMENSION LINES SHALL BE VERIFIED WITH ARCHITECTURAL SITE PLAN.
- SPECIFIC REQUIREMENTS REGARDING MATERIAL, AND THE WORK TO BE DONE ARE COVERED BY THE SPECIFICATION, WHICH COMPLEMENTS THE DRAWINGS. WORK CALLED FOR BY THE SPECIFICATIONS OR BY THE DRAWING IS REQUIRED THE SAME AS IF CALLED FOR BY BOTH
- MOUNT LIGHT STRUCTURE SYSTEM PER MANUFACTURER'S RECOMMENDATION.
- PROVIDE LIGHTING PROTECTION SYSTEM FOR ALL LIGHT STANDARDS. SYSTEM SHALL INCLUDE A 24" MIN. AIR TERMINAL (THOMPSON-#572) INSTALLED AT TOP OF LIGHT STRUCTURE SYSTEM AND CONNECTED TO A #8 AWG. STRAND TWISTED BARE COPPER CONDUCTOR ROUTE TO THE GROUND. CONDUCTOR SHALL BE PROTECTED ALONG ITS LENGTH AND TERMINATED AT A DRIVEN COPPER CLAD GROUND ROD 10' LONG AND 5/8" DIA. CONNECTION TO GROUND ROD SHALL BE BY EXOTHERMIC WELDING. ALL MATERIALS USED SHALL BE UL APPROVED SUITABLE FOR THE APPLICATION AND INSTALLATION.
- ROUTING OF CONDUITS AS SHOWN ON PLAN IS GENERAL COORDINATE WITH OTHER TRADES TO DETERMINE EXACT LOCATION AND CLEARANCES NECESSARY MODIFICATION TO CONDUIT RUNS SHOWN ON ELECTRICAL DRAWING SHALL BE MADE WITHOUT ADDITIONAL COST TO OWNER AND SHALL BE SUBJECT TO THE ACCEPTANCE OF THE ENGINEER.

williams - russell and johnson, inc.
1118
3718
2178
CP
DATE: 06/19/93

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



NO.	DATE	REVISION

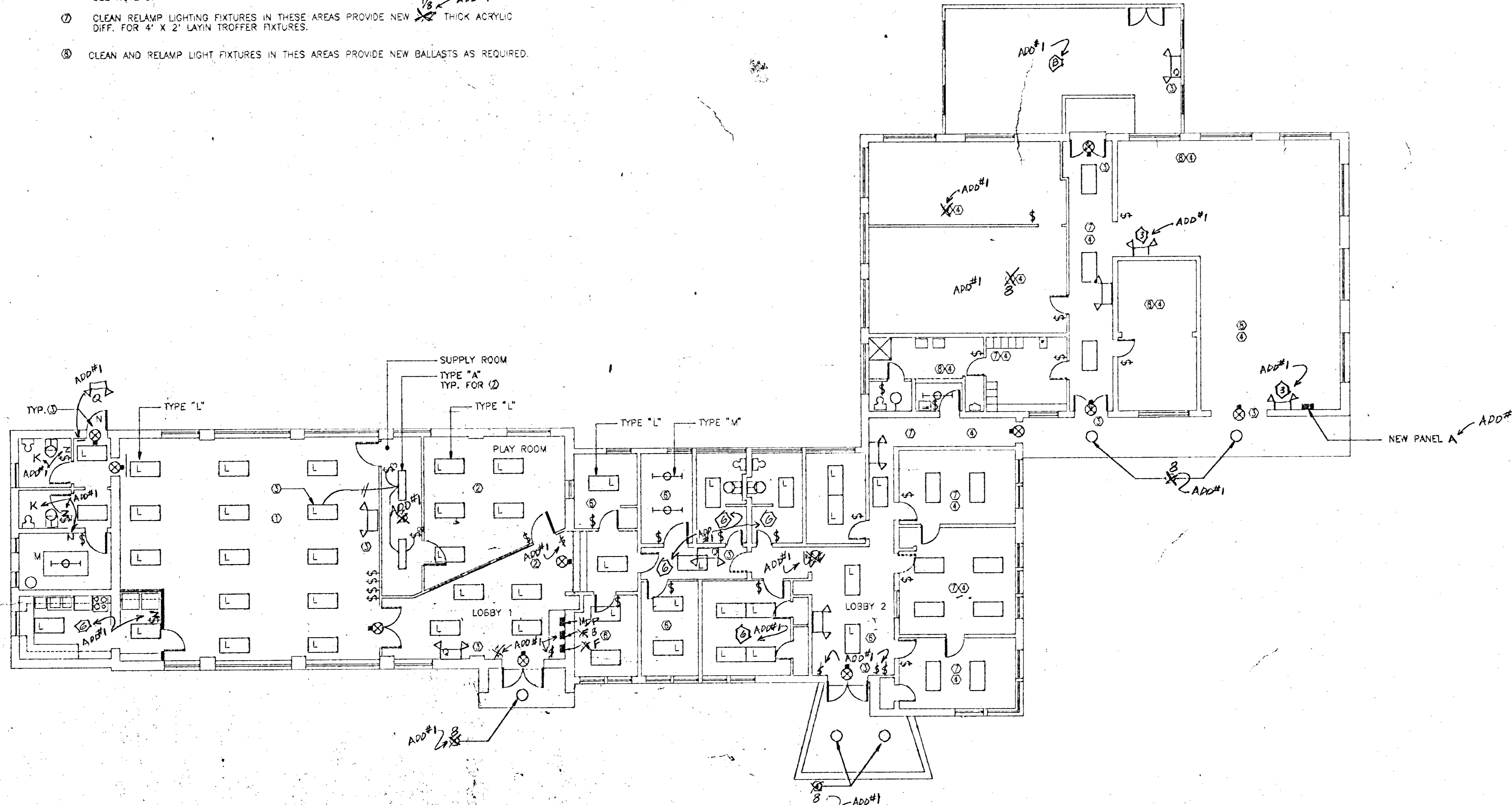
WR&J Project No: 18093101
DATE: 6/4/93
SHEET NO. E-10

BASEBALL FIELD LIGHTING SYSTEM
SCALE 1" = 20'

NOT RELEASED FOR CONSTRUCTION

NOTES: (FOR FIXTURE TYPE SEE LUMINAIRE SCHEDULE ON DWG E-0)

- ① DEMO EXISTING 16- 4' 4 LAMP FLUORESCENT FIXTURES INSTALL 16 - TYPE "L" LIGHTING FIXTURES RECONNECT NEW FIXTURES TO EXISTING CIRCUITS.
- ② DEMO EXISTING LIGHTING FIXTURES IN THE LOBBY 1 AND PLAY ROOM AREAS INSTALL 3 TYPE "L" FIXTURES IN THE AND A TYPE "L" FIXTURES IN THE LOBBY CHECK AND REUSE EXISTING CIRCUITS AND WIRING FOR THE AREAS.
- ③ PROVIDE NEW EMERGENCY LIGHT FIXTURE CONNECT EMERGENCY LIGHT FIXTURE TO UNSWITCHED LEG OF LIGHT CIRCUIT FOR THE AREAS.
- ④ PROVIDE NEW LIGHT SWITCHES AND REPLACE EXISTING IN ALL AREAS
- ⑤ PROVIDE NEW TYPE "A" LIGHTING FIXTURE IN SUPPLY ROOM.
- ⑥ DEMO EXISTING LIGHTING FIXTURE IN THESE AREAS PROVIDE NEW LIGHTING FIXTURES INSTALL IN NEW CEILING. USE EXISTING CIRCUITS AND WIRING RECONNECT SWITCHING SEE NOTE 3.
- ⑦ CLEAN RELAMP LIGHTING FIXTURES IN THESE AREAS PROVIDE NEW $\frac{1}{8}$ " THICK ACRYLIC DIFF. FOR 4' X 2' LAYIN TROFFER FIXTURES.
- ⑧ CLEAN AND RELAMP LIGHT FIXTURES IN THESE AREAS PROVIDE NEW BALLASTS AS REQUIRED.



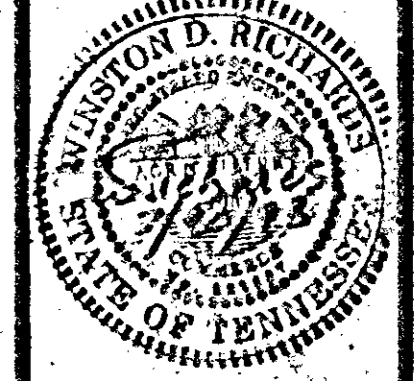
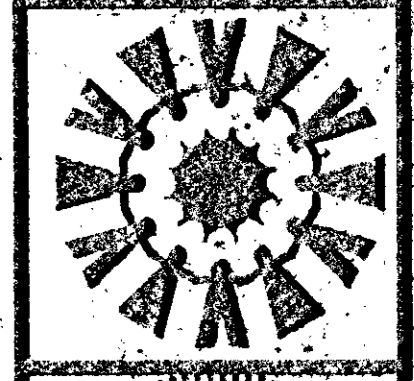
ADMINISTRATION BUILDING LIGHTING PLAN

ADMINISTRATION BUILDING
NEW WORK

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

williams • russell and johnson, inc.
electrical • plumbing • mechanical
Nashville Branch • Suite 1815
400 Johnnie Robertson Parkway
Nashville, Tennessee 37203-2170
DRAWN BY: C.P. CADD FILE NO.: TE-11
CHECKED BY: C.B. PLOT DATE: 06/19/93

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON, CO. N.Y.
NASHVILLE, TENNESSEE



WR&J Project No. 18093101
DATE: 6/4/93

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SHEET NO.
E-11

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NOTES:

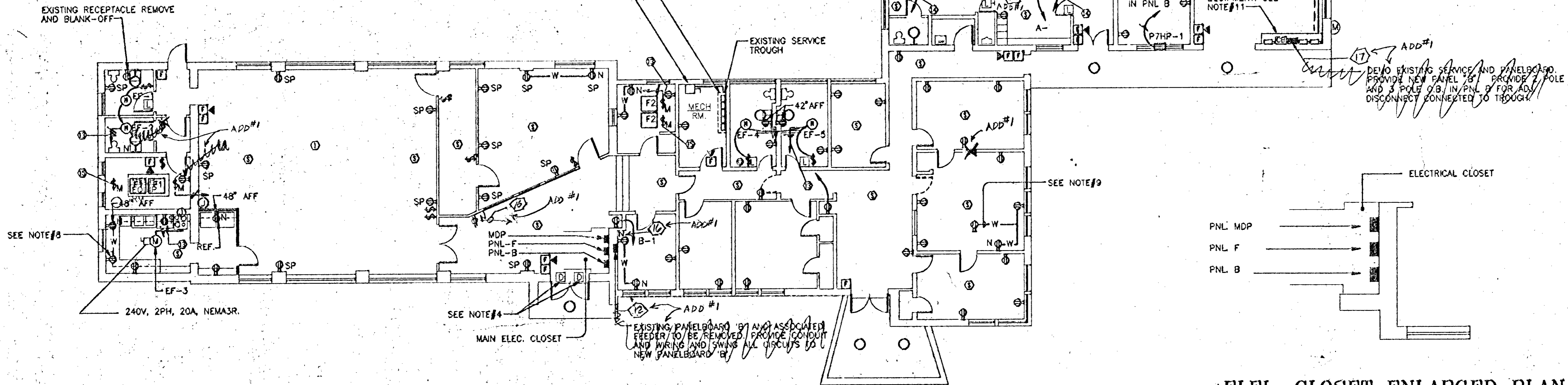
1. PROVIDE CHILDPROOF RECEPTACLES IN THE DAYCARE AND PLAY ROOM AREAS AS SHOWN.
2. PROVIDE NEW J BOX AT RELOCATED RANGE HOOD & CONNECT.
3. EXISTING FIRE ALARM DEVICES SHALL BE REMOVED. PROVIDE NEW FIRE ALARM SYSTEM IN ACCORDANCE WITH LOCAL STATE AND NATIONAL CODES AND AS INDICATED ON THE DRAWINGS.
4. DOOR INTRUSION DETECTOR. INTRUSION DETECTION SYSTEM IS EXISTING TO REMAIN AND SHALL REMAIN UNDISTURBED UNLESS NEW ELECTRICAL INSTALLATIONS REQUIRE SYSTEM DISTURBANCE. THEN SYSTEM SHALL BE RESTORE TO ORIGINAL CONDITION.
5. CO-ORDINATE ALL WORK RELATED TO MECHANICAL EQUIPMENT ELECTRICAL CONNECTIONS AND DISCONNECTIONS WITH MECHANICAL CONTRACTOR.
6. REPLACE EXISTING 100 AMP 120/240 1Ø, 3W WITH NEW 225 AMP 120/240 1Ø, 3W CIRCUIT BREAKER TYPE PANELBOARDS. DISCONNECT AND REMOVE EXISTING 400 AMP SERVICE SWITCH, LINE SIDE FEEDER AND CONDUIT.
7. PROVIDE NEW MAIN DISTRIBUTION PANELBOARD 600 AMPS 120/240 3Ø, 4W AT MAIN ELECTRICAL CLOSET. PROVIDE NEW WIRING AND CONDUIT AND EXTEND THE LOAD SIDE FEEDERS TO NEW DISTRIBUTION PANELBOARD MDP. SEE ADMIN. BLDG. POWER RISER ON E-9.
8. EXISTING RECEPTACLE TO BE RELOCATED. EXTEND NEW WIRING SURFACE RACEWAY AND RELOCATE RECEPTACLE TO ABOVE COUNTERTOP BACK SPLASH.
9. REMOVE FLOOR RECEPTACLE & SURFACE RACEWAY TO ALLOW FLOOR RE-WORK. REPLACE WITH NEW AND SIMILAR RECEPTACLE AND RACEWAY AND RECONNECT TO SOURCE.
10. REMOVE EXISTING RECEPTACLE. PROVIDE NEW GFI RECEPTACLE AT 42" AFF EXTEND EXISTING CIRCUIT IN SURFACE RACEWAY AND CO.
11. DISCONNECT AND REMOVE EXISTING SERVICE FEEDERS AND CONDUIT PROVIDE NEW WIRE AND CONDUIT AND SERVICE NEW AND EXISTING SERVICE EQUIPMENT FROM NEW DISTRIBUTION PANEL MDP. SEE ADMIN BLDG. POWER RISER DIAGRAM ON SHIT. E-9.
12. EXISTING PANELBOARD 'B' AND ASSOCIATED FEEDER TO BE REMOVED. PROVIDE CONDUIT AND WIRING AND SWING ALL CIRCUITS TO NEW PANELBOARD 'B'.
13. TO 20A, 1 POLE C.B. IN PNL MDP.
14. TO 20A, 2 POLE C.B. IN PNL MDP.

ADD #1
 TO 20A, 1 POLE CIRCUIT BREAKER IN PANEL 'E'
 DEMOLISH EXISTING SERVICE. REROUTE ALL EXISTING CIRCUITS TO NEW PANELBOARD 'A'

EXISTING SERVICE DISCONNECT 400 AMP 3Ø, 4W (DELTA EDISON) TO BE REMOVED SEE NOTE #7

EXISTING EQUIPMENT DISCONNECT SWITCHES FEED FROM ADJACENT 400 AMP SERVICE SWITCH SEE NOTE #7

EXISTING SERVICE FEEDER TO BE REMOVED SEE NOTE #11
 PROVIDE LOCK ON DEVICE FOR FACP CIRCUIT BREAKER IN PANELBOARD.
 EXISTING SERVICE EQUIPMENT. SEE NOTE #11
 DEMO EXISTING SERVICE AND PANELBOARD PROVIDE NEW PANEL 'B' PROVIDE 1 POLE AND 3 POLE C.B. IN PNL 'B' FOR ADJ. DISCONNECT CONNECTED TO THROUGH



ADMINISTRATION BUILDING POWER PLAN

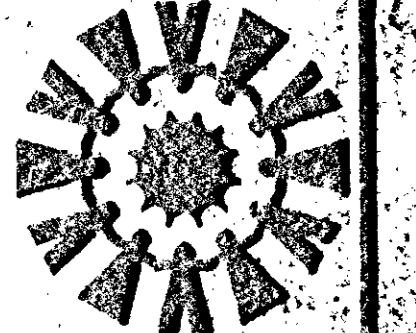
ELEC. CLOSET ENLARGED PLAN

ADMINISTRATION BUILDING NEW WORK

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

williams - russell and johnson, Inc.
 Nashville Branch - Suite 1815
 401 John R. Robertson Blvd.
 Nashville, Tennessee 37203
 Telephone 615/259-2170

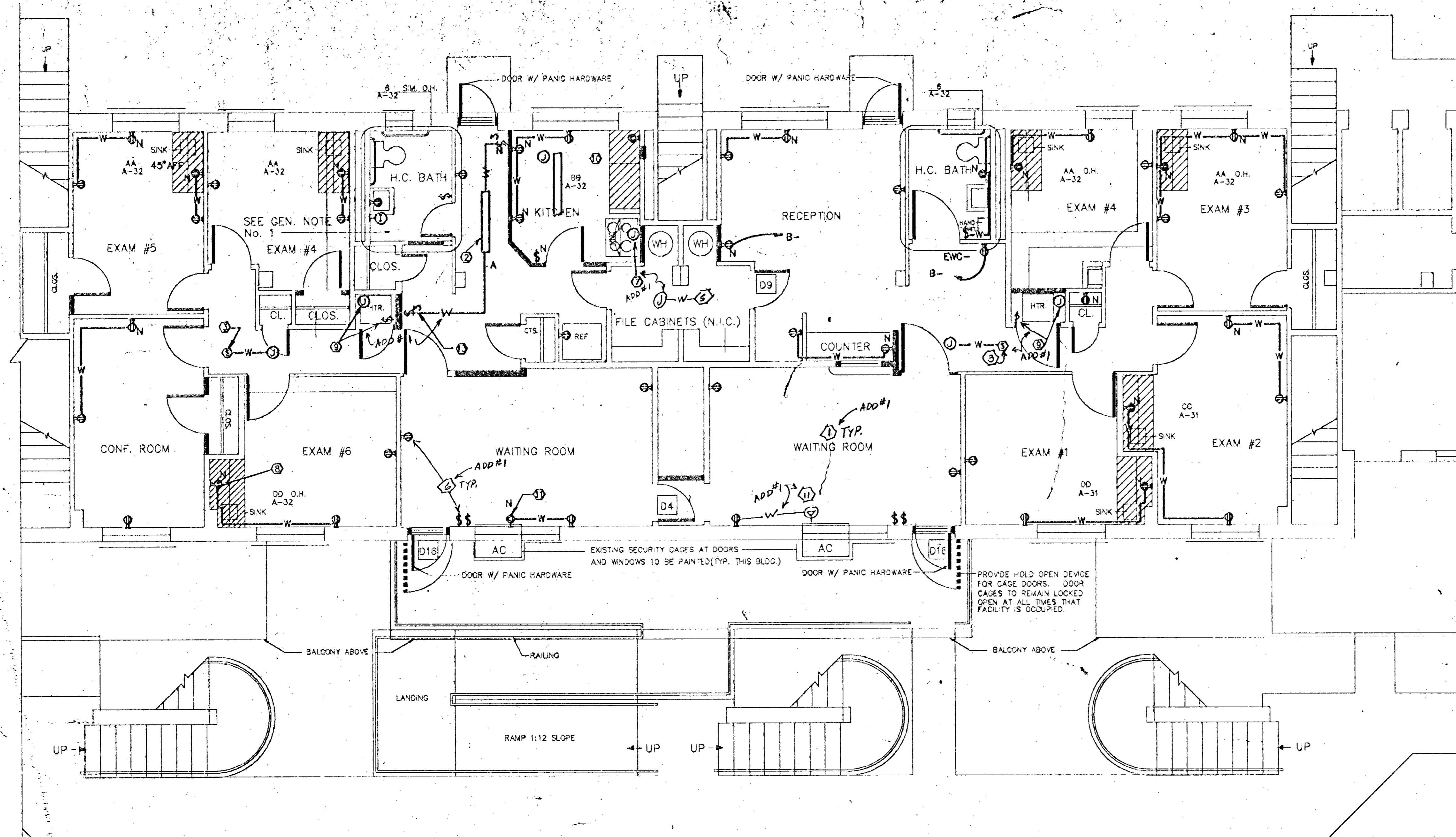
TONY SUDEKUM HOME RENOVATION
 TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



WR&J Project No.: 18093101
 DATE: 8/3/93

NO.	DATE	REVISION

SHEET NO. **E-12**



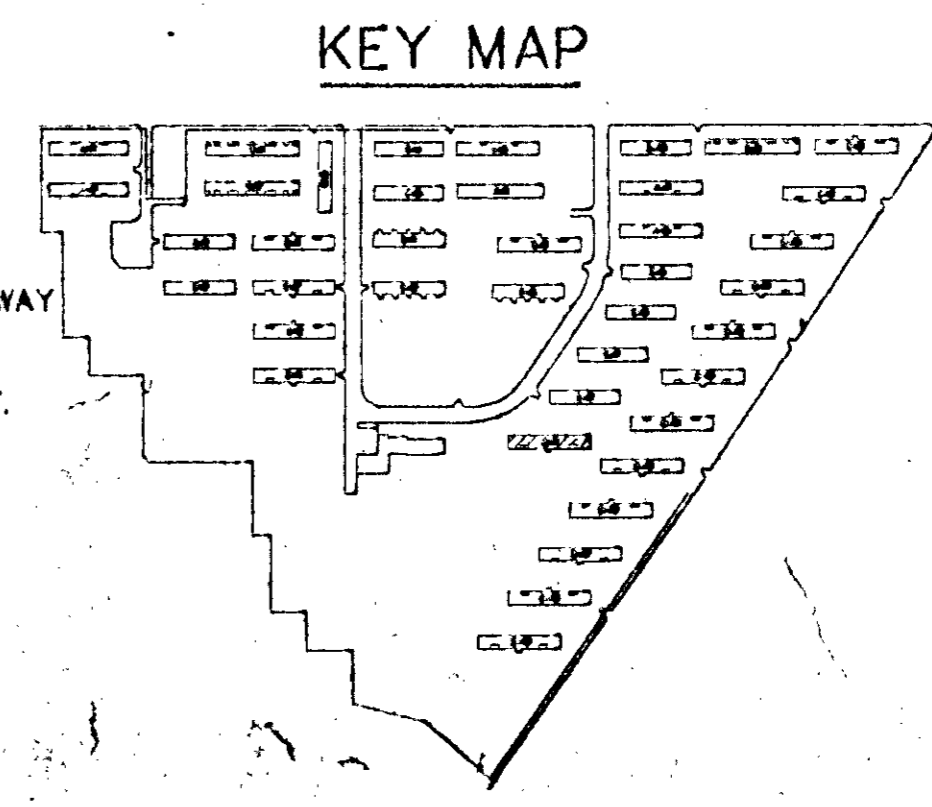
CLINIC PLAN (NEW WORK)
SCALE: 1/4"=1'-0"

- NOTES:
- 1 CLEAN EXISTING LIGHT FIXTURES AND RELAMP EACH. *u.o.n.*
 - 2 PROVIDE NEW LIGHT FIXTURE, TYPE LUMINAIRE INDICATED. SEE LUMINAIRE SCHEDULE.
 - 3 PROVIDE NEW SMOKE DETECTOR. CONNECT TO LIGHTING CIRCUIT AND AHEAD OF ALL LOCAL SWITCHING. UTILIZE EXISTING SURFACE RACEWAY AND WIRING. PROVIDE NEW RACEWAY COVERS WHERE MISSING.
 - 4 EXISTING LIGHTING OUTLET BOX. EXTEND CIRCUIT TO NEW LUMINAIRE AND CONNECT. PROVIDE BLANK STAINLESS STEEL COVER PLATE AT EXPOSED BOXES. EXPOSED RACEWAY SHALL BE SURFACE METAL RACEWAY.
 - 5 PROVIDE NEW SURFACE MOUNTED RECEPTACLE. PROVIDE WIRE MOLD TYPE RACEWAY FOR EXPOSED WIRING BELOW CEILING.

- 6 REPLACE ALL EXISTING SWITCHES AND RECEPTACLES WITH NEW SWITCHES AND RECEPTACLES U.O.N.
- 7 PROVIDE NEW JUNCTION BOX FOR RANGE HOOD. COORDINATE EXACT LOCATIONS WITH ARCHITECT AND ESTABLISH CIRCUIT.
- 8 FURNISH AND INSTALL NEW COUNTERTOP RECEPTACLES (FLUSH MOUNTED ABOVE COUNTERTOP) AS SHOWN. ESTABLISH TWO SMALL APPLIANCE BRANCH CIRCUIT IN ACCORDANCE WITH N.E.C. 220-4 AND CONNECT.
- 9 RECONNECT NEW FURNACE TO EXISTING CIRCUIT FOR EXISTING FURNACE. PROVIDE NEW FLEXIBLE CONDUIT AND WIRE PROVIDE OR REPLACE COMBINATION SWITCH AND RECEPTACLE OUTLET FOR FURNACE.
- 10 PROVIDE NEW 16 - CIRCUIT 100 AMP 240/120V, LOAD CENTER INTERIOR. INSTALL IN EXISTING LOAD CENTER ENCLOSURE. SEE LOAD CENTER SCHEDULE ON DWG E-9. RECONNECT EXISTING CIRCUITS.

- 11 PROVIDE NEW SURFACE MOUNTED NEMA 6-20R RECEPTACLE FOR A.C. UNIT.
- 12 NEW SURFACE MOUNTED RECEPTACLE. RUN CIRCUIT IN 1/2" EXPOSED CONDUIT FROM DEVICE LOCATIONS TO POWER SOURCE INDICATED AND CONNECT.
- 13 PROVIDE NEW LIGHT SWITCH, CONNECT AS INDICATED.
- 14 EXISTING RECEPTACLE TO BE REMOVED. EXTEND RACEWAY TO DEVICE INDICATED AND ESTABLISH CIRCUIT PER PANEL SCHEDULE. SEE NOTE 13 OR 12 AS APPLIES.
- 15 DISCONNECT AND REMOVE EXISTING SWITCH AND/OR LIGHT FIXTURE AS INDICATED. PROVIDE BLANK COVER PLATE AT ABANDONED DEVICE/OUTLET BOX. *u.o.n.* MOUNTED. RACEWAY & OUTLET BOXES SHALL BE DEMOLISHED.

- 16 PROVIDE NEW FLUSH MOUNTED RECEPTACLES EXTEND NEW RACEWAY FROM ADJACENT OUTLET BOX TO NEW DEVICE. PROVIDE WIRING, ESTABLISH CIRCUIT AND CONNECT.



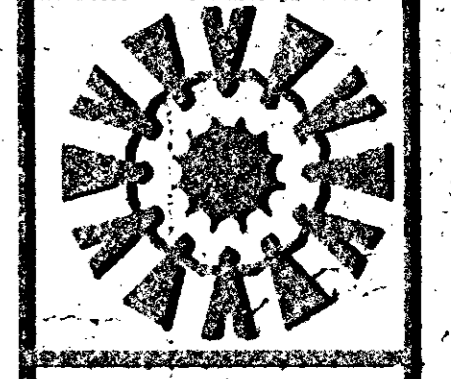
NEW WORK PLAN
CLINIC
SCALE: 1/4"=1'-0"

Williams - Russell and Johnson, Inc.
Architects - Planners - Engineers
Nashville Branch - Suite 1815
400 James Robertson Parkway
Nashville, Tennessee 37203
Telephone: 615/259-2716

DRAWN BY: C.P. CADD FILE NO: TE-13
CHECKED BY: C.B. PLOT DATE: 7/29/80

TONY SUDEKUM HOME RENOVATION
TN005-005

METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

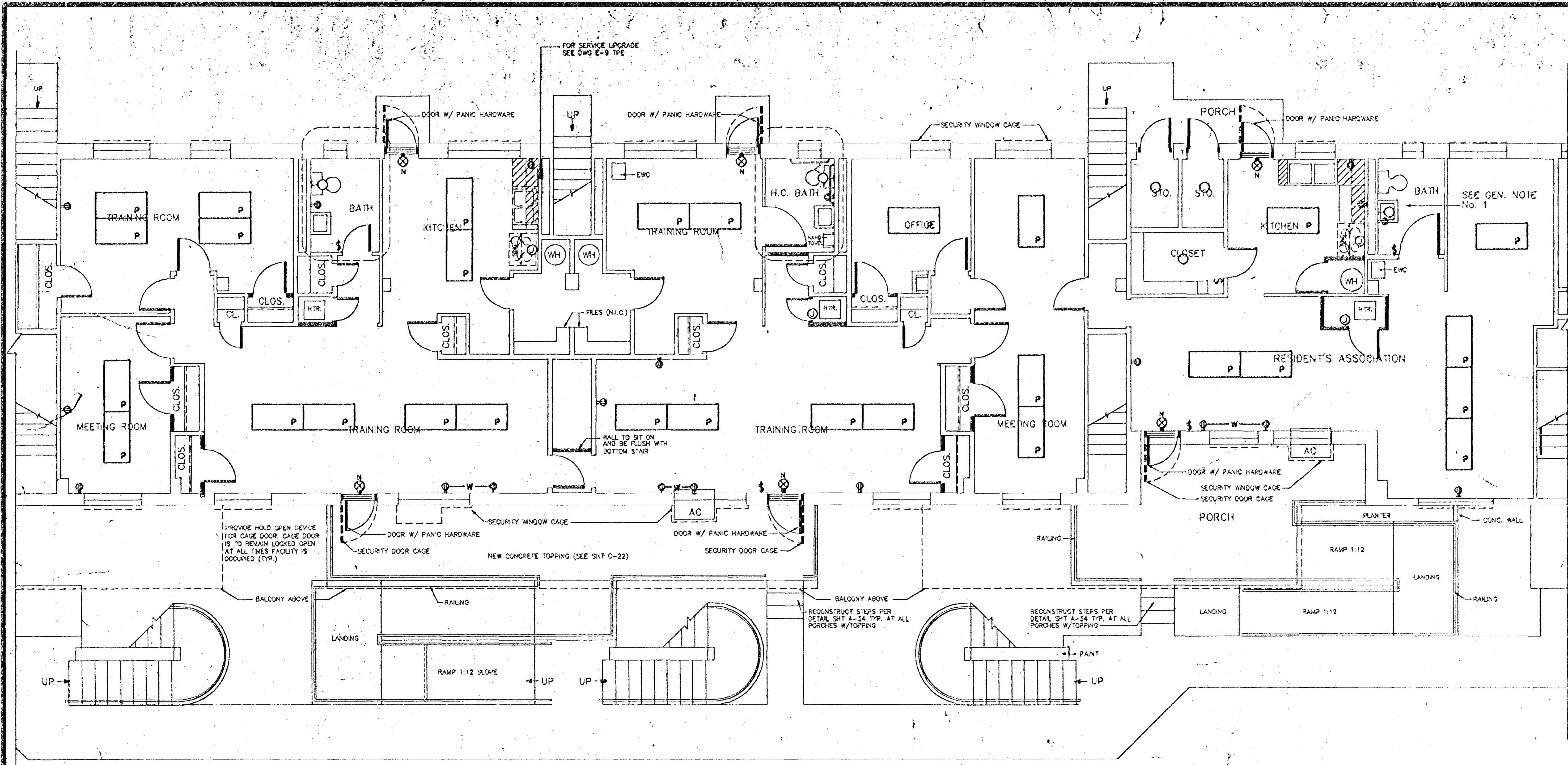


WINSTON D. RICHARDS
REGISTERED PROFESSIONAL ENGINEER
No. 18093101
WR&J Project No. 18093101
DATE: 8/5/93

NO.	DATE	REVISION

SHEET NO.
E-13

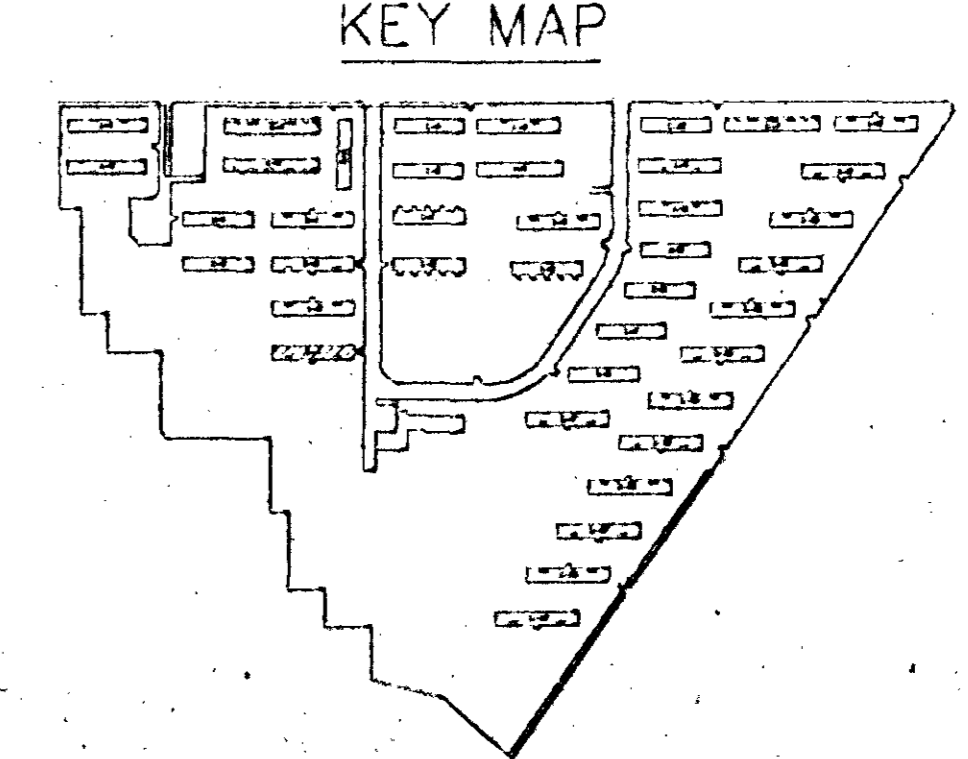
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TRAINING CENTER/RESIDENT'S ASSOCIATION
(NEW WORK PLAN)

NOTES:

- ① REPLACE EXISTING LIGHT FIXTURES WITH NEW TYPE LUMINAIRE INDICATED. SEE LUMINAIRE SCHEDULE.
- ② PROVIDE NEW LAMPHOLDER WITH PULL CORD SWITCH.
- ③ PROVIDE NEW SMOKE DETECTOR. CONNECT TO LIGHTING CIRCUIT AND AHEAD OF ALL LOCAL SWITCHING. UTILIZE EXISTING SURFACE RACEWAY AND WIRING. PROVIDE NEW RACEWAY COVERS WHERE MISSING.
- ④ EXISTING LIGHTING OUTLET BOX. EXTEND CIRCUIT TO NEW LUMINAIRE AND CONNECT. PROVIDE BLANK STAINLESS STEEL COVER PLATE AT EXPOSED BOXES. EXPOSED RACEWAY SHALL BE SURFACE METAL RACEWAY.
- ⑤ PROVIDE NEW SURFACE MOUNTED RECEPTACLE. PROVIDE WIRE MOLD TYPE RACEWAY FOR EXPOSED WIRING BELOW CEILING.
- ⑥ REPLACE ALL EXISTING SWITCHES AND RECEPTACLES WITH NEW SWITCHES AND RECEPTACLES U.O.M.
- ⑦ PROVIDE NEW JUNCTION BOX FOR RANGE HOOD. COORDINATE EXACT LOCATIONS WITH ARCHITECT AND ESTABLISH CIRCUIT.
- ⑧ FURNISH AND INSTALL NEW COUNTERTOP RECEPTACLES (FLUSH MOUNTED ABOVE COUNTERTOP) AS SHOWN. ESTABLISH TWO SMALL APPLIANCE BRANCH CIRCUIT IN ACCORDANCE WITH N.E.C. 220-4 AND CONNECT.
- ⑨ RECONNECT NEW FURNACE TO EXISTING CIRCUIT FOR EXISTING FURNACE. PROVIDE NEW FLEXIBLE CONDUIT AND WIRE PROVIDE OR REPLACE COMBINATION SWITCH AND RECEPTACLE OUTLET FOR FURNACE.
- ⑩ PROVIDE NEW 16 - CIRCUIT 100 AMP 240/120V. LOAD CENTER INTERIOR. INSTALL IN EXISTING LOAD CENTER ENCLOSURE. SEE LOAD CENTER SCHEDULE ON DWG E-9. RECONNECT EXISTING CIRCUITS.
- ⑪ PROVIDE NEW SURFACE MOUNTED NEMA 6-20R RECEPTACLE FOR A.C. UNIT.
- ⑫ NEW SURFACE MOUNTED RECEPTACLE. RUN CIRCUIT IN 1/2" EXPOSED CONDUIT FROM DEVICE LOCATIONS TO POWER SOURCE INDICATED AND CONNECT.
- ⑬ EXISTING LIGHT SWITCH, RELOCATE TO NEW LOCATION SHOWN.
- ⑭ EXISTING RECEPTACLE TO BE REMOVED. EXTEND RACEWAY TO DEVICE INDICATED AND ESTABLISH CIRCUIT PER PANEL SCHEDULE. SEE NOTE ⑧ OR ⑫ AS APPLIES.
- ⑮ DISCONNECT AND REMOVE EXISTING SWITCH AND/OR LIGHT FIXTURE AS INDICATED. PROVIDE BLANK COVER PLATE AT ABANDONED DEVICE/OUTLET BOX. SURFACE MOUNTED RACEWAY AND OUTLET BOXES SHALL BE DEMOLISHED.
- ⑯ PROVIDE NEW FLUSH MOUNTED RECEPTACLES EXTEND NEW RACEWAY, FROM ADJACENT OUTLET BOX TO NEW DEVICE PROVIDE WIRING ESTABLISH CIRCUIT AND CONNECT.

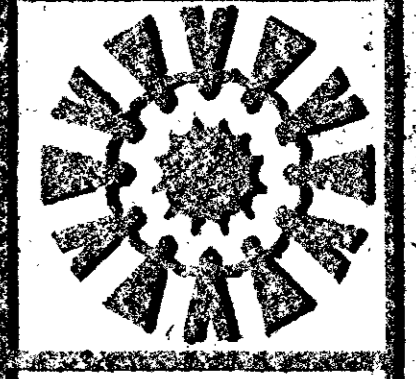


NEW WORK
TRAINING CENTER
SCALE 1/4" = 1'-0"

William - Russell and Johnson, Inc.
Architects - 1000 17th Ave. S.W.
Atlanta, Georgia 30334
Telephone: 404-525-1100
FAX: 404-525-1101

DRAWN BY: RT/MD CADD FILE NO.:
CHECKED BY: MM PLOT DATE:

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

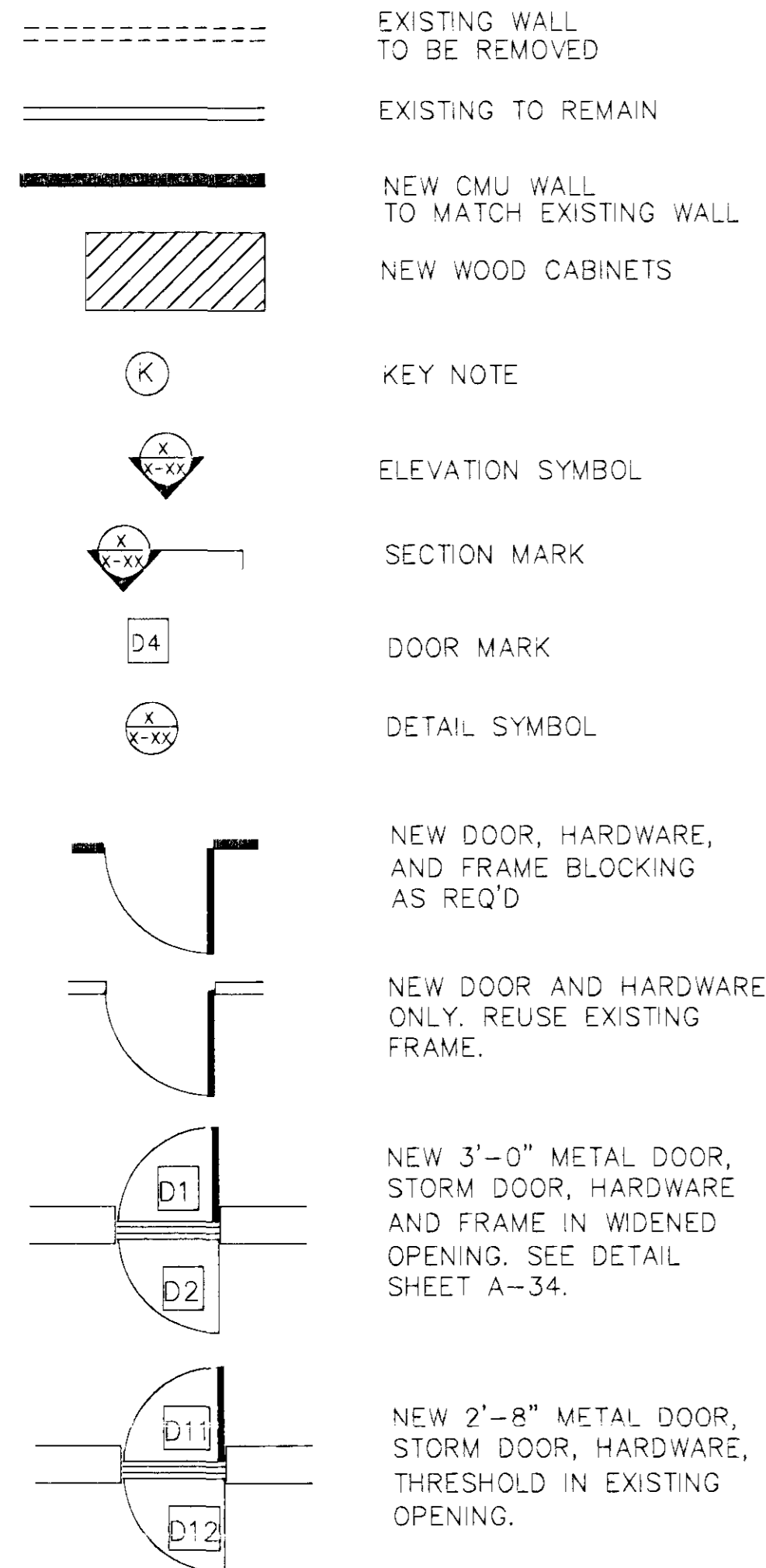


WRJ Project No.:
324-951-01
DATE: 7/19/95

NO.	DATE	REVISION

SHEET NO.
E-14

LEGEND



ABBREVIATIONS

A.C. - Air Conditioner	M.T. - Marble Threshold
A.F.F. - Above Finished Floor	MTL - Metal
BRAC"TS- Brackets	MANUF - Manufacturer
CLOS. - Closet	MAX - Maximum
CMU - Concrete Masonry Unit	MIN - Minimum
CONC. - Concrete	O.H. - Opposite Hand
CONF. - Conference	OH - Overhead
C.T. - Ceramic Tile	P.T. - Pressure Treated
DN - Down	REF - Refrigerator
EWC - Electric Water Cooler	RNG - Range
GEN. - General	REQ'D - Required
GYP. BD - Gypsum Wallboard	STL - Steel
HDWD - Hardwood	STO - Storage
H.C. - Handicapped	TYP - Typical
HDRL - Handrail	W/ - With
HTR - Heater	WD - Wood
I.E. - In Essence	WH - Water Heater
L - Linen	WL - Wall
LIN - Linen	W - Washer
	VCT - Vinyl Composition Tile

NOTES

DEMOLITION GENERAL

- FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS. DO NOT SCALE DRAWINGS. IF DISCREPANCIES ARE NOTED, CONTRACTOR SHALL NOTIFY ARCHITECT BEFORE PROCEEDING WITH WORK.
- REFER TO LEAD BASED PAINT ABATEMENT SHEETS FOR LEAD-BASED PAINT ABATEMENT REQUIREMENTS PRIOR TO SELECTIVE DEMOLITION SHOWN ON SHEETS LBP-1 THRU LBP-7.
- THE ARCHITECT/ENGINEER IN FIELD INVESTIGATION, HAS ENCOUNTERED POTENTIALLY SUSPECT HAZARDOUS MATERIALS. SHOULD THE CONTRACTOR BE REQUIRED TO DISTURB AREAS CONTAINING SUSPECT HAZARDOUS MATERIALS, THE CONTRACTOR SHALL CONTACT THE OWNER BEFORE PROCEEDING.

THE CONTRACTOR IS NOTIFIED THAT HE WILL BE REQUIRED TO COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS REGARDING HAZARDOUS MATERIALS THEN IDENTIFICATION, REMOVAL AND DISPOSAL.
- REFER TO MECHANICAL AND ELECTRICAL SHEETS FOR SELECTIVE DEMOLITION REQUIREMENTS RELATED TO THOSE AREAS.
- CONTRACTOR SHALL TAKE EXTREME CARE WHEN REMOVING OR CUTTING INTO EXISTING WALLS, FLOORS, AND CEILINGS NOT TO DAMAGE EXISTING GAS, PLUMBING, ELECTRICAL LINES OR STRUCTURAL REINFORCING TO REMAIN. IF SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ANY DAMAGED ELEMENTS NOTED HEREIN.
- REMOVE AND DISPOSE OF LOOSE FLOOR TILE PRIOR TO VCT OVERLAYMENT.
- REMOVE ALL EXISTING WOOD BASES. PROVIDE A SMOOTH SUBSTRATE FOR THE INSTALLATION OF RUBBER BASES.
- REMOVE EXISTING WALL COVERING AND ADHESIVE TO PROVIDE A SMOOTH SURFACE FOR APPLICATION OF PAINT.
- CONTRACTOR SHALL REMOVE ALL GREASE, DEBRIS AND FILM FROM ALL SURFACES (I.E. FLOORS, CEILING, WALLS, AND BASES) PRIOR TO APPLICATION OF NEW FINISHES.
- CONTRACTOR PRIOR TO REMOVAL OF HEATING UNITS, WATER HEATERS, AND TOILET FIXTURES SHALL CONTACT, AND ARRANGE FOR THE OWNER TO INSPECT, AND SALVAGE THOSE ITEMS THE OWNER CONSIDERS SALVAGEABLE.
- ALL LARGE APPLIANCES (I.E. RANGES & REFRIGERATORS) WILL BE RELOCATED BY THE OWNER BEFORE THE CONTRACTOR IS GIVEN ACCESS TO THE BUILDING.

DEMOLITION KEYNOTES

- REMOVE ALL EXISTING INTERIOR DOORS AND HARDWARE. EXISTING HINGES AND HOLLOW METAL DOOR FRAMES TO REMAIN AND BE REUSED. REPAIR ALL DAMAGED AND/OR DETERIORATED FRAMES (LOWER 12"), WITH MOLDABLE METAL REPAIR COMPOUND TO MATCH EXISTING FRAME. CONTRACTOR SHALL FIELD MEASURE HINGES FOR DOOR INSTALLATION.
- REMOVE EXISTING INTERIOR CLOSET DOORS, THRESHOLDS, HEAD TRACK AND/OR FRAME.
- IF DAMAGED, WARPED OR DETERIORATED REMOVE EXISTING WOOD SHELVES AND/OR WOOD SUPPORT CLEATS.
- REMOVE ENTIRE LENGTHS OF EXISTING BASE AND OVERHEAD CABINETS, COUNTER TOPS, SINKS AND RELATED APPURTENANCES. REFER TO PLUMBING SHEETS FOR PLUMBING DEMOLITION REQUIREMENTS. EXISTING CABINETS AS SHOWN MAY DIFFER FROM ACTUAL CONDITIONS. CONTRACTOR TO FIELD VERIFY.
- REMOVE EXISTING TOILET FIXTURES AND ACCESSORIES, INCLUDING BUT NOT LIMITED TO WATER CLOSET, LAVATORY, MEDICINE CABINET, SOAP DISH, TOWEL BARS, TUMBLER/TOOTHBRUSH HOLDERS AND SHOWER ROD. PROVIDE A CLEAN SMOOTH SUBSTRATE TO RECEIVE NEW FINISHES AND ACCESSORIES.
- REMOVE EXISTING TRIM AND PLASTER OF THREE WALLS ADJACENT TO THE BATHTUB. PROVIDE A CLEAN SMOOTH SUBSTRATE TO RECEIVE NEW FINISHES AND ACCESSORIES.
- REMOVE EXISTING EXTERIOR WOOD DOOR, AND METAL STORM DOOR, FRAME AND ACCESSORIES. CONTRACTOR TO RETAIN STORM DOORS FOR THE OWNER. SAWCUT EXISTING CMU AND BRICK WALLS TO WIDEN OPENING AS REQUIRED TO ALLOW FOR THE INSTALLATION OF NEW DOORS AND FRAME. SEE DETAIL 3 SHEET A-32.
ADD BY (17-04) SEE DETAIL 4, 3 ON SHEET A-35 (17-02) L9
- * FRAMES TO BE REMOVED PER LPB DRAWINGS.
- REMOVE EXISTING HANDRAILS. WALL BRACKETS AND REINFORCING RODS TO BE REPLACED AS REQUIRED. DETAILS 9 & 10 ON SHEET A-34.
- REMOVE EXISTING EXTERIOR WOOD DOOR, METAL STORM DOOR FRAME AND ACCESSORIES. SEE DETAILS ON SHEET A-32.
- REMOVE EXISTING HEATING UNIT. SEE MECHANICAL SHEETS.
- REMOVE EXISTING WATER HEATER. SEE MECHANICAL SHEETS.

NEW WORK-GENERAL

- FIELD VERIFY ALL DIMENSIONS. DO NOT SCALE DRAWINGS. IF DISCREPANCIES ARE NOTED, NOTIFY ARCHITECT BEFORE PROCEEDING WITH WORK.
- ALL PATCH WORK TO AREAS DAMAGED DUE TO WORK OF MECHANICAL, PLUMBING AND ELECTRICAL SUB-CONTRACTORS SHALL BE REPAIRED BY THE GENERAL CONTRACTOR.
- INSTALL NEW VINYL COMPOSITION TILE OVER EXISTING TILE AND/OR CONCRETE FLOOR IN ALL AREAS EXCEPT THE BATHROOMS. IN BATHROOMS INSTALL CERAMIC TILE. WHERE NECESSARY FILL DEPRESSIONS TO ALLOW FOR EVEN INSTALLATION OF NEW TILE.
- PROVIDE NEW RUBBER BASES IN ALL SPACES EXCEPT BATHROOMS. IN BATHROOMS INSTALL CERAMIC TILE BASES.
- REFURBISH ALL EXISTING SURFACES TO REMAIN, INCLUDING WALL SPACES CONCEALED BY CABINETS AND AREAS WHERE WALLS ARE REMOVED. PAINT CEILINGS, WALLS, BASES, DOORS SOFFITS, EXPOSED PLUMBING AND DUCTWORK. PREP WALLS THAT ARE HEAVILY STAINED WITH KILZ AS REQUIRED TO OBTAIN PROPER FINISH PAINTING.
- REFER TO MECHANICAL AND ELECTRICAL SHEETS FOR MECHANICAL, PLUMBING, AND ELECTRICAL NEW WORK REQUIREMENTS.
- IN ALL EXISTING BATHROOMS, PROVIDE NEW WATER CLOSET, LAVATORY, MEDICINE CABINET AND ACCESSORIES. REFINISH BATH PROVIDE SHOWER HEAD AND REPLACE ALL FITTINGS. SEE ENLARGED TOILET PLANS ON SHEET A-30.
- FIELD VERIFY DIMENSIONS AND LOCATIONS OF ALL NEW CASEWORK PRIOR TO FABRICATION AND INSTALLATION. IF DISCREPANCIES ARE NOTED CONTRACTOR SHALL NOTIFY ARCHITECT BEFORE PROCEEDING WITH WORK.
- COORDINATION OF ALL NEW WORK WITH OTHER TRADES TO AVOID CONFLICTS PRIOR TO INSTALLATION IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- SEAL (I.E. CAULK OR GROUT) ALL EXISTING WALL, FLOOR, AND CEILING PENETRATIONS INCLUDING BUT NOT LIMITED TO WAST DRAIN LINES, GAS LINES, AND FLUE PIPES.

NEW-WORK KEYNOTES

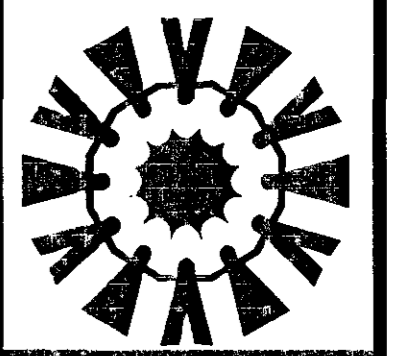
- NOT USED.
- NEW HARDWOOD HANDRAILS AND WALL BRACKETS. SEE DETAILS 9 AND 10 SHEET A-34.
- NEW WOOD PANEL FURRDOWNS ABOVE CABINETS. TYPICAL AT LOCATIONS WITH EXPOSED OVERHEAD WASTE PIPES. SEE DETAIL 9 SHEET A-33.
- NOT USED.
- REPLACE MISSING, WARPED, DAMAGED, OR DETERIORATED SHELVING, RODS OR SUPPORTS. SEE DETAIL 4 SHEET A-33.
- REPLACE MISSING, WARPED, DAMAGED, OR DETERIORATED SHELVING AND SUPPORTS. SEE DETAIL 5 SHEET A-34 FOR STORAGE AREAS AND DETAIL 6 SHEET A-34 FOR LINEN CLOSETS.
- NEW WOOD BASE AND WALL CABINETS.
- NEW DOUBLE SINK.
- NEW RECIRCULATING RANGE HOOD. (RANGE NOT IN CONTRACT).
- REFRIGERATOR (NOT IN CONTRACT).
- WASHING MACHINE (NOT IN CONTRACT)
- NEW HEATING UNIT.
- NOT USED.
- NEW WATER HEATER
- NEW METAL DOOR WITH RETURN AIR GRILL.
- NEW RUBBER STAIR TREAD. SEE DETAIL 11 SHEET A-34.
- HINGED METAL LOUVER.

LEGEND, NOTES, & ABBREVIATIONS

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engineers • planners • architects
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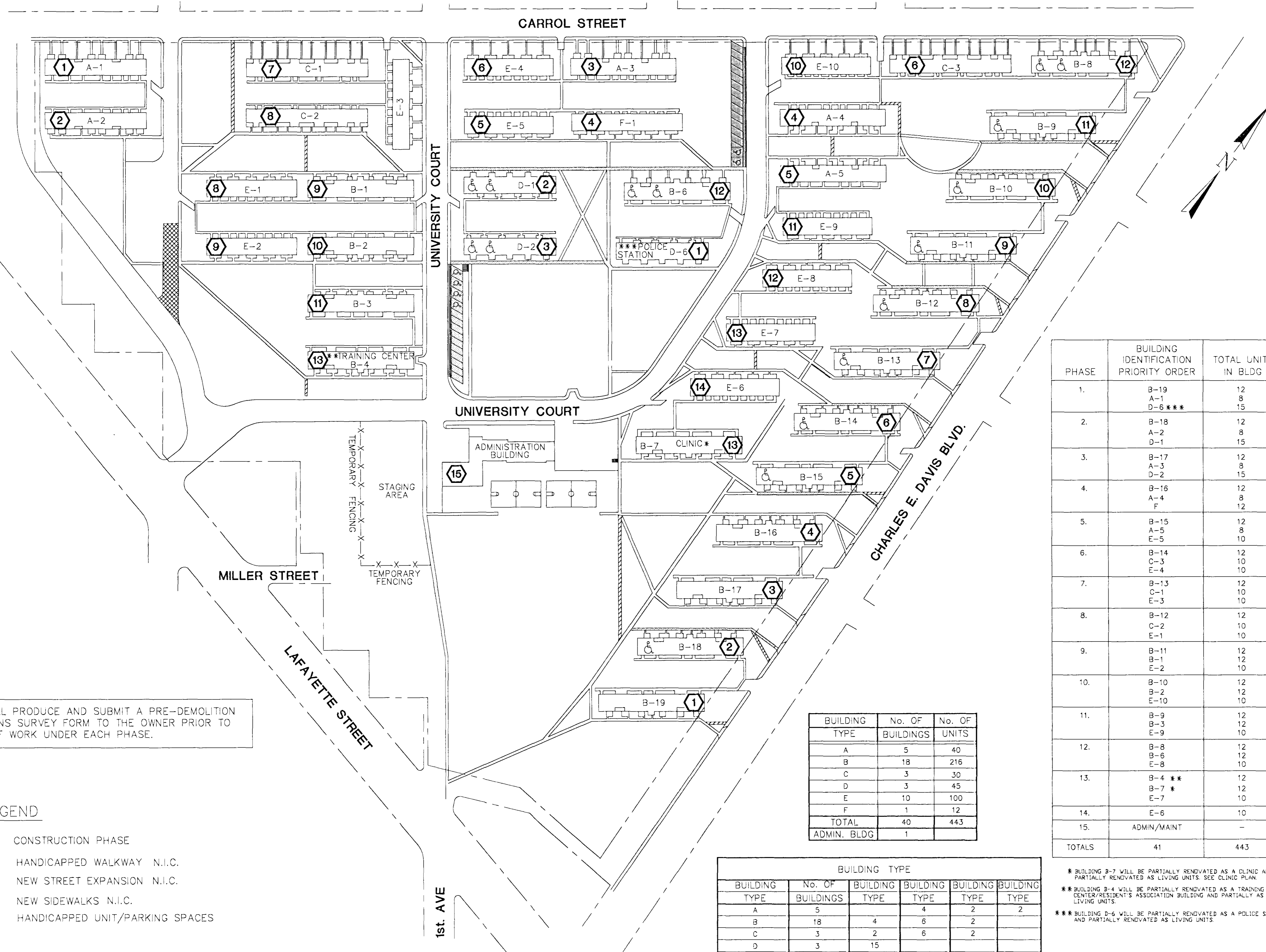
TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



WR&J Project No.: 32493101
DATE: 8/3/93




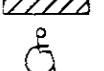

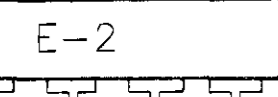
NO.	DATE	REVISION

SHEET NO
A-1



CONTRACTOR SHALL PRODUCE AND SUBMIT A PRE-DEMOLITION EXISTING CONDITIONS SURVEY FORM TO THE OWNER PRIOR TO COMMENCEMENT OF WORK UNDER EACH PHASE.

LEGEND

-  CONSTRUCTION PHASE
-  HANDICAPPED WALKWAY N.I.C.
-  NEW STREET EXPANSION N.I.C.
-  NEW SIDEWALKS N.I.C.
-  HANDICAPPED UNIT/PARKING SPACES
-  EXISTING BUILDING IDENTIFICATION

BUILDING TYPE	No. OF BUILDINGS	No. OF UNITS
A	5	40
B	18	216
C	3	30
D	3	45
E	10	100
F	1	12
TOTAL	40	443
ADMIN. BLDG	1	

BUILDING TYPE					
BUILDING TYPE	No. OF BUILDINGS	BUILDING TYPE	BUILDING TYPE	BUILDING TYPE	BUILDING TYPE
A	5	4	4	2	2
B	18	4	6	2	
C	3	2	6	2	
D	3	15			
E	10	10			
F	1	12			
ADMIN. BLDG	1				

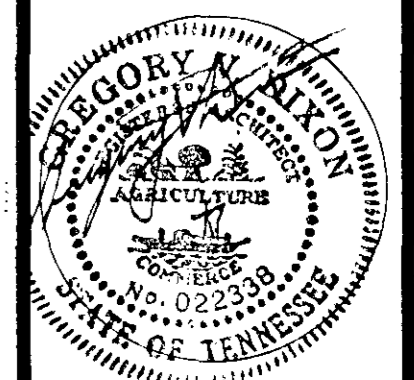
PHASE	BUILDING IDENTIFICATION PRIORITY ORDER	TOTAL UNITS IN BLDG
1.	B-19 A-1 D-6 ***	12 8 15
2.	B-18 A-2 D-1	12 8 15
3.	B-17 A-3 D-2	12 8 15
4.	B-16 A-4 F	12 8 12
5.	B-15 A-5 E-5	12 8 10
6.	B-14 C-3 E-4	12 10 10
7.	B-13 C-1 E-3	12 10 10
8.	B-12 C-2 E-1	12 10 10
9.	B-11 B-1 E-2	12 12 10
10.	B-10 B-2 E-10	12 12 10
11.	B-9 B-3 E-9	12 12 10
12.	B-8 B-6 E-8	12 12 10
13.	B-4 *** B-7 * E-7	12 12 10
14.	E-6	10
15.	ADMIN/MAINT	-
TOTALS	41	443

* BUILDING B-7 WILL BE PARTIALLY RENOVATED AS A CLINIC AND PARTIALLY RENOVATED AS LIVING UNITS. SEE CLINIC PLAN.
 ** BUILDING B-4 WILL BE PARTIALLY RENOVATED AS A TRAINING CENTER/RESIDENTS ASSOCIATION BUILDING AND PARTIALLY AS LIVING UNITS.
 *** BUILDING D-6 WILL BE PARTIALLY RENOVATED AS A POLICE STATION AND PARTIALLY RENOVATED AS LIVING UNITS.

COMPOSITE SITE PLAN
SCALE 1" = 80'

TONY SUDEKUM HOME RENOVATION
TN005-005

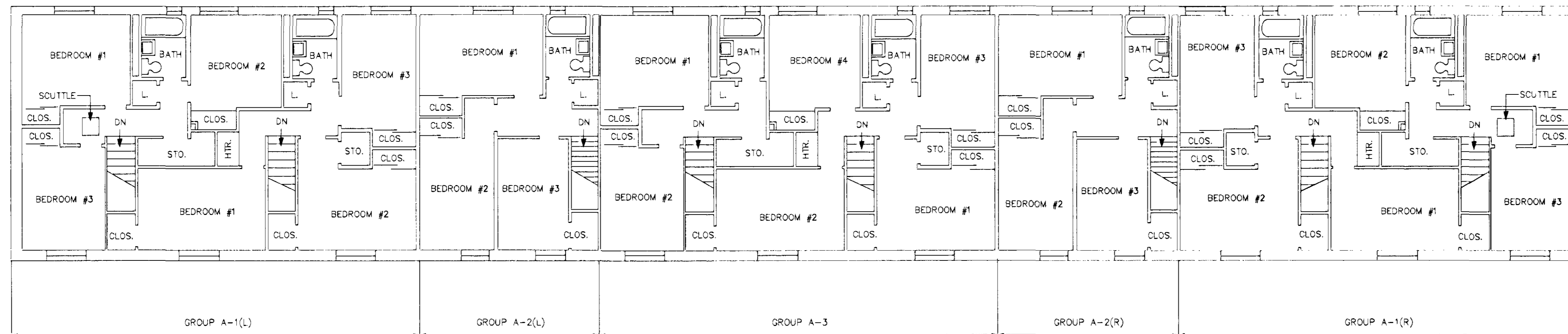
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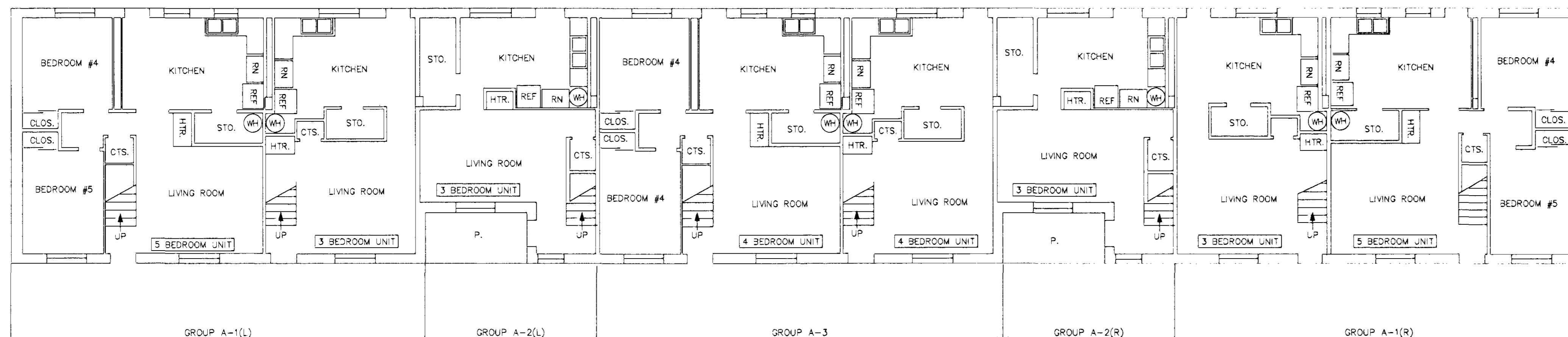
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A-2

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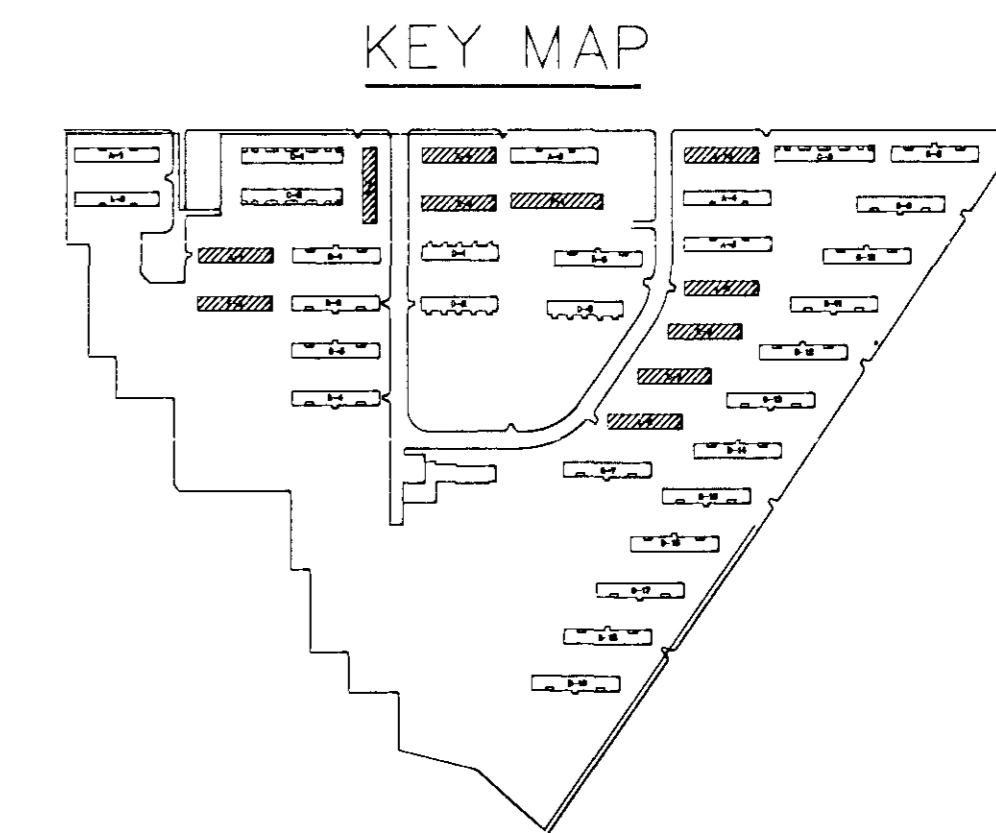


SECOND FLOOR PLAN (TYPE "A")

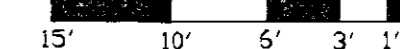


FIRST FLOOR PLAN (TYPE "A")

NOTE:
DRAWINGS ON THIS SHEET SHOULD BE USED FOR REFERENCE ONLY. THEY SHOW EXISTING CONDITIONS AND UNITS/GROUPS CONFIGURATION. SEE SHEETS A-15 THRU A-23 FOR ENLARGED FLOOR PLANS SHOWING NEW WORK IN UNITS. SEE SHEETS A-8 THRU A-14 FOR ENLARGED PLANS SHOWING DEMOLITION WORK.

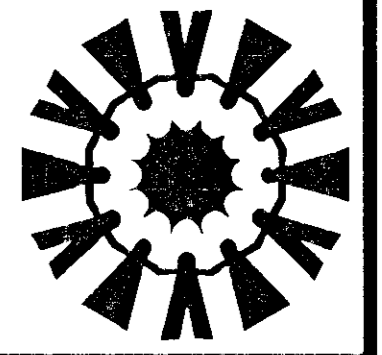


EXISTING BUILDING PLANS
(TYPE "A")
FIRST / SECOND FLOORS
SCALE: 1/8"=1'-0"



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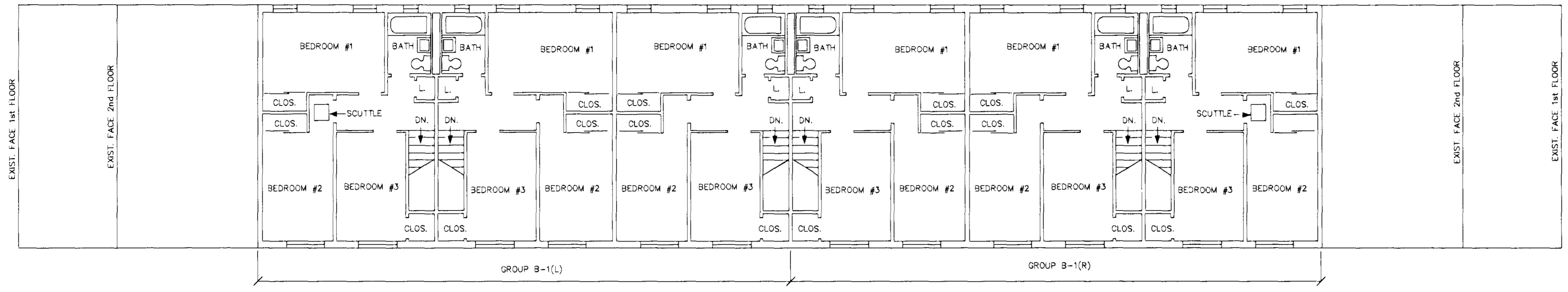
DATE: 8/3/93

NO.	DATE	REVISION

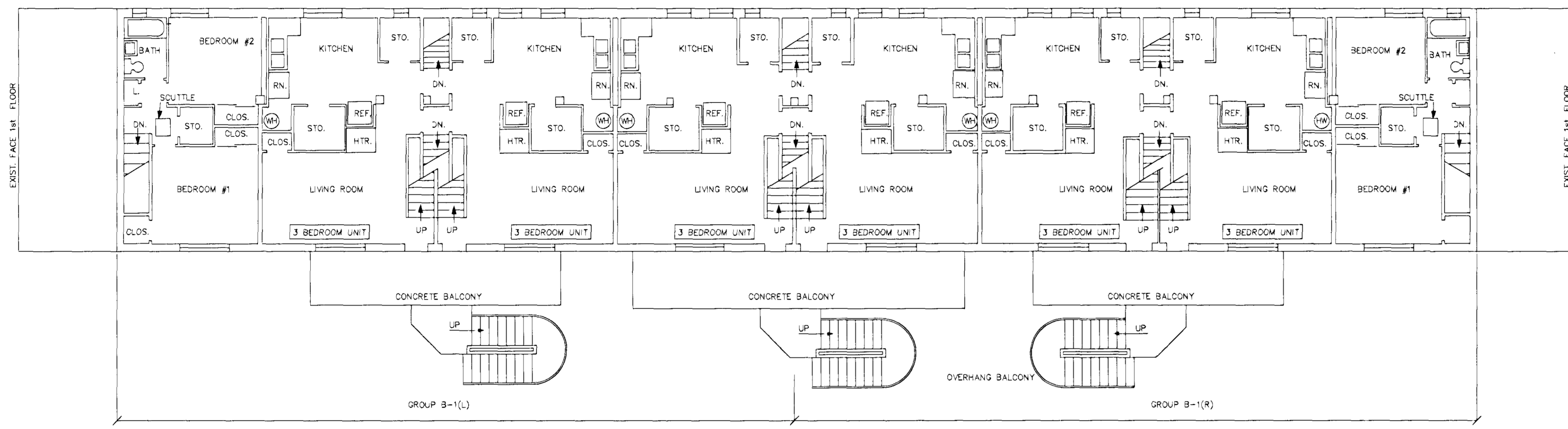
SHEET TITLE

A-3

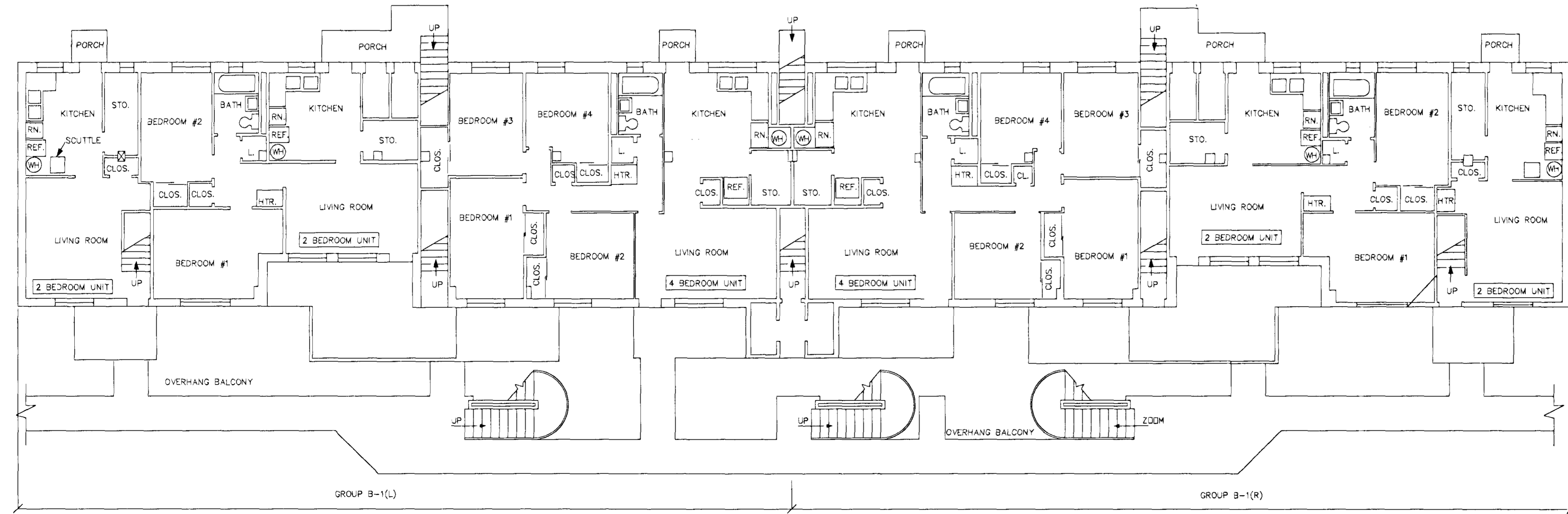
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THIRD FLOOR PLAN (TYPE "B")



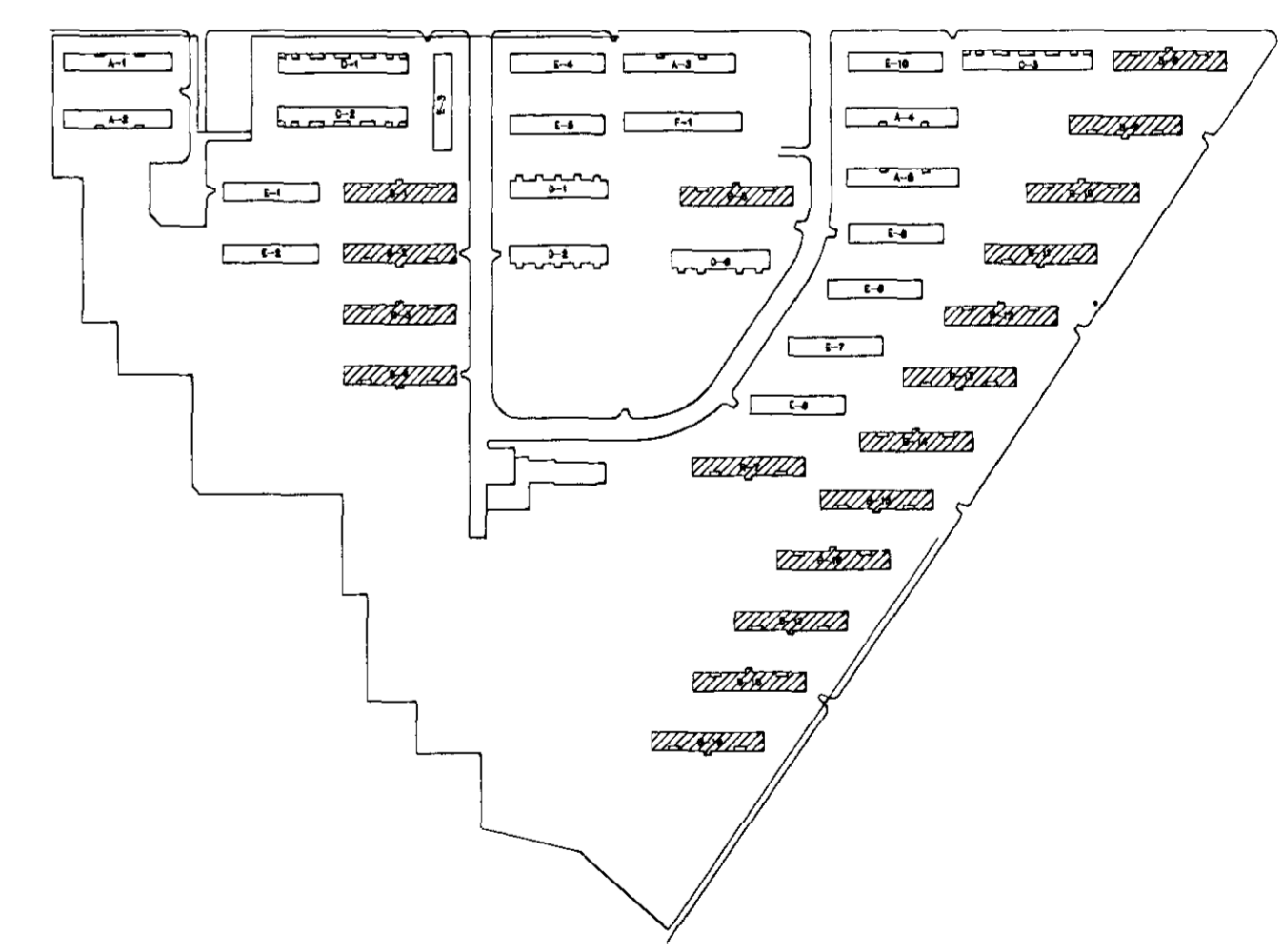
SECOND FLOOR PLAN (TYPE "B")



FIRST FLOOR PLAN (TYPE "B")

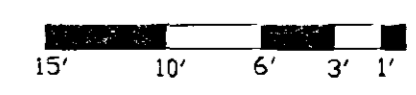
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KEY MAP



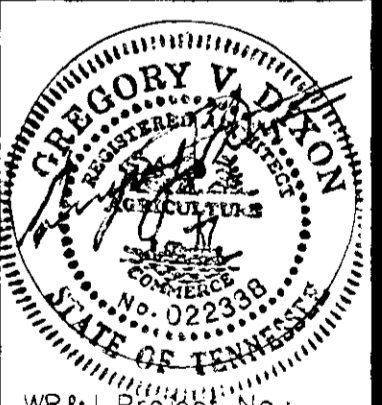
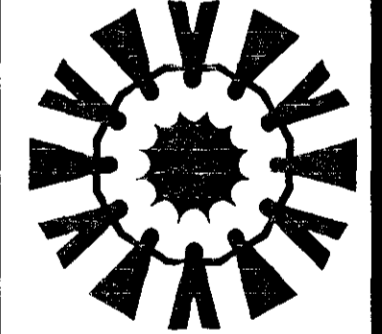
EXISTING BUILDING PLANS
TYPE "B" FIRST/ SECOND/
THIRD FLOORS

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



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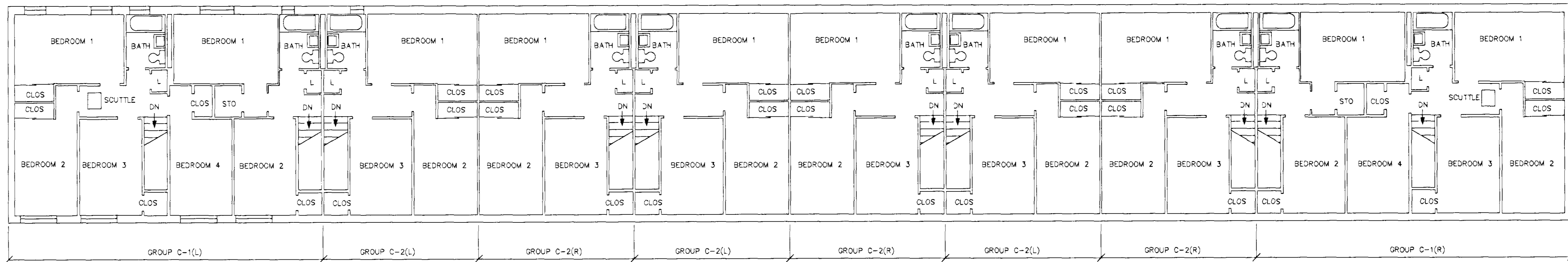


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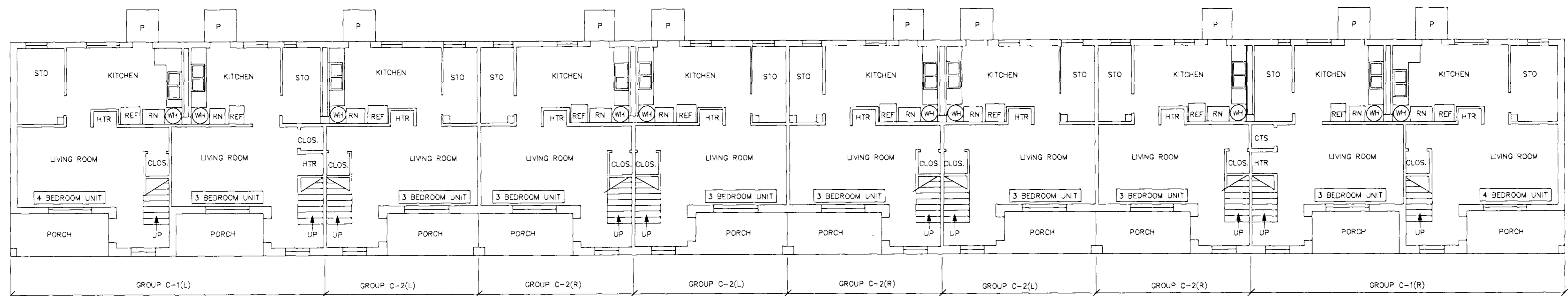
NO.	DATE	REVISION

SHEET NO.

A-4

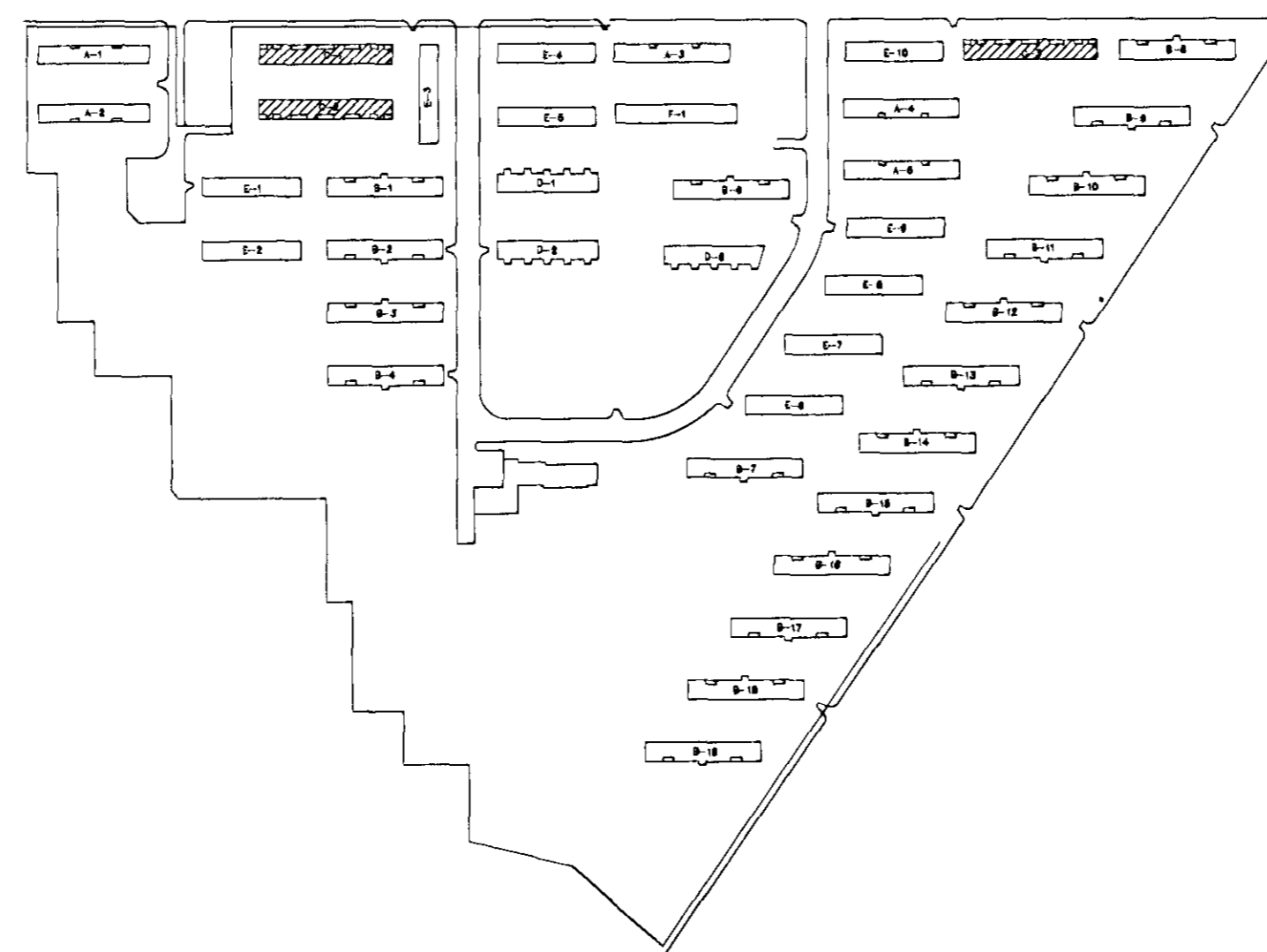


SECOND FLOOR PLAN (TYPE "C")



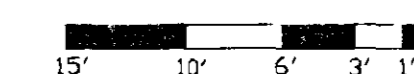
FIRST FLOOR PLAN (TYPE "C")

KEY MAP



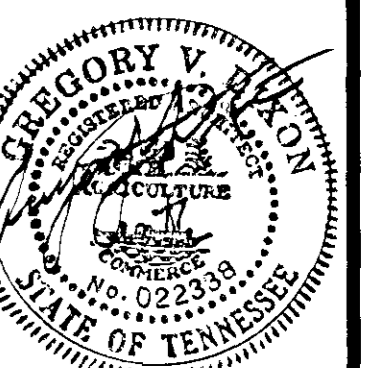
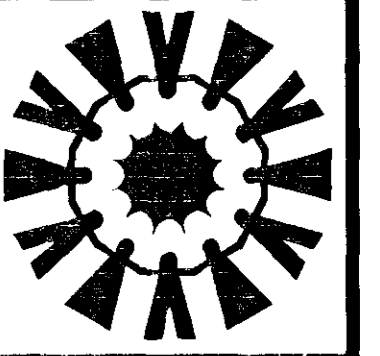
NOTE:
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EXISTING BUILDING PLANS (TYPE "C")
FIRST/SECOND FLOORS PLAN
SCALE: 1/8"=1'-0"



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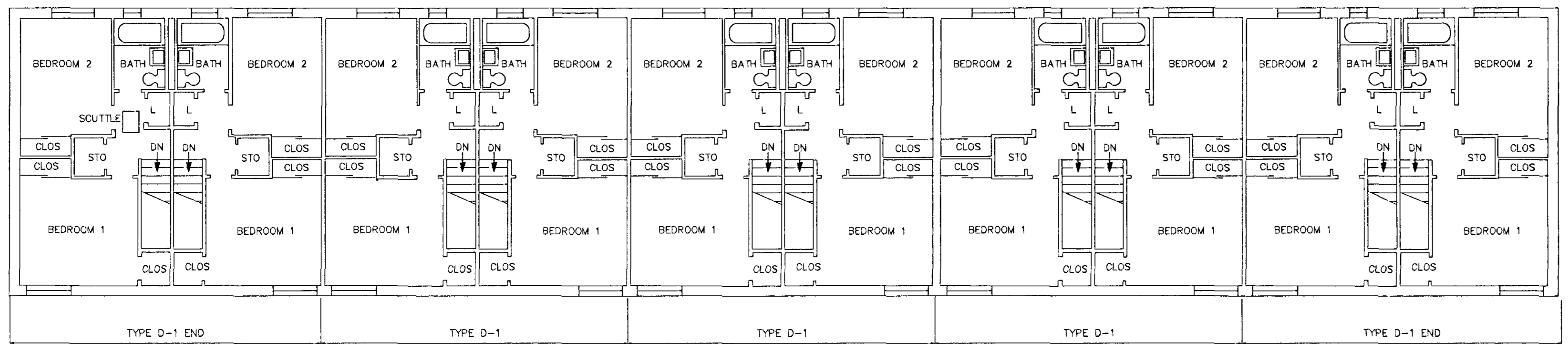
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TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



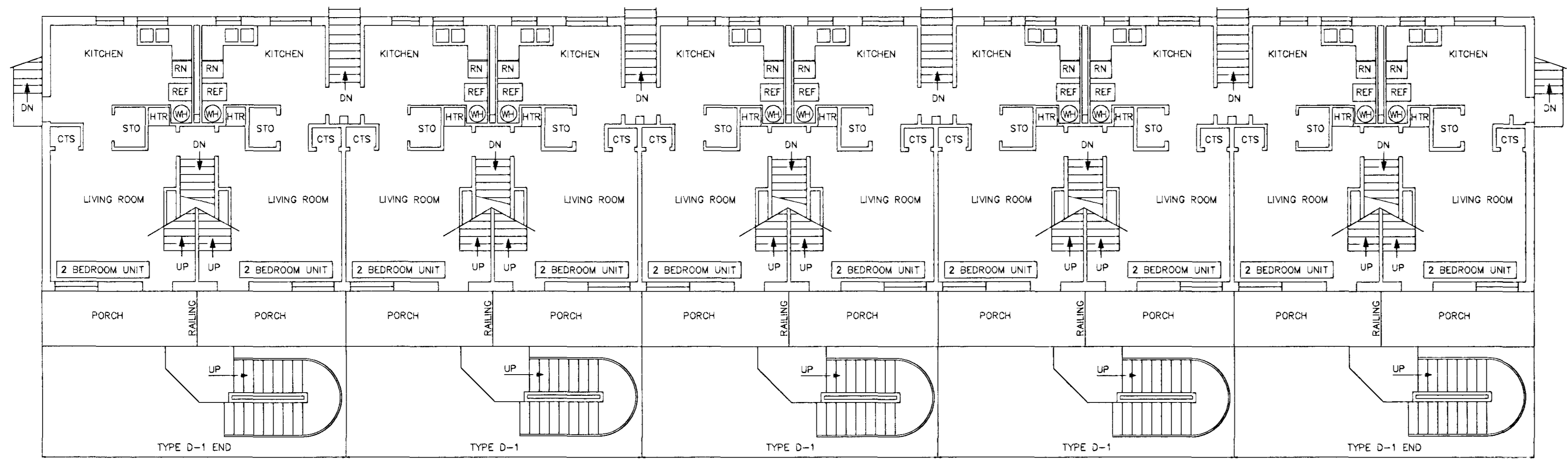
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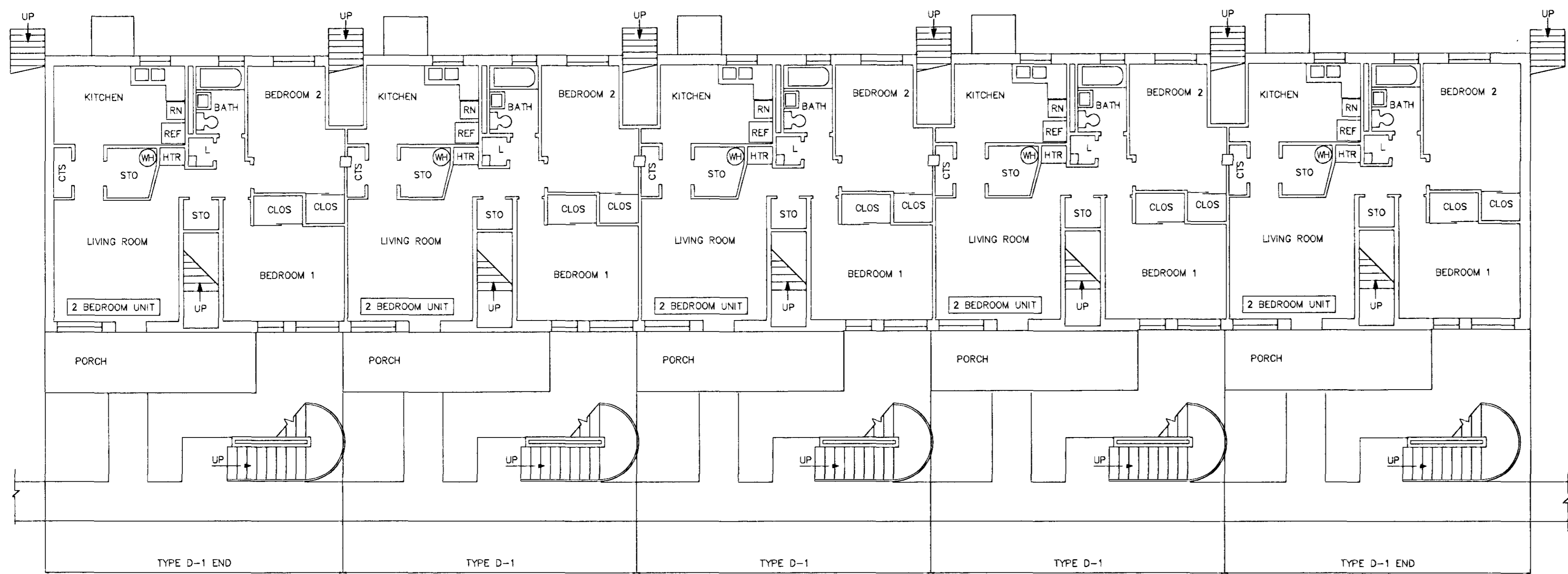
SHEET NO.
A-5



THIRD FLOOR PLAN (TYPE "D")

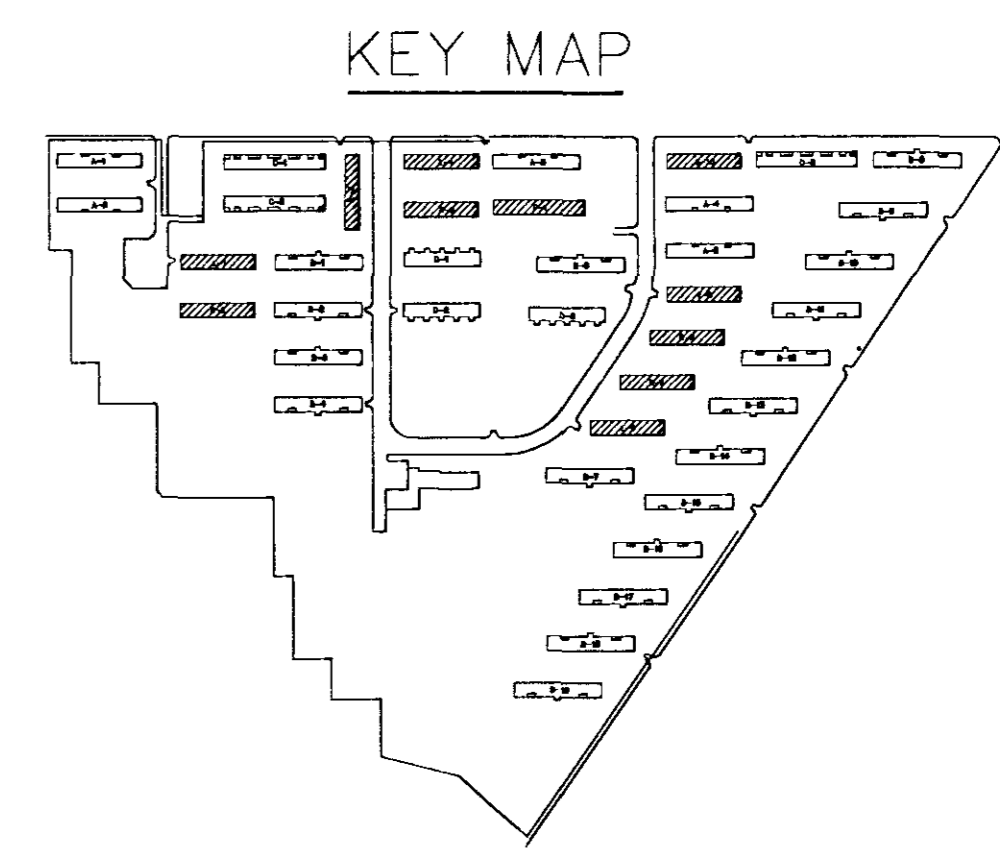


SECOND FLOOR PLAN (TYPE "D")

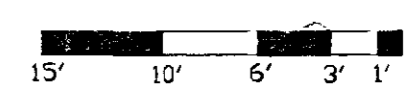


FIRST FLOOR PLAN (TYPE "D")

NOTE:
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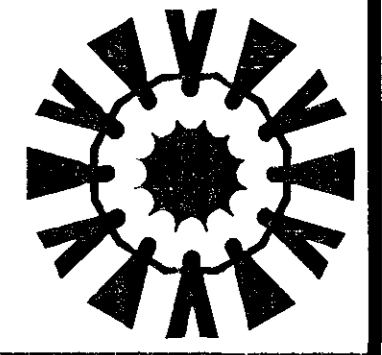


EXISTING BUILDING PLANS
(TYPE "D")
FIRST / SECOND FLOORS
SCALE: 1/8"=1'-0"



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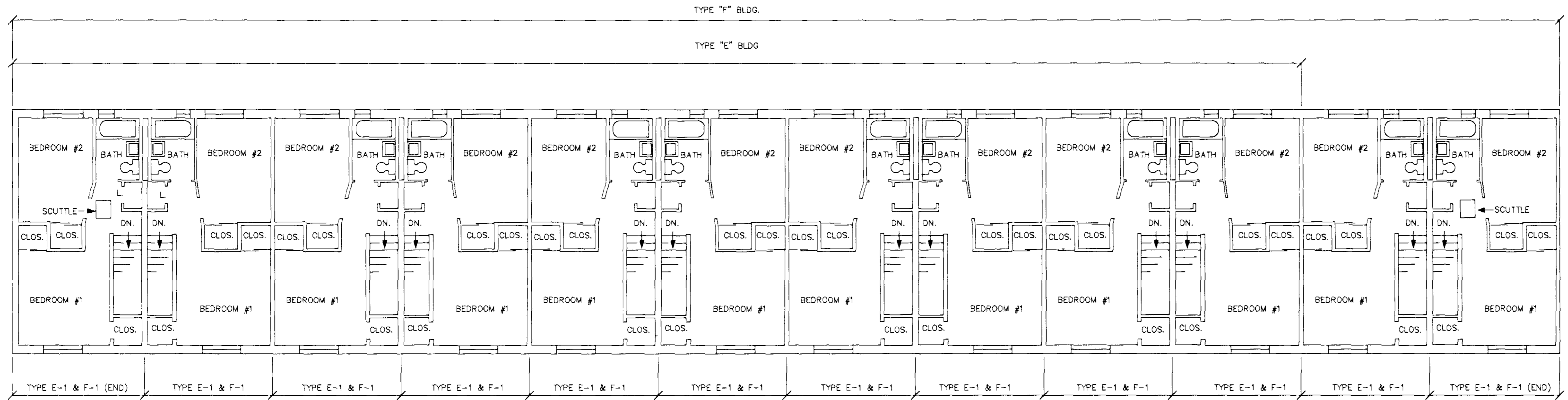
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NASHVILLE, TENNESSEE



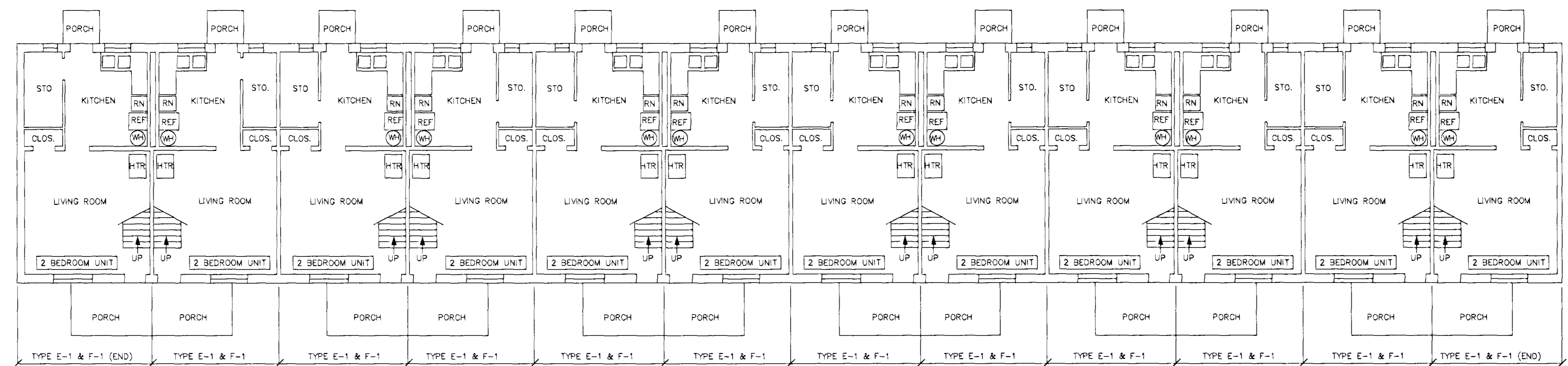
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SHEET TITLE

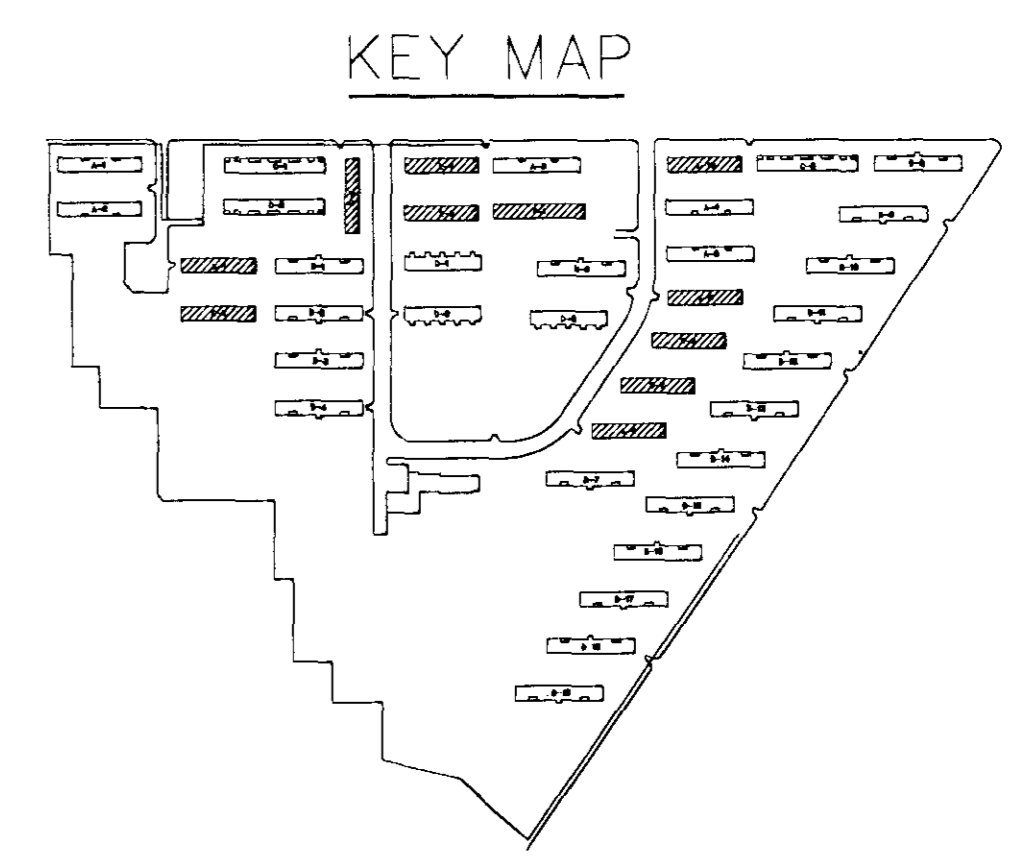


SECOND FLOOR PLAN (TYPE "E" & "F")

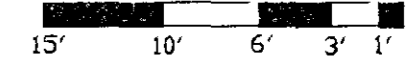


FIRST FLOOR PLAN (TYPE "E" & "F")

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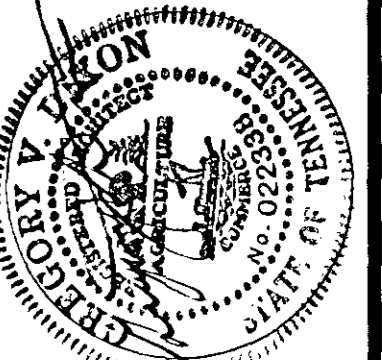
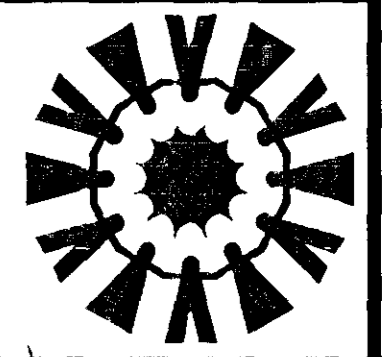


EXISTING BUILDING PLANS
(TYPE "E" & "F")
FIRST / SECOND FLOORS
SCALE: 1/8"=1'-0"



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NASHVILLE, TENNESSEE

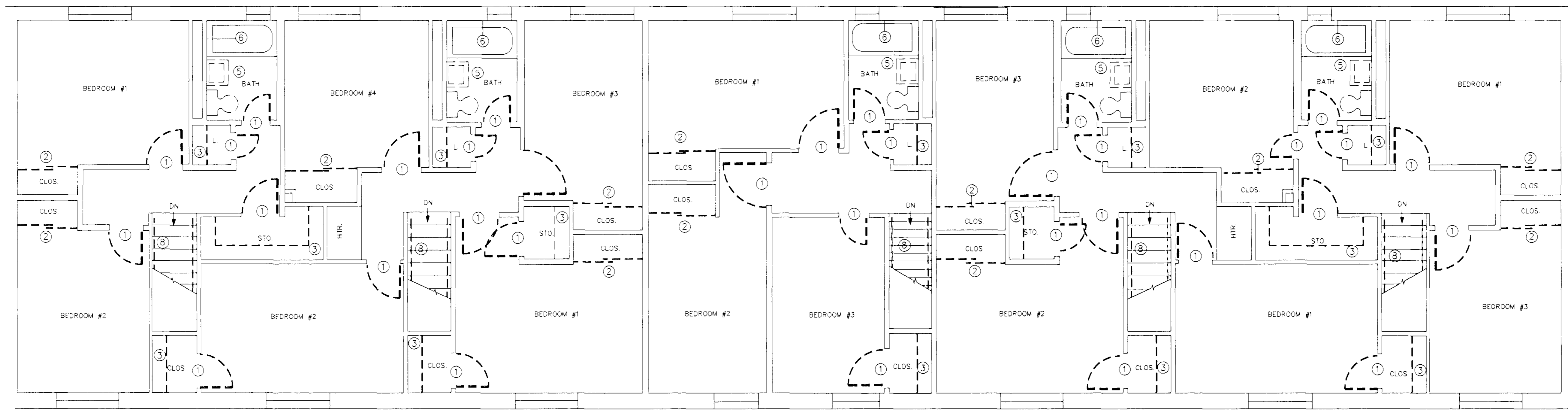


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NO.	DATE	REVISION

SHEET NO.

A-7

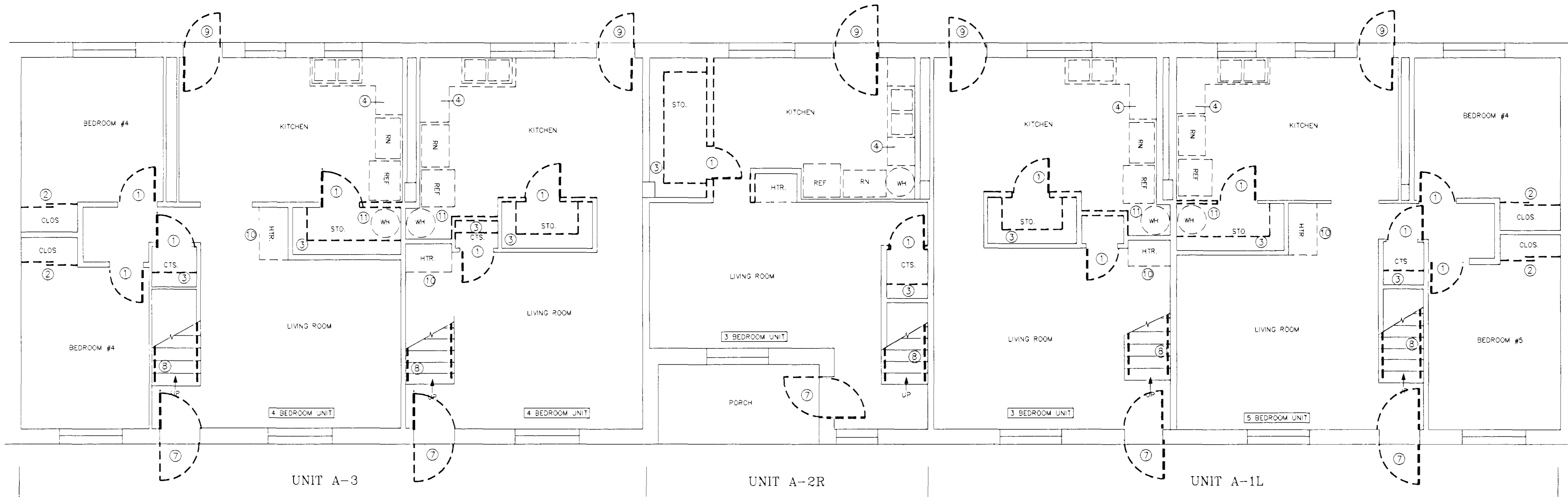


UNIT A-3

UNIT A-2R

UNIT A-1L

SECOND FLOOR PLAN (TYPE "A")



UNIT A-3

UNIT A-2R

UNIT A-1L

FIRST FLOOR PLAN (TYPE "A")

CONDENSED KEYNOTE LEGEND	
1.	REMOVE EXISTING INT. DOORS & HARDWARE.
2.	REMOVE INT. CLOS. DOORS, THRESHOLD, TRACK AND/OR FRM.
3.	REMOVE EXISTING SHELVING AND SUPPORTS AS REQ'D.
4.	REMOVE BASE AND WALL CABINETS.
5.	REMOVE TOILET FIXTURES AND ACCESSORIES.
6.	REMOVE EXISTING TRIM AND PLASTER AROUND TUB ONLY.
7.	REMOVE EXISTING EXTERIOR WOOD DOOR, STORM DOOR & FRAME.
8.	REMOVE ALL HANDRAILS - REMOVE BRACKETS/REINF. AS REQ'D.
9.	REMOVE EXISTING EXTERIOR WOOD DOOR AND FRAME.
10.	REMOVE EXISTING HEATING UNIT.
11.	REMOVE EXISTING WATER HEATER.

NOTE: FOR EXPANDED DEMOLITION WORK KEY NOTE SCHEDULE. SEE SHT A-1

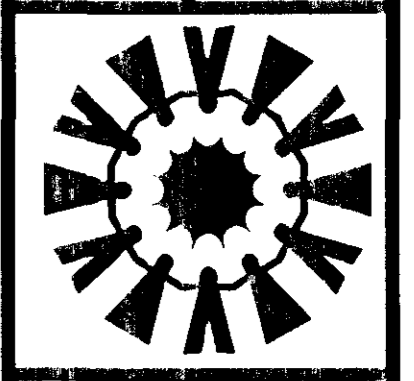
DEMOLITION FLOOR PLAN
FIRST/SECOND FLOORS
BUILDING TYPE "A"

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

williams - russell and johnson, inc.
engineers - planners - architects
Nashville Branch - Suite 450
Allentown Way - Nashville, TN 37208
Nashville Office - Suite 200
Telephone 615/254-2170

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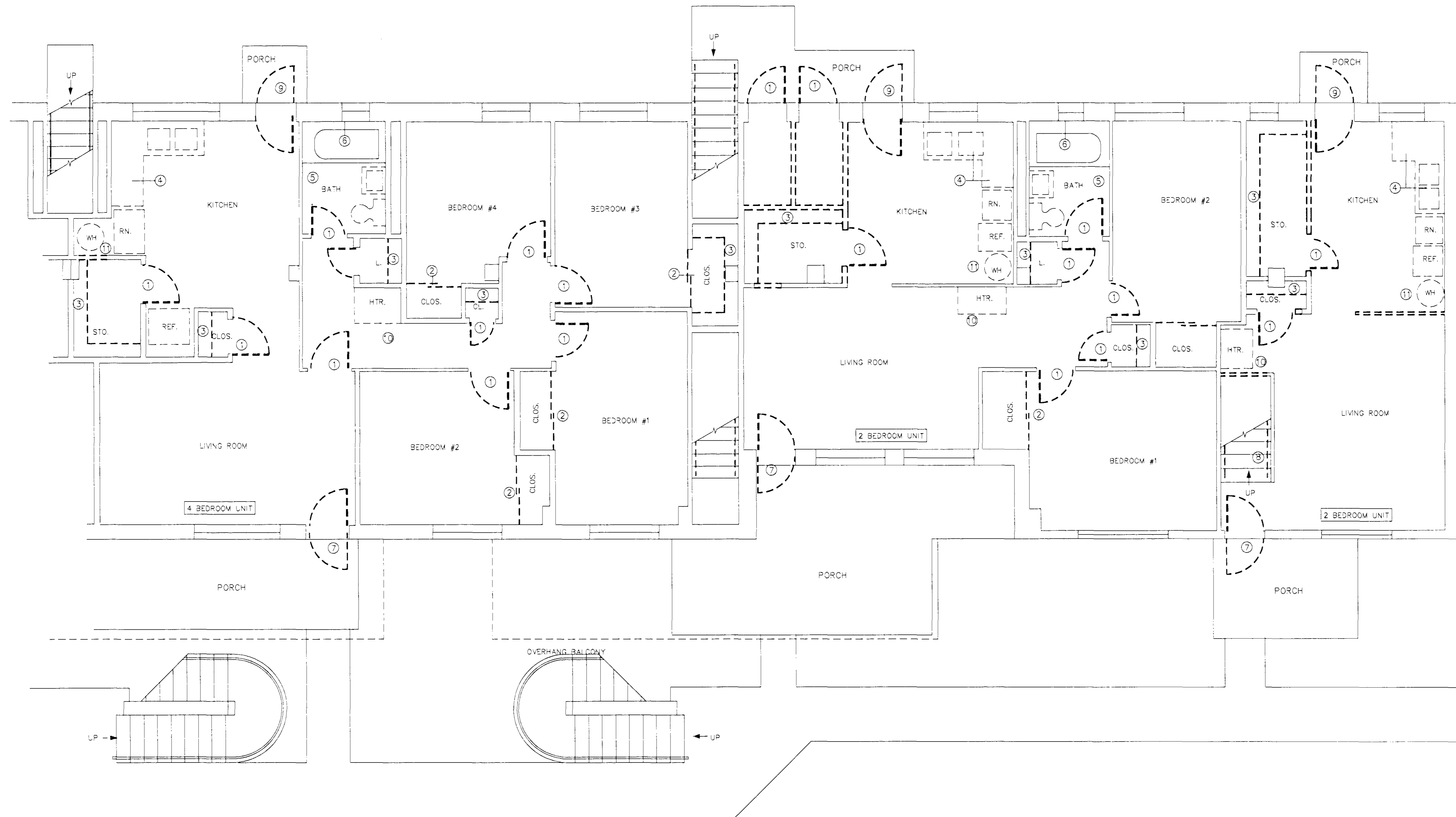
TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



WR&J Project No.: 324-931-01
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NO.	DATE	REVISION

SHEET NO.
A-8



UNIT B-1 (R)

FIRST FLOOR PLAN (TYPE "B")

CONDENSED KEYNOTE LEGEND

1. REMOVE EXISTING INT. DOORS & HARDWARE.
2. REMOVE INT. CLOS. DOORS, THRESHOLD, TRACK AND/OR FRM.
3. REMOVE EXISTING SHELVING AND SUPPORTS AS REQ'D.
4. REMOVE BASE AND WALL CABINETS
5. REMOVE TOILET FIXTURES AND ACCESSORIES.
6. REMOVE EXISTING TRIM AND PLASTER AROUND TUB ONLY.
7. REMOVE EXISTING EXTERIOR WOOD DOOR, STORM DOOR & FRAME.
8. REMOVE ALL HANDRAILS. REMOVE BRACKETS/REINF. AS REQ'D.
9. REMOVE EXISTING EXTERIOR WOOD DOOR AND FRAME.
10. REMOVE EXISTING HEATING UNIT.
11. REMOVE EXISTING WATER HEATER.

NOTE: FOR EXPANDED DEMOLITION WORK KEY NOTE SCHEDULE. SEE SHT A-1

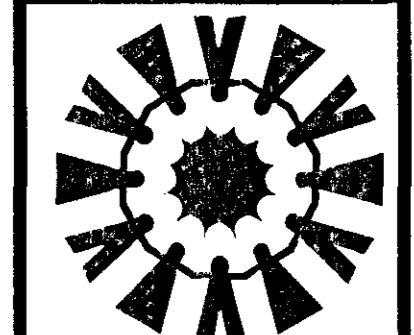
DEMOLITION FLOOR PLAN
FIRST FLOOR
BUILDING TYPE "B"

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



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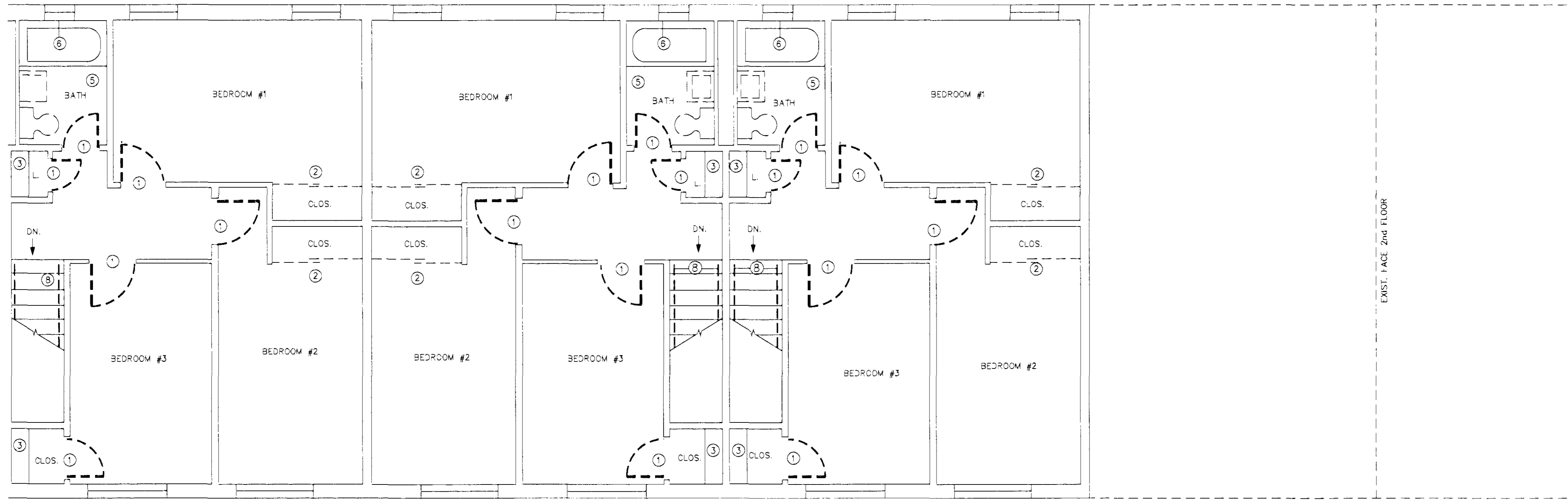
TONY SUDEKUM HOME RENOVATION
TN003-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



WR&J Project No.:
324-931-01
DATE: 8/3/93

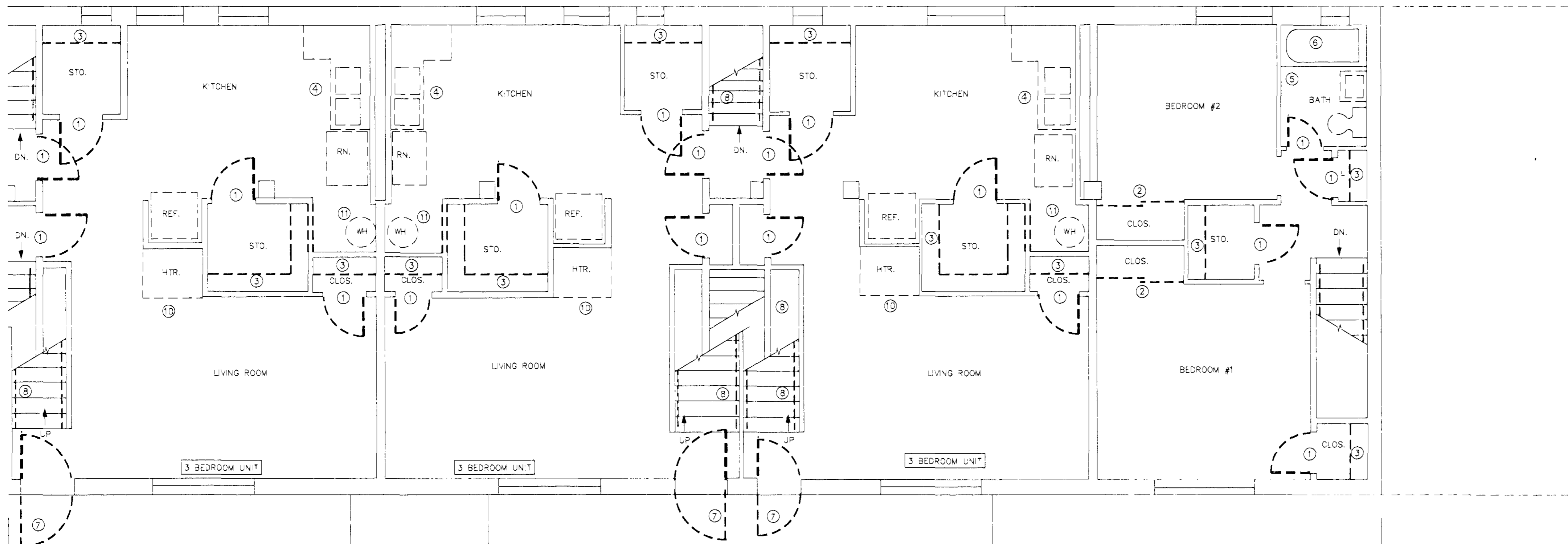
NO.	DATE	REVISION

SHEET NO.
A-9



GROUP B-1(L)

THIRD FLOOR PLAN (TYPE "B")



GROUP B-1(L)

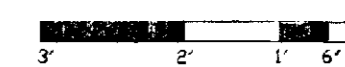
SECOND FLOOR PLAN (TYPE "B")

CONDENSED KEYNOTE LEGEND	
1.	REMOVE EXISTING INT. DOORS & HARDWARE.
2.	REMOVE INT. CLOS.DOORS, THRESHOLD, TRACK AND/OR FRM.
3.	REMOVE EXISTING SHELVING AND SUPPORTS AS REQ'D.
4.	REMOVE BASE AND WALL CABINETS
5.	REMOVE TOILET FIXTURES AND ACCESSORIES.
6.	REMOVE EXISTING TRIM AND PLASTER AROUND TUB ONLY.
7.	REMOVE EXISTING EXTERIOR WOOD DOOR, STORM DOOR & FRAME.
8.	REMOVE ALL HANDRAILS. REMOVE BRACKETS/REINF. AS REQ'D.
9.	REMOVE EXISTING EXTERIOR WOOD DOOR AND FRAME.
10.	REMOVE EXISTING HEATING UNIT.
11.	REMOVE EXISTING WATER HEATER.

NOTE: FOR EXPANDED DEMOLITION WORK KEY NOTE SCHEDULE. SEE SHIT A-1

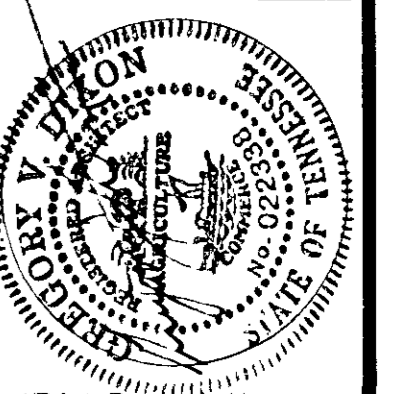
DEMOLITION FLOOR PLAN
SECOND/THIRD FLOORS
BUILDING TYPE "B"

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



Williams • Russell and Johnson, Inc.
engineers • planners • architects
Nashville Branch • Suite 450
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Nashville, Tennessee 37208
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TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



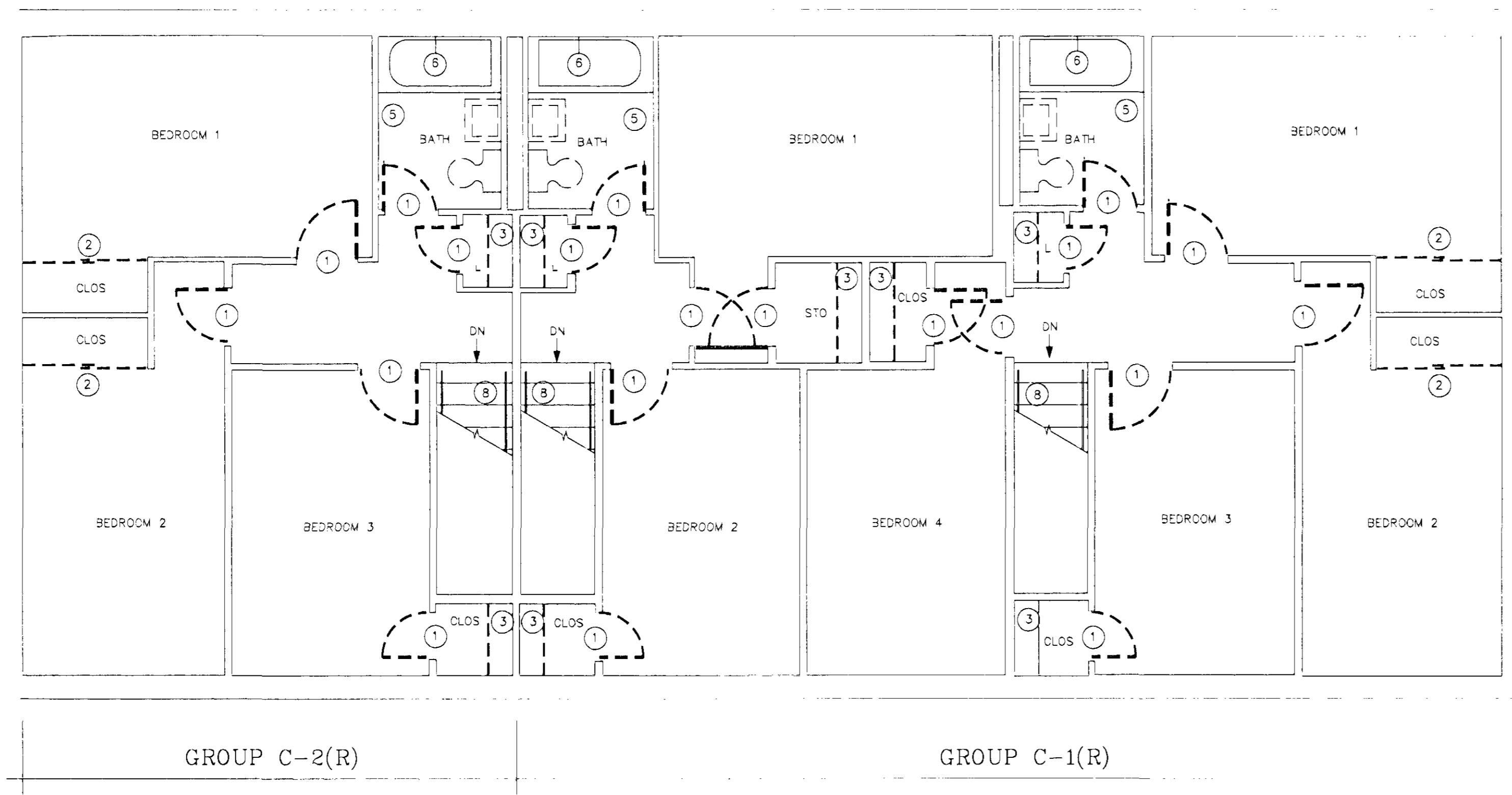
WR&J Project No.:
324-931-01

DATE: 8/3/93

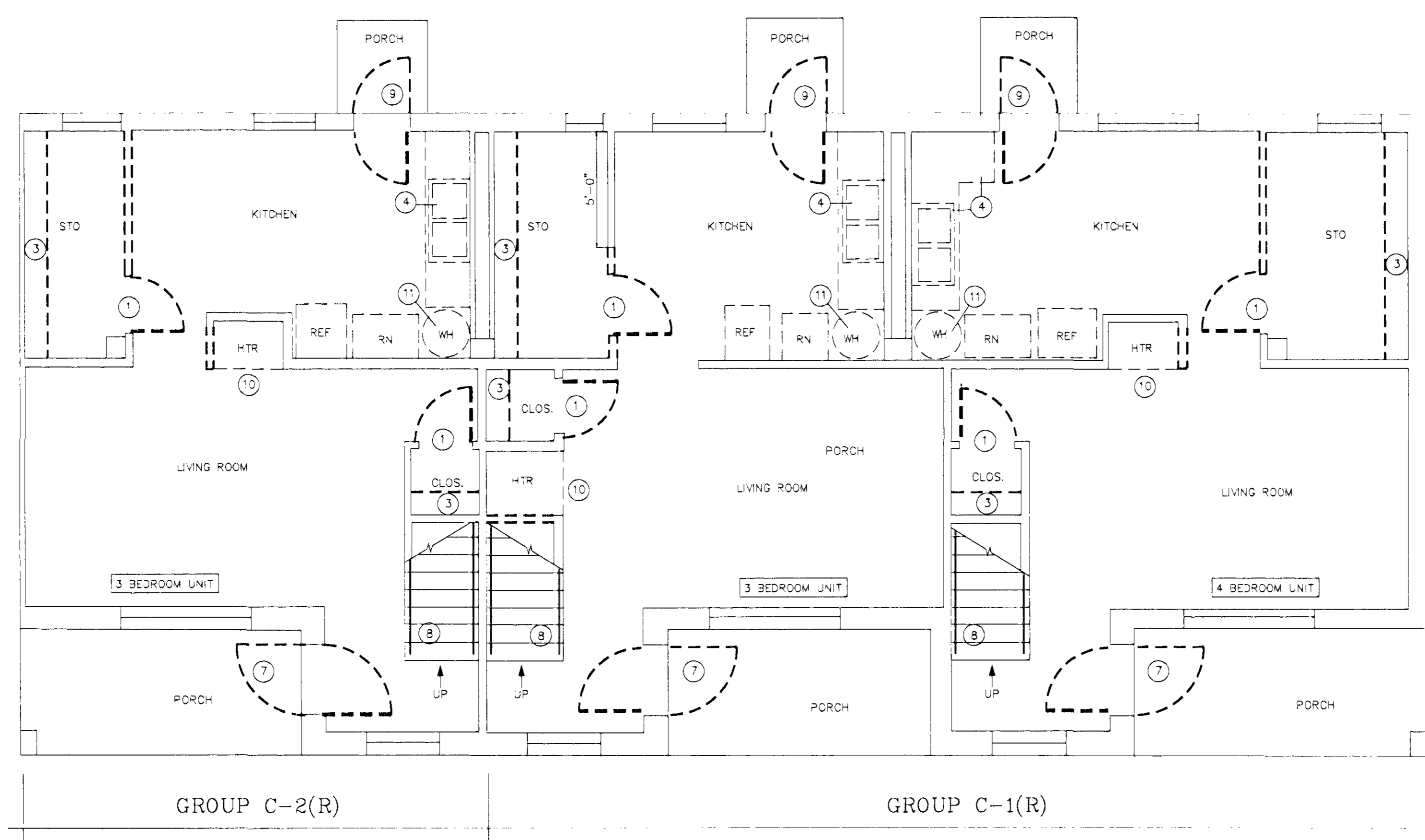
NO.	DATE	REVISION

SHEET NO.

A-10



SECOND FLOOR PLAN (TYPE "C")



FIRST FLOOR PLAN (TYPE "C")

- CONDENSED KEYNOTE LEGEND**
1. REMOVE EXISTING INT. DOORS & HARDWARE.
 2. REMOVE INT. CLOS. DOORS, THRESHOLD, TRACK AND/OR FRM.
 3. REMOVE EXISTING SHELVING AND SUPPORTS AS REQ'D.
 4. REMOVE BASE AND WALL CABINETS.
 5. REMOVE TOILET FIXTURES AND ACCESSORIES.
 6. REMOVE EXISTING TRIM AND PLASTER AROUND TUB ONLY.
 7. REMOVE EXISTING EXTERIOR WOOD DOOR, STORM DOOR & FRAME.
 8. REMOVE ALL HANDRAILS. REMOVE BRACKETS/REINF. AS REQ'D.
 9. REMOVE EXISTING EXTERIOR WOOD DOOR AND FRAME.
 10. REMOVE EXISTING HEATING UNIT.
 11. REMOVE EXISTING WATER HEATER.

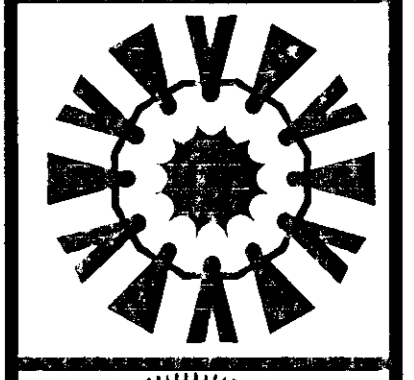
NOTE: FOR EXPANDED DEMOLITION WORK KEY NOTE SCHEDULE. SEE SHT A-1

DEMOLITION FLOOR PLAN
 FIRST/SECOND FLOORS
 BUILDING TYPE "C"
 SCALE: 1/4"=1'-0"

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 engineers • planners • architects
 Nashville Branch, Suite 450
 220 Athens Way
 Nashville, Tennessee 37208
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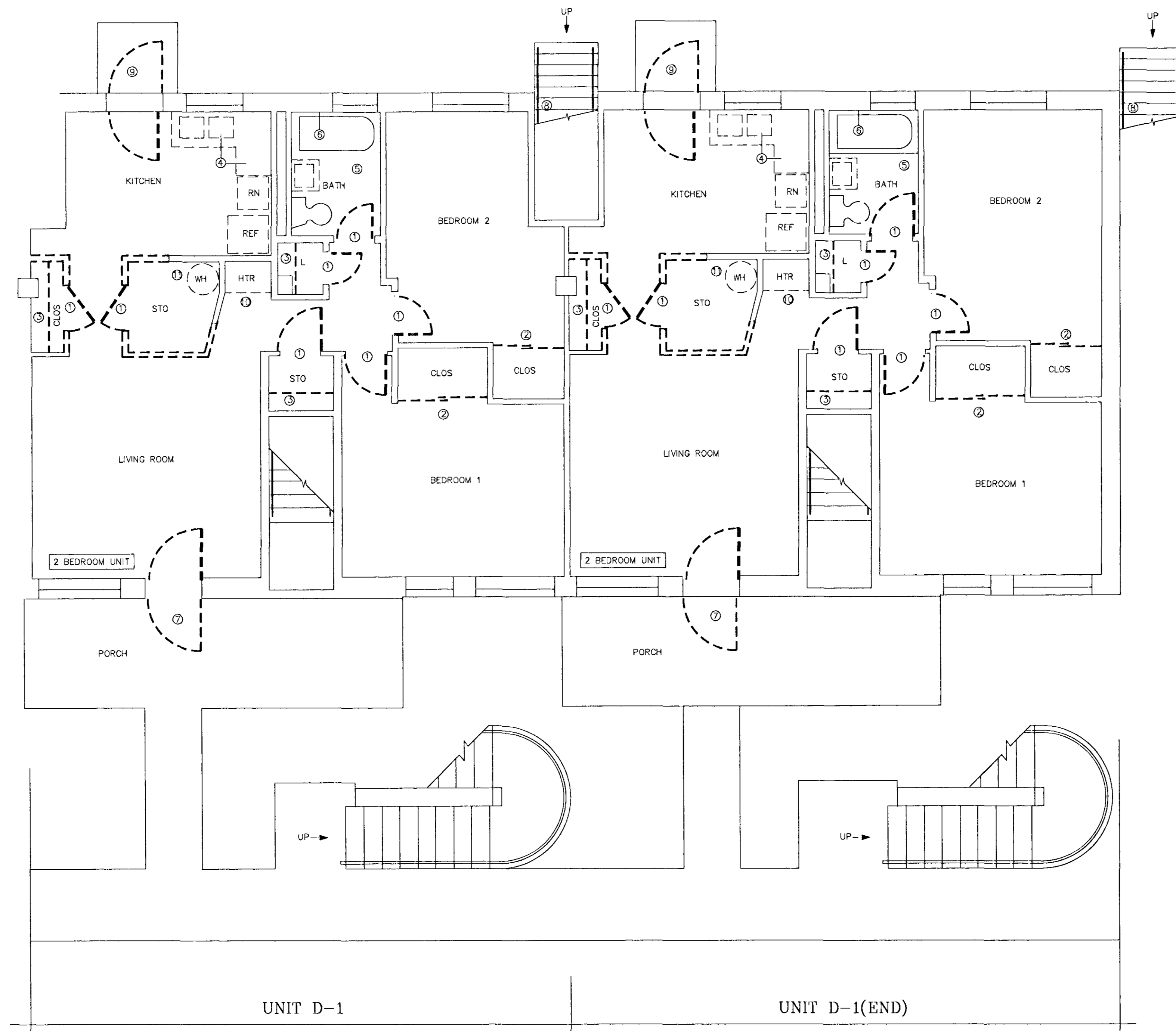
TONY SUDEKUM HOME RENOVATION
 TN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



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SHEET NO.
A-11



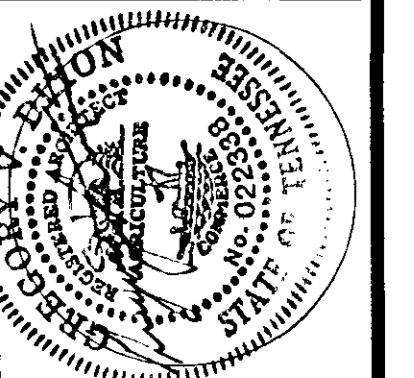
FIRST FLOOR PLAN (TYPE "D")

CONDENSED KEYNOTE LEGEND	
1.	REMOVE EXISTING INT. DOORS & HARDWARE.
2.	REMOVE INT. CLOS.DOORS, THRESHOLD, TRACK AND/OR FRM.
3.	REMOVE EXISTING SHELIVING AND SUPPORTS AS REQ'D.
4.	REMOVE BASE AND WALL CABINETS
5.	REMOVE TOILET FIXTURES AND ACCESSORIES.
6.	REMOVE EXISTING TRIM AND PLASTER AROUND TUB ONLY.
7.	REMOVE EXISTING EXTERIOR. WOOD DOOR, STORM DOOR & FRAME.
8.	REMOVE ALL HANDRAILS. REMOVE BRACKETS/REINF. AS REQ'D.
9.	REMOVE EXISTING EXTERIOR. WOOD DOOR AND FRAME.
10.	REMOVE EXISTING HEATING UNIT.
11.	REMOVE EXISTING. WATER HEATER.

NOTE: FOR EXPANDED DEMOLITION WORK KEY NOTE SCHEDULE. SEE SHT A-1

DEMOLITION FLOOR PLAN
FIRST FLOOR
BUILDING TYPE "D"

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



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DATE: 8/3/93

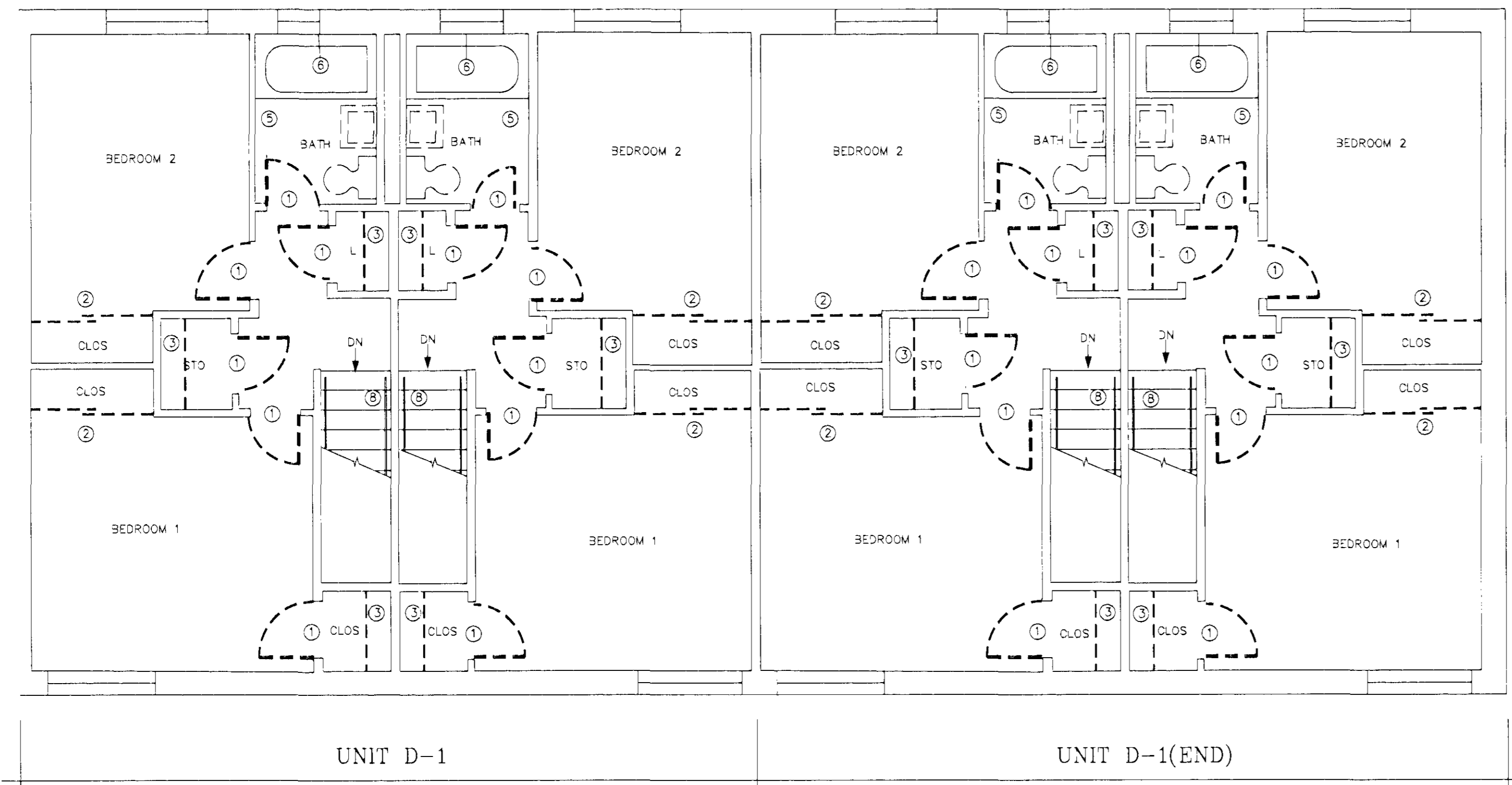
NO.	DATE	REVISION

SHEET NO.

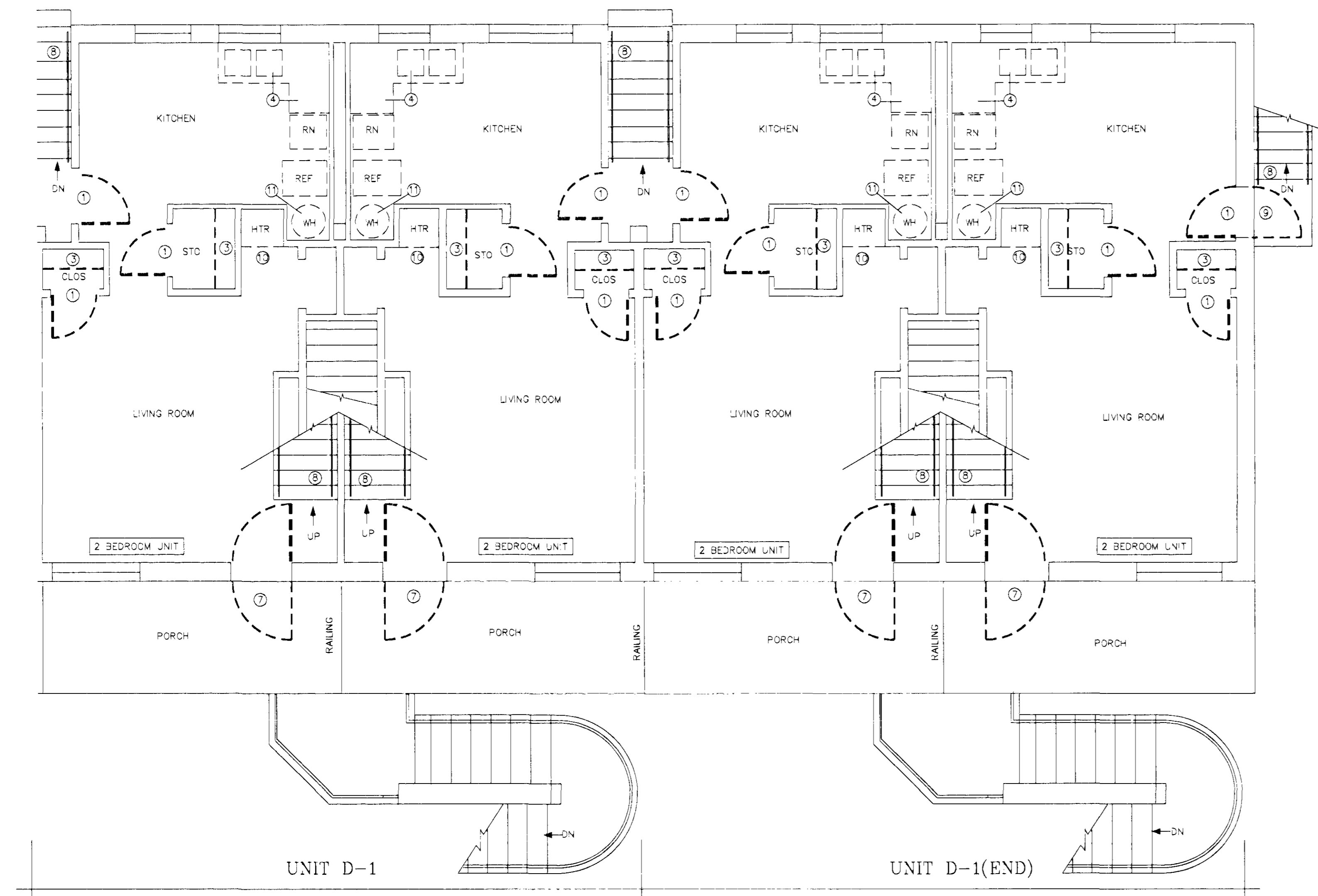
A-12

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

williams • russell and johnson, inc.
engineers • planners • architects
Nashville, Branch: Suite 450
220 Athens Way
Nashville, Tennessee 37208
Telephone 615/254-2178
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THIRD FLOOR PLAN (TYPE "D")



SECOND FLOOR PLAN (TYPE "D")

- CONDENSED KEYNOTE LEGEND
1. REMOVE EXISTING INT. DOORS & HARDWARE.
 2. REMOVE INT. CLOS.DOORS,THRESHOLD, TRACK AND/OR FRM.
 3. REMOVE EXISTING SHELVING AND SUPPORTS AS REQ'D.
 4. REMOVE BASE AND WALL CABINETS
 5. REMOVE TOILET FIXTURES AND ACCESSORIES.
 6. REMOVE EXISTING TRIM AND PLASTER AROUND TUB ONLY.
 7. REMOVE EXISTING EXTERIOR. WOOD DOOR, STORM DOOR & FRAME.
 8. REMOVE ALL HANDRAILS. REMOVE BRACKETS/REINF. AS REQ'D.
 9. REMOVE EXISTING EXTERIOR. WOOD DOOR AND FRAME.
 10. REMOVE EXISTING HEATING UNIT.
 11. REMOVE EXISTING. WATER HEATER.

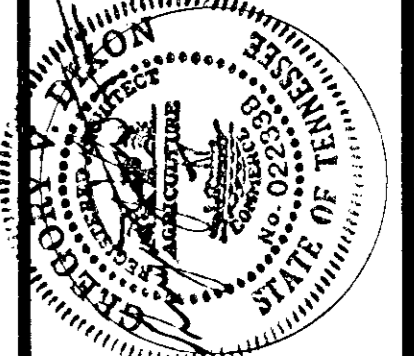
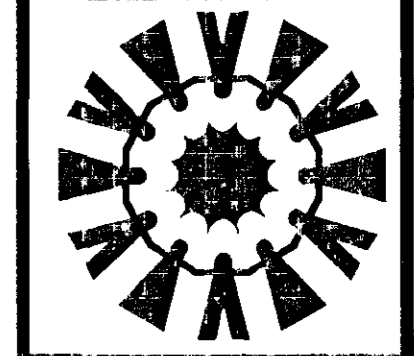
NOTE: FOR EXPANDED DEMOLITION WORK KEY NOTE SCHEDULE. SEE SHT A-1

DEMOLITION FLOOR PLAN
 SECOND/THIRD FLOORS
 BUILDING TYPE "D"
 SCALE: 1/4"=1'-0"

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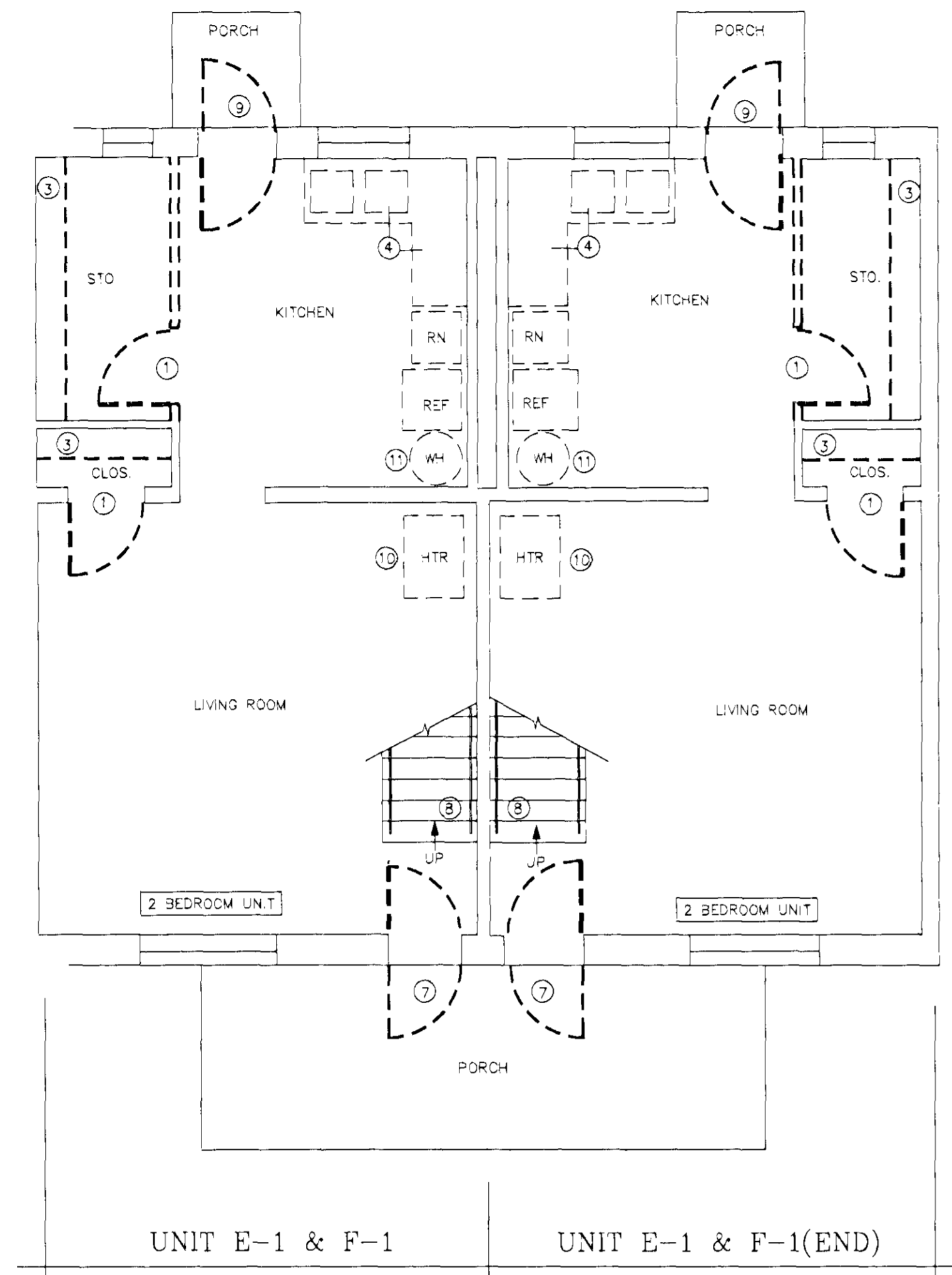
TONY SUDEKUM HOME RENOVATION
 TN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



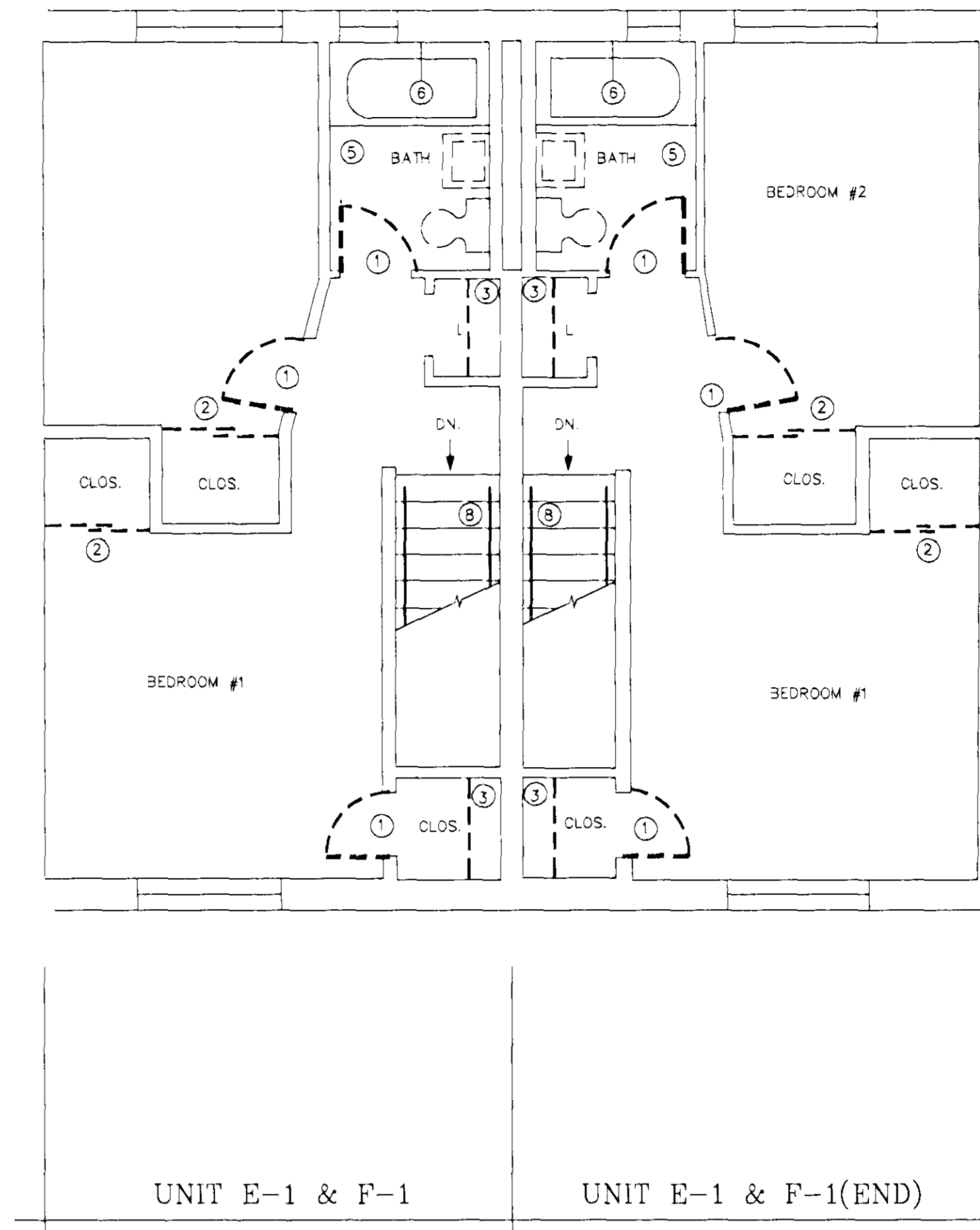
WR&J Project No.:
 324-931-01
 DATE: 8/3/93

NO.	DATE	REVISION

SHEET NO.
A-13



FIRST FLOOR PLAN (TYPE "E" & "F")



SECOND FLOOR PLAN (TYPE "E" & "F")

CONDENSED KEYNOTE LEGEND	
1.	REMOVE EXISTING INT. DOORS & HARDWARE.
2.	REMOVE INT. CLOS., DOORS, THRESHOLD, TRACK AND/OR FRM.
3.	REMOVE EXISTING SHELVING AND SUPPORTS AS REQ'D.
4.	REMOVE BASE AND WALL CABINETS.
5.	REMOVE TOILET FIXTURES AND ACCESSORIES.
6.	REMOVE EXISTING TRIM AND PLASTER AROUND TUB ONLY.
7.	REMOVE EXISTING EXTERIOR WOOD DOOR, STORM DOOR & FRAME.
8.	REMOVE ALL HANDRAILS. REMOVE BRACKETS/REINF. AS REQ'D.
9.	REMOVE EXISTING EXTERIOR WOOD DOOR AND FRAME.
10.	REMOVE EXISTING HEATING UNIT.
11.	REMOVE EXISTING WATER HEATER.

NOTE: FOR EXPANDED DEMOLITION WORK KEY NOTE SCHEDULE. SEE SHT A-1

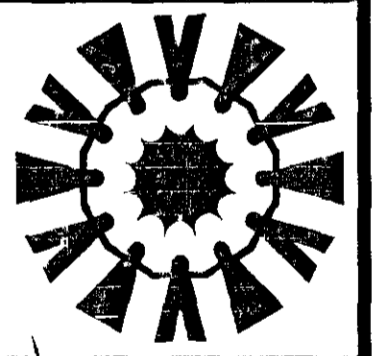
DEMOLITION FLOOR PLAN
FIRST/SECOND FLOORS
BUILDING TYPES "E" & "F"

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

williams · russell and johnson, inc.
engineers · planners · architects
Nashville Branch - Suite 420
220 Athens Way
Nashville, Tennessee 37203
Telephone: 615/254-2170

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CHECKED BY: PLOT DATE:

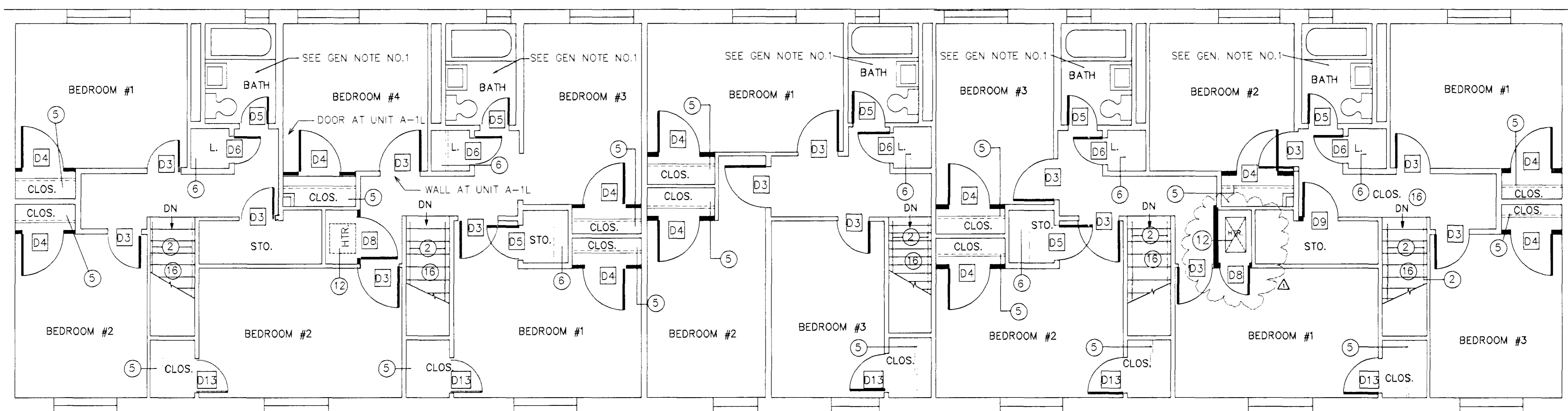
TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



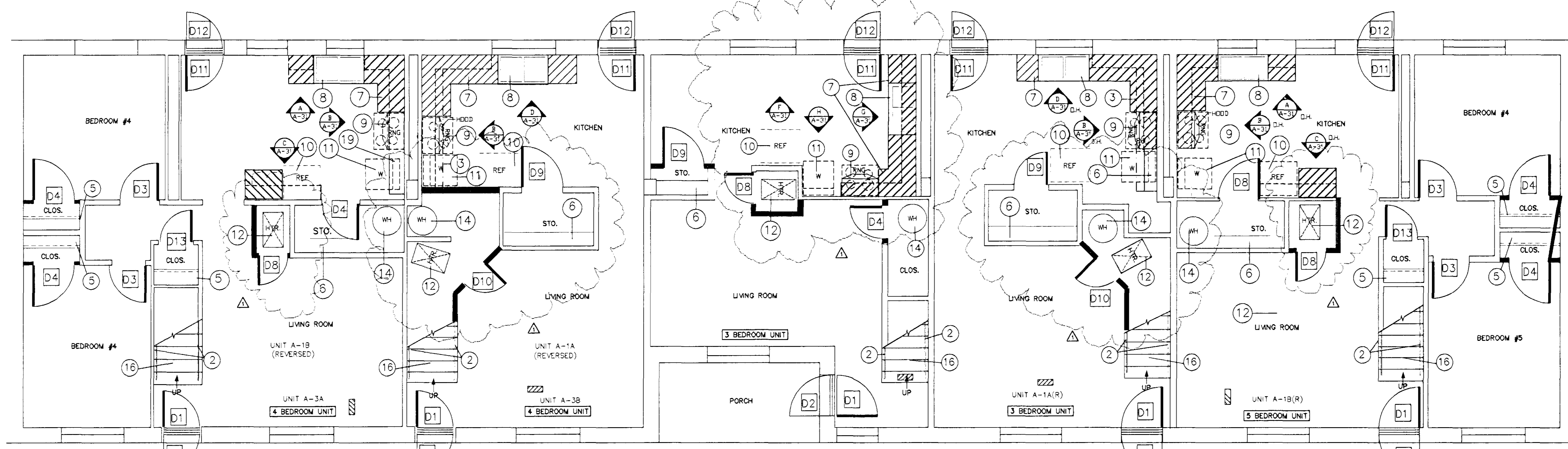
WR&J Project No.:
324-931-01
DATE: 8/3/93

NO.	DATE	REVISION

SHEET NO.
A-14

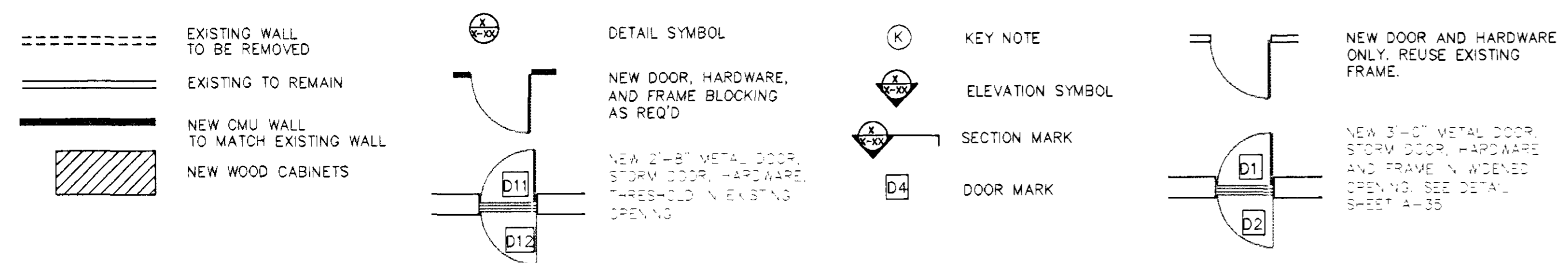


GROUP A-3 UNIT A-2R GROUP A-1R
 PLAN SAME AS UNIT A-1L (O.H.) SECOND FLOOR PLAN (TYPE "A")



GROUP A-3 UNIT A-2R GROUP A-1R
 FIRST FLOOR PLAN (TYPE "A")

LEGEND



FINISH SCHEDULE				
SPACE NAME	FLOOR	BASE	WALL	CEILING
LIVING ROOM	VOT	RUBBER	OVUL/PANT	OVUL/PANT
KITCHEN	VOT	RUBBER	OVUL/PANT	OVUL/PANT
STORAGE	VOT	RUBBER	OVUL/PANT	OVUL/PANT
CLOSET	VOT	RUBBER	OVUL/PANT	OVUL/PANT
HTR/W. HTR	VOT	RUBBER	OVUL/PANT	OVUL/PANT
BATH	OT	OT	OVUL/PANT/PLAS	OVUL/PANT
LVEN	VOT	RUBBER	OVUL/PANT	OVUL/PANT
BEDROOM	VOT	RUBBER	OVUL/PANT	OVUL/PANT

CONDENSED KEYNOTE LEGEND

- 1. NOT USED
- 2. NEW HDOAD HANDRAILS & AL BRACKTS
- 3. NEW WOOD PANEL FLUR DOWN
- 4. NEW WOOD PANEL FLUR DOWN
- 5. NEW WOOD SHELF/ROD AS REQUIRED
- 6. NEW WOOD SHELF/ROD AS REQUIRED
- 7. NEW WOOD BASE AND WALL CABINETS
- 8. NEW DOUBLE SINK
- 9. NEW RANGE HOOD
- 10. REFR. DEPTOR (NOT IN CONTRACT)
- 11. WASHING MACHINE (NOT IN CONTRACT)
- 12. NEW HEATNG UNIT
- 13. NOT USED
- 14. NEW WATER HEATER
- 15. NEW W/DP & RETURN AIR GRILL
- 16. NEW VINYL STAIR TREAD
- 17. HINGED METAL LOUVER

NOTE: FOR EXPANDED NEW WORK KEY NOTE SCHEDULE SEE SHEET A-11

SEE SHEET A-32 FOR DOOR SCHEDULE

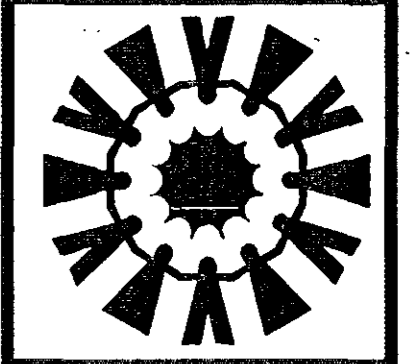
"NEW WORK" PLAN
 TYPE "A"
 FIRST/SECOND FLOORS

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

As Built

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 engineers - planners - architects
 220 Atlanta Way
 Nashville, Tennessee 37208
 Telephone 615/254-2170

TONY SUDEKUM HOME RENOVATION
 TN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE

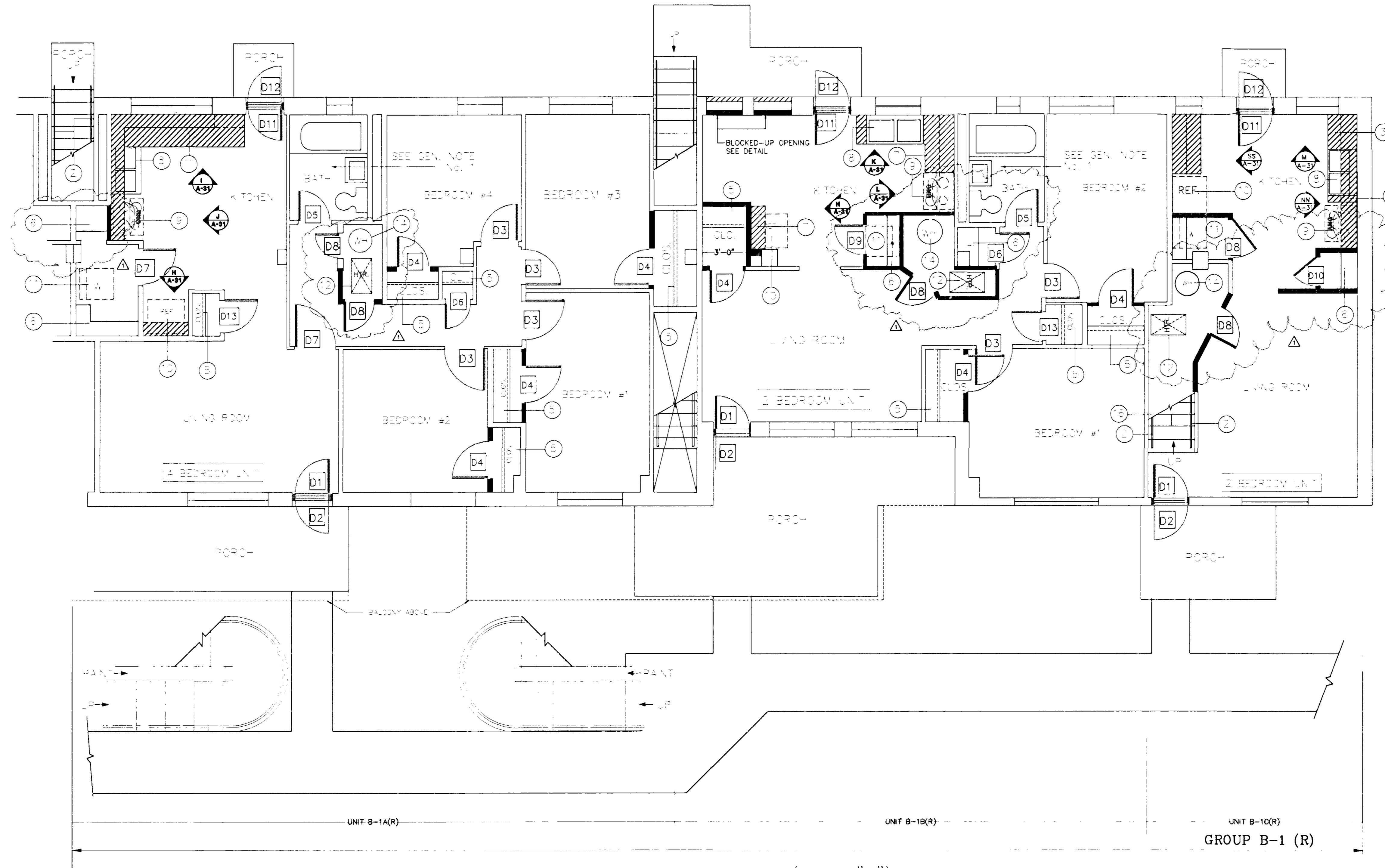


WR&J Project No.:
 324-931-01
 DATE: 8/3/93

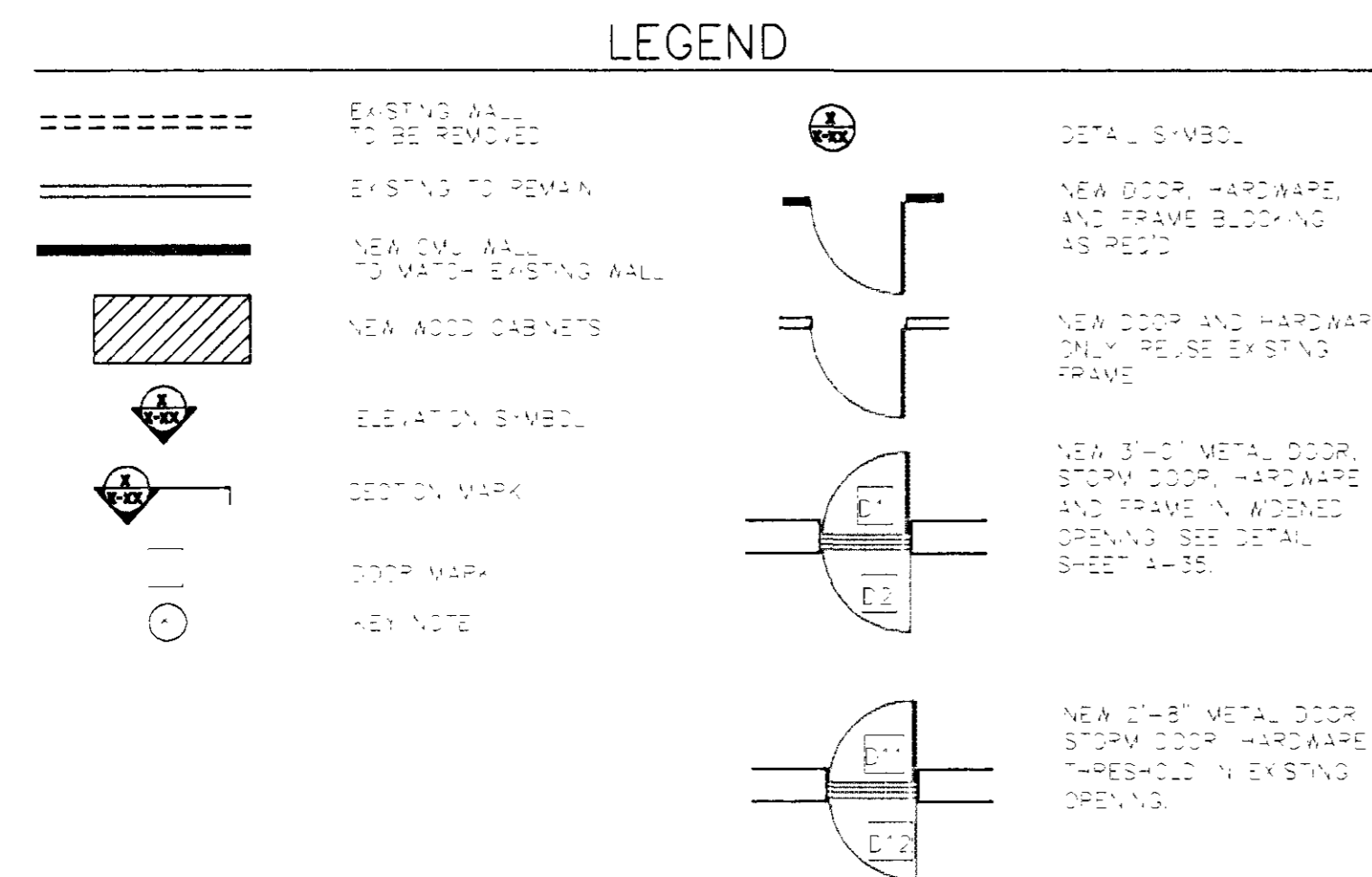
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1	1/25/94	HR

SHEET NO.
A-15

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 CHECKED BY: MM
 PLOT DATE:



FIRST FLOOR PLAN (TYPE "B")



CONDENSED KEYNOTE LEGEND

- 1. NOT USED
- 2. NEW WOOD HARDWARE & WALL BRACKETS
- 3. NEW WOOD PANEL FLOOR DOORS
- 4. NOT USED
- 5. NEW WOOD SHELF ROD AS REQUIRED
- 6. NEW WOOD SHELVING AS REQUIRED
- 7. NEW WOOD BATH AND WALL CABINETS
- 8. NEW DOOR BUSH
- 9. NEW RANGE HOOD
- 10. REFRIGERATOR NOT IN CONTRACT
- 11. WASHING MACHINE NOT IN CONTRACT
- 12. NEW WASHING MACHINE
- 13. NOT USED
- 14. NOT USED
- 15. NEW WATER HEATER
- 16. NEW W.H. DR. W. RETURN AIR GRILL
- 17. NEW W.H. SPLIT THREAD
- 18. NEW METAL DOOR COVER

NOTE: FOR EXPANDED NEW WORK KEYNOTE SCHEDULE SEE SHEET A-1

FINISH SCHEDULE

SPACE NAME	FLOOR	BASE	WALL	CEILING
LIVING ROOM	1ST	RUBBER	C.V. PAINT	C.V. PAINT
KITCHEN	1ST	RUBBER	C.V. PAINT	C.V. PAINT
STORAGE	1ST	RUBBER	C.V. PAINT	C.V. PAINT
CLOSET	1ST	RUBBER	C.V. PAINT	C.V. PAINT
HTR. W. HTR.	1ST	RUBBER	C.V. PAINT	C.V. PAINT
BATH	1ST	C.V.	C.V. PAINT PLAS	C.V. PAINT
HALL	1ST	RUBBER	C.V. PAINT	C.V. PAINT
BEDROOM	1ST	RUBBER	C.V. PAINT	C.V. PAINT

SEE SHEET A-30 FOR DOOR SCHEDULE

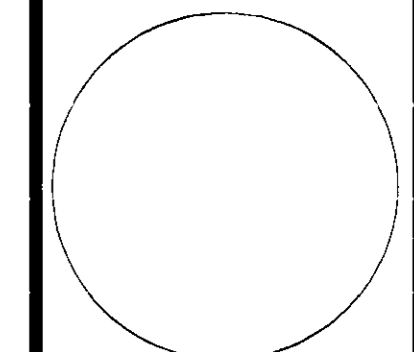
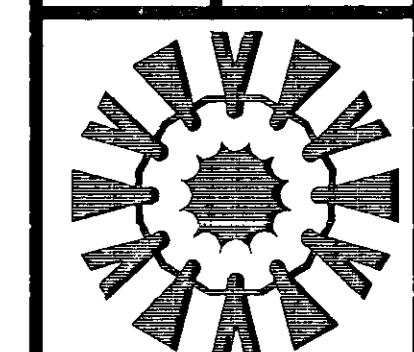
"NEW WORK" PLAN
TYPE "B"
FIRST FLOOR

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

As Built

Williams - Russell and Johnson, Inc.
engineers - planners - architects
Nashville Branch: Suite 450
220 Allens Way
Nashville, Tennessee 37208
Telephone: 615/254-2170

TONY SUDEKUM HOME RENOVATION
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NASHVILLE, TENNESSEE

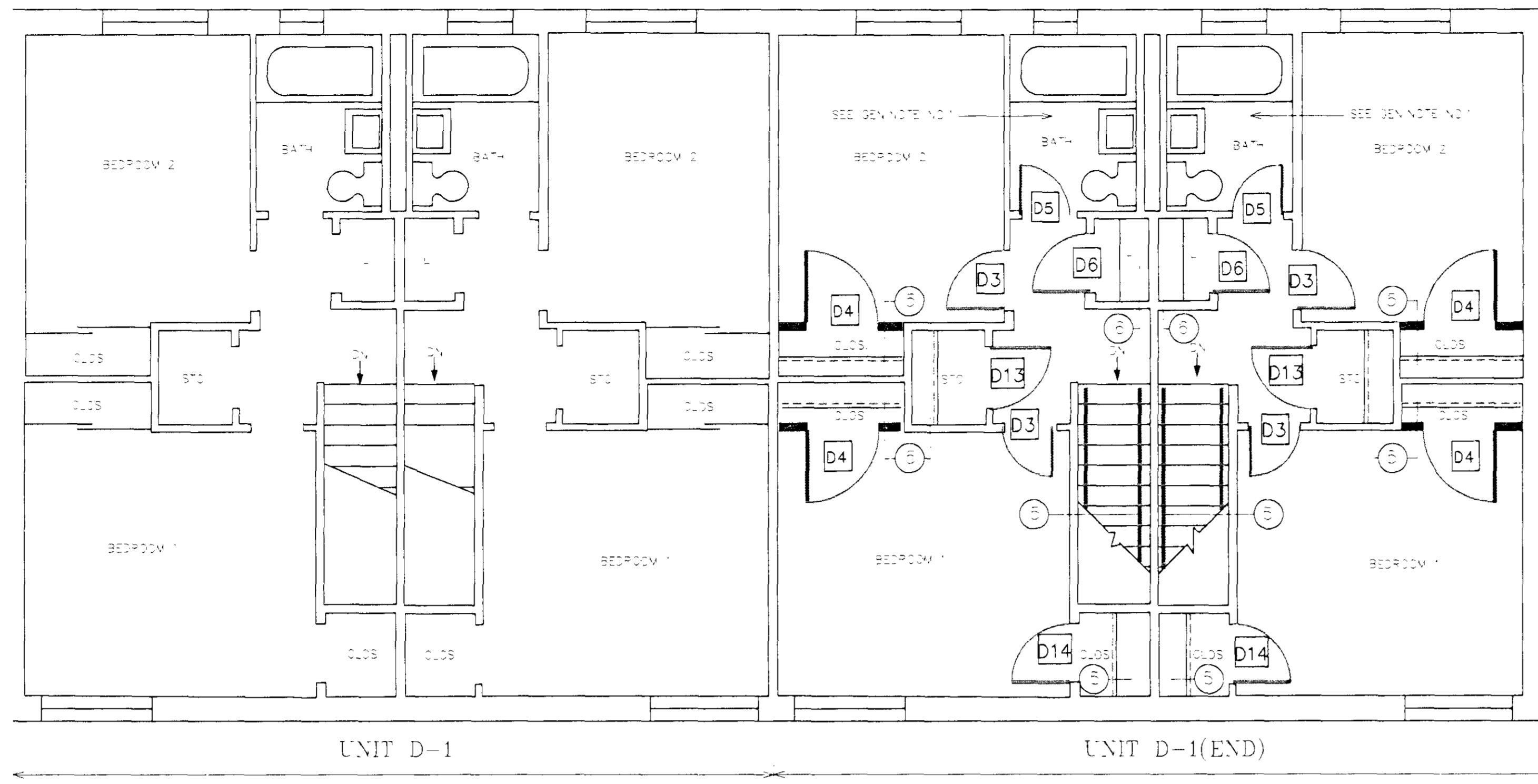


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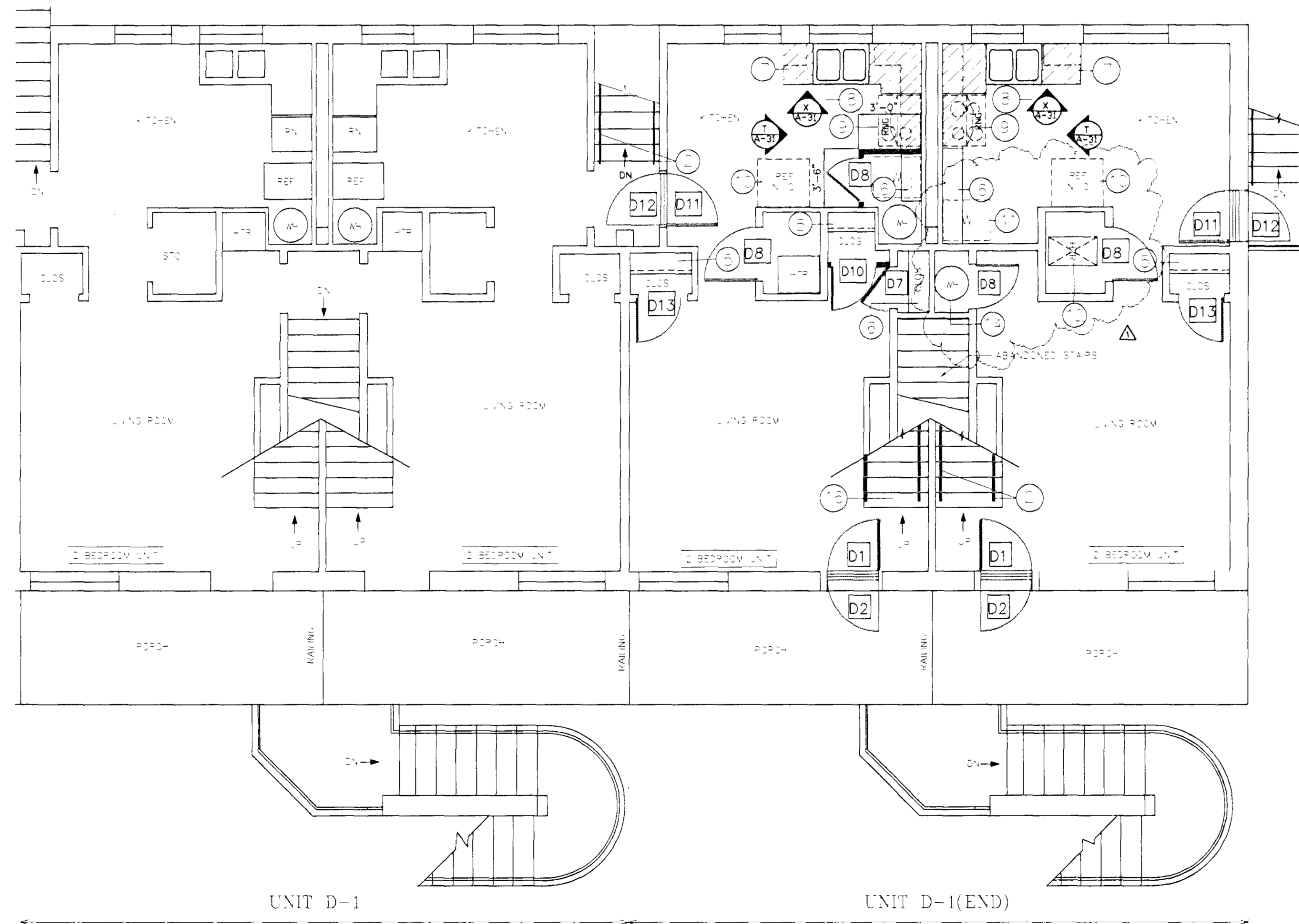
NO.	DATE	REVISION
1	1/25/94	HFR

SHEET NO.
A-16

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THIRD FLOOR PLAN (TYPE "D")



SECOND FLOOR PLAN (TYPE "D")

LEGEND

- EXISTING WALL TO BE REMOVED
- EXISTING TO REMAIN
- NEW CMU WALL TO MATCH EXISTING WALL
- NEW WOOD CABINETS
- KEY NOTE
- ELEVATION SYMBOL
- SECTION MARK
- DOOR MARK
- DETAIL SYMBOL
- NEW DOOR HARDWARE, HANGERS, BLOCKING AS NOTED
- NEW DOOR AND HARDWARE, HANGERS, BLOCKING AS NOTED
- NEW 24" METAL DOOR, STOP DOOR HARDWARE AND FRAME AS NOTED. OPEN TO SEE DETAIL SHEET A-38
- NEW 24" METAL DOOR, STOP DOOR HARDWARE, THRESHOLD, EXISTING CEMENT.

SPACE NAME	FLOOR	BASE	WALL	CEILING
LIVING ROOM	2ND	RUBBER	OVLT PAINT	OVLT PAINT
KITCHEN	2ND	RUBBER	OVLT PAINT	OVLT PAINT
STORAGE	2ND	RUBBER	OVLT PAINT	OVLT PAINT
CLOSET	2ND	RUBBER	OVLT PAINT	OVLT PAINT
HALLWAY	2ND	RUBBER	OVLT PAINT	OVLT PAINT
BATH	2ND	OVLT	OVLT PT OF PLAS	OVLT PAINT
LIVING	2ND	RUBBER	OVLT PAINT	OVLT PAINT
BEDROOM	2ND	RUBBER	OVLT PAINT	OVLT PAINT

CONDENSED KEYNOTE LEGEND

1. NEW WOOD CABINETS
 2. NEW WOOD HANDRAILS & W. BRACKETS
 3. NEW WOOD PANEL FLOOR DOORS
 4. NEW WOOD DOOR HARDWARE
 5. NEW WOOD DOOR HARDWARE AS NOTED
 6. NEW WOOD DOOR HARDWARE AS NOTED
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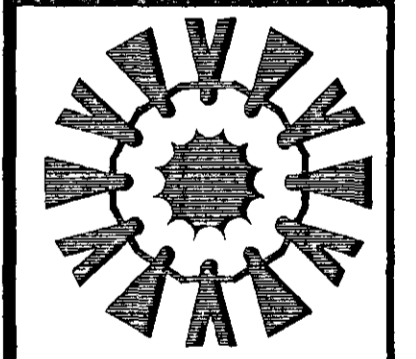
SEE SHEET A-30 FOR DOOR SCHEDULE

"NEW WORK" PLAN
TYPE "D"
SECOND/THIRD FLOORS

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

Williams, Russell and Johnson, Inc.
engineers, planners, architects
Nashville Branch: Suite 450
220 Athens Way
Nashville, Tennessee 37203
Telephone: 615/259-2170
DRAWN BY: C.P. CADD FILE NO.:
CHECKED BY: M.M. PLOT DATE:

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

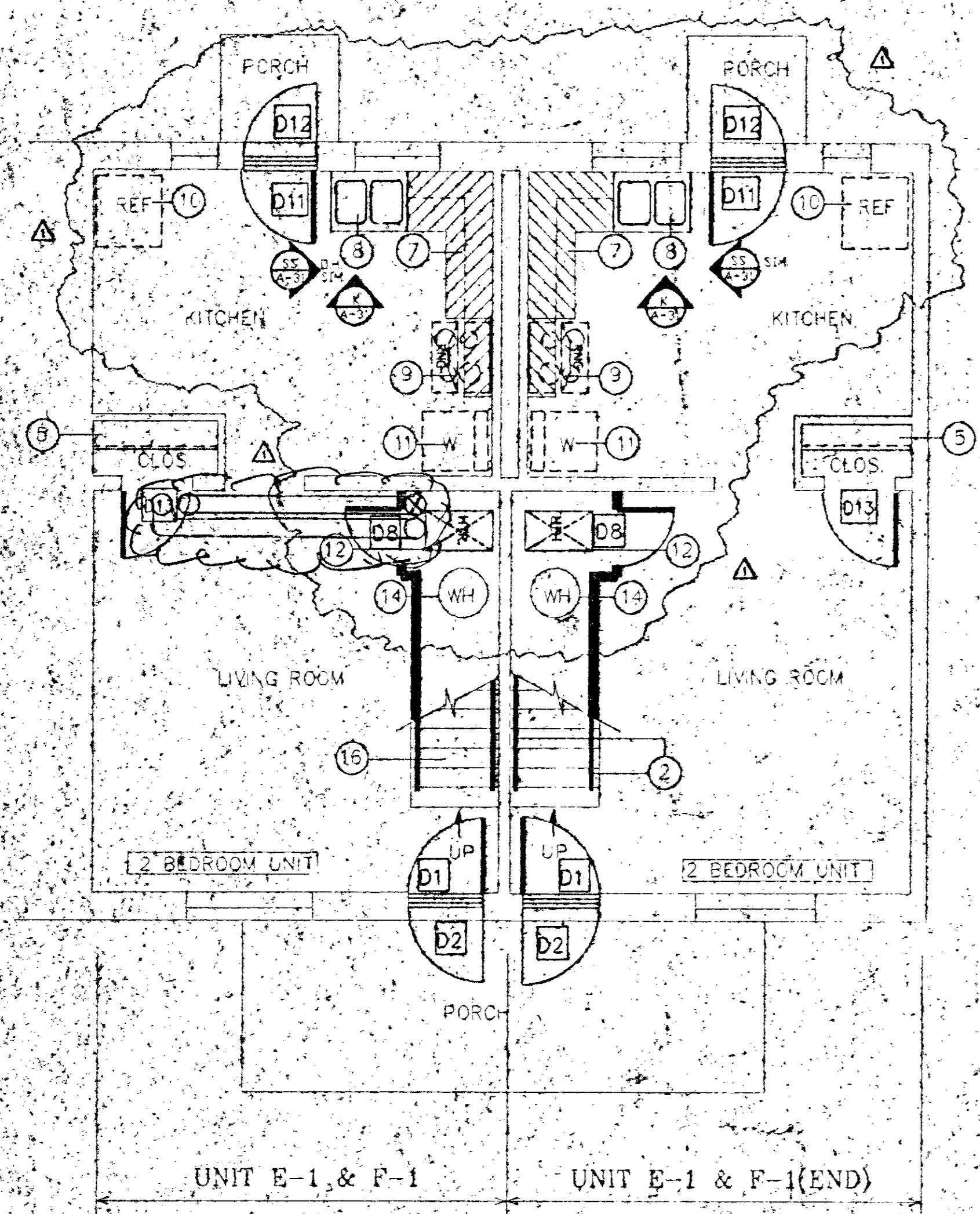


WR&J Project No.:
324-931-01
DATE: 8/3/93

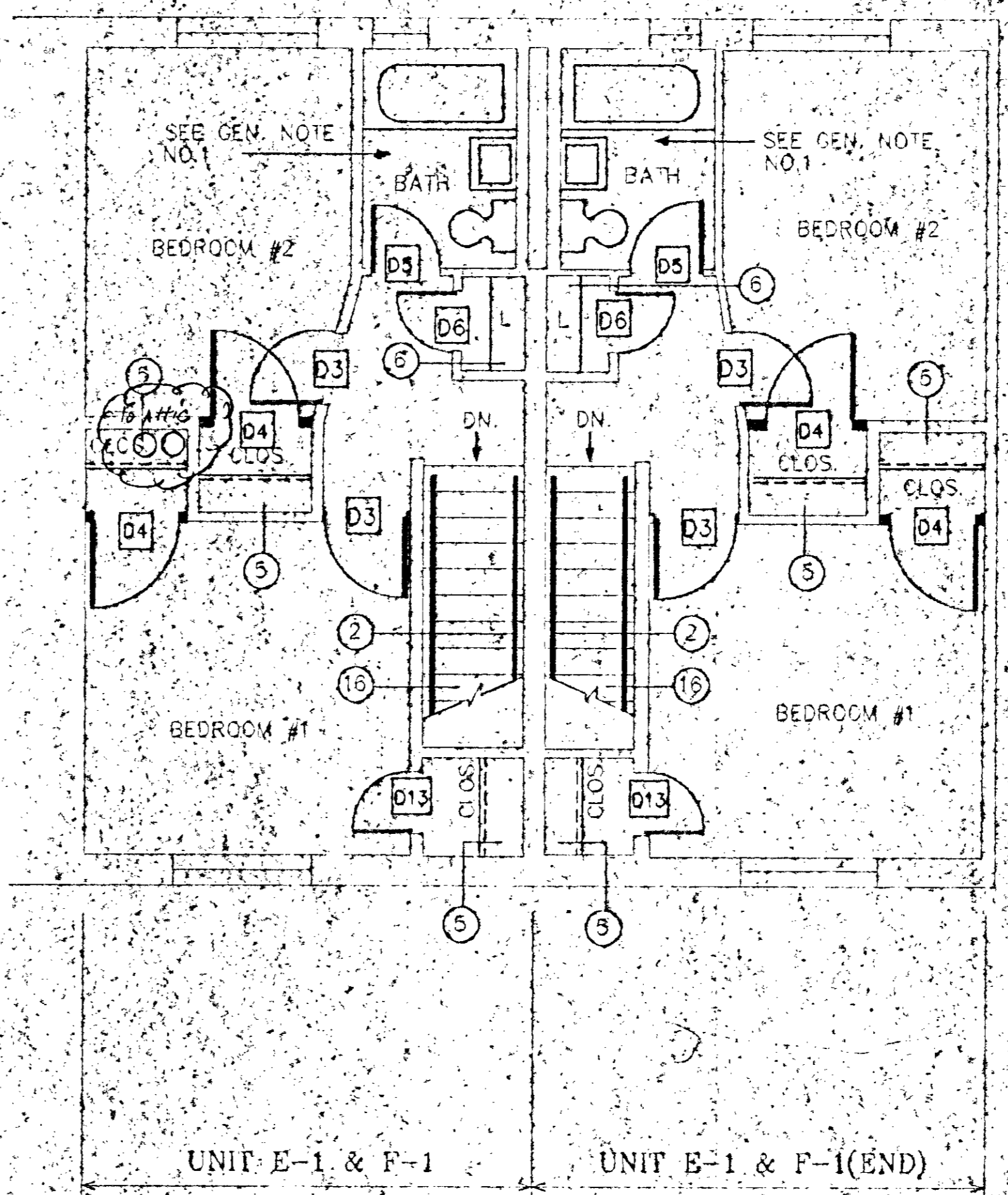
NO.	DATE	REVISION
1	1/25/94	HFR

SHEET NO.
A-20

As Built

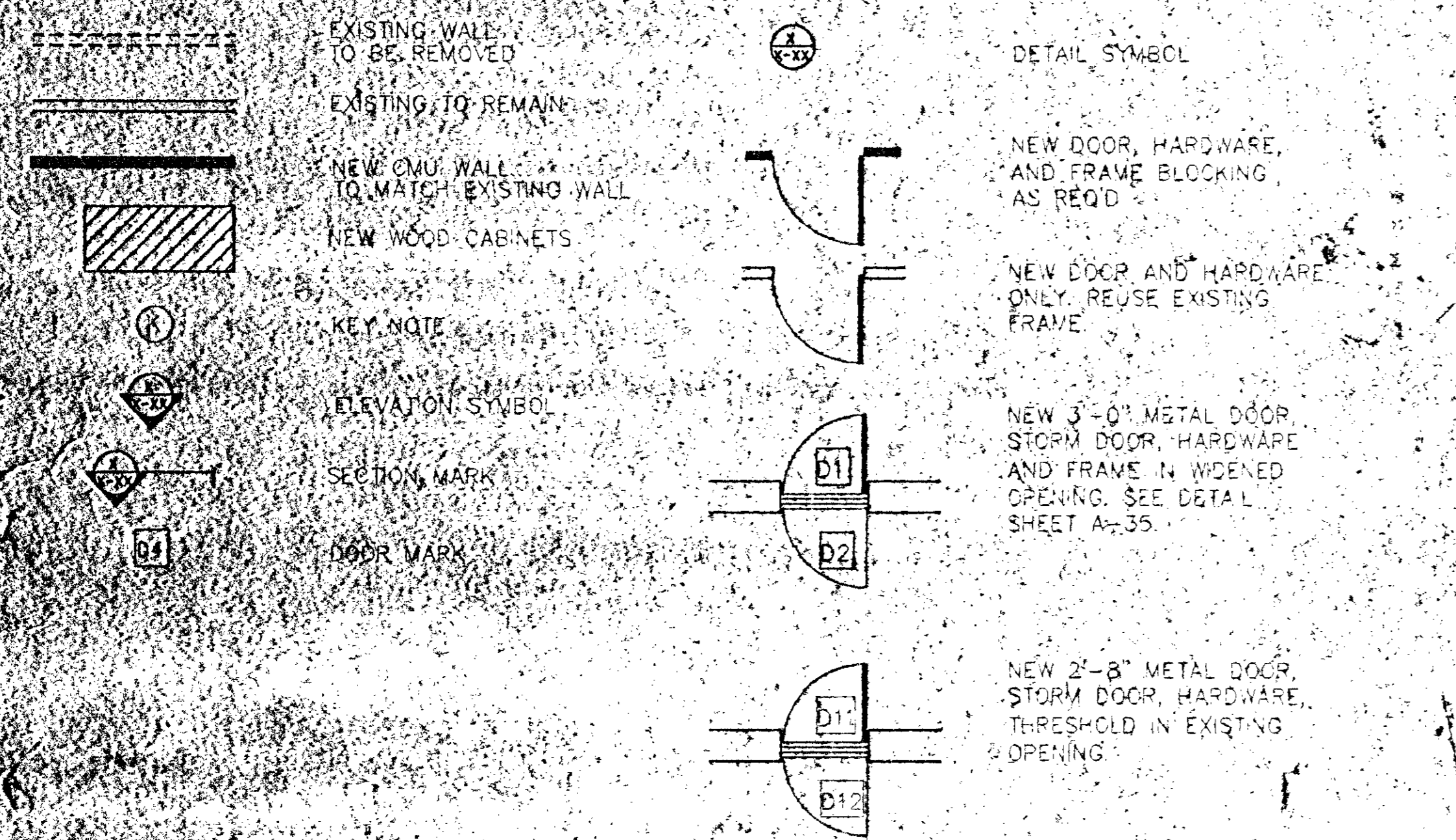


FIRST FLOOR PLAN (TYPE "E" & "F")



SECOND FLOOR PLAN (TYPE "E" & "F")

LEGEND



SEE SHEET A-32 FOR DOOR SCHEDULE

CONDENSED KEYNOTE LEGEND

- NOT USED
- NEW HARDW. HANDRAILS & W. BRACKETS
- NEW WOOD PANEL FLURR DOWNS
- NOT USED
- NEW WOOD SHELF/ROD AS REQUIRED
- NEW WOOD SHELVING AS REQUIRED
- NEW WOOD BASE AND WALL CABINETS
- NEW DOUBLE SINK
- NEW RANGE HOOD
- REFRIGERATOR (NOT IN CONTRACT)
- WASHING MACHINE (NOT IN CONTRACT)
- NEW HEATING UNIT
- NOT USED
- NEW WATER HEATER
- NEW MET. DR. W/RETURN AIR GRILL
- NEW VINYL STAIR TREAD
- HINGED METAL LOUVER

NOTE: FOR EXPANDED NEW WORK KEY NOTE SCHEDULE SEE SHEET A-1

FINISH SCHEDULE

SPACE NAME	FLOOR	BASE	WALL	CEILING
LIVING ROOM	VCT	RUBBER	CMU/PAINT	CMU/PAINT
KITCHEN	VCT	RUBBER	CMU/PAINT	CMU/PAINT
STORAGE	VCT	RUBBER	CMU/PAINT	CMU/PAINT
CLOSET	VCT	RUBBER	CMU/PAINT	CMU/PAINT
HTR/W. HTR	VCT	RUBBER	CMU/PAINT	CMU/PAINT
BATH	C.T.	C.T.	CMU/PT/C.T./PLAS	CMU/PAINT
LINEN	VCT	RUBBER	CMU/PAINT	CMU/PAINT
BEDROOM	VCT	RUBBER	CMU/PAINT	CMU/PAINT

12" OFF FLOOR
12" OFF CIG.

"NEW WORK" PLAN
TYPE "E" & "F"
FIRST/SECOND FLOORS

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

Combustion Air Ac Build

Williams, Russell and Johnson, Inc.
Nashville Branch, Suite 400
220 Adams Way
Nashville, Tennessee 37203
Telephone 615/258-2170

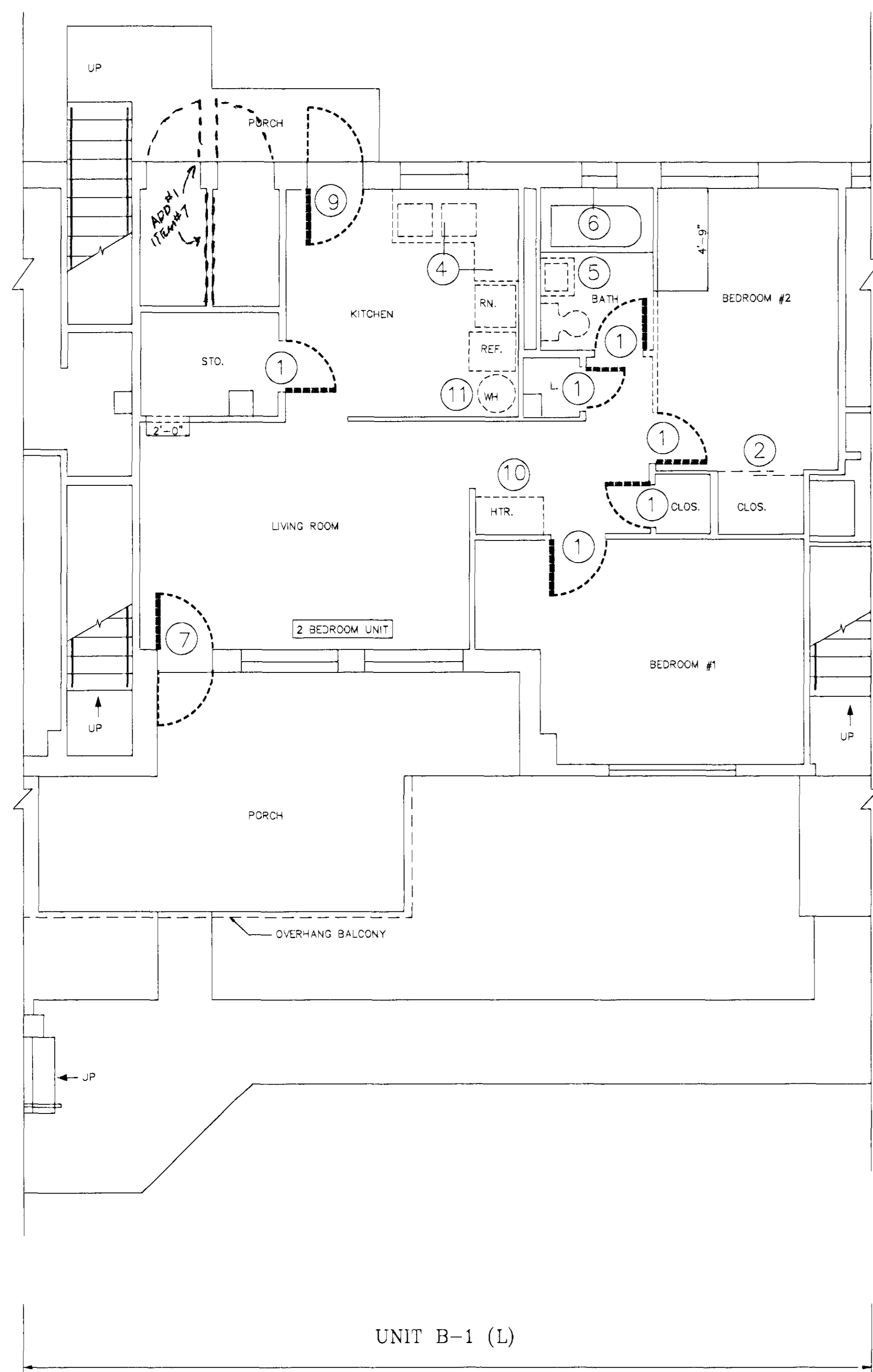
TONY SUDEKUM HOME RENOVATION
INOC5-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

WR&J Project No.: 324-931-01
DATE: 8/3/93

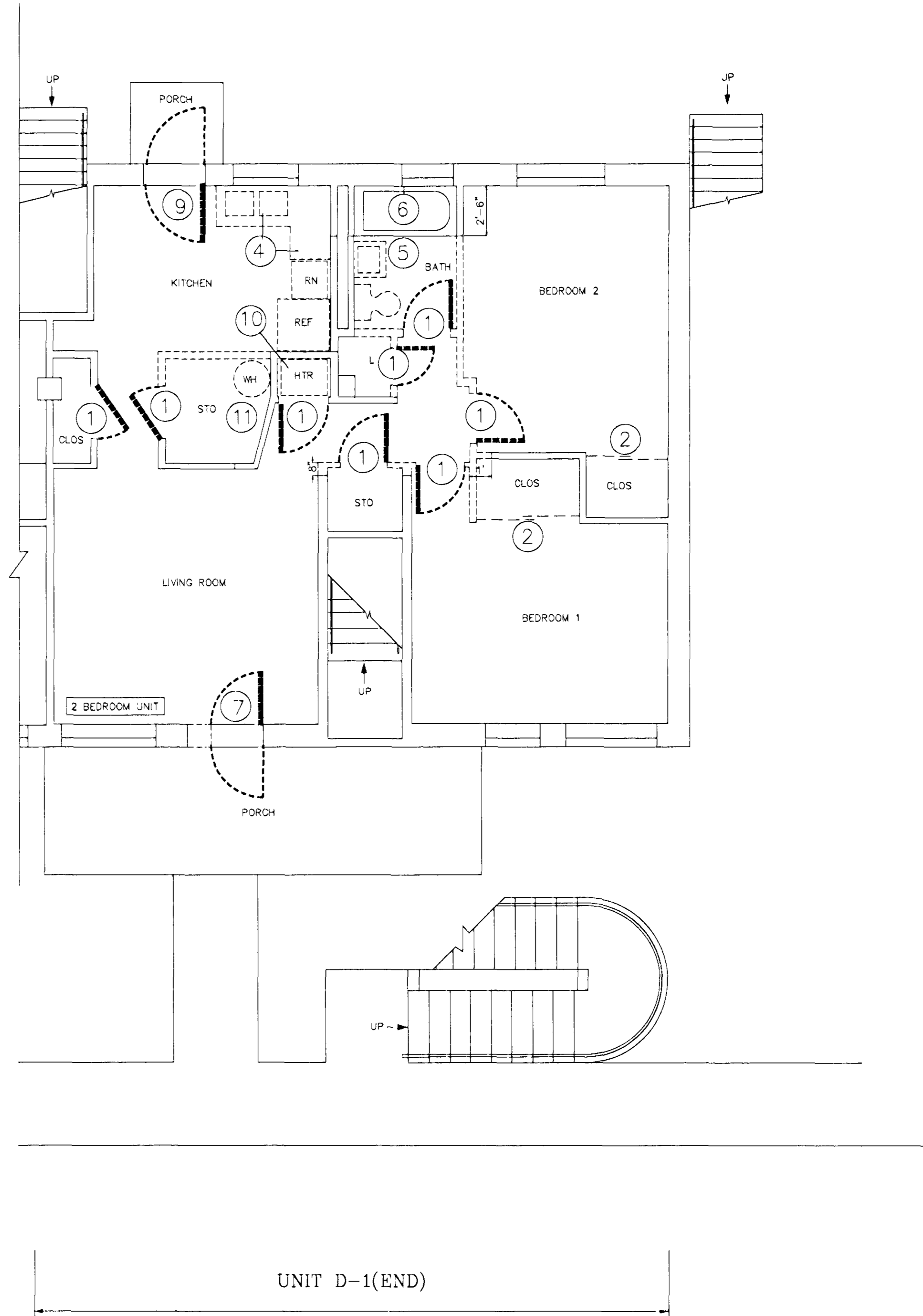
NO. DATE REVISION
1/22/94 HFR

SHEET NO. 1
A-21

DRAWN BY: CADD FILE NO.:
CHECKED BY: PLOT DATE:



UNIT B-1 (L)
FIRST FLOOR PLAN (TYPE "B")

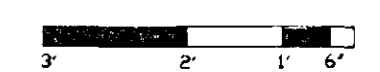


UNIT D-1 (END)
FIRST FLOOR PLAN (TYPE "D")

SEE SHEET A-1 FOR "DEMOLITION"
GENERAL NOTES AND KEYNOTES.

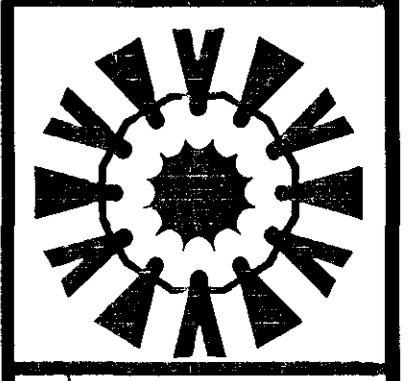
HANDICAPPED DEMOLITION PLAN
BUILDING TYPES "B" AND "D"
FIRST FLOOR

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



williams - russell and johnson, inc.
engineers - planners - architects
Nashville Branch, Suite 450
200 North Main Street
Nashville, Tennessee 37208
Telephone 615/254-2170
DRAWN BY: _____ CHECKED BY: _____
CADD FILE NO.: _____ PLOT DATE: _____

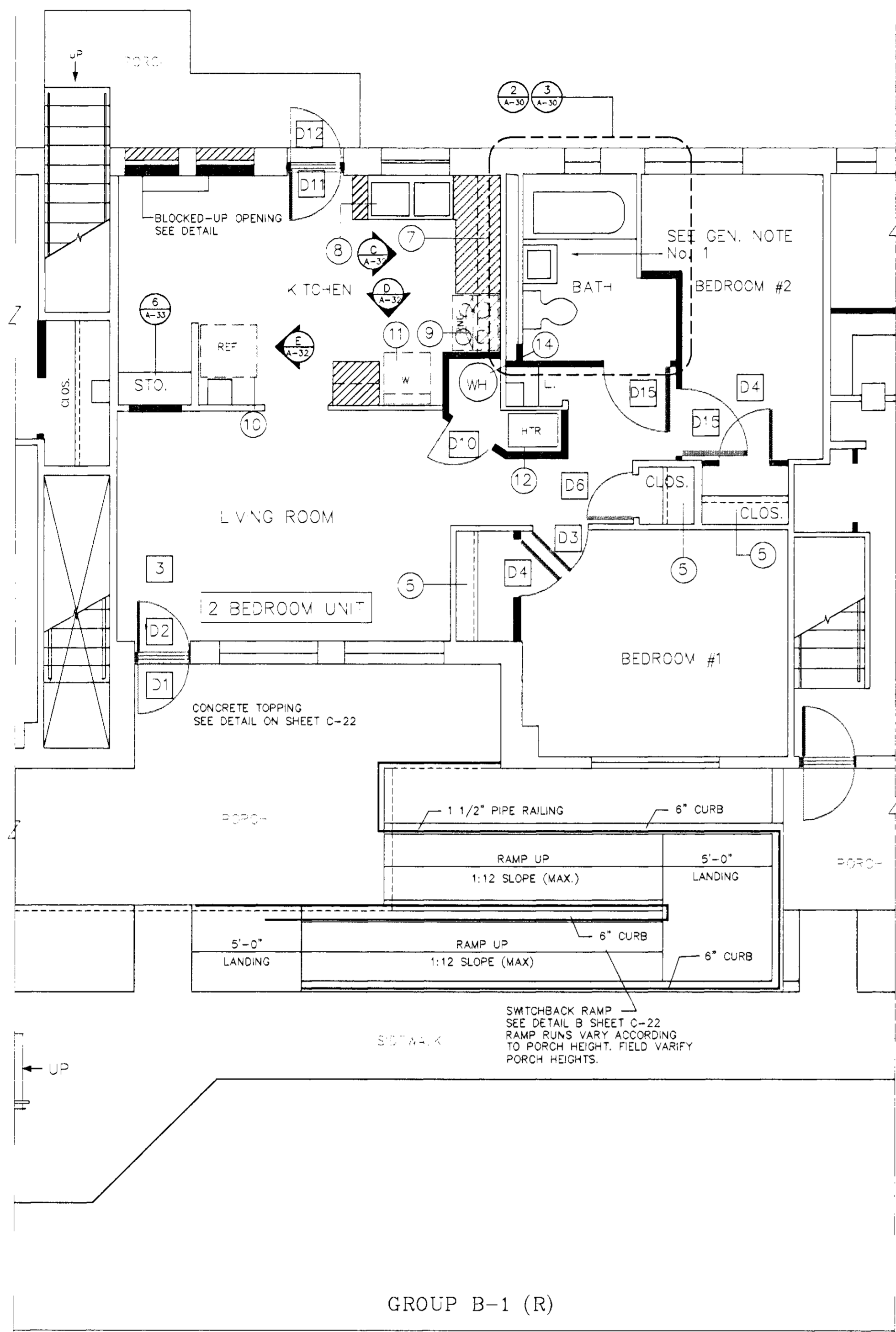
TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



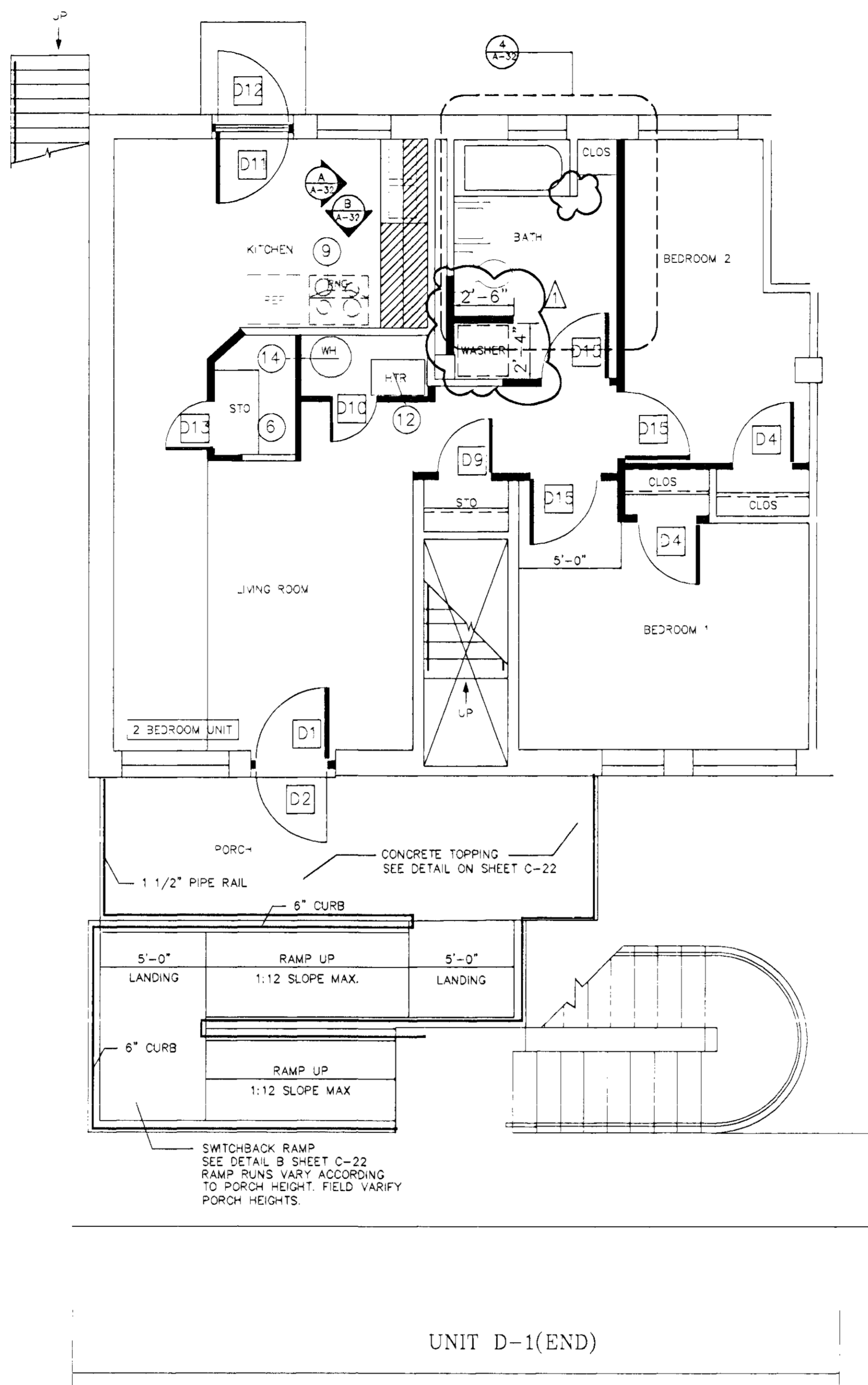
WR&J Project No.: 324-931-01
DATE: 8/3/93

NO.	DATE	REVISION

SHEET NO.
A-22



FIRST FLOOR PLAN (TYPE "B")



FIRST FLOOR PLAN (TYPE "D")

HC UNITS SCHEDULE			
TYPE B W/BATHTUB	TYPE B W/SHOWER	TYPE D W/BATHTUB	TYPE D W/SHOWER
89	82	20	18
96	97	22	24
*52	130		
*80	158		
200	222		

GENERAL NOTES:
 ① MOUNTING HEIGHTS OF ELECTRICAL OUTLETS AND SWITCHES SHALL MATCH EXISTING PROVIDED THAT THEY ARE NOT ABOVE 48" A.F.F. AND NOT BELOW 9" A.F.F. LOWER MAIL BOXES WITH TOP OF BOX AT 42" A.F.F.

LEGEND

- ===== EXISTING WALL TO BE REMOVED
- ==== EXISTING TO REMAIN
- NEW 4" CMU WALL
- ▨ NEW WOOD CABINETS
- (K) KEY NOTE
- ⊙ ELEVATION SYMBOL
- ⊙ SECTION MARK
- D4 DOOR MARK
- ⊙ DETAIL SYMBOL
- NEW DOOR, HARDWARE, AND FRAME BLOCKING AS REQ'D
- NEW DOOR AND HARDWARE ONLY. REUSE EXISTING FRAME.
- NEW 3'-0" METAL DOOR, STORM DOOR, HARDWARE AND FRAME IN WIDENED OPENING. SEE DETAIL SHEET A-35.
- NEW 2'-0" METAL DOOR, STORM DOOR, HARDWARE AND THRESHOLD

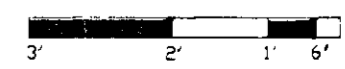
SEE SHEET A-1 FOR GENERAL AND KEY NOTES

CONDENSED KEY NOTE	LEGEND
1. NEW WOOD CABINETS	▨
2. NEW 4" CMU WALL	—
3. NEW DOOR, HARDWARE, AND FRAME BLOCKING AS REQ'D	(Symbol)
4. NEW DOOR AND HARDWARE ONLY. REUSE EXISTING FRAME.	(Symbol)
5. NEW 3'-0" METAL DOOR, STORM DOOR, HARDWARE AND FRAME IN WIDENED OPENING. SEE DETAIL SHEET A-35.	(Symbol)
6. NEW 2'-0" METAL DOOR, STORM DOOR, HARDWARE AND THRESHOLD	(Symbol)

NOTE: FOR EXPANDED NEW WORK KEY NOTE SCHEDULE SEE SHEET A-1

NEW WORK HANDICAPPED UNITS BUILDING TYPES "B" AND "D"

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



As Built

Williams - Russell and Johnson, Inc.
 Nashville Branch - Suite 450
 220 Adams Way
 Nashville, Tennessee, 37208
 Telephone 615/254-2170

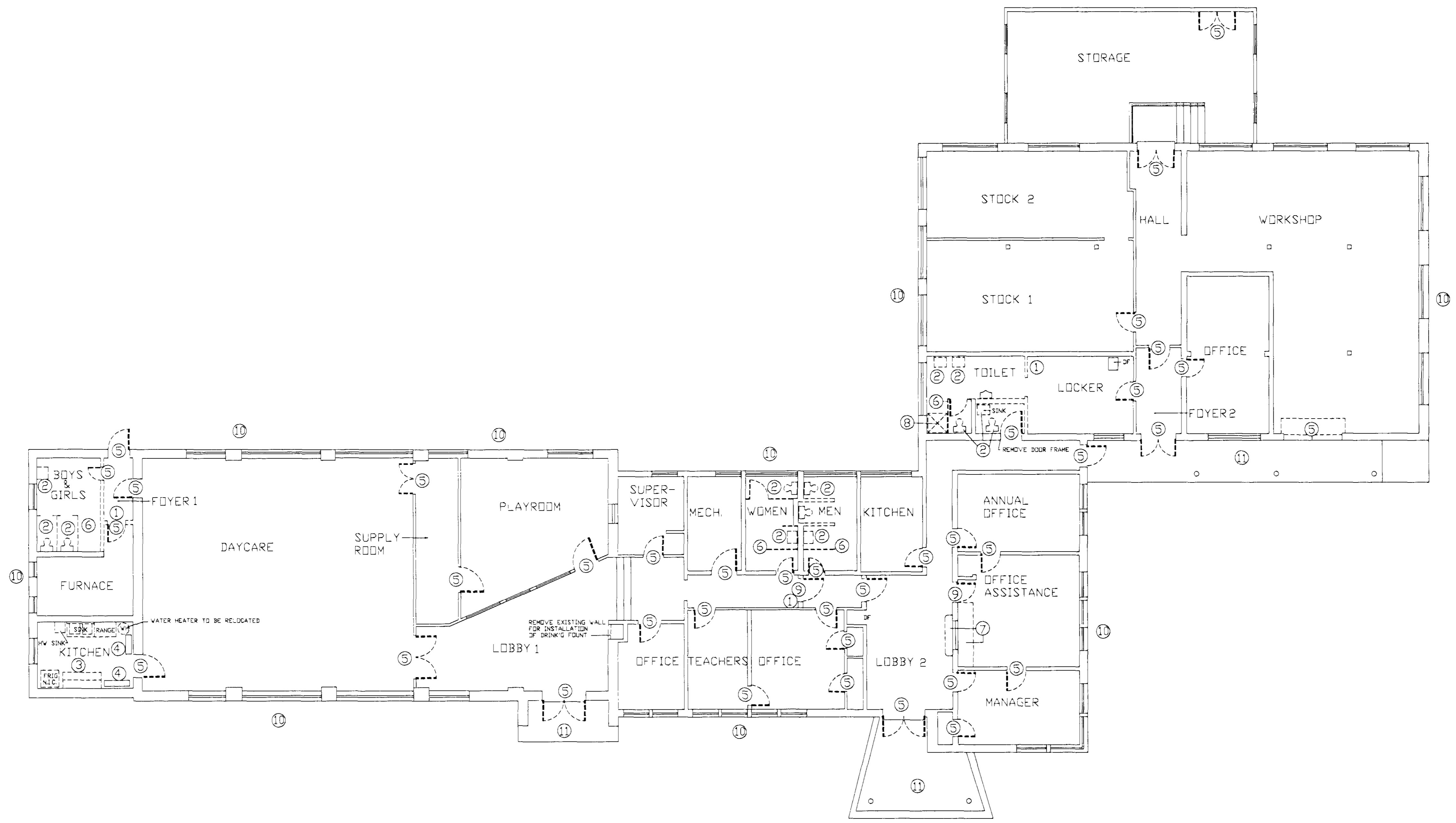
TONY SUDEKUM HOME RENOVATION
 TN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE

WR&J Project No.: 32493101
 DATE: 8/3/93

NO.	DATE	REVISION
1	9/28/93	

CADD FILE NO.:
 CHECKED BY:
 PLOT DATE:

SHEET NO
A-23



DEMOLITION GENERAL NOTES

1. CONTRACTOR TO FIELD-VERIFY ALL DIMENSIONS. DO NOT SCALE DRAWINGS. IF DISCREPANCIES ARE NOTED, CONTRACTOR SHALL NOTIFY ARCHITECT BEFORE PROCEEDING WITH WORK.
2. REFER TO LEAD BASED PAINT ABATEMENT SHEETS FOR ABATEMENT REQUIREMENTS BEFORE BEGINNING SELECTIVE DEMOLITION ON THIS SHEET.
3. SEE PLUMBING SHEETS FOR PLUMBING DEMOLITION REQUIREMENTS.
4. SEE ELECTRICAL SHEETS FOR ELECTRICAL DEMOLITION REQUIREMENTS.
5. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS REGARDING HAZARDOUS MATERIALS, THEN IDENTIFICATION, REMOVAL, AND DISPOSAL.
6. CONTRACTOR TO REMOVE ALL EXISTING INTERIOR DOORS AND CORRESPONDING HARDWARE. EXISTING HINGES & H.M. FRAMES SHALL REMAIN AND BE REUSED. REPAIR DAMAGED FRAMES AS REQUIRED.
7. REMOVE EXISTING CEILING TILES AND LIGHT FIXTURES.

DEMOLITION KEYNOTES

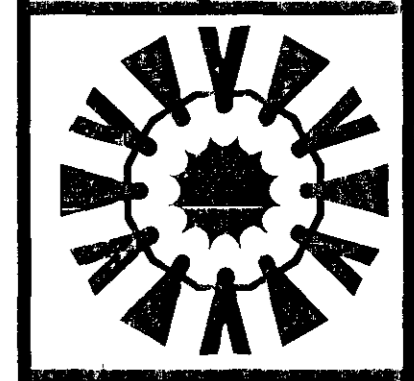
- ① REMOVE EXISTING BLOCK WALL SEGMENTS.
- ② REMOVE EXISTING BATHROOM FIXTURES.
- ③ REMOVE ENTIRE LENGTH OF EXISTING BASE AND OVERHEAD CABINETS.
- ④ REMOVE EXISTING SHELVING UNIT.
- ⑤ REMOVE EXISTING DOOR, AND HARDWARE.
- ⑥ REMOVE METAL PARTITION AND SUPPORTS.
- ⑦ REMOVE EXISTING COUNTER, DRAWERS AND MOLDINGS.
- ⑧ REMOVE EXISTING SHOWER STALL.
- ⑨ REMOVE EXISTING, DOOR, HARDWARE AND FRAME.
- ⑩ REMOVE EXISTING FASCIA AND SOFFIT.
- ⑪ REMOVE EXISTING SOFFIT. SEE LBP DRAWING FOR REMOVAL INSTRUCTIONS.

**ADMINISTRATION BUILDING
DEMOLITION FLOOR PLAN**

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

Williams + Russell and Johnson, Inc.
 engineers, planners, & architects
 4000 Poplar Ave., Suite 610
 Nashville, Tennessee 37219
 Telephone 615/258-2170
 DRAWN BY: RY/MD CADD FILE NO.:
 CHECKED BY: MM PLOT DATE:

TONY SUDEKUM HOME RENOVATION
 TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



WR&J Project No.:
324-931-01
DATE: 8/3/93

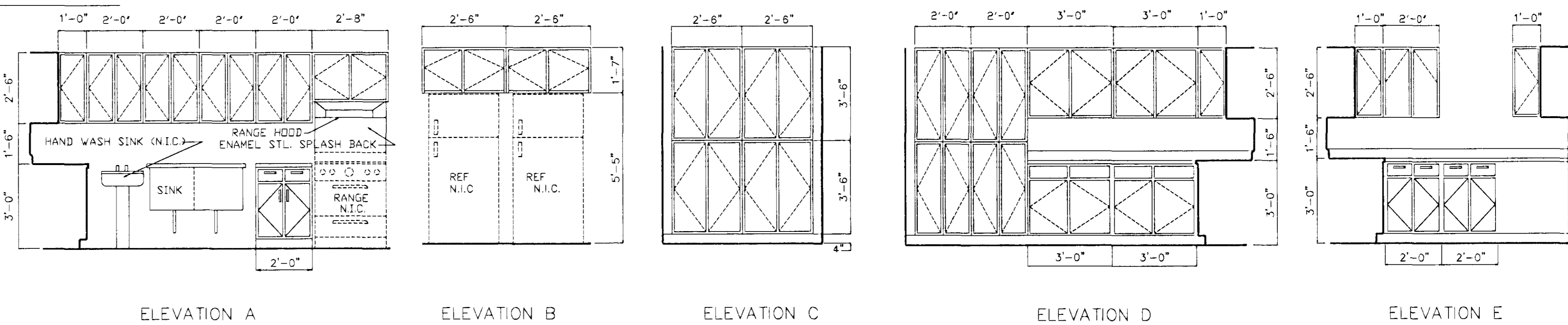
NO.	DATE	REVISION

SHEET NO.

A-24

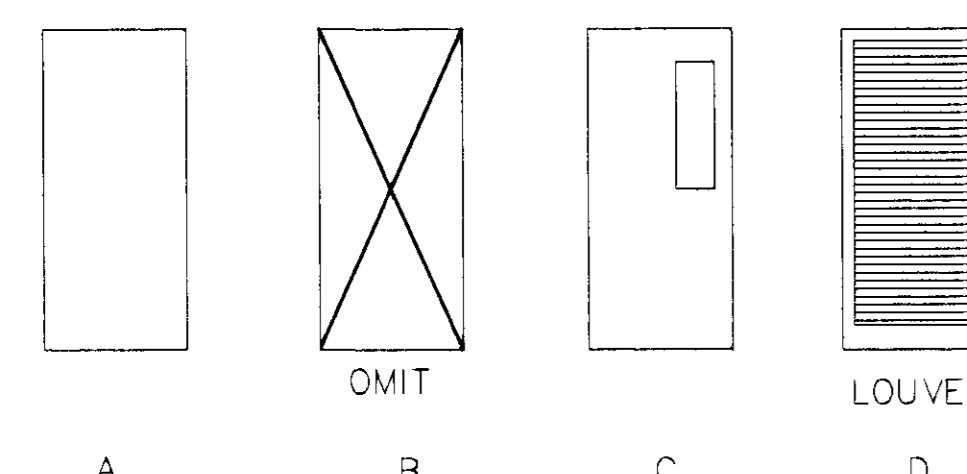
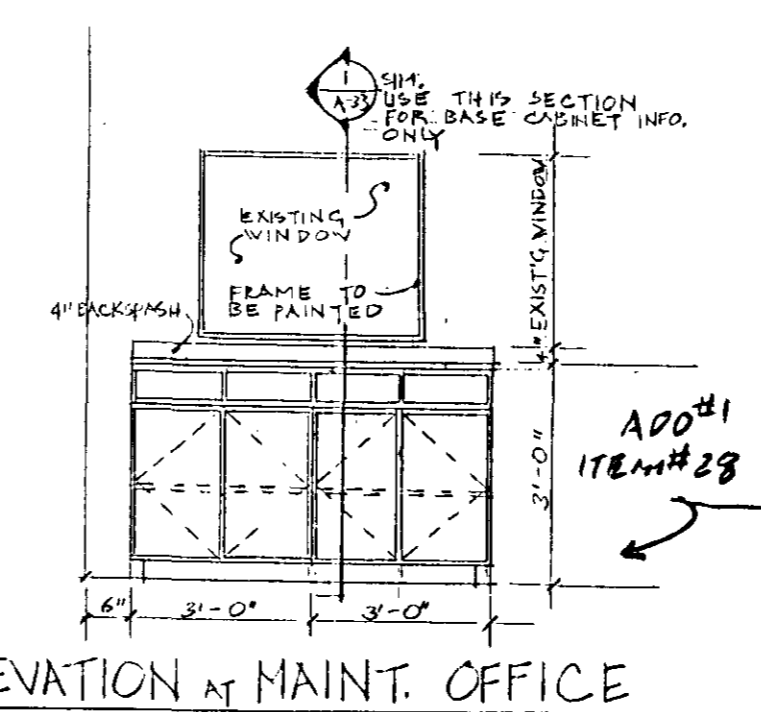
DOOR SCHEDULE ADMINISTRATIVE BUILDING

SYM.	TYPE	SIZE			MATL.	FINISH	FRAME		HWDR SET	REMARKS
		WIDTH	HEIGHT	THICK.			TYPE	MATL.		
D1	A	2X3'-0"	6'-8"	3/4"	N.MTL	PAINT	EXIST'G	EXIST'G	1A	
D2	A	2X3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D3	C	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D4	D	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D5	C	3'-0"	6'-8"	3/8"	WOOD	PAINT	1	MTL	9A	
D6	C	3'-0"	6'-8"	3/8"	WOOD	PAINT	1	MTL	9A	
D7	A	3'-0"	6'-8"	3/4"	WOOD	PAINT	EXIST'G	EXIST'G	7A	
D8	A	3'-0"	6'-8"	3/8"	N.MTL	PAINT	EXIST'G	EXIST'G	2A	
D9	C	2X2'-0"	6'-8"	3/8"	WOOD	PAINT	WOOD	MTL	8A	
D10	C	3'-0"	6'-8"	3/8"	WOOD	PAINT	WOOD	MTL	8A	
D11	C	3'-0"	6'-8"	3/8"	WOOD	PAINT	WOOD	MTL	8A	
D12	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D12A	A	2'-6"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	12A	
D13	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	12A	
D13A	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D14	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	1	MTL	9A	
D15	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	1	MTL	9A	
D16	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	1	MTL	8A	
D17	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	12A	
D18	A	3'-0"	6'-8"	3/4"	N.MTL	PAINT	EXIST'G	EXIST'G	2A	
D19	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	11A	
D20	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	11A	
D21	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D22	A	2X2'-6"	6'-8"	3/4"	N.MTL	PAINT	EXIST'G	EXIST'G	4A	
D23	A	2X3'-0"	6'-8"	3/4"	N.MTL	PAINT	EXIST'G	EXIST'G	3A	
D24	A	2'-8"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	7A	
D25	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D26	A	2X2'-6"	6'-8"	3/8"	N.MTL	PAINT	EXIST'G	EXIST'G	1A	
D27	A	2'-8"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D28	A	2'-8"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D29	A	2'-8"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D30	A	2'-8"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	10A	
D31	A	2'-6"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D32	A	2X2'-8"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	1A	
D33	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	7A	
D34	A	2'-6"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	10A	
D35	A	2'-6"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	10A	
D36	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D37	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D38	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	7A	
D39	A	3'-0"	6'-8"	3/8"	WOOD	PAINT	EXIST'G	EXIST'G	8A	
D40	A	2X2'-0"	6'-8"	3/8"	WOOD	PAINT	2	MTL	5A	

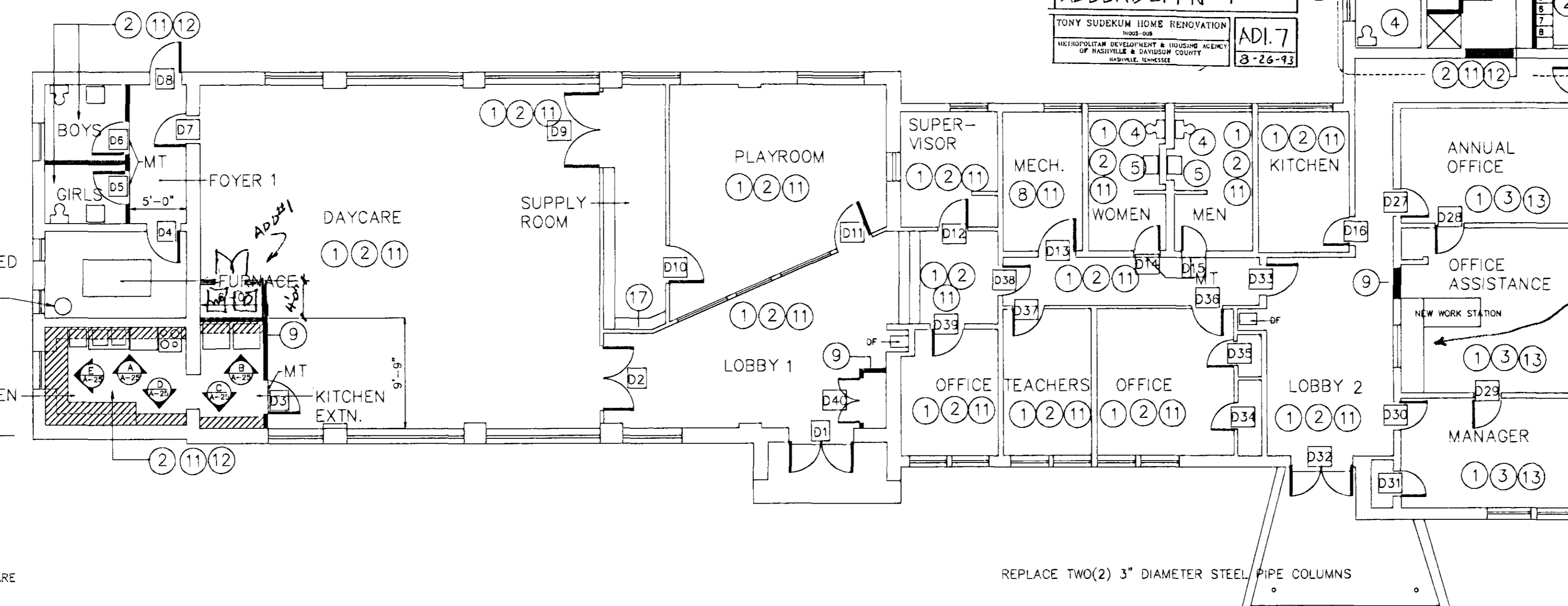
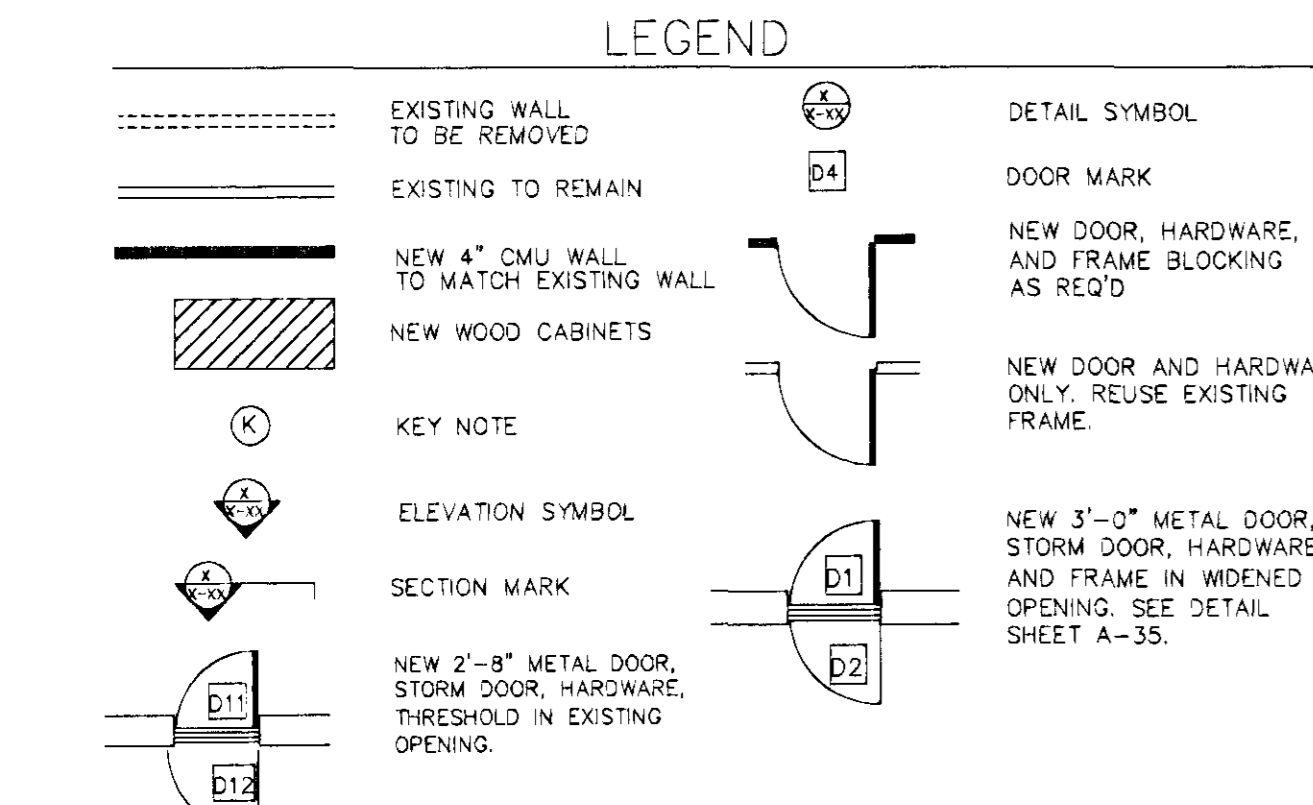


INTERIOR ELEVATION
SCALE: 3/8"=1'-0"

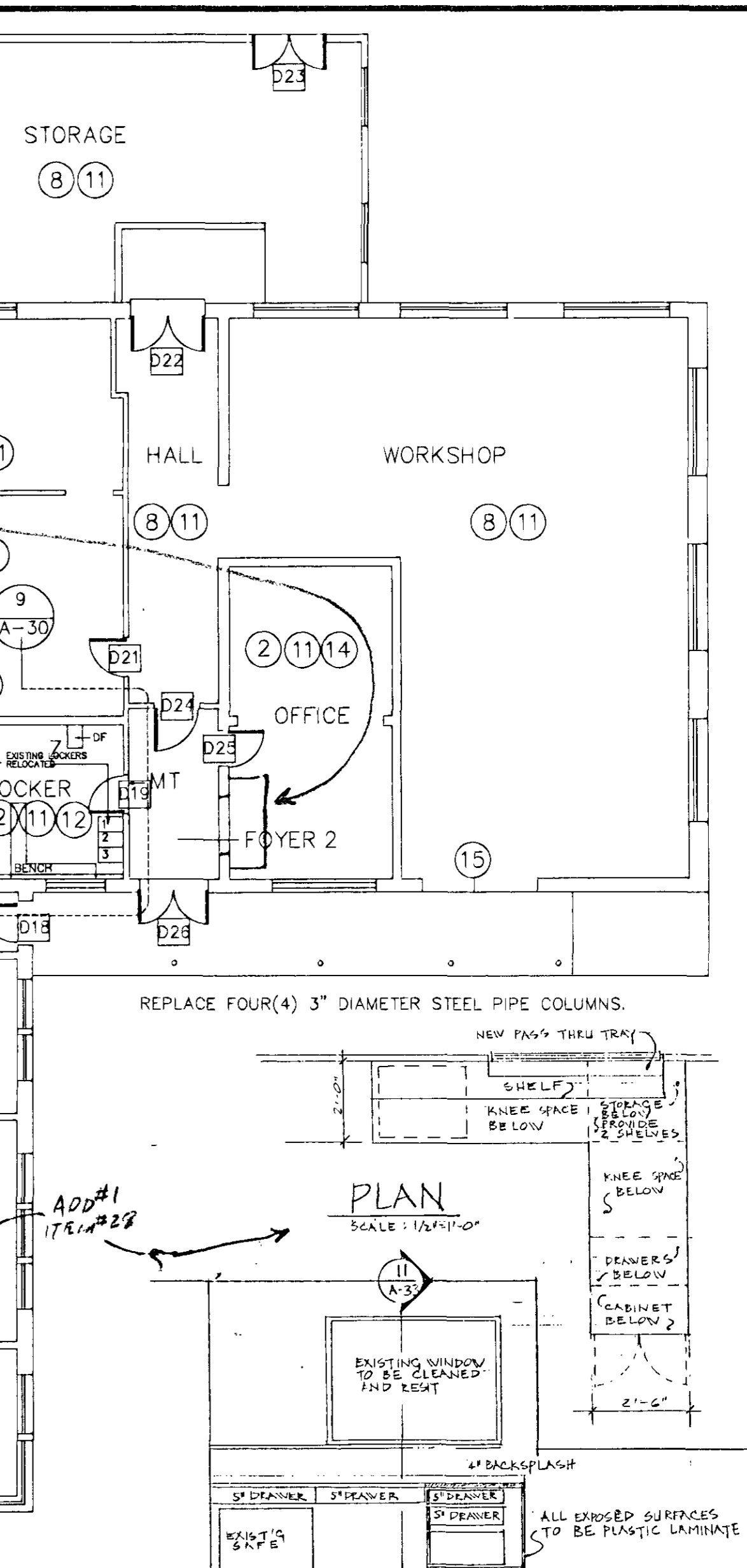
- KEY NOTES
- INSTALL NEW VINYL COMP. TILE W/RUBBER BASE OVER EXIST'G FLR FINISH.
 - INSTALL NEW ACOUSTICAL CEILING TILE SYSTEM.
 - INSTALL NEW ACOUSTICAL TILE IN EXISTING CEILING GRID.
 - INSTALL NEW HANDICAPPED TOILET FIXTURE.
 - INSTALL NEW HANDICAPPED SINK.
 - INSTALL NEW CASEWORK.
 - NOT USED
 - CLEAN AND RESEAL FLOORS.
 - INSTALL NEW METAL STUD/GYPSUM WALLBOARD WALLS.
 - INSTALL NEW ELECTRICAL PANEL. SEE ELECTRICAL PLANS.
 - PAINT WALLS.
 - INSTALL CERAMIC TILE.
 - INSTALL NEW CARPET.
 - INSTALL NEW VINYL COMPOSITION TILE W/RUBER BASE
 - INSTALL NEW OVERHEAD CEILING DOOR.
 - INSTALL NEW PLASTIC LAMINATED PANEL.
 - INSTALL NEW SHELVING.



DOOR TYPES



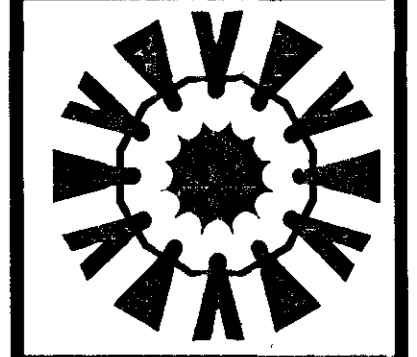
NEW WORK FLOOR PLAN
SCALE: 1/8"=1'-0"



ELEVATION WORKSTATION-
NEW WORK PLAN
ADMINISTRATION BUILDING
AND INTERIOR ELEVATIONS
SCALE: AS NOTED

williams + russell and johnson, inc.
Nashville Branch, Suite 450
1000 17th Avenue North
Nashville, Tennessee 37208
Telephone 615/254-2170

TONY SUDEKUM HOME RENOVATION
IN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



WR&J Project No.:
324-931-01
DATE: 8/3/93

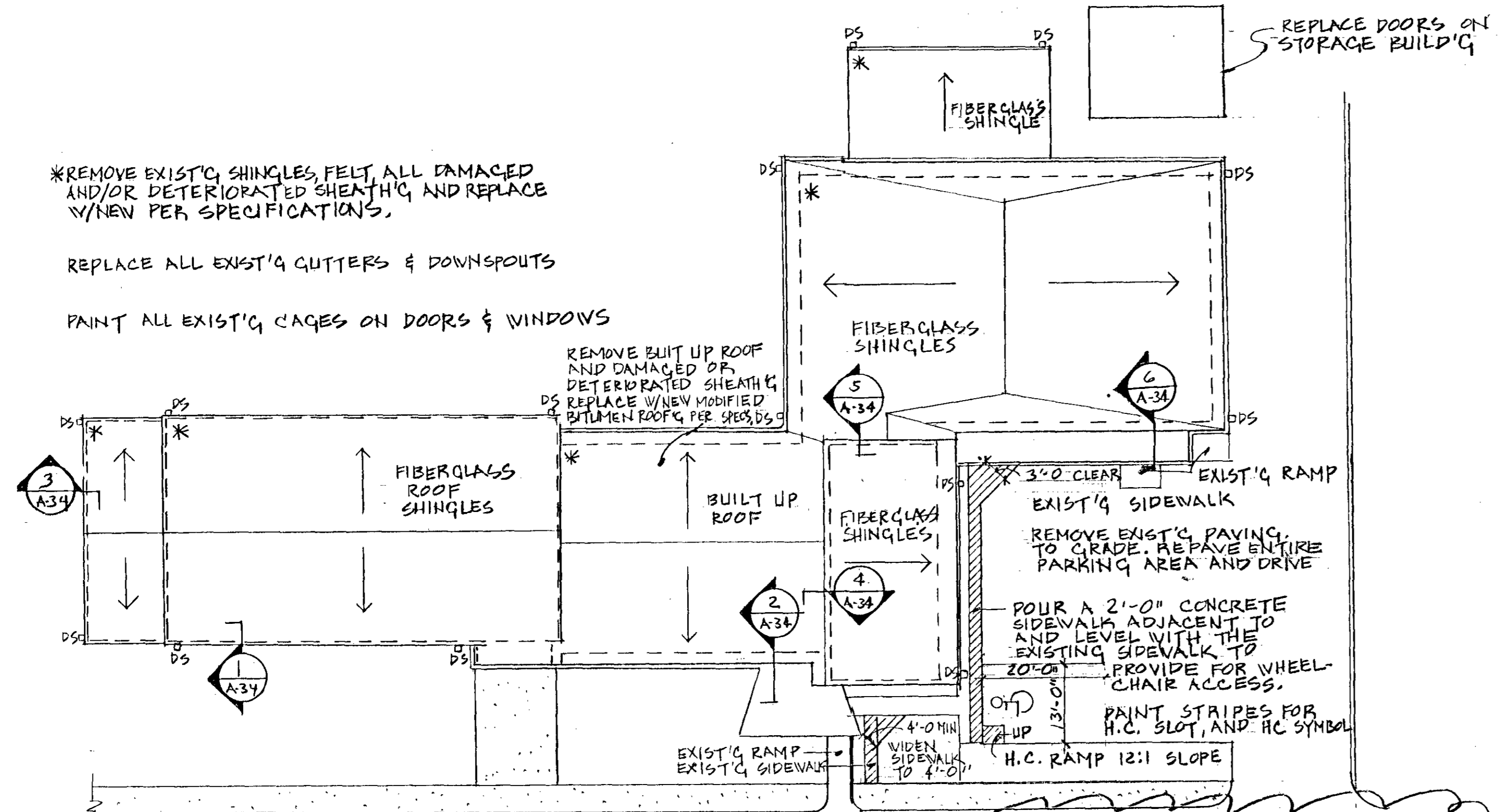
NO.	DATE	REVISION

SHEET NO.
A-25

*REMOVE EXIST'G SHINGLES, FELT, ALL DAMAGED AND/OR DETERIORATED SHEATH'G, AND REPLACE W/NEW PER SPECIFICATIONS.

REPLACE ALL EXIST'G GUTTERS & DOWNSPOUTS

PAINT ALL EXIST'G CASQUES ON DOORS & WINDOWS



ROOF/SITE PLAN
SCALE: 1/16" = 1'-0"

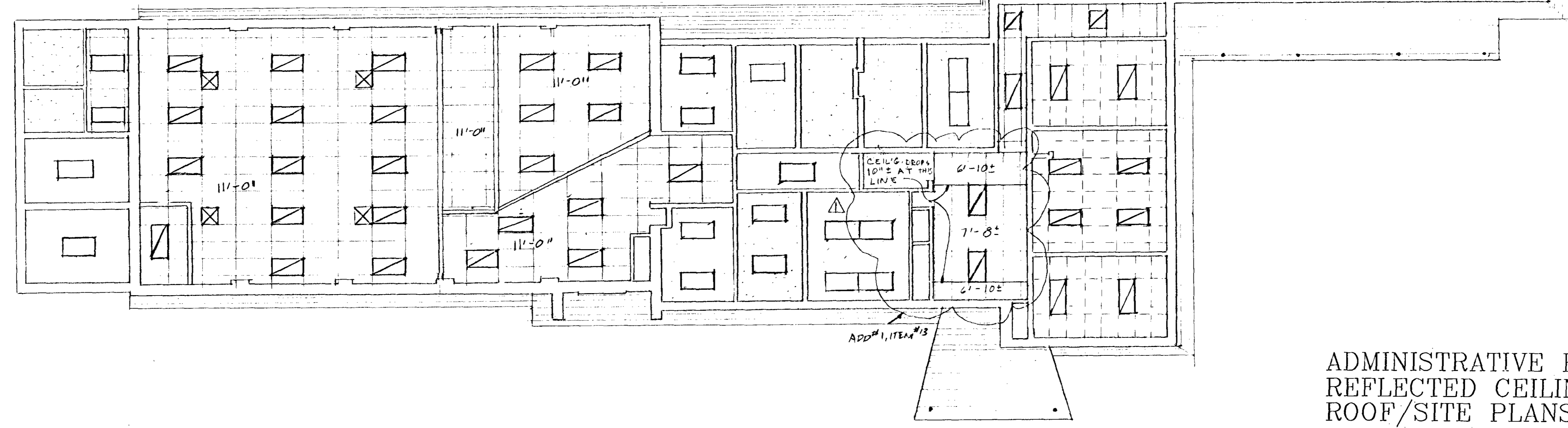
ADD #1, ITEM #14
DELETE ALL REFERENCES MADE TO REMOVAL OF EXISTING ROOF AND INSTALLATION OF NEW ROOF, VINYL TRIM AND VINYL SOFFIT

LEGEND

- NEW SUSPENDED TILE GRID SYSTEM
- EXIST'G SUSPENDED TILE SYSTEM TO REMAIN
- NEW 2x4 FLUORESCENT LIGHT FIXTURE
- NEW 2x2 FLUORESCENT LIGHT FIXTURE
- NEW 2x4 SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
- EXISTING CEILING TO BE PATCHED & PAINTED
- NEW VINYL SOFFIT

NOTE: HEIGHTS FOR SUSPENDED CEIL'GS NOTED ON PLAN

ADD #1, ITEM #1
REFER TO LIGHTING LAYOUT ON SHEET E-1 FOR CORRECT LAYOUT



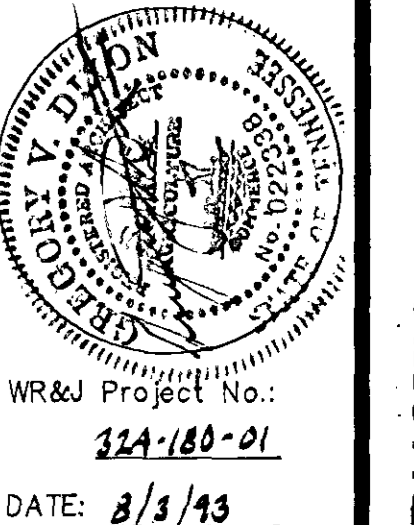
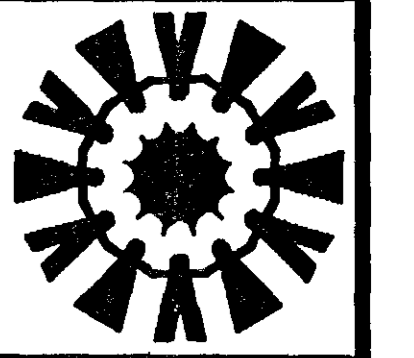
REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

ADMINISTRATIVE BLDG.
REFLECTED CEILING
ROOF/SITE PLANS AND DETAILS

williams · russell and johnson, inc.
engineers · planners · architects
Nashville Branch · Suite 1815
400 James Robertson Parkway
Nashville, Tennessee 37203
Telephone 615/254-2170

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CHECKED BY: GVD PLOT DATE:

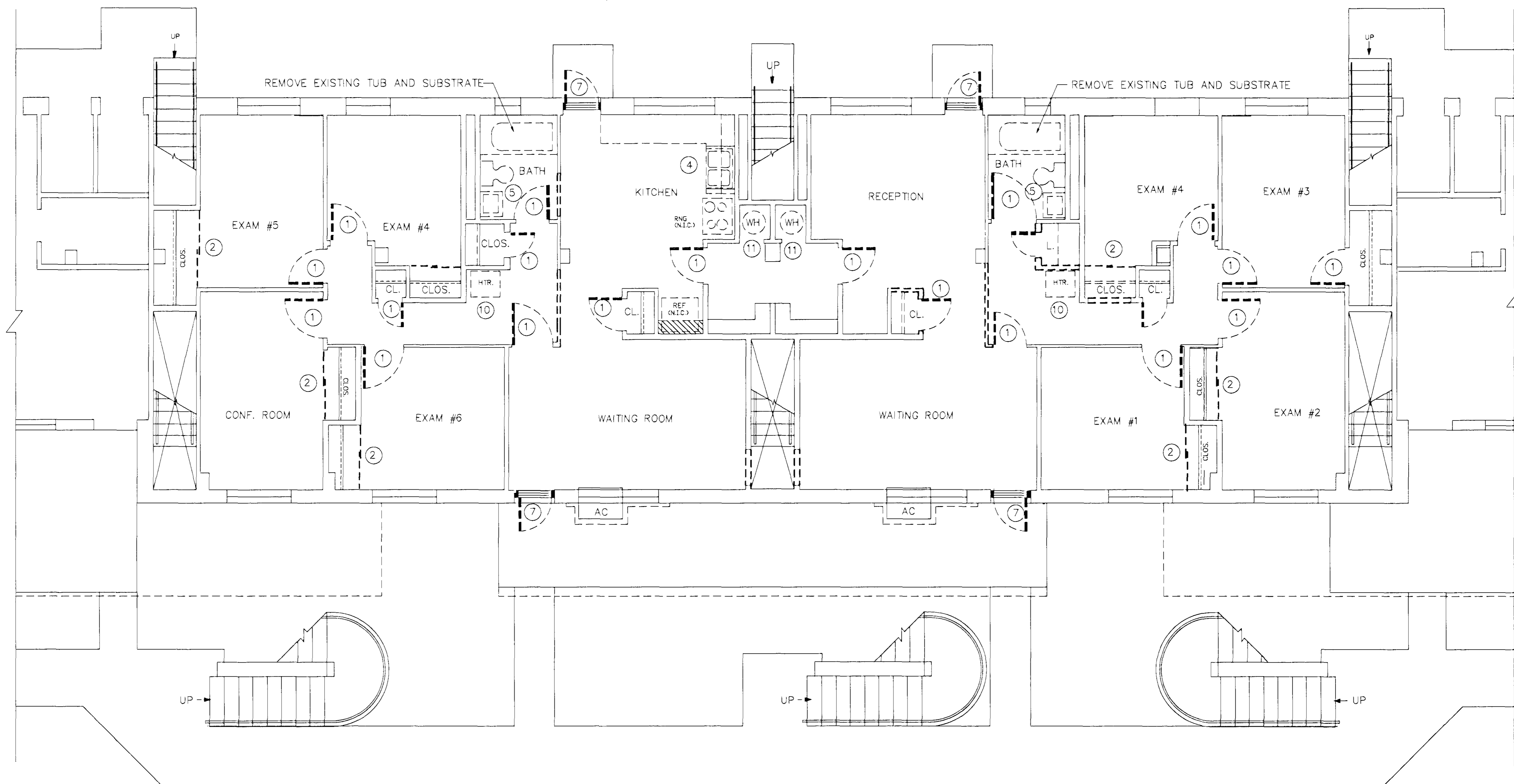
TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



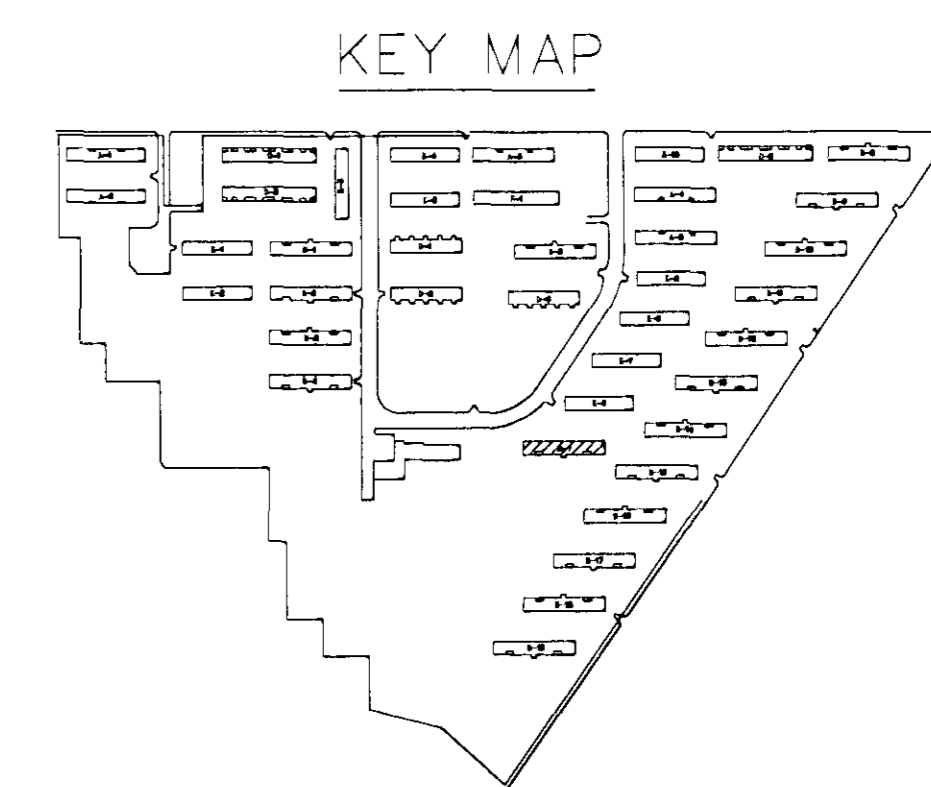
NO.	DATE	REVISION
1	8-24-93	CHANGE IN CELL 2, 3

SHEET NO.
A-26

NOT RELEASED FOR CONSTRUCTION

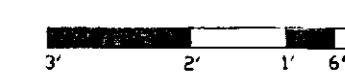


CLINIC PLAN (DEMOLITION)



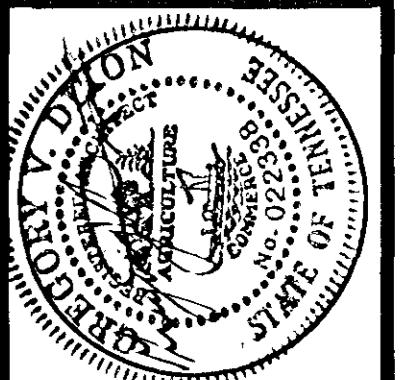
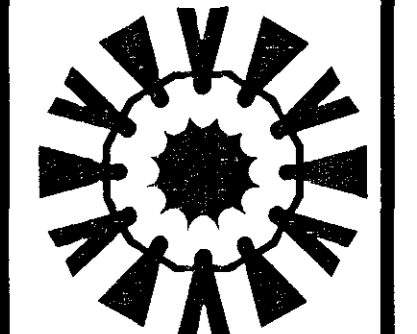
DEMOLITION PLAN
CLINIC OFFICES

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



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engineers • planners • architects
Nashville Branch - Suite 450
Nashville, Tennessee 37208
Telephone 615/254-2176
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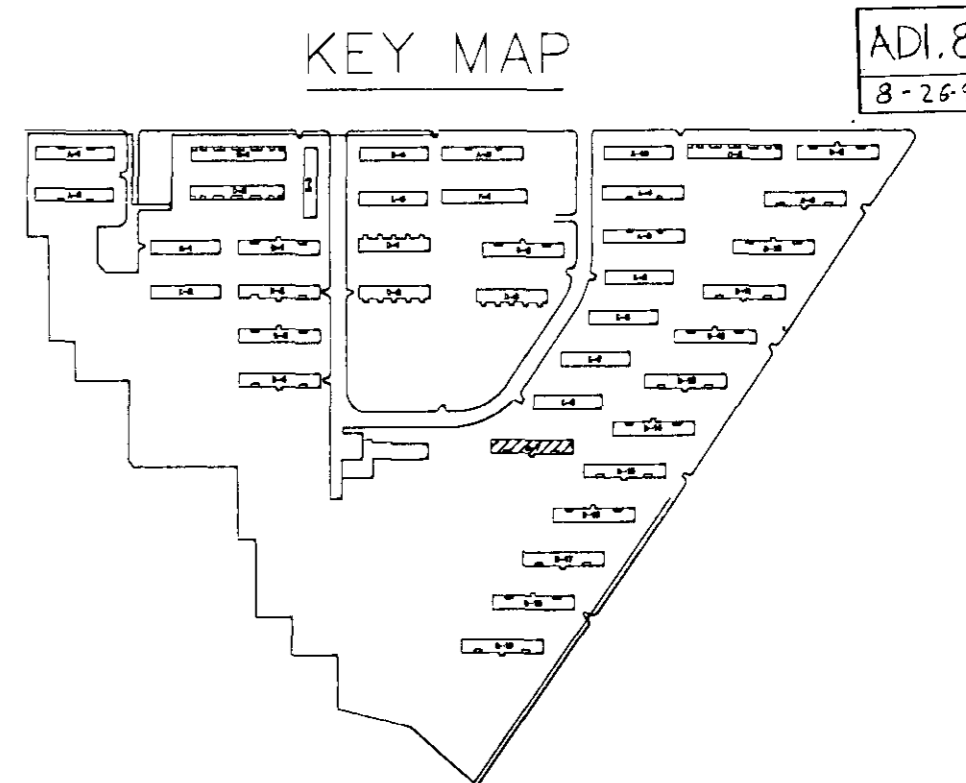
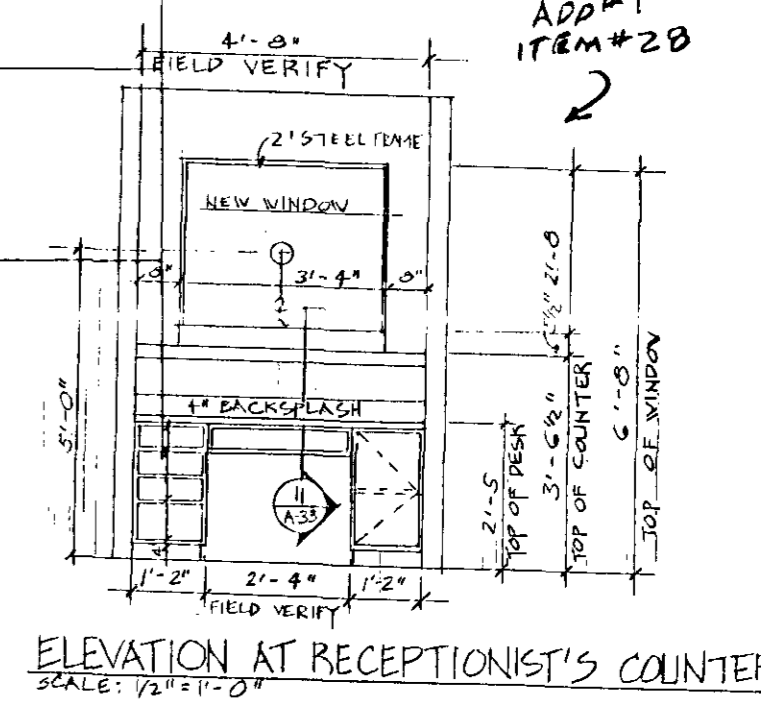
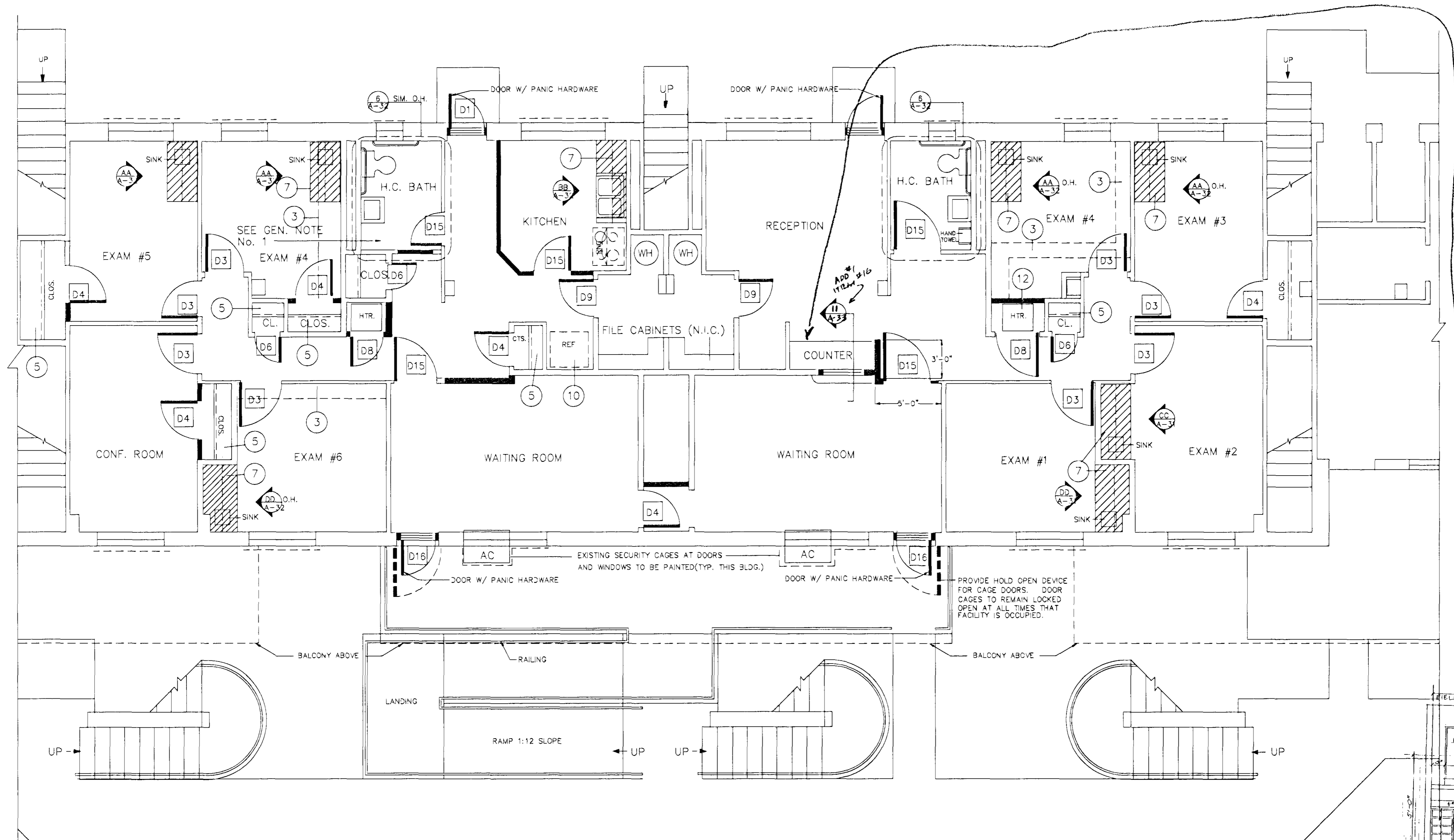
TONY SUDEKUM HOME RENOVATION
IN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



WR&J Project No.:
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DATE: 8/3/93

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SHEET NO.



LEGEND

- EXISTING WALL TO BE REMOVED
- ==== EXISTING TO REMAIN
- ▨ NEW CMU WALL TO MATCH EXISTING WALL
- ▨ NEW WOOD CABINETS
- (K) KEY NOTE
- (AA) ELEVATION SYMBOL
- (X-XX) SECTION MARK
- D4 DOOR MARK
- (X-XX) DETAIL SYMBOL
- (X-XX) NEW DOOR, HARDWARE, AND FRAME BLOCKING AS REQ'D
- (X-XX) NEW DOOR AND HARDWARE ONLY. REUSE EXISTING FRAME.
- (D1, D2, D11, D12) NEW 3'-0" METAL DOOR, STORM DOOR, HARDWARE AND FRAME IN WIDENED OPENING. SEE DETAIL SHEET A-35.
- (D1, D2, D11, D12) NEW 2'-8" METAL DOOR STORM DOOR, HARDWARE AND THRESHOLD IN EXISTING FRAME

CLINIC PLAN (NEW WORK)

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

CONDENSED KEYNOTE LEGEND

1. NOT USED
2. NEW HRDWD HANDRAILS & WL BRACETS'
3. NEW WOOD PANEL FURR DOWNS
4. NOT USED
5. NEW WOOD SHELF/ROD AS REQUIRED.
6. NEW WOOD SHELING AS REQUIRED.
7. NEW WOOD BASE AND WALL CABINETS.
8. NEW DOUBLE SINK.
9. NEW RANGE HOOD
10. REFRIGERATOR (NOT IN CONTRACT).
11. WASHING MACHINE (NOT IN CONTRACT)
12. NEW HEATING UNIT
13. NOT USED
14. NEW WATER HEATER
15. NEW MTL DR W/RETURN AIR GRILL
16. NEW VINYL STAIR TREAD
17. HINGED METAL LOUVER.

NOTE: FOR EXPANDED NEW WORK KEY NOTE SCHEDULE SEE SHEET A-1

SEE SHEET A-1 FOR GENERAL NOTES AND KEY NOTES

SEE SHEET A-32 FOR DOOR SCHEDULE

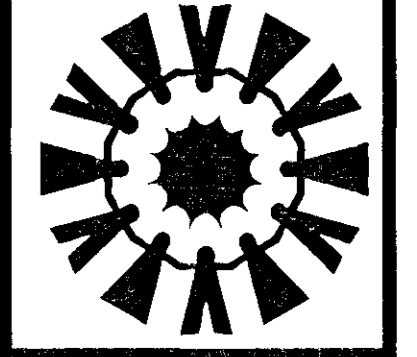
FINISH SCHEDULE				
SPACE NAME	FLOOR	BASE	WALL	CEILING
WAIT'G ROOM	VCT	RUBBER	CMU/PAINT	CMU/PAINT
KITCHEN	VCT	RUBBER	CMU/PAINT	CMU/PAINT
EXAM ROOM	VCT	RUBBER	CMU/PAINT	CMU/PAINT
CLOSET	VCT	RUBBER	CMU/PAINT	CMU/PAINT
HTR/W. HTR	VCT	RUBBER	CMU/PAINT	CMU/PAINT
BATH	C.T.	C.T.	CMU/PT/C.T./PLAS.	CMU/PAINT
FILE ROOM	VCT	RUBBER	CMU/PAINT	CMU/PAINT
CONF. ROOM	VCT	RUBBER	CMU/PAINT	CMU/PAINT
RECEPTION	VCT	RUBBER	CMU/PAINT	CMU/PAINT

NEW WORK PLAN CLINIC

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

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 engineers • planners • architects
 1220 W. End Ave., Suite 450
 Nashville, Tennessee 37208
 Telephone 615/254-2170

TONY SUDEKUM HOME RENOVATION
 TN005-005
 METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



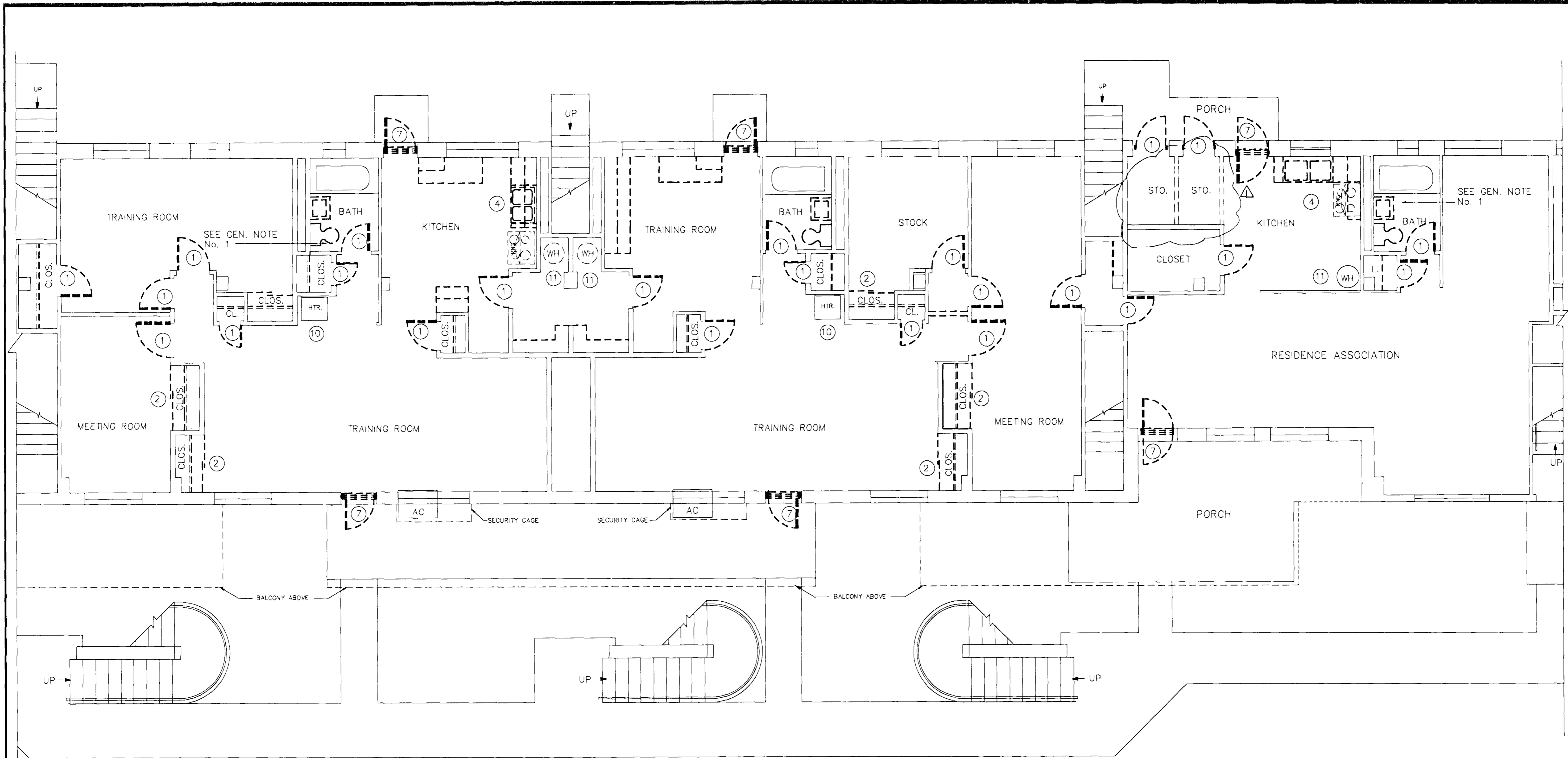
WR&J Project No.: 32493101
 DATE: 8/3/93

NO.	DATE	REVISION

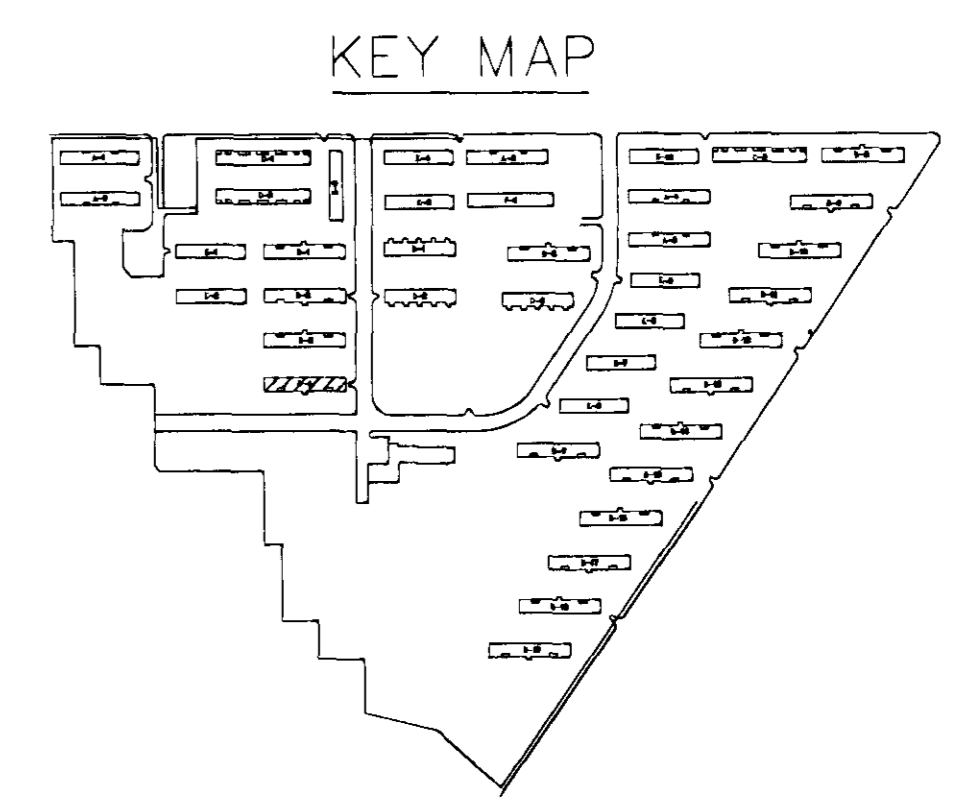
SHEET NO.

A-28

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 CHECKED BY: MM
 CADD FILE NO.:
 PLOT DATE:



TRAINING CENTER

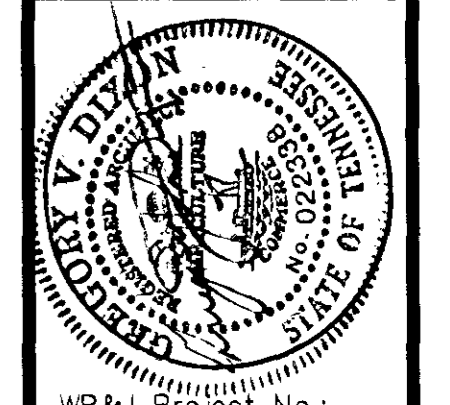
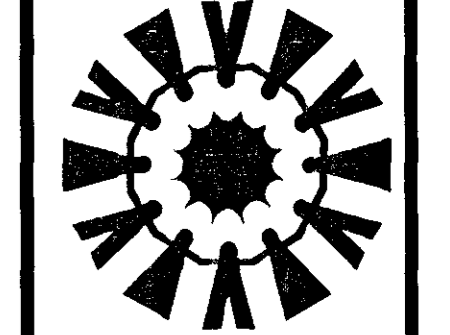


DEMOLITION PLAN
TRAINING CENTER
SCALE: 1/4"=1'-0"

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Nashville, Tennessee 37208
Telephone 615/259-2170

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CHECKED BY: MM PLOT DATE:

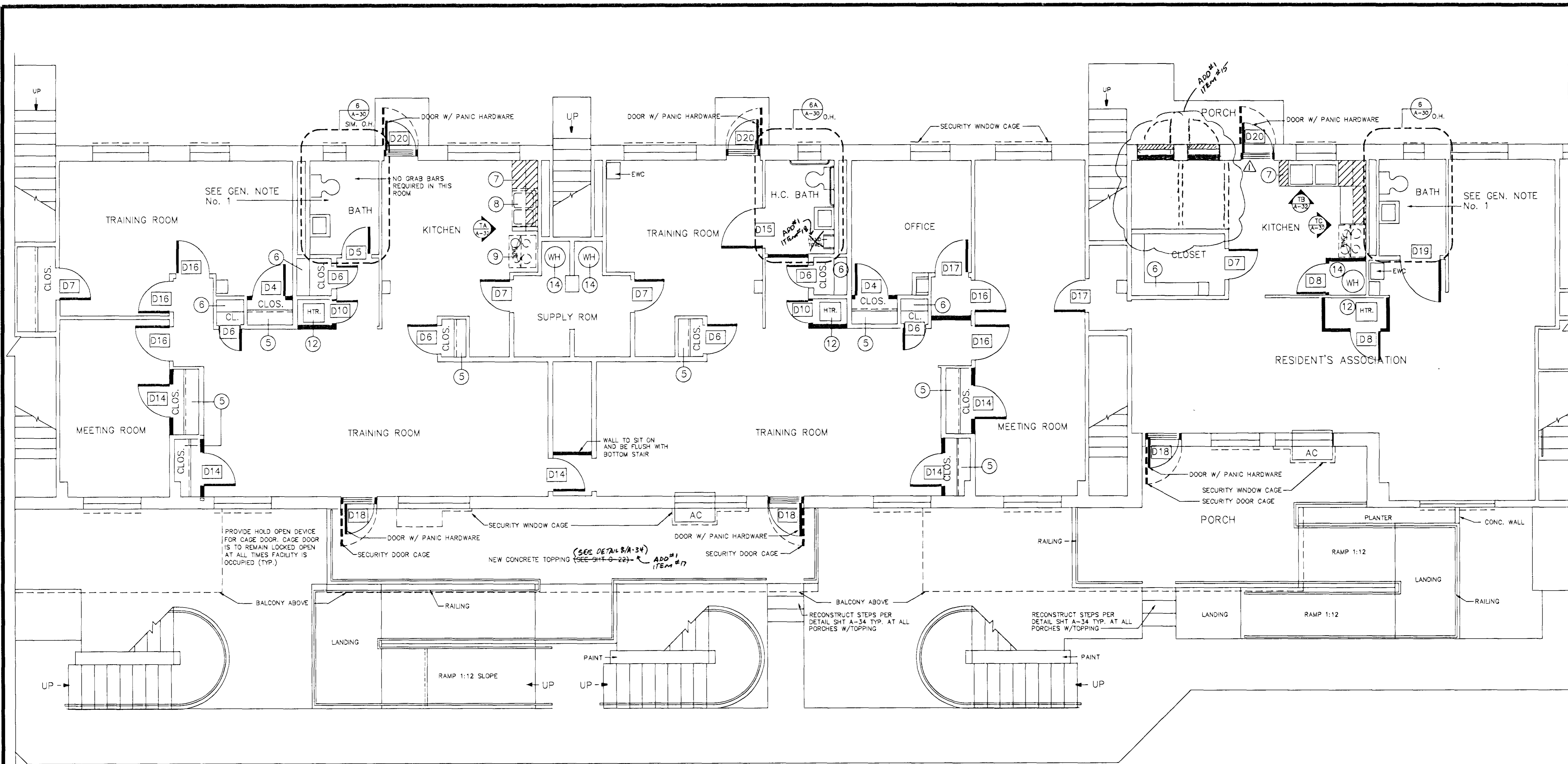
TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



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324-931-01
DATE: 8/3/93

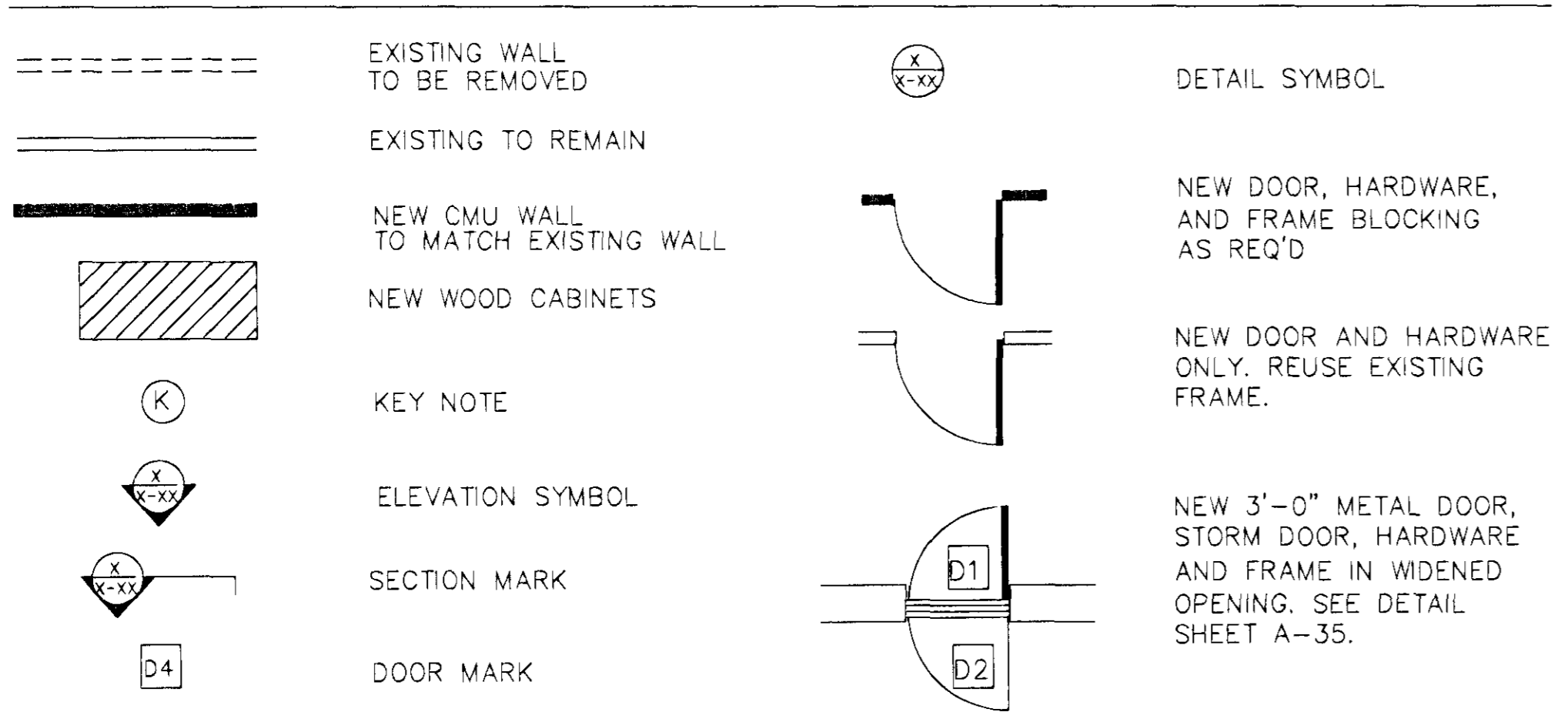
NO.	DATE	REVISION
1	8-24-93	DEMOLITION VALUÉS

SHEET NO.
A-29



TRAINING CENTER/RESIDENT'S ASSOCIATION
(NEW WORK PLAN)

LEGEND



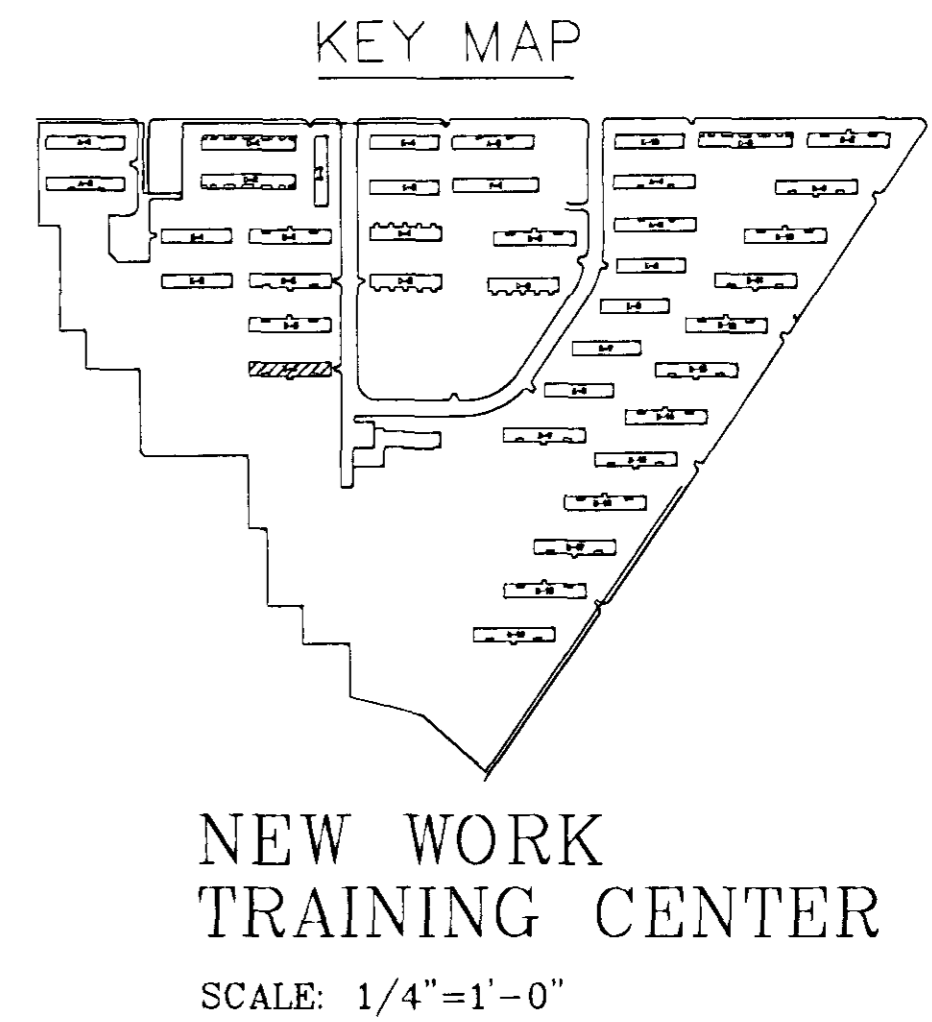
CONDENSED KEYNOTE LEGEND

- NOT USED
- NEW HRDWD HANDRAILS & WL BRACKTS'
- NEW WOOD PANEL FURR DOWNS
- NOT USED
- NEW WOOD SHELF/ROD AS REQUIRED.
- NEW WOOD SHELVING AS REQUIRED.
- NEW WOOD BASE AND WALL CABINETS.
- NEW DOUBLE SINK.
- NEW RANGE HOOD
- REFRIGERATOR (NOT IN CONTRACT).
- WASHING MACHINE (NOT IN CONTRACT)
- NEW HEATING UNIT
- NOT USED
- NEW WATER HEATER
- NEW MTL DR W/RETURN AIR GRILL
- NEW VINYL STAIR TREAD
- HINGED METAL LOUVER.

NOTE: FOR EXPANDED NEW WORK KEY NOTE SCHEDULE SEE SHEET A-1

FINISH SCHEDULE

SPACE NAME	FLOOR	BASE	WALL	CEILING
TRAIN'G RM	VCT	RUBBER	CMU/PAINT	CMU/PAINT
KITCHEN	VCT	RUBBER	CMU/PAINT	CMU/PAINT
MEET'G RM	VCT	RUBBER	CMU/PAINT	CMU/PAINT
CLOSET	VCT	RUBBER	CMU/PAINT	CMU/PAINT
HTR/W. HTR	VCT	RUBBER	CMU/PAINT	CMU/PAINT
BATH	C.T.	C.T.	CMU/PT/C.T./PLAS.	CMU/PAINT
SUPPLY RM	VCT	RUBBER	CMU/PAINT	CMU/PAINT
RESI. ASSOC	VCT	RUBBER	CMU/PAINT	CMU/PAINT



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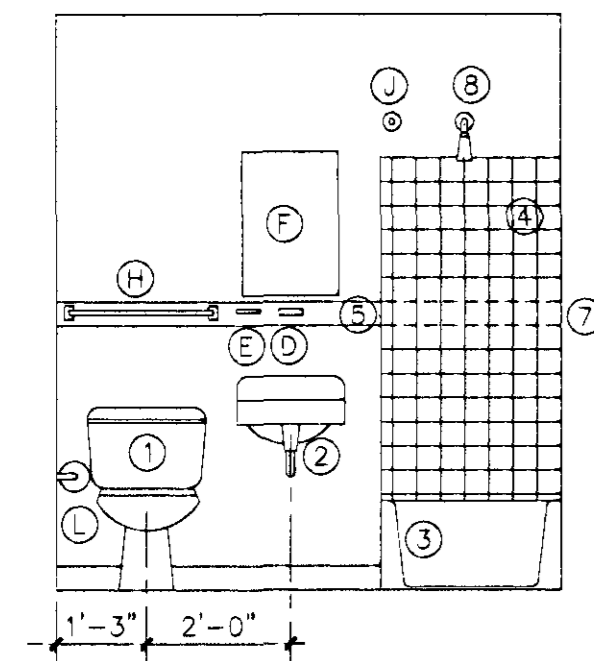
TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

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CHECKED BY: MM PLOT DATE:

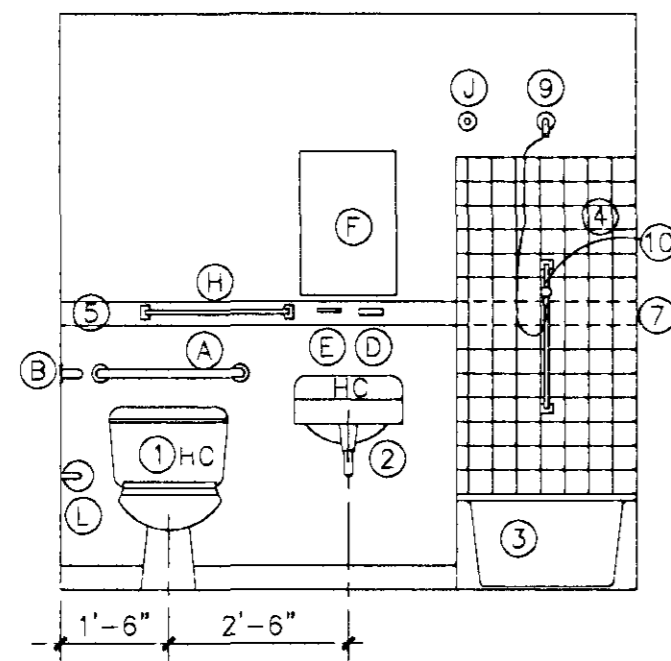
WR&J Project No.:
324-931-01
DATE: 8/3/93

REVISION
NO. DATE
1 8-26-93 ADD WALLS & RAILING

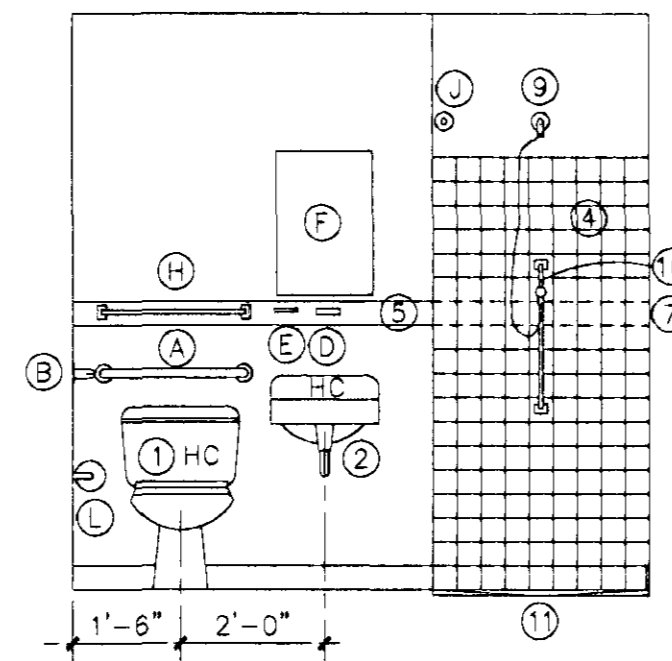
SHEET NO.
A-29A



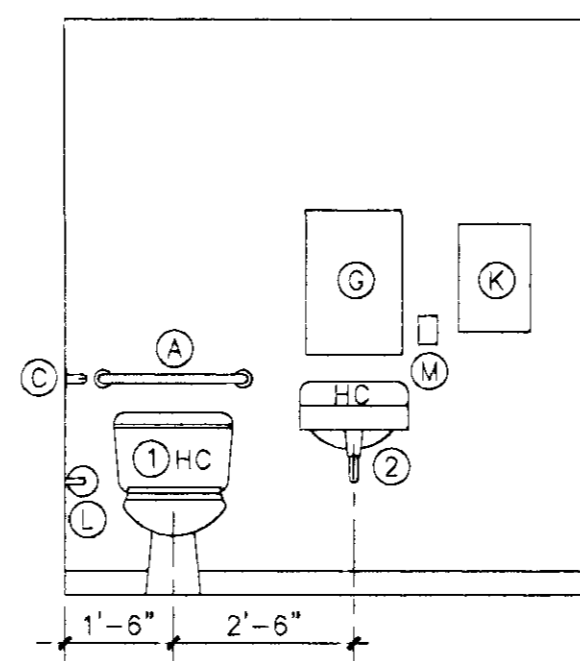
ELEVATION A



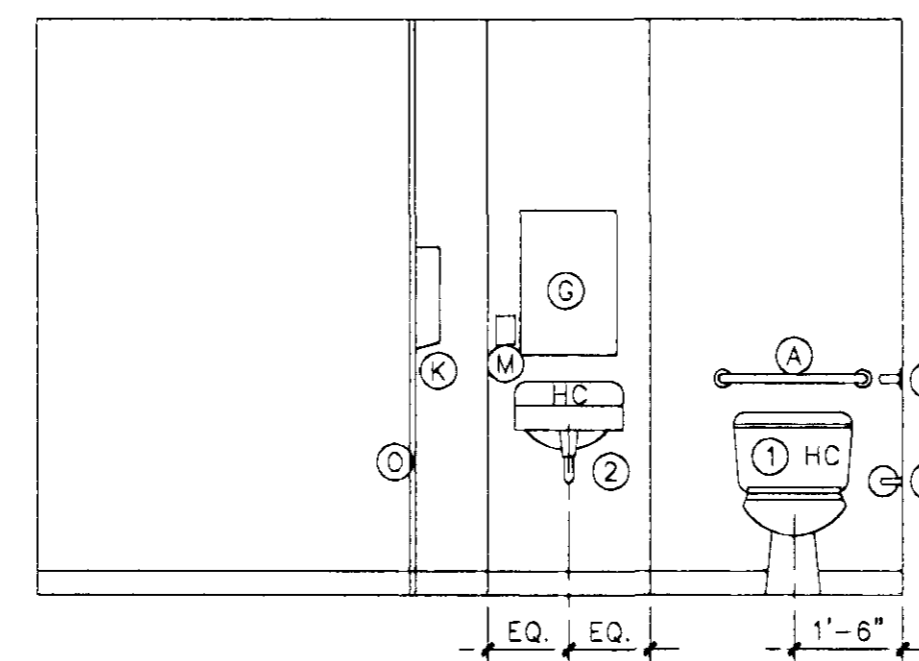
ELEVATION B
(C SIM.)



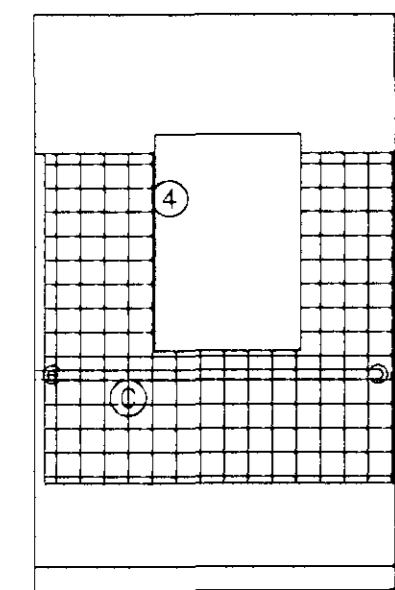
ELEVATION D
(E SIM.)



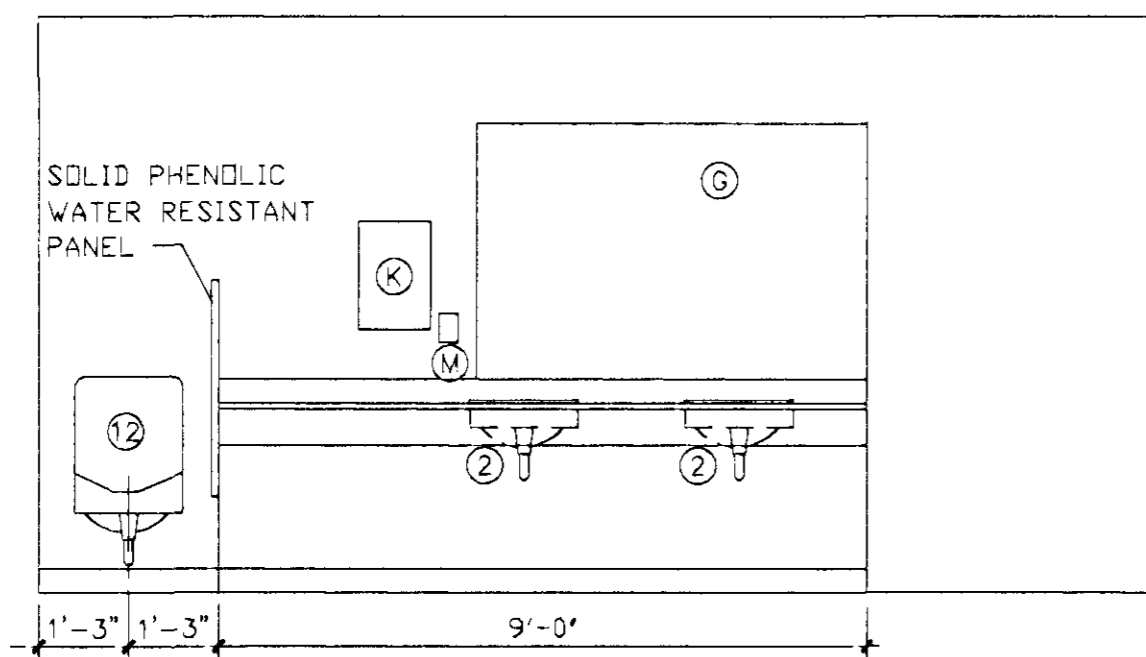
ELEVATION F
(G OPP. HAND)



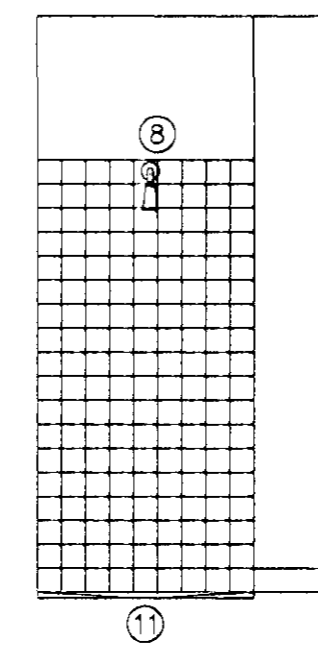
ELEVATION H
(J OPP. HAND)



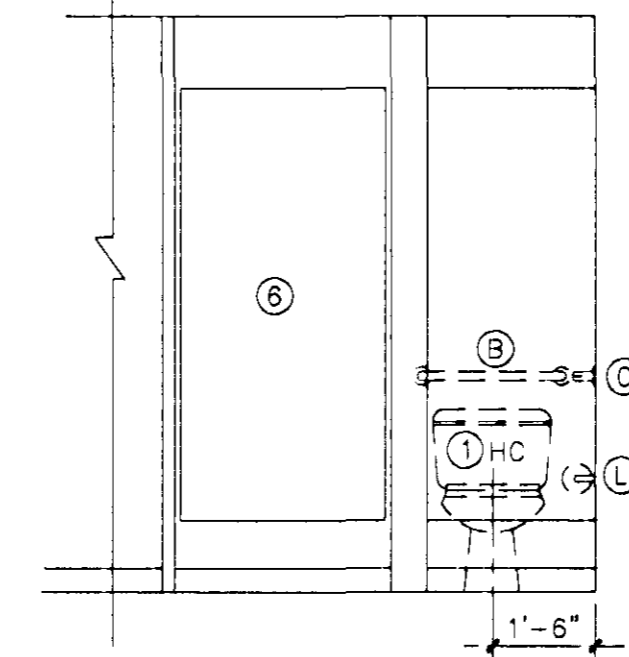
ELEVATION I



ELEVATION K



ELEVATION L



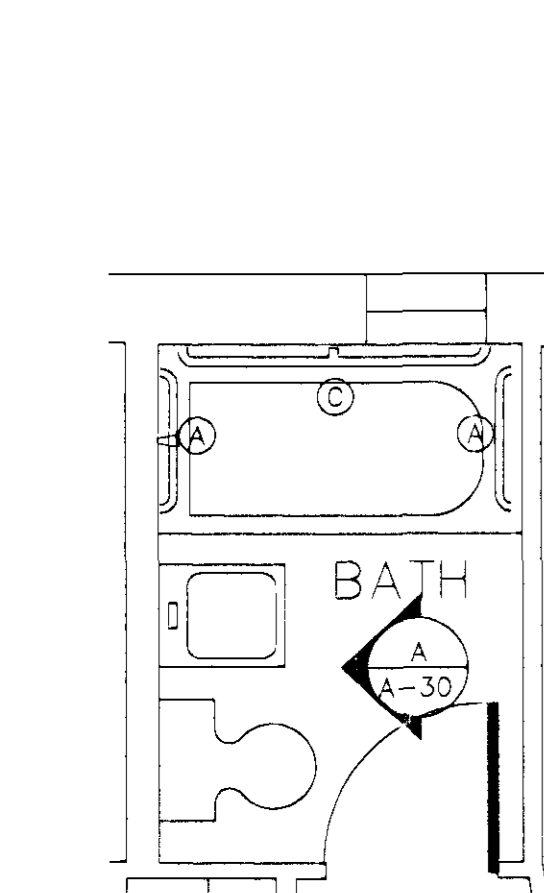
ELEVATION M

TOILET ELEVATION NOTES

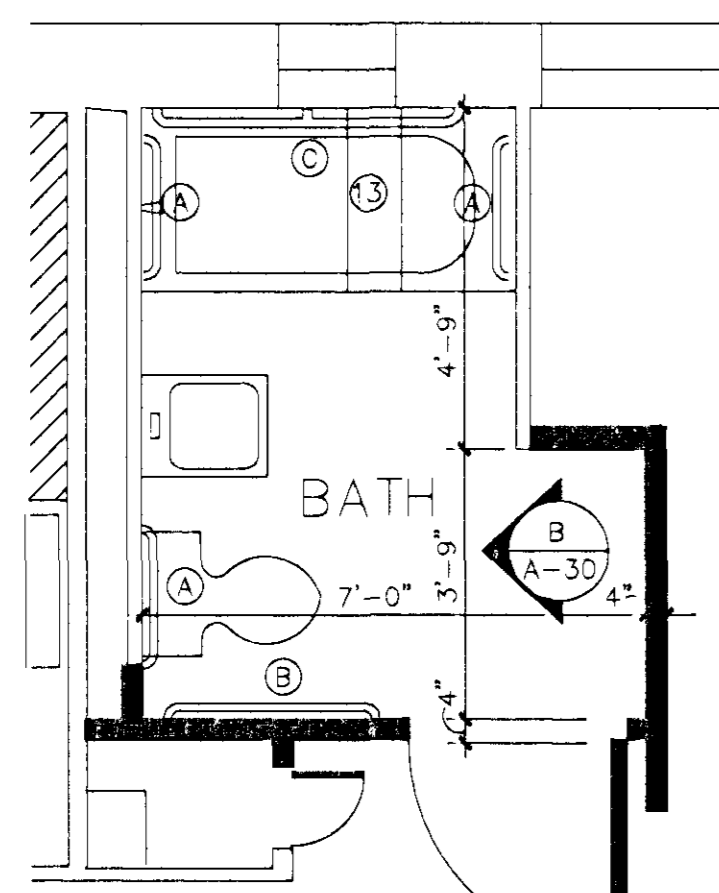
- ① NEW TOILET FIXTURE. TOP OF LID 17" TO 19" A.F.F. FOR HC UNITS
- ② NEW LAVATORY. INSULATE PIPES IN HC UNITS.
- ③ RESURFACE TUB.
- ④ NEW CERAMIC TILE WAINSCOT. 6'-0" A.F.F. ON 3 WALLS.
- ⑤ EXISTING WOOD TRIM
- ⑥ PLASTIC LAMINATE STALL
- ⑦ REMOVE WOOD TRIM AND PLASTER TO ALLOW FLUSH INSTALLATION OF C.T. WAINSCOT
- ⑧ SHOWER HEAD 6'-6" A.F.F.
- ⑨ HAND HELD SHOWER HEAD 6'-6" A.F.F. CENTERED W/TUB
- ⑩ SHOWER HEAD BAR. CENTER W/TUB
- ⑪ RECESSED FLOOR SLAB
- ⑫ URINAL
- ⑬ STAINLESS STEEL TUB SET
- ⑭ SHOWER SEAT

TOILET ACCESSORIES

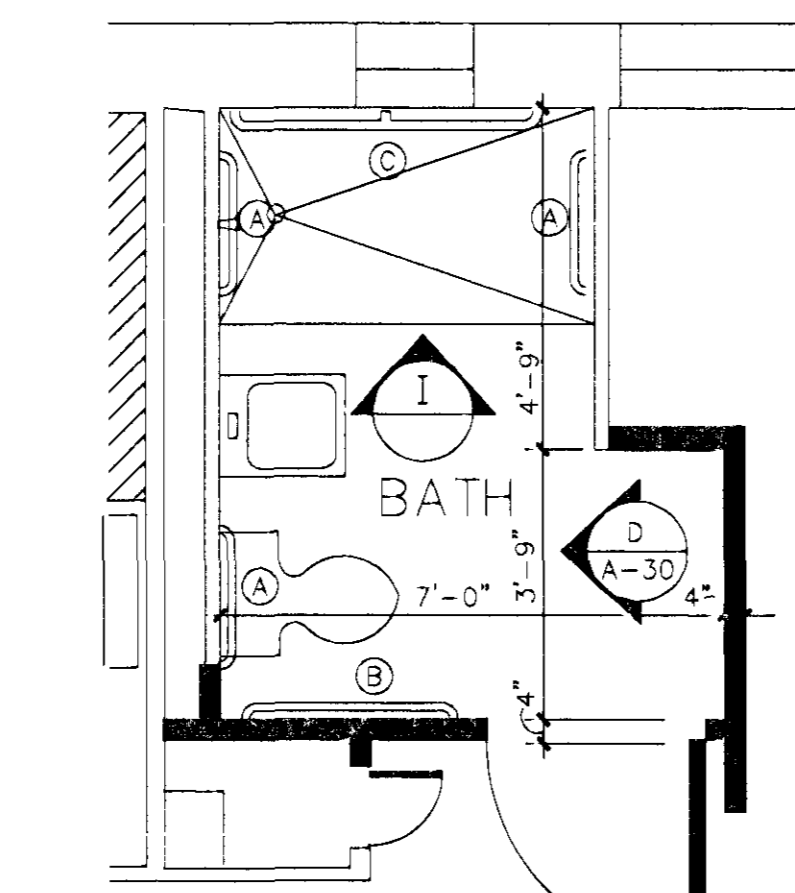
- Ⓐ 24" GRAB BAR 36" A.F.F.
 - Ⓑ 36" GRAB BAR 36" A.F.F.
 - Ⓒ 54" GRAB BAR 36" A.F.F.
 - Ⓓ SOAP HOLDER
 - Ⓔ TUMBLER/TOOTHBRUSH HOLDER
 - Ⓕ RECESSED MIRROR MEDICINE CABINET. INSTALL IN EXISTING BLOCKING.
 - Ⓖ MIRROR. BOTTOM 3'-4" A.F.F. MAX.
 - Ⓗ 24" TOWEL BAR.
 - Ⓘ SHOWER ROD. CENTER LINE 6'-6" A.F.F.
 - Ⓚ PAPER TOWEL DISPENSER (SURFACE MOUNTED) OPENING 3'-6" A.F.F.
 - Ⓛ TOILET PAPER HOLDER. 1'-8" A.F.F.
 - Ⓜ SOAP DISPENSER. CONTROL 3'-6" A.F.F.
 - Ⓝ CORNER GRAB BAR
 - Ⓞ PLASTIC LAMINATE PANEL
- NOTE! DELETE ALL GRAB BARS IN PROJECT EXCEPT IN HANDICAPPED UNITS



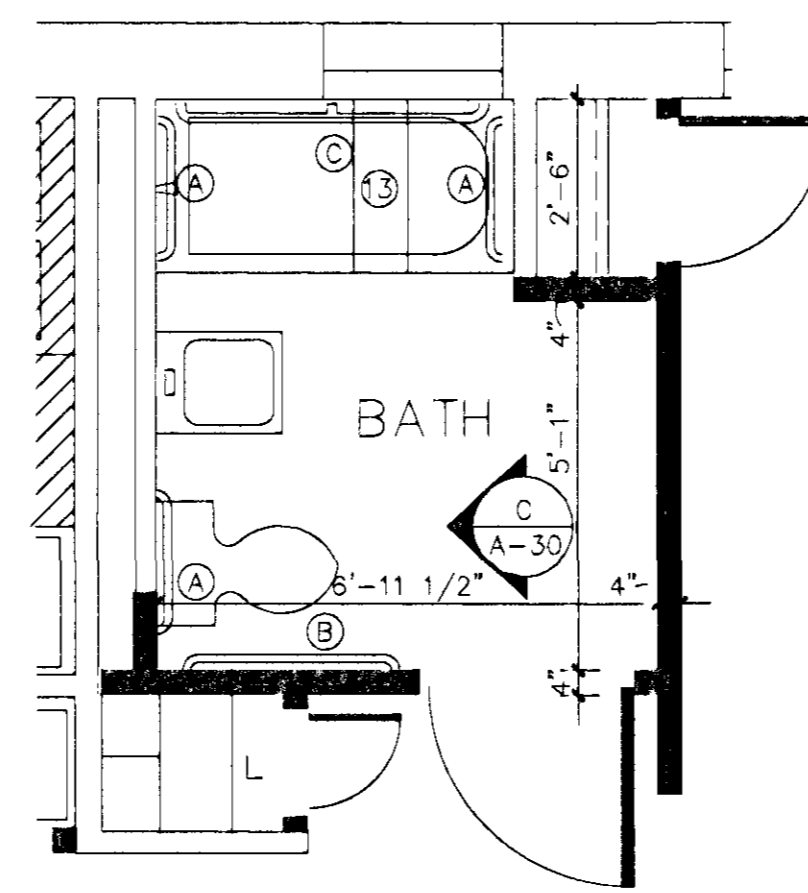
① TYPICAL UNIT



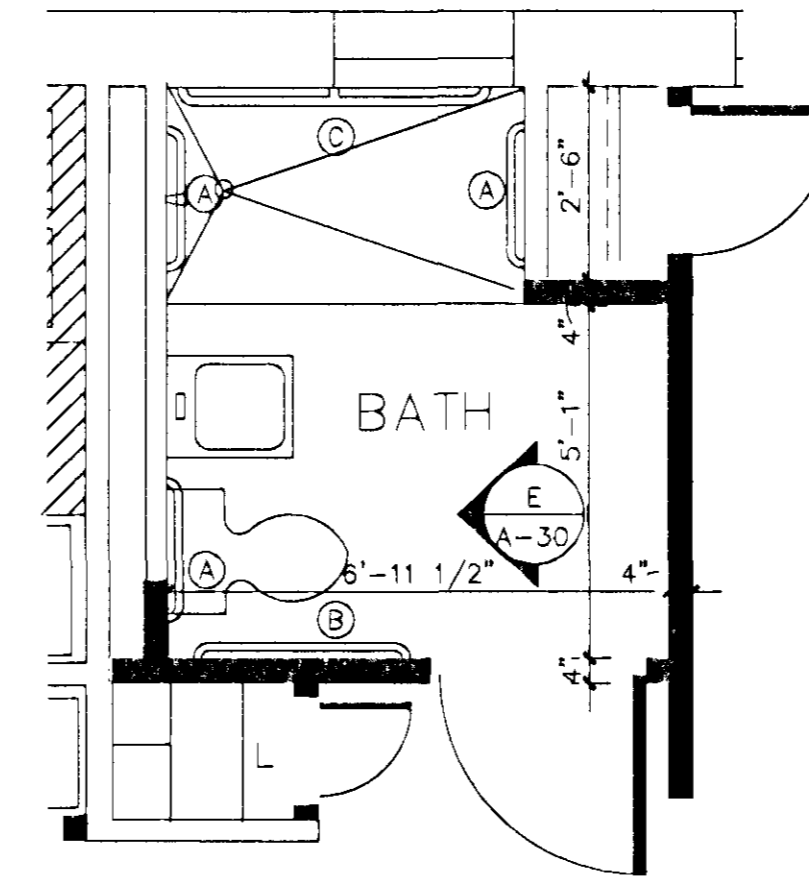
② TYPICAL HC UNIT 'B'



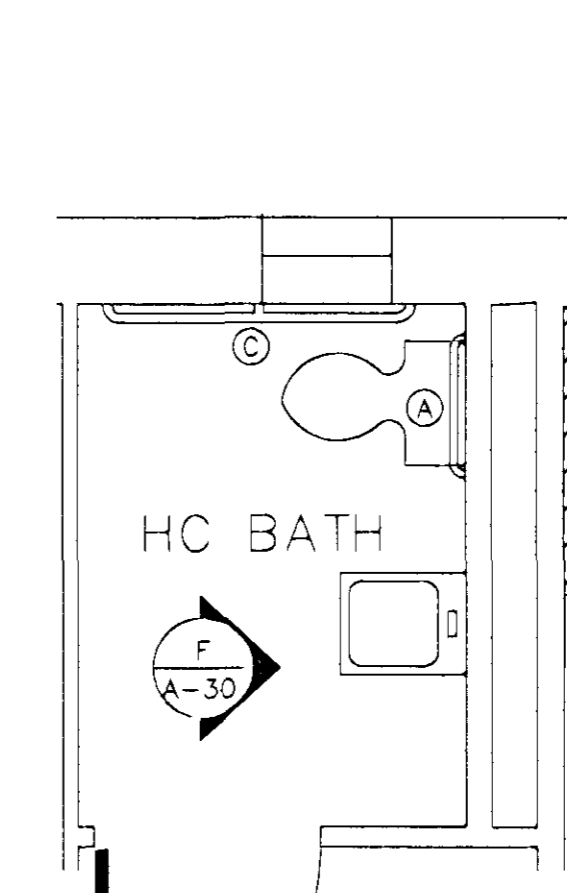
③ TYPICAL HC UNIT 'B'
WITH SHOWER



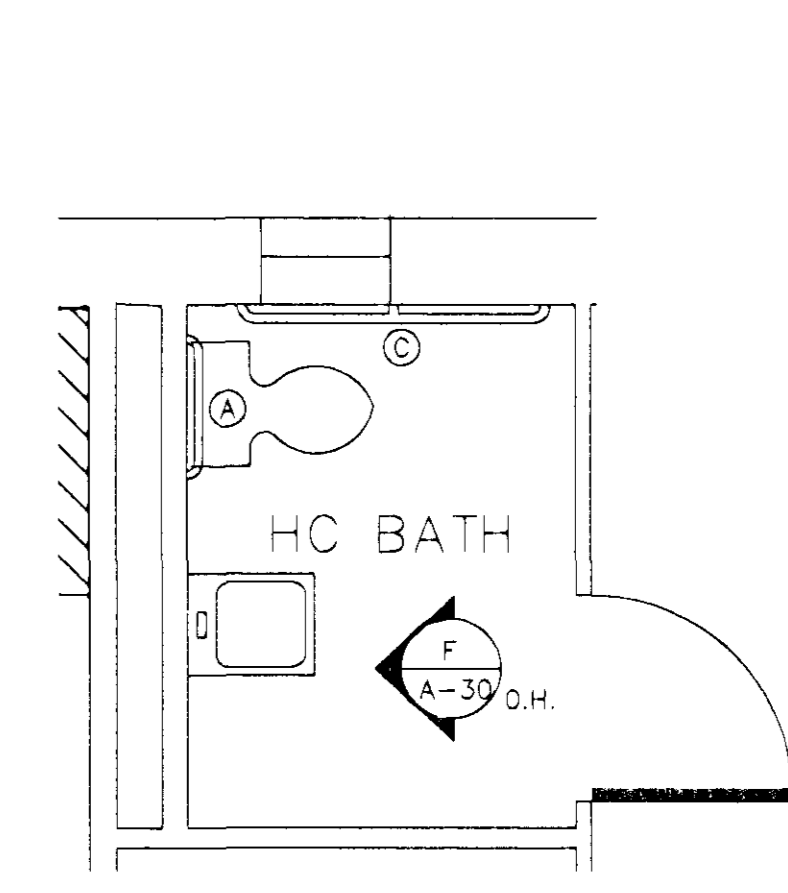
④ TYPICAL HC UNIT 'D'



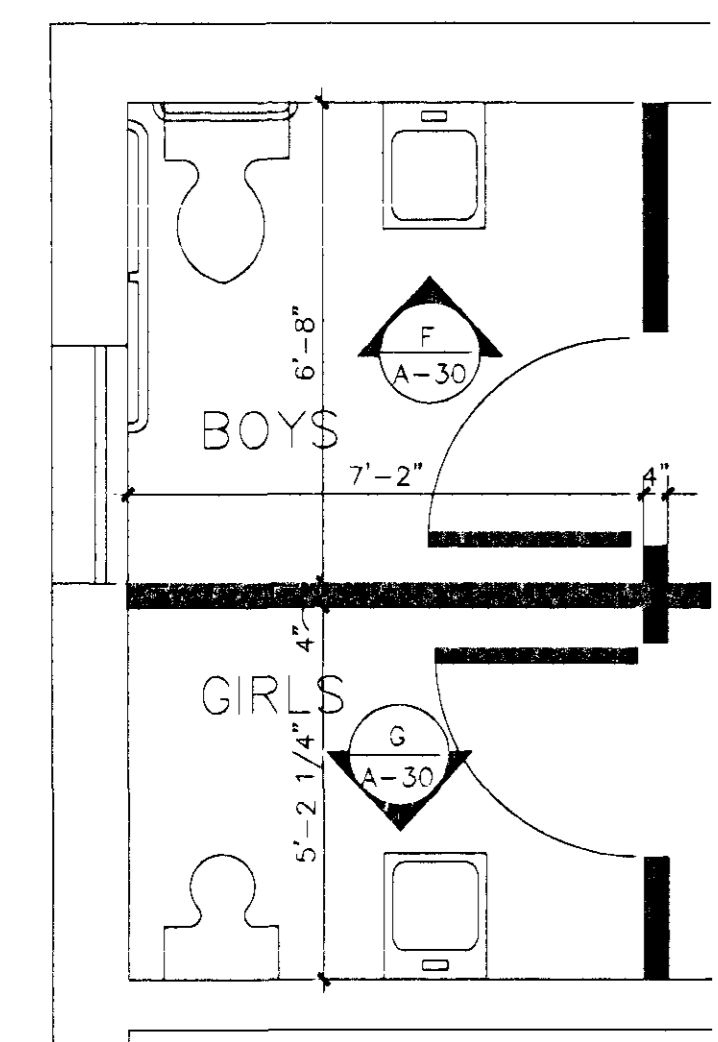
⑤ TYPICAL HC UNIT 'D'
WITH SHOWER



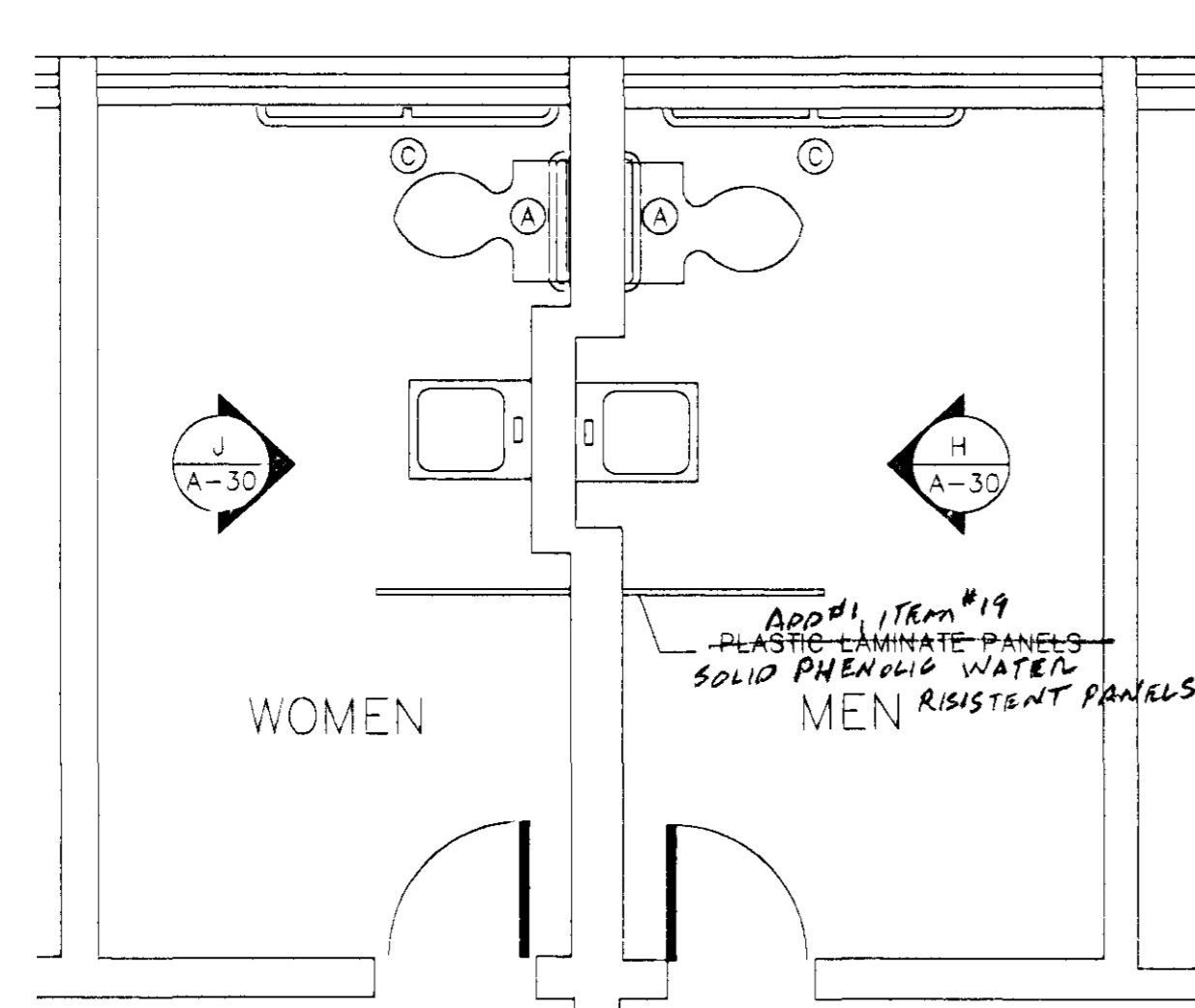
⑥ CLINIC HC TOILET



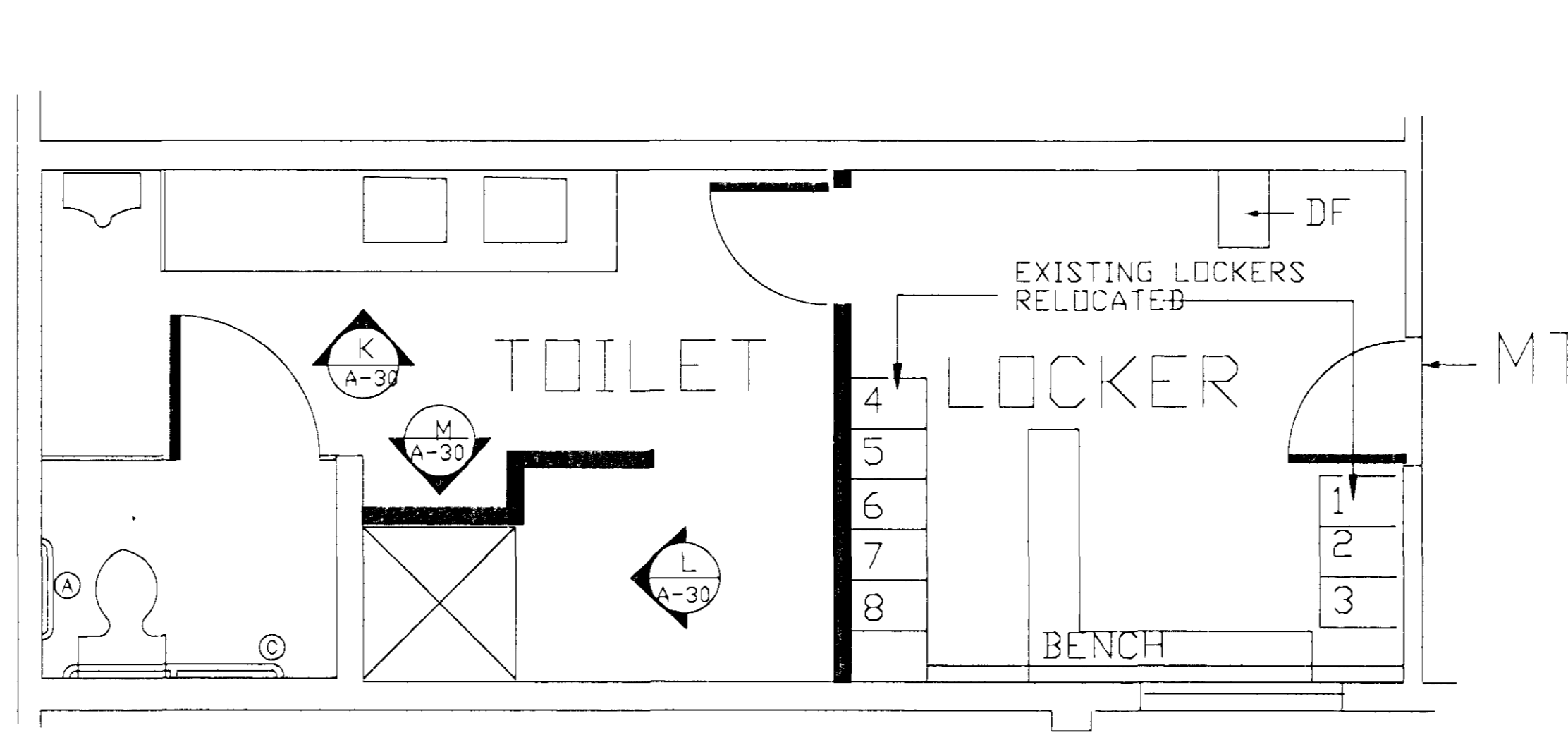
⑥A CLINIC HC TOILET



⑦ BOYS & GIRLS HC TOILETS



⑧ WOMEN & MEN HC TOILETS



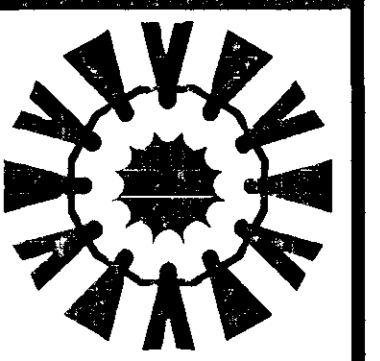
⑨ MAINTENANCE HC TOILETS

ENLARGED TOILET
PLANS & ELEVATIONS

SCALE 3/8" = 1'-0"

Williams • russell and johnson, inc.
engineers • planners • architects
1100 North Main Street, Suite 450
220 Adams Way
Nashville, Tennessee 37208
Telephone 615/254-2170

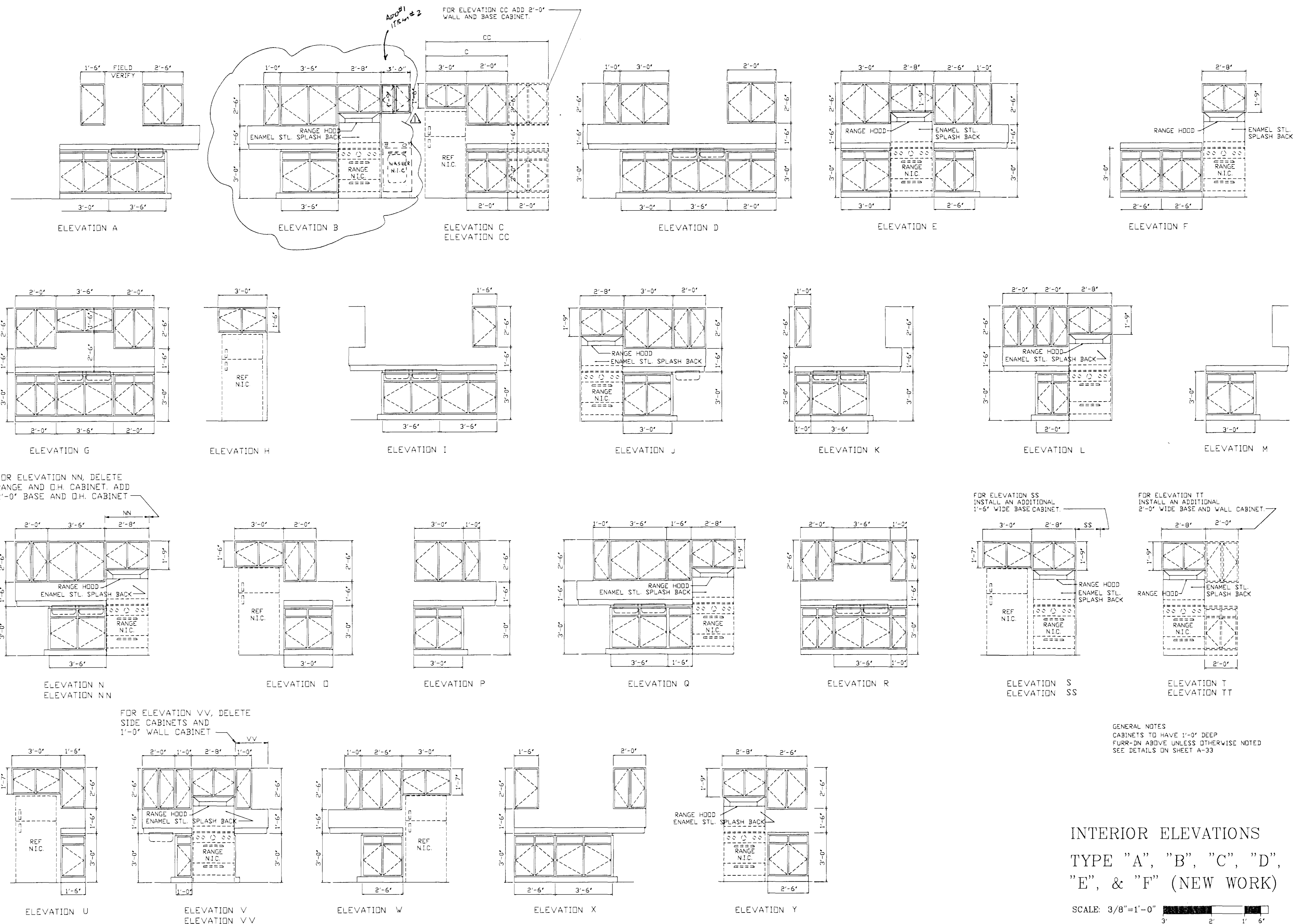
TONY SUDEKUM HOME RENOVATION
IN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



WR&J Project No.:
324-931-01
DATE: 8/3/93

NO.	DATE	REVISION

SHEET NO.
A-30



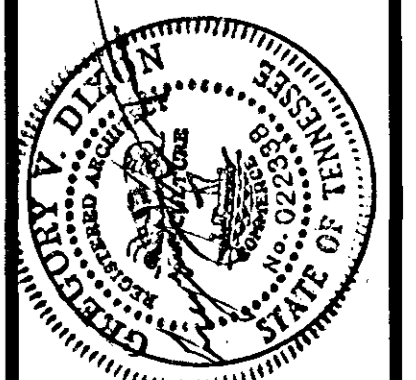
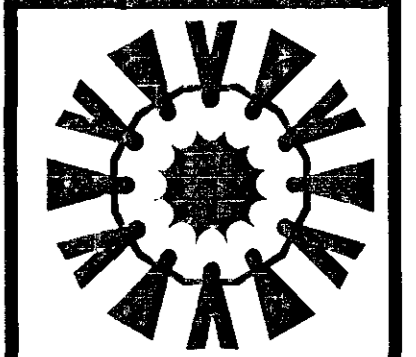
GENERAL NOTES
 CABINETS TO HAVE 1'-0" DEEP
 FURR-ON ABOVE UNLESS OTHERWISE NOTED
 SEE DETAILS ON SHEET A-33

INTERIOR ELEVATIONS
 TYPE "A", "B", "C", "D",
 "E", & "F" (NEW WORK)

SCALE: 3/8"=1'-0"

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 1000 Nashville, Tennessee 37208
 Telephone 615/254-2170
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TONY SUDEKUM HOME RENOVATION
 TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
 OF NASHVILLE & DAVIDSON COUNTY
 NASHVILLE, TENNESSEE



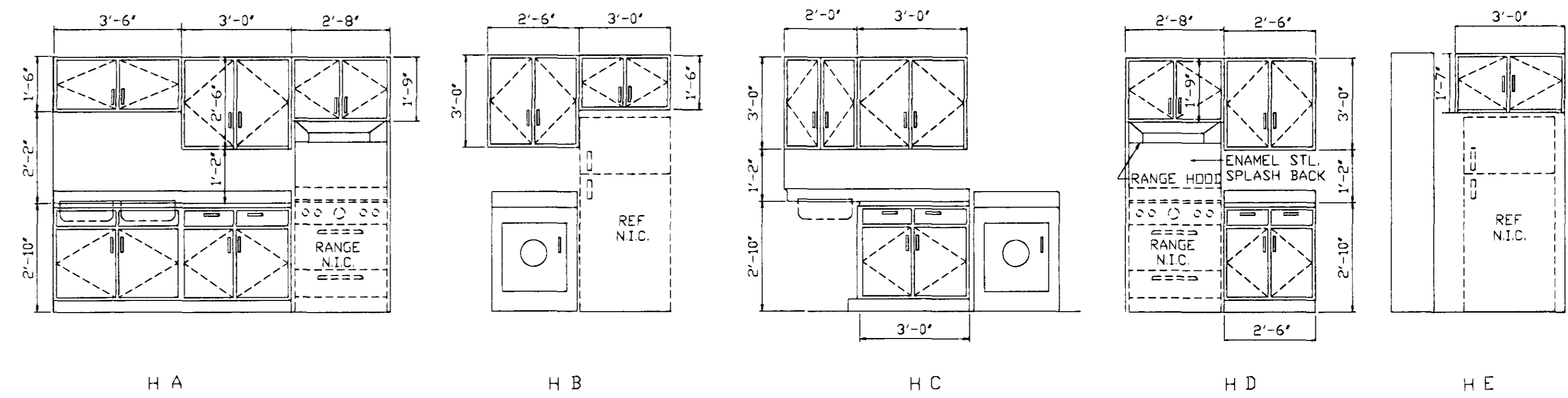
WR&J Project No.:
 324-931-01
 DATE: 8/3/93

NO.	DATE	REVISION

SHEET NO.
A-31

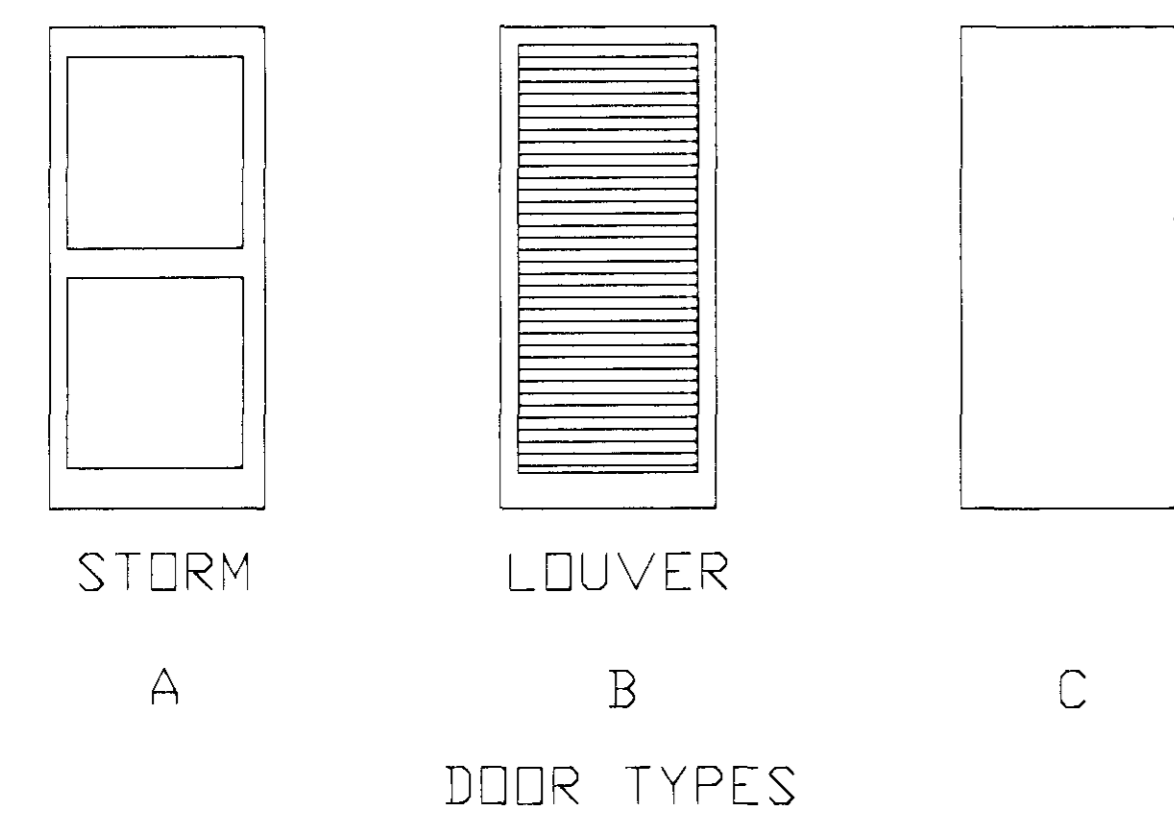
DOOR SCHEDULE-UNITS/CLINIC/TRAINING CENTER

SYM.	TYPE	SIZE			MATL.	FINISH	FRAME		HDWR SET	REMARKS
		WIDTH	HEIGHT	THICK.			TYPE	MATL.		
D1	C	3'-0"	6'-8"	1 3/4"	IN.MTL	PAINT	EXIST'G	METAL	1	
D2	A	3'-0"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	METAL	-	
D3	C	2'-8"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	EXIST'G	2	
D4	C	2'-4"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	EXIST'G	3	
D5	C	2'-0"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	MTL	2	
D6	C	2'-0"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	MTL	3	
D7	C	2'-8"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	EXIST'G	3	
D8	B	2'-8"	6'-8"	1 3/8"	METAL	PAINT	EXIST'G	METAL	3	
D9	C	2'-8"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	MTL	3	
D10	B	2'-0"	6'-8"	1 3/8"	METAL	PAINT	EXIST'G	MTL	3	
D11	C	2'-8"	6'-8"	1 3/4"	IN.MTL	PAINT	WOOD	MTL	1	
D12	A	2'-8"	6'-8"	1 3/8"	METAL	PAINT	EXIST'G	EXIST'G	-	
D13	C	2'-6"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	EXIST'G	3	
D14	C	2'-4"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	EXIST'G	3	
D15	C	3'-0"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	METAL	2	
D16	C	2'-8"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	MTL	4	
D17	C	2'-8"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	MTL	5	
D18	C	3'-0"	6'-8"	1 3/4"	METAL	PAINT	1	MTL	6	
D19	C	3'-0"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	EXIST'G	7	
D20	C	2'-6"	6'-8"	1 3/4"	IN.MTL	PAINT	EXIST'G	EXIST'G	6	
D21	C	3'-0"	6'-8"	1 3/8"	WOOD	PAINT	EXIST'G	EXIST'G	7	



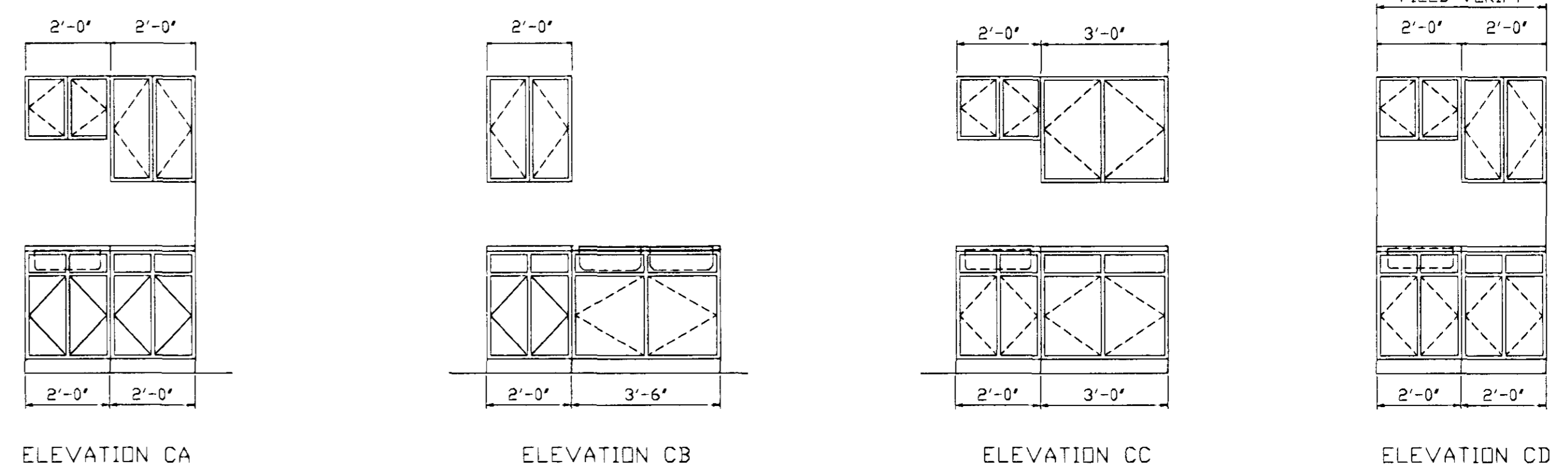
HANDICAP UNITS INTERIOR ELEVATIONS

SCALE: 3/8"=1'-0"



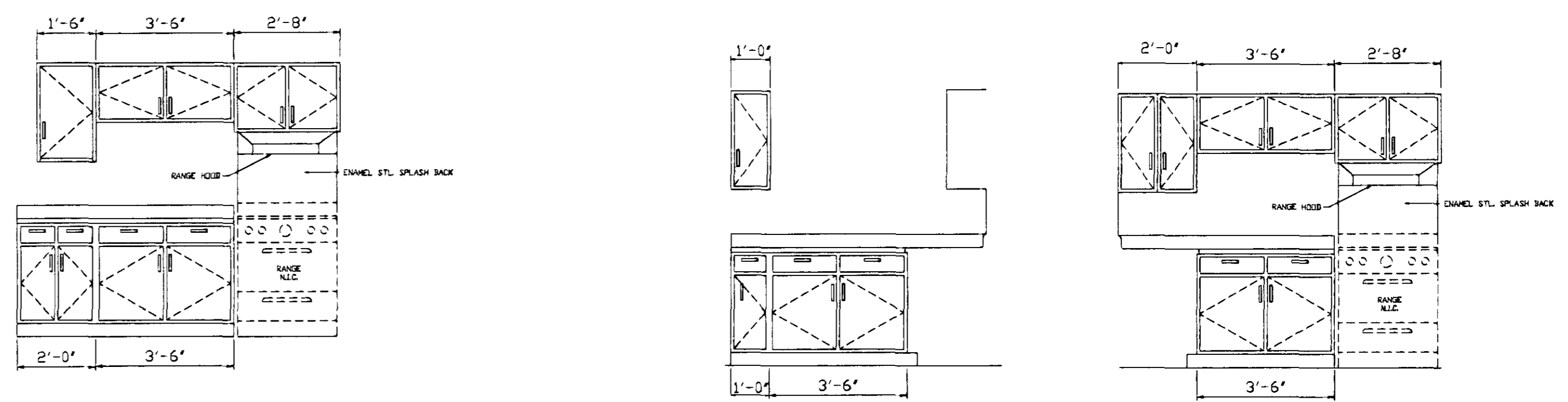
ADD#1 ITEM#29

- NOTE!**
- USE KNOCK-DOWN HOLLOW METAL FRAMES THROUGHOUT THE PROJECT IN LIEU OF WELDED FRAMES
 - EXTERIOR DOORS ARE TO BE 20 GAUGE METAL CLAD WITH EXPOSED EDGE SEAMS
 - DOORS AT FURNACE CLOSETS ARE TO BE 1 3/8" HARDBOARD WITH TWO 18"X12" GRILLS IN LIEU OF METAL LOUVELS
 - ALL EXTERIOR DOOR FRAMES ARE TO BE WOOD AND BOTH FRONT AND BACK DOORS ARE TO RECEIVE NEW FRAMES. ALL FRAME AND DOOR SIZES ARE TO REMAIN AS THEY PRESENTLY EXIST EXCEPT THAT THE HANDICAPPED UNITS SHALL BE CHANGED TO 36" WIDE DOORS AT THE FRONT ENTRANCE ONLY. ALL EXISTING STORM DOORS ARE TO REMAIN. CONTRACTOR SHALL REMOVE AND REPLACE EXISTING STORM DOORS. M.D.H.A. SHALL REPAIR EXISTING STORM DOORS AS NEEDED. ALL EXTERIOR DOORS ARE TO BE PRE-FINISHED.



CLINIC INTERIOR ELEVATIONS

SCALE: 3/8"=1'-0"



TRAINING CENTER INTERIOR ELEVATIONS

SCALE: 3/8"=1'-0"

- ADD#1 ITEM#21
- NOTE!**
- ALL CABINETS TO HAVE FULL-DEPTH ABOVE TO CEILING UNLESS OTHERWISE INDICATED (SEE DETAILS ON SHEET A-33)
 - DELETE SOFFITS OVER ALL KITCHEN CABINETS

INTERIOR ELEVATIONS/
DOOR SCHEDULE & DETAILS

SCALE: AS NOTED

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TONY SUDEKUM HOME RENOVATION
TN005-005

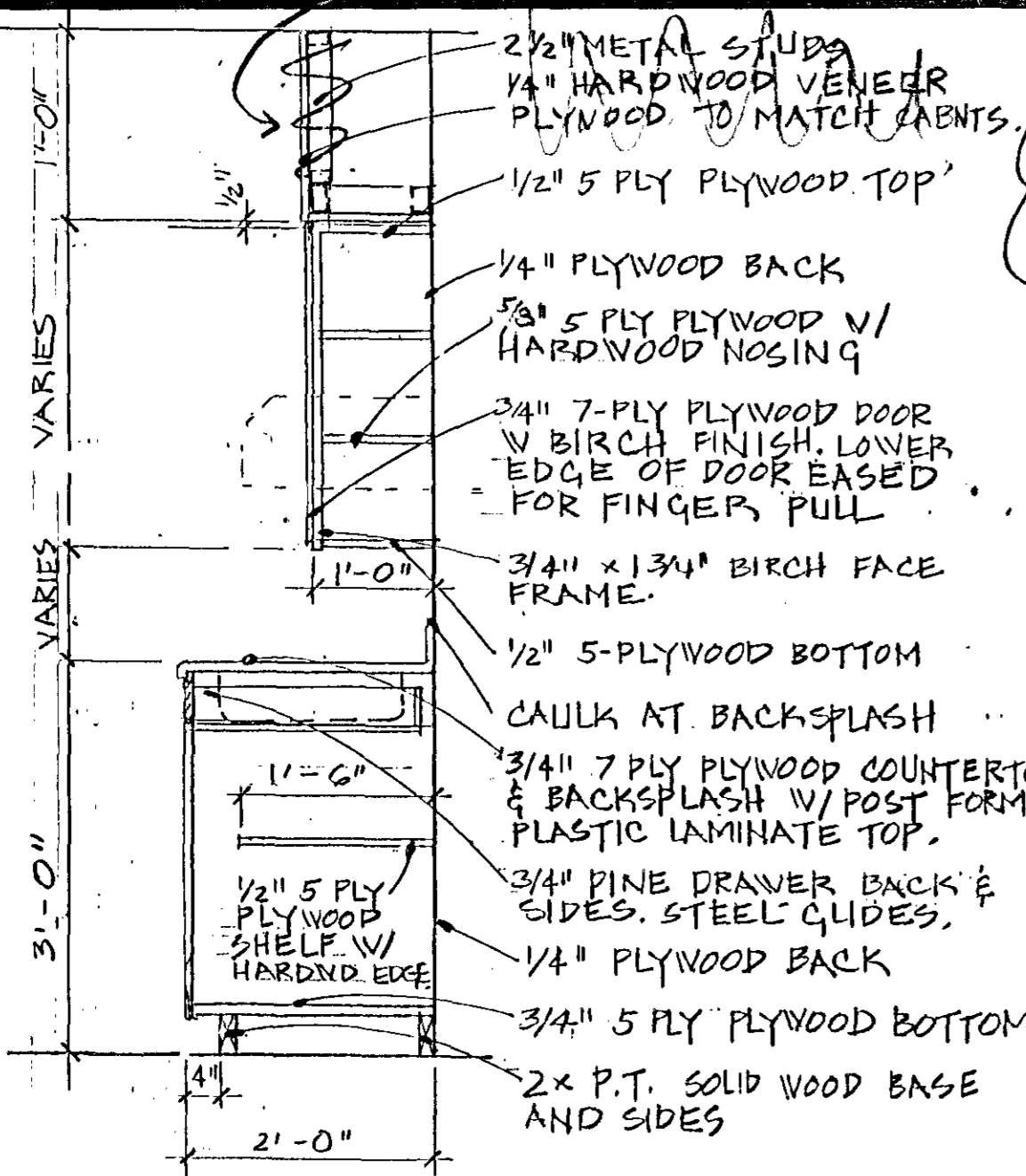
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

WR&J Project No.: 324-931-01
DATE: 8/3/93

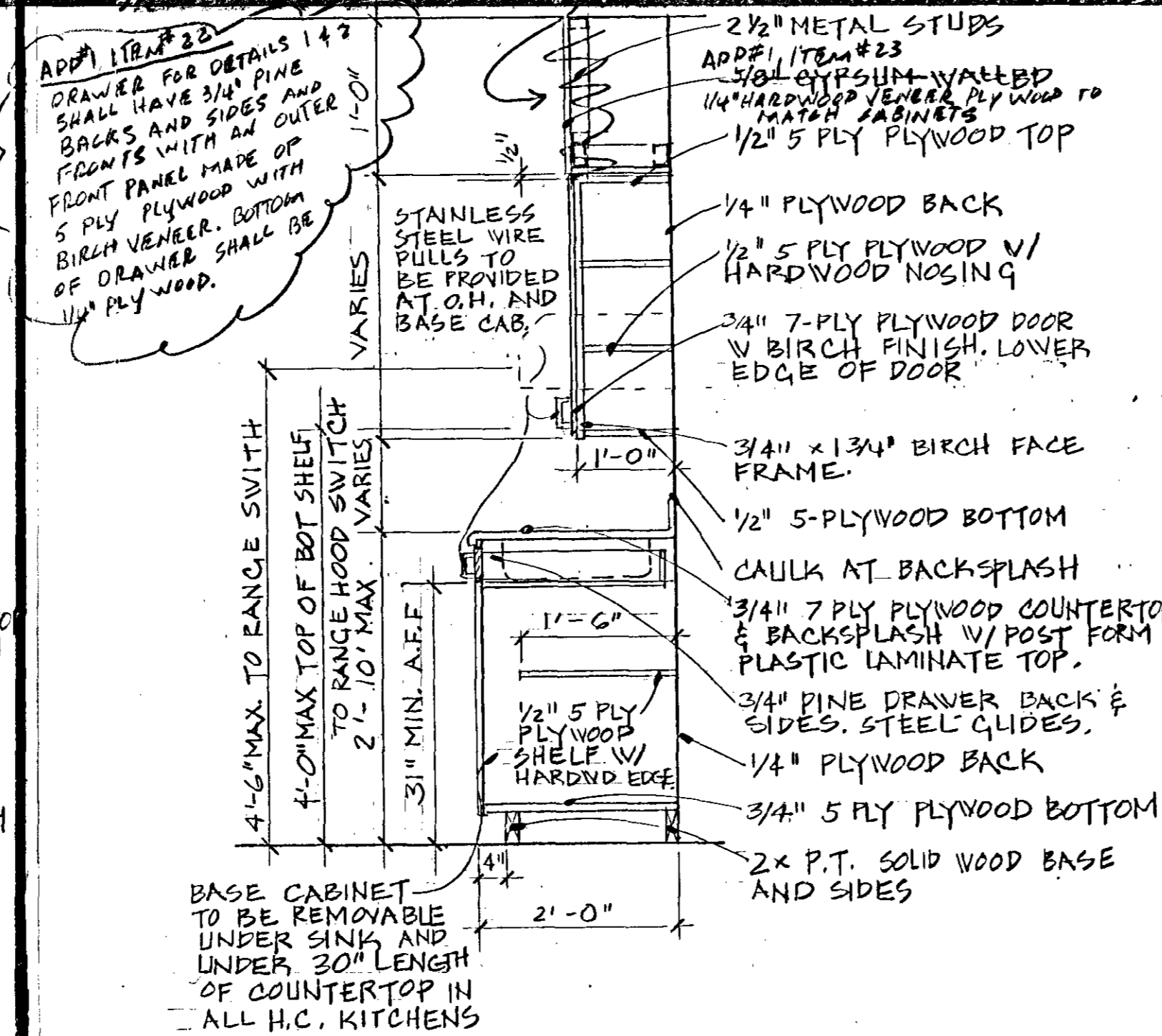
REVISION
DATE
NO.

SHEET NO.
A-32

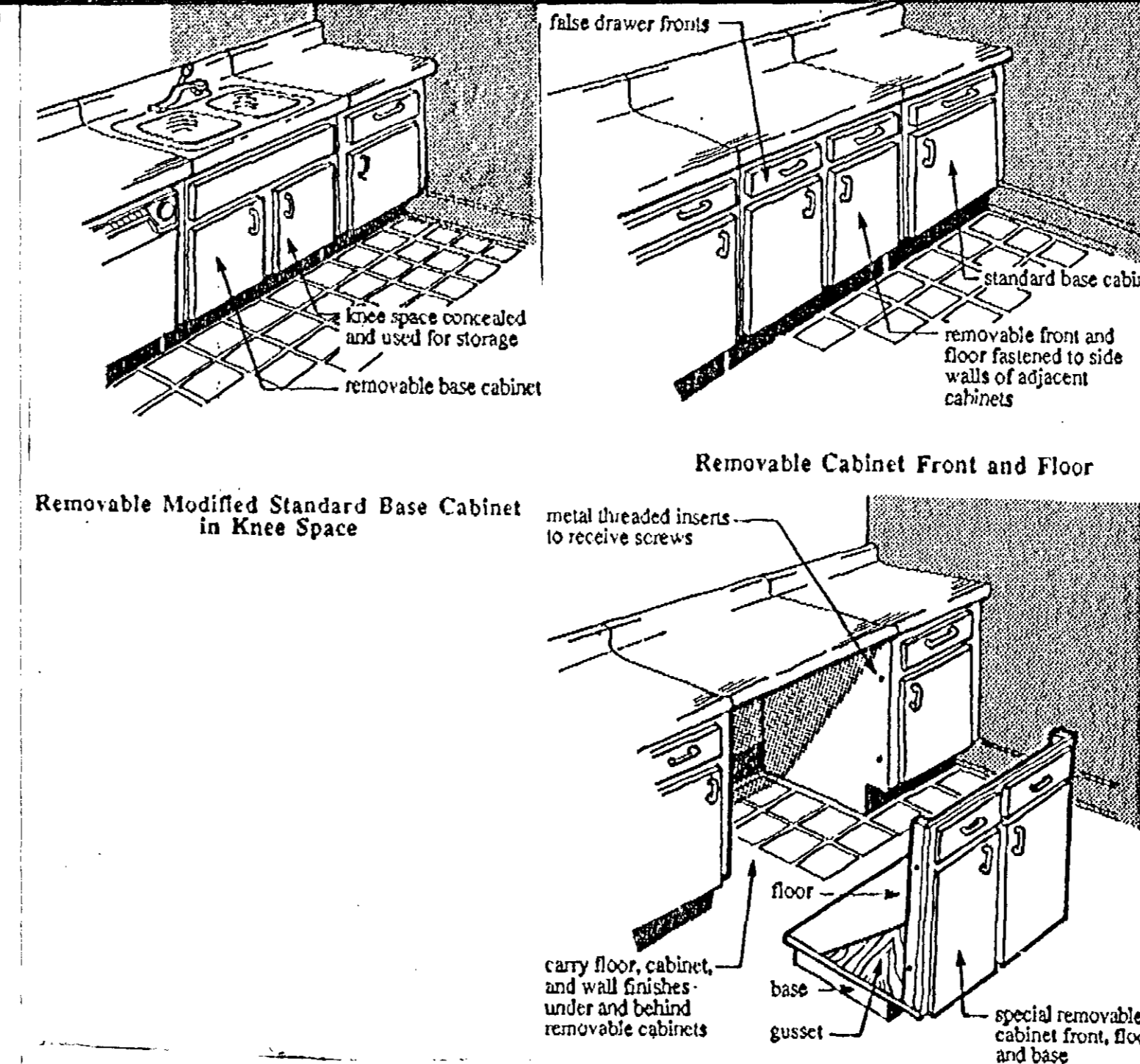
NOTE! DELETE SOFFITS OVER ALL KITCHEN CABINETS



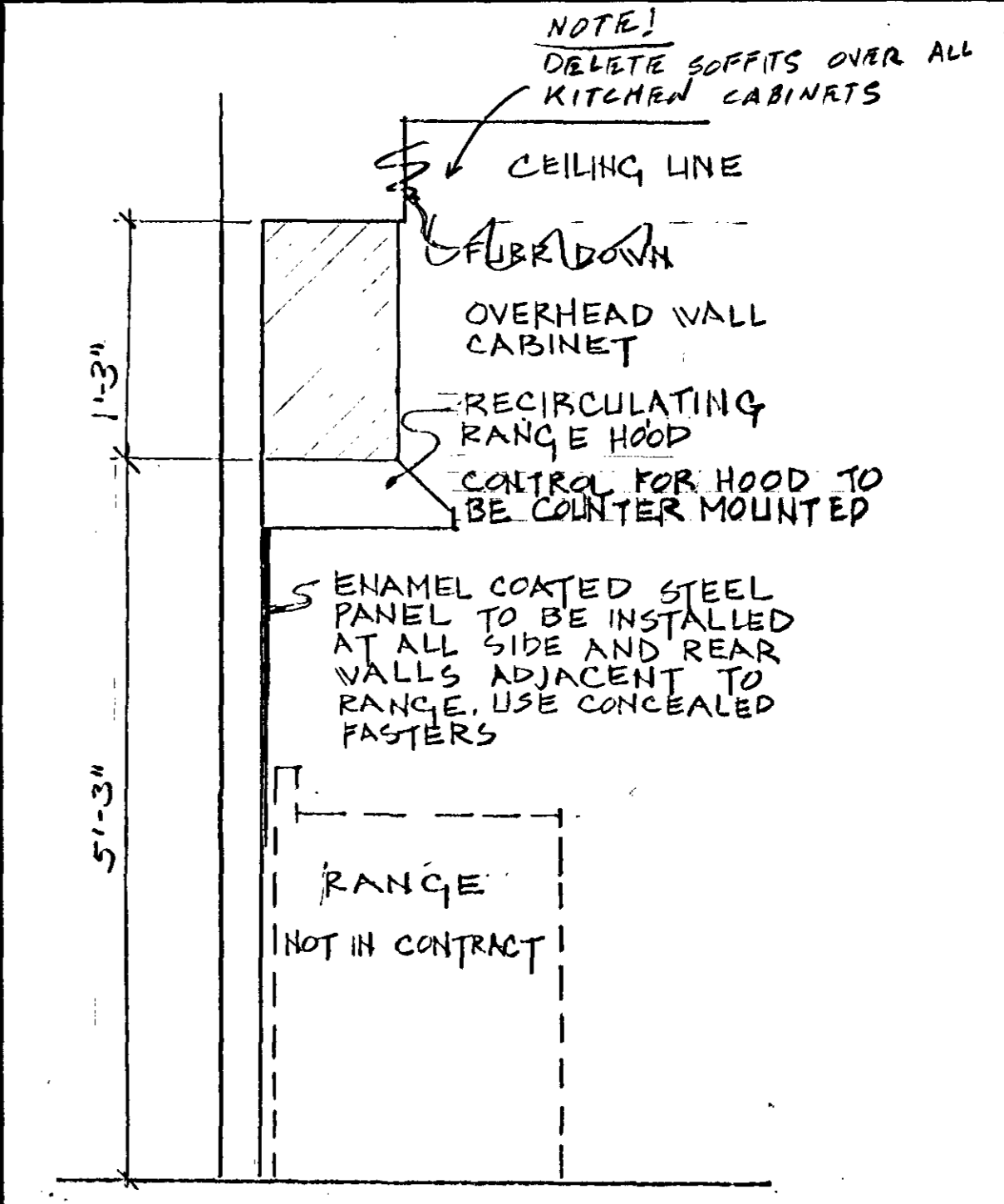
1 TYPICAL OVERHEAD & BASE CABINETS
SCALE: 3/4" = 1'-0"



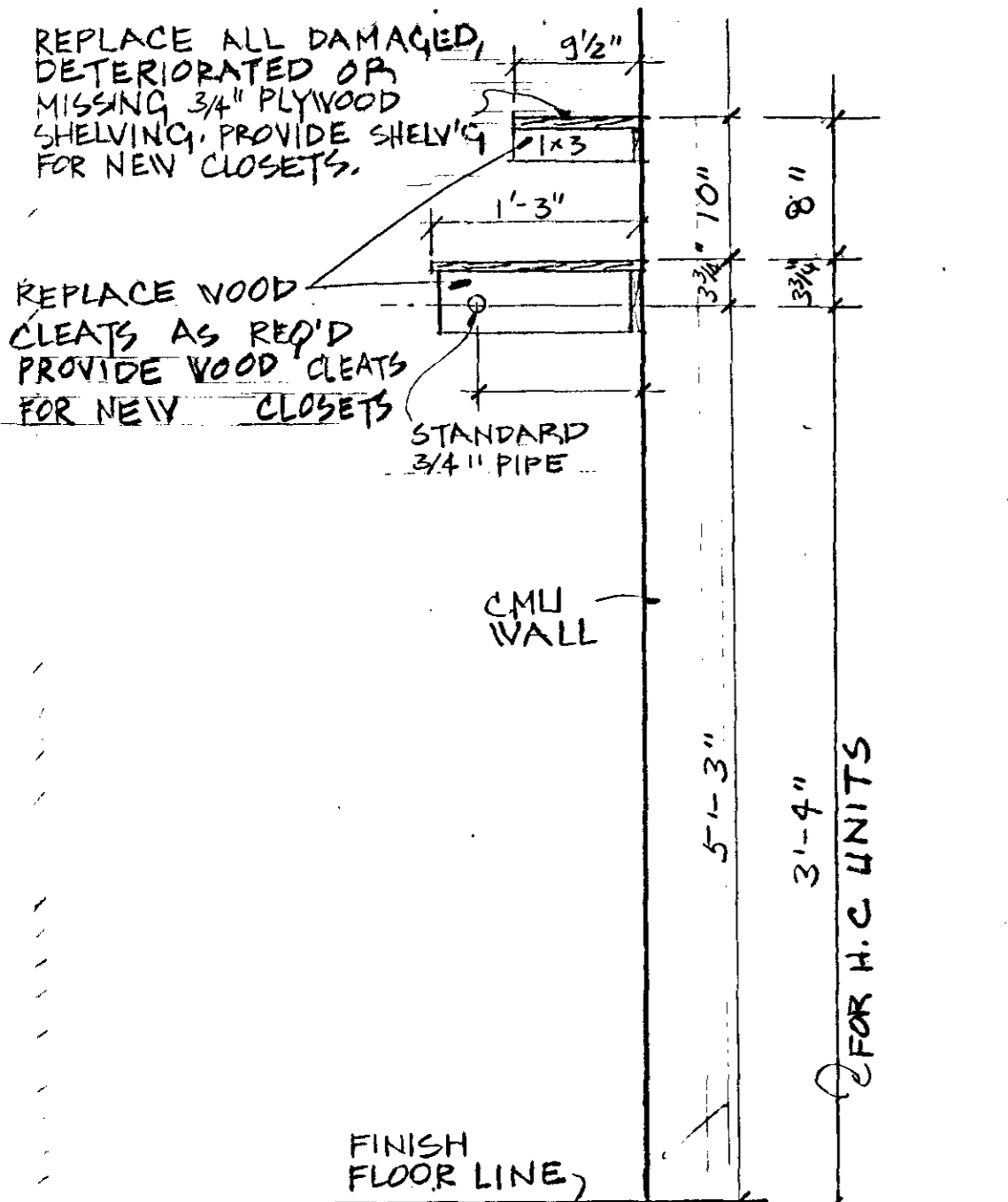
2 CABINET SECTION AT H.C. UNITS
SCALE: 3/4" = 1'-0"



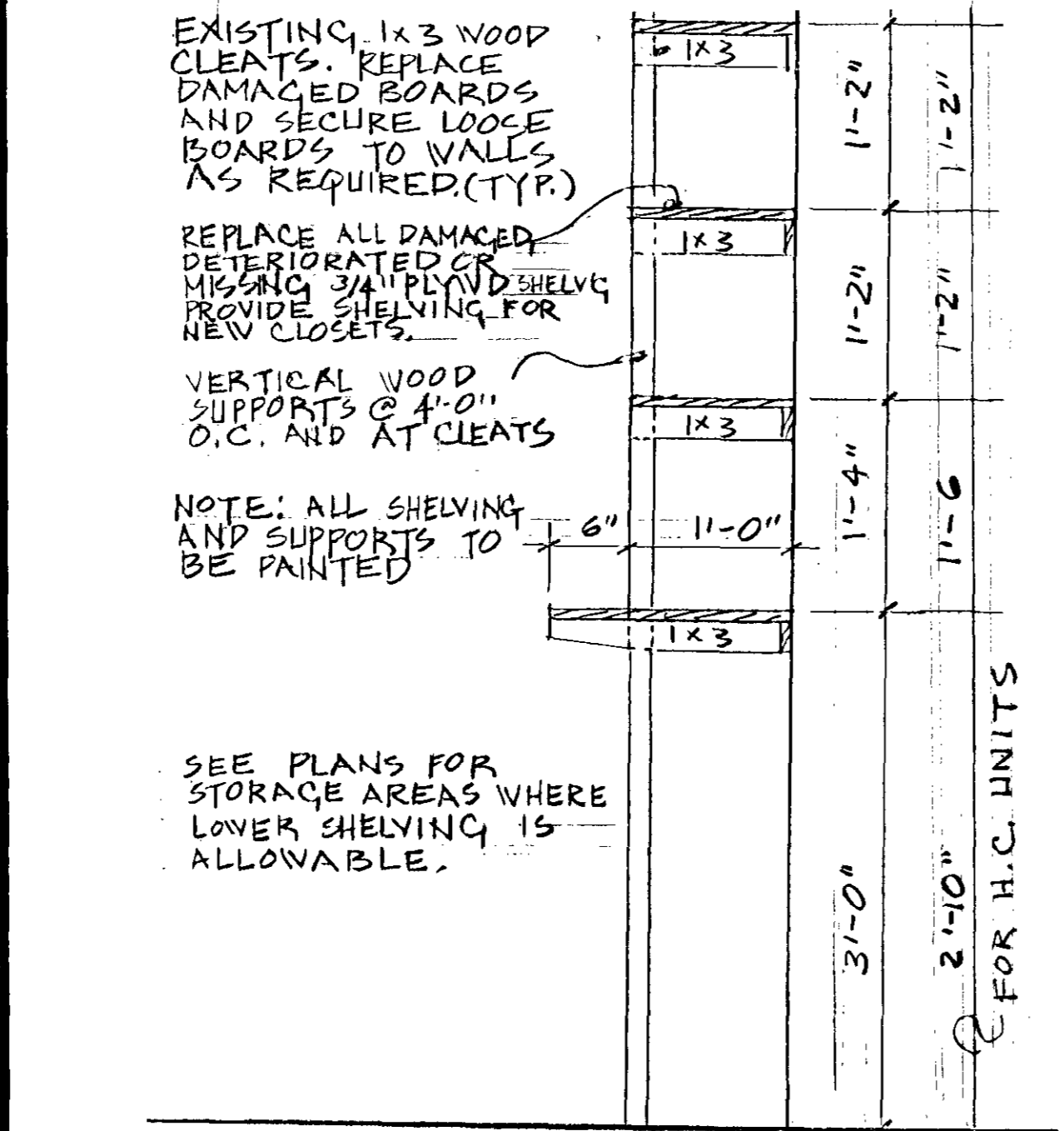
3 REMOVEABLE CABINET AT H.C. UNITS
N.T.S.



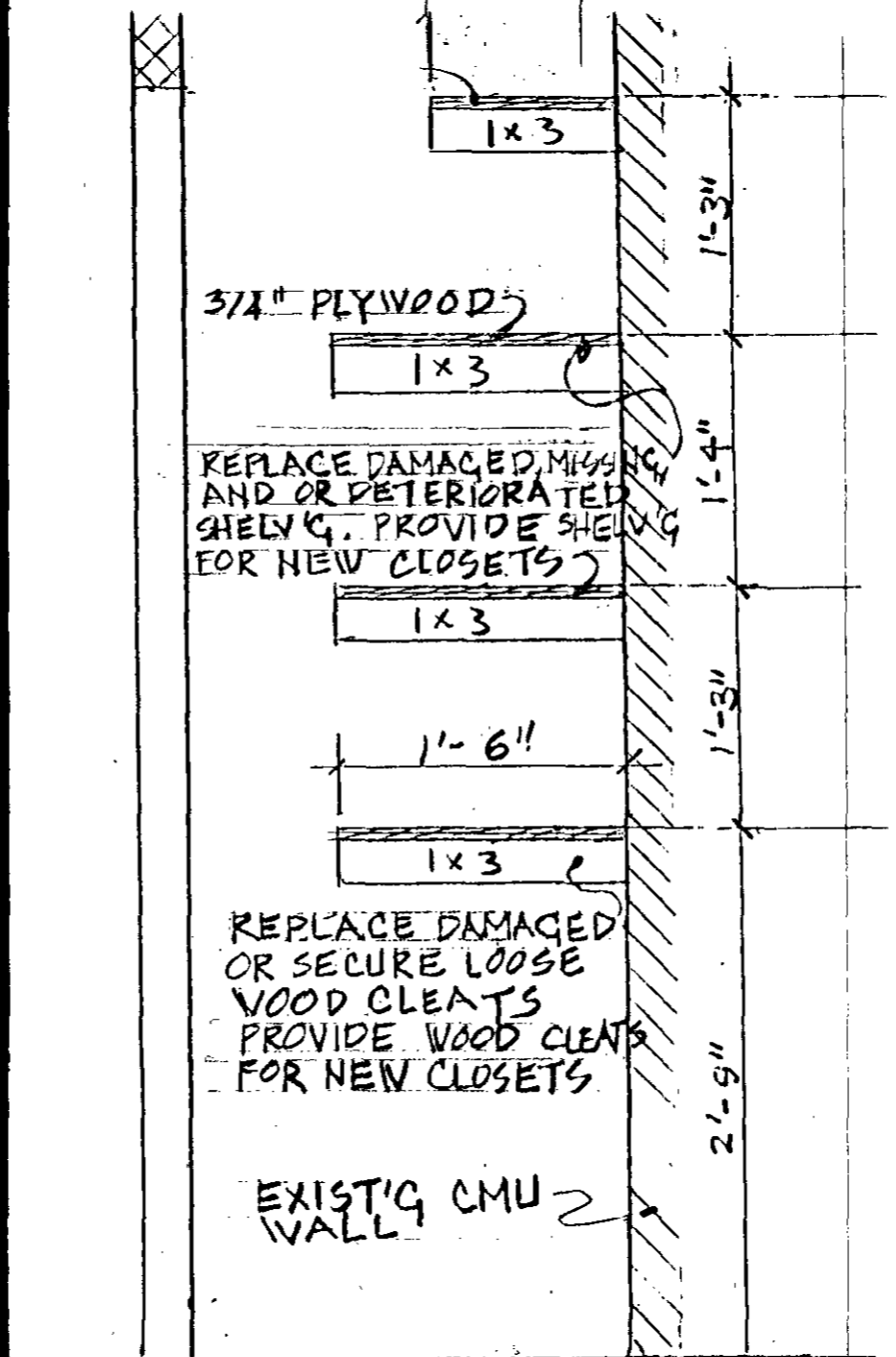
3a TYPICAL DET. AT RANGE HOOD
SCALE: 1" = 1'-0"



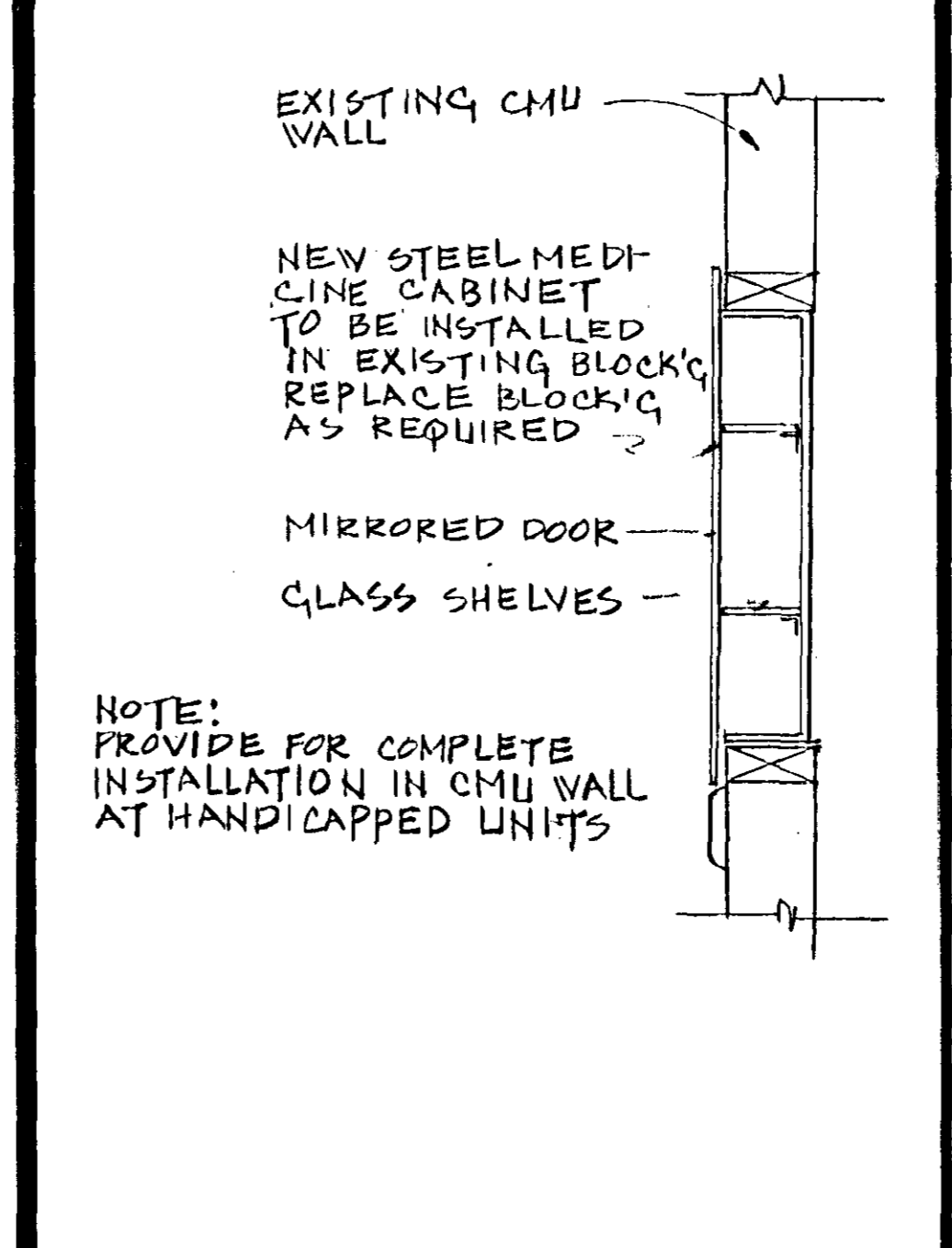
4 SECTION AT BEDROOM AND COAT CLOSETS
SCALE: 1" = 1'-0"



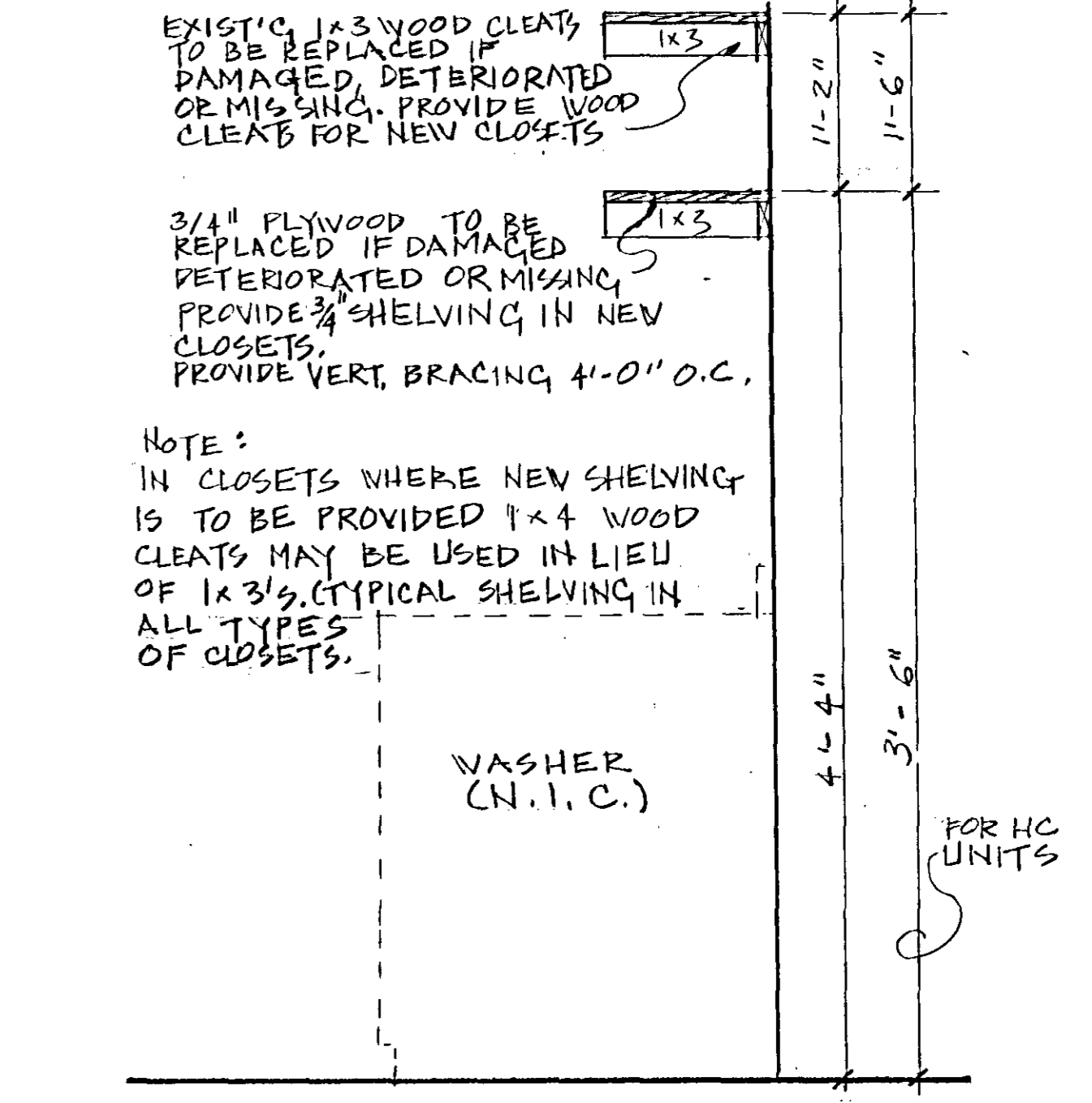
5 SHELVING IN STORAGE AREAS
SCALE: 1" = 1'-0"



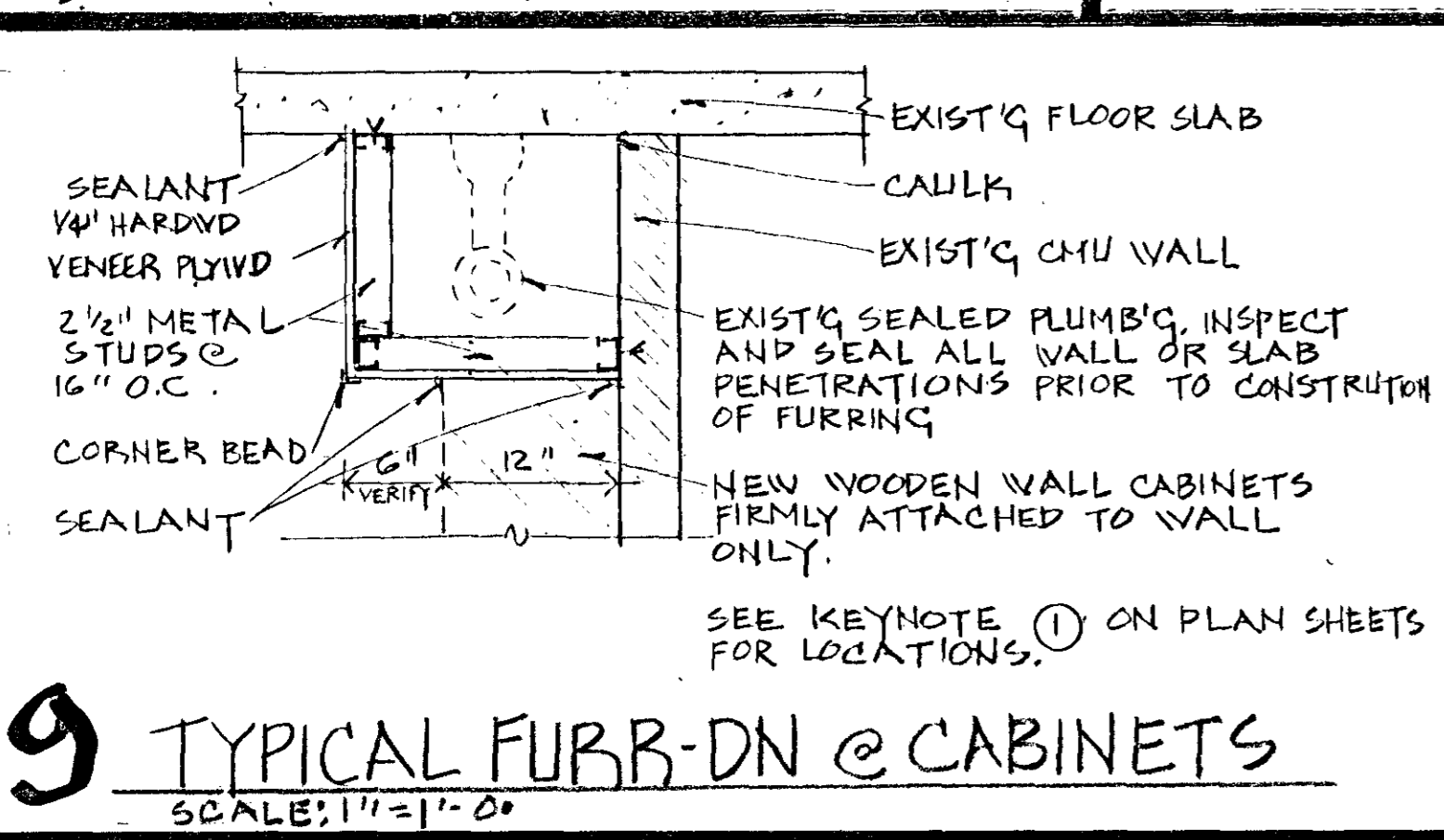
6 SHELVING AT LINEN CLOSET
SCALE: 1" = 1'-0"



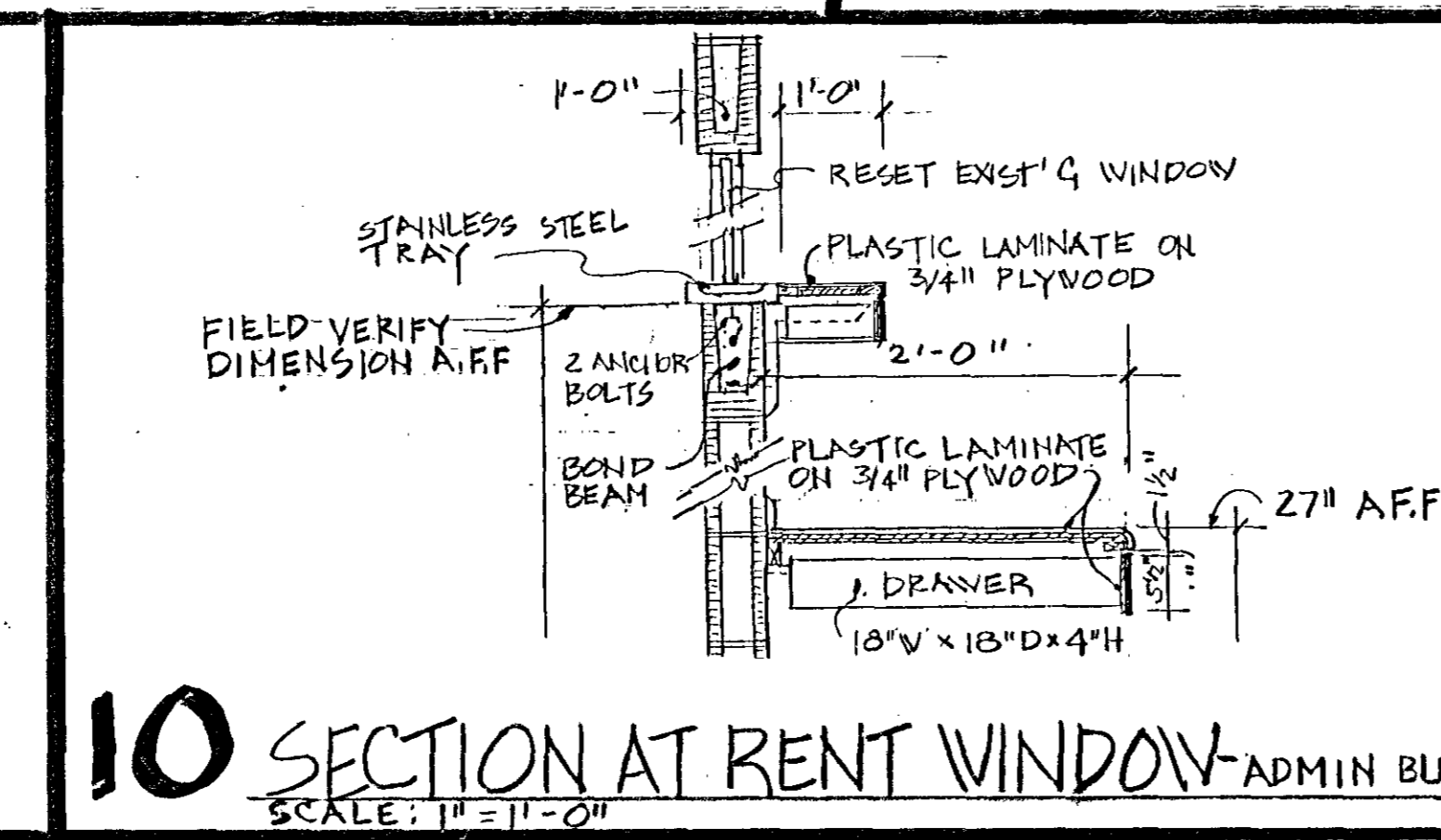
7 DETAIL AT NEW MEDICINE CABINET
SCALE: 1" = 1'-0"



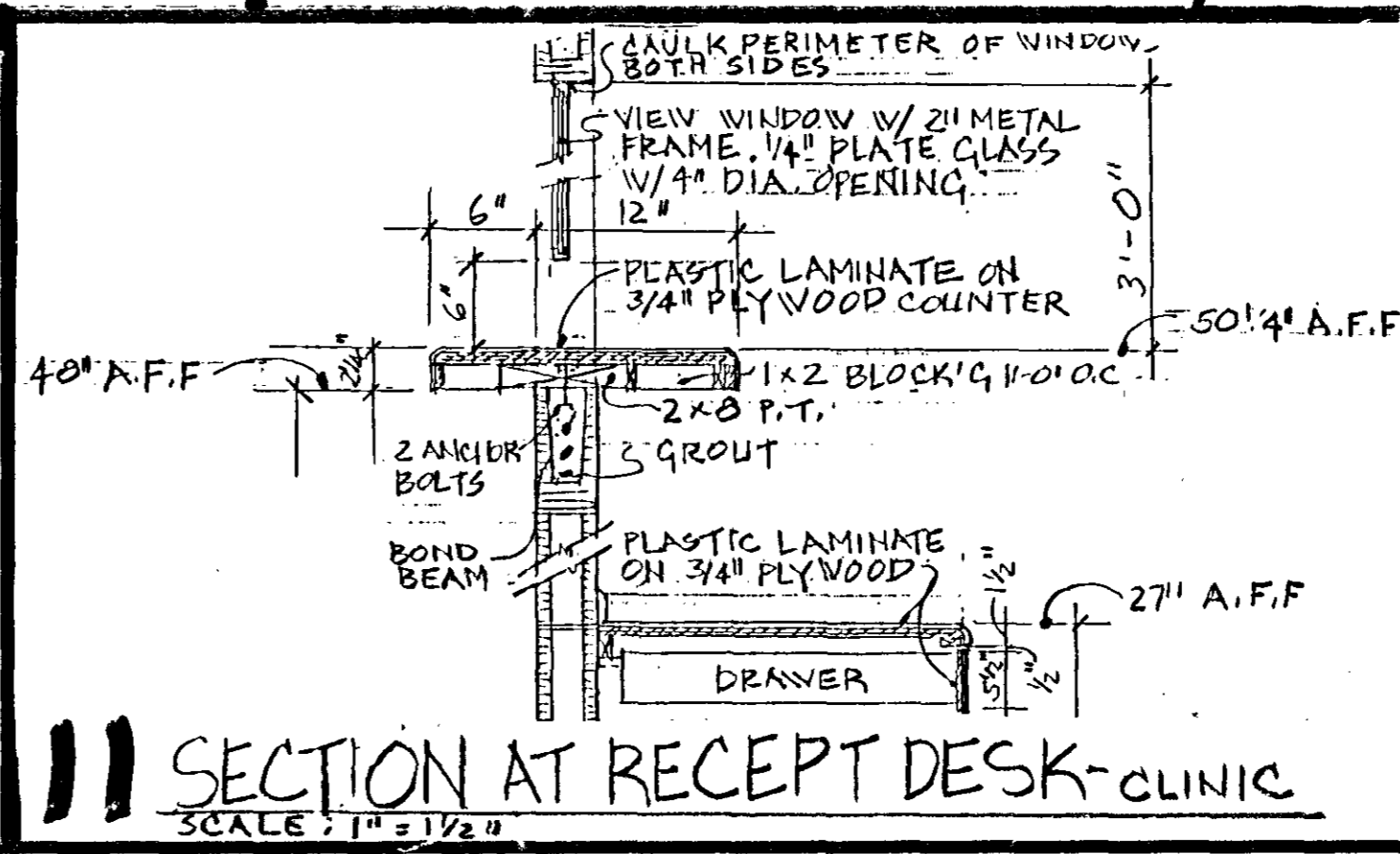
8 SHELVING OVER WASH. MACH.
SCALE: 3/4" = 1'-0"



9 TYPICAL FURR-DN @ CABINETS
SCALE: 1" = 1'-0"



10 SECTION AT RENT WINDOW-ADMIN BLDG
SCALE: 1" = 1'-0"



11 SECTION AT RECEIPT DESK-CLINIC
SCALE: 1" = 1'-0"

DETAILS

NO.	DATE	REVISION

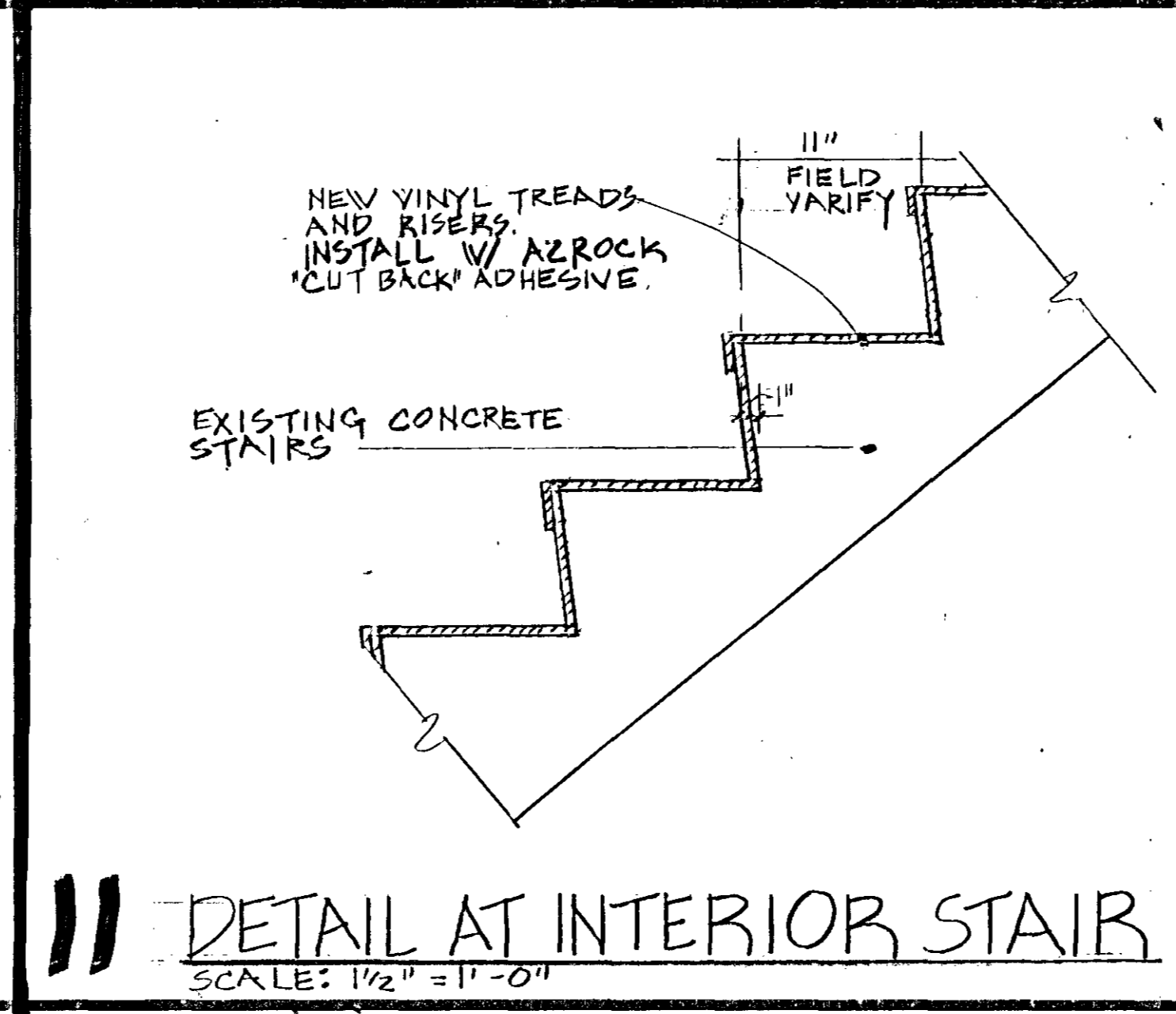
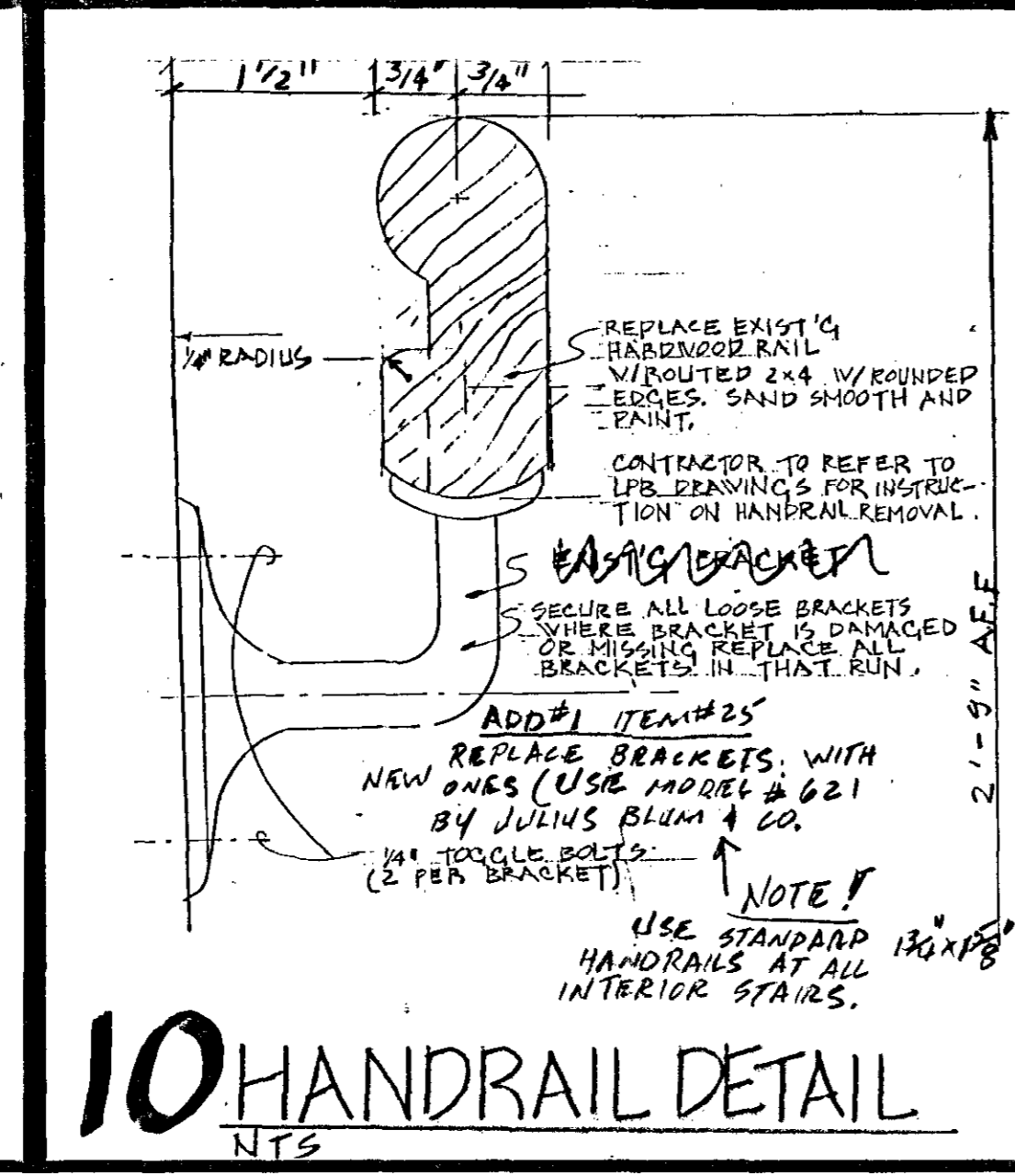
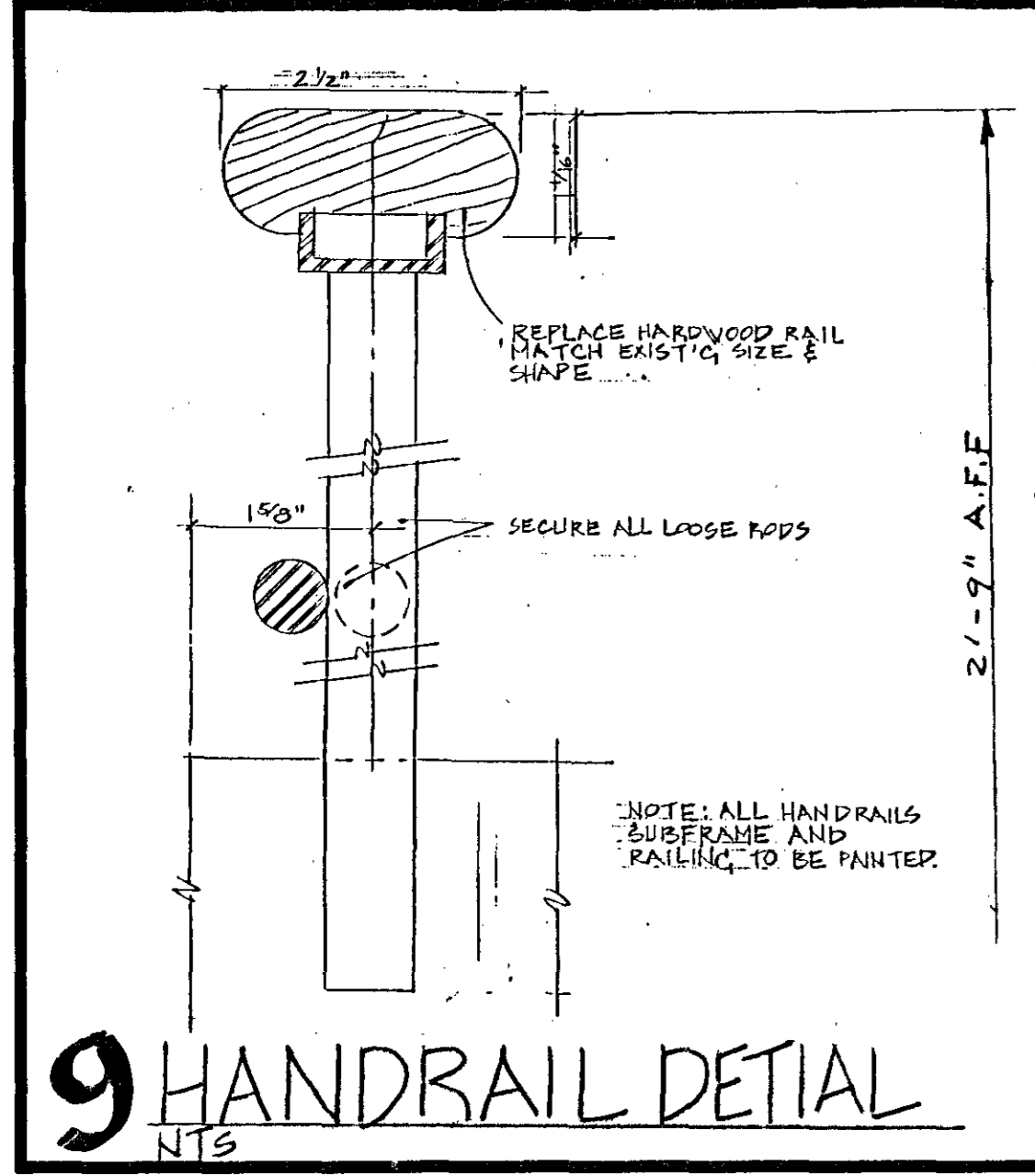
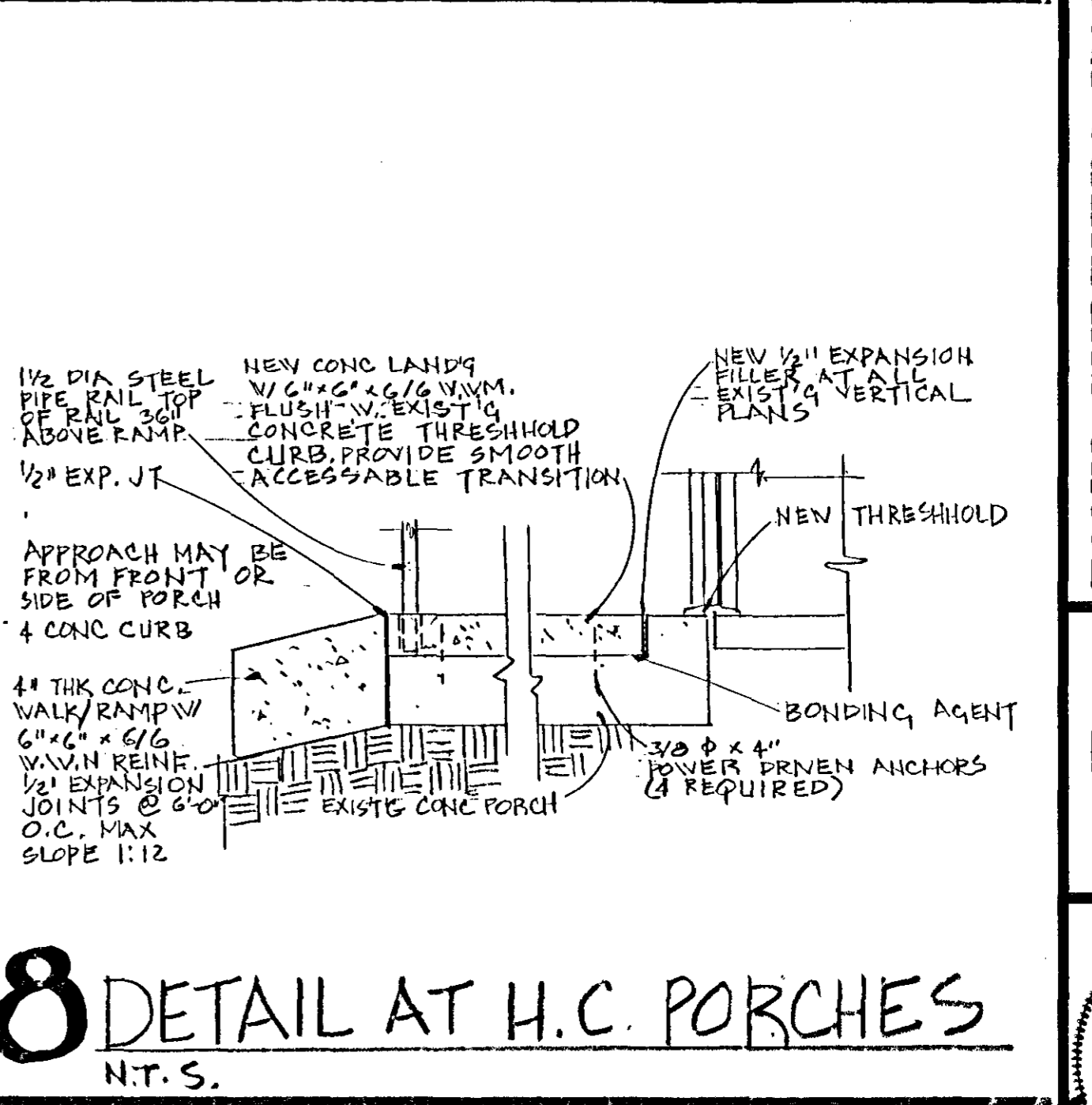
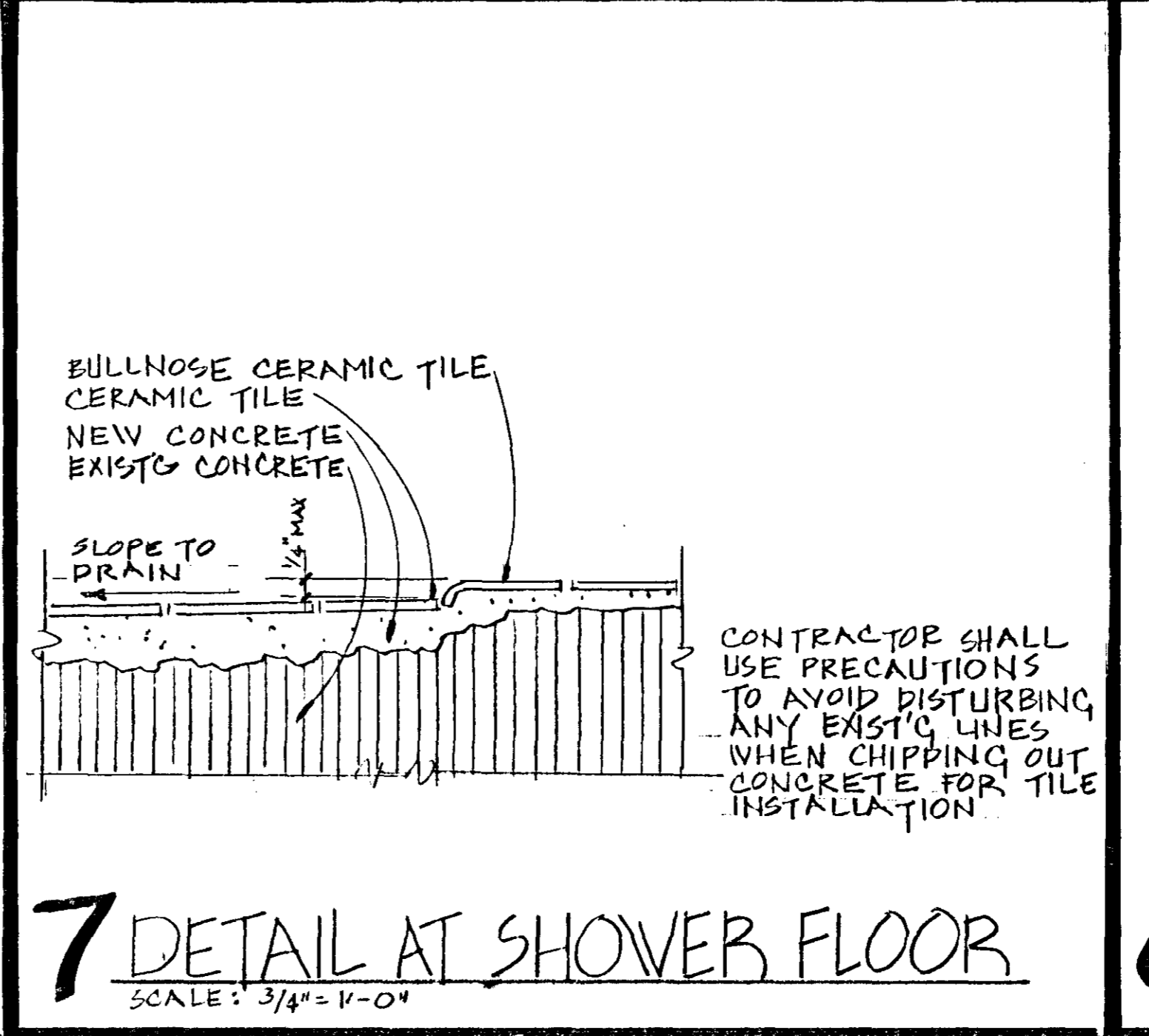
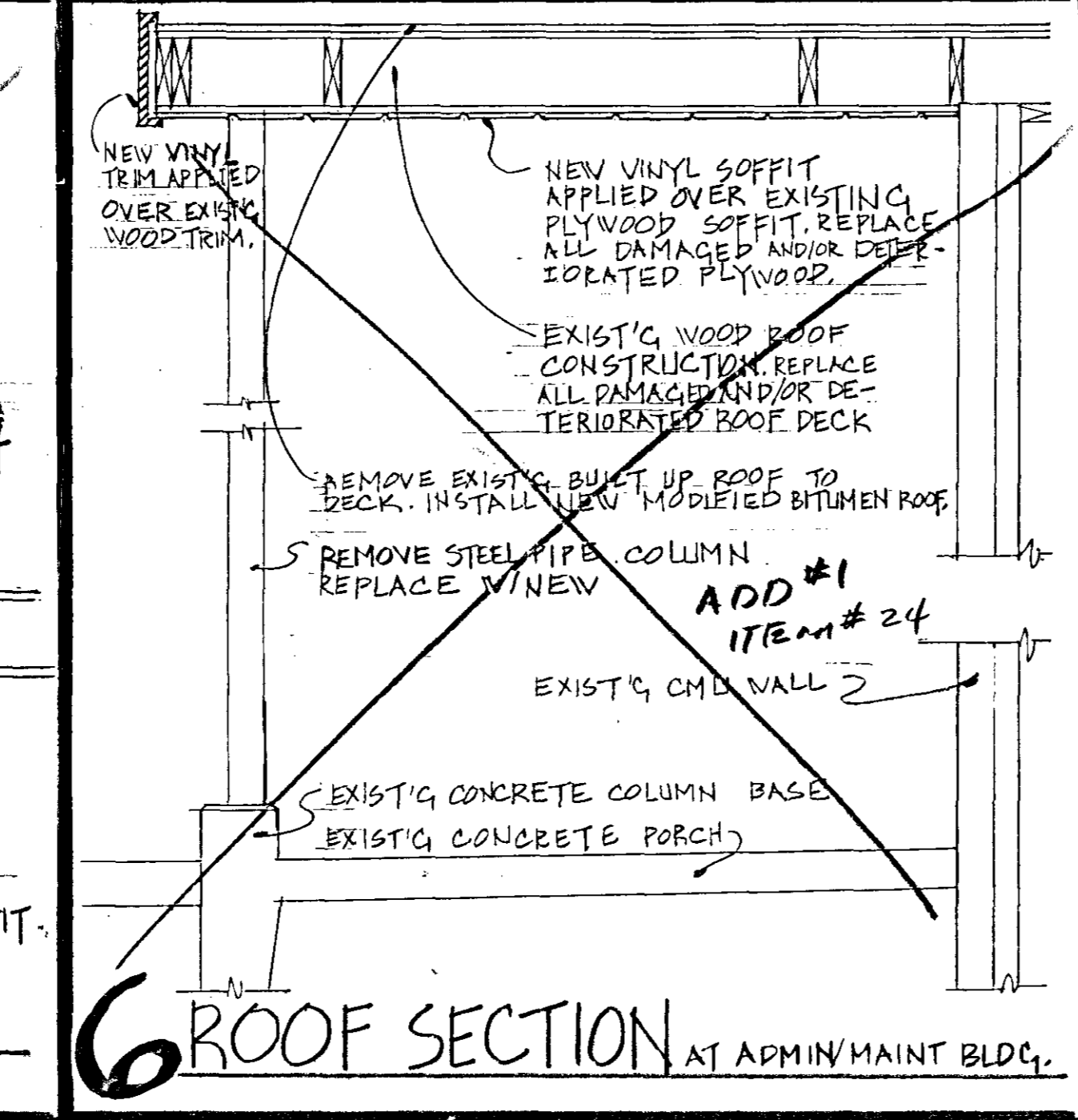
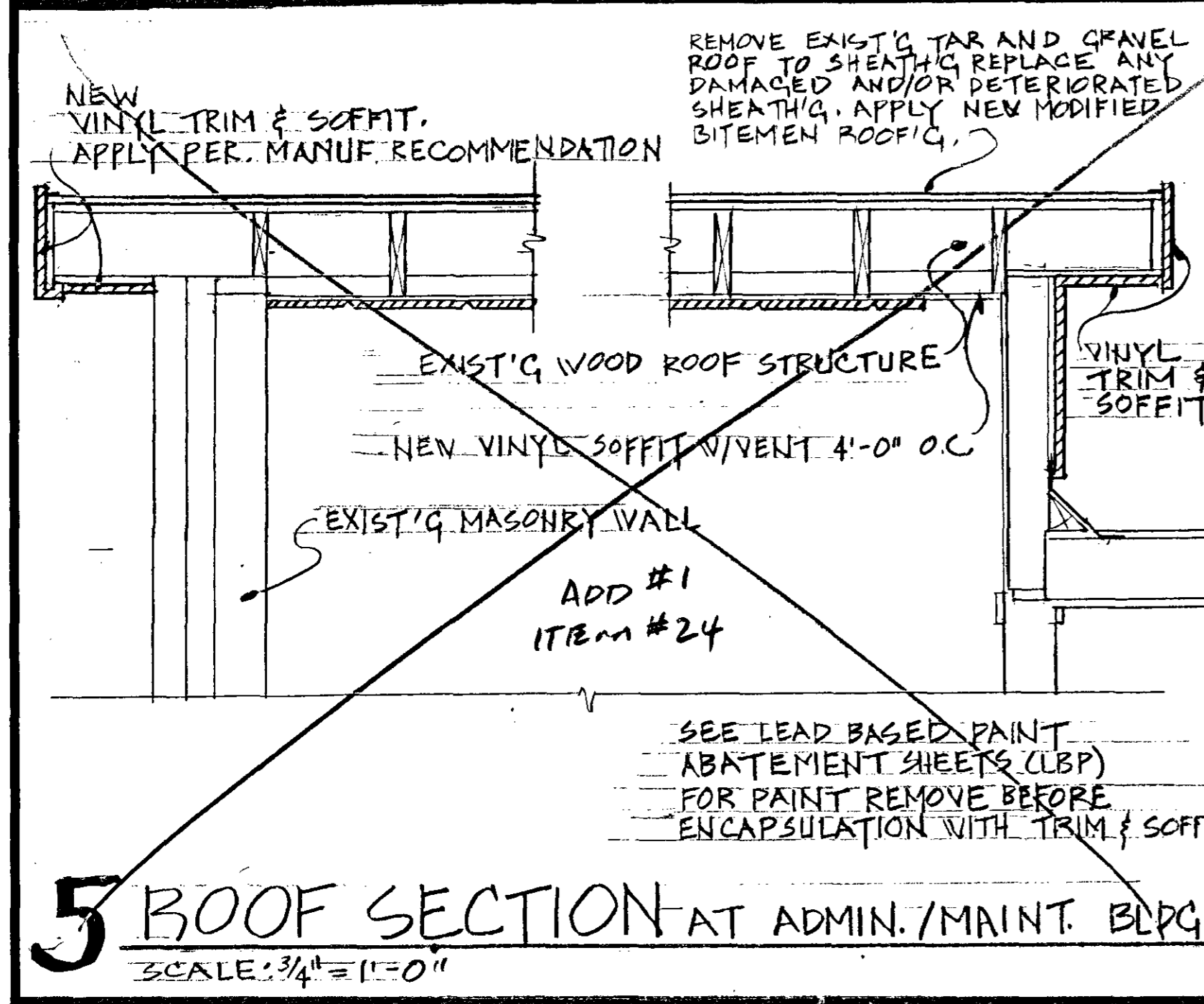
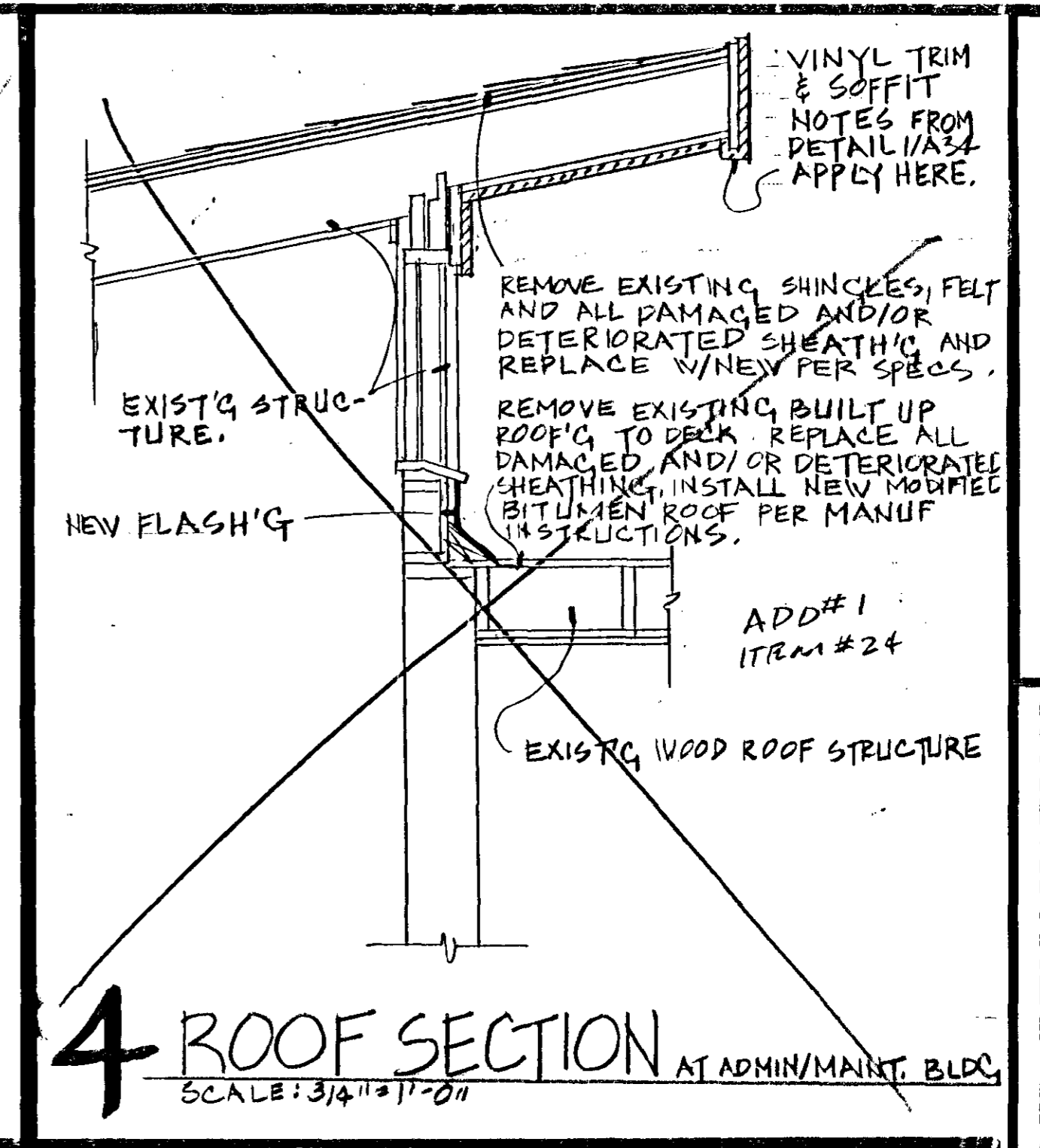
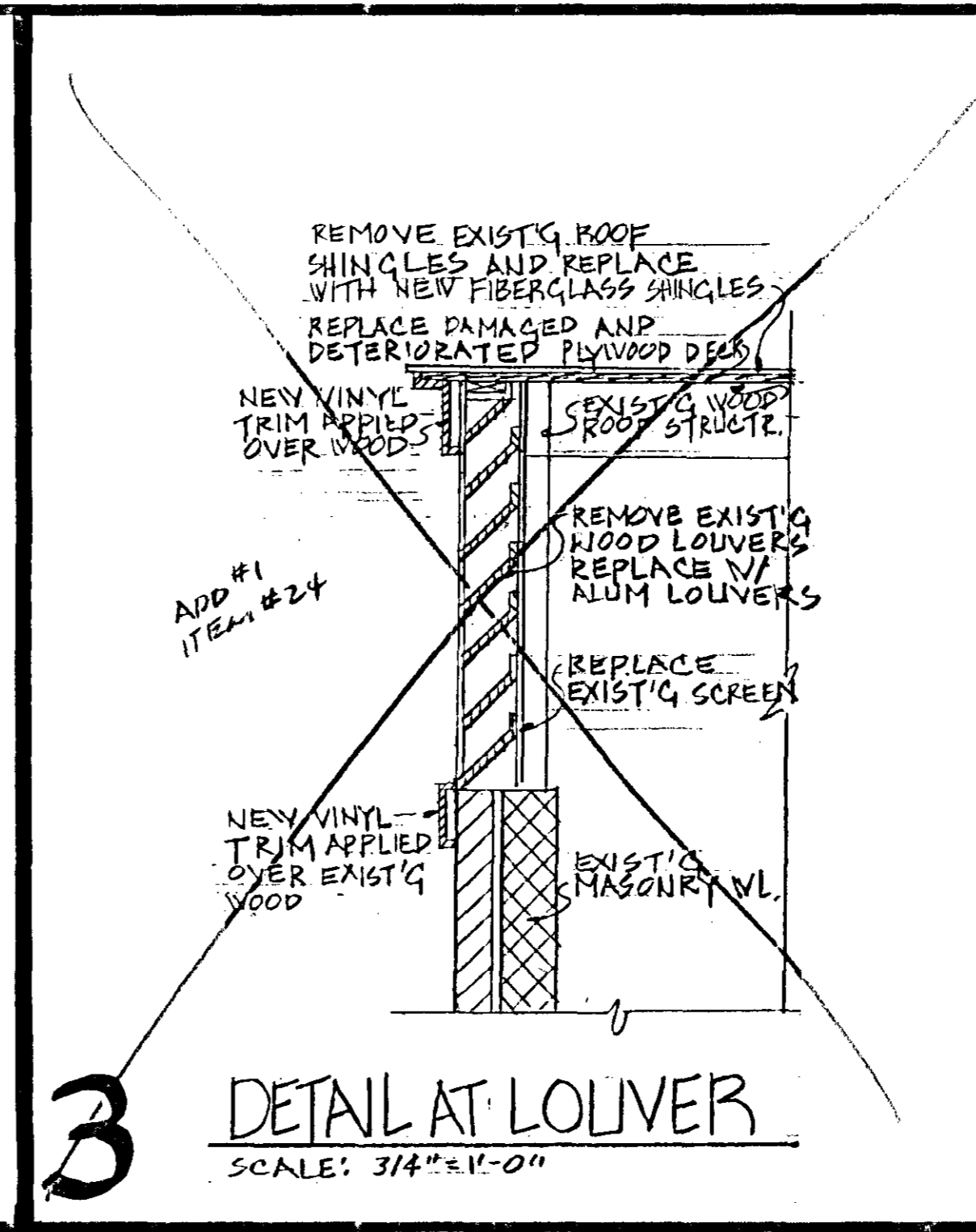
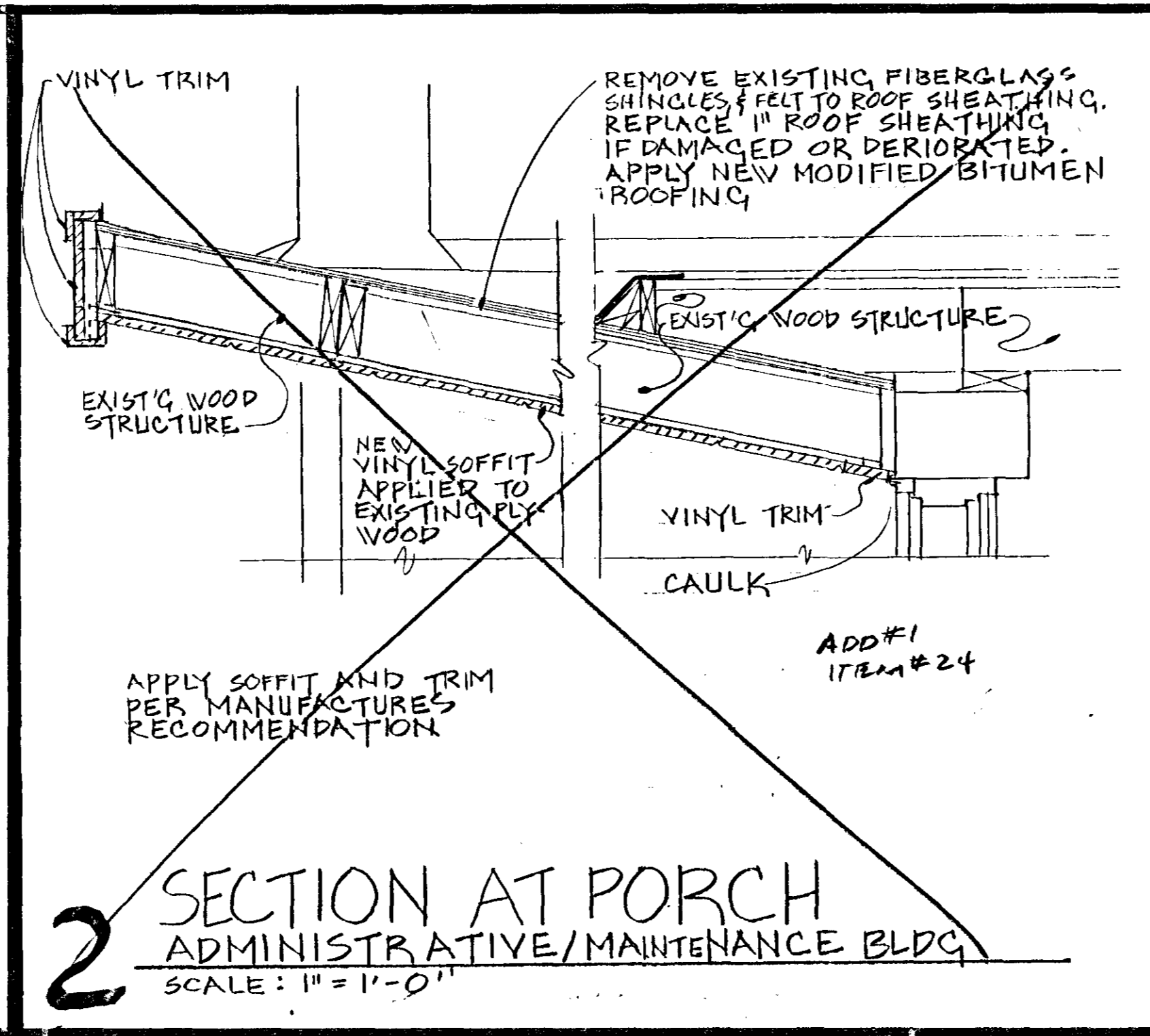
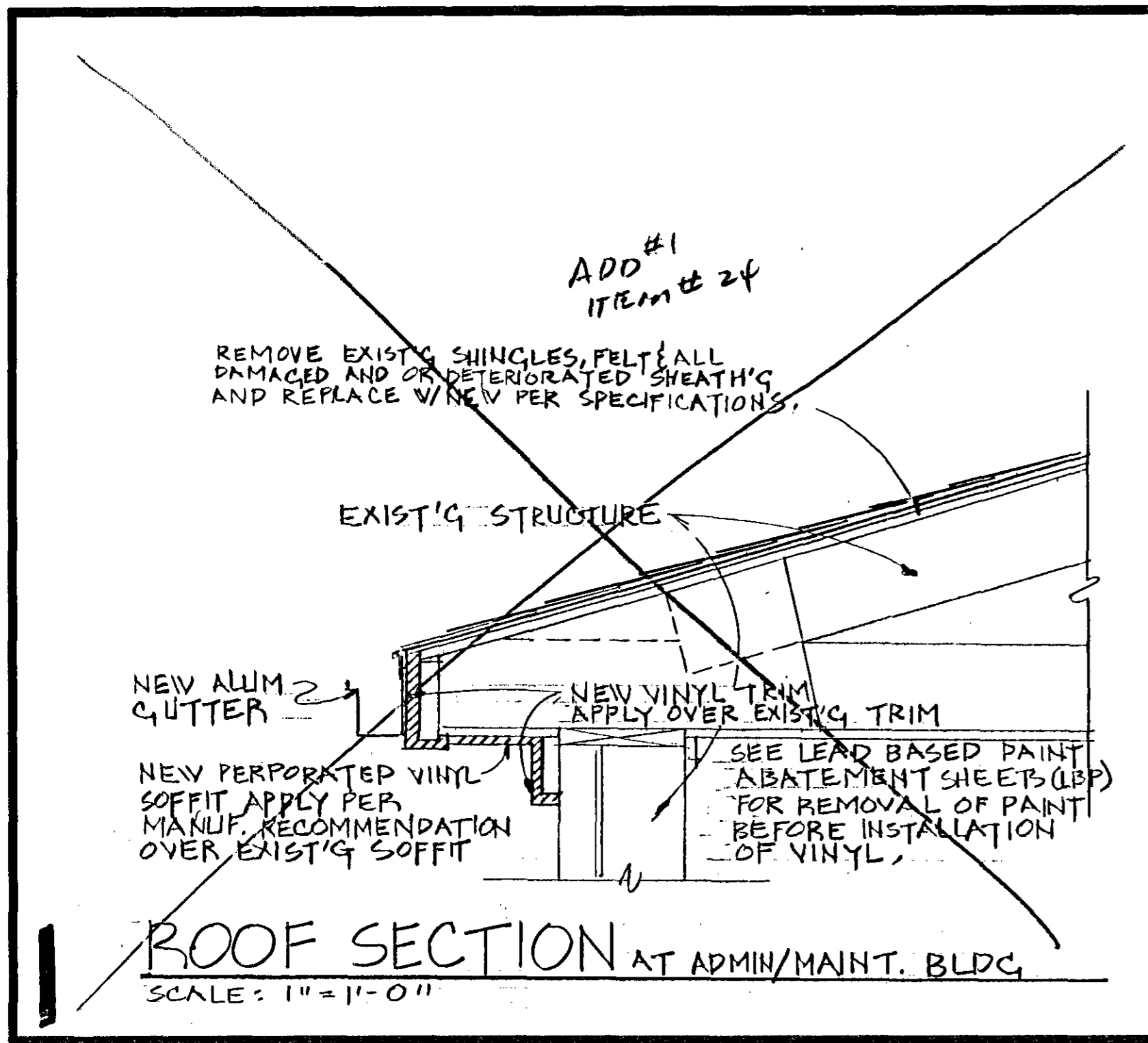
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engineers • planners • architects
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220 Athens Way • Nashville, Tennessee 37208
Telephone 615/254-2170

TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

WR&J Project No.: 324-431-01
DATE: 8/3/93

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A-33



DETAILS

NO.	DATE	REVISION

A-34

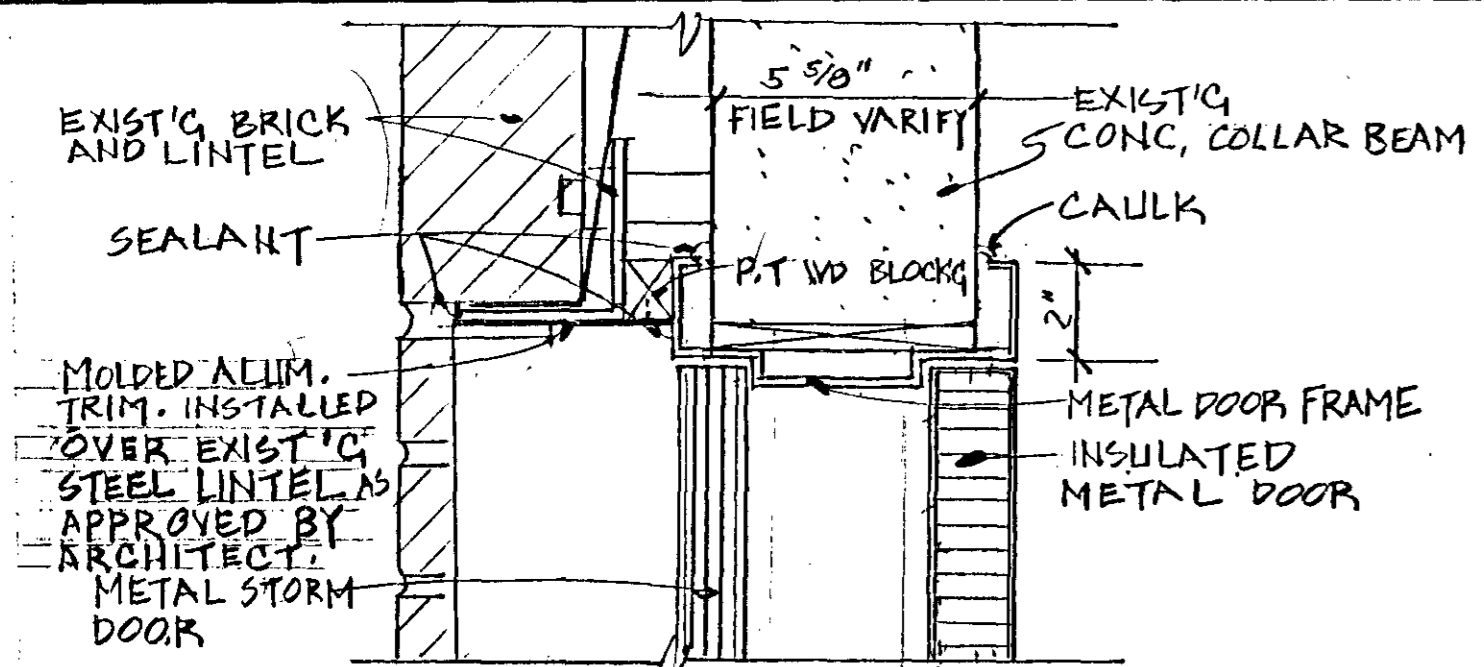
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TONY SUDEKUM HOME RENOVATION
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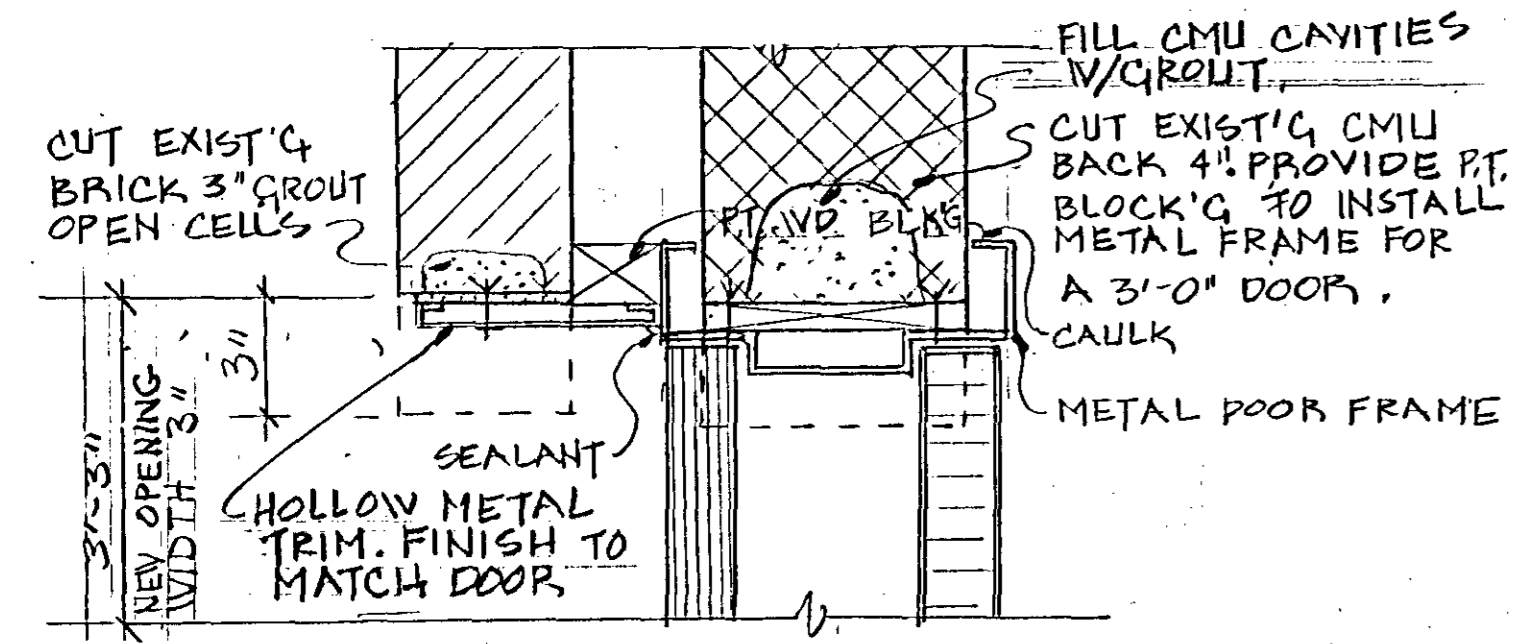
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE

GREGORY V. DIXON
REGISTERED PROFESSIONAL ARCHITECT
STATE OF TENNESSEE
NO. 0000000000

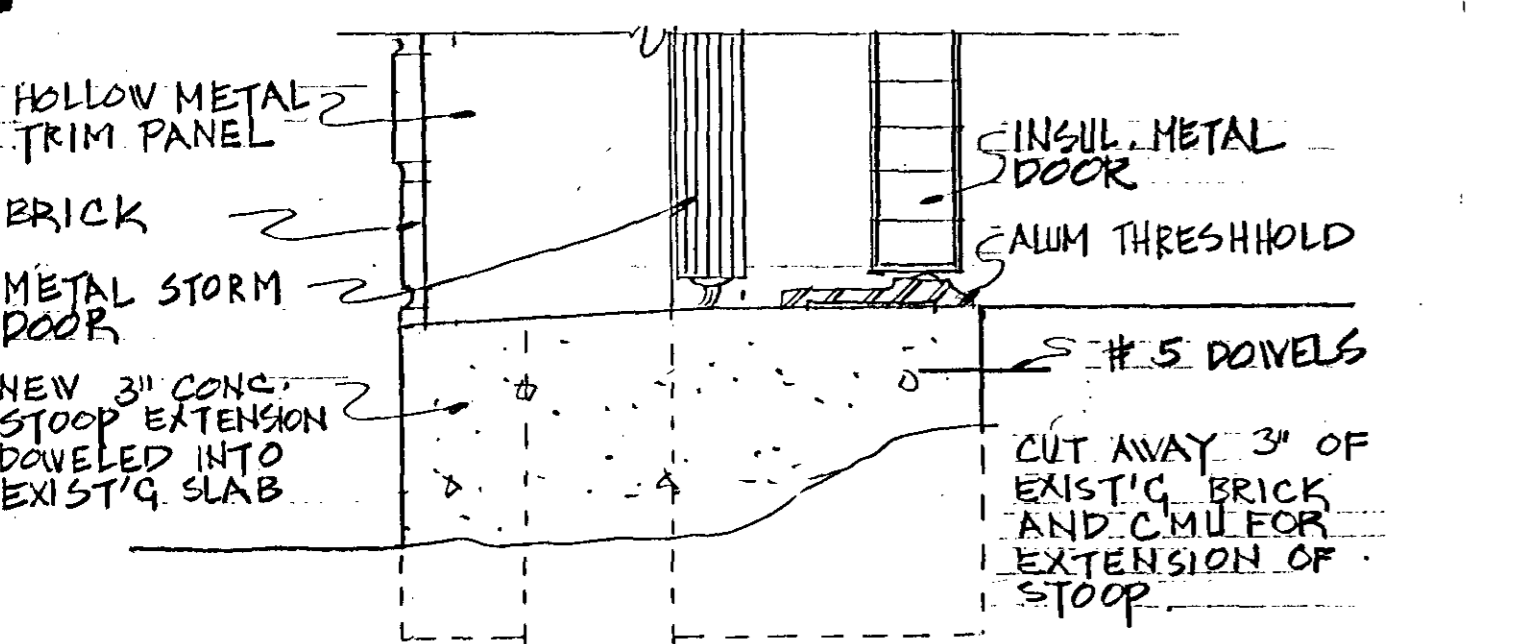
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1 HEAD



2 JAMB

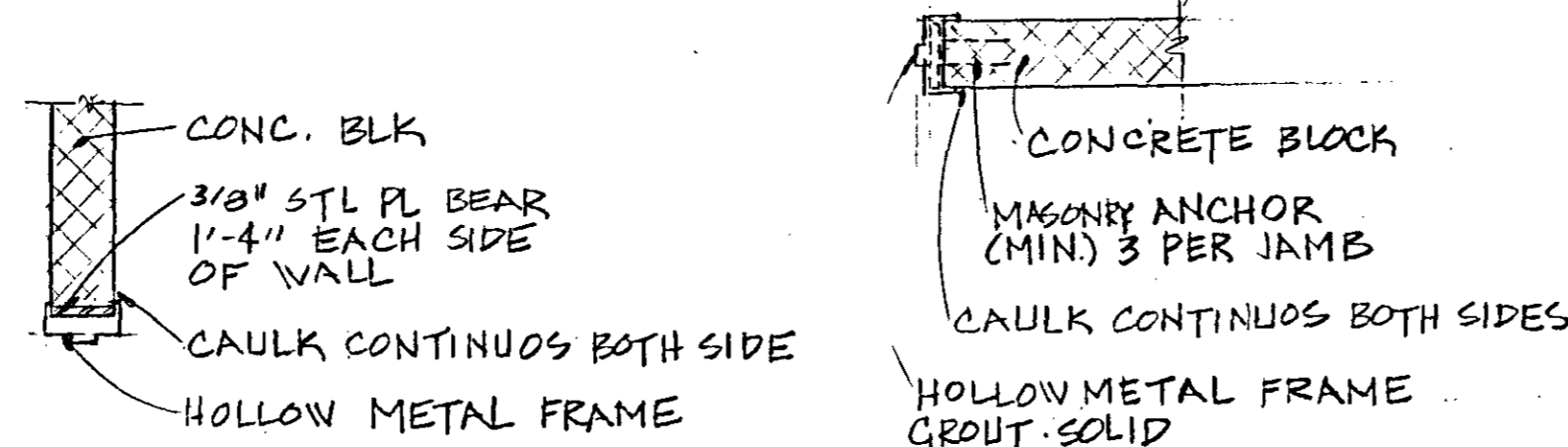


3 SILL

- NOTES:
- REMOVE EXISTING DOOR, FRAME AND BLOCKING. THOROUGHLY INVESTIGATE THE EXISTING CONDITIONS AT EACH OPENING.
 - DOOR OPENING TO BE WIDENED 3" TO ACCOMMODATE A 3'-0" X 6'-8" METAL DOOR & FRAME. AS-BUILT DRAWINGS INDICATE THE STEEL BRICK LINTELS EXTEND BEYOND OPENING 8" ON EITHER SIDE.
 - CONTRACTOR IS TO MAINTAIN A RECORD OF APARTMENT UNIT NUMBERS TO BE TRANSFERRED (PAINTED) TO NEW STORM DOOR WHEN INSTALLED.
 - CONTRACTOR TO VERIFY EXISTING LINTEL LENGTH IS SUFFICIENT TO MAINTAIN 3" MINIMUM BEARING ON BRICK. IN CONDITIONS WHERE LESS THAN 3" OF BEARING WOULD REMAIN, ADVISE A/B PRIOR TO ANY DEMOLITION.
 - CUT BLOCK AND BRICK IN ACCORDANCE WITH SPECIFICATIONS. MAINTAIN A STRAIGHT AND PLUMB SAWCUT OF BRICK.
 - GENERALLY CUT CMU AND BRICK ON LATCH SIDE OF OPENING (REFER TO FLOOR PLANS).
 - EXTEND CONCRETE STOOP TO MATCH WIDTH OF WIDENED OPENING. DRILL EXISTING STOOP AND FOUNDATION AND DOWEL EXTENDED STOOP. RUB EXTENSION AND EXISTING STOOPS TO ACQUIRE SAME APPEARANCE.
 - REAR DOOR OPENINGS ARE NOT TO BE WIDENED. EXISTING REAR DOOR HEAD, JAMB, SILL AND THRESHOLD TO BE REPLACED WITH NEW METAL ENTRANCE AND STORM DOOR. DETAILS ARE SIMILAR.

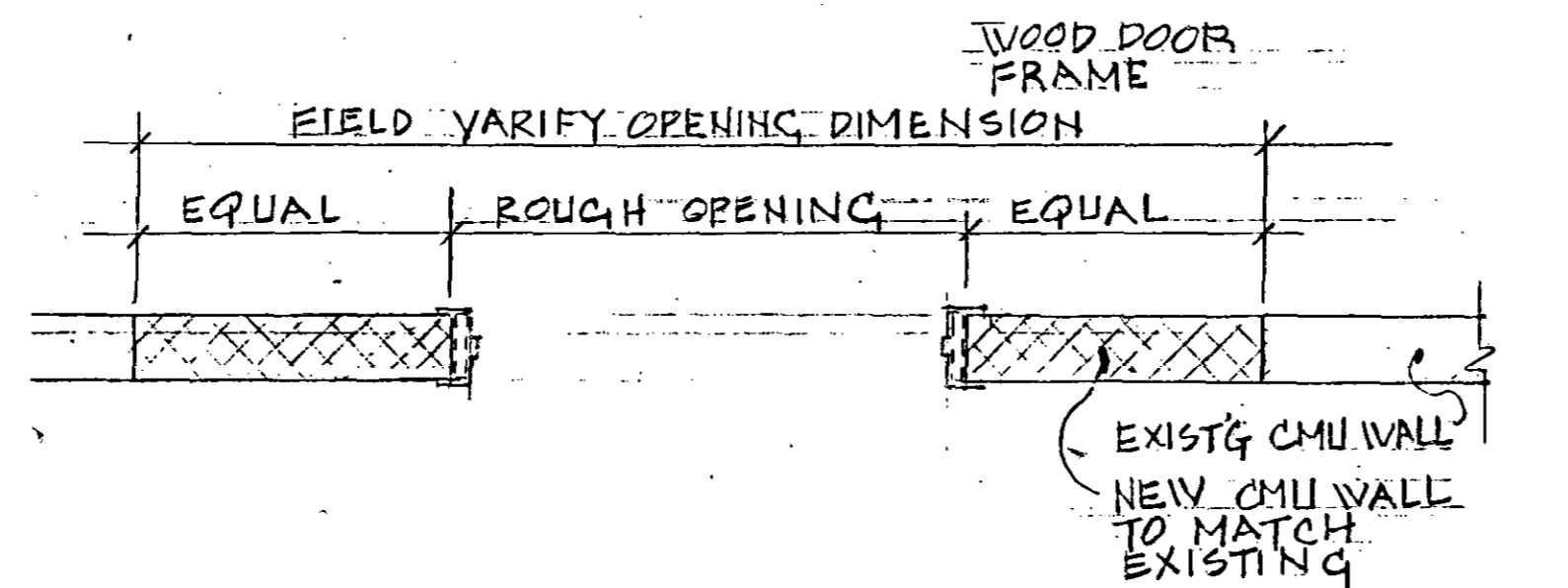
DETAILS AT DOOR FRAMES
TYPE 1

SCALE: 3" = 1'-0"
(SEE SHEET A-32 FOR DOOR SCHEDULE)



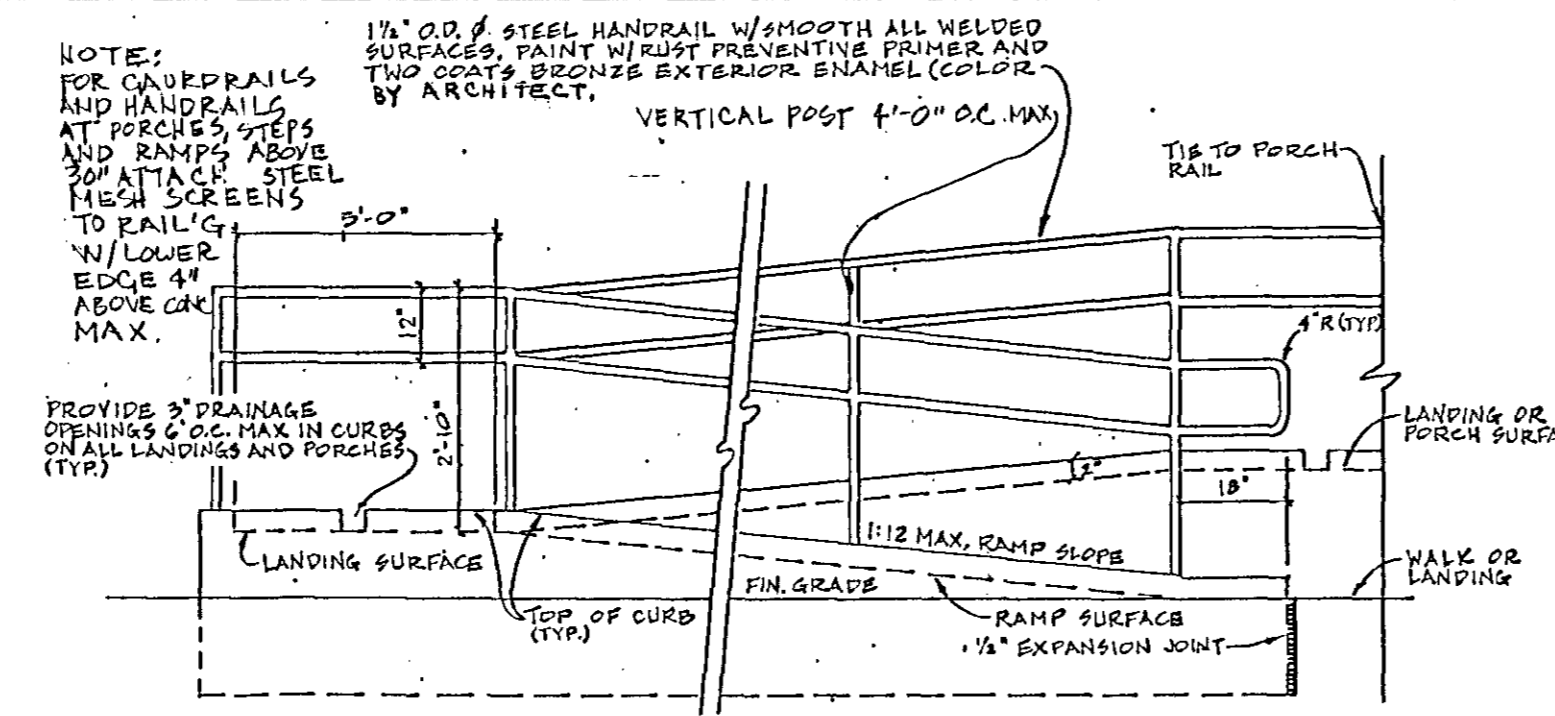
4 HEAD 5 JAMB
DETAILS AT DOOR FRAMES
TYPE 2

SCALE: 1/2" = 1'-0"
(SEE SHEET A-32 FOR DOOR SCHEDULE)

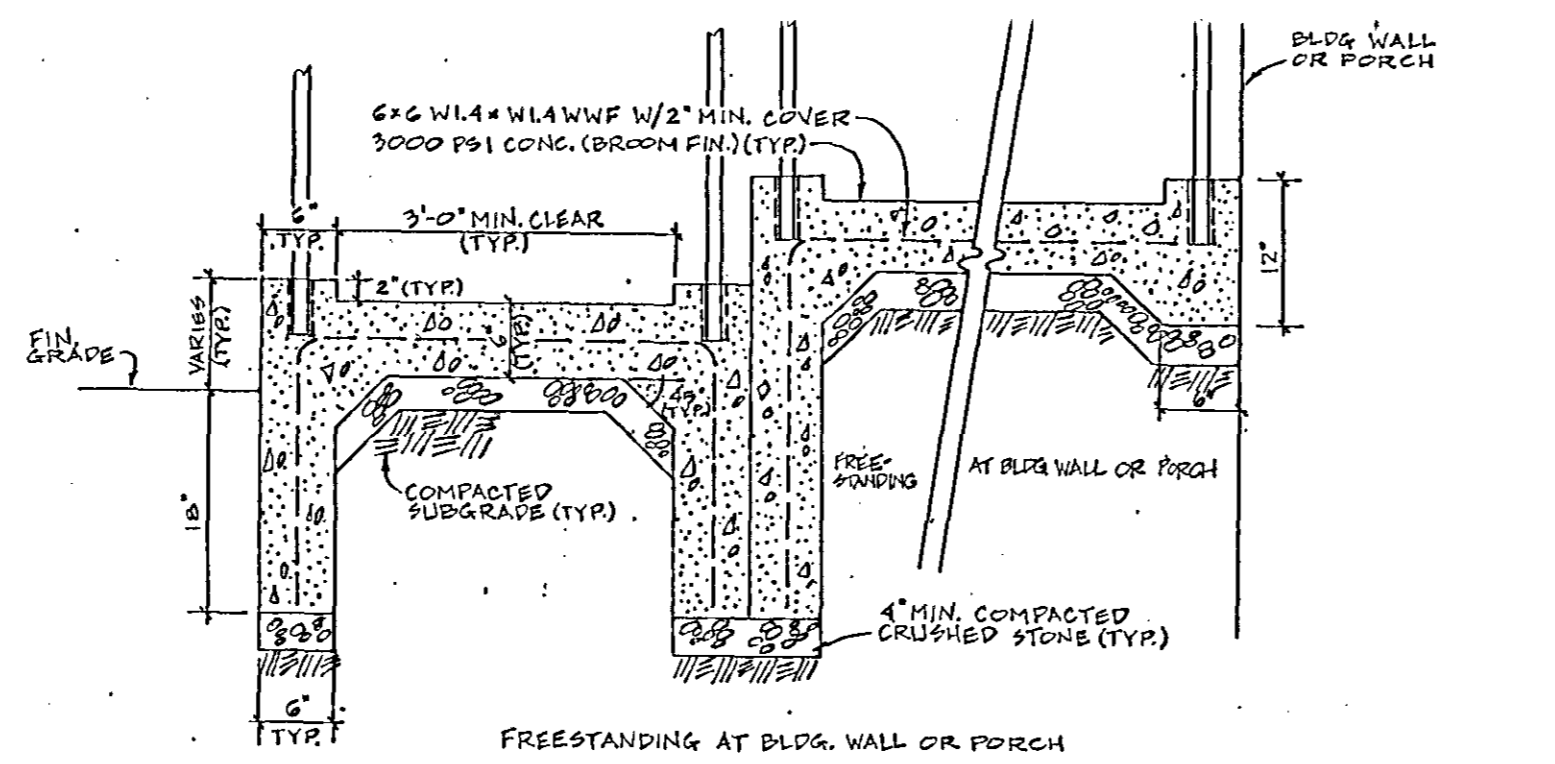


6 TYPICAL DETAIL @ BEDROOM CLOSETS

SCALE: 1/2" = 1'-0"



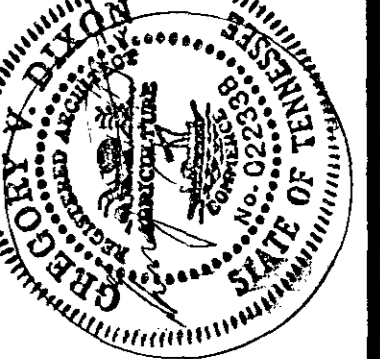
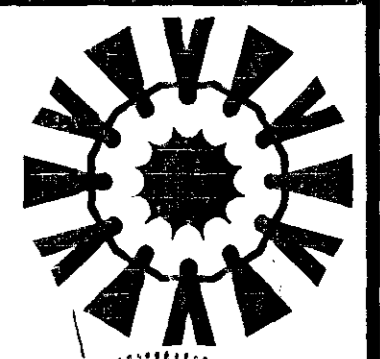
7 RAMP SECTION - LONGITUDINAL
N.T.S.



8 RAMP SECTION - TRANSVERSE

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TONY SUDEKUM HOME RENOVATION
TN005-005
METROPOLITAN DEVELOPMENT & HOUSING AGENCY
OF NASHVILLE & DAVIDSON COUNTY
NASHVILLE, TENNESSEE



WR&J Project No.:
18093101
DATE: 6/4/93

NO.	DATE	REVISION

SHEET TITLE