SANTA ROSA MUNICIPAL SERVICE CENTER

SCHUYLER L. JEFFRIES A.I.A. & ASSOCIATES ARCHITECTS

DETAILS / SECTIONS MATERIALS INDICATORS

- EARTH
- BASE ROCK
- SAND / MORTAR / PLASTER
- CONCRETE CAST IN PLACE OR PRECAST
- BRICK / BLOCK
- STONE INCLUDES MARBLE
- METAL
- METAL LATH & PLASTER
- WOOD, FINISH
- WOOD, FRAMING THROUGH MEMBER
- WOOD FRAMING INTERRUPTED MEMBER
- PLYWOOD
- GLASS
- ACOUSTICAL TILE OR BOARD
- GYPSUM BOARD DOUBLE LINES OMITTED AT SMALL SCALE
- INSULATION, BATT
- INSULATION, RIGID
- CERAMIC TILE
- TERRAZZO / BITUMINOUS CONCRETE (PROFILE)
- FIBER BOARD

PLAN MATERIALS INDICATORS

- EXISTING WALL (AS NOTED)
- FRAME
- CONCRETE TILT-UP
- CONCRETE PRE-CAST OR CAST-IN-PLACE
- MASONRY (WALL OR VENEER)
- MODULAR MASONRY UNITS
- CONCRETE FLATWORK
- ASPHALT PAVING

ELEVATIONS MATERIALS INDICATORS

- SIDING (BOARD/PATTERNED PLYWOOD)
- METAL
- PLYWOOD
- MASONRY
- CONCRETE/PLASTER
- AS NOTED
- CERAMIC TILE
- GLAZING

ABBREVIATIONS

&	AND
∠	ANGLE
@	AT
℄	CENTERLINE
[	CHANNEL
Ø	DIAMETER OR ROUND
(E)	EXISTING
⊥	PERPENDICULAR
#	POUND OR NUMBER
ℙ	PROPERTY LINE
ACOU	ACOUSTICAL
AD	AREA DRAIN
ADJ	ADJUSTABLE
AGG	AGGREGATE
AL	ALUMINUM
AP	ASPHALTIC PAVING
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASB	ASBESTOS
ASPH	ASPHALT
BD	BOARD
BITUM	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BOT	BOTTOM
CAB	CABINET
CB	CATCH BASIN
CEM	CEMENT
CER	CERAMIC
CH	COAT HOOK
CI	CAST IRON
CLG	CEILING
CLKG	CAULKING
CLO	CLOSET
CLR	CLEAR
CNTR	COUNTER
CO	CLEAN-OUT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRIDOR
CTSK	COUNTERSUNK
CTR	CENTER
DBL	DOUBLE
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DI	DROP INLET
DIA	DIAMETER
DIM	DIMENSION
DISP	DISPENSER
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DS	DOWNSPOUT
DSP	DRY STANDPIPE
DWG	DRAWING
DWR	DRAWER
E	EAST
(E)	EXISTING
EA	EACH
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
EP	ELEC PB
EQ	EQUAL
EQPT	EQUIPMENT
EWC	ELEC WATER COOLER
EXP	EXPANSION
EXPO	EXPOSED
EXT	EXTERIOR
FA	FIRE ALARM
FB	FLAT BAR
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CAB
FG	FINISH GRADE
FH	FLAT HEAD
FHC	FIRE HOSE CABINET
FIN	FINISH
FLR	FLOOR
FLASH	FLASHING
FLUOR	FLUORESCENT
FOC	FACE OF CONCRETE/CURB
FOF	FACE OF FINISH
FOS	FACE OF STUDS
FPRF	FIREPROOF
FS	FULL SIZE
FT	FOOT OR FEET
FTG	FOOTING
FURR	FURRING
FUT	FUTURE
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GI	GALV IRON
GL	GLASS
GND	GROUND
GR	GRADE
GYP	GYPSUM
HB	HOSE BIBB
HC	HOLLOW CORE
HD	HAND DRYER
HDR	HEADER
HDWD	HARDWOOD
HDWE	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
ID	INSIDE DIM
IG	INVERT GRADE
INCAN	INCANDESCENT
INSUL	INSULATION
INT	INTERIOR
JAN	JANITOR
JP	JT POLE
JT	JOINT
KIT	KITCHEN
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LKR	LOCKER
LT	LIGHT
M	MIRROR
MAX	MAXIMUM
MB	MACHINE BOLT
MC	MEDICINE CAB
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MEMB	MEMBRANE
MET	METAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MC	MASONRY OPNG
MTD	MOUNTED
MUL	MULLION
N	NORTH
NIC	NOT IN CONTRACT
NO OR #	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OBS	OBSCURE
OC	ON CENTER
OD	OUTSIDE DIM
OFD	OVERFLOW DRAIN
OFF	OFFICE
OPNG	OPENING
OPP	OPPOSITE
PL	PLATE
P LAM	PLASTIC LAM
PLAS	PLASTER
PLYWD	PLYWOOD
PNL	PANEL
PR	PAIR
PRCST	PRE-CAST
PT	POINT
PTD	PAPER TOWEL DISP
PTD/R	COMBINATION PAPER TOWEL DISP AND RECEPT
PTN	PARTITION
PTR	PAPER TOWEL RECEPT
QT	QUARRY TILE
R	RISER
RAD	RADIUS
RD	ROOF DRAIN
REC	RECESSED
RECPT	RECEPTACLE
REF	REFERENCE
REFR	REFRIGERATOR
REINF	REINFORCED
REQ	REQUIRED
RESIL	RESILIENT
RGTR	REGISTER
RH	ROUND HEAD
RM	ROOM
RO	ROUGH OPNG
RWD	REDWOOD
RWL	RAIN WATER LEADER
S	SOUTH
SC	SOLID CORE
SCD	SEAT COVER DISP
SCHED	SCHEDULE
SCR	SHOWER CURTAIN ROD
SD	SOAP DISP
SECT	SECTION
SH	SHELF
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SND	SANITARY NAPKIN DISP
SNR	SANITARY NAPKIN RECEPT
SNTD	SANITARY NAPKIN & TAMPON DISP
SPEC	SPECIFICATION
SQ	SQUARE
SST	STAINLESS STEEL
SSK	SERVICE SINK
STA	STATION
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRL	STRUCTURAL
SUSP	SUSPENDED
SYM	SYMMETRICAL
TB	TOWEL BAR
TC	TOP OF CURB/CONC
TEL	TELEPHONE
TER	TERRAZZO
T & G	TONGUE AND GROOVE
THK	THICK
TP	TOP OF PAVEMENT
TPD	TOILET PAPER DISP
TR	TRASH RECEPT
TRD	TREAD
TS	TOP SOIL
TV	TELEVISION
TW	TOP OF WALL
TYP	TYPICAL
UNF	UNFINISHED
UON	UNLESS OTHERWISE NOTED
UR	URINAL
VERT	VERTICAL
VEST	VESTIBULE
W	WEST
W/	WITH
WC	WATER CLOSET
WD	WOOD
W/O	WITHOUT
WP	WATERPROOF
WR	WATER RESISTANT
WS	WOOD SCREW
WSCT	WAINSCOT
WT	WEIGHT

SYMBOLS

- COLUMN LINE (GRID LINES) LETTERS IN ONE DIRECTION NUMBERS IN THE OTHER DIRECTION
- GRID LINES SURVEYOR'S GRID, MODULE GRID, ETC.
- DOOR SYMBOL: DOOR MARK; HARDWARE GROUP
- PANEL TYPE (LETTER): A=RIBBED, B=SMOOTH
- LOUVER TYPE (NUMBER)
- EQUIPMENT TYPE: EQUIPMENT MARK; EQUIPMENT GROUP
- REVISION
- ROOM IDENTIFICATION, TYPE 1 (OFFICE 102 1 A 3 9-6): ROOM NAME; ROOM NO.; ROOM MATERIAL CODES — 1ST NO. -FLOOR/BASE, 2ND NO. -WALLS/WAINSCOT, 3RD NO. -CEILING; CEILING HEIGHT OTHER THAN TYPICAL BOTTOM OF FRAMING
- ROOM IDENTIFICATION, TYPE 2 (OFFICE 102): ROOM NAME; ROOM NO.
- MATCH LINE SHADED PORTION IS THE SIDE CONSIDERED.
- WORK, CONTROL OR DATUM POINT, BENCHMARK
- ALTERNATE
- PLUMBING FIXTURE
- SECTION: SECTION IDENTIFICATION; SHEET NO.
- DETAIL: DETAIL IDENTIFICATION; SHEET NO.
- INTERIOR ELEVATION (SUPPLEMENTAL): ROOM IDENTIFICATION NO.; SHEET NO.
- 77.0 (78.0) NEW FINISH GRADE; EXISTING GRADE
- TW 22.0 TOP OF WALL
- TC 77.0 TOP OF CURB
- TP 66.8 TOP OF PAVEMENT
- PROPERTY LINE
- 44 NEW OR FINISHED CONTOURS (SOLID OR DOTTED)
- 33 EXISTING CONTOURS
- SEWER W/CLEAN-OUT
- WATER LINE
- STORM DRAIN W/CLEAN-OUT
- V VENT
- EXISTING LINE (STORM DRAIN, SEWER, WATER, ETC.)
- G GAS LINE

SUPPLEMENTAL ABBREV.

FO	FACE OF
SM	SHEET METAL
CR	CURTAIN ROD
PC	POLY-CARBON GLAZING
BL	BUILDING LINE
FF	FACE OF FRAMING
HKS	HOOKS
RUDR	ROLL-UP DOOR
SHLVG	SHELVING
FP	FIXED PANEL
MP	METAL PARTITIONS
PMF	PRESSED METAL FRAME
RB	RESILIENT BASE
MS	MACHINE SCREW

INDEX TO DRAWINGS

DRAWING GROUPS

ARCHITECTURAL
- A0 - GENERAL (INDEX, SYMBOLS, ABBREVIATIONS, NOTES & REFERENCES)
- A1 - DEMOLITION, SITE PLAN & TEMPORARY WORK
- A2 - PLANS, ROOM MATERIAL SCHEDULE, DOOR SCHEDULE & DETAILS, CASEWORK SCHEDULE & DETAILS & KEY DRAWINGS
- A3 - SECTIONS & EXTERIOR ELEVATIONS
- A4 - DETAILED FLOOR PLANS
- A5 - INTERIOR ELEVATIONS
- A6 - REFLECTED CEILING PLANS, ROOF PLANS
- A7 - VERTICAL CIRCULATION, STAIRS, (ELEVATORS, ESCALATOR)
- A8 - EXTERIOR & INTERIOR DETAILS
- A9 - INTERIOR & EXTERIOR DETAILS

STRUCTURAL
- S0 - GENERAL NOTES
- S1 - SITE WORK
- S2 - FRAMING PLANS
- S3 - ELEVATIONS
- S4 - SCHEDULES
- S5 - CONCRETE
- S6 - MASONRY
- S7 - STRUCTURAL STEEL
- S8 - TIMBER
- S9 - SPECIAL DESIGN

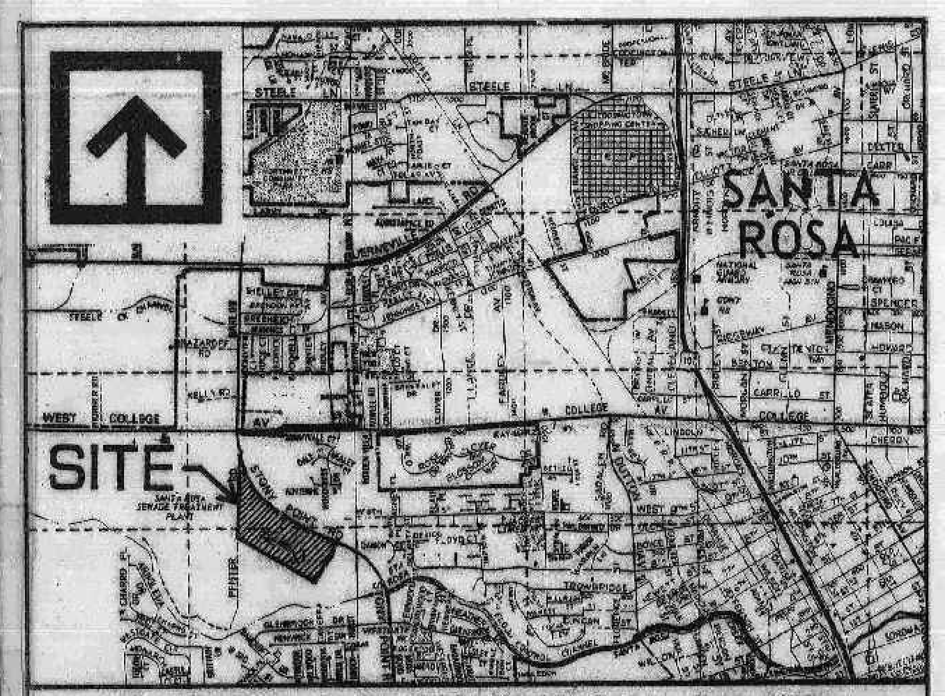
MECHANICAL
- M0 - GENERAL NOTES
- M1 - SITE/ROOF PLANS
- M2 - FLOOR PLANS
- M3 - RISER DIAGRAMS
- M4 - PIPING FLOW DIAGRAM
- M5 - CONTROL DIAGRAMS
- M6 - DETAILS

PLUMBING
- P0 - GENERAL NOTES
- P1 - SITE PLAN
- P2 - FLOOR PLANS
- P3 - RISER DIAGRAM
- P4 - PIPING FLOW DIAGRAM
- P5 - DETAILS

ELECTRICAL
- E0 - GENERAL NOTES
- E1 - SITE PLAN
- E2 - FLOOR PLANS, LIGHTING
- E3 - FLOOR PLANS, POWER
- E4 - ELECTRICAL ROOMS
- E5 - RISER DIAGRAMS
- E6 - FIXTURE/PANEL SCHEDULES
- E7 - DETAILS

GROUP & SHEET NO.

	ARCHITECTURAL
A0-1	TITLE
A1-1	SITE PLAN
A1-2	SITE DETAILS
A2-1	ADMINISTRATION-LAB FLOOR PLAN
A2-2	SHOP FLOOR PLAN
A2-3	WAREHOUSE FLOOR PLAN
A2-4	GARAGE FLOOR PLAN
A2-5	FUEL BAY & MISC DETAILS
A2-6	DOOR SCHEDULE & DETAILS
A3-1	ADMINISTRATION - LAB
A3-2	ADMINISTRATION - LAB
A3-3	SHOP
A3-4	WAREHOUSE
A3-5	FUEL BAY & GARAGE
A3-6	GARAGE
A5-1	ADMINISTRATION
A5-2	LAB
A5-3	SHOP
A5-4	SHOP
A5-5	SHOP
A5-6	WAREHOUSE
A5-7	GARAGE
A5-8	GARAGE
A5-9	GARAGE
A6-1	ADMINISTRATION - LAB
A6-2	SHOP
A6-3	WAREHOUSE
A6-4	GARAGE
A6-5	GARAGE & FUEL BAY
A8-1	EXTERIOR DETAILS
A8-2	EXTERIOR DETAILS
A8-3	EXTERIOR DETAILS
A8-4	EXTERIOR DETAILS
A8-5	EXTERIOR DETAILS
A9-1	INTERIOR DETAILS
A9-2	INTERIOR DETAILS
	STRUCTURAL
S2-1	ADMINISTRATION - LAB
S2-2	SHOP
S2-3	WAREHOUSE
S2-4	GARAGE
S2-5	FUEL BAY, STM CLNR, MTL STOR
S3-1	ELEVATIONS & DETAILS
S3-2	ELEVATIONS & DETAILS
S3-3	ELEVATIONS & DETAILS
S3-4	ELEVATIONS & DETAILS
S3-5	ELEVATIONS & DETAILS
S7-1	EAVE FRAMING PLAN
S7-2	EAVE FRAMING DETAILS
S7-3	EAVE FRAMING DETAILS
S7-4	EAVE FRAMING DETAILS
S7-5	EAVE FRAMING DETAILS
S7-6	EAVE FRAMING DETAILS
	MECHANICAL
M0-1	GENERAL NOTES
M2-1	ADMINISTRATION - LAB
M2-2	SHOP
M2-3	WAREHOUSE
M2-4	GARAGE
M4-1	PIPING FLOW DIAGRAM
	PLUMBING
P2-1	ADMINISTRATION - LAB
P2-2	SHOP
P2-3	WAREHOUSE
P2-4	GARAGE
	ELECTRICAL
E0-1	SINGLE LINE DIAGRAM
E1-1	SITE PLAN & GENERAL NOTES
E2-1	ADMINISTRATION - LAB
E2-2	SHOP
E2-3	GARAGE
E2-4	WAREHOUSE
E3-1	ADMINISTRATION - LAB
E3-2	SHOP
E3-3	GARAGE
E6-1	PANEL BOARD SCHEDULE



SITE LOCATION MAP

ENERGY STANDARDS CERTIFICATION

I CERTIFY THAT CALIFORNIA ENERGY STANDARDS (TITLE 24, CAL.ADM.CODE) HAVE BEEN REVIEWED AND THE DESIGN SUBMITTED CONFORMS SUBSTANTIALLY WITH THE REGULATIONS.

DATE 6-11-79

BY [signature]

APPROVAL BY CITY OF THESE PLANS DOES NOT IMPLY APPROVAL OF ANY WORK SHOWN INEREIN AS "FUTURE".

REVISIONS

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

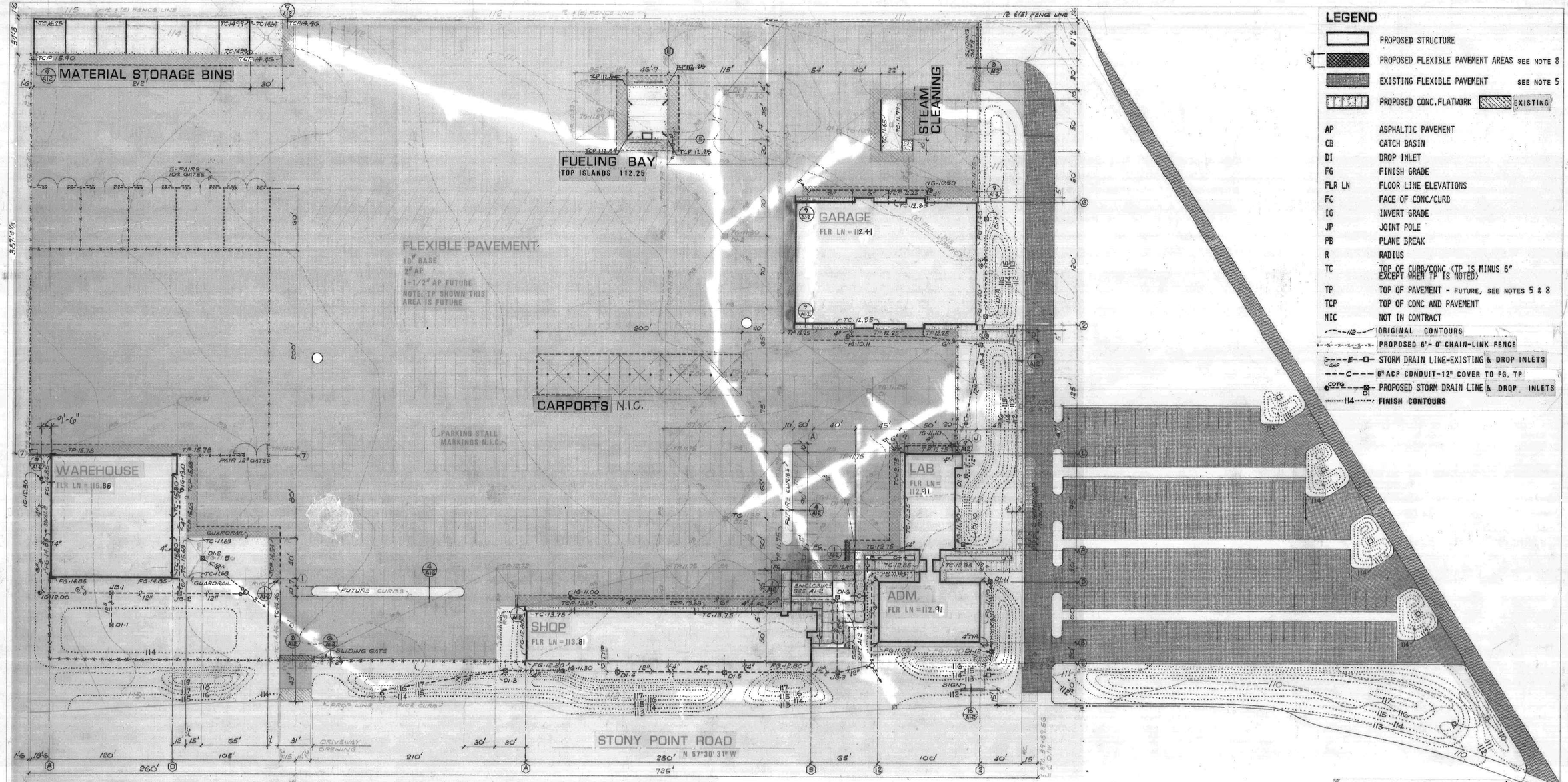
SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH BOLLES | DRAWN BY GS | CHECKED BY TB | DATE 6-11-79 | JOB NUMBER 722

SHEET NUMBER A0-1

OF | INDEX

CITY OF SANTA ROSA FILE No. 79-117



LEGEND

	PROPOSED STRUCTURE
	PROPOSED FLEXIBLE PAVEMENT AREAS SEE NOTE 8
	EXISTING FLEXIBLE PAVEMENT SEE NOTE 5
	PROPOSED CONC. FLATWORK / EXISTING
AP	ASPHALTIC PAVEMENT
CB	CATCH BASIN
DI	DROP INLET
FG	FINISH GRADE
FLR LN	FLOOR LINE ELEVATIONS
FC	FACE OF CONC/CURB
IG	INVERT GRADE
JP	JOINT POLE
PB	PLANE BREAK
R	RADIUS
TC	TOP OF CURB/CONC (TP IS MINUS 6" EXCEPT WHEN TP IS NOTED)
TP	TOP OF PAVEMENT - FUTURE, SEE NOTES 5 & 8
TCP	TOP OF CONC AND PAVEMENT
NIC	NOT IN CONTRACT
112	ORIGINAL CONTOURS
	PROPOSED 6'-0" CHAIN-LINK FENCE
CAP E	STORM DRAIN LINE-EXISTING & DROP INLETS
C	6" ACP CONDUIT-12" COVER TO FG, TP
COTG DI	PROPOSED STORM DRAIN LINE & DROP INLETS
114	FINISH CONTOURS

SCHEDULES

DROP INLETS

MARK	TOP GRATE	INVERT GRD
1	13.00	10.22
2	11.50	10.45
3	13.00	11.00
4	12.05	10.00
5	12.06	9.95
6	11.70	9.70
7	11.65	10.10
8	11.10	9.62
9	11.53	9.60
10	11.25	9.60
11	11.25	9.45
12	11.25	9.11

JUNCTION BOXES

MARK	TOP COVER	INVERT GRD
1	14.44	10.07
2	14.30	9.73
3	11.97	8.90
4	12.11	9.47

GENERAL NOTES

1. ELEVATION OF ASPHALTIC PAVING (A.P.) ADJACENT TO CONC. CURBS AT F.C. IS TYPICAL MINUS 0.50 FEET FROM T.C. SHOWN EXCEPT WHEN T.P. IS SHOWN.
2. GRADIENTS ARE UNIFORM BETWEEN TOP OF CONC./CURB (T.C.) TOP OF PAVEMENT (T.P.) AND FINISH GRADES (F.G.) SHOWN.
3. ADD 100.00 FEET OF ELEVATION TO ALL ELEVATIONS NOTED AND NOT PREFIXED WITH 100 FEET; I.E., 9.06=109.06, ETC. FOR ACTUAL ELEVATION.
4. LAYOUT OF PROPOSED COMPLEX IS PERPENDICULAR AND PARALLEL TO THE CENTERLINE OF STONY POINT ROAD N 57° 30' 31" W AS SHOWN ON THE RECORD OF SURVEY FILED IN BOOK 259 OF MAPS, PAGE 18, SONOMA COUNTY RECORDS.
5. FLEXIBLE PAVEMENT THICKNESS SECTION IS 2" A.P. AND 10" BASE (WITH PROPOSED 1-1/2" A.P. FUTURE).
6. CONC. CURBS, REDWOOD HEADERS, ETC. ADJACENT TO EXISTING FLEXIBLE PAVEMENT AREAS ARE EXIST.
7. GRADIENTS FOR STORM DRAIN LINES ARE UNIFORM BETWEEN INVERT GRADES (I.G.) SHOWN, NOTED OR DEVELOPED.
8. TP SHOWN AND/OR DEVELOPED IS FUTURE, ACTUAL TP FOR THIS PROJECT IS MINUS 1-1/2" (.125') FROM THOSE SHOWN.

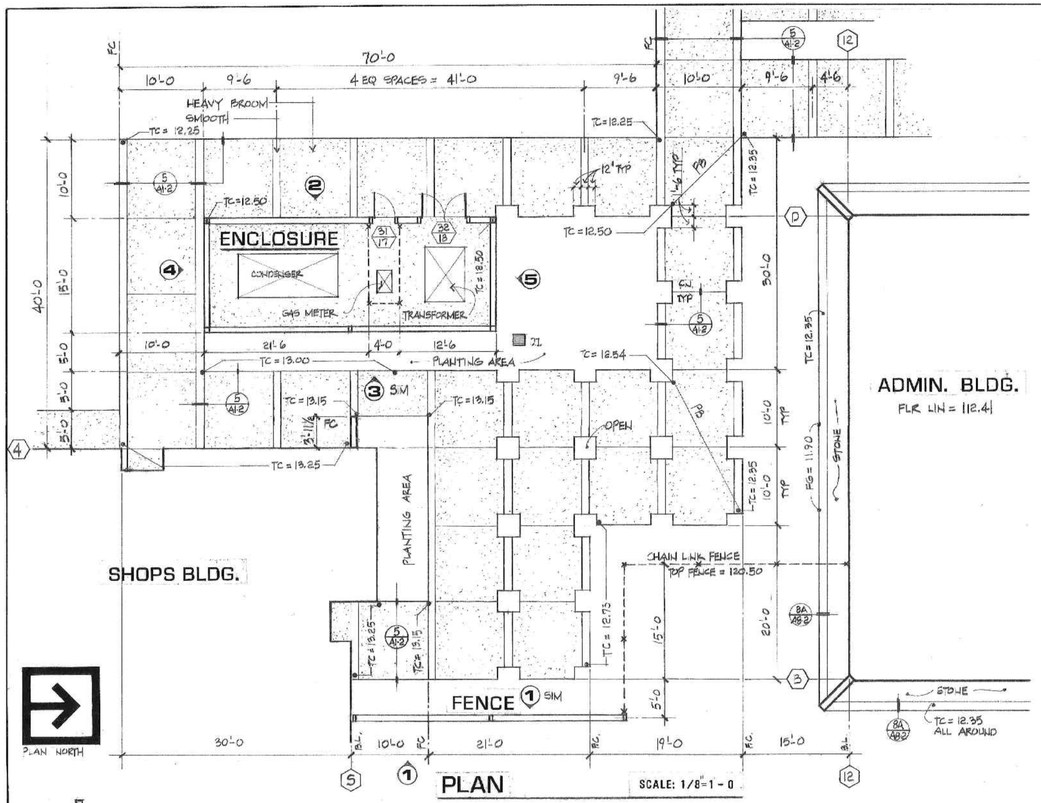
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

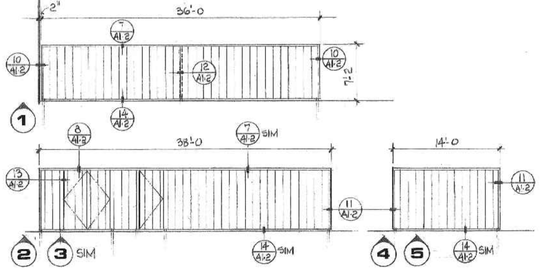
SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

DRAWN BY BOLLES
CHECKED BY B/GS
DATE JUNE 11, 79
JOB NO. 722

SHEET NUMBER A1-1
SH 2 INDEX

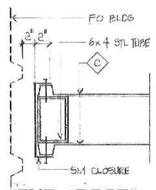
CITY OF SANTA ROSA FILE No. 79 - 117R



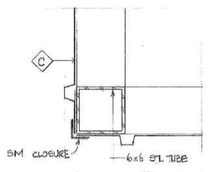


1/8 SCALE ELEVATIONS

NOTE
ENCLOSURE HAS TYPE "C" PANEL ON EXTERIOR SIDE & FENCE HAS TYPE "C" PANEL ON BOTH SIDES.



10 A1-2 END POST



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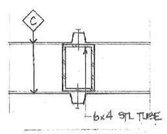

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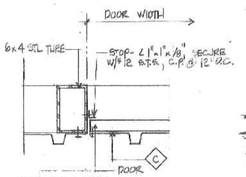
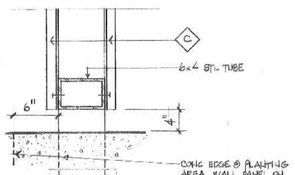
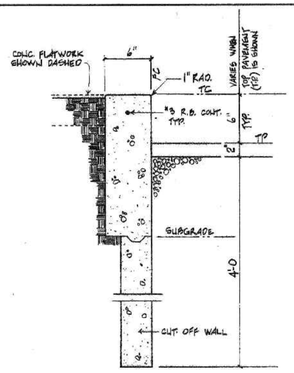


13 A1-2 JAMB

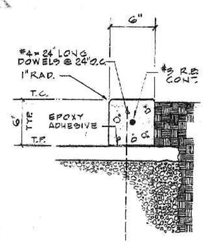


14 A1-2 BASE

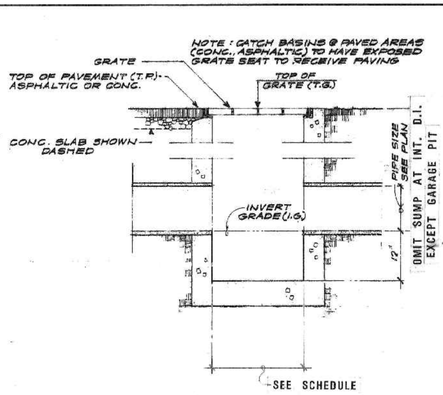
15 A1-2 METAL FENCE & FLATWORK & UTILITY ENCLOSURE SCALE: 1 1/2"=1'-0 U.O.N.



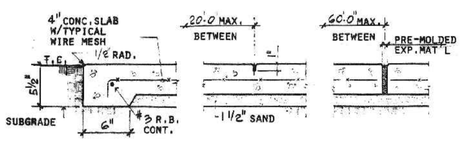
1 A1-2 CONC. CURB
SCALE: 1 1/2"=1'-0



4 A1-2 CONC. CURB
SCALE: 1½"=1'-0"

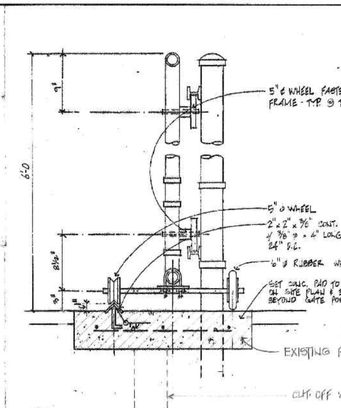


2 A1-2 DROP INLET
SCALE: 1½"=1'-0

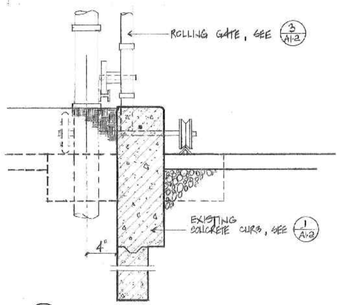


EDGE C.J. E.J.

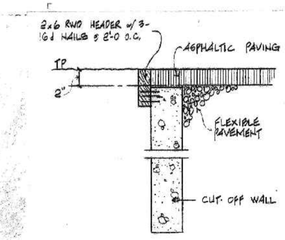
5 A1-2 CONC. FLATWORK
SCALE: 1 1/2"=1'-0



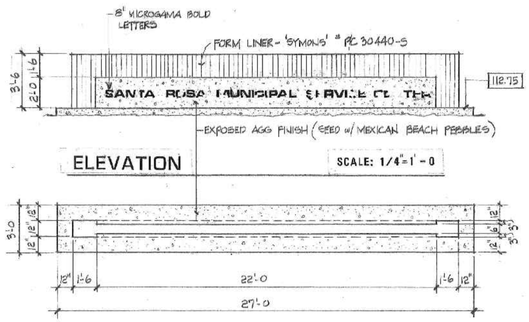
3 A1-2 PAD @ ROLLING GATE
SCALE: 1 1/2"=1'-0



6 A1-2 CURB @ ROLLING GATE
SCALE: 1 1/2"=1'-0



9 A1-2 REDWOOD HEADER
SCALE: 1 1/2"=1'-0



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

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

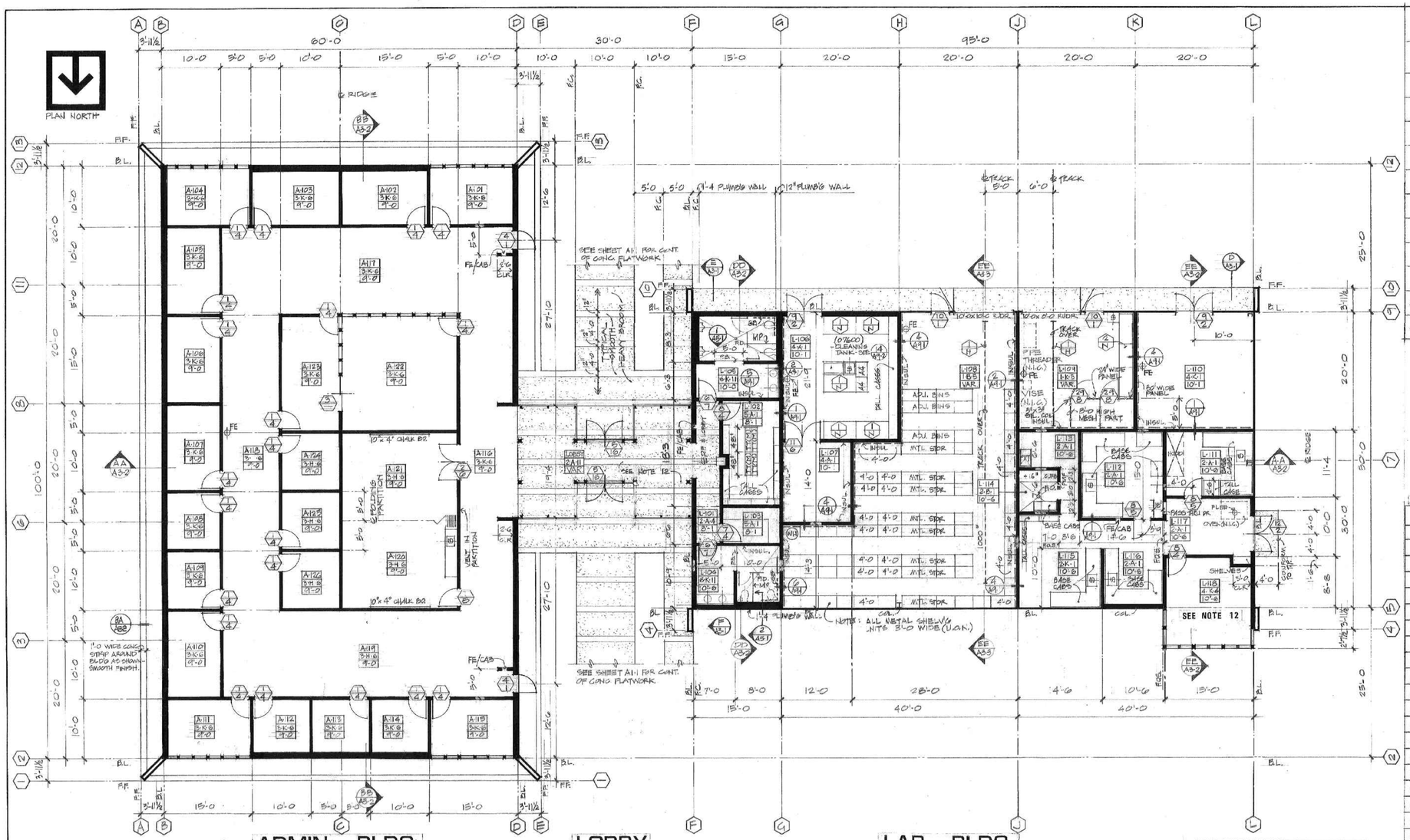
16 A1-2 SITE SIGN

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
3010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJECT NO. 80.035
DRAWN BY
CHECKED BY
DATE 4-11-75
JOB NUMBER 422

SHEET NUMBER A1-2
OF 2 INDEX



ROOM MATERIAL SCHEDULE

	FLOOR / BASE		WALLS		CEILING
1	CONC W/ HARDENER / CONC	A	GYPSUM BOARD	1	GYPSUM BOARD
2	CONC W/ SEALER / RESILIENT	B	W.R. GYPSUM BOARD	2	W.R. GYPSUM BOARD
3	CARPET / RESILIENT	C	VINYL WALL COVERING OVER GYP. BD.	3	PLASTER
4	RESILIENT TILE / RESILIENT	D	TACKWALL	4	ACOUSTICAL TILE OVER GYP. BD.
5	RESIL. SHT. FLOORING / RESILIENT	E	STOREFRONT	5	EXPOSED STRUCTURE
6	SPECIAL FLOORING / SPECIAL FLOORING	F	PREFINISHED METAL BLDG. PANEL	6	EXPOSED GRID SYSTEM-SUSPENDED
7	CERAMIC TILE / CERAMIC TILE	G	HARDBOARD WAINSCOT OVER W.R. GYP. BD.	7	
8	LT. WT. CONC. /	H	DEMOUNTABLE PARTITIONS	8	
9		I	CERAMIC TILE	9	
10		J		10	
11	SEE FLOOR PLANS	K	SEE INTERIOR ELEVATIONS ◯	11	SEE REFLECTED CEILING PLAN

MATERIAL NOTES:

1. ALL INTERIOR SURFACES OF UNFURRED EXTERIOR WALLS SHALL BE MANUFACTURER'S STANDARD PREFINISHED PANEL SURFACE.
2. ALL GYPSUM BOARD (EXPOSED SURFACES) TO BE PAINTED U.O.N. IN MATERIAL NOTES, PLANS OR SPECIFICATIONS.
3. FLOOR MOUNTED CASEWORK SHALL HAVE 4" RESILIENT BASE U.O.N.
4. ALL WALL MATERIAL TRANSITIONS SHALL OCCUR AT CORNERS U.O.N.
5. ◯ INDICATOR ON INTERIOR ELEVATIONS DENOTES WALL MATERIAL, LETTER WITHIN REFERS TO SAME ON ROOM MATERIAL SCHEDULE.
6. DEPRESS FLOORS 1" FOR SPECIAL FLOORING (RM. G - 202 FUTURE)

ROOMS

NUMBER	DESIGNATION
A-101	OFFICE
A-102	OFFICE
A-103	OFFICE
A-104	OFFICE
A-105	OFFICE
A-106	OFFICE
A-107	OFFICE
A-108	OFFICE
A-109	OFFICE
A-110	OFFICE
A-111	OFFICE
A-112	OFFICE
A-113	OFFICE
A-114	OFFICE
A-115	OFFICE
A-116	HALL
A-117	STENO AREA
A-118	HALL
A-119	STENO AREA
A-120	CONFERENCE
A-121	CONFERENCE
A-122	TELEMETRY
A-123	OFFICE
A-124	OFFICE
A-125	OFFICE
A-126	OFFICE

LOBBY	
L-101	HALL
L-102	STORAGE
L-103	VAULT
L-104	WOMENS TOILET
L-105	MENS TOILET
L-106	ELECTRICAL REPAIR
L-107	TEMPERATURE CONTROL
L-108	ELECTRICAL STORAGE
L-109	FIELD SERVICES
L-110	RADIO REPAIR
L-111	SOILS LAB
L-112	SOILS LAB
L-113	GUAGE STORAGE
L-114	CURE TANK ROOM
L-115	SOILS LAB
L-116	SOILS LAB
L-117	ENTRY
L-118	OFFICE

GENERAL NOTES:

1. DIMENSION LINES ARE ℄ DIMENSIONS EXCEPT WHERE SHOWN F.O.S., B.L., OR F.F.
2. ALL FURRED EXTERIOR WALLS TO HAVE BATTEN INSULATION, SEE BUILDING SECTIONS & SPECIFICATIONS FOR TYPE & LOC.
3. SEE SPECIFIC DETAILS FOR DIMENSIONS AT DOORS AND WINDOW WALLS.
4. LAY BLANKET BATTEN INSULATION OVER ALL SUSPENDED CEILING SYSTEMS.
5. PLACE BATTEN INSULATION IN INTERIOR WALLS WHERE SHOWN OR NOTED. SEE BUILDING SECTIONS AND PLANS.
6. ALL GYPSUM BOARD ON WALLS TO A MINIMUM HEIGHT OF +8'-0" ABOVE FLOOR LINE SHALL BE BACKED WITH BLOCKING AT ALL VERTICAL AND HORIZONTAL EDGES.
7. SUSPENDED CEILING AND CARPETING IN ADMINISTRATION BUILDING SHALL BE INSTALLED CONTINUOUS THROUGHOUT TO ACCOMMODATE RELOCATABLE INTERIOR PARTITION SYSTEM.
8. ALL INTERIOR WALLS IN ADMINISTRATION BUILDING TO BE DEMOUNTABLE, EXCEPT 2-6x7-2 FIN WALLS
9. ROOM L-103 SHALL HAVE 2 LAYERS OF 5/8" FIRECODE "X" GYPSUM BOARD ON WALLS AND CEILING.
10. ALL FINISHED CEILINGS SHALL BE SUSPENDED FROM ROOF STRUCTURE.
11. ALL FULL HEIGHT WALLS SHALL BE 6" METAL STUDS (INDICATED THUS: ▬▬▬) SECURELY ATTACHED TO ROOF STRUCTURE. ALL OTHER WALLS (EXCEPT ADMIN. BLDG) SHALL BE 3 5/8" METAL STUDS PROJECTED 6" ABOVE ADJACENT SUSPENDED CEILING (U.O.N.)
12. SEE SHEET A8-1 FOR 1/2 SCALE PLAN LOBBY & DETAILS SEE SHEET A8-3 FOR 1/4 SCALE PLAN RM. # - 118 & DETAILS
13. SEE 1/A9.2 FOR HANDICAPPED STANDARDS @ RESTROOMS

EQUIPMENT ⬡

GROUP	DESCRIPTION
A	VEHICLE LIFTS
B	OVHD REEL SYSTEM
C	LUBE PUMPS
D	FUEL DISPENSERS
G	AIR/WATER REELS
H	HOISTS/CRANES
J	FOOD SERVICE EQUIP.
K	DOCK LEVELER
L	PAINT SPRAY BOOTH
M	ROLLING OIL PAN
N	WORKBENCHES
P	ANCHOR POTS

SUMMARY

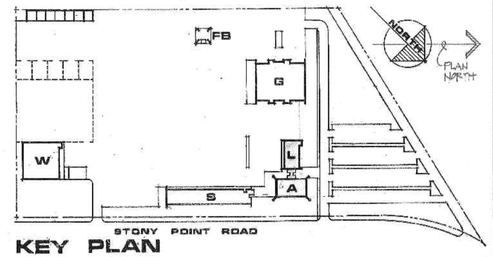
ADMINISTRATION BUILDING

TYPE OF CONST.	II N
TOTAL SQ.FT.	6,000
OCCUP.GRP.	B-2
BLDG.HT. (TOP OF PARAPET)	13'-6
STORIES	ONE
OCCUP.LOAD.	60

SUMMARY

LABORATORY BLDG.

TYPE OF CONST.	II N
TOTAL SQ.FT.	4,750
OCCUP.GRP.	B-2
BLDG.HT. (TOP OF PARAPET)	17'-6
STORIES	ONE
OCCUP.LOAD	47



KEY PLAN

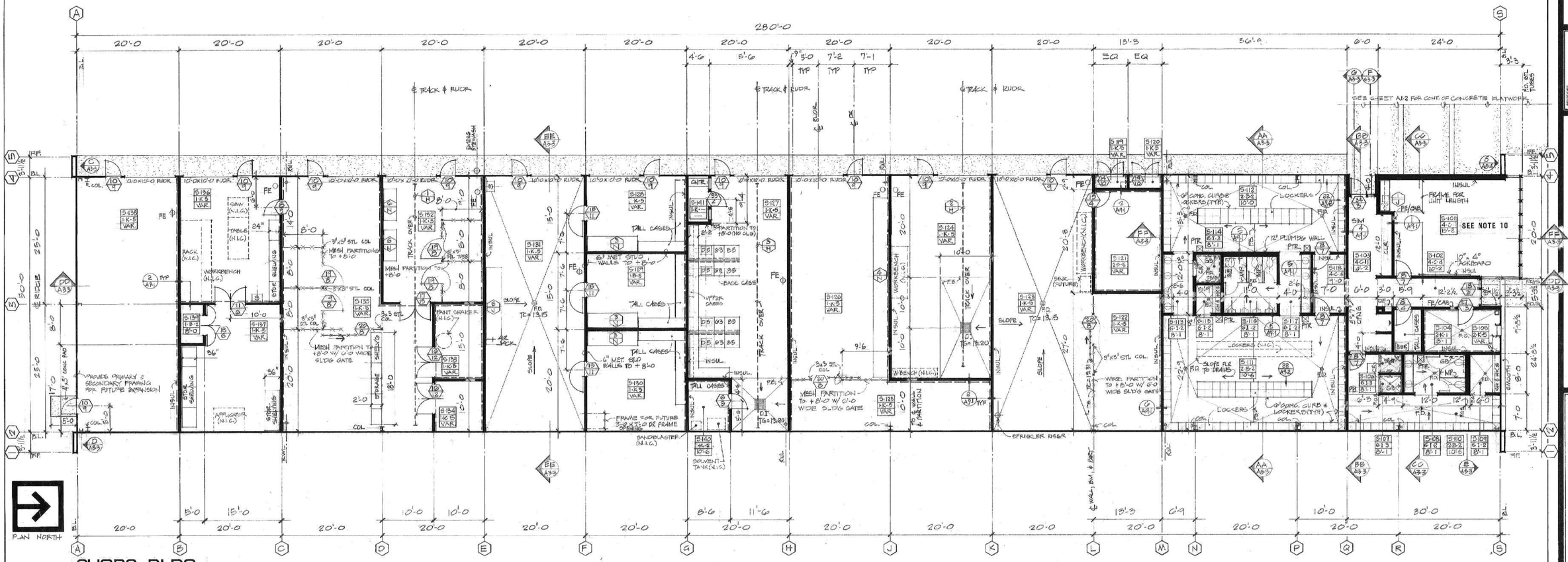
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
E. F. SIEBERT
G. S. BOLLES
3010 MONTECITO AVENUE POST OFFICE BOX 1300
SANTA ROSA, CALIFORNIA 95402 (707) 542-4552

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJECT NO. 8025
DRAWN BY MTG/BEH
CHECKED BY
DATE 4-1-79
JOB NUMBER

SHEET NUMBER
A2-1
OF 6 INDEX

CITY OF SANTA ROSA FILE No. 79-117



SHOPS BLDG.

ROOM MATERIAL SCHEDULE

	FLOOR / BASE		WALLS		CEILING
1	CONC W/ HARDENER / CONC	A	GYPSUM BOARD	1	GYPSUM BOARD
2	CONC W/ SEALER / RESILIENT (SEE NOTE 6)	B	W.R. GYPSUM BOARD	2	W.R. GYPSUM BOARD
3	CARPET / RESILIENT	C	VINYL WALL COVERING OVER GYP. BD.	3	PLASTER
4	RESILIENT TILE / RESILIENT	D	TACKWALL	4	ACOUSTICAL TILE OVER GYP. BD.
5	RESIL. SHT. FLOORING / RESILIENT	E	STOREFRONT	5	EXPOSED STRUCTURE
6	SPECIAL FLOORING / SPECIAL FLOORING	F	PREFINISHED METAL BLDG. PANEL	6	EXPOSED GRID SYSTEM - SUSPENDED
7	CT / CT	G	HARDBOARD WAINSCOT OVER W.R. GYP. BD.	7	
8	LT. WT. CONC. FILL /	H	DEMOUNTABLE PARTITIONS	8	
9		I	CERAMIC TILE	9	
10		J		10	
11	SEE FLOOR PLANS	K	SEE INTERIOR ELEVATIONS ◯	11	SEE REFLECTED CEILING PLAN

MATERIAL NOTES:

1. ALL INTERIOR SURFACES OF UNFURRED EXTERIOR WALLS SHALL BE MANUFACTURER'S STANDARD PREFINISHED PANEL SURFACE.
2. ALL GYPSUM BOARD (EXPOSED SURFACES) TO BE PAINTED U.O.N. IN MATERIAL NOTES, PLANS OR SPECIFICATIONS.
3. FLOOR MOUNTED CASEWORK SHALL HAVE 4" RESILIENT BASE U.O.N.
4. ALL WALL MATERIAL TRANSITIONS SHALL OCCUR AT CORNERS U.O.N.
5. ◯ INDICATOR ON INTERIOR ELEVATIONS DENOTES WALL MATERIAL, LETTER WITHIN REFERS TO SAME ON ROOM MATERIAL SCHEDULE.
6. ROOMS S-110, S-111, & S-118 - HARDENER W/ NON-SLIP, COLORED SEALER.

ROOMS

NUMBER	DESIGNATION
S-101	DAY ROOM
S-102	HALL
S-103	HALL
S-104	CUSTODIAN
S-105	BOILER RM.
S-106	SHOWER
S-107	SHOWER
S-108	TOILET
S-109	DRYING RM.
S-110	WOMENS LOCKER RM.
S-111	MENS LOCKER RM.
S-112	MENS LOCKER RM.
S-113	LAVATORY
S-114	SHOWER
S-115	DRYING ROOM
S-116	TOILET
S-117	LAVATORY
S-118	VESTIBULE
S-119	STORAGE
S-120	STORAGE
S-121	OFFICE (SEWER DEPT.)
S-122	STORAGE (SEWER DEPT.)
S-123	STORAGE (SEWER DEPT.)
S-124	VALVE REPAIR (WATER DEPT.)
S-125	STORAGE (WATER DEPT.)
S-126	STORAGE (WATER DEPT.)
S-127	METER REPAIR (WATER DEPT.)
S-128	REPAIR (PARKS DEPT.)
S-129	REPAIR (PARKS DEPT.)
S-130	REPAIR (PARKS DEPT.)
S-131	STORAGE (PARKS DEPT.)
S-132	FIELD SERVICES STORAGE
S-133	PAINT STORAGE OCC = H2
S-134	CHEMICAL STORAGE OCC = H2
S-135	STORAGE (STREETS DEPT.)
S-136	SIGN SHOP
S-137	SIGN SHOP
S-138	FUTURE CARPENTRY OCC=H3
S-139	DRYING ROOM
S-140	SANDBLASTING
S-141	OFFICE (WATER DEPT.)

GENERAL NOTES:

1. DIMENSION LINES ARE ℄ DIMENSIONS EXCEPT WHERE SHOWN F.O.S., B.L., OR F.F.
2. ALL FURRED EXTERIOR WALLS TO HAVE BATTEN INSULATION, SEE BUILDING SECTIONS & SPECIFICATIONS FOR TYPE & LOC.
3. SEE SPECIFIC DETAILS FOR DIMENSIONS AT DOORS AND WINDOW WALLS.
4. LAY BLANKET BATTEN INSULATION OVER ALL SUSPENDED CEILING SYSTEMS.
5. PLACE BATTEN INSULATION IN INTERIOR WALLS WHERE SHOWN OR NOTED. SEE BUILDING SECTIONS AND PLANS.
6. ALL GYPSUM BOARD ON WALLS TO A MINIMUM HEIGHT OF +8'-0" ABOVE FLOOR LINE SHALL BE BACKED WITH BLOCKING AT ALL VERTICAL AND HORIZONTAL EDGES.
7. ROOMS S-105, S-119, S-120, S-133, S-134 AND S-138 SHALL BE ENCLOSED BY ONE HOUR FIRE SEPARATION WALLS TO UNDERSIDE OF ROOFING. (1-LAYER 5/8 FIRECODE X EA SIDE STUDS)
8. ALL FINISHED CEILINGS SHALL BE SUSPENDED FROM ROOF STRUCTURE, EXCEPT RM S-139.
9. ALL FULL HEIGHT WALLS SHALL BE GA METAL STUDS (INDICATED THUS: ▬▬▬) SECURELY ATTACHED TO ROOF STRUCTURE. ALL OTHER WALLS SHALL BE 3⅝ METAL STUDS PROJECTED GA ABOVE ADJACENT SUSPENDED CEILING. (U.O.N.)
10. SEE SHEET A8.4 FOR ½" SCALE PLAN OF WINDOW WALL & ⅛" = 1'-0" SCALE DETAILS.
11. ALL PARTITIONS BETWEEN GRID LINES 'B' & 'M' SHALL SET ON 6" HIGH CONCRETE CURBS - SEE DETAIL 2/A9.1 (TYP.)
12. ALL BEAMS, RWL, ETC., SHALL BE CLEAR OF EXT. BL. BY +8" IN ORDER TO CLEAR GIRTS.
13. RM S-139 SHALL BE ENCLOSED BY 1-HR. FIRE SEPARATION WALLS & CLG. (1-LAYER 5/8" FIRECODE X GYP BD EA SIDE OF STUDS & CLG JOISTS.
14. RM S-04 SHALL BE ENCLOSED BY 1-HR. FIRE SEPARATION WALLS & CLG (1-LAYER 5/8" FIRECODE X GYP BD EA SIDE OF STUDS & 2-LAYERS ON CLG.)
15. MESH PARTITIONS - 3x3 COLS ARE TO BE SET @ 10'-0 WIDE SPACE (OR FINISH WALL) TO ACCOMODATE PANELS U.O.N. SEE
16. SEE 1/A9.2 FOR HANDICAPPED STANDARDS @ RESTROOMS.

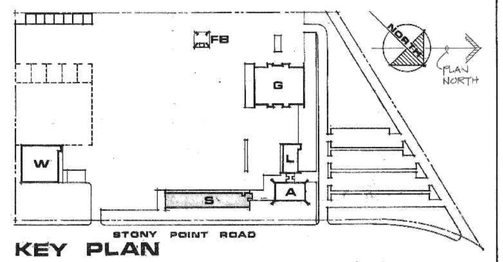
EQUIPMENT ⬡

GROUP	DESCRIPTION
A	VEHICLE LIFTS
B	OVHD REEL SYSTEM
C	LUBE PUMPS
F	WASTE OIL TANK
G	AIR/WATER REELS
H	HOISTS/CRANES
J	FOOD SERVICE EQUIP.
K	DOCK LEVELER
L	PAINT SPRAY BOOTH
M	ROLLING OIL PAN
N	WORKBENCH
P	ANCHOR POT

SUMMARY

SHOPS BLDG.

TYPE OF CONST.	II N
TOTAL SQ.FT.	14,040
OCCUP.GRP.	B-2 W/EXCEPTIONS (H-2, H-3)
BLDG. HT. (TOP OF PARAPET)	17'-6
STORIES	ONE
OCCUP.LOAD	159



KEY PLAN

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
E. F. SIEBERT
G. B. BOLLES
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4952

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ENGR. BOLLES
DRAWN
CHECKED BY
DATE 6-11-79
JOB NUMBER 792

SHEET NUMBER A2-2
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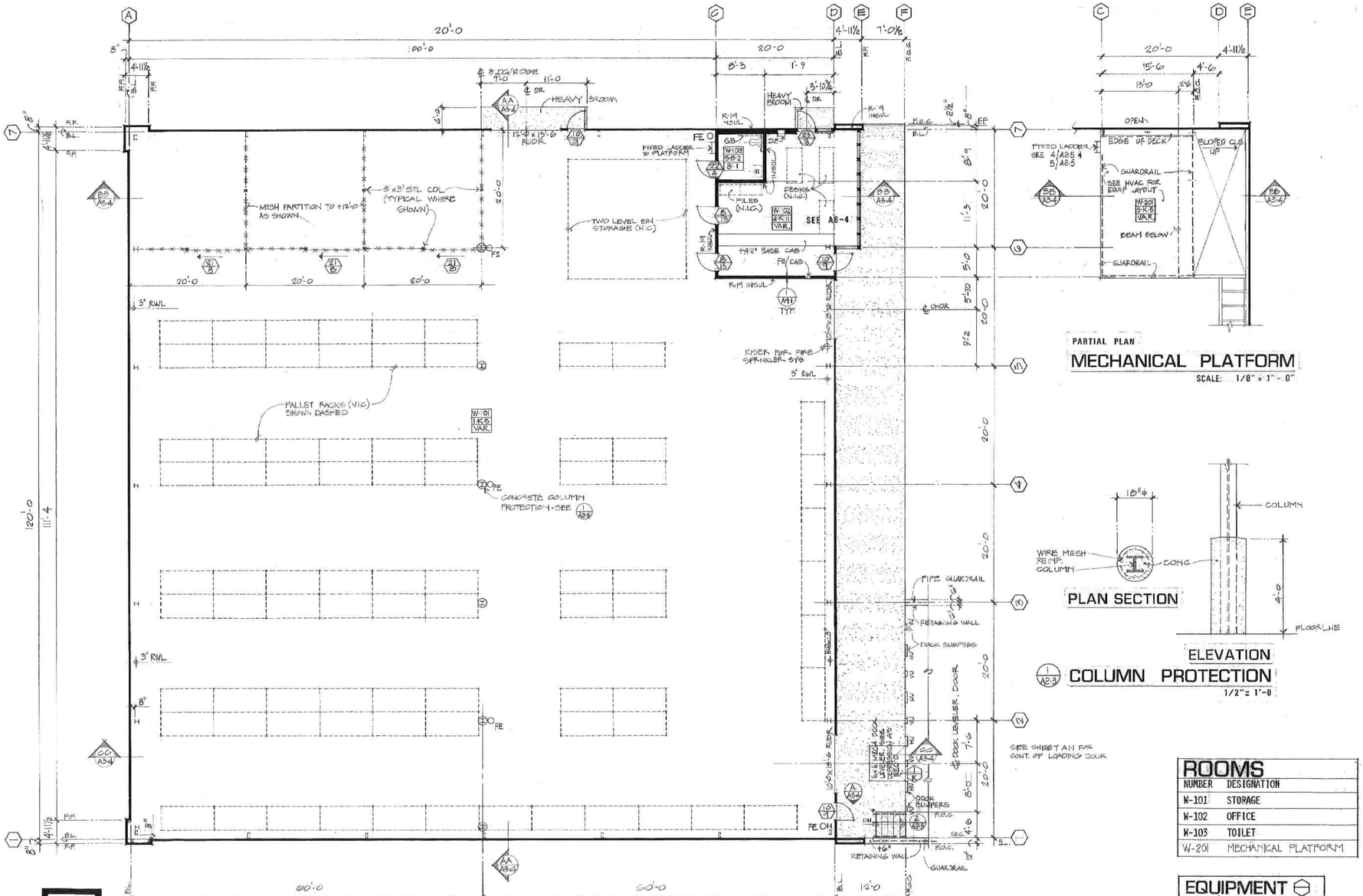
CITY OF SANTA ROSA FILE No. 79-117



ROOM MATERIAL SCHEDULE

	FLOOR / BASE		WALLS		CEILING
1	CONC W/ HARDENER / CONC	A	GYPSUM BOARD	1	GYPSUM BOARD
2	CONC W/ SEALER / RESILIENT	B	W.R.GYPSUM BOARD	2	W.R.GYPSUM BOARD
3	CARPET / RESILIENT	C	VINYL WALL COVERING OVER GYP.BD.	3	PLASTER
4	RESILIENT TILE / RESILIENT	D	TACKWALL	4	ACOUSTICAL TILE OVER GYP.BD.
5	RESIL.SHT. FLOORING / RESILIENT	E	STOREFRONT	5	EXPOSED STRUCTURE
6	SPECIAL FLOORING / SPECIAL FLOORING	F	PREFINISHED METAL BLDG. PANEL	6	EXPOSED GRID SYSTEM
7	CERAMIC TILE / CERAMIC TILE	G	HARDBOARD WAINSCOT OVER W.R. GYP. BD.	7	
8	LT. WT. CONC FILL /	H	DEMOUNTABLE PARTITIONS	8	
9		I	CERAMIC TILE	9	
10		J		10	
11	SEE FLOOR PLANS	K	SEE INTERIOR ELEVATIONS ◯	11	SEE REFLECTED CEILING PLAN

MATERIAL NOTES:

1. ALL INTERIOR SURFACES OF UNFURRED EXTERIOR WALLS SHALL BE MANUFACTURER'S STANDARD PREFINISHED PANEL SURFACE.
2. ALL GYPSUM BOARD (EXPOSED SURFACES) TO BE PAINTED U.O.N. IN MATERIAL NOTES, PLANS OR SPECIFICATIONS.
3. FLOOR MOUNTED CASEWORK SHALL HAVE 4" RESILIENT BASE U.O.N.
4. ALL WALL MATERIAL TRANSITIONS SHALL OCCUR AT CORNERS U.O.N.
5. ◯ INDICATOR ON INTERIOR ELEVATIONS DENOTES WALL MATERIAL. LETTER WITHIN REFERS TO SAME ON ROOM MATERIAL SCHEDULE.

GENERAL NOTES:

1. DIMENSION LINES SHOWN ARE ℄ DIMENSIONS EXCEPT WHERE SHOWN F.O.S., B.L., OR F.F.
2. ALL FURRED EXTERIOR WALLS TO HAVE BATTEN INSULATION, SEE BUILDING SECTIONS & SPECIFICATIONS FOR TYPE & LOC.
3. SEE SPECIFIC DETAILS FOR DIMENSIONS AT DOORS AND WINDOW WALLS.
4. LAY BLANKET BATTEN INSULATION OVER ALL SUSPENDED CEILING SYSTEMS.
5. PLACE BATTEN INSULATION IN INTERIOR WALLS WHERE SHOWN OR NOTED. SEE BUILDING SECTIONS AND PLANS.
6. ALL GYPSUM BOARD ON WALLS TO A MINIMUM HEIGHT OF +8'-0" ABOVE FLOOR LINE SHALL BE BACKED WITH BLOCKING AT ALL VERTICAL AND HORIZONTAL EDGES.
7. THE AUTOMATIC SPRINKLER SYSTEM SHALL BE DESIGNED TO CONFORM TO THE PROPOSED PALLET RACK LAY-OUT SHOWN DASHED ON FLOOR PLAN.
8. MAX. HEIGHT TO TOP OF STORAGE WILL NOT EXCEED 14'-0. AUTOMATIC SPRINKLER SYSTEM SHALL BE DESIGNED ACCORDINGLY AS CODES PERMIT.
9. FINISHED CEILINGS SHALL BE SUSPENDED FROM ROOF STRUCTURE & PLATFORM FRAMING AS REQUIRED
10. SEE SHEET A8.4 FOR ENLARGED FLOOR PLAN OF WINDOW WALL @ SYM # W-102.
11. METAL STUDS ON THIS PLAN ARE 6" WIDE EXCEPT FURRING ALONG G.L. 7 ARE 3⅝"
12. WASH PARTITIONS - 3'x3" COLS ARE TO BE SET @ 10'-0 WIDE SPACE (OR FINISH WALL) TO ACCOMODATE PANELS U.O.N. SEE
13. SEE 1/A9.2 FOR HANDICAPPED STANDARDS @ RESTROOMS

ROOMS

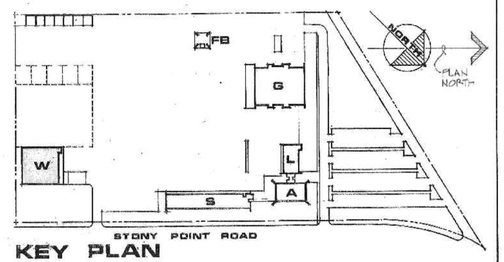
NUMBER	DESIGNATION
W-101	STORAGE
W-102	OFFICE
W-103	TOILET
W-201	MECHANICAL PLATFORM

EQUIPMENT ⬡

GROUP	DESCRIPTION
A	VEHICLE LIFTS
B	OVHD REEL SYSTEM
C	LUBE PUMPS
D	FUEL DISPENSERS
G	AIR/WATER REELS
H	HOISTS/CRANES
J	FOOD SERVICE EQUIP.
K	DOCK LEVELER
L	PAINT SPRAY BOOTH
M	ROLLING OIL PAN
N	WORKBENCHES
P	ANCHOR POTS

SUMMARY

WAREHOUSE	
TYPE OF CONST.	II N
TOTAL SQ.FT.	14,400
OCCUP.GRP.	B-2
BLDG. HT.(TOP OF PARAPET)	23'-0
STORIES	ONE + MEZZANINE
OCCUP.LOAD	54



KEY PLAN

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES : ARCHITECTS
E. F. SIEBERT
G. B. BOLLES
4010 MONTECITO AVENUE POST OFFICE BOX 1050
SANTA ROSA, CALIFORNIA 95402 (707) 542-4058

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJECT NO. 7622
DRAWN
CHECKED
DATE 6-11-79
JOB NUMBER 7622

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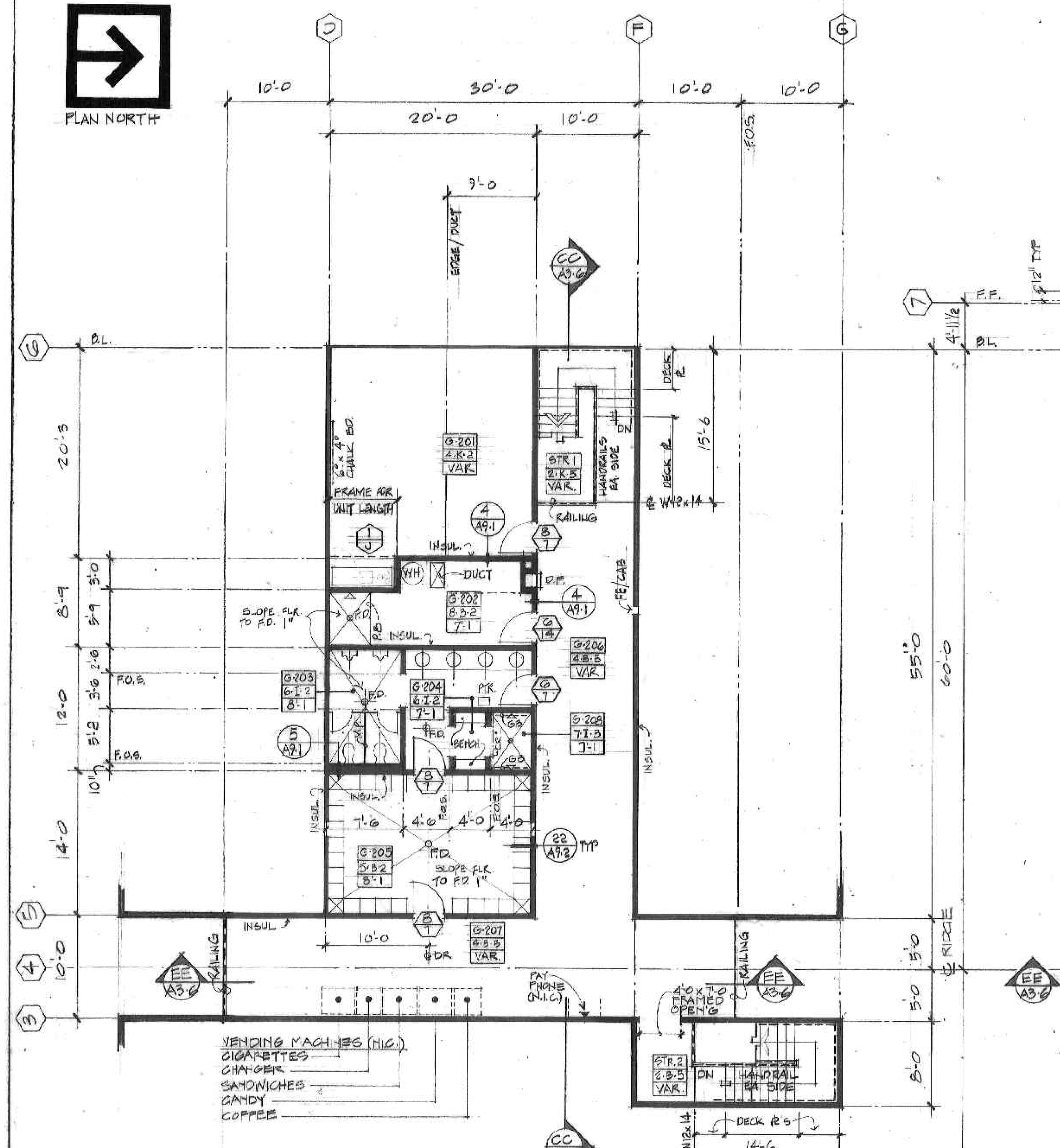
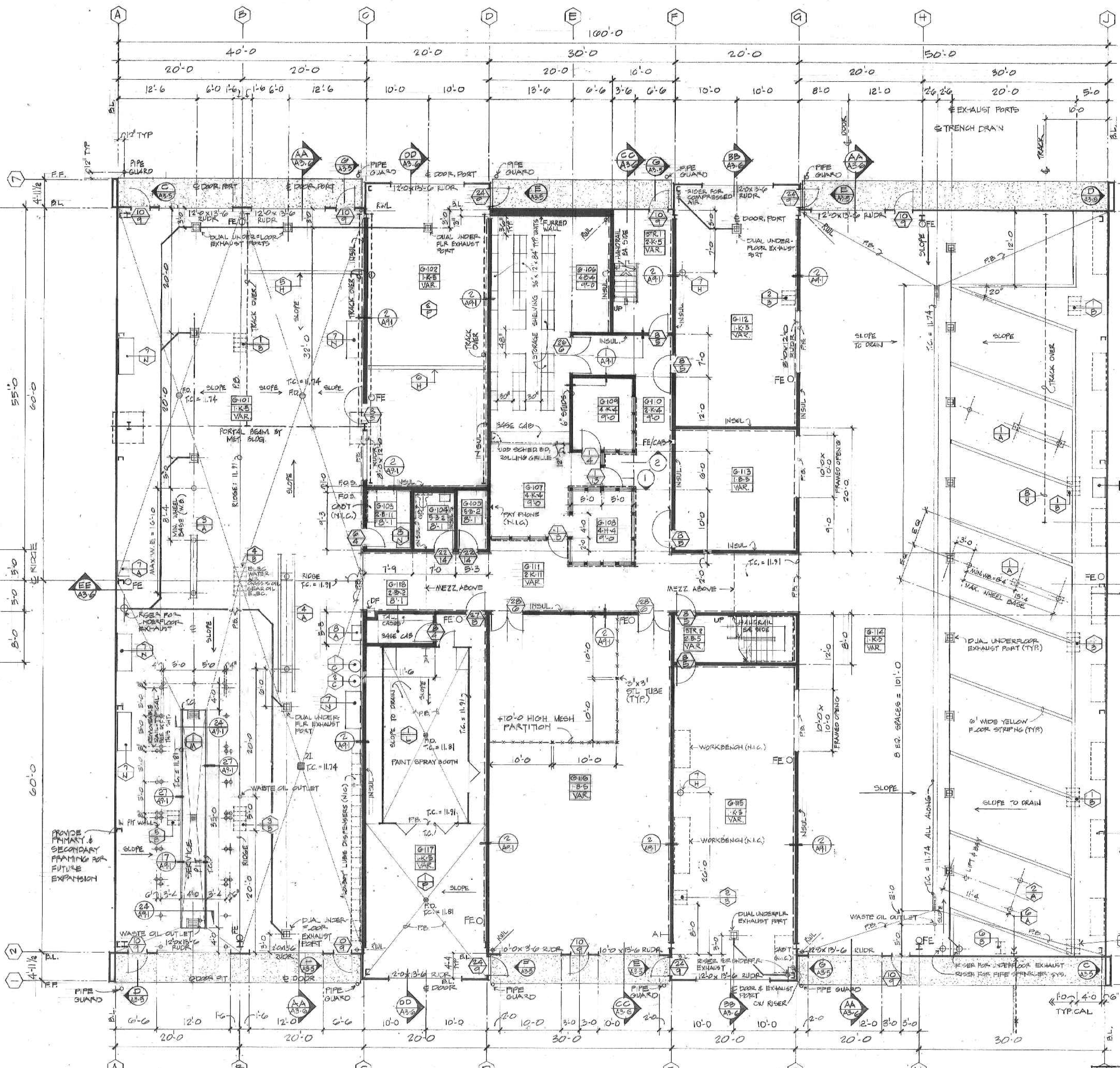
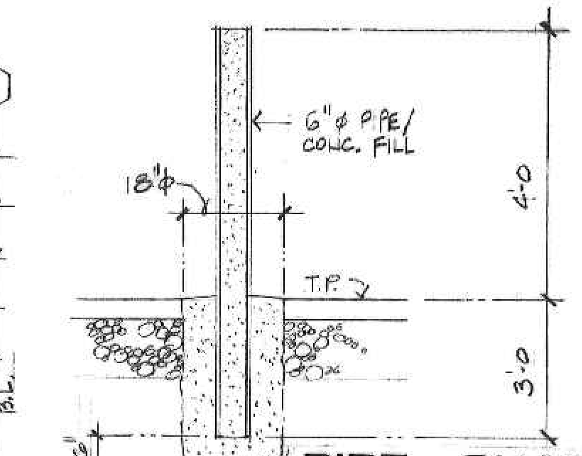


MEZZANINE

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





PIPE GUARD
1/2" = 1'-0

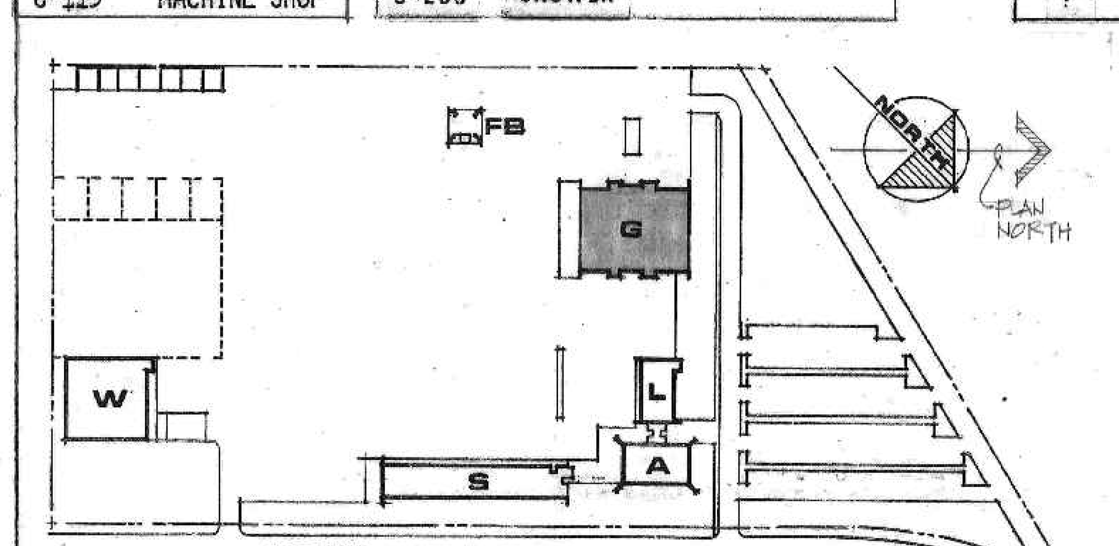
13. MESH PARTITIONS- 3"x 3" COLS ARE TO BE 10'-0 WIDE SPACE (OR FINISH WALL) TO ACCOMODATE PANELS U.O.N. SEE/

GARAGE

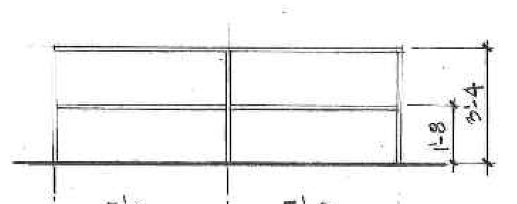
SCALE 1/8" = 1' - 0"

ROOMS	
NUMBER	DESIGNATION
G-101	TRUCK REPAIR
G-102	WELDING
G-103	BATTERY ROOM
G-104	TOILET
G-105	LOCKER ROOM
G-106	PARTS ROOM
G-107	WAITING
G-108	OFFICE
G-109	OFFICE
G-110	HALL
G-111	HALL
G-112	ENGINE ROOM
G-113	MACHINE SHOP
G-114	AUTO REPAIR
G-115	SM. ENGINE REPAIR
G-116	STORAGE
G-117	PAINT ROOM OCC=H2
G-118	PAINT STORAGE OCC=H2
G-201	DAY ROOM
G-202	WOMEN'S SHOWER
G-203	TOILET
G-204	TOILET
G-205	LOCKER ROOM
G-206	HALL
G-207	HALL
G-208	SHOWER

EQUIPMENT	
GROUP	DESCRIPTION
A	VEHICLE LIFTS
B	OVHD REEL SYSTEM
C	LUBE PUMPS
D	FUEL DISPENSERS
G	AIR/WATER REELS
H	HOISTS/CRANES
J	FOOD SERVICE EQUIP.
K	DOCK LEVELER
L	PAINT SPRAY BOOTH
M	ROLLING OIL PAN
N	WORKBENCHES
P	ANCHOR POTS



KEY PLAN



SERVICE PIT RAILING

SCALE: 1/4"=1'-0

GENERAL NOTES:

1. DIMENSION LINES ARE ℄ DIMENSIONS EXCEPT WHERE SHOWN F.O.S.' B.L., OR F.F.
2. ALL FURRED EXTERIOR WALLS TO HAVE BATTEN INSULATION. SEE BUILDING SECTIONS & SPECIFICATIONS FOR TYPE & LOC.
3. SEE SPECIFIC DETAILS FOR DIMENSIONS AT DOORS AND WINDOW WALLS.
4. LAY BLANKET BATTEN INSULATION OVER ALL SUSPENDED CEILING SYSTEMS.
5. PLACE BATTEN INSULATION IN INTERIOR WALLS WHERE SHOWN OR NOTED. SEE BUILDING SECTIONS AND PLANS.
6. ALL GYPSUM BOARD ON WALLS TO A MINIMUM HEIGHT OF +8'-0" ABOVE FLOOR LINE SHALL BE BACKED WITH BLOCKING AT ALL VERTICAL AND HORIZONTAL EDGES.
7. ROOMS G-103, G-117 & G-118 SHALL BE ENCLOSED BY ONE HOUR FIRE SEPARATION WALLS TO UNDERSIDE OF ROOFING. (1 - LAYER FIRECODE X GYP. BD. EA. SIDE STUDS)
8. FOR 'ROOM MATERIAL SCHEDULE' AND 'MATERIAL NOTES' FOR THIS SHEET SEE SHEET A2-3.
9. ALL FINISHED CEILINGS SHALL BE SUSPENDED FROM ROOF OR MEZZANINE STRUCTURE EXCEPT ROOM G-118
10. ALL FULL HEIGHT WALLS (INDICATED THUS: ▬▬▬) SHALL BE 6" METAL STUDS SECURELY ATTACHED TO ROOF STRUCTURE. GLAZED PARTITIONS (INDICATED THUS ═══) SHALL BE DEMOUNTABLE. ALL OTHER WALLS SHALL BE 3 5/8" METAL STUDS PROJECTED 6" ABOVE ADJACENT SUSPENDED CEILING U.O.N.
11. ALL RISERS, RWL, ETC. SHALL BE CLEAR OF EXT. B.L. BY + 8" IN ORDER TO CLEAR WALL GIRTS.
12. SEE 1/A9.2 FOR HANDICAPPED STANDARDS @ RESTROOMS

SUMMARY	
GARAGE	
TYPE OF CONST.	II N
TOTAL SQ.FT.	21,710
OCCUP.GRP.	H-4 W/EXCEPTIONS (H-2)
BLDG.HT.(TOP OF PARAPET)	23'
STORIES	ONE + MEZZANINE
OCCUP.LOAD	217

REVISIONS

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER

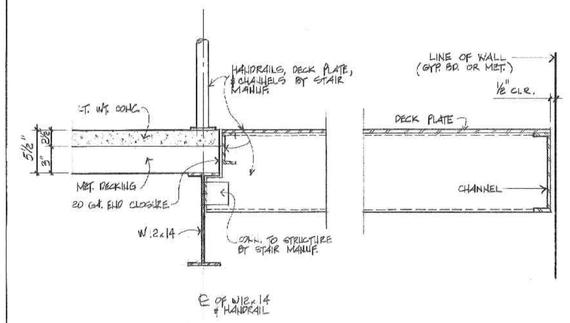
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES | DRAWN BY DODSON | CHECKED BY B | DATE 6-11-79 | JOB NUMBER 722

SHEET NUMBER A2-4

OF 6 INDEX

CITY OF SANTA ROSA FILE No. 79 - 117

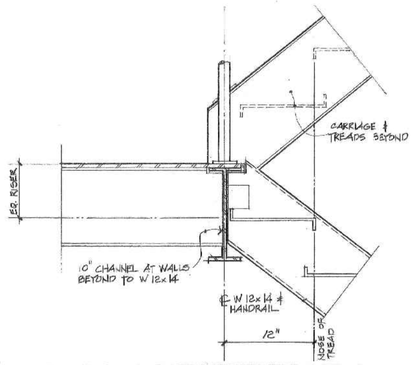


1 A2.5 STAIR LANDING AT MEZZ. FLOOR

SCALE: 1½"= 1'-0

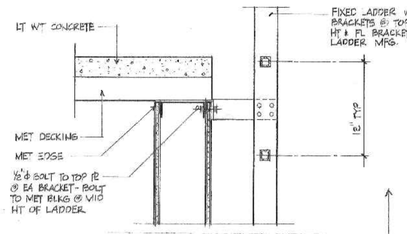
2 A2.5 STAIR LANDING AT AT WALLS

SCALE: 1½"= 1'-0



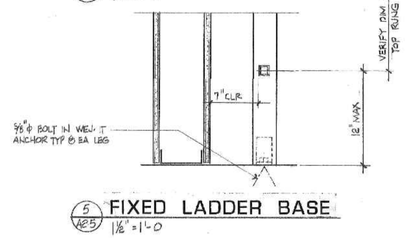
3 A2.5 STAIRS AT INTERMEDIATE LANDING

SCALE: 1½"= 1'-0



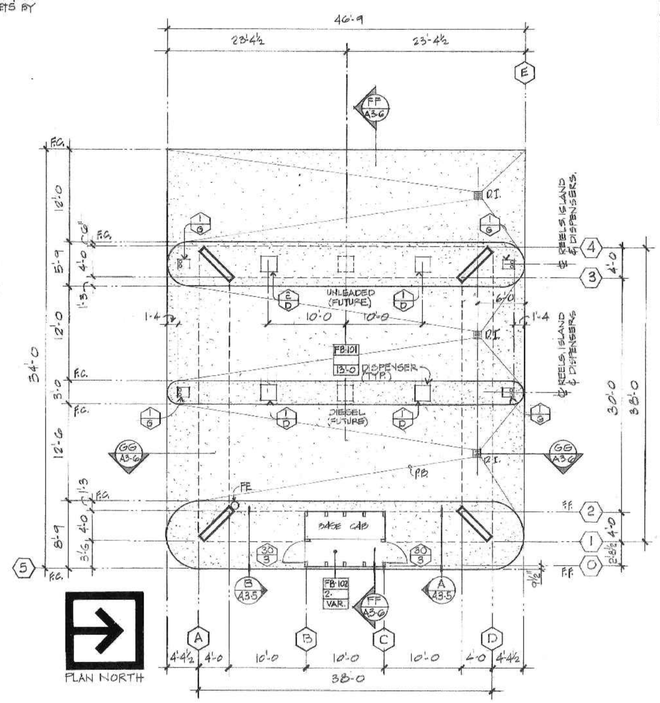
4 A2.5 FIXED LADDER TOP

1½" = 1'-0



5 A2.5 FIXED LADDER BASE

1½" = 1'-0

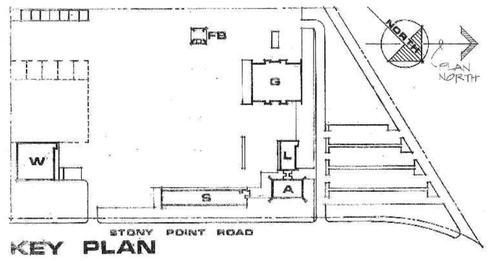


FUELING BAY

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

SUMMARY	
FUELING BAY	
TYPE OF CONST.	II N
TOTAL SQ.FT.	1,474
OCCUP.GRP.	B-1
BLDG.HT.(TOP OF PARAPET)	20'-6
STORIES	ONE
OCCUP.LOAD	15

EQUIPMENT	
GROUP	DESCRIPTION
A	VEHICLE LIFTS
B	OVHD REEL SYSTEM
C	LUBE PUMPS
D	FUEL DISPENSERS
G	AIR/WATER REELS
H	HOISTS/CRANES
I	FOOD SERVICE EQUIP.
J	DOCK LEVELER
K	PAINT SPRAY BOOTH
L	ROLLING OIL PAN



KEY PLAN

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4952

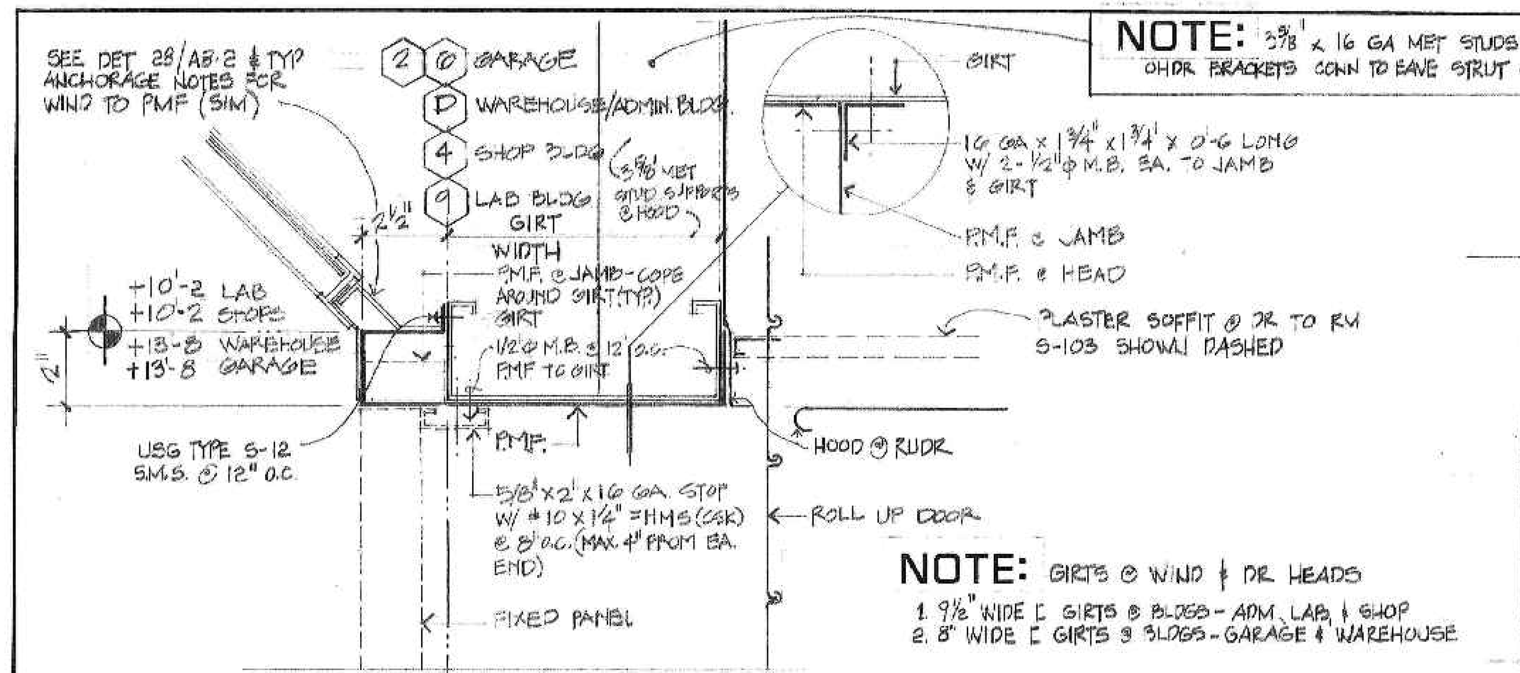
SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

DRAWN: WOLLES CHECKED: JEFFRIES DATE: 6-11-79 JOB NUMBER: 7912

SHEET NUMBER A2-5

OF 6 INDEX

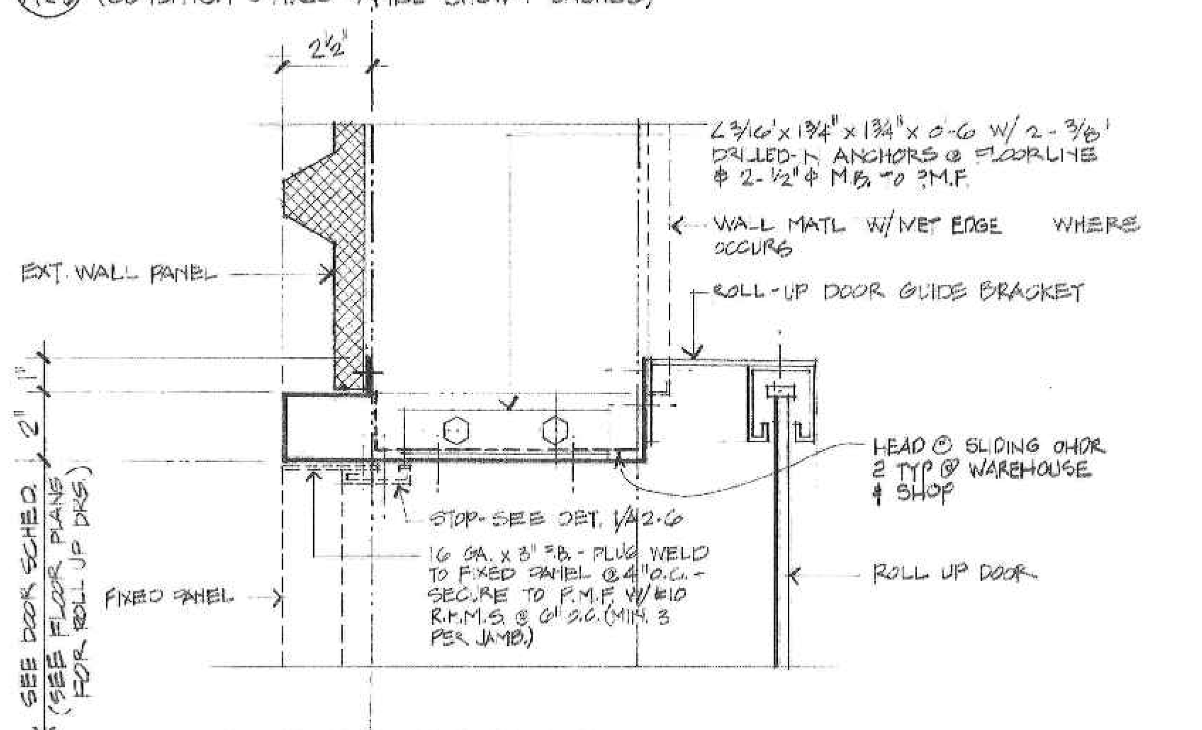
CITY OF SANTA ROSA FILE No. 79-117



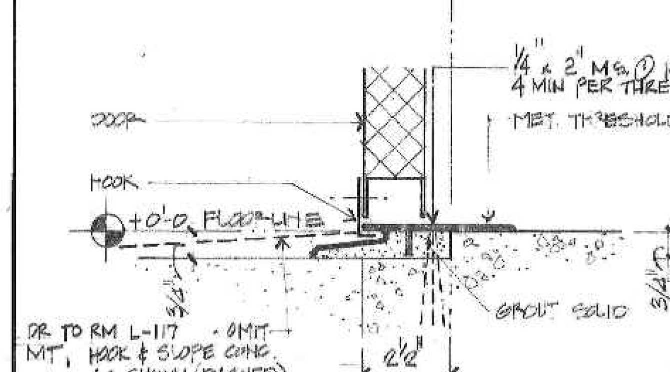
NOTE: 3⅝" x 16 GA MET STUDS @ OHDR BRACKETS CONN TO EAVE STRUT OVER

NOTE: GIRTS @ WIND & DR HEADS
1. 9½" WIDE [GIRTS @ BLDGS - ADM, LAB, & SHOP
2. 8" WIDE [GIRTS @ BLDGS - GARAGE & WAREHOUSE

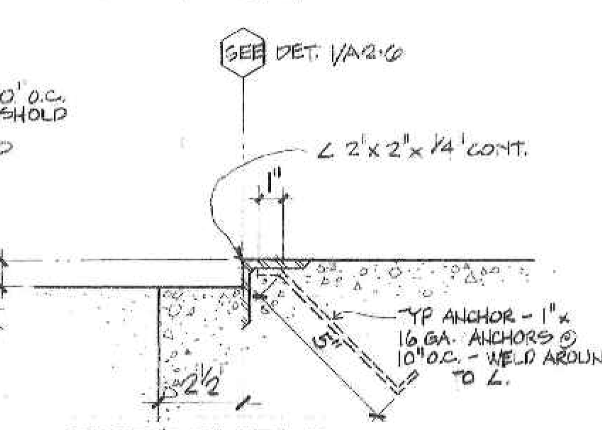
(1/A2-6) HEAD - TYP. EXT. DOOR
(CONDITION @ FIXED PANEL SHOWN DASHED)



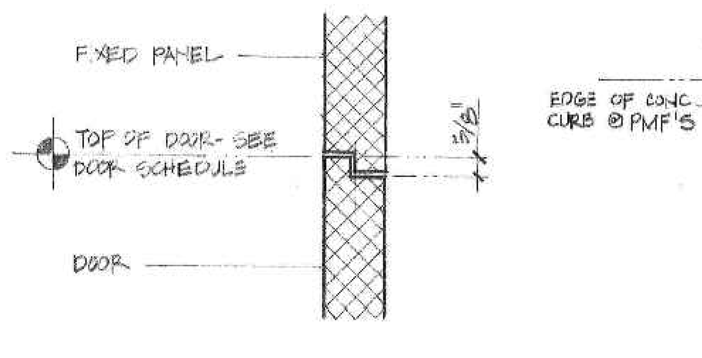
(2/A2-6) JAMB - TYP. EXT. DOOR (HEAD SIM @ DRS 10 RM S-138 & W-101)
(CONDITION @ FIXED PANEL SHOWN DASHED - SIM. @ DOOR FOR STOPS)



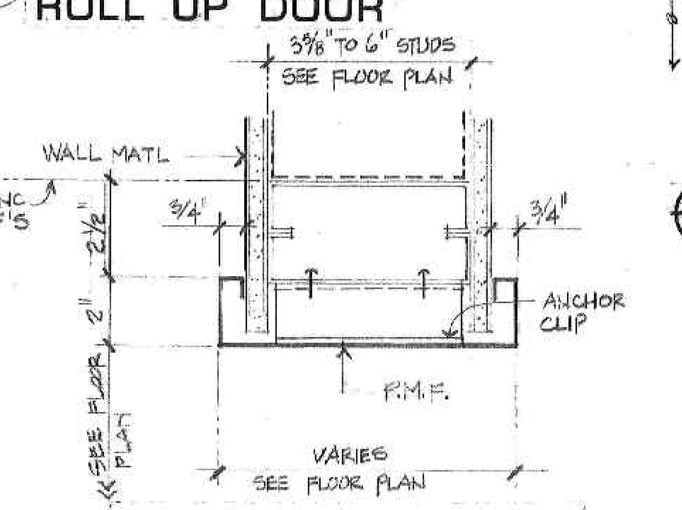
(3/A2-6) THRESHOLD - TYP. EXT. DOOR



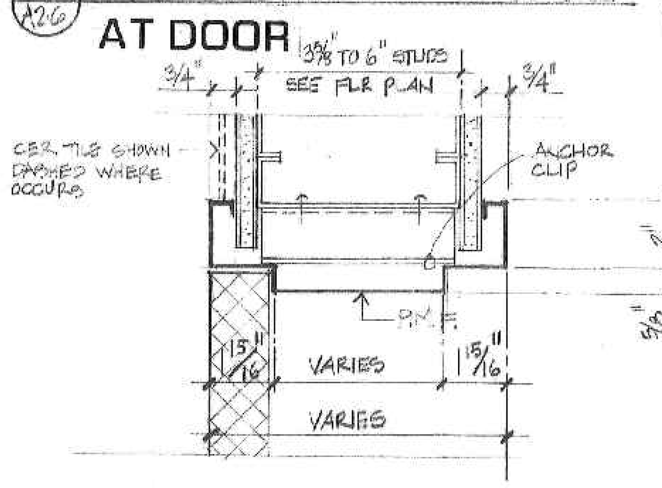
(3A/A2-6) THRESHOLD - ROLL UP DOOR



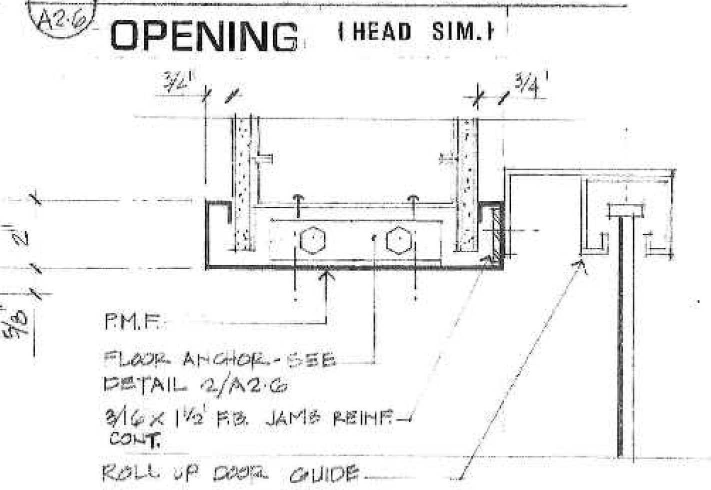
(4/A2-6) SECTION - FIXED PANEL AT DOOR



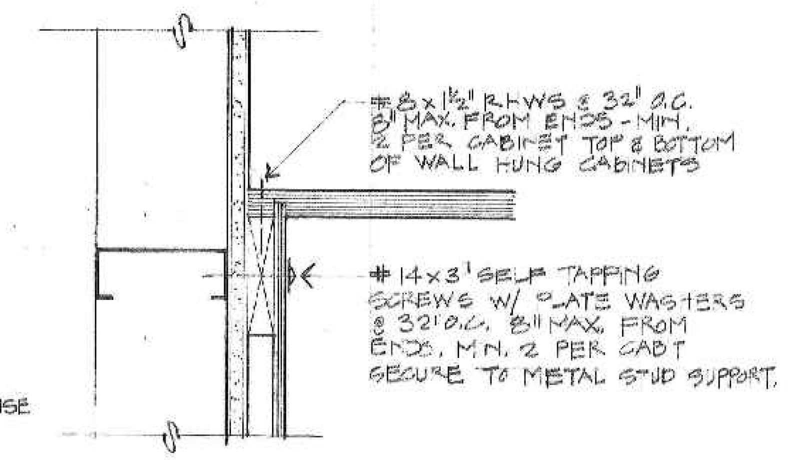
(6/A2-6) JAMB - TYP. FRAMED OPENING (HEAD SIM.)



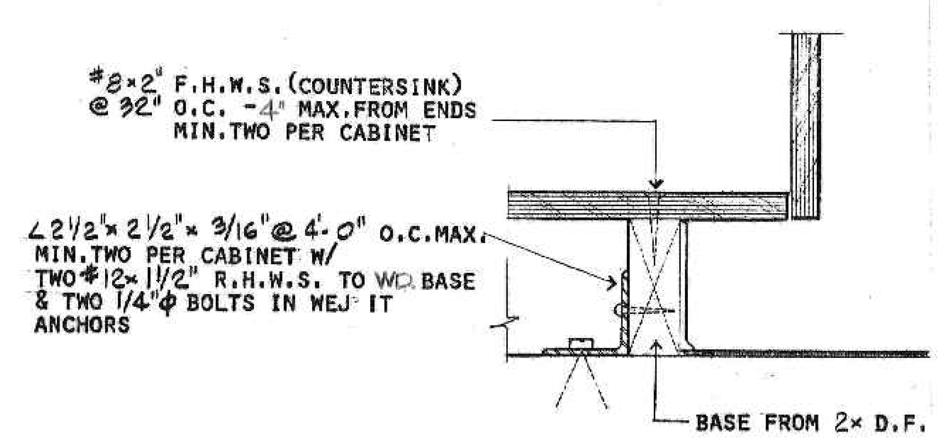
(5/A2-6) JAMB - TYP. INT. DOOR
(HEAD SIM.) SEE DETAIL 6/A2-6 FOR TYP COND @ CONC CURBS @ PMF'S



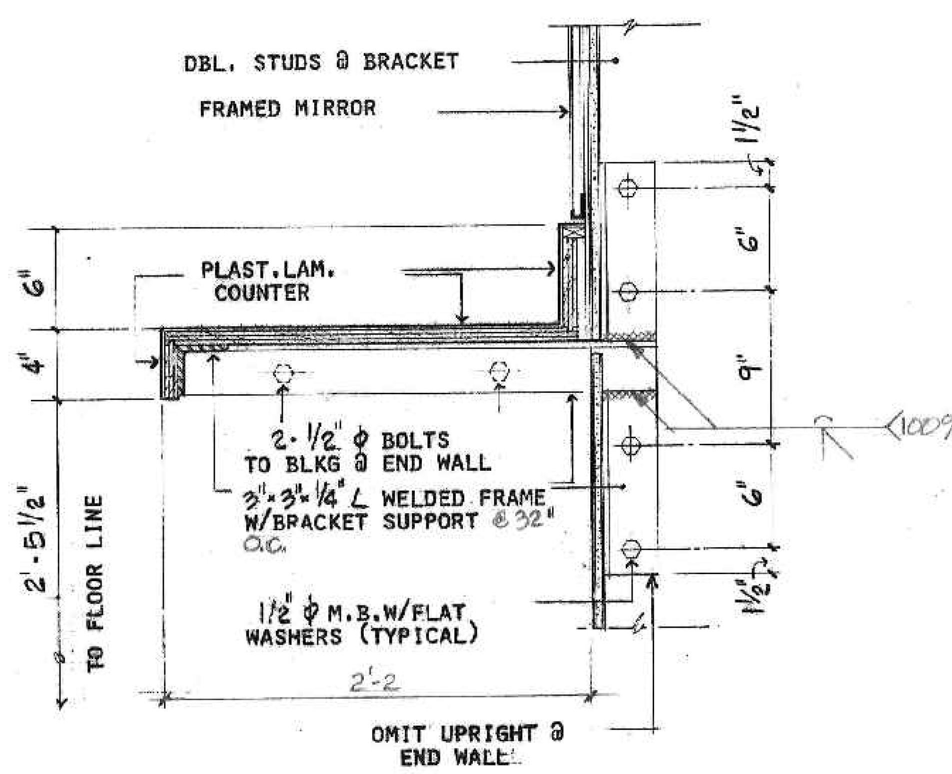
(7/A2-6) JAMB - INT. ROLL UP DOOR
(HEAD SIM.)



(8/A2-6) CASEWORK & MILLWORK WALL ANCHORAGE



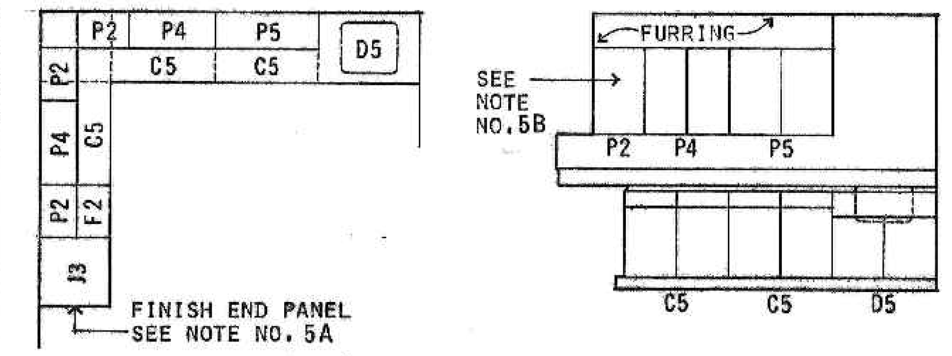
(9/A2-6) BASE ANCHORAGE
SCALE: 3" = 1' - 0"



(10/A2-6) WALL HUNG COUNTER
SCALE: 1 1/2" = 1' - 0"

NOTE: DETAILS THIS SHEET DRAWN @ 3" = 1'-0 U.O.N.

MODULAR CASEWORK SCHEDULE



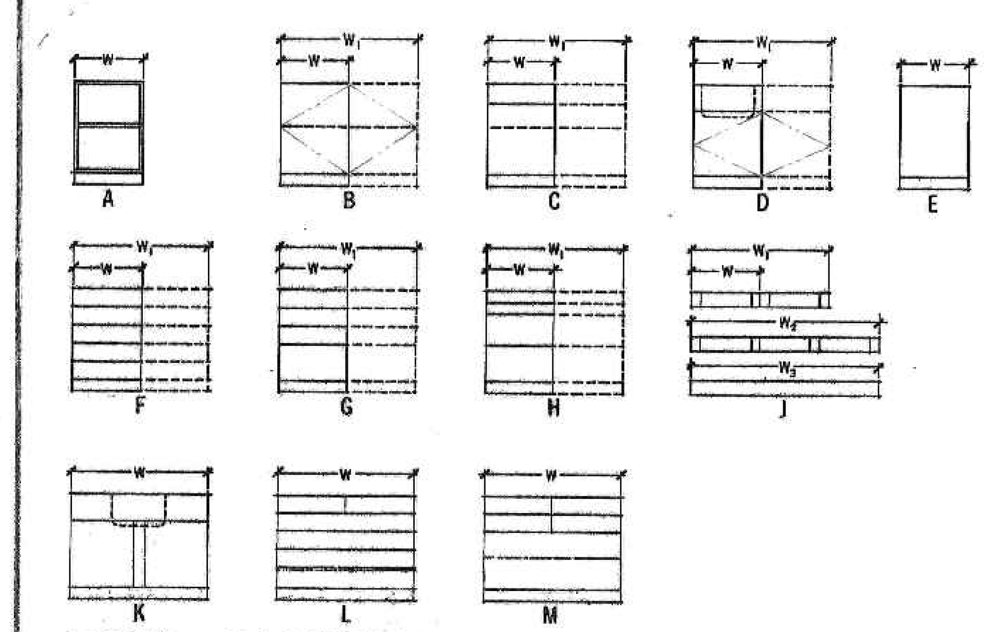
PLAN ELEVATION

1. LEGEND
   - P4 — WIDTH OF CASEWORK (SEE WIDTH SCHEDULE NOTE 2)
   - TYPE OF CASEWORK
   - (L) — PROVIDE LOCK
   - (M) — MODIFIED UNIT - WIDTH &/OR HEIGHT, LENGTH
2. WIDTH SCHEDULE

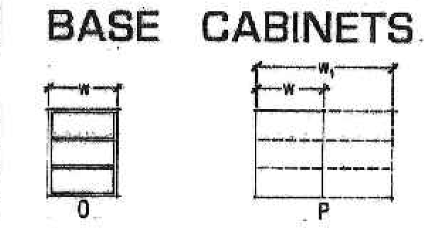
NO.	WIDTH	NO.	WIDTH
1	15"	5	36"
2	18"	6	42"
3	24"	7	54"
4	30"	8	60"
		9	48"

W_1 = No. 4,5,6,7,8
KNEESPACES:
W_1 = No. 4,5,6
W_2 = No. 7,8
W_3 = No. 9 (WIDTH AS REQUIRED)

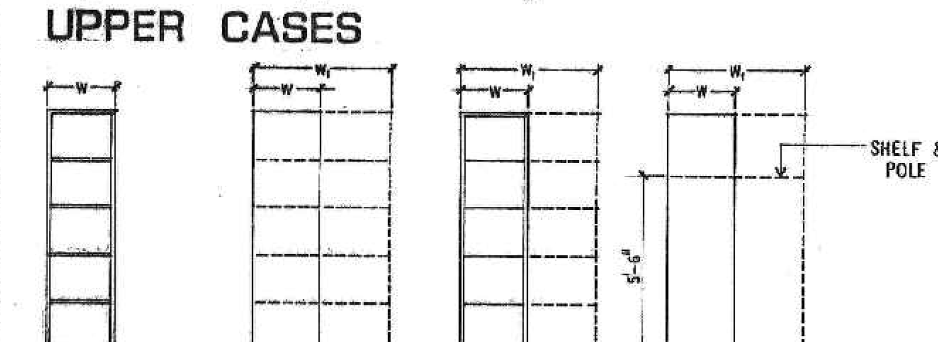
3. TYPICAL HEIGHTS OF CASEWORK (UNLESS OTHERWISE NOTED ON PLANS)
   - BASE CABINETS = 36", 30" WHERE CASE TYPE NUMBER IS DOUBLED, I.E. AA2
   - UPPER CASES = 30"
   - TALL CASES = 84"
4. TYPICAL DEPTH OF CASEWORK (UNLESS OTHERWISE NOTED ON PLANS)
   - BASE CABINETS = 22"
   - UPPER CASES = 13"
   - TALL CASES = 22", 13" WHERE CASE TYPE NUMBER IS DOUBLED, I.E. UU2
5. GENERAL NOTES
   - A. PROVIDE FINISH END PANELS FOR SUPPORT OF COUNTER TOP AT UNDER COUNTER EQUIPMENT OR KNEE SPACES.
   - B. ALL DOORS IN "W" UNITS TO SWING TO THE RIGHT EXCEPT FOR EXTREME LEFT UNIT (U.O.N. ON PLANS).
   - C. SEE DETAILS 8/A2-6 & 9/A2-6 FOR TYP CAB ANCHORAGE
   - D. SEE PLANS/ELEVS FOR DEPTH OF CASEWORK NOT NOTED BY SCHOOL DESIGNATION



BASE CABINETS

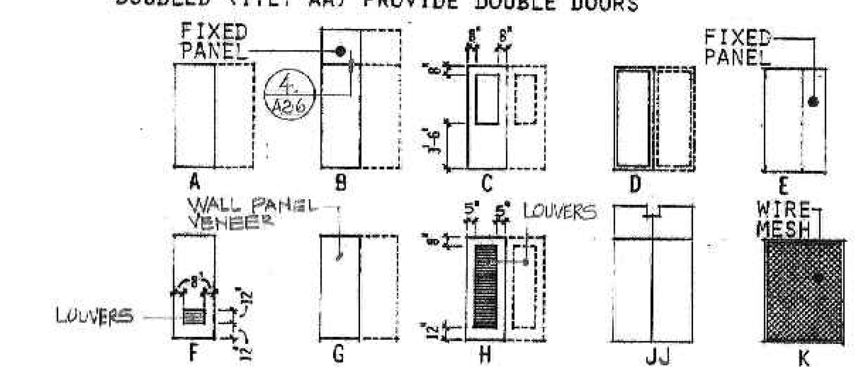


UPPER CASES

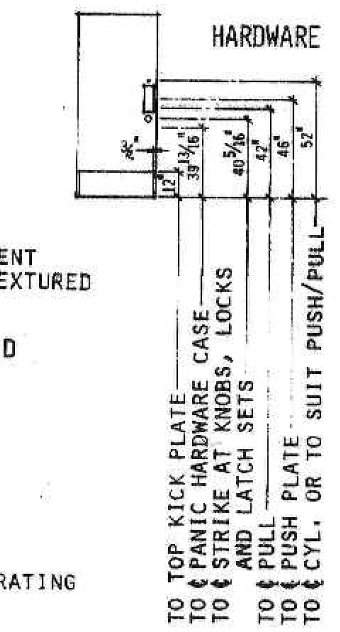


TALL CASES

1. DOOR TYPES: WHERE DOOR TYPE LETTER IS SINGLE (I.E. A) PROVIDE A SINGLE DOOR. WHERE DOOR TYPE LETTER IS DOUBLED (I.E. AA) PROVIDE DOUBLE DOORS

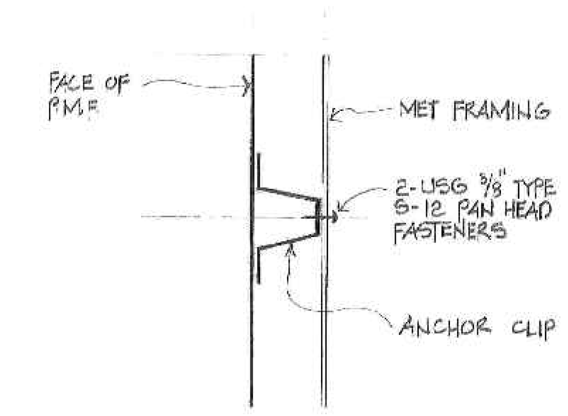


2. DOT "•" SHOWN ON SCHEDULE INDICATES TYPICAL
3. ALL DOORS 1-3/4" THICK U.O.N.
4. DOOR CONSTRUCTION
   - ●TYPICAL = SOLID CORE
   - HC = HOLLOW CORE
   - HM = HOLLOW METAL
   - AL = ALUMINUM & GLASS
   - SP = SPECIAL
5. FACING & FINISH
   - ●TYPICAL = RED BIRCH, TRANSPARENT
   - PT = PLASTIC LAMINATE, TEXTURED
   - MP = METAL, PAINTED
   - SP = SPECIAL
   - WMP = WIRE MESH, PAINTED
6. GLASS
   - ●TYPICAL = CLEAR PLATE
   - SG = SHEET GLASS
   - CW = CLEAR WIRE
   - TP = TEMPERED PLATE
   - LG = LEAD GLASS
   - SP = SPECIAL
7. 3/4, 1, 1-1/2 ETC. INDICATES HOURS OF FIRE RATING
8. THRESHOLD NUMBERS INDICATE DETAIL & ARCHITECTURAL SHEET NUMBER.
9. HEAD NUMBERS INDICATE DETAIL & ARCHITECTURAL SHEET NUMBER.
10. JAMB (RIGHT-R.H. (R) DOOR) NUMBERS INDICATE DETAIL & ARCHITECTURAL SHEET NUMBER.
11. JAMB (LEFT-R.H. (R) DOOR) NUMBERS INDICATE DETAIL & ARCHITECTURAL SHEET NUMBER.
12. FIXED PANEL ABOVE/SEE DETAILS FOR FRAME SIZE REQUIREMENTS & DET 4- A2-6.
13. FULL HT. LOUVERS (FIXED)
14. PROVIDE CLEARANCE FOR HOIST TRACK AS REQUIRED (DR JJ, 2 PAIRS OF 7 HT DRS' SEE RM S-132
15. SUPPLIED BY MESH PARTITION MANUFACTURER (STD. SIZE). DETAILS PER MANUF. STDS.
16. UNDERCUT DOOR 1".
17. DETAILS PER WALL MANUF. STDS.
18. THRESHOLD DETAIL IS SIMILAR.
19. BUTLER - RIB PANEL OVER HM DOOR 1-SIDE, PAINT BACK SIDE & EDGES
20. RM S-140 LOUVER DIMS ARE 20" x 24"
21. HEAD DETAIL IS SIMILAR
22. DR HEAD DETAIL IS 12/A9.1 @ DR 10 TO RM S-138 SOUTH & RM W-101 WEST
23. SEE DETAIL 6/A2-6 FOR CONC CURB CONDITION @ PMF
24. DRS #4 TO A-119 & A-117 - MODIFY GIRT @ HEAD TO ACCOMODATE 2" WIDE PMF TO +7'-0 DR.
25. DR TO RM G-117 SHALL BE 1-HOUR FIRE RATED

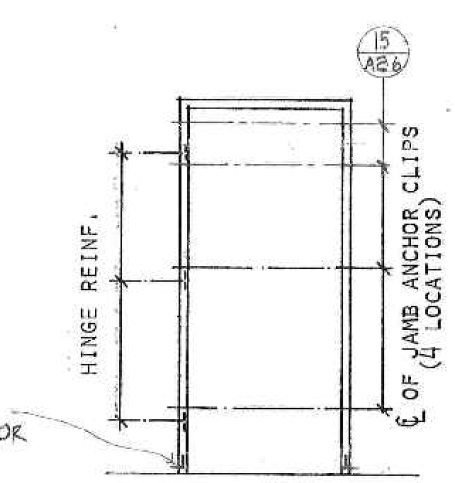


DOOR SCHEDULE

DOOR MARK	OPENING SIZE	TYPE (NOTE 2)	THICKNESS (3)	CONSTRUCTION (4)	FACING & FINISH (5)	GLASS (6)	RATING (7)	THRESHOLD (8)	HEAD (9)	JAMB (10)	JAMB (11)	REMARKS NOTE NO.
1	3'-0 x 8'-10	A	●	●	PT							17
2	6'-0 x 8'-10	AA	●	●	PT							17
3	6'-0 x 8'-10½ SLDG GL. DR.	DD		AL		TP			18/A9.1	19/A9.1	19/A9.1	
4	3'-0 x 7'-0	A	●	HM	MP			3/A2.6	1/A2.6	2/A2.6	2/A2.6	
5	6'-0 x 6'-8	DD		AL		TP		1/A8.1	3/A8.1	10/A8.1	10/A8.1	
6	3'-0 x 6'-8	F	●	HM	MP				5/A2.6	5/A2.6	5/A2.6	20
7	3'-0 x 6'-8	A	●	HM	MP		1½		26/A9.1	26/A9.1	26/A9.1	
8	3'-0 x 6'-8	A	●	HM	MP				5/A2.6	5/A2.6	5/A2.6	
9	6'-0 x 6'-8	BB	●	HM	MP			3/A2.6	1/A2.6	2/A2.6	2/A2.6	12
10	3'-0 x 6'-8	B	●	HM	MP			3/A2.6	1/A2.6	2/A2.6	10/A9.1	12/22
11	6'-0 x 6'-8	CC	●	HM	MP	TP			5/A2.6	5/A2.6	5/A2.6	
12	6'-0 x 8'-0	BB	●	HM	MP			3/A2.6	12/A9.1	2/A2.6	2/A2.6	12/18
13	3'-0 x 6'-8	D	●	AL		TP		1/A8.1	0/A8.1	10/A8.4	13/A8.4	21
14	5'-0 x 6'-8	HH	●	HM	MP			3/A2.6	1/A2.6	2/A2.6	2/A2.6	13
15	3'-0 x 6'-8	C	●	HM	MP	TP			5/A2.6	5/A2.6	5/A2.6	
16	6'-0 x 6'-8	AA	●	HM	MP		1		5/A2.6	5/A2.6	5/A2.6	
17	6'-0 x 14'-0	JJ	●	HM	MP				5/A2.6	5/A2.6	5/A2.6	14
18	4'-0 x 6'-8	AA	●	HM	MP		1		5/A2.6	5/A2.6	5/A2.6	
19	4'-0 x 7'-0	K		WMP								15
20	6'-0 x 7'-0 SLIDING GATE	K		WMP								15
21	10'-0 x 10'-0 SLIDING GATE	K		WMP								15
22	3'-0 x 6'-8	A	●	HM	MP				5/A2.6	5/A2.6	5/A2.6	16
23	3'-0 x 6'-8	D		AL		TP		11/A8.1	10/A8.1	3/A8.1	10/A8.4	21
24	3'-0 x 6'-8	A	●	HM	MP			3/A2.6	20/A9.1	21/A9.1	21/A9.1	25
26	6'-0 x 6'-8	AA	●	HM	MP				5/A2.6	5/A2.6	5/A2.6	
27	3'-0 x 6'-8	A	●	HM	MP		1		5/A2.6	5/A2.6	5/A2.6	
28	5'-0 x 6'-8	AA	●	HM	MP				5/A2.6	5/A2.6	5/A2.6	
29	3'-0 x 7'-0	K		WMP								5
30	2-10½ x 6'-8	D		AL		TP		10/A8.5	5/A8.5	4 & 4A/A8.5	A8.5	18
31	3'-0 x 7'-0	G	4¼"	HM	MP				8/A1.2	13/A1.2	13/A1.2	19
32	6'-0 x 7'-0	GG	4¼"	HV	MP				8/A1.2	13/A1.2	13/A1.2	19
33	3'-0 x 7'-10	A	●	HM	MP				15/A9.2	17 & 18/A9.2	A9.2	
34	3'-0 x 6'-8	D	●	AL		TP		11/A8.1	20/A8.4	18/A8.4	17/A8.4	



(15/A2-6) PMF ANCHOR CLIPS
SCALE: 3" = 1'-0



ELEVATION

GENERAL NOTES:

1. SEE DETAILS FOR TYPICAL JAMB ANCHORS - CLIPS WELDED TO FRAME (15/A2-6)
2. HEADS EXCEEDING 36" IN WIDTH (INCLUDING MULTIPLE OPENINGS) SHALL HAVE 1 ANCHOR CLIP PER 36" LINEAL FT. (2-MIN.)
3. SEE DOOR SCHEDULE FOR METAL FRAME OPENING DIMENSION. (SEE REMARKS).
4. METAL FRAME U.L. LABEL SHALL MATCH THE HOUR OF THE DOOR U.L. LABEL SPECIFIED FOR THAT PARTICULAR OPENING.
5. SEE THE DOOR SCHEDULE FOR THE FRAME PROFILE REQUIRED FOR THE PARTICULAR OPENING.

METAL FRAME

REVISIONS

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. BIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES | DRAWN BY [illegible] | CHECKED BY B | DATE 6-11-79 | JOB NUMBER 722

SHEET NUMBER A2-6
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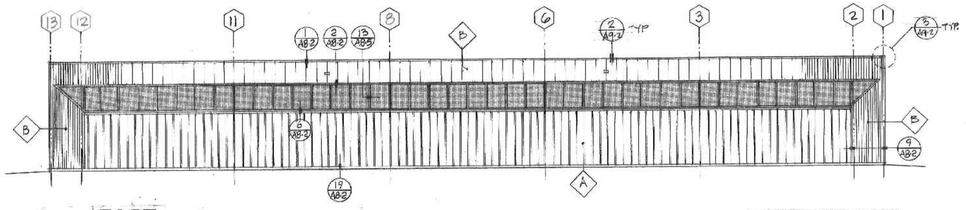
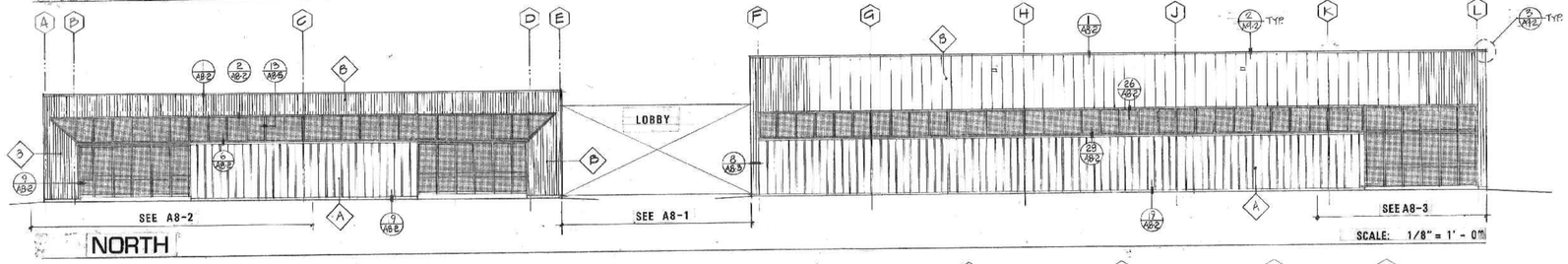
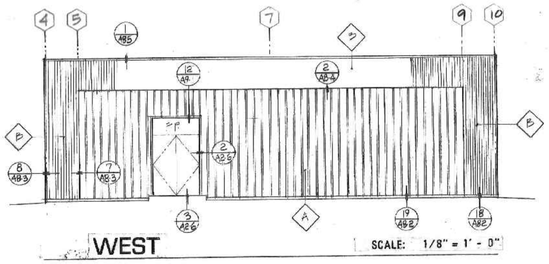
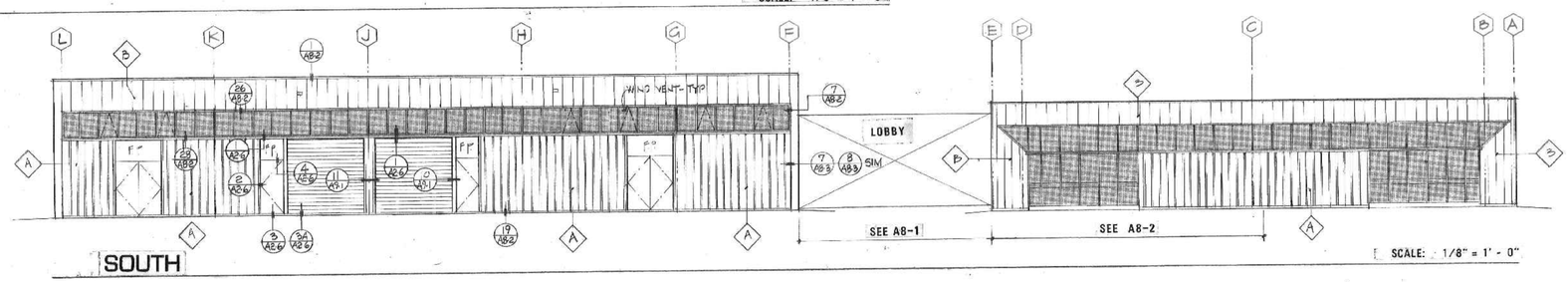
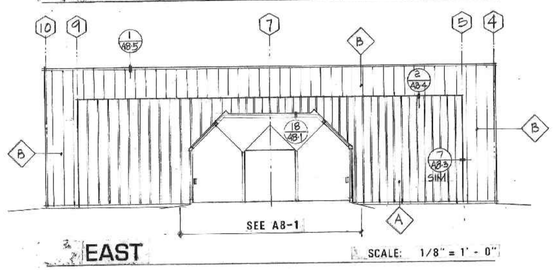
CITY OF SANTA ROSA FILE No. 79 - 117

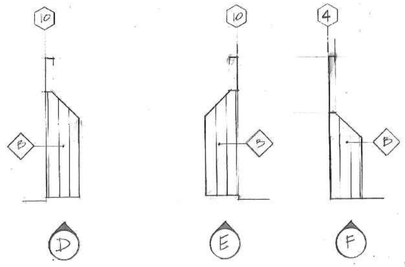


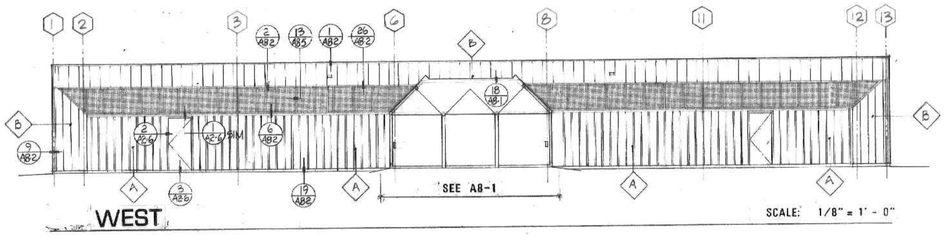










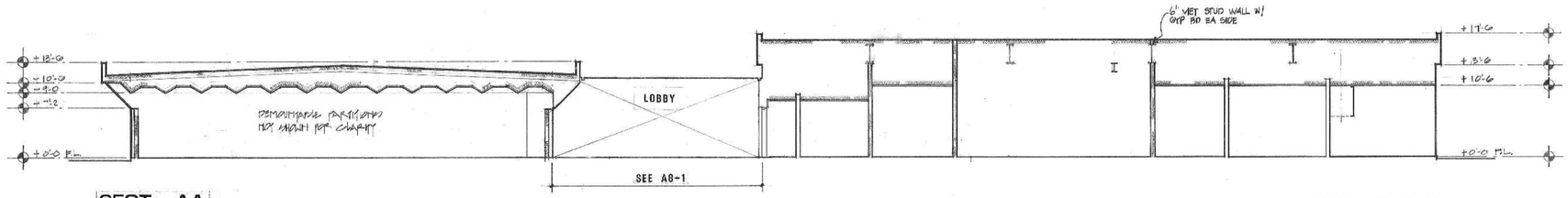


SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY WD CO
CHECKED BY B
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER
A3-1
OF 6



SECT. AA

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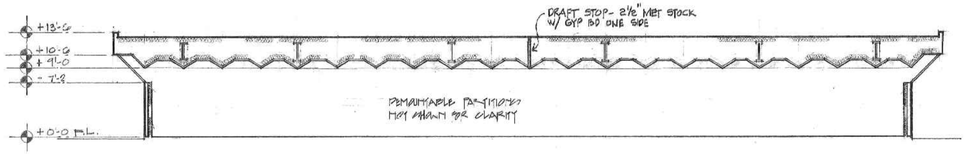

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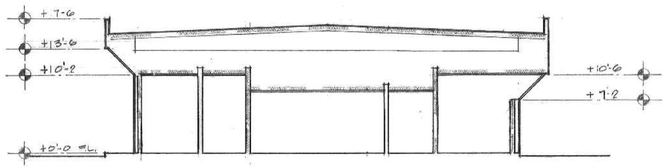

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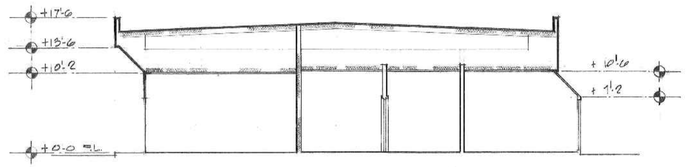

SECT. EE

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

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES, - ARCHITECTS
E. F. SIEBERT
G. B. BOLLES
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4932

SANTA ROSA MUNICIPAL
SERVICE CENTER
SANTA ROSA CALIFORNIA

DRAWN BY: BOLLES
CHECKED BY:
DATE: 6-1-79
JOB NUMBER: 7925

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A3-2
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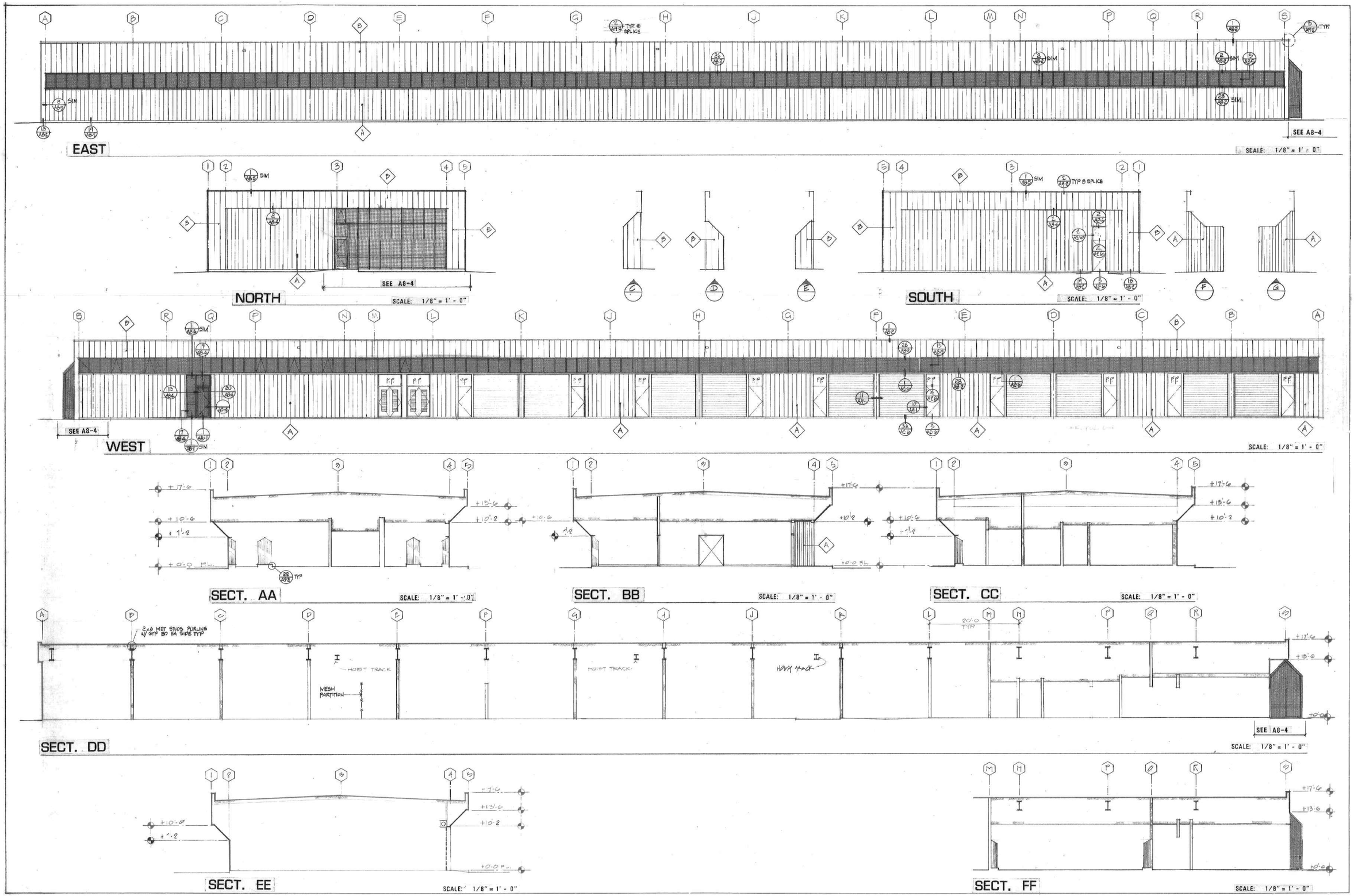
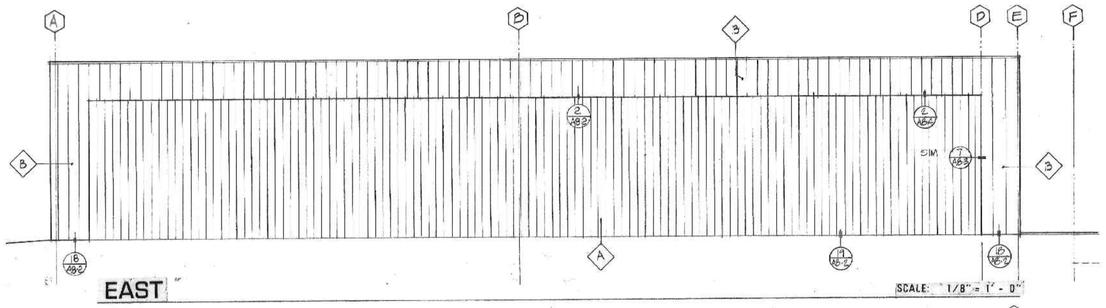


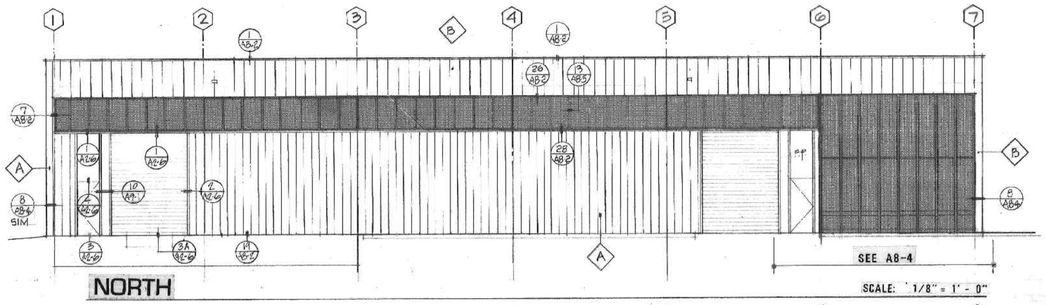
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

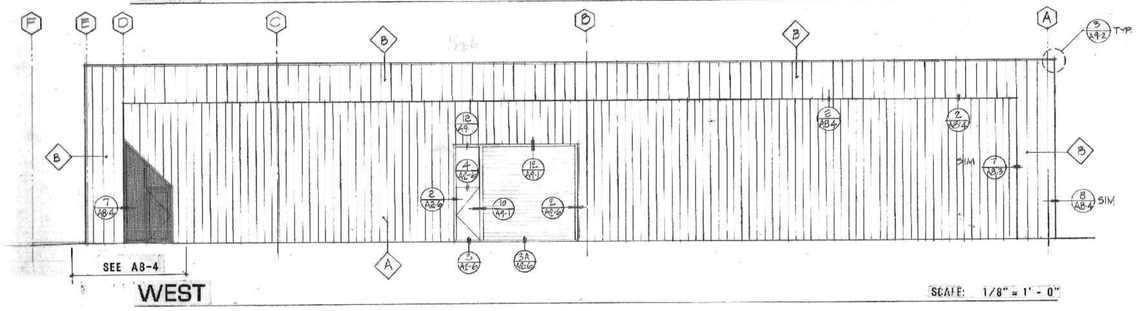
SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

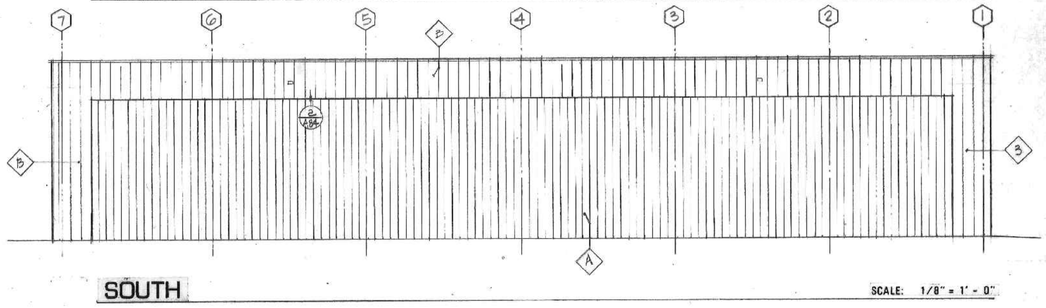
SHEET NUMBER
A3-3

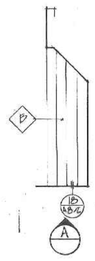
CITY OF SANTA ROSA FILE No. 79 - 117

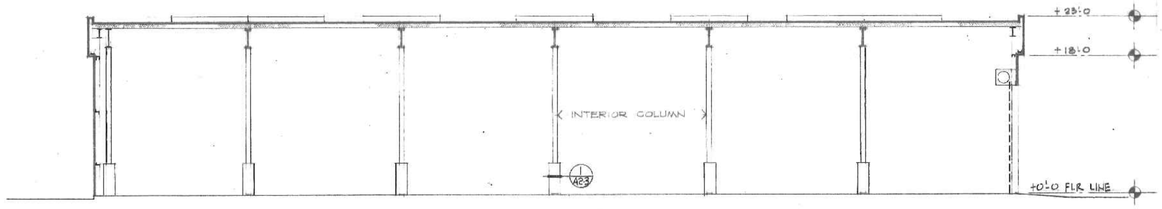












SECT. AA
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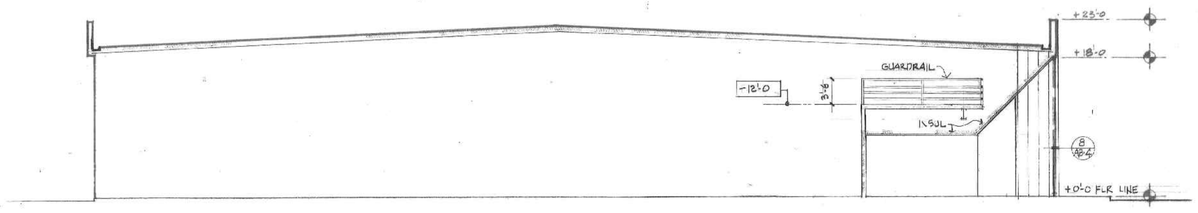

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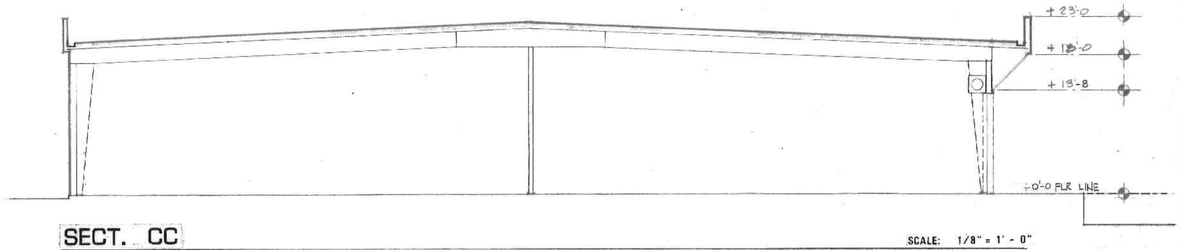

SECT. CC
SCALE: 1/8" = 1' - 0"

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY
CHECKED BY B
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER
A3-4
OF 6 INDEX

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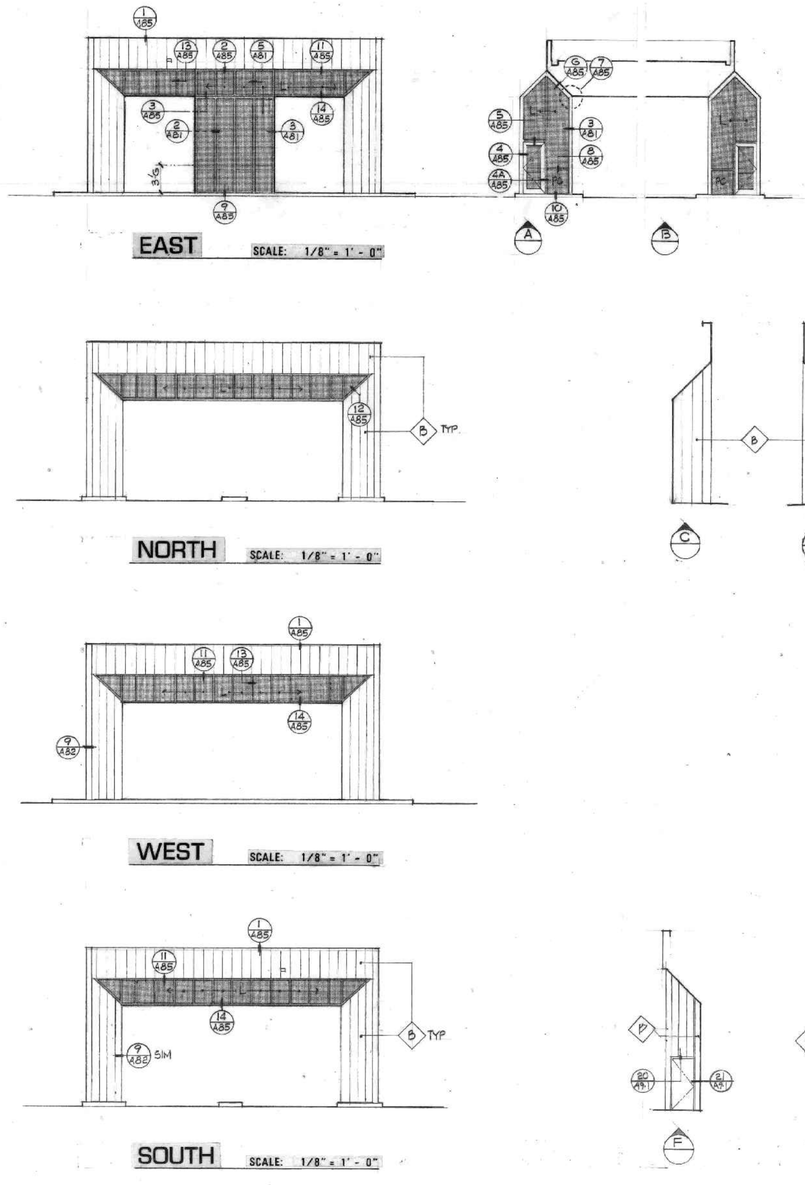
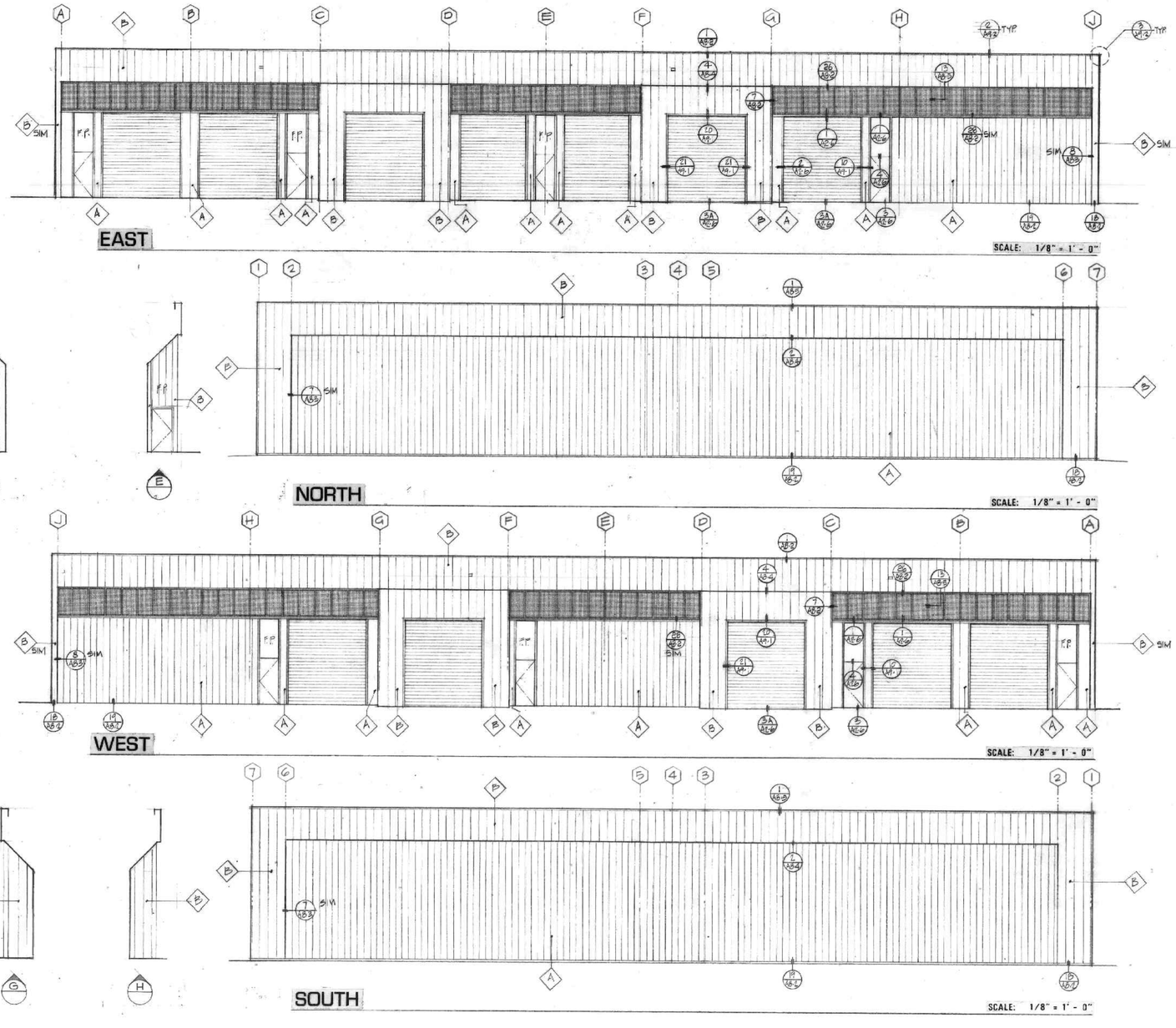


FUELING BAY ELEVATIONS



GARAGE ELEVATIONS

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY WJ GB
CHECKED BY B
DATE 6-11-79
JOB NUMBER 722

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A3-5
OF 6 INDEX

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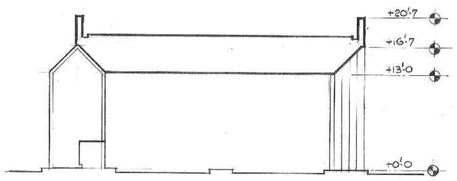
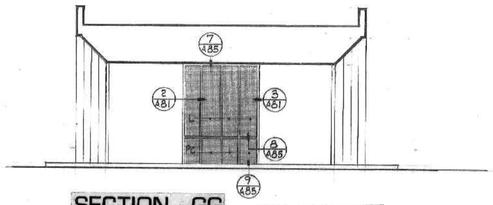
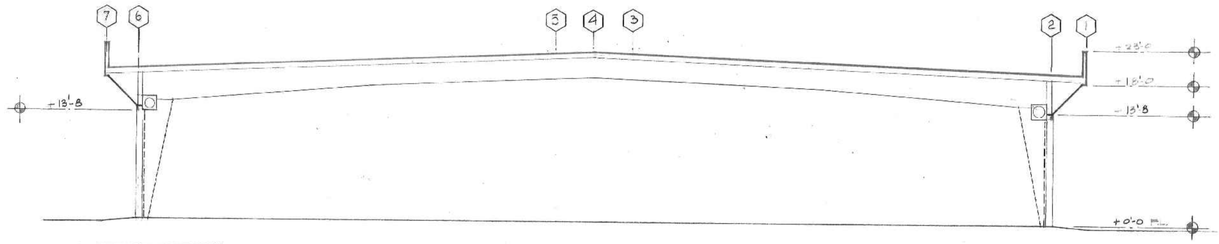


SECTION FF SCALE: 1/8" = 1' - 0"



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

FUELING BAY



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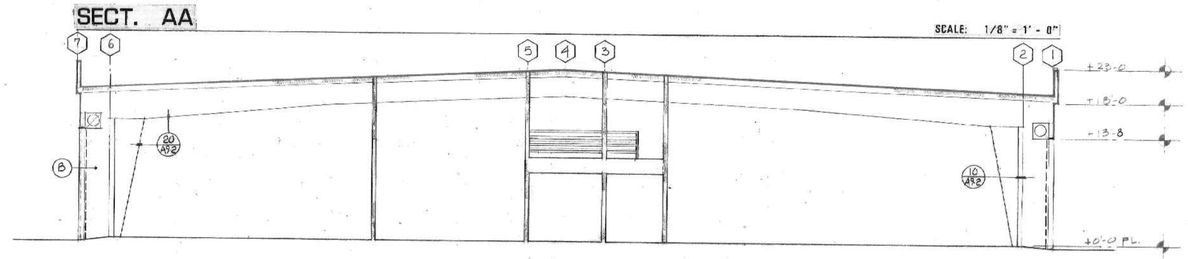
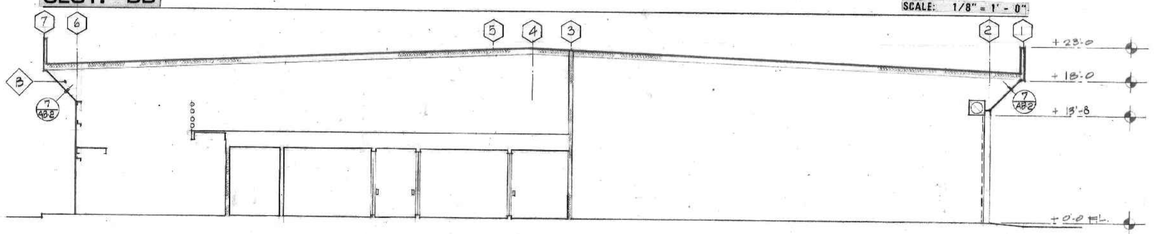


SECT. BB SCALE: 1/8" = 1' - 0"



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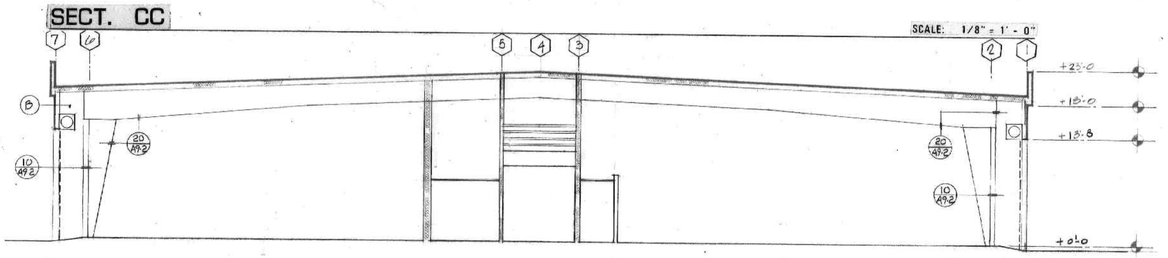

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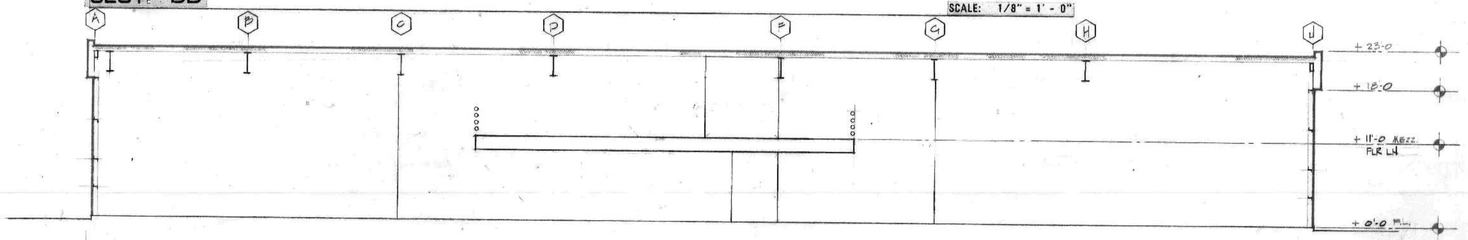

SECT. EE SCALE: 1/8" = 1' - 0"

GARAGE

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

DRAWN BY: BOLLES
CHECKED BY:
DATE: 6-11-79
JOB NUMBER: 722

SHEET NUMBER
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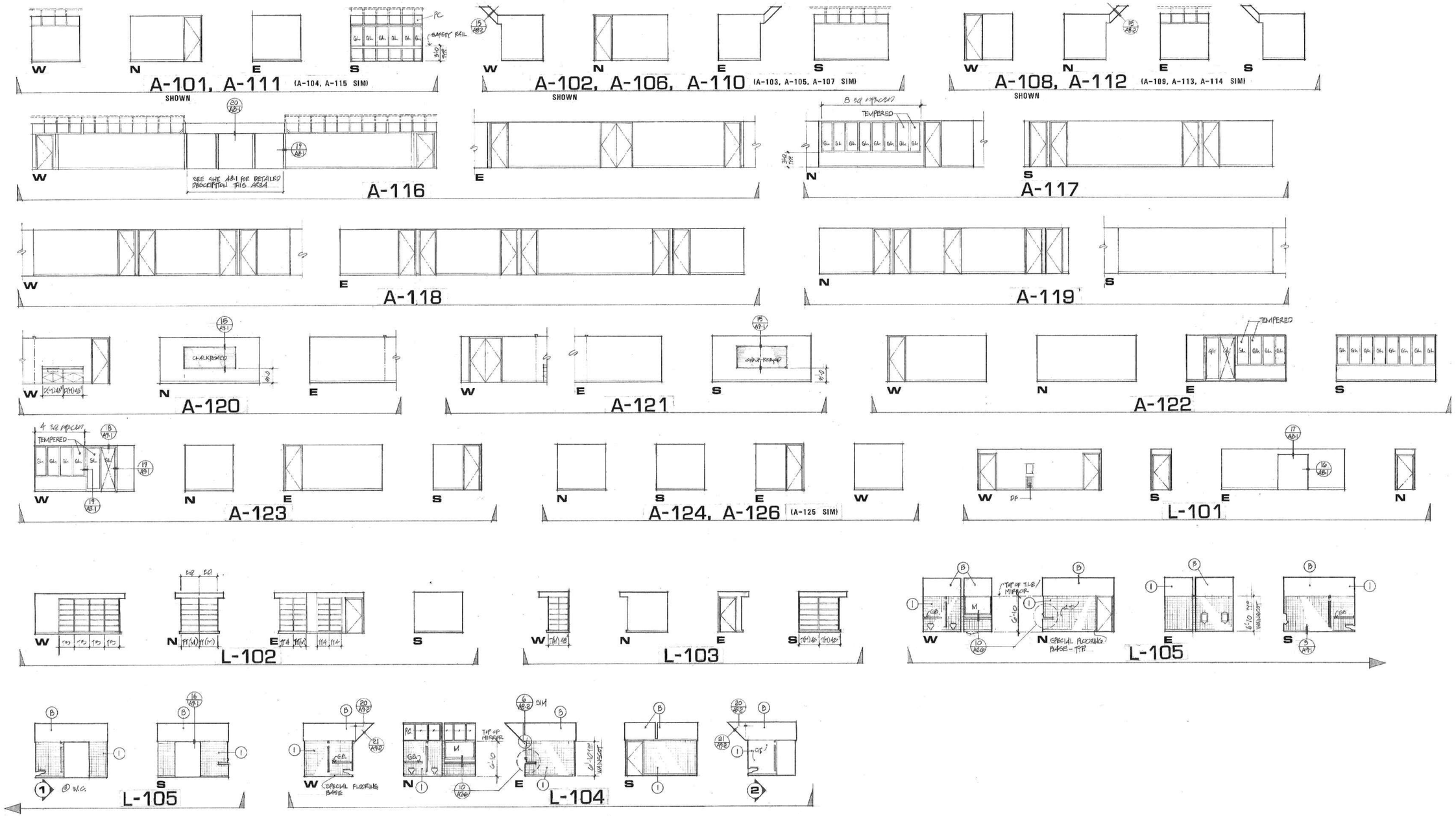

REVISIONS

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. S. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY DODSON
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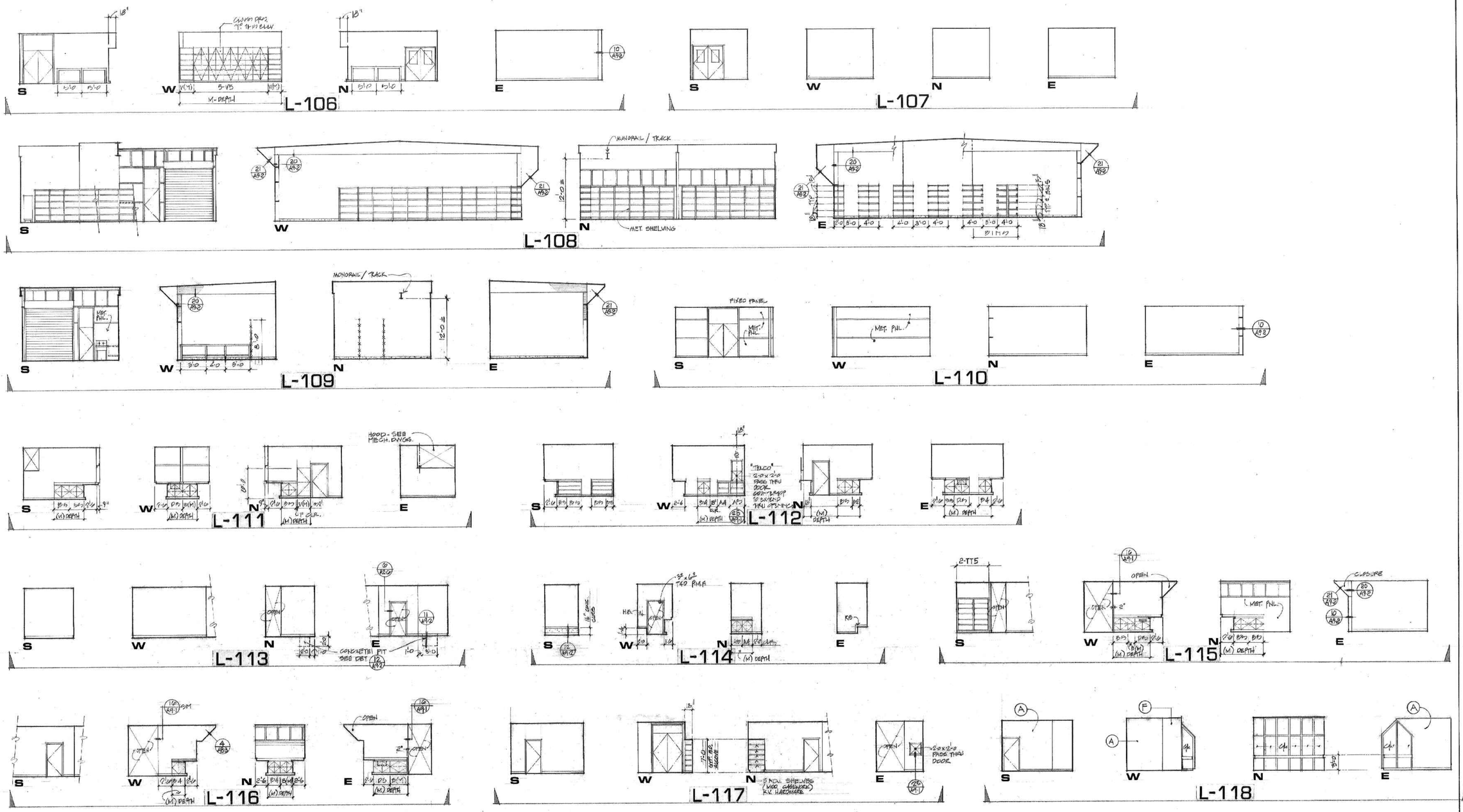

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY DESON
CHECKED BY
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JOB NUMBER 722

SHEET NUMBER
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REVISIONS

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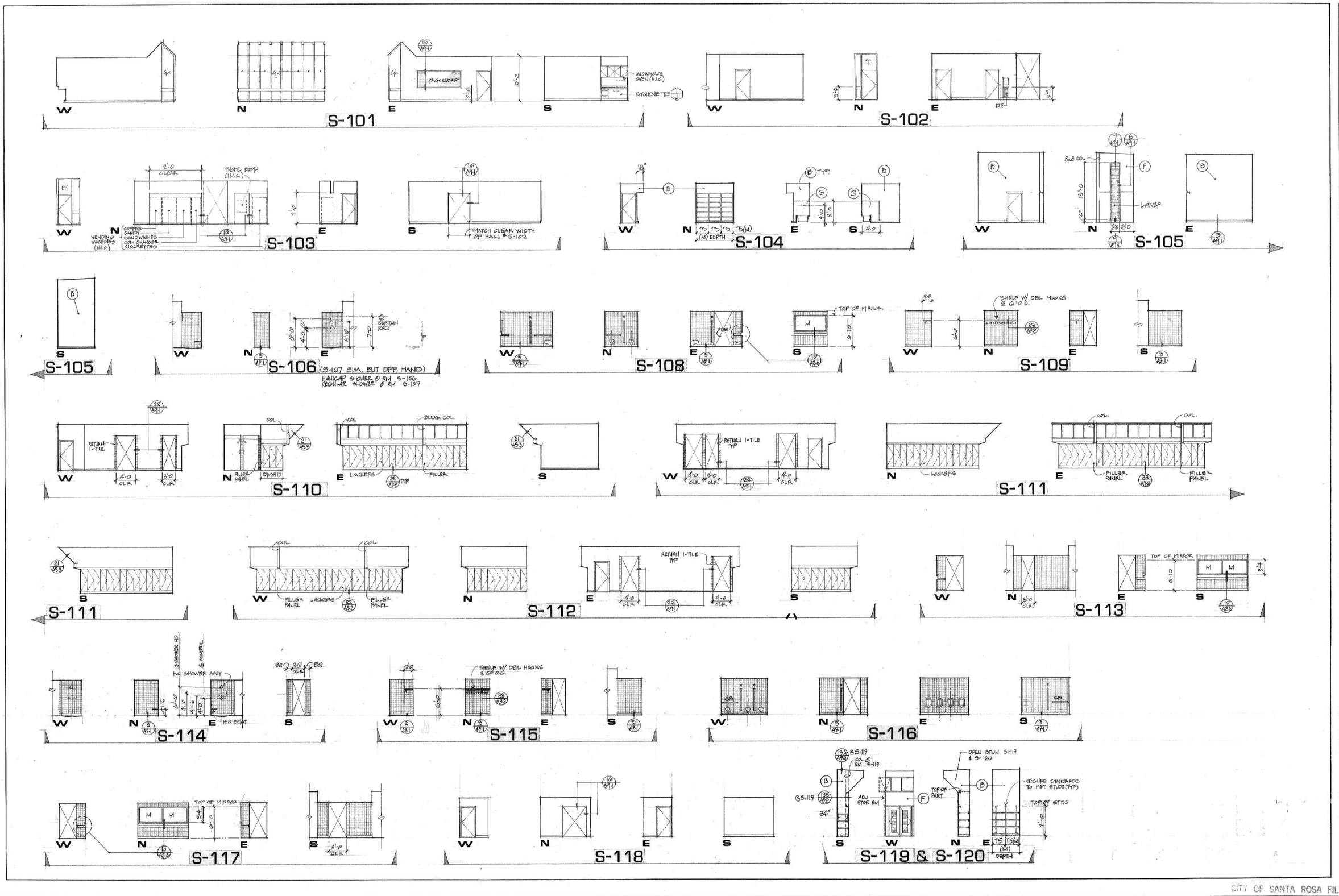

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4552

SANTA ROSA MUNICIPAL
SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY DOBSON
CHECKED BY
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER
A5-3
OF 9 INDEX

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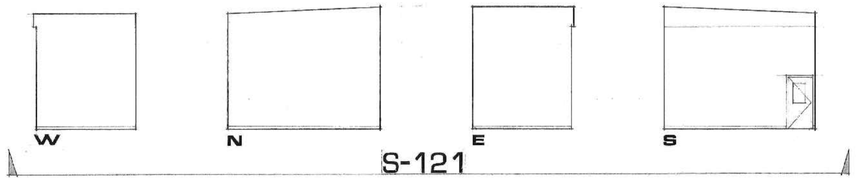
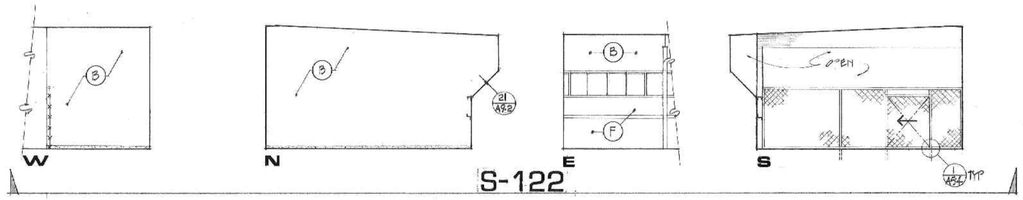
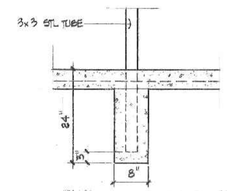
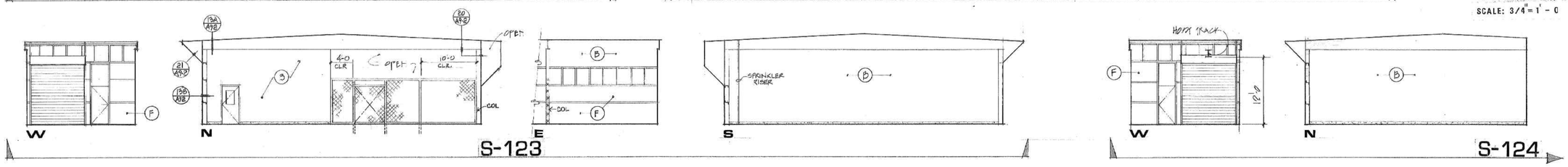


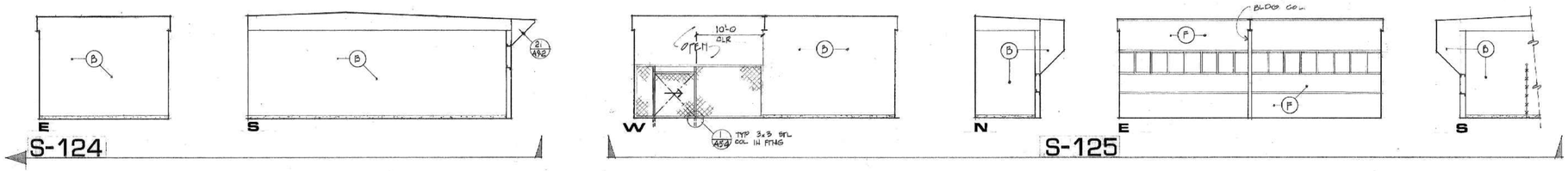


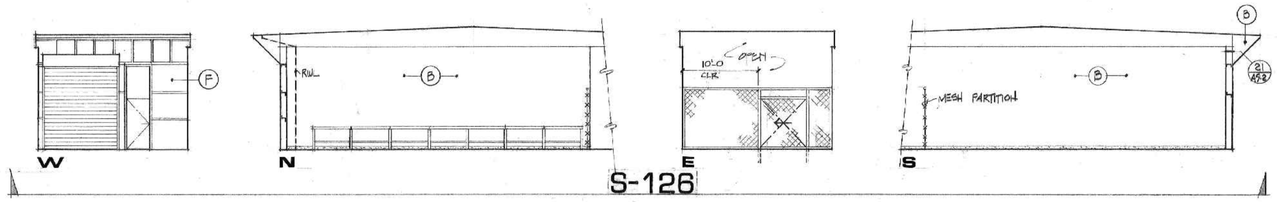


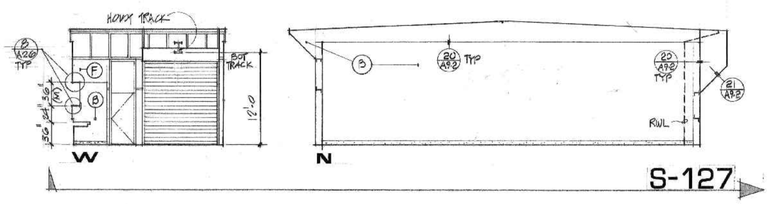
1/A5.4 3 X 3 STL COL AT MESH PART

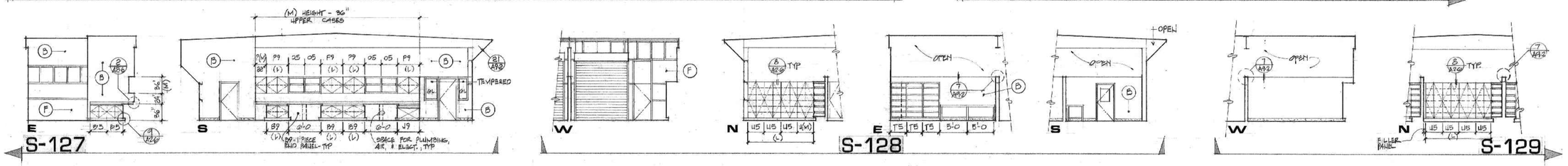
SCALE: 3/4" = 1' - 0

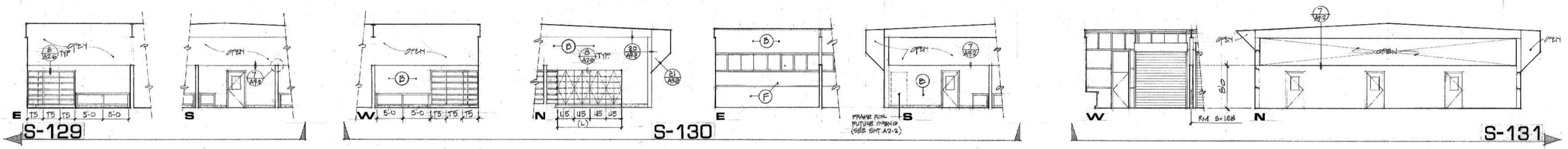












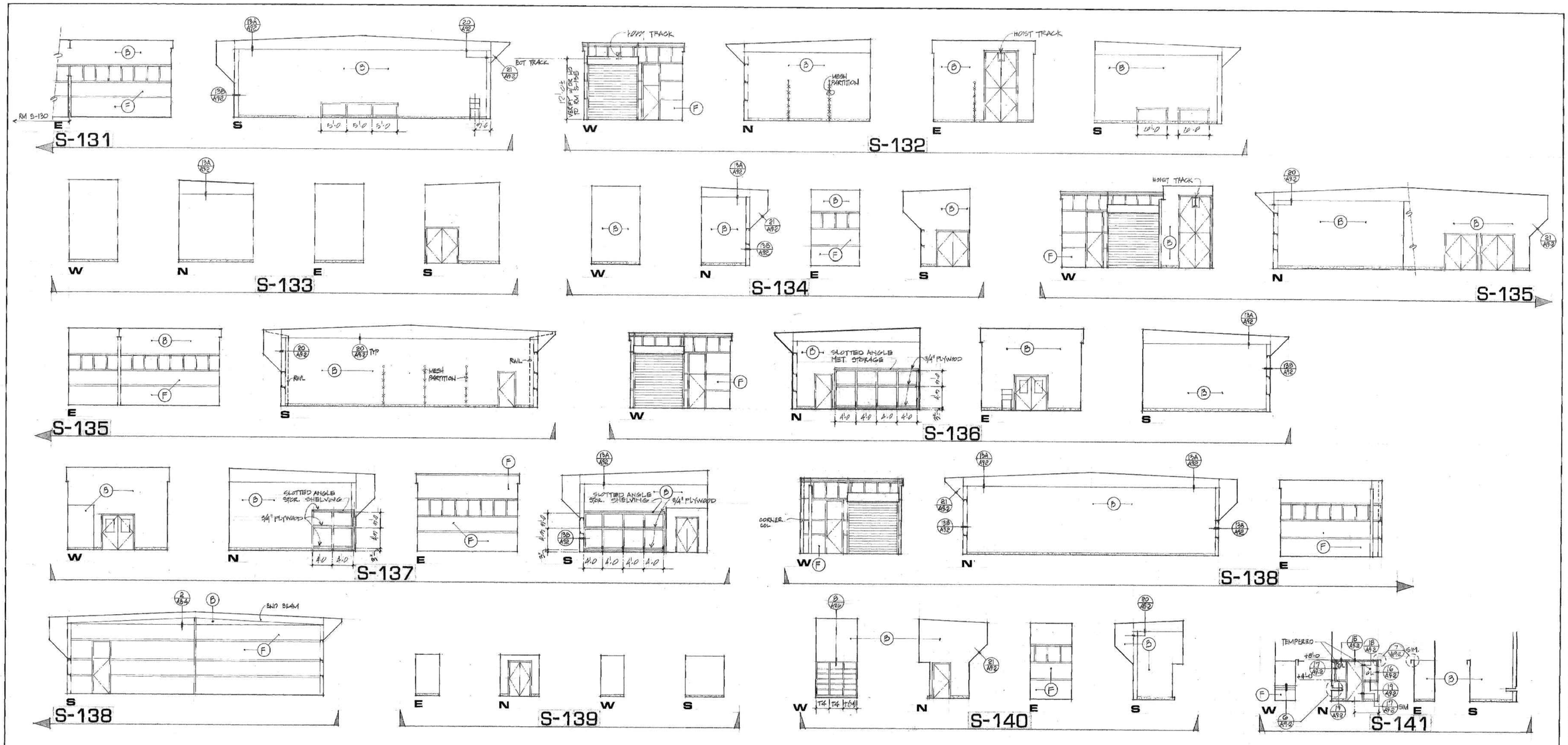
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4016 MONTECITO AVENUE / POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. MGR. BOLLES
DRAWN BY DON
CHECKED BY
DATE 6-11-79
JOB NUMBER 7822

SHEET NUMBER A5-4
OF 9 INDEX

CITY OF SANTA ROSA FILE No. 79 - 117



SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY DOOSON
CHECKED BY
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER
A5-5
OF 9 INDEX

CITY OF SANTA ROSA FILE No. 79 — 117

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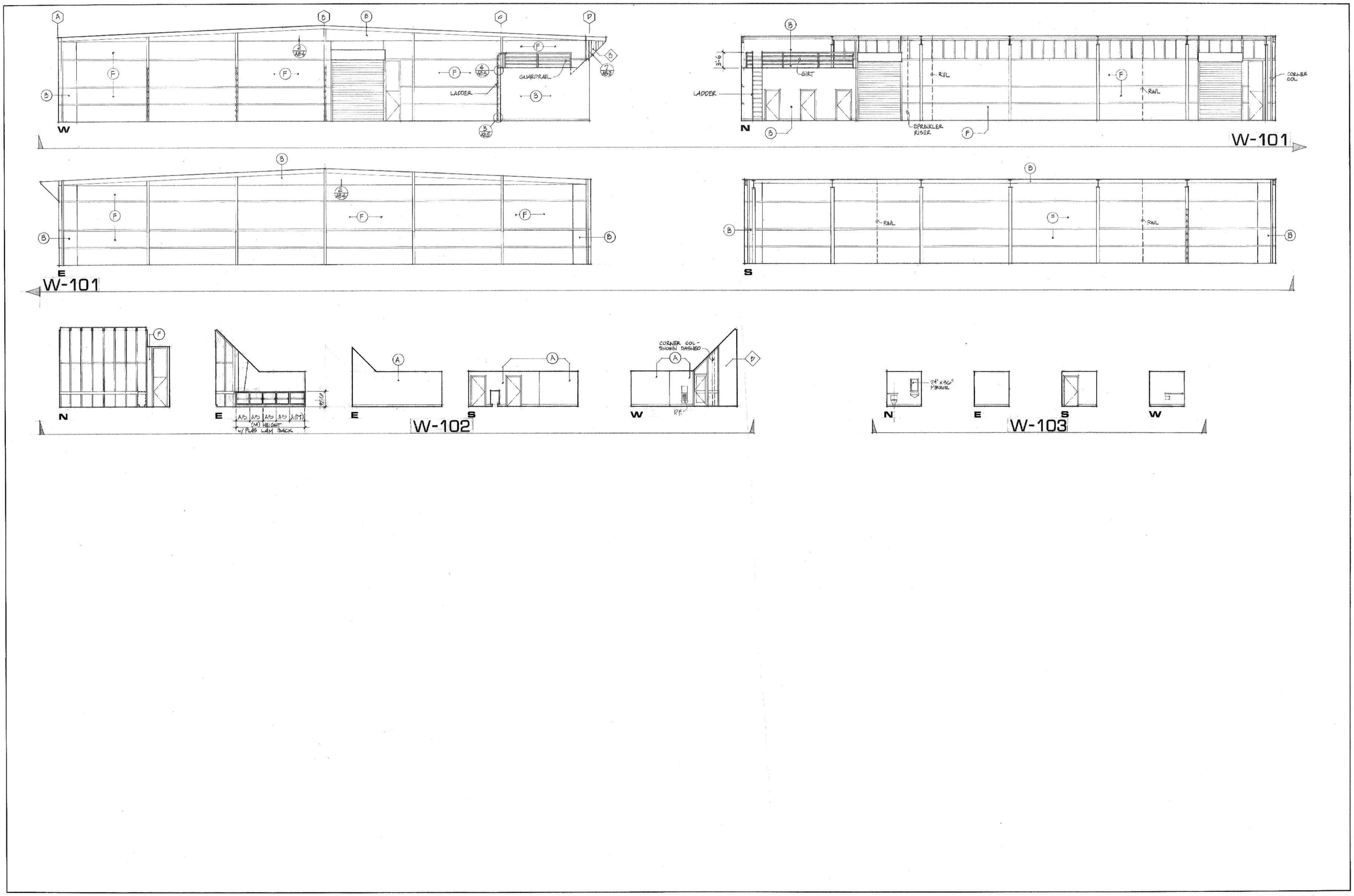

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL
SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY DOBSON
CHECKED BY
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER
A5-6
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CITY OF SANTA ROSA FILE No. 79 - 117

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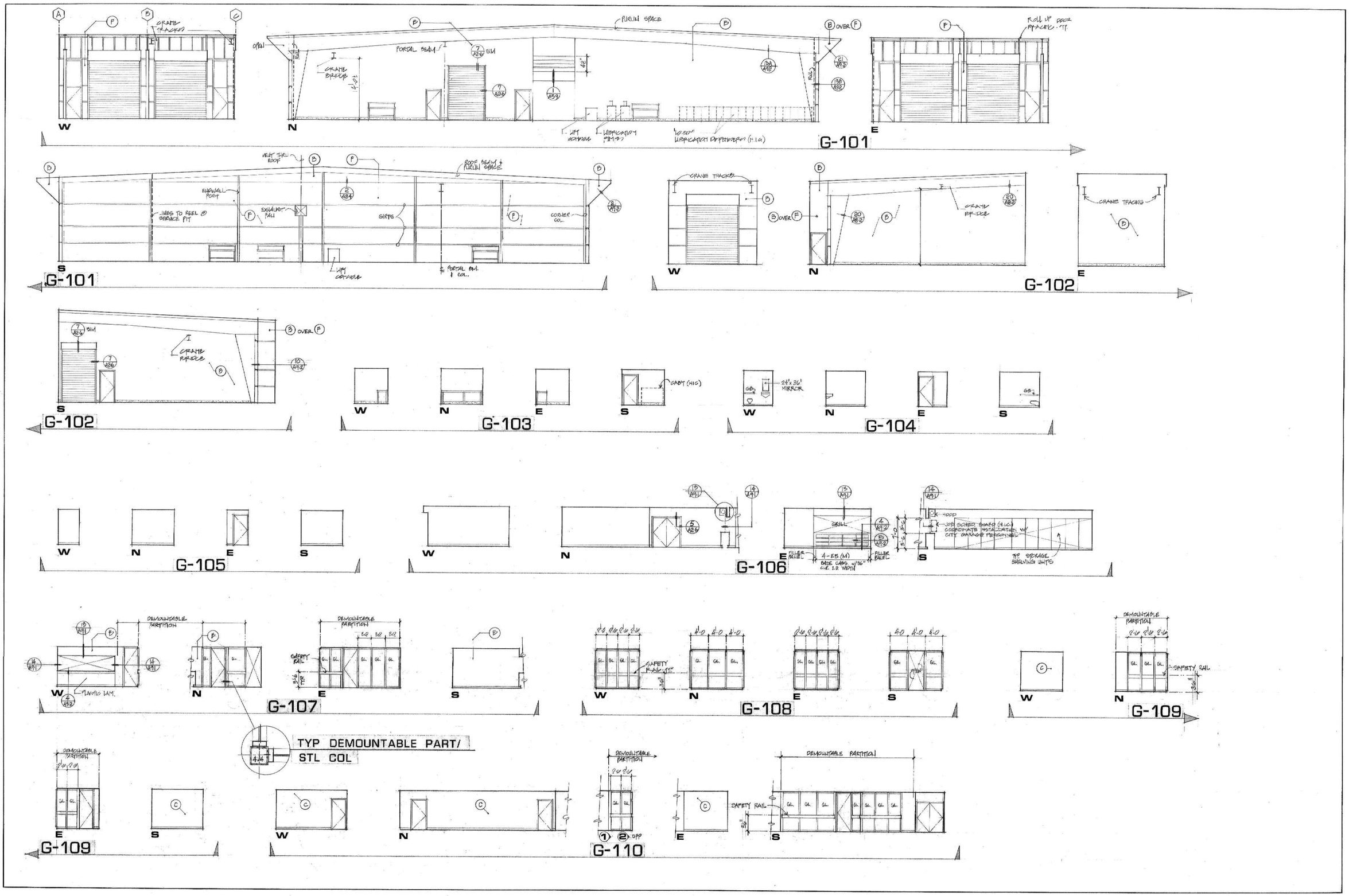

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL
SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. MGR. BOLLES
DRAWN BY DODSON
CHECKED BY B
DATE 6-11-79
JOB NO. 7122

SHEET NUMBER
A5-7
OF 9 INDEX

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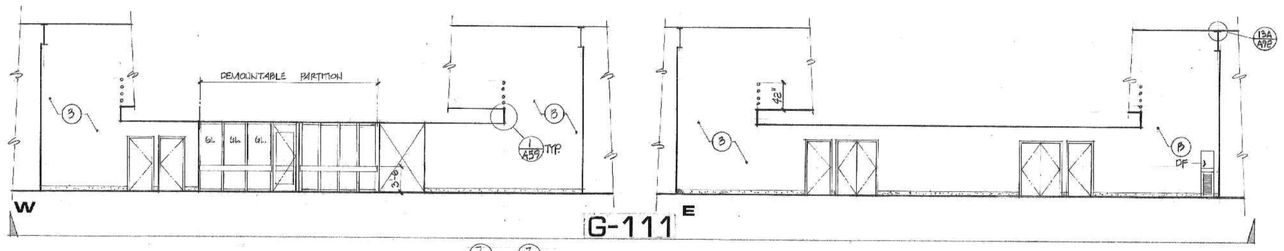
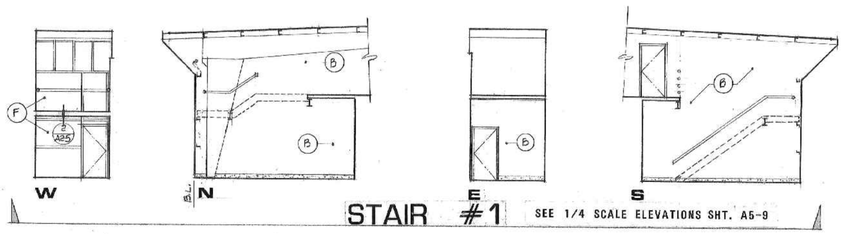
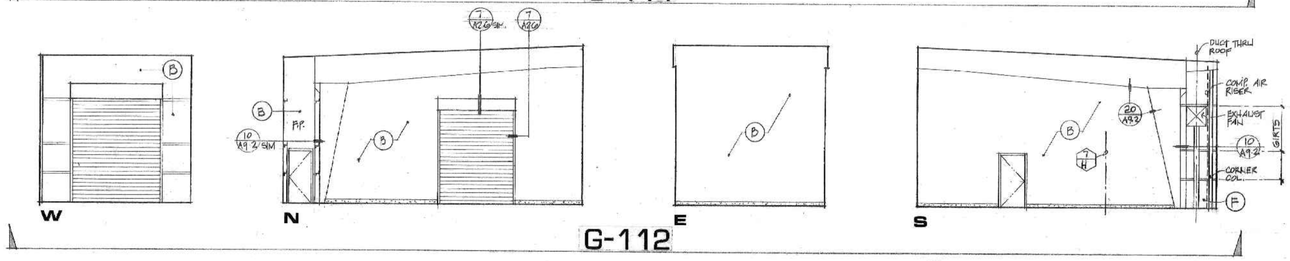
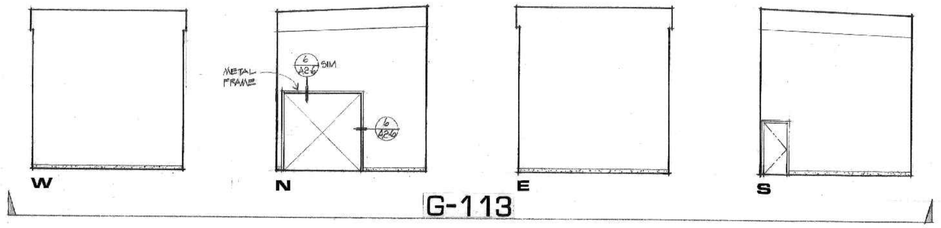
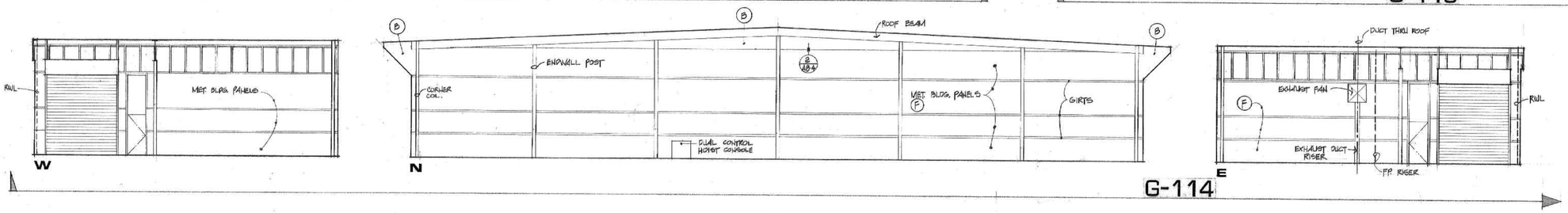
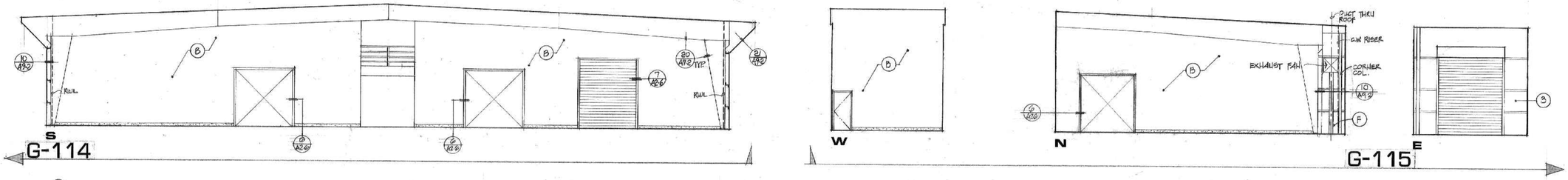


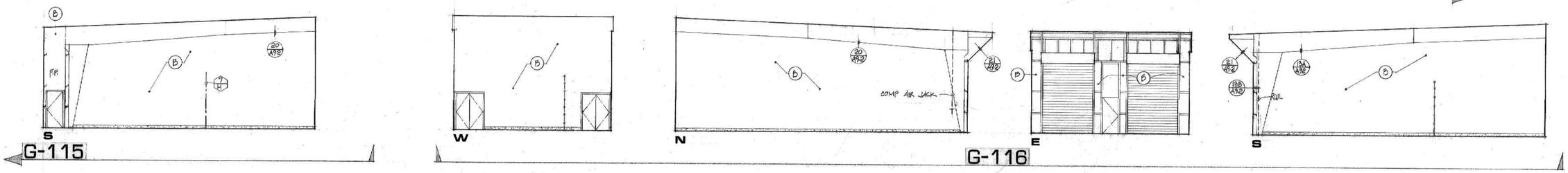


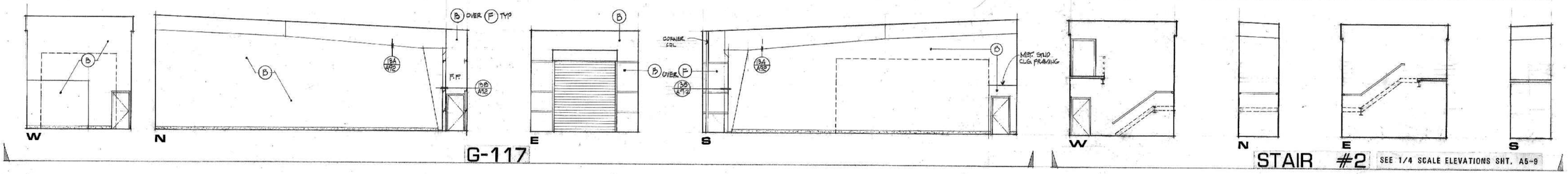












NOTE: SEE SHEET A5-9 FOR G-117 ELEVATIONS

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4602

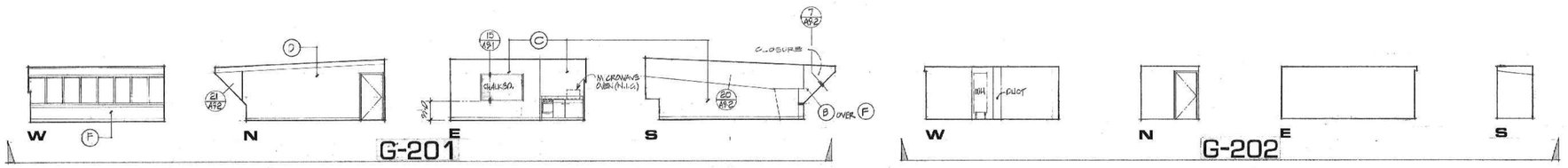
REVISIONS

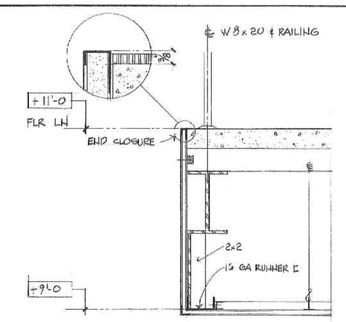
SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

ROLL MICRO 80-168
DRAWING DIRECTORY
DATE 6-11-79
JOB NUMBER 7724

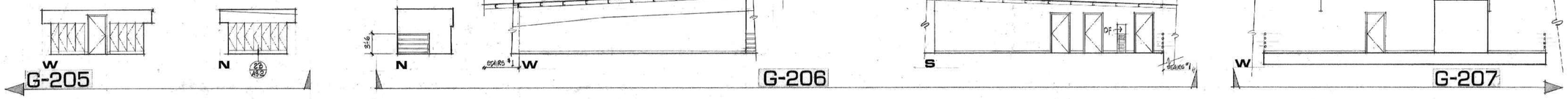
SHEET NUMBER A5-8
OF 9 INDEX

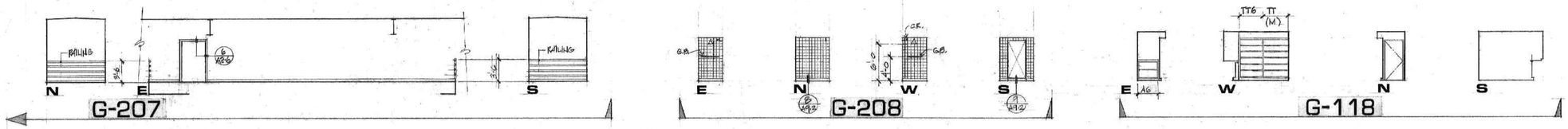
CITY OF SANTA ROSA FILE No. 79-117

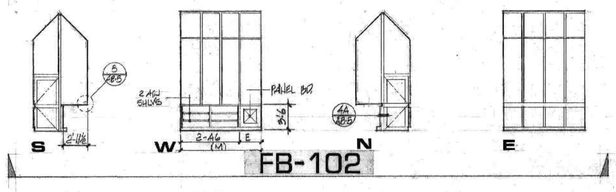


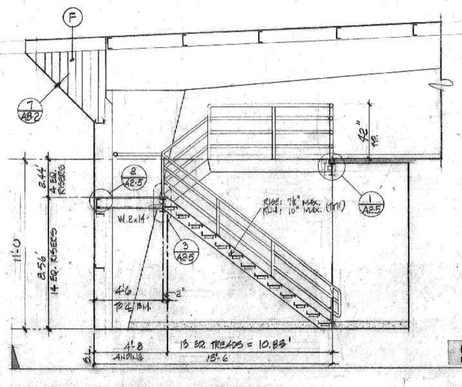


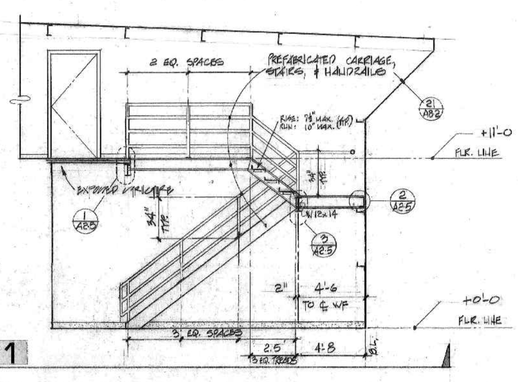
1 DECK AT MEZZ FLOOR
G-207 (CLG @ G-11)
1/2"=1'-0

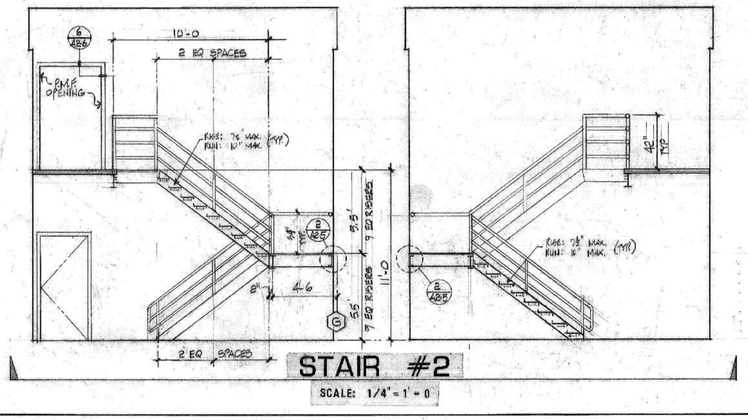


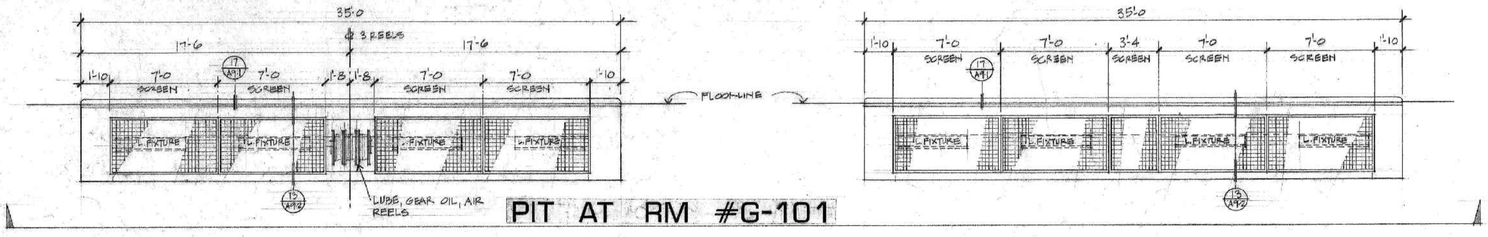












SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES: ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4882

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJECT NUMBER 7208
DRAWN BY DESIGNED BY CHECKED BY
DATE 6-11-73
JOB NUMBER 7208

SHEET NUMBER A5-9
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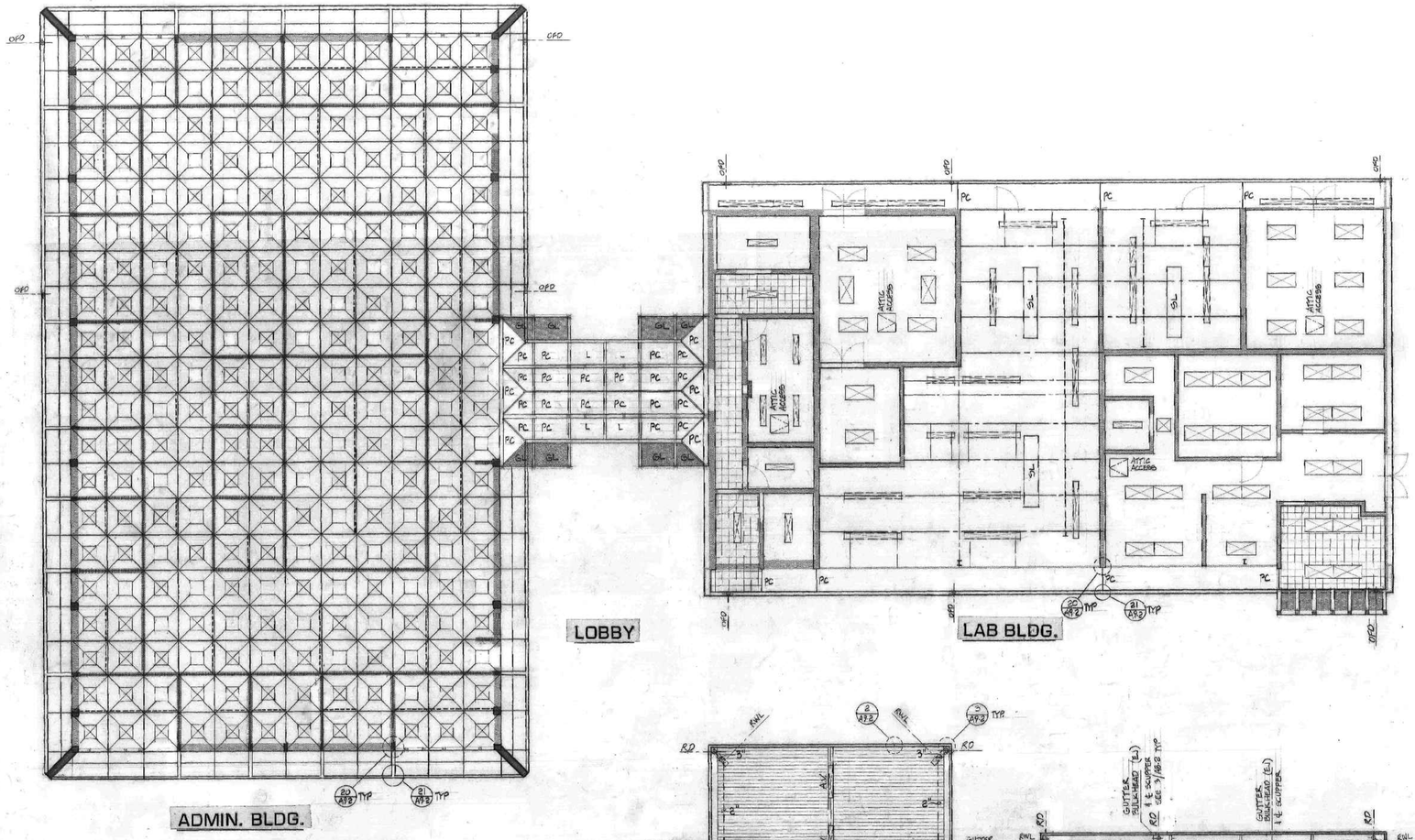
CITY OF SANTA ROSA FILE No. 72-117

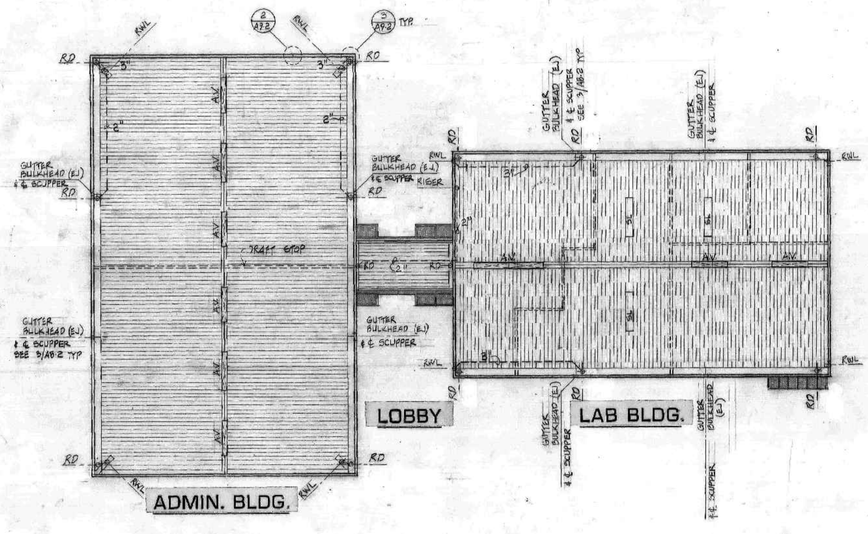


REFLECTED CEILING PLAN

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

NOTE:

EXPOSED GRID SYSTEM 1900 SERIES. GRIDS SHOWN ARE #1901-1 WAY. THE REMAINING GRIDS ARE #1902-2 WAY w/ #1949 COVERS ON #1902 NOT USED FOR HVAC SYSTEM.



ROOF PLAN

SCALE: 1/16" = 1' - 0"

LEGEND - REFLECTED CEILING PLAN

- PLASTER
- PLYWOOD - TYPE II
- PLYWOOD - TYPE I
- ACOUSTICAL TILE
- GYPSUM BOARD
- CLG. ABOVE CLG. HT.
- LIGHT FIXTURE @ CLG.
- WALLS TO CLG. HT.
- AIR REGISTER
- SL — SKYLIGHT
- ROOF PURLINS/BENTS
- HOIST TRACK - SUSPENDED
- PC - POLY-CARBON PANEL
- GL - GLASS PANEL
- L - LEXAN PANEL
- PURLINS AT INSUL. BELOW ROOF DECK
- SUSPENDED LIGHT FIXTURE

LEGEND - ROOF PLAN

- ROOF SCUTTLE
- AIR DUCTS ABOVE ROOF
- SHINGLE ROOFING
- BUILT-UP ROOFING
- HVAC UNIT
- A.V. — ATTIC VENT
- O.F.D. — OVERFLOW DRAIN
- R.D. — ROOF DRAIN
- WALLS AT UNDERSIDE OF ROOF STRUCTURE
- SL — SKYLIGHT
- METAL ROOF DECK
- RV — ROTARY VENTILATOR

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES — E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

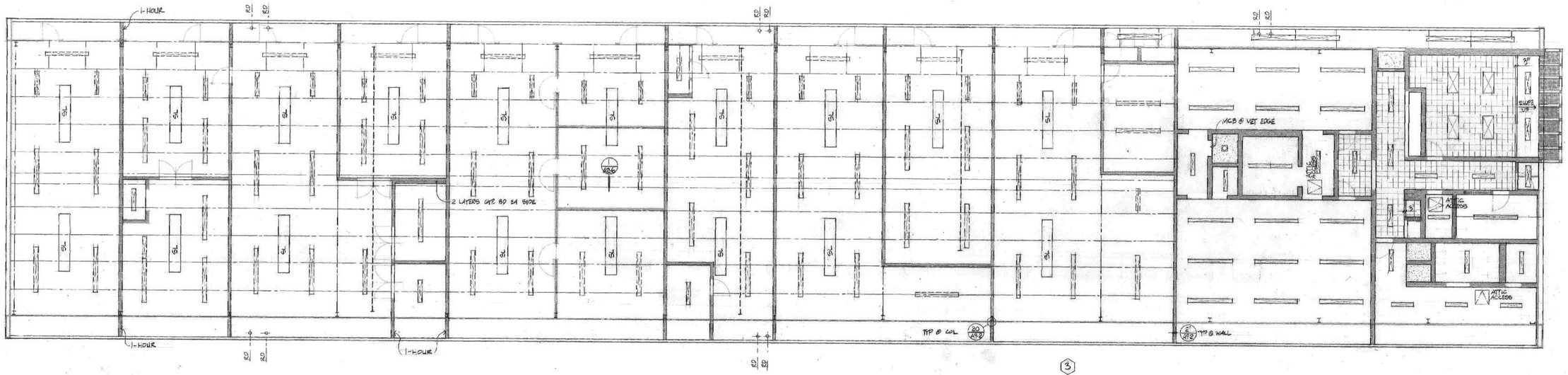
PROJ. ARCH. BOLLES
DRAWN BY GG
CHECKED BY B
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER A6-1

OF 5 INDEX

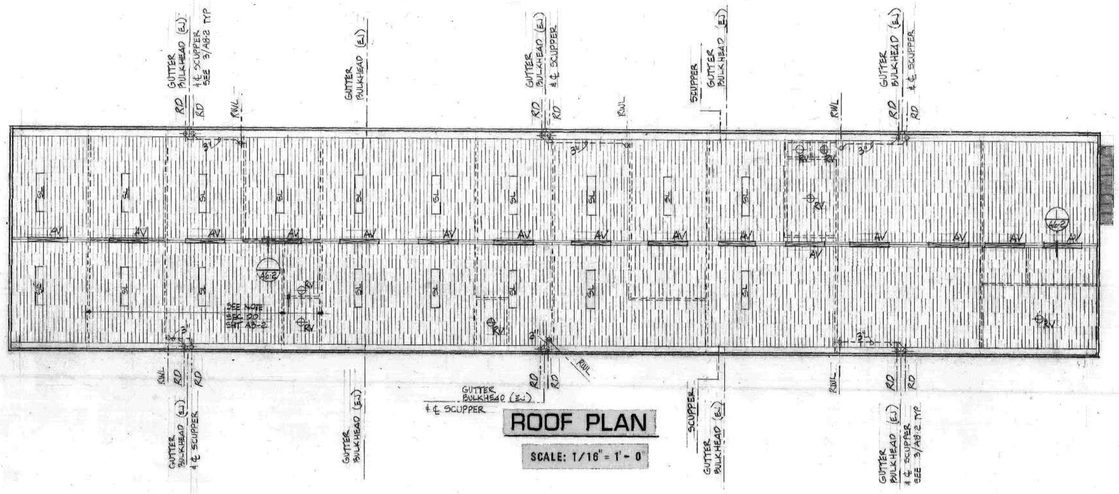
CITY OF SANTA ROSA FILE No. 79-117

25 OF 72



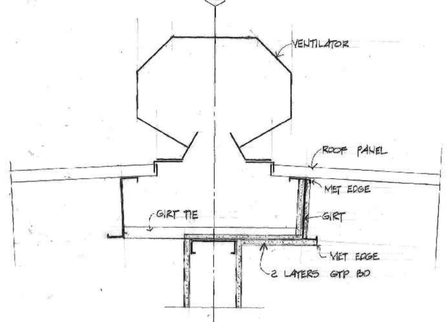
REFLECTED CEILING PLAN

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



ROOF PLAN

SCALE: 1/16" = 1' - 0"



ATTIC VENTILATOR

AT PARTITION W/ 1 HOUR SEPARATION

SCALE: 1½" = 1'-0

SHOPS BLDG.

LEGEND - ROOF PLAN

	ROOF SCUTTLE	SL	SKYLIGHT
	AIR DUCTS ABOVE ROOF		
	SHINGLE ROOFING		
	BUILT-UP ROOFING		METAL ROOF DECK
	HVAC UNIT		
A.V.	ATTIC VENT	RV	ROTARY VENTILATOR
O.F.D.	OVERFLOW DRAIN		
R.D.	ROOF DRAIN		
	WALLS AT UNDERSIDE OF ROOF STRUCTURE		

LEGEND - REFLECTED CEILING PLAN

	PLASTER	SL	SKYLIGHT
	PLYWOOD - TYPE II		HOIST TRACK - SUSPENDED
	PLYWOOD - TYPE I		ROOF PURLINS/BENT
	ACOUSTICAL TILE		
	GYPSUM BOARD		PURLINS AT INSUL BELOW ROOF DECK
	LIGHT FIXTURE		SUSPENDED LIGHT FIXTURE
	WALLS TO CLG. HT.		
	AIR REGISTER		
	CLG. ABOVE CLG. HT.		

REVISIONS

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. S. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY GS
CHECKED BY B
DATE 6-11-79
JOB NUMBER 772

SHEET NUMBER
A6-2
OF 5 INDEX

CITY OF SANTA ROSA FILE No. 79 - 117

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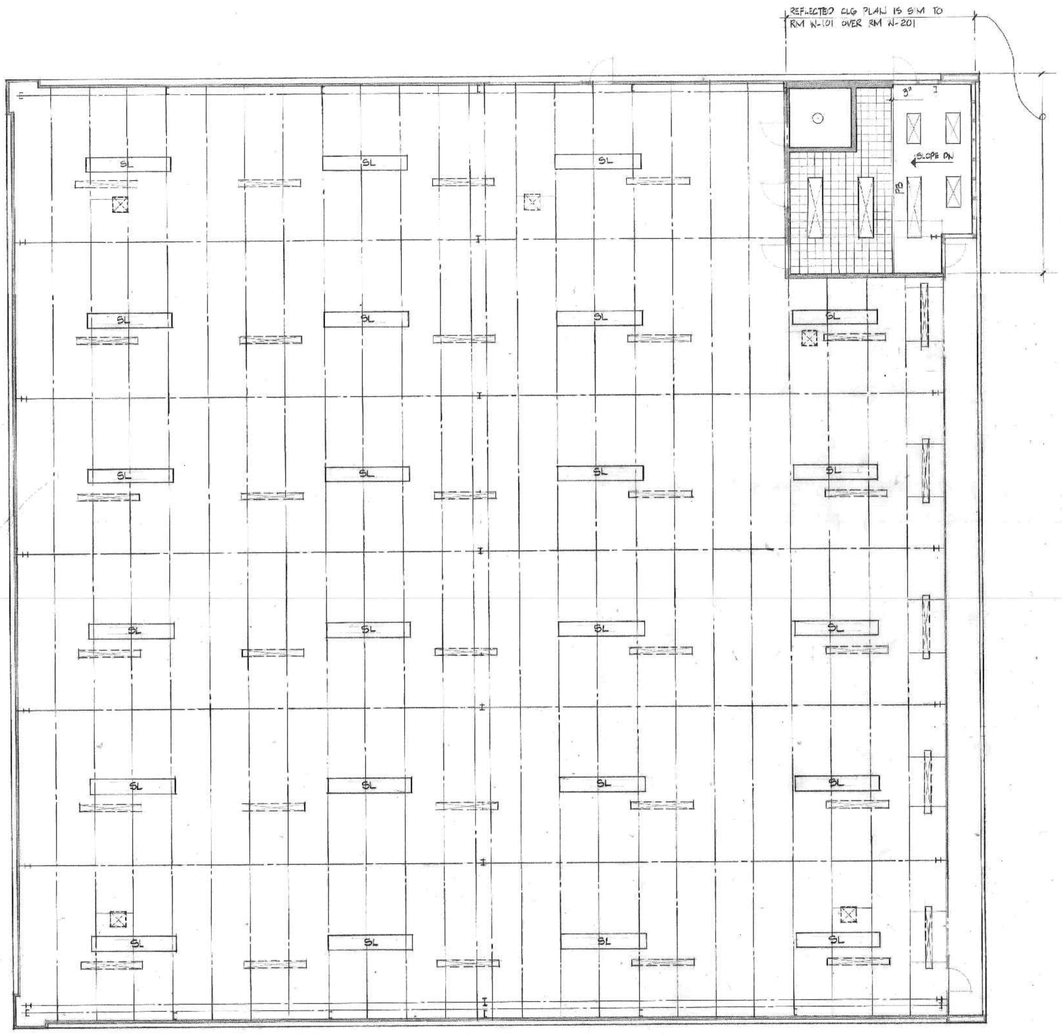
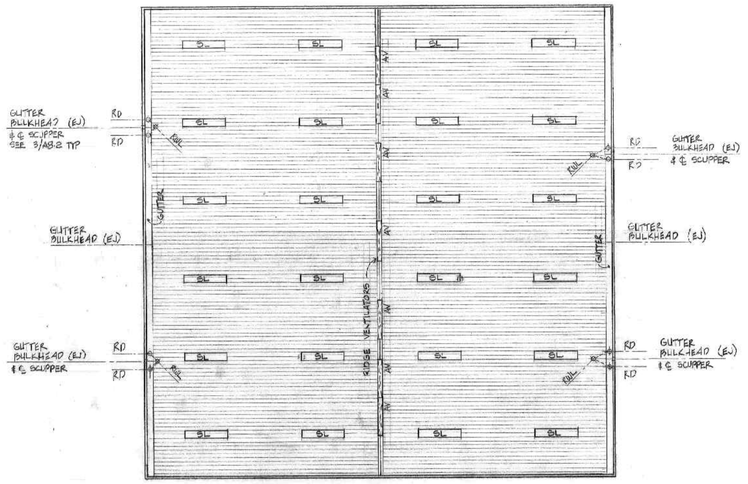


REFLECTED CEILING PLAN

SCALE: 1/8"=1'-0



ROOF PLAN

SCALE: 1/16"=1'-0

LEGEND - REFLECTED CEILING PLAN

	PLASTER	SL	SKYLIGHT
	PLYWOOD - TYPE II		WALLS TO CLG. HT.
	PLYWOOD - TYPE I		CLG. ABOVE CLG. HT.
	ACOUSTICAL TILE		ROOF PURLINS/BENT
	GYPSUM BOARD		PURLINS AT INSUL BELOW ROOF DECK
	LIGHT FIXTURE		SUSPENDED LIGHT FIXTURE
	AIR REGISTER		

LEGEND - ROOF PLAN

	ROOF SCUTTLE	SL	SKYLIGHT
	AIR DUCTS ABOVE ROOF		SPACE HEATER
	SHINGLE ROOFING		
	BUILT-UP ROOFING		
	HVAC UNIT		
A.V.	ATTIC VENT	RV	ROTARY VENTILATOR
O.F.D.	OVERFLOW DRAIN		
R.D.	ROOF DRAIN		
	METAL ROOFING		

WAREHOUSE

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

DRAWN BOLLES CHECKED DATE 6-11-79 JOB NUMBER 72

SHEET NUMBER A6-3

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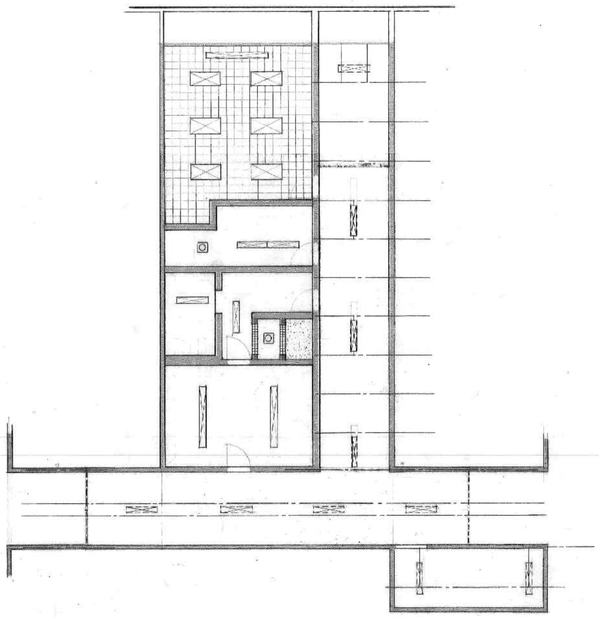
CITY OF SANTA ROSA FILE No. 79-117



MEZZANINE

GARAGE

REFLECTED CEILING PLAN

SCALE: 1/8 1' - 0

NOTE:

TOP OF LIGHT FIXTURES IN LINE w/ BOTTOM OF BENTS

LEGEND - REFLECTED CEILING PLAN

PLASTER	LUBE REEL - SUSPENDED
PLYWOOD - TYPE II	SL SKYLIGHT
PLYWOOD - TYPE I	ROOF PURLIN/BENT
ACOUSTICAL TILE	HOIST TRACK - SUSPENDED
GYPSUM BOARD	WALLS TO CLG. HT.
	CLG. ABOVE CLG. HT.
LIGHT FIXTURE	SUSPENDED LIGHT FIXTURE
AIR REGISTER	PURLINS AT INSUL. BELOW ROOF DECK

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. NO. 80-65
DRAWN BY GS
CHECKED BY BB
DATE 6-11-79
JOB NO. 722

SHEET NUMBER
A6-4
OF 5 INDEX

CITY OF SANTA ROSA FILE No. 79 - 117

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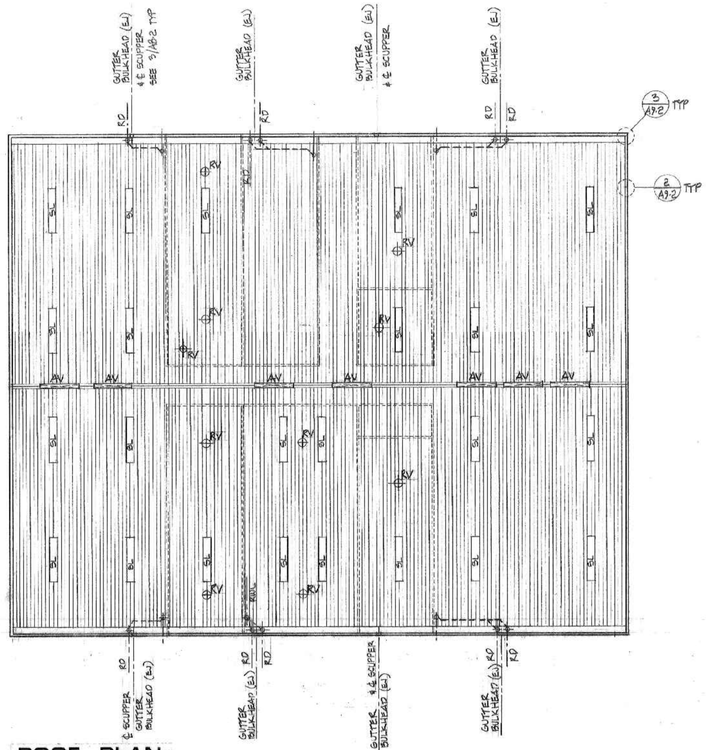
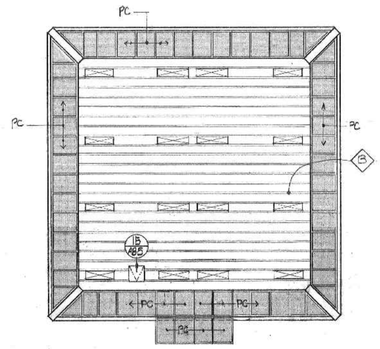


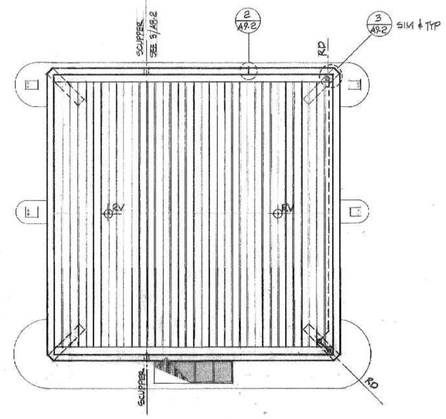
ROOF PLAN
SCALE: 1/16"= 1'- 0

GARAGE

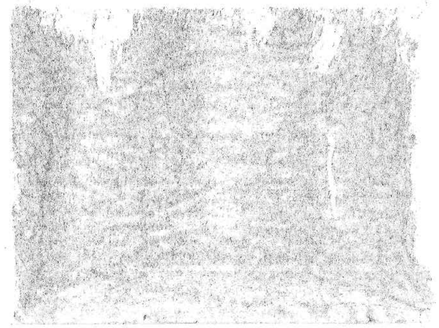


REFLECTED CEILING PLAN
SCALE: 1/8" = 1'- 0

FUELING BAY



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



LEGEND - ROOF PLAN

	ROOF SCUTTLE	SL	SKYLIGHT
	AIR DUCTS ABOVE ROOF		
	SHINGLE ROOFING		METAL ROOF DECK
	BUILT-UP ROOFING		
	HVAC UNIT		
A.V.	ATTIC VENT	RV	ROTARY VENTILATOR
O.F.D.	OVERFLOW DRAIN		
R.D.	ROOF DRAIN		
=======	WALLS AT UNDERSIDE OF ROOF STRUCTURE		

REVISIONS

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEGERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJECT NO. 78-25
DRAWN BY
CHECKED BY
DATE 6-11-79
JOB NUMBER 7825

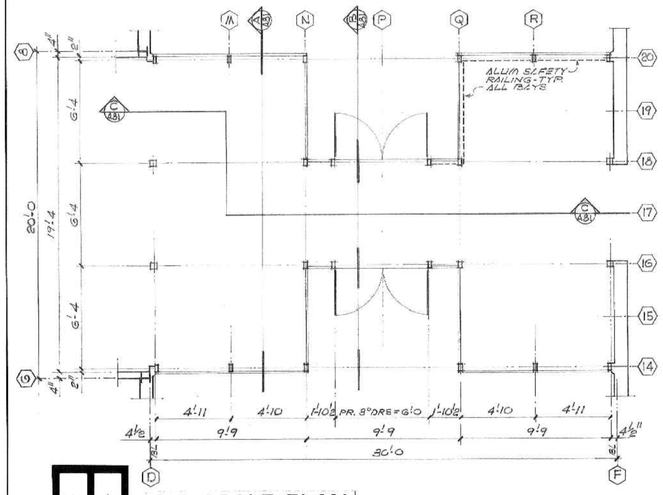
SHEET NUMBER
A6-5
OF 5 INDEX

CITY OF SANTA ROSA FILE No. 79 - 117

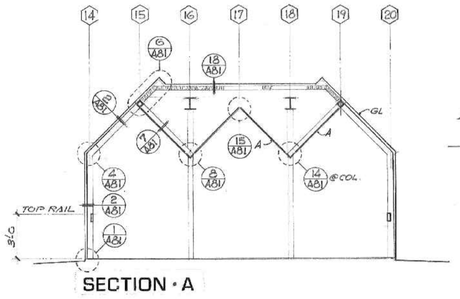
LOBBY

TYP ANCHORAGE NOTES

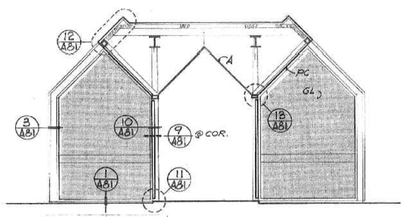
1. MET. STUDS TO STEEL TUBES - #14 SLOTTED TAPPING SCREWS (ST.S) AT 12" O.C. (SEE STRUCT'L DRWGS-WELDS)
2. ALUM. SASH TO STEEL TUBES - #12 ST.S., S.S. AT 12" O.C.
3. 16 GA. GROUNDS TO STEEL TUBES, STEEL GIRTS AND CHANNELS - #14 S.T.S. AT 12" O.C., U.O.N.
4. ALUM. STOPS TO STEEL TUBES - #10 OH.M.S., S.S. AT 12" O.C.



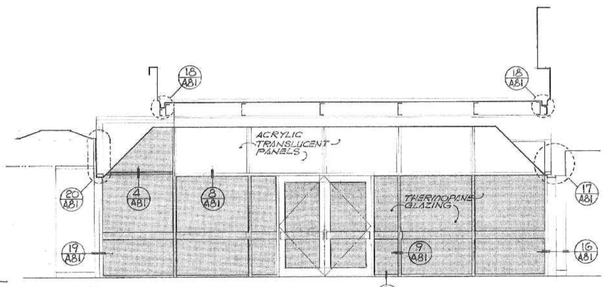
1/4 · SCALE PLAN



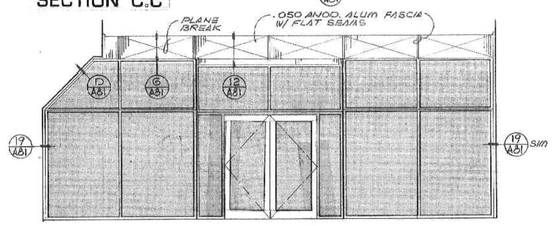
SECTION · A



SECTION · B

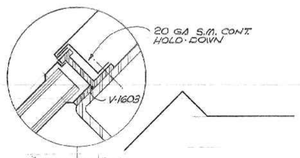


SECTION C.C

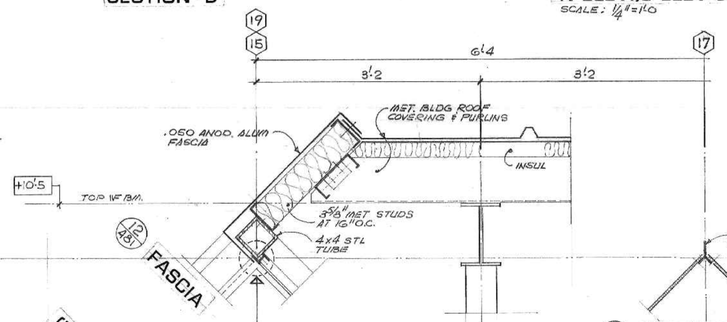


N-ELEV., S-ELEV SIM

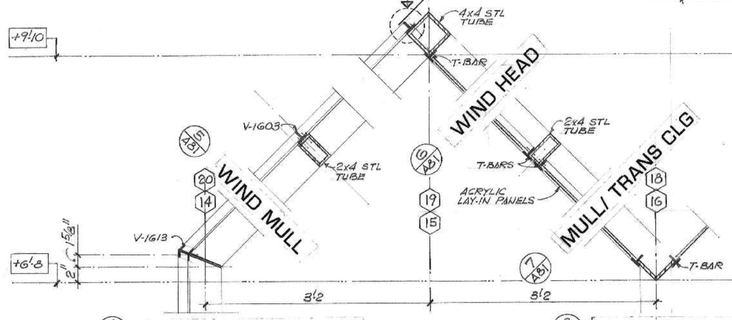
SCALE: 1/4"=1'-0"



DETAIL "A"

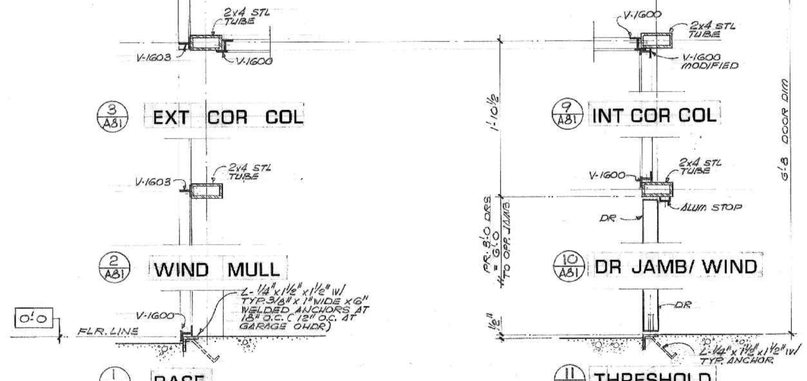


(12/A81) FASCIA



(4/A81) WIND / COL BENT

(8/A81) ANGLE/ TRANS CLG



(3/A81) EXT COR COL

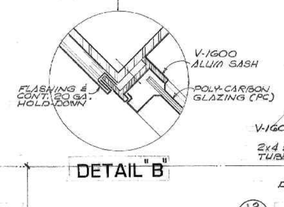
(9/A81) INT COR COL

(2/A81) WIND MULL

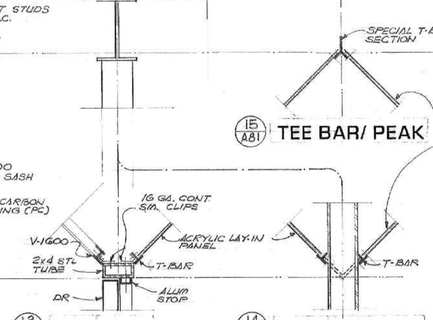
(10/A81) DR JAMB/ WIND

(1/A81) BASE

(11/A81) THRESHOLD



DETAIL "B"



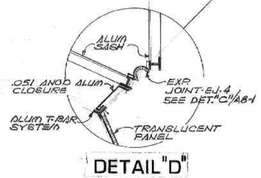
(15/A81) TEE BAR/ PEAK

(13/A81) DR HEAD

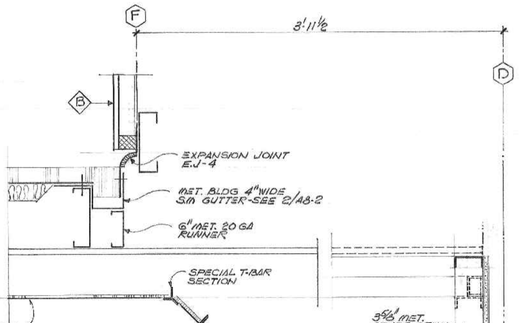
(14/A81) TEE BAR / COL

STEEL TUBES

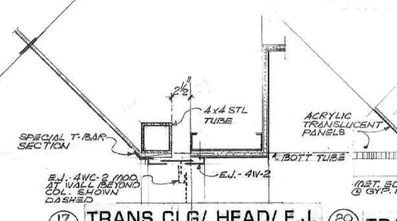
GRIND ALL EXPOSED STEEL TUBES SMOOTH - PAINT



DETAIL "D"

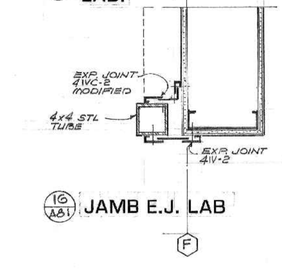


(18/A81) ROOF/ GUTTER & WALL

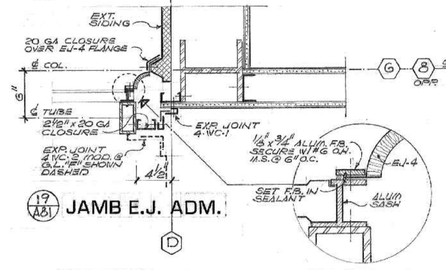


(17/A81) TRANS CLG/ HEAD/ E.J. LAB.

(20/A81) TRANS CLG/ HEAD/ E.J. ADM.



(16/A81) JAMB E.J. LAB



(19/A81) JAMB E.J. ADM.

DETAILS

SCALE: 1½"=1'-0", UON

DETAIL "C"

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4882

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

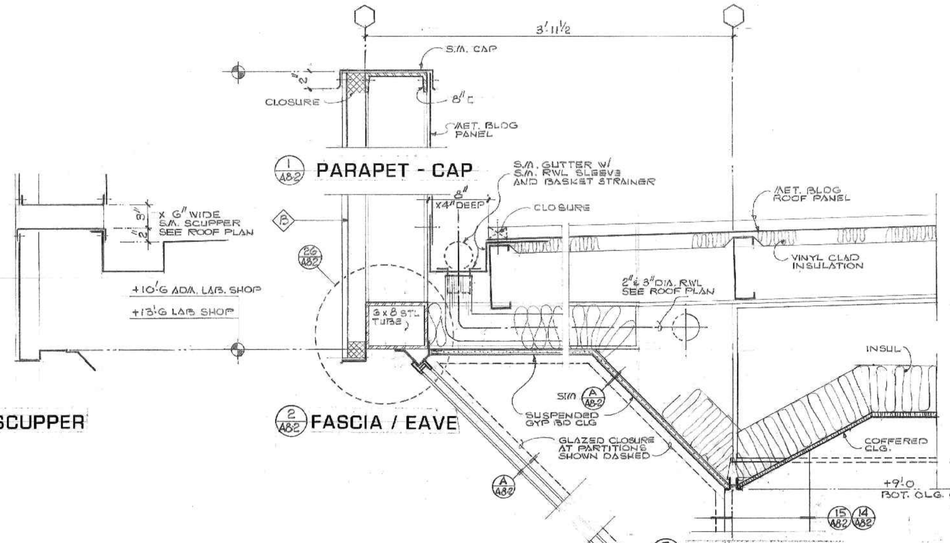
PROJECT NO. 7625
DRAWN BY
CHECKED BY
DATE 4-1-79
SCALE 1/4"=1'-0"

SHEET NUMBER
A8-1
OF 5 INDEX

CITY OF SANTA ROSA FILE No. 79 - 117

ADM BLDG

TYP ANCHORAGE NOTES
SEE SHT A8-1

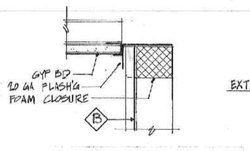


3 A8.2 SCUPPER

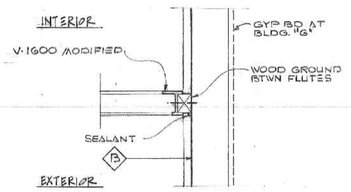
1 A8.2 PARAPET - CAP

2 A8.2 FASCIA / EAVE

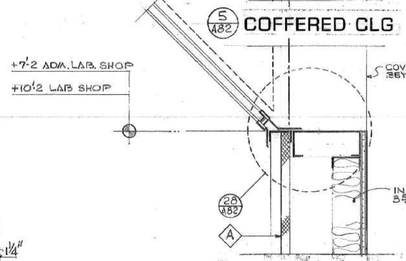
5 A8.2 COFFERED CLG



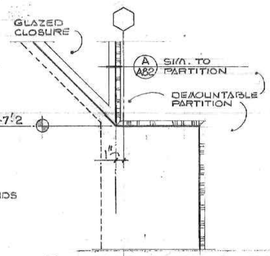
21 A5.1 CEILING / PANEL B
SCALE: 3" = 1' - 0"



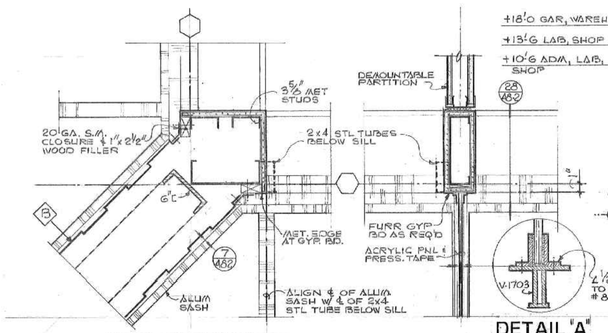
7 A5.2 JAMB / PILASTER
SCALE: 3" = 1' - 0"



6 A8.2 SILL



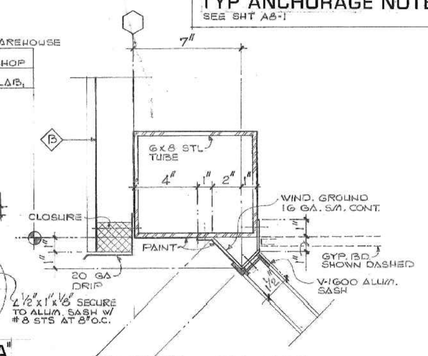
13 A8.2 DEMOUNTABLE PART EXT. WALL



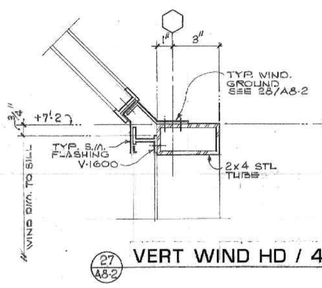
14 A5.2 PILASTER / JAMB

DETAIL "A"

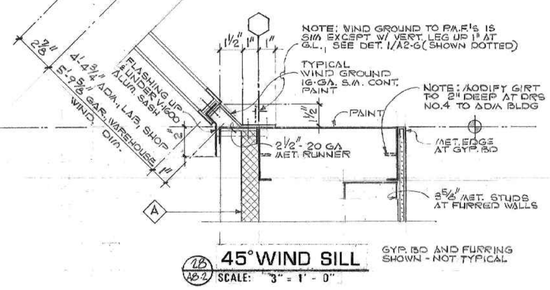
15 A5.2 GLAZED CLOSURE / END COL.



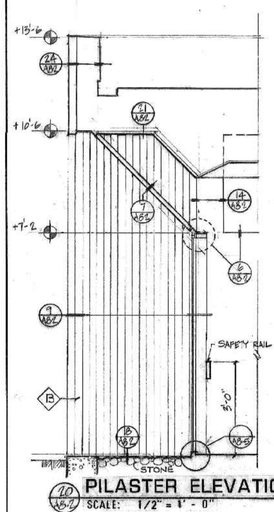
16 A5.2 TYP 45° WIND HEAD
SCALE: 3" = 1' - 0"



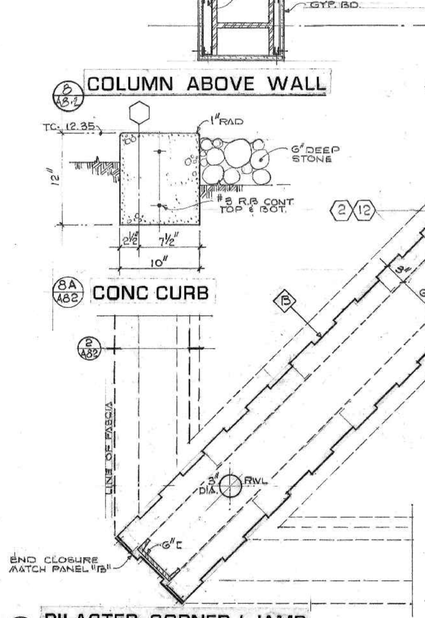
27 A8.2 VERT WIND HD / 45°



25 A8.2 45° WIND SILL
SCALE: 3" = 1' - 0"
GYP. BD AND FURRING SHOWN - NOT TYPICAL



10 A5.2 PILASTER ELEVATION
SCALE: 1/2" = 1' - 0"

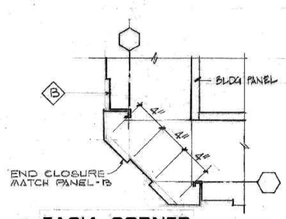


8A A8.2 CONC CURB

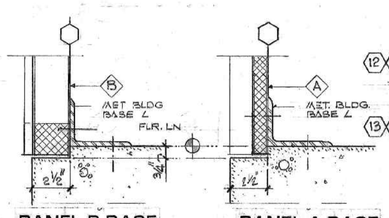
9 A8.2 PILASTER CORNER / JAMB

10 A8.2 WIND MULL

11 A8.2 WIND JAMB

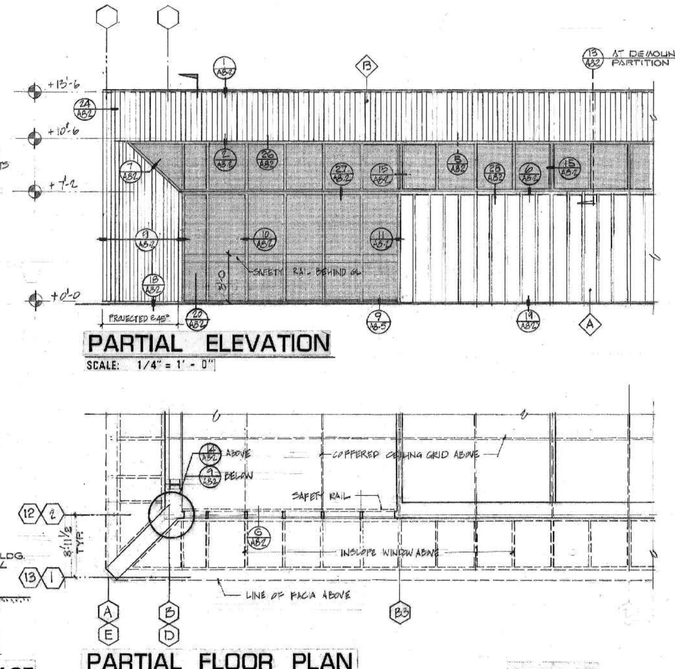


24 A5.2 FACIA CORNER



18 A8.2 PANEL B BASE
SCALE: 3" = 1' - 0"

19 A8.2 PANEL A BASE
SCALE: 3" = 1' - 0"



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

PARTIAL FLOOR PLAN
SCALE: 1/4" = 1' - 0"

DETAILS
SCALE: 1½"=1'-0, UON

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
E. F. SIEBERT
G. B. BOLLES
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4662

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

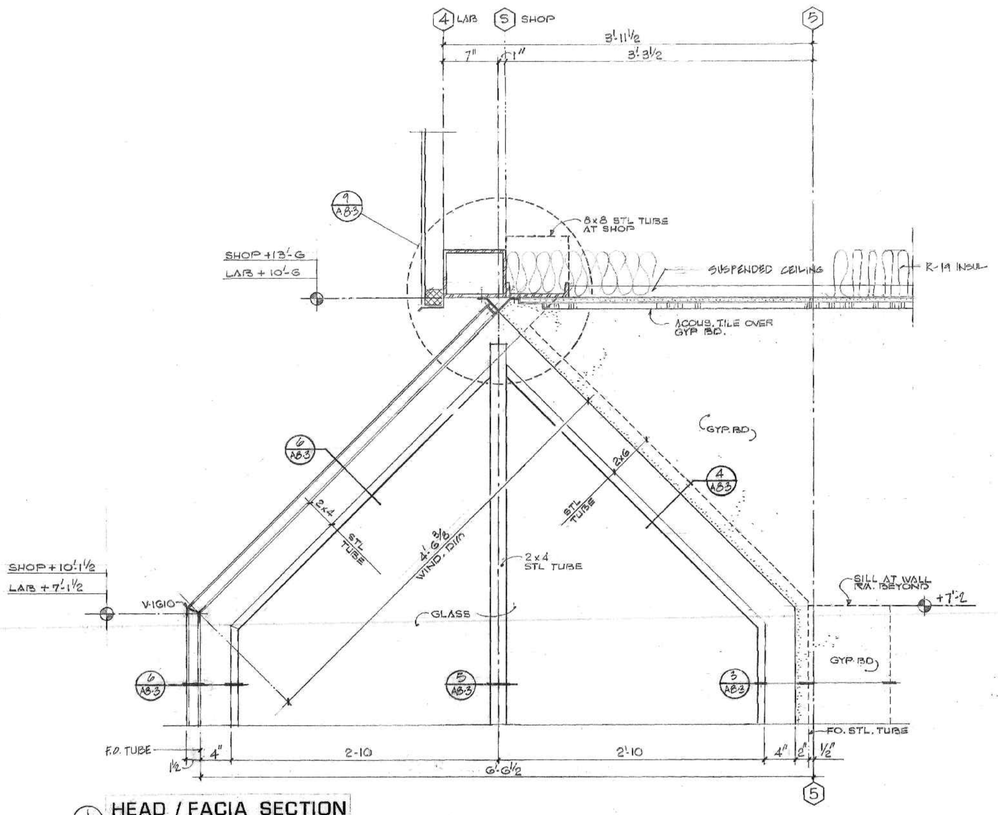
PROJECT NO. 7805
DRAWN BY DAVENPORT-FB
CHECKED BY
DATE 12-1-77
JOB NO. 7805

SHEET NUMBER
A8-2
OF 5 SHEETS

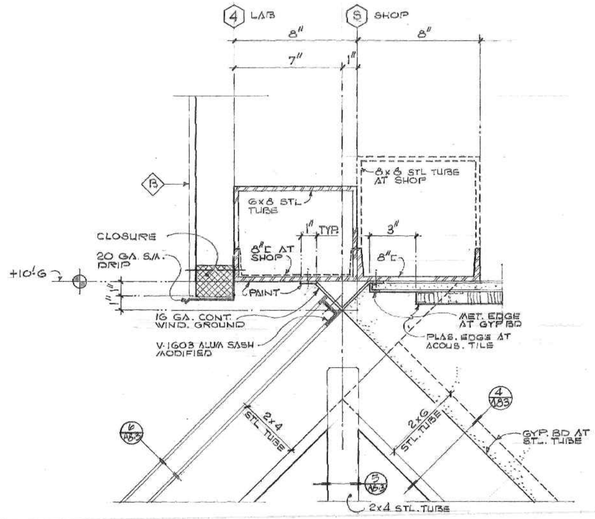
CITY OF SANTA ROSA FILE No. 79 117

LAB BLDG

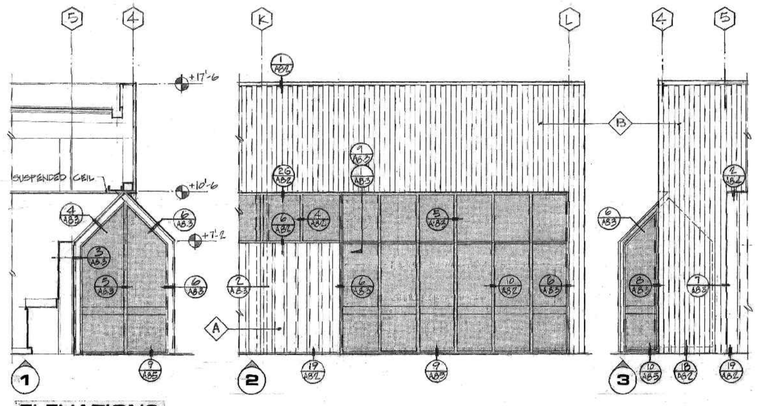
TYP ANCHORAGE NOTES
SEE SHT. A8-1



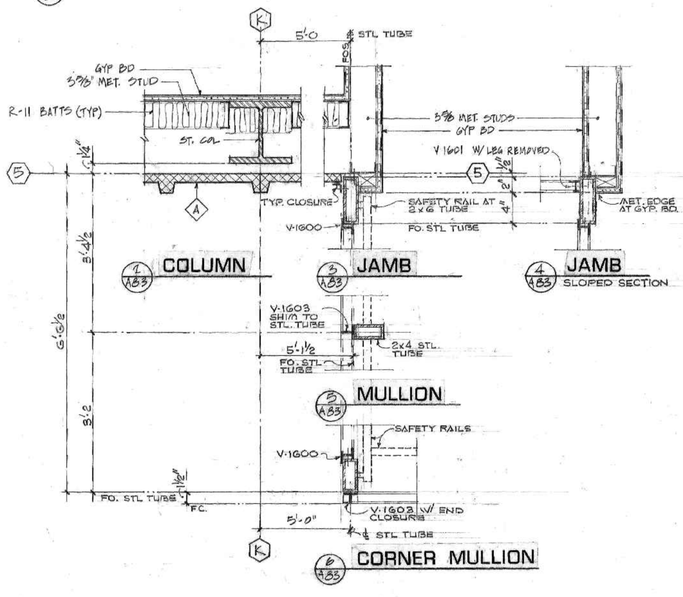
1 A8-3 HEAD / FACIA SECTION



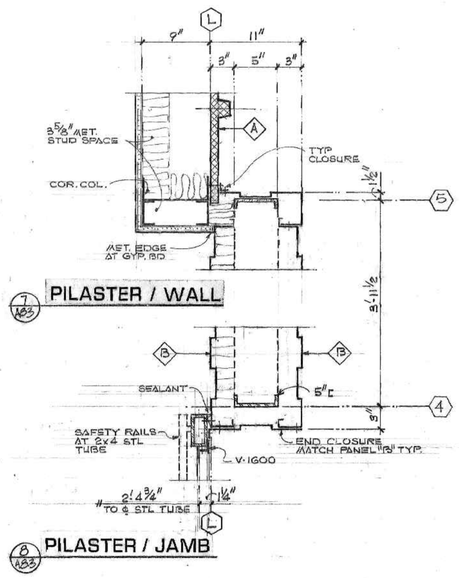
9 A8-3 OUTSLOPE WINDOW HEAD
SCALE: 3" = 1' - 0"



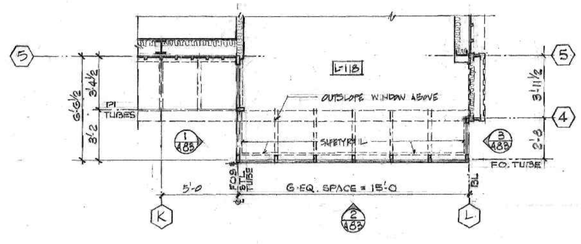
ELEVATIONS
SCALE: 1/4" = 1' - 0"



2 A8-3 COLUMN
3 A8-3 JAMB
4 A8-3 JAMB SLOPED SECTION
5 A8-3 MULLION
6 A8-3 CORNER MULLION



7 A8-3 PILASTER / WALL
8 A8-3 PILASTER / JAMB



PARTIAL FLOOR PLAN
SCALE: 1/4" = 1' - 0"

DETAILS
SCALE: 1½" = 1'-0, UON

REVISIONS

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. NO. 8 BOLLES
DRAWN BY DAYMOND-B
CHECKED BY
DATE JUNE 11, 79
JOB NUMBER 722

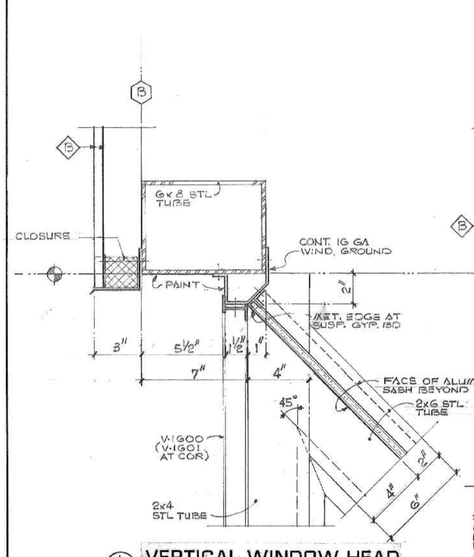
SHEET NUMBER
A8-3
OF 5 INDEX

CITY OF SANTA ROSA FILE No. 79-117

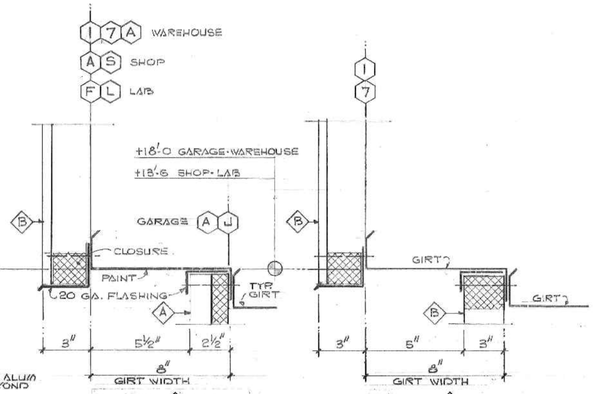
32 OF 72

WAREHOUSE - SHOPS BLDG

TYP ANCHORAGE NOTES
SEE SHT. A8-1

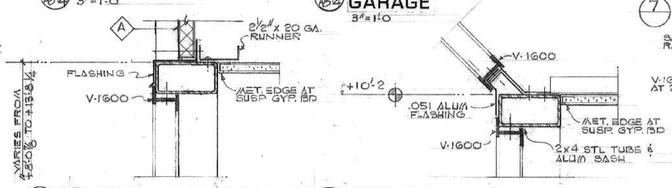


1 A8.4 VERTICAL WINDOW HEAD
3"=1'-0



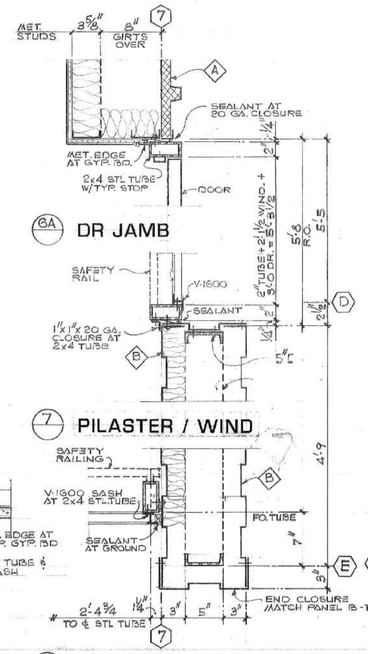
7 A8.4 PANEL A HEAD
3"=1'-0

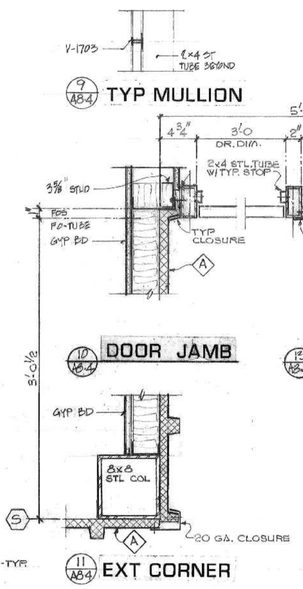
4 A8.4 PANEL B HEAD GARAGE
3"=1'-0

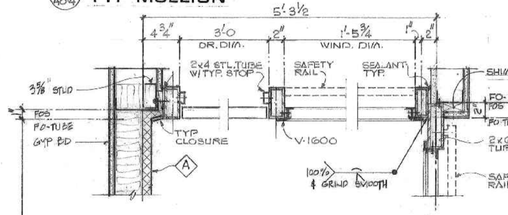


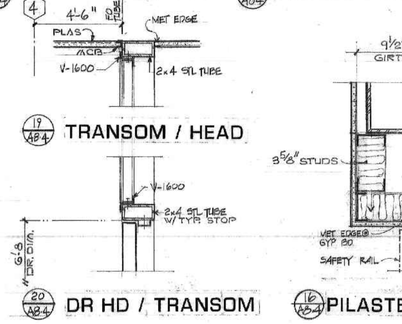
3 A8.4 WIND HD. RM. W-102-W
3"=1'-0

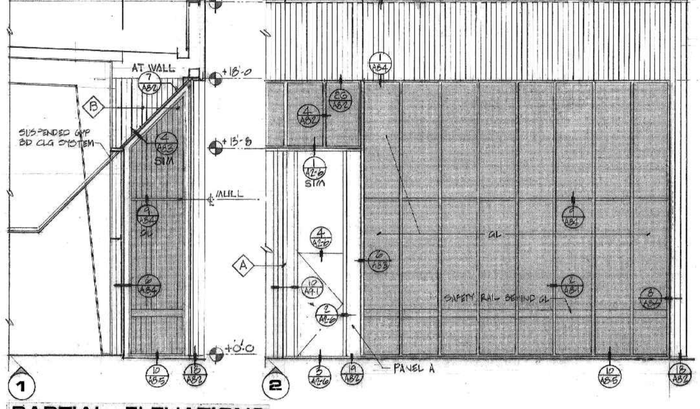
5 A8.4 WIND HD. RM. S-102
3"=1'-0



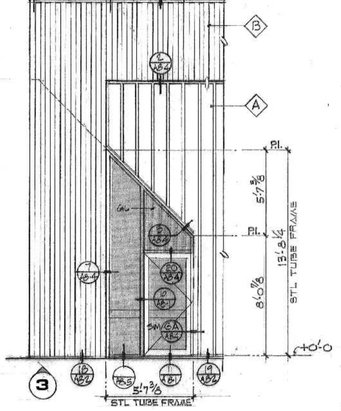




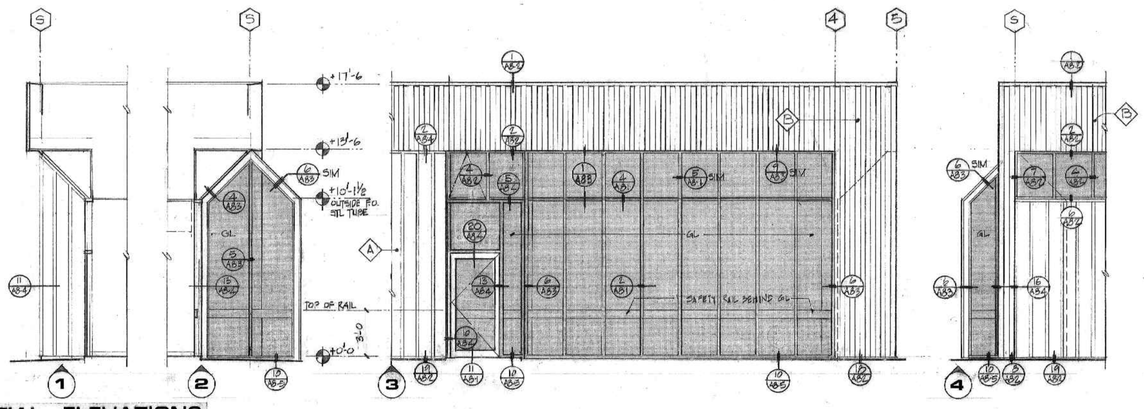


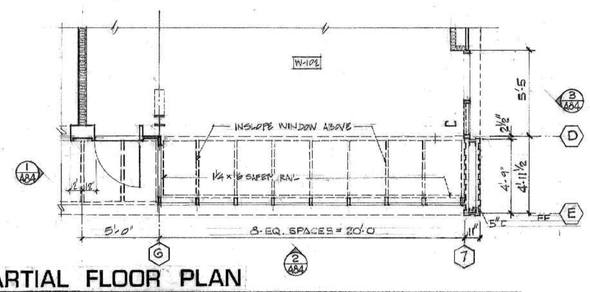


1 2 PARTIAL ELEVATIONS
SCALE: 1/4" = 1' - 0"

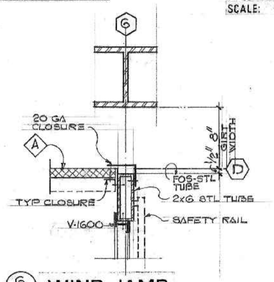


3 PARTIAL ELEVATIONS
SCALE: 1/4" = 1' - 0"



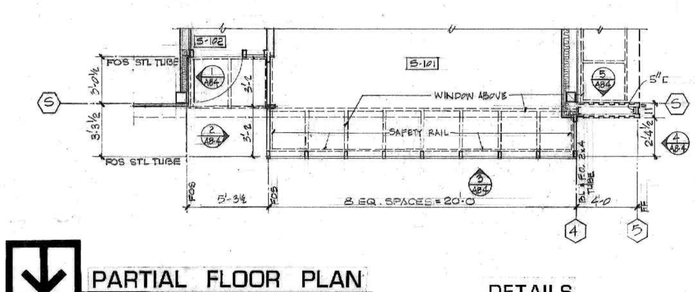


PARTIAL FLOOR PLAN
SCALE: 1/4" = 1' - 0"

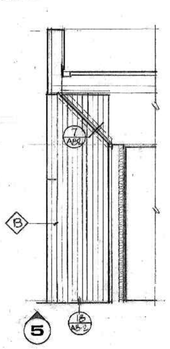


6 A8.4 WIND JAMB

DETAILS
DETAILS NOT NOTED 3"=1'-0 ARE 1½"=1'-0



PARTIAL FLOOR PLAN
SCALE: 1/4" = 1' - 0"



DETAILS
SCALE: 1½"=1'-0, UON

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4882

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

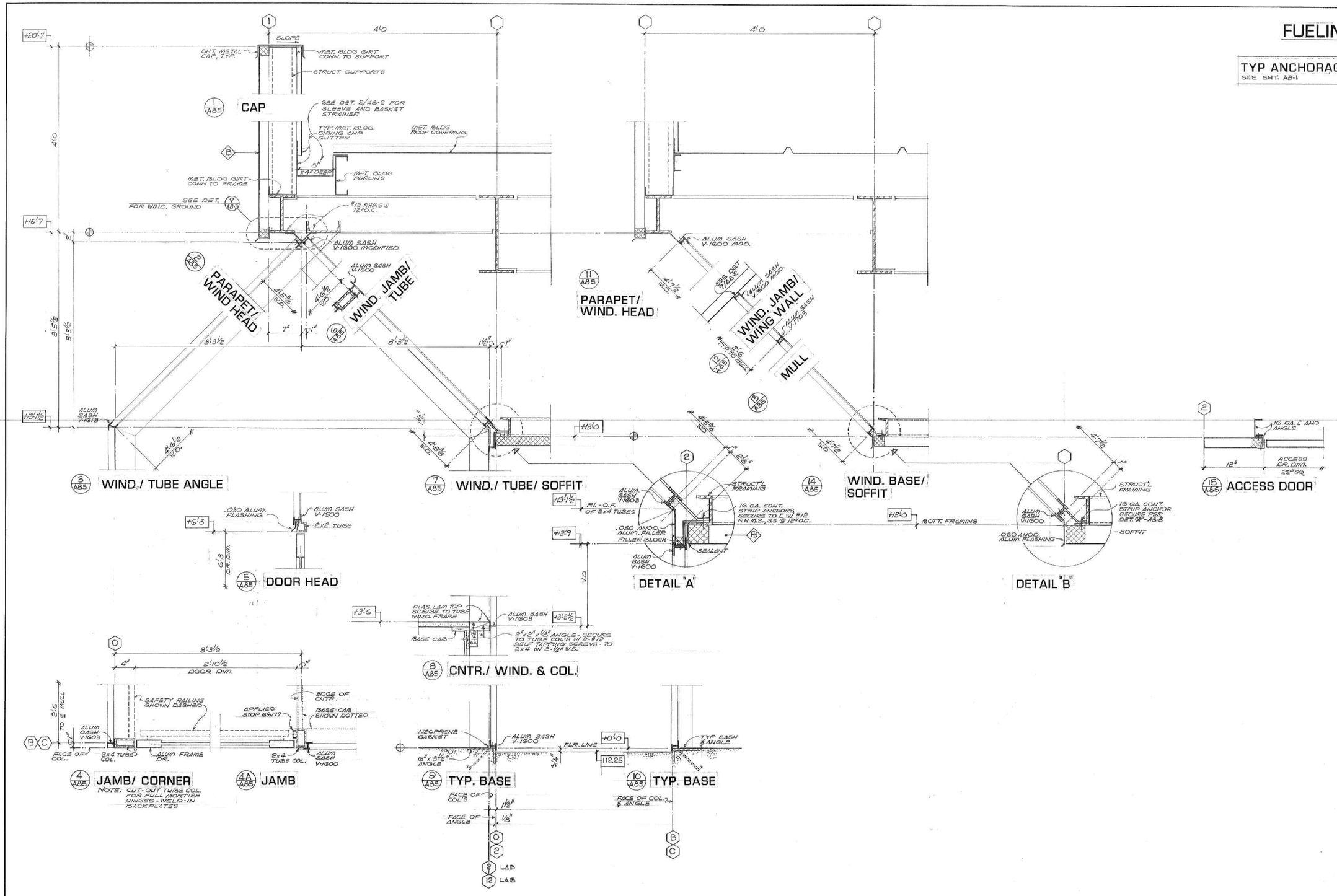
PROJ. NO. 8501.18
DRAWN BY MD
CHECKED BY
DATE 9.11.79
JOB NUMBER 125

SHEET NUMBER
A8-4
OF 5 INDEX

CITY OF SANTA ROSA FILE No. 79-117

FUELING BAY

TYP ANCHORAGE NOTES
SEE SHT. A8-1



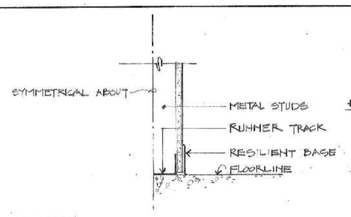
DETAILS
SCALE: 1½"=1'0, UON

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

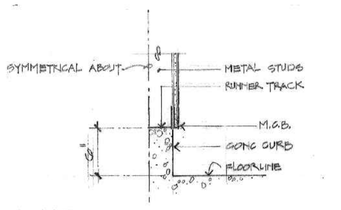
SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY B
CHECKED BY B
DATE JUNE 11, 79
JOB NUMBER 722

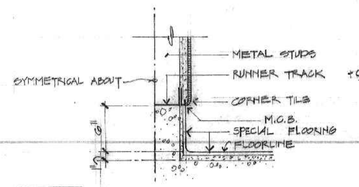
SHEET NUMBER
A8-5
OF 5 INDEX



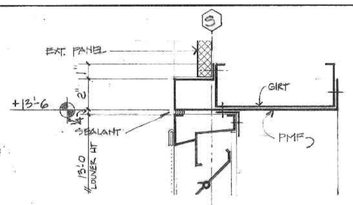
1 A9.1 **BASE** SCALE: 1 1/2" = 1' - 0"



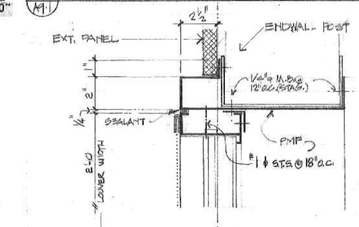
2 A9.1 **BASE** SCALE: 1 1/2" = 1' - 0"



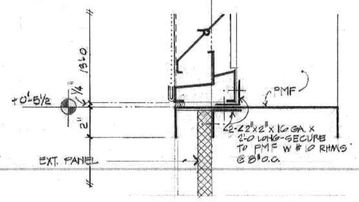
3 A9.1 **BASE** SCALE: 1 1/2" = 1' - 0"



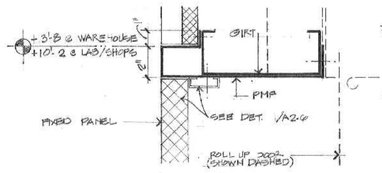
7 A9.1 **HEAD AT LOUVER**



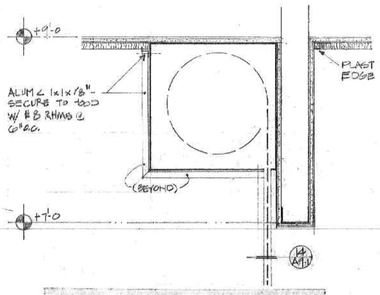
8 A9.1 **JAMB AT LOUVER**



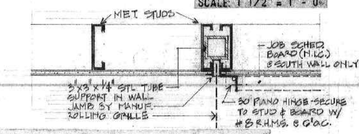
9 A9.1 **SILL AT LOUVER**



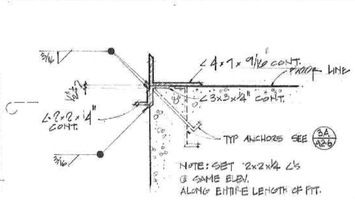
16 A9.1 **DOOR HEAD AT ENDWALL**



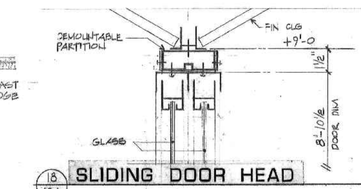
13 A9.1 **HEAD AT ROLLING GRILLE** SCALE: 1 1/2" = 1' - 0"



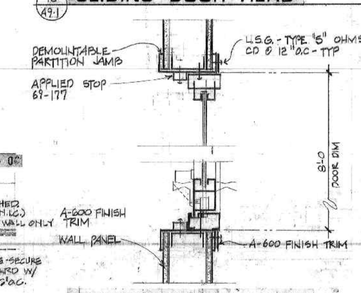
14 A9.1 **JAMB AT ROLLING GRILLE** SCALE: 1 1/2" = 1' - 0"



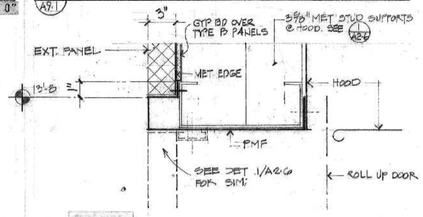
17 A9.1 **PIT EDGE DETAIL** SCALE: 1 1/2" = 1' - 0"



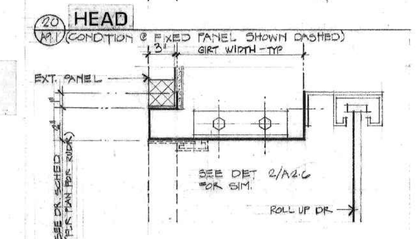
18 A9.1 **SLIDING DOOR HEAD**



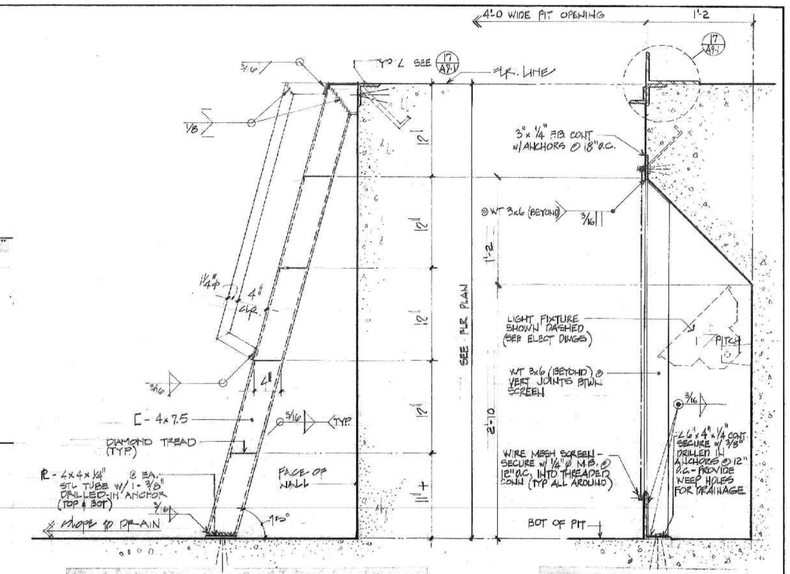
19 A9.1 **SLIDING DOOR JAMBS**



20 A9.1 **HEAD** (CONDITION @ FIXED PANEL SHOWN DASHED)

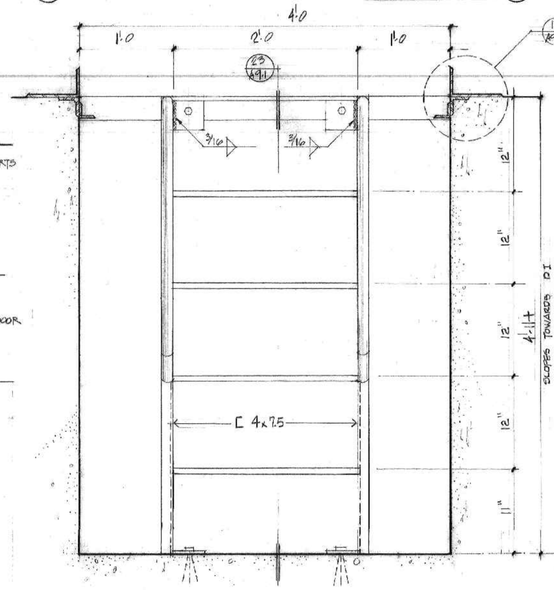


21 A9.1 **JAMB** (CONDITION @ FIXED PANEL SHOWN DASHED)

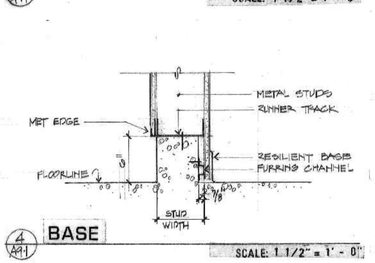


23 A9.1 **SECTION AT SERVICE PIT LADDER** SCALE: 1 1/2" = 1' - 0"

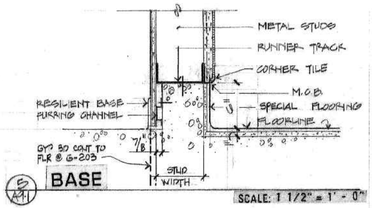
27 A9.1 **SECTION - SERVICE PIT RECESS**



24 A9.1 **ELEVATION AT SERVICE PIT LADDER** SCALE: 1 1/2" = 1' - 0"

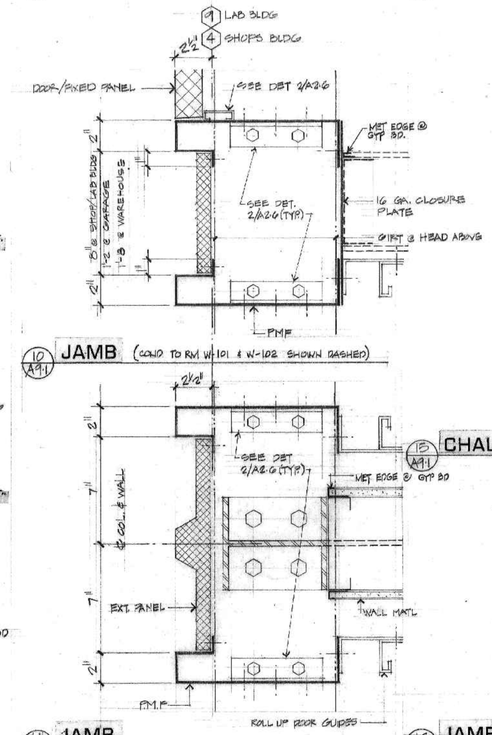


6 A9.1 **BASE** SCALE: 1 1/2" = 1' - 0"



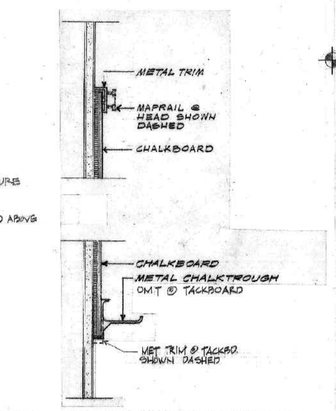
5 A9.1 **BASE** SCALE: 1 1/2" = 1' - 0"

4 A9.1 **BASE** SCALE: 1 1/2" = 1' - 0"

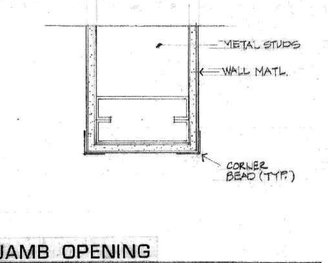


10 A9.1 **JAMB** (SOLID TO RM W-101 & W-102 SHOWN DASHED)

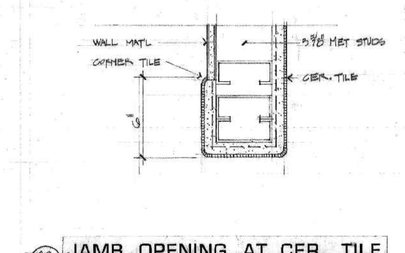
11 A9.1 **JAMB**



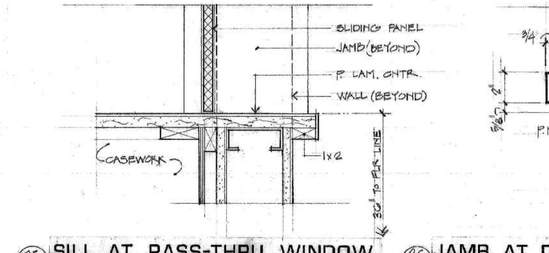
12 A9.1 **CHALKBOARD -TACKBOARD**



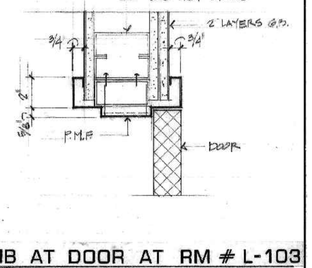
16 A9.1 **JAMB OPENING** (HEAD SIM.)



22 A9.1 **JAMB OPENING AT CER. TILE**



25 A9.1 **SILL AT PASS-THRU WINDOW**



26 A9.1 **JAMB AT DOOR AT RM # L-103** (HEAD SIM.)

REVISIONS

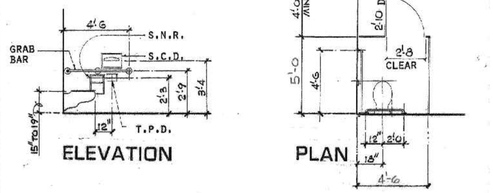
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
E. F. SIEBERT
G. B. BOLLES
POST OFFICE BOX 1000
4010 MONTECITO AVENUE (707) 542-4852
SANTA ROSA, CALIFORNIA 95402

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

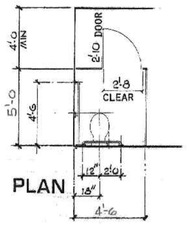
PROJECT 80-LLES
DRAWN BY RS/MC
CHECKED BY
DATE 4-1-79
JOB NUMBER 7925

SHEET NUMBER A9-1
OF 2 INDEX

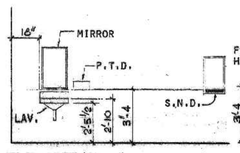
CITY OF SANTA ROSA FILE No. 79-117



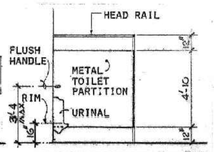
ELEVATION



PLAN



ELEVATION



ELEVATION

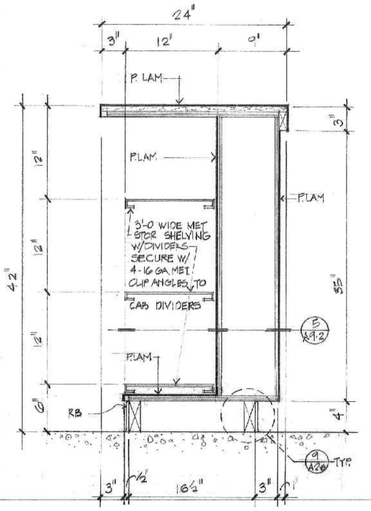
THE ABOVE DETAILED DRAWINGS ARE STANDARDS AND THE LAYOUTS APPLY TO ACCESSORIES, PARTITIONS, AND FIXTURES INSTALLATION HEIGHTS, AND MINIMUM STALL AND GRAB BAR DIMENSIONS.

PLAN

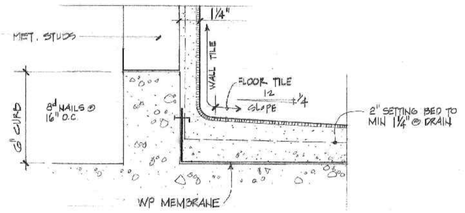
1 A9.2 TOILET ROOMS

NOT TO SCALE

HANDICAP MINIMUMS
ACCESSORIES INSTALLATIONS
FIXTURE LAYOUTS
PARTITION INSTALLATION

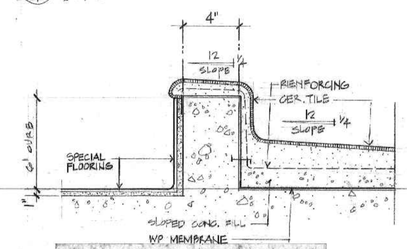


4 A9.2 COUNTER AT RM # G-106



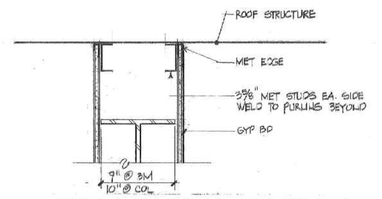
8 A9.2 SHOWER BASE

3"=1'-0



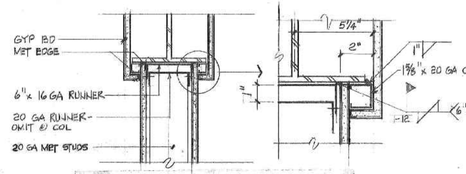
9 A9.2 CURB AT SHOWER BASE

3"=1'-0



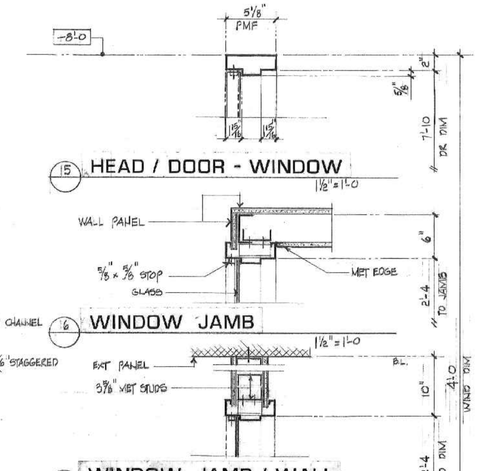
13A BM / 1-HR WALL-COL SIM

1½"=1'-0



13B BM / 1-HR WALL-COL SIM

1½"=1'-0



15 HEAD / DOOR - WINDOW

1½"=1'-0

6 WINDOW JAMB

1½"=1'-0

17 WINDOW JAMB / WALL

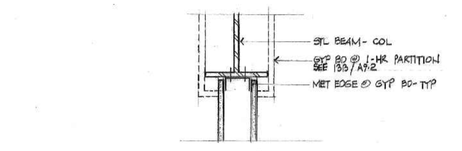
DOOR JAMB BELOW WINDOW SIM 1½"=1'-0

18 MULLION

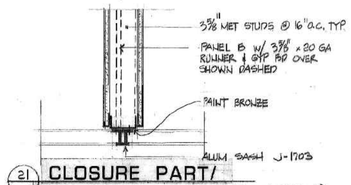
1½"=1'-0

19 SILL

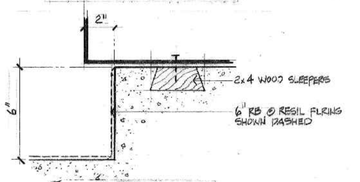
1½"=1'-0



20 STUD WALL/ COL

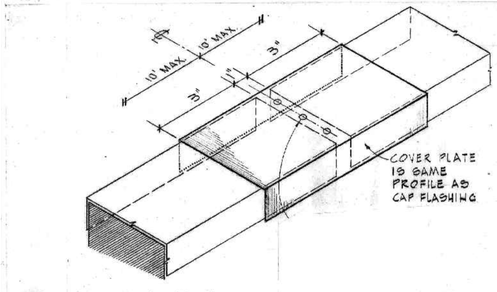


21 CLOSURE PART/ 45 ALUM WIND (SIM @ PANEL B)



22 LOCKER BASE

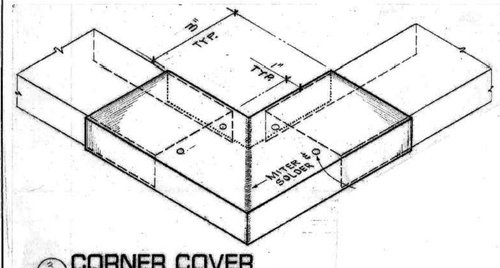
3"=1'-0



2 A9.2 SPLICE COVER

NO SCALE

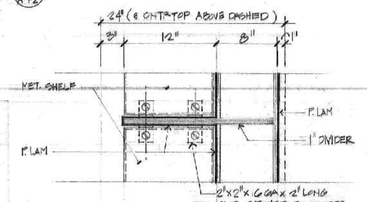
CAP FLASHING



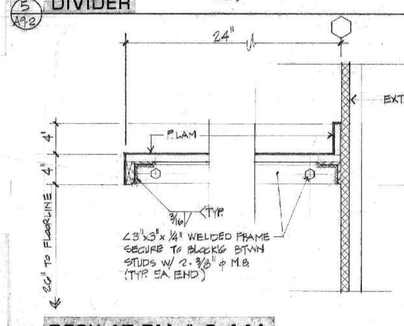
3 A9.2 CORNER COVER

NO SCALE

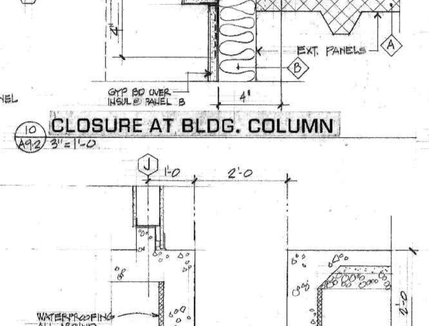
CAP FLASHING



5 A9.2 DIVIDER



6 A9.2 DESK AT RM # S-141

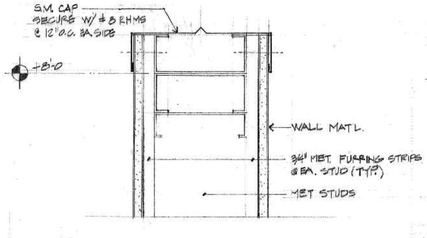


10 A9.2 CLOSURE AT BLDG. COLUMN

3"=1'-0

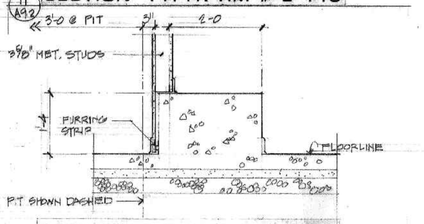
11 A9.2 SECTION- PIT AT RM # L-113

3'-0 @ PIT



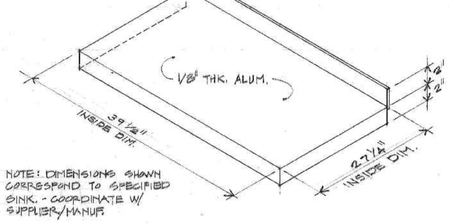
7 A9.2 DETAIL AT TOP OF WALL

3"=1'-0



12 A9.2 SECTION - CONC. PLATFORM

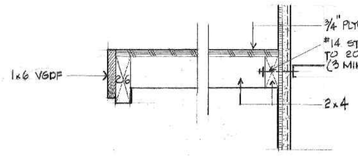
3/4"=1'-0



NOTE: DIMENSIONS SHOWN CORRESPOND TO SPECIFIED SINK. - COORDINATE W/ SUPPLIER/MANUF.

14 A9.2 COVER FOR CLEANING TANK

NO SCALE



23 SHELF

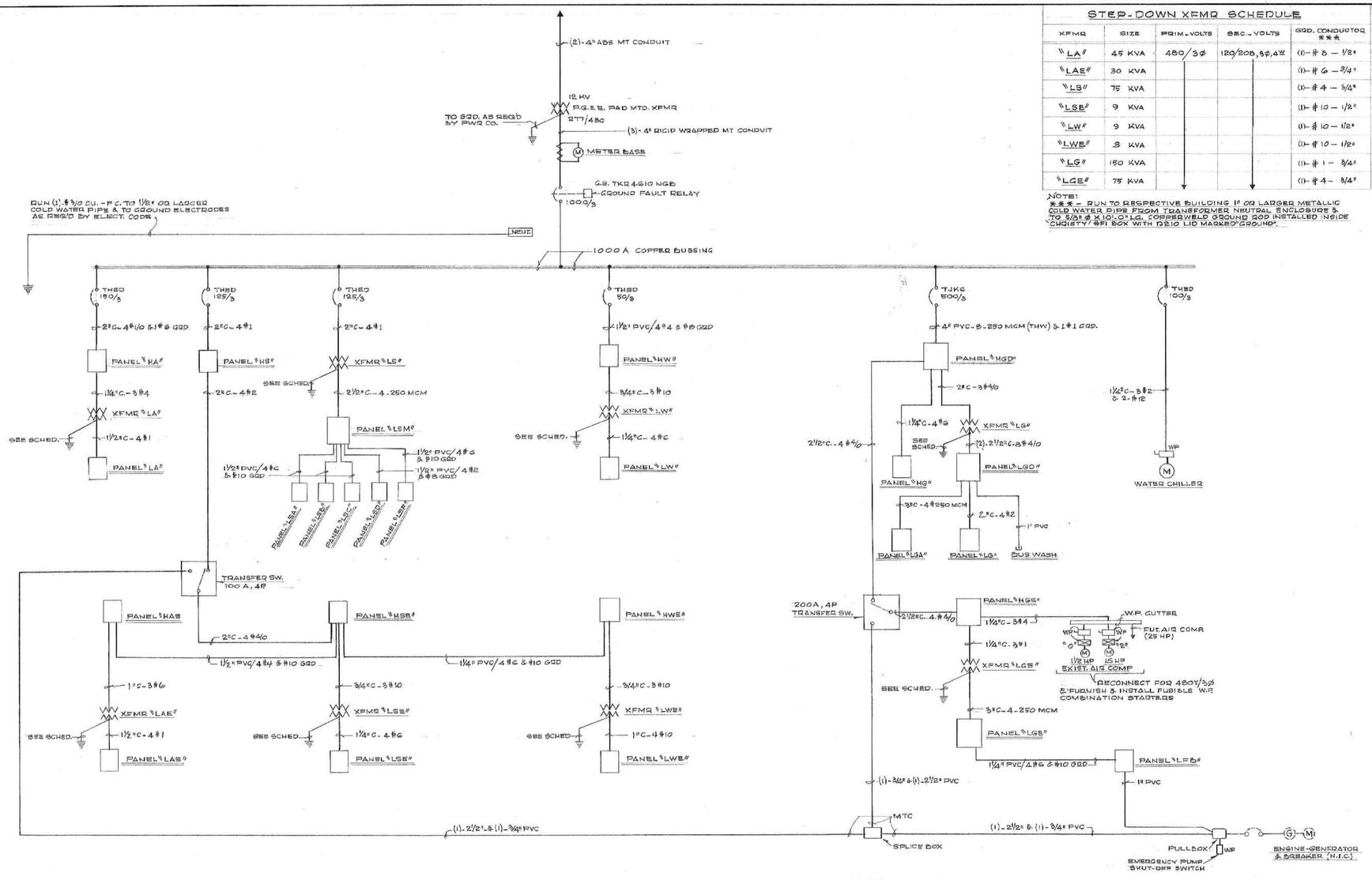
DETAILS: 1 1/2" = 1' - 0 UON

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. MGR. BOLLES
DESIGN
DRAWN BY
DATE 6-11-79
JOB NUMBER 122

SHEET NUMBER
A9-2
OF 2 INDEX



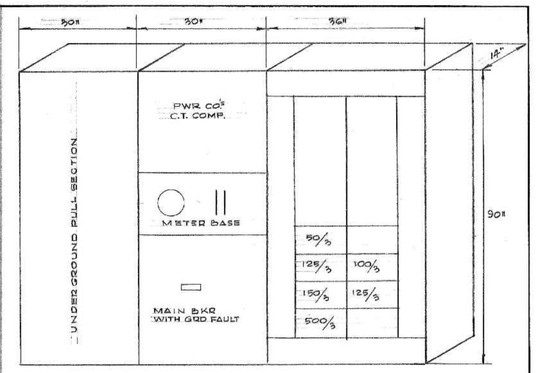
ELECTRICAL SINGLE LINE DIAGRAM NOT TO SCALE

NOTES:
1. ALL CONDUCTOR SIZES INDICATED ARE FOR THW COPPER.
2. PVC WITH GROUND SHALL BE USED ONLY ON FEEDERS AS INDICATED

STEP-DOWN XFMR SCHEDULE

XFMR	SIZE	PRIM.-VOLTS	SEC.-VOLTS	GRD. CONDUCTOR ***
"LA"	45 KVA	480/3Ø	120/208, 3Ø, 4W	(1)-#6 — 1/2"
"LAE"	30 KVA			(1)-#6 — 3/4"
"LG"	75 KVA			(1)-#4 — 3/4"
"LSE"	9 KVA			(1)-#10 — 1/2"
"LW"	9 KVA			(1)-#10 — 1/2"
"LWE"	3 KVA			(1)-#10 — 1/2"
"LG"	150 KVA			(1)-#1 — 3/4"
"LGE"	75 KVA			(1)-#4 — 3/4"

NOTE:
*** - RUN TO RESPECTIVE BUILDING 1" OR LARGER METALLIC COLD WATER PIPE FROM TRANSFORMER NEUTRAL ENCLOSURE & TO 5/8" Ø X 10'-0" LG. COPPERWELD GROUND ROD INSTALLED INSIDE CHOISTY/ #91 BOX WITH D210 LID MARKED "GROUND".



MAIN SWITCHBOARD DETAIL NOT TO SCALE

FIXTURE SCHEDULE

NOTE: FACTORY PAINT ALL EXPOSED SIDES OF ALL FIXTURES EXCEPT INDUSTRIALS & STRIP FIXTURES FLAT MATTE BLACK. ALL BOXES TO BE PAINTED FLAT BLACK.

TAG	DESCRIPTION (ALL 277 UON)	LAMPS	MOUNTING
A	WELLMADE #124-RL-2U28 - LD; WATT MISER BALLAST	2-F40 CW/U/G	SURFACE
B	WELLMADE #124-RL-448RS- LD	4-F40 CW	SURFACE
C	WELLMADE #103-SHA-248 RS	2-F40 CW	SURFACE
D	WELLMADE #407-U-248-2RS; C45-100; SAI-EQ	4-F40 CW	PENDANT
E	WELLMADE #407-U-296-800; C45-100; SAI-EQ	2-F96T12/CW/HO	PENDANT
F	WELLMADE #407-U-248-800 C45-100; SAI-EQ	2-F48T12/CW/HO	PENDANT
G	WELLMADE #205-196-800 ASYMMETRIC REFLECTOR	1-F96T12/CW/HO	SURFACE
H	PRUDENTIAL #P-1352-96RSTW-PRA; WATT MISER BALLAST	4-F40 CW	WALL BKT.
J	WELLMADE #204-248-2RS FULL SYMMETRIC REFLECTOR	4-F40 CW	SURFACE
K	WELLMADE #324-RL-2URS	2-P40CW/U/G	RECESSED
L	WELLMADE #407-U-396-800; C45-100; SAI-EQ	3-F96T12/CW/HO	PENDANT
M	WELLMADE #407-U-396-800 WITH 25% UP-LIGHT; SWITCHED 1-LAMP - 2 LAMP C45-100; SAI-EQ	3-F96T12/CW/HO	PENDANT
N	McGRAW EDISON #FL-22CJ-277 (BLACK) ADJUSTABLE LUMINAIRE FLOOD FOR MOUNTING ON 2⅜" RIGID ALUMINUM CONDUIT; PHOTO CELL; GLARE SHIELD	1-LU400/D	ABOVE ROOF
P	PRESCOLITE #9453	1-PC8T9/CW	CEILING
Q	PRESCOLITE #3088 ; WATT MISER BALLAST	2-P40CW	WALL BKT.
R	PRESCOLITE #3078	2-P30T12/CW/RS	WALL BKT.
S	BENJAMIN #FV-4324-4 CLASS I, DIV. 2	2-P48T12/CW/HO	IN NICHE
T	WELLMADE #407-U-348-800; C45-100; SAI-EQ	3-P48T12/CW/HO	PENDANT
U	WELLMADE #407-U-296-800 WITH 25% UPLIGHT; SWITCHED 1 LAMP - 1 LAMP; C45-100; SAI-EQ	2-P96T12/CW/HO	PENDANT
V	BENJAMIN #FE-1725-8	2-P96T12/CW/HO	SURFACE
W	McGRAW EDISON #CS22641-277PV - BK ADJUSTABLE LUMINAIRE MTG. BKT.; FOR MTG. ON CITY STD. POLE	1-LU400/D	ON POLE
X	McGRAW EDISON #CS-22643-277PV - BK ADJUSTABLE LUMINAIRE MTG. BKT. FOR MTG. ON CITY STD. POLE	2-LU400/D	ON POLE
Y	McGRAW EDISON #CS-22644-277PV - BK ADJUSTABLE LUMINAIRE MTG. BKT. FOR MTG. ON CITY STD. POLS	3-LU 400/D	ON POLE
Z	McGRAW EDISON #CS-22646-277PV-BK ADJUSTABLE LUMINAIRE MTG. BKT. FOR MTG. ON CITY STD. POLE	4-LU 400D	ON POLE
AA	PARAMOUNT # 5043A WITH MOUNTING YOKE ; WATT MISER BALLAST	4-P40 CW	RECESSED
BB	PRESCOLITE #90H4M-8	1-H100DX38-4	RECESSED
CC	WELLMADE #407-D-296-800 ANGLE BRACKET & BEAM CLAMP	2-F96T12/CW/HO	ON BOT. OF BEAM
DD	ART METAL #3357AA	1-100	RECESSED
EE	BENJAMIN # FE-1724-4; WATT MISER BALLAST	2- F40 CW	SURFACE
FF	WELLMADE # 205-148-800 ASYMMETRIC REFLECTOR	1-F48T12/CW/HO	SURFACE

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	FLUORESCENT LIGHT FIXTURE - RECESS MOUNTED	T	THERMOSTAT - UP 5'-0"
	FLUORESCENT LIGHT FIXTURE - SURFACE MOUNTED		DOUBLE UNDERFLOOR DUCT/JUNCTION BOX
	FLUORESCENT LIGHT FIXTURE - WALL MOUNTED		POWER SERVICE FITTING ON UNDERFLOOR DUCT
	FLUORESCENT LIGHT FIXTURE - OPEN TUBE STRIP TYPE		TELEPHONE SERVICE FITTING ON UNDERFLOOR DUCT
	FLUORESCENT FIXTURE ON EMERGENCY SYSTEM		
	NIGHT LIGHT FIXTURE	M	MOTOR OUTLET AS NOTED
	INCANDESCENT LIGHT FIXTURE - RECESS MOUNTED		FUSED DISCONNECT SWITCH
	INCANDESCENT LIGHT FIXTURE - CEILING MOUNTED	(7½)	TIMESWITCH
	INCANDESCENT LIGHT FIXTURE - WALL MOUNTED	J	JUNCTION BOX/BLANK COVER
A	LIGHT FIXTURE IDENTIFICATION TAG - SEE SCHEDULE		HOMERUN TO PANEL
			CONDUIT IN WALL OR ABOVE CEILING
$	SINGLE POLE SWITCH - UP 54"		CONDUIT IN OR BELOW FLOOR SLAB OR UNDERGROUND
$P	SINGLE POLE SWITCH / PILOT LIGHT - UP 54"		CONDUIT WITH QUANTITY OF WIRES INDICATED
$3	THREE WAY SWITCH - UP 54"	VFC	VENT FAN IN CEILING
$4	FOUR WAY SWITCH - UP 54"	WP	WATERPROOF
	DUPLEX WALL RECEPTACLE - UP 15", UON	UON	UNLESS OTHERWISE NOTED
▼	TELEPHONE OUTLET - UP 15" UON - RUN IND. 3/4"/PULLSTRAP TO TEL. EQUIP. MTG. BOARD, UON	EF	EXHAUST FAN
(E)	EMERGENCY		FLUSH FLOOR RECEPTACLE
UH	UNIT HEATER		FLUSH FLOOR TELEPHONE OUTLET
IH	IMPSA-RED HEATER	TF	FLUSH FLOOR JUNCTION BOX - SAME AS TELEPHONE EXCEPT WITHOUT FITTING
FC	FAN-COIL UNIT		

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
E. F. SIEBERT
G. B. BOLLES
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

REVISIONS

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

JAMES T. WILLIAMS E-9989 ELECTRICAL CALIFORNIA

DRAWN BY: BOLLES | CHECKED BY: JEFF | DATE: 11-77 | JOB NUMBER: 7722

SHEET NUMBER
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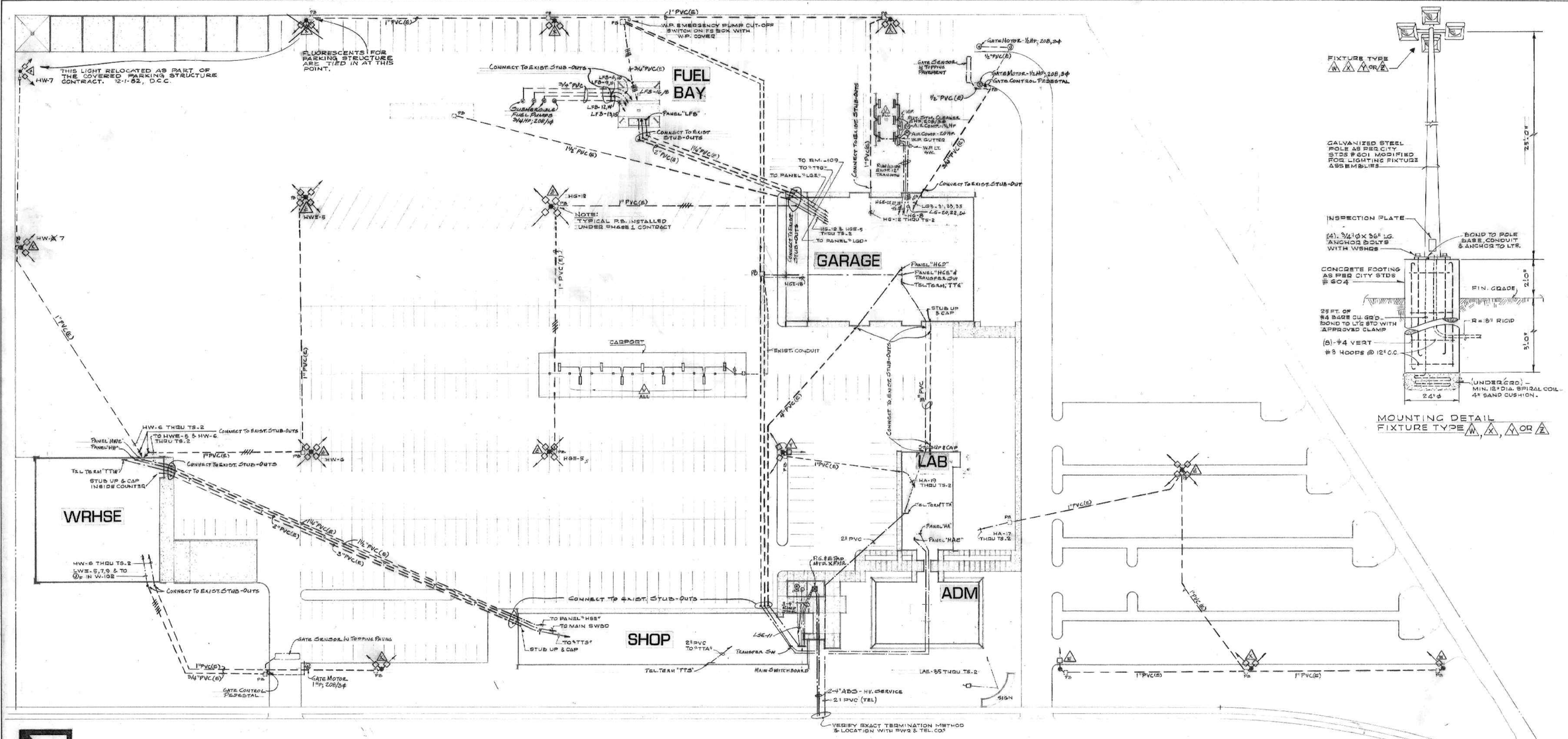
OF 1 INDEX

CITY OF SANTA ROSA FILE No. 79-117 R
RECORD PLANS 63 OF 72



SITE PLAN - (ELECT.)

SCALE: 1" = 40'-0"

NOTE:

1. FOR ELECTRICAL FEEDER SIZES, SEE SINGLE LINE DIAGRAM.
2. ---□--- = EXIST. CONDUIT & PULL BOX INSTALLED UNDER PHASE 1 CONTRACT.
3. VERIFY STUB-OUT LOCATIONS OF ALL CONDUITS PRIOR TO INSTALLATION.

NORTH

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

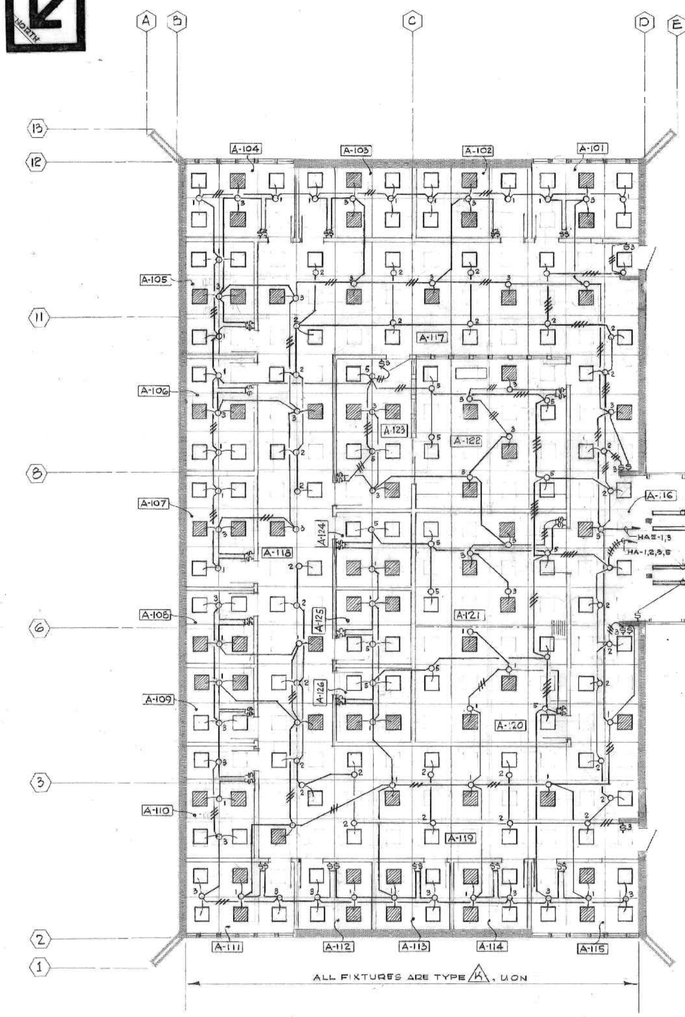
SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY JFM
CHECKED BY JFM
DATE 8-11-79
JOB NUMBER 172

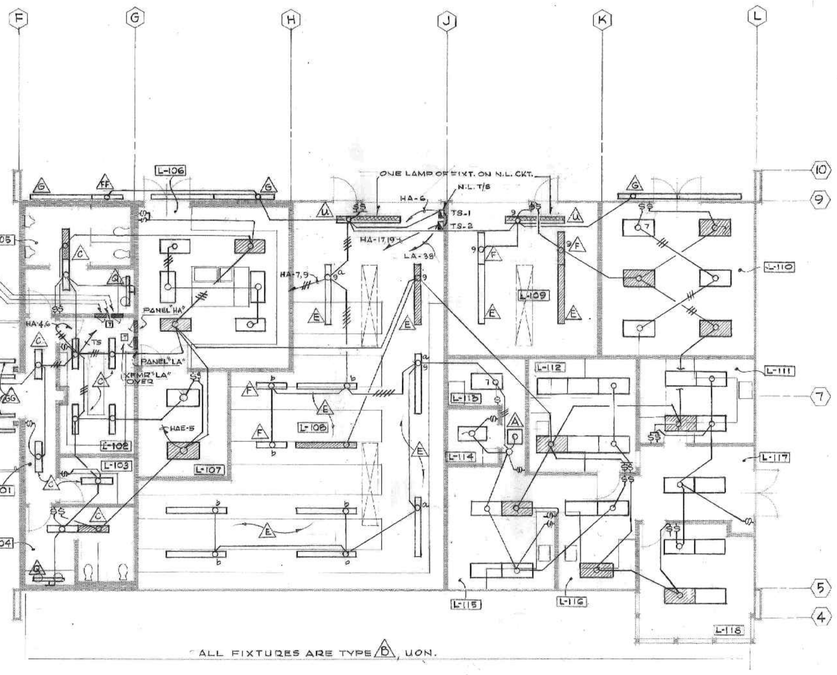
SHEET NUMBER
E1-1
OF 1 INDEX

RECORD PLANS

CITY OF SANTA ROSA FILE No. 79 - 117 R 64 OF 72

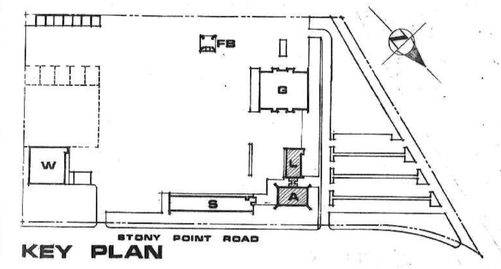


ADMIN. BLDG. (LIGHTING) SCALE: 1/8" = 1'-0"



LOBBY

LAB. BLDG. (LIGHTING) SCALE: 1/8" = 1'-0"



KEY PLAN

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATE ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4592

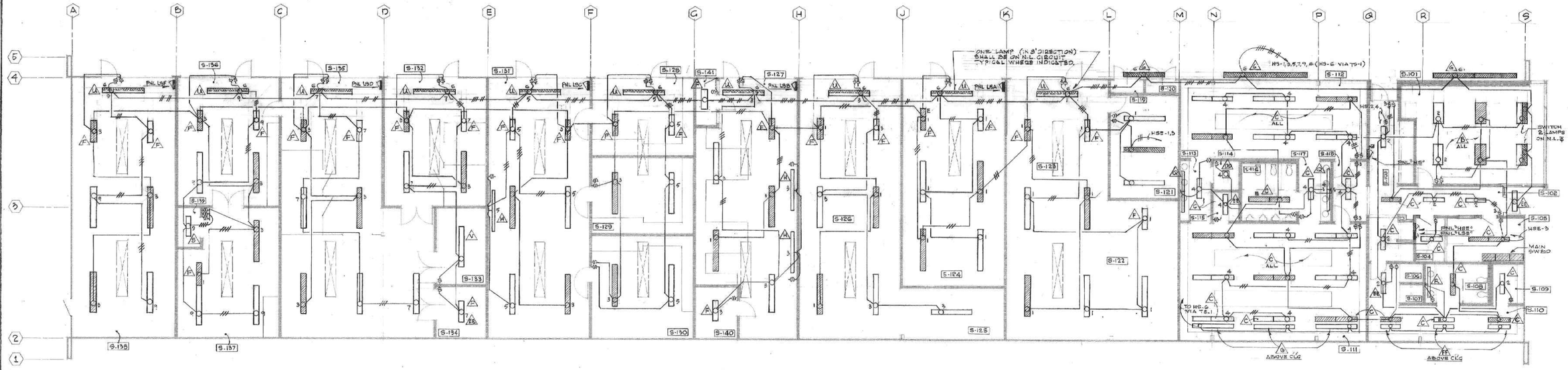
REGISTERED PROFESSIONAL ENGINEER
JAMES F. HANLEY
E-0969
ELECTRICAL
STATE OF CALIFORNIA

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

BOOKS	DRAWN	
DATE	CHECKED	
6-11-79	JRH	

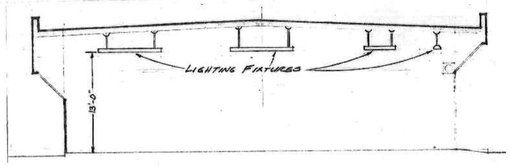
SHEET NUMBER
E2-1
OF 4 INDEX

CITY OF SANTA ROSA FILE No. 79-117 P
RECORD PLANS 65 OF 72

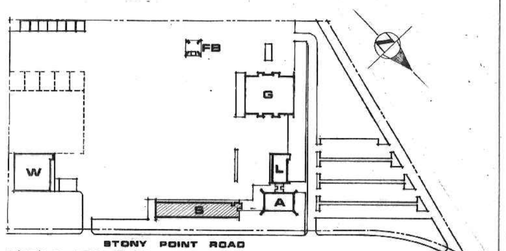


SHOPS BLDG. (LIGHTING) SCALE: 1/8" = 1'-0"

NOTE:
ALL FIXTURES ARE TYPE E, U.O.N.



SHOPS BLDG SECTION SCALE: 1/8 1'.0



KEY PLAN

REVISIONS

REGISTERED PROFESSIONAL ENGINEER JAMES F. MURAKAMI E-5989 ELECTRICAL STATE OF CALIFORNIA

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY JFM JG NZ
CHECKED BY JFM
DATE 6-11-79
JOB NUMBER 722

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CITY OF SANTA ROSA FILE No. 79 117 R
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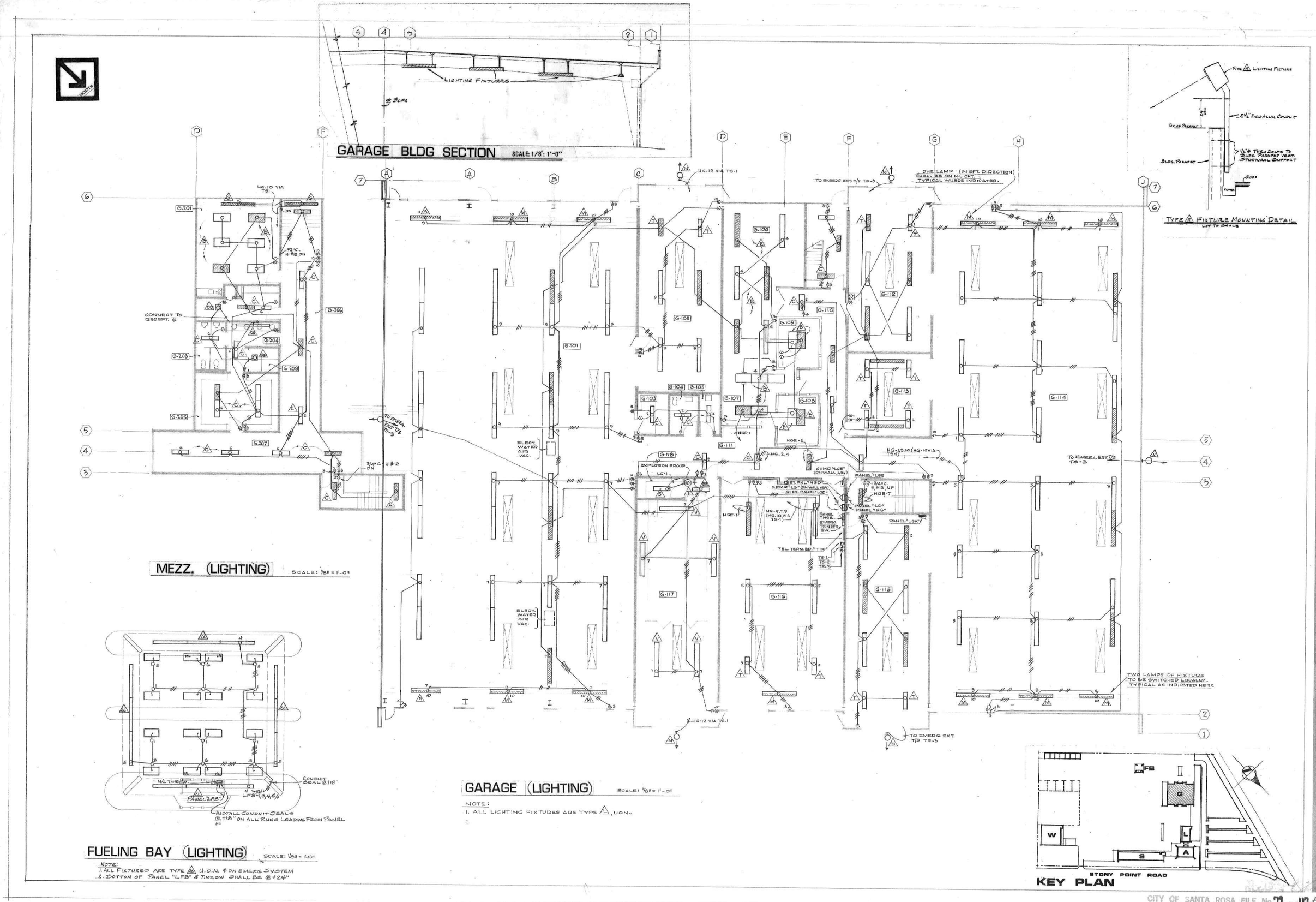

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER JAMES F. MURAKAMI E-6999 ELECTRICAL STATE OF CALIFORNIA

DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER
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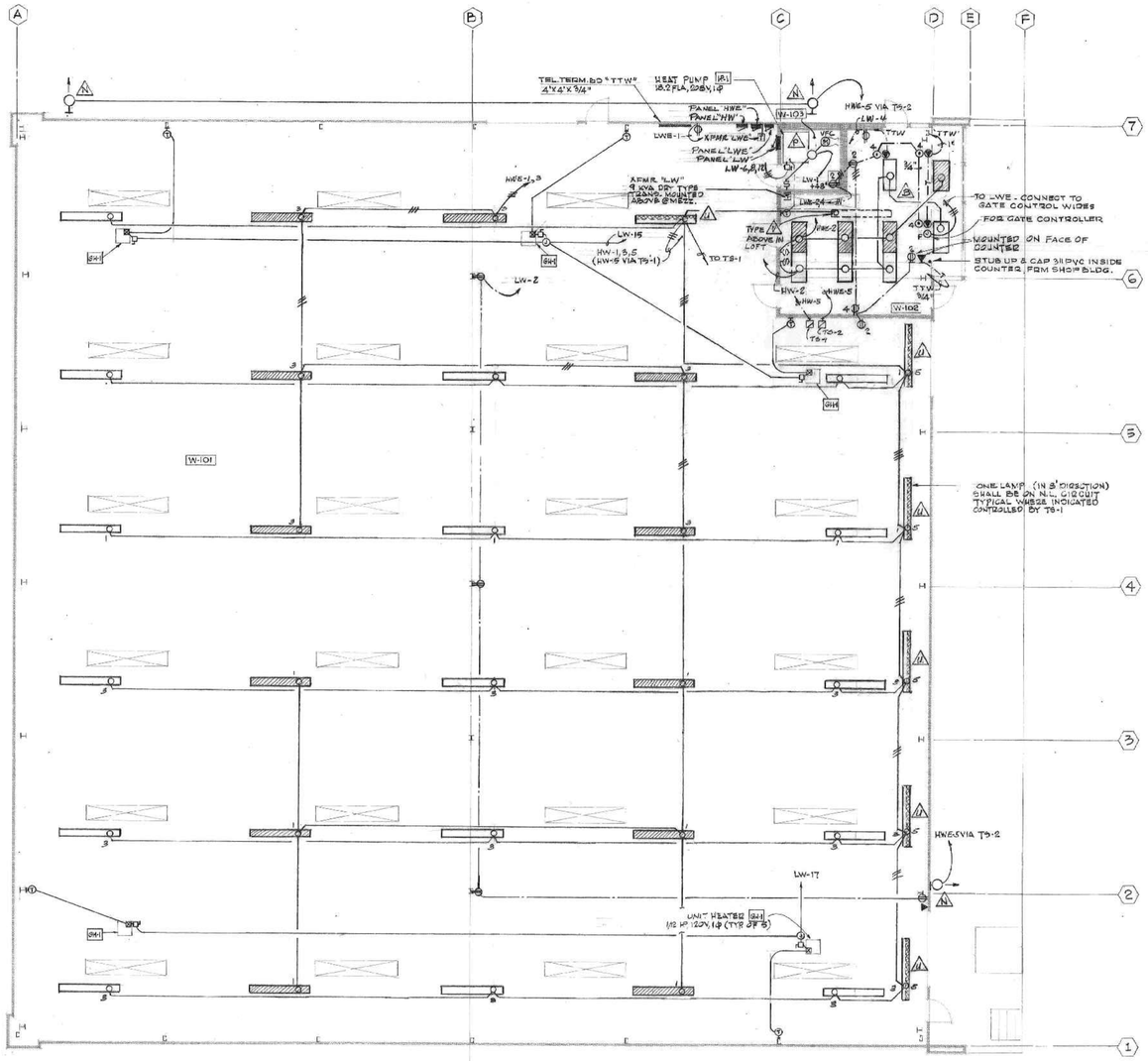
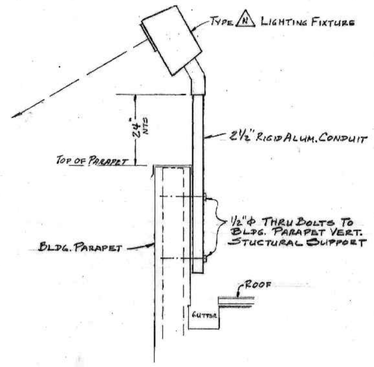
67 OF 72



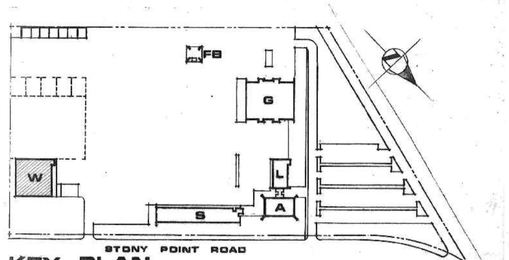
WAREHOUSE (LIGHTING) - (PWR/SIG.)

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

NOTE:
ALL FIXTURES ARE TYPE △E, U.O.N.



TYPE △N FIXTURE MOUNTING DETAIL
NOT TO SCALE



KEY PLAN

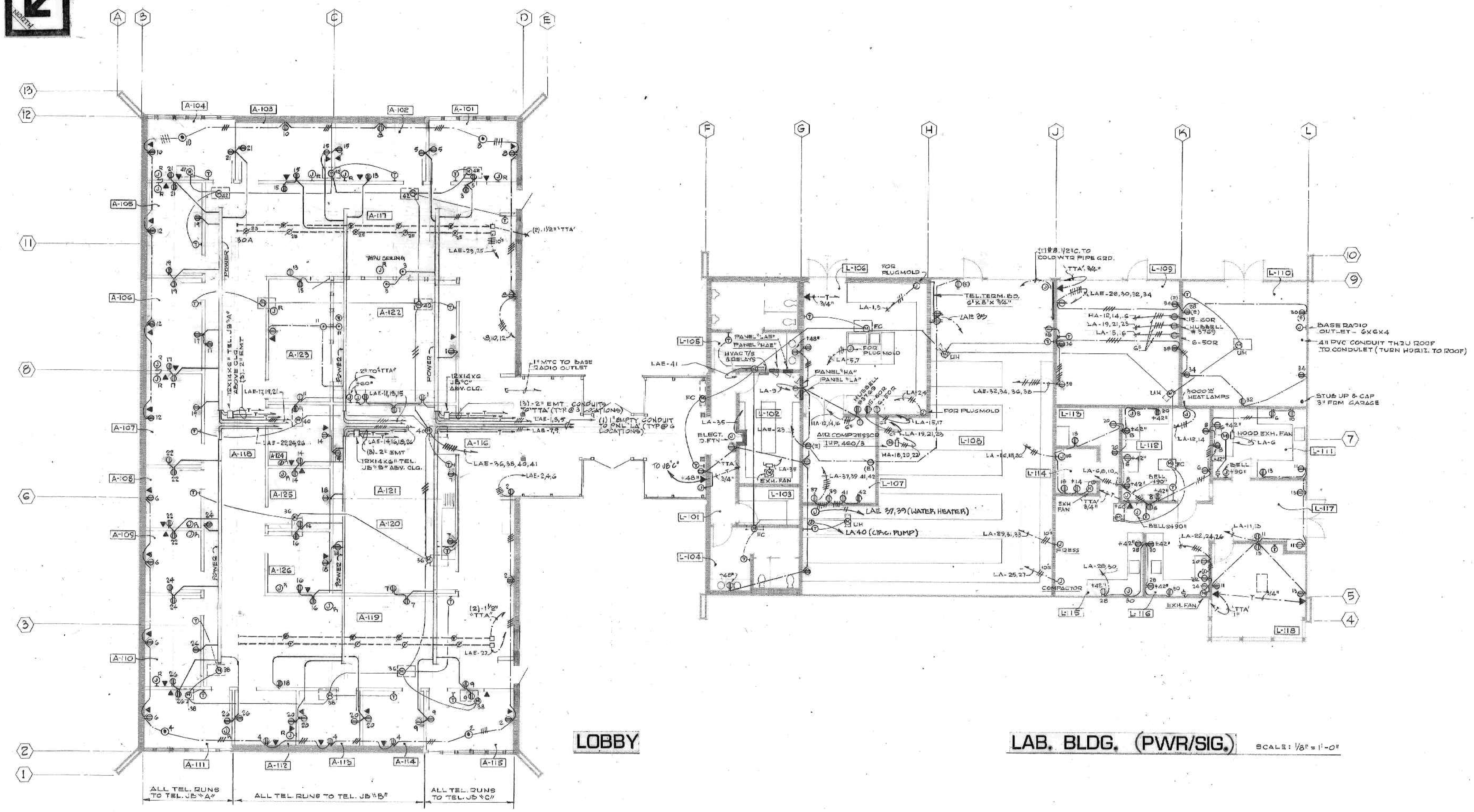
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJECT BOLLES
DRAWN BY
CHECKED BY
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER
E2-4
OF 4 INDEX

CITY OF SANTA ROSA FILE No. 79 117 R
RECORD PLANS 68 OF 72



LOBBY

LAB. BLDG. (PWR/SIG.) SCALE: 1/8" = 1'-0"

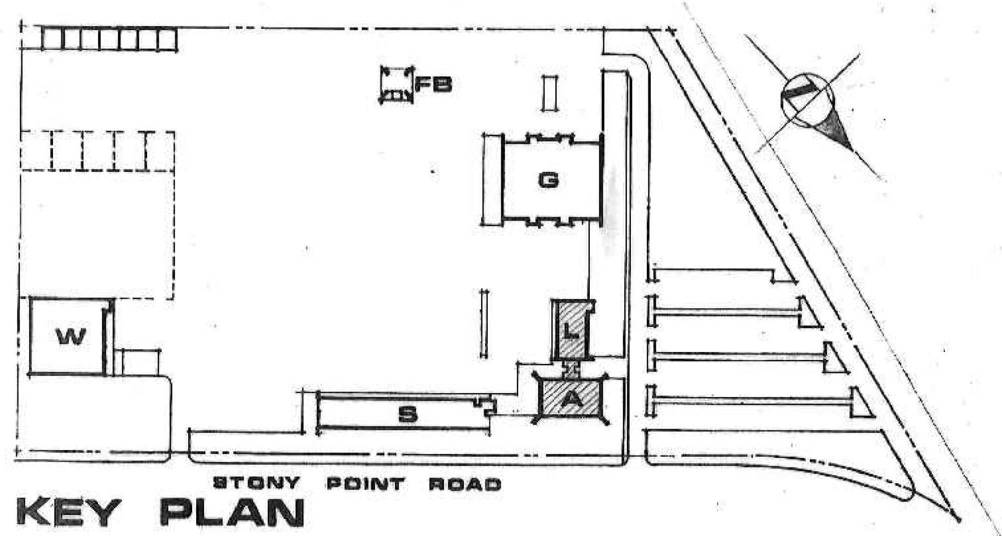
ADMIN. BLDG. (PWR/SIG.) SCALE: 1/8" = 1'-0"

NOTE:

1. J_R = JUNCTION BOX IN WALL FOR RADIO - STUB UP 3/4" C. WITH PULLSTRAP TO ABOVE CEILING.

2. ALL TEL. CONDUITS ABOVE CEILING IN ADM. BUILDING SHALL BE EMT WITH PULLSTRAP.

3. RUN 3/4" EMT WITH PULLSTRAP TO EACH 12 X 14 X 6" JB.



KEY PLAN

REVISIONS

REGISTERED PROFESSIONAL ENGINEER
JAMES F. MURAKAMI
E-6989
ELECTRICAL
STATE OF CALIFORNIA

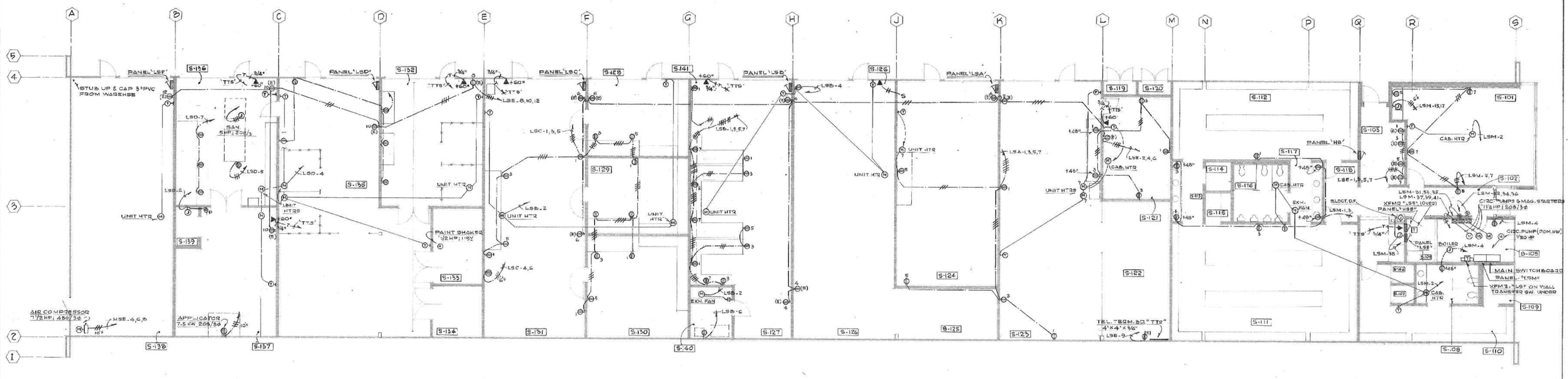
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL
SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY JFM JG NZ
CHECKED BY JFM
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER
E3-1
OF 3 INDEX

CITY OF SANTA ROSA FILE No. 79-117 R
RECORD PLANS

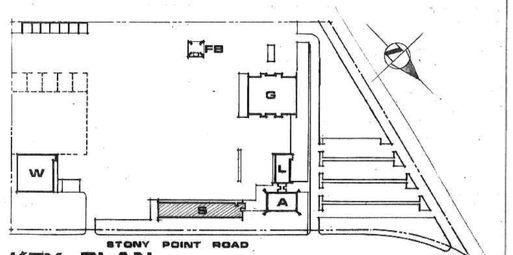


SHOPS BLDG. (PWR/SIG.)

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

NOTE:

1. INSTALL ALL POWER OUTLETS, PANELS, J-BOXES ETC., AT +48" ABOVE FLOOR UNLESS OTHERWISE NOTED, IN ROOMS #S-121 THRU S-138 INCLUSIVE.



KEY PLAN

REVISIONS

REGISTERED PROFESSIONAL ENGINEER
JAMES F. MURAKAMI
E-6888
ELECTRICAL
STATE OF CALIFORNIA

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY JFM
CHECKED BY JFM
DATE 6-11-79
JOB NUMBER 722

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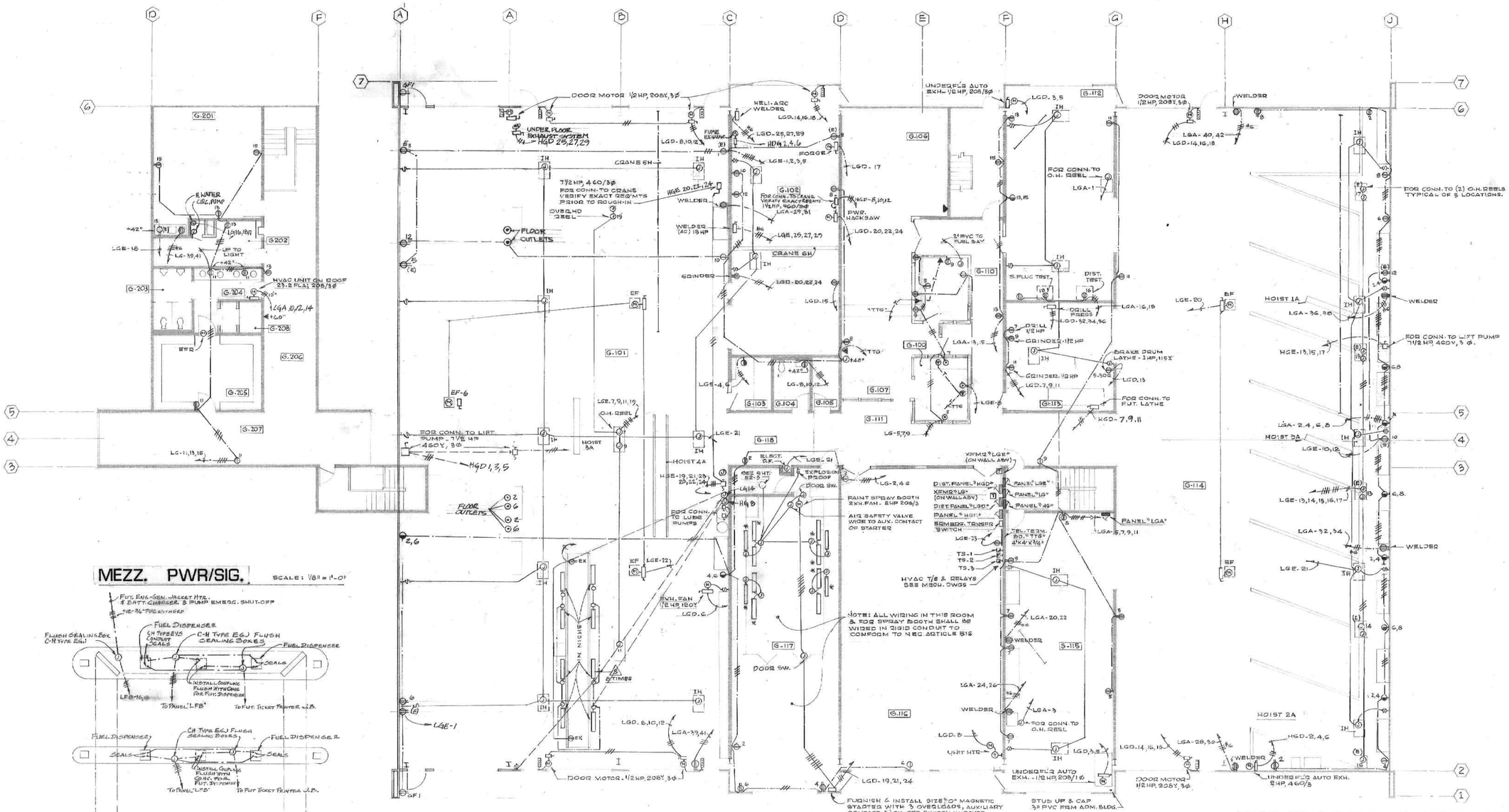
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2Ø3 CONN. TO LUBE PUMPS
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DOOR MOTOR - 1/2 HP, 208V, 3Ø
FURNISH & INSTALL SIZE "0" MAGNETIC STARTER WITH 3 OVERLOADS, AUXILIARY CONTACT & ON-OFF SWITCH IN COVER. NEMA 12 ENCLOSURE
STUB UP & CAP 3/4" PVC FROM ADM. BLDG.
KEMQ "LGE" (ON WALL ABV)
KEMQ "LG" (ON WALL ABV)
DIST. PANEL "HGD"
DIST. PANEL "LGD"
PANEL "HGE"
SEMIMOD. TRANSFR SWITCH
PANEL "LGE"
PANEL "LG"
PANEL "LGD"
PANEL "LGA"
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NOTE: ALL WIRING IN THIS ROOM & FOR SPRAY BOOTH SHALL BE WIRED IN RIGID CONDUIT TO CONFORM TO NEC ARTICLE 516
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PANEL "HA" GE TYPE NHB — VOLTAGE 277/480Y, 3φ, 4W — MOUNTING FLUSH — MAIN 150/3P BKR

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
LTG - ADM	2016	1	20/1	20/1	2	3168	LTG - ADM
LTG - ADM	1824	3			4	3300	LTG - LOBBY, TOIL. ELECT REPAIR
LTG - ADM	1824	5			6		NIGHT LIGHTS
LTG - SOILS LAB & RECP.	3600	7			8		SPARE
LTG - FIELD SER. & ELECT STOR.	3826	9			10		SPARE
	18200	11			12	5820	
XFMR "LA"	16800	13	70/3	60/3	14	5820	ELECT. TEST BENCH 480/3φ
	19400	15			16	5820	
LTG - EXT. FLOODS	3840	17	20/1		18	500	
LTG - EXT. FLOODS	1440	19	20/1	15/3	20	500	AIR COMP - 1HP
SPARE		21			22	500	
SPARE		23		20/1	24		SPARE

	A	C	B
AMPS / φ	120.8	125.3	109.2
TOTAL KW	33.344	34.7	30.2

PANEL "LA" GE TYPE NLAB — VOLTAGE 120/208Y, 3φ, 4W — MOUNTING FLUSH — MAIN 225A MLO.

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
φ - ELECT. REPAIR	400	1	20/1	20/1	2	400	φ - ELECT. REPAIR
φ - ELECT. REPAIR	400	3			4	400	φ - ELECT. REPAIR
φ - ELECT. REPAIR	400	5			6	1000	φ - SOILS
φ - ELECT REPAIR	400	7			8	1200	φ - SOILS
φ - TOILETS	1600	9			10	1600	φ - SOILS
φ - OFFICE	800	11			12	1500	HEAT LAMPS
φ - SOILS & OVEN	800	13			14	1500	HEAT LAMPS
ELECT. TEST BENCH 208/1φ	3360	15			16	1500	φ - WATER HTR
	3360	17	50/2		18	960	φ - PRESS
	5520	19			20	1280	φ - SOILS (KIRAMIK POT)
ELECT. TEST BENCH 208/3φ	5520	21	50/3		22	1000	φ - SOILS
	5520	23			24	864	φ - VAC. PUMP 1/3HP
COMPACTOR 1HP	1056	25			26	1600	φ - OVEN
	1056	27	20/2		28	600	φ - SOILS
PRESS 5HP	2000	29			30	600	φ - SOILS
	2000	31	40/3		32	200	φ - RADIO REPAIR
	2000	33			34	400	φ - RADIO REPAIR
ELECT. D.F.	950	35	20/1		36	200	φ - FIELD SER & SIGN
φ	1500	37			38	400	φ - FIELD SER & T/S
φ	1500	39			40		SPARE
φ	1500	41			42	1500	φ

	A	C	B
AMPS / φ	139.6	162.0	151.3
TOTAL KW	16.8	19.4	18.2

PANEL "HS" GE TYPE NHB — VOLTAGE 277/480V, 3φ, 4WIRE — MOUNTING FLUSH — MAIN 225A M.L.O.

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
LIGHTING	1886	1	20A-1P	20A-1P	2	2340	LIGHTING
LTG	2469	3			4	3420	LTG
LTG	1736	5			6	2350	NIGHT LIGHTS
LTG	1785	7			8		SPARE
LTG	1935	9			10	17860	
SPARE		11		100/3	12	17500	PANEL "HSE"
SPARE		13			14	20000	

	A	C	B
AMPS / φ	93.9	92.8	77.9
TOTAL KW	26.0	25.7	21.6

PANEL "LSM" GE TYPE CCB — VOLTAGE 120/208Y, 3φ, 4W — MOUNTING SURFACE — MAIN 400A MLO.

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
φ - LKR. RM.	600	1	20/1	20/1	2	840	CAB. HTRS
φ - LKR. RM.	600	3			4	500	BOILER & DHW CIRC PUMP
φ - LUNCH RM.	400	5			6		SPARE
φ - LUNCH RM.	400	7			8		SPARE
SPARE		9			10		SPARE
SPARE		11			12		SPARE
SPARE		13			14	1800	
KIT. UNIT	4500	15		50/3	16	400	PANEL "LSA"
	4500	17	50/2		18	400	
	7500	19			20	1500	
PANEL "LSD"	5700	21	100/3	50/3	22	1400	PANEL "LSB"
	5900	23			24	1600	
	4200	25			26	1400	
PANEL "LSF"	4000	27	50/3	50/3	28	5300	PANEL "LSC"
	4000	29			30	5300	
	624	31			32	624	
HTG CIRC PUMP 1½HP	624	33	15/3	15/3	34	624	HTG. CIRC. PUMP 1½HP
	624	35			36	624	
	624	37		20/1	38		ELECT. D.F.
CHILLED WATER PUMP 1½HP	624	39	15/3		40		SPARE
	624	41			42		SPARE

	A	C	B
AMPS / φ	160.9	202.3	199.7
TOTAL KW	19.3	24.3	23.9

PANEL "LSA" GE TYPE NLAB — VOLTAGE 120/208Y, 3φ, 4W — MOUNTING SURFACE — MAIN 100A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
φ - SEWER DEPT	400	1	20/1	20/1	2		SPARE
φ - SEWER DEPT	400	3			4		
φ - SEWER DEPT	400	5			6		
UNIT HEATERS	600	7			8		

	A	C	B
AMPS / φ	8.8	3.5	3.5
TOTAL KW	1.0	0.4	0.4

PANEL "LSB" GE TYPE NLAB — VOLTAGE 120/208Y, 3φ, 4W — MOUNTING SURFACE — MAIN 100A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
φ - WATER DEPT.	600	1	20/1	20/1	2	300	EXH. FAN
φ - WATER DEPT.	800	3			4	600	φφ U.H.
φ - WATER DEPT.	600	5			6	1000	φ - SAND BLASTING
φ - WATER DEPT.	600	7			8		SPARE
SPARE		9			10		
		11			12		

	A	C	B
AMPS / φ	10.0	11.7	13.3
TOTAL KW	1.5	1.4	1.6

PANEL "LSC" GE TYPE NLAB — VOLTAGE 120/208Y, 3φ, 4W — MOUNTING SURFACE — MAIN 100A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
φ - PARKS	1000	1	20/1	20/1	2	400	UNIT HEATERS
φ - PARKS	800	3			4	4500	WELDER
φ - PARKS	800	5		50/2	6	4500	
SPARE		7		20/1	8		SPARE
SPARE		9			10		

	A	C	B
AMPS / φ	11.7	44.2	44.3
TOTAL KW	1.4	5.3	5.3

PANEL "LSD" GE TYPE NLAB — VOLTAGE 120/208Y, 3φ, 4W — MOUNTING SURFACE — MAIN 100A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
φ - FIELD SERVICES	600	1	20/1	20/1	2	1800	DRYING RM
φ - PARK STOR.	200	3			4	1000	UNIT HEATERS
φ - PARK SHOP	200	5			6	1175	PAINT SHAKER - ½HP
φ - PARK SHOP	600	7			8		SPARE
SPARE		9			10		SPARE
	2500	11			12	2000	TABLE SAW 5HP
APPLICATOR	2500	13	20/3	40/3	14	2000	
	2500	15			16	2000	

	A	C	B
AMPS / φ	62.5	47.5	49.0
TOTAL KW	7.5	5.7	5.9

PANEL "LSF" GE TYPE NLAB — VOLTAGE 120/208Y, 3φ, 4W — MOUNTING SURFACE — MAIN 100A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
FIXT	1000	1	20/1	20/1	2	200	UNIT HEATER
FIXT	1000	3			4		FIXT
FIXT	1000	5			6		
SPARE		7			8		
SPARE		9			10		SPARE
SPARE		11			12		SPARE
FIXT	3000	13			14		SPARE
	3000	15	30/3	30/3	16		
	3000	17			18		

	A	C	B
AMPS / φ	35.0	33.3	33.3
TOTAL KW	4.2	4.0	4.0

PANEL "HW" GE TYPE NHB — VOLTAGE 277/480Y, 3φ, 4W — MOUNTING SURFACE — MAIN 70/3P BKR

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
LTG - WAREHOUSE	2589	1	20/1	20/1	2	~~900~~	~~LTG-OFF~~ SPARE
LTG - WAREHOUSE	2589	3			4	900	~~SPARE~~ LTG-OFF
NIGHT LIGHTS	840	5			6	2560 ~~3840~~	EXT. FLOODS
~~SPARE~~ EXT. FLOODS	2560	7			8	2400	
SPARE		9		15/3	10	3200	XFMR "LW"
SPARE		11			12	2800	

	A	C	B
AMPS / φ	~~[illegible]~~ 27.2	~~[illegible]~~ 24.1	~~[illegible]~~ 22.4
TOTAL KW	~~[illegible]~~ 7.5	~~[illegible]~~ 6.7	~~[illegible]~~ 6.2

NOTE: THIS PANEL CHANGED 12-1-82 TO ACCOMODATE RELOCATION OF EXTERIOR LIGHTING. AS PART OF THE COVERED PARKING STRUCTURE CONTRACT. D.C.C.

PANEL "LW" GE TYPE NLAB — VOLTAGE 120/208Y, 3φ, 4W — MOUNTING FLUSH — MAIN 100A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
LTG	200	1	20/1	20/1	2		φ
UNIT HTRS	400	3			4	550	DRINKING FOUNTAIN
UNIT HTRS	600	5			6	2185	
SPARE		7		30/3	8	2185	HEAT PUMP HP-1
SPARE		9			10	2185	

	A	C	B
AMPS / φ	19.2	26.2	23.2
TOTAL KW	2.4	3.2	2.8

PANEL "HG" GE TYPE NHB — VOLTAGE 277/480V, 3φ, 4WIRE — MOUNTING FLUSH — MAIN 100A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
LIGHTING	3770	1	20A-1P	20A-1P	2	2300	LIGHTING
	2300	3			4	2600	
	2600	5			6	3100	
	3400	7			8	1200	
	3700	9			10	1600	INTERIOR N.L.
SPARE		11			12	2400	EXTERIOR FLOODS

	A	C	B
AMPS / φ	34.3	36.8	29.3
TOTAL KW	9.47	10.2	8.1

PANEL "HGD" GE TYPE CCB — VOLTAGE 277/480Y, 3φ, 4W — MOUNTING SURFACE — MAIN 500/3P BKR

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
	3047	1			2	941	
HOIST #3A 7½HP	3047	3	30/3	15/3	4	941	GAR. EXH. SYSTEM 2HP
	3047	5			6	941	
LATHE 3HP	2659	7			8	1440	
	2659	9	15/3	15/3	10	1440	TRAVELING CRANE #6-H 1½HP
	2659	11			12	1440	
	50120	13			14	9470	
GAR. EXH. SYST	49300	15	15/3	50/3	16	10200	PANEL "HG"
	43080	17			18	8100	
	48750	19			20		
SPARE	51010	21	50/3	50/3	22		SPARE
	47440	23			24		
HGE	941	25			26		TRANSFORMER LG
	941	27	225/3	50/3	28		
	941	29			30		

	A	C	B
AMPS / φ	427.2	435.8	392.7
TOTAL KW	118.5	120.7	108.8

PANEL "LG" GE TYPE NLAB — VOLTAGE 120/208Y, 3φ, 4WIRE — MOUNTING FLUSH — MAIN 100A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
LIGHTING	300	1	20A-1P	20A-1P	2	300	RECEPTACLES
SPARE BRKR.		3			4	300	
RECEPTACLES	600	5			6	1000	
	600	7			8	300	
	600	9			10	600	
	300	11			12	600	
	600	13			14	200	
	600	15			16		H. WATER
CIRC. PUMP		17			18		H. WATER
SPARE		19			20	2000	FUT. STM CLEANER 5HP
KITCHEN UNIT	3000	21		40/3	22	2000	
	3000	23	50/2		24	2000	

	A	C	B
AMPS / φ	44.2	63.3	66.7
TOTAL KW	5.3	7.6	8.0

PANEL "LGD" GE TYPE CCB — VOLTAGE 120/208V, 3φ, 4WIRE — MOUNTING SURFACE — MAIN 600A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
SPARE		1	20/1	20/1	2		SPARE
UNDERFLOOR CAR.	528	3			4		
EXH FAN; 2-½HP	528	5	15/3		6		GAS U.H & EXH FAN
DRILL PRESS - ½HP	1176	7	20/1		8	1056	
GRINDER - ½HP	1176	9		20/3	10	1056	O.H. DOORS - 4-½HP
GRINDER - ½HP	1176	11			12	1056	G-101
BRAKE DRUM LATHE - 1HP	1920	13	40/1		14	528	O.H. DOORS - 3-½HP
PWR BANDSAW - ½HP	1176	15	20/1	15/3	16	528	G-114 & G-102
FORGE - ½HP	1176	17	20/1		18	528	
PAINT SPRAY BOOTH	844	19			20	450	
FAN & LIGHTS	844	21	30/3	15/3	22	450	GRINDER 1HP
	2544	23			24	450	
	8050	25			26	360	
HELIARC WELDER	8050	27	70/3	15/3	28	360	PWR HACKSAW 3.0A
	8050	29			30	360	
	3695	31			32	675	
BUS WASHER 9HP	3695	33	30/3	15/3	34	675	DRILL PRESS 5.6A
	3695	35			36	675	
	5300	37			38	24,700	
PANEL "LG"	7600	39	100/3	225/3	40	25,400	PANEL "LGA"
	8000	41			42	21,400	

	A	C	B
AMPS / φ	406.2	425.0	395.2
TOTAL KW	48.75	51.0	47.4

PANEL "LGA" GE TYPE NLAB — VOLTAGE 120/208Y, 3φ, 4W — MOUNTING SURFACE — MAIN 400A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
OVERHEAD REELS	1500	1	20/1	20/1	2	1000	φ
OVERHEAD REELS	1500	3			4	800	φ
φ	600	5			6	800	φ
φ	600	7			8	800	φ
φ	600	9			10		SPARE
φ	400	11			12		
φ	600	13			14		
φ	400	15			16		SPARE PLUG TEST
SPARE		17			18		DIST. TEST
SPARE		19			20	4500	WELDER OUTLET
WELDER OUTLET	4500	21		50/2	22	4500	
	4500	23	50/2		24	4500	WELDER OUTLET
WELDER OUTLET	4500	25		50/2	26	4500	
	4500	27	50/2		28	4500	WELDER OUTLET
WELDER OUTLET	4500	29		50/2	30	4500	
	4500	31	50/2		32	4500	WELDER OUTLET
WELDER OUTLET	4500	33		50/2	34	4500	
	4500	35	50/2		36		SPARE

	A		C		B		
AMPS / φ	225.2	205.8	245.0	211.7	202.3	178.5	CONNECTED / DEMAND
TOTAL KW	27.0	24.7	29.4	25.4	24.3	21.4	CONNECTED / DEMAND

PANEL "HAE" GE TYPE NHB — VOLTAGE 277/480Y, 3φ, 4W — MOUNTING FLUSH — MAIN 100A, 3P BKR

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
LTG - ADM	3072	1	20/1	20/1	2		SPARE
LTG - ADM	3168	3			4		
LTG - SOILS LAB	2700	5			6		SPARE
	10000	7			8		
XFMR "LAE"	10000	9	50/3		10		
	10000	11			12		

	A	C	B
AMPS / φ	47.2	47.5	45.8
TOTAL KW	13.07	13.2	12.7

PANEL "LAE" GE TYPE NLAB — VOLTAGE 120/208V, 3φ, 4 WIRE — MOUNTING FLUSH — MAIN 225A M.L.O.

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
RECEPTACLES	800	1	20A-1P	20A-1P	2	800	RECEPTACLES
	600	3			4	800	
	600	5			6	800	
	800	7			8	800	
	800	9			10	600	
	800	11			12	600	
	800	13			14	800	
	800	15			16	800	
	800	17			18	800	
	800	19			20	800	
	800	21			22	800	
φ - ELECT REPAIR	400	23			24	800	
φ - ELECT REPAIR	200	25			26	800	
XEROX - U.F.D.	1000	27	20/2		28	200	φ - RADIO REPAIR
	1000	29			30	200	φ - RADIO REPAIR
φ - UFD	800	31	20/1		32	200	φ - FIELD SERV.
φ - UFD	800	33			34	200	φ - FIELD SER.
φ - TEL.	200	35			36	1800	FAN-COIL UNITS
SPARE		37			38	1800	FAN-COIL UNITS
SPARE		39			40	1800	FAN-COIL UNITS
FAN-COIL UNITS	1800	41			42	1800	FAN-COIL UNITS

	A	C	B
AMPS / φ	66.7	58.3	58.3
TOTAL KW	8.0	7.0	7.0

PANEL "HSE" GE TYPE NHB — VOLTAGE 277/480Y, 3φ, 4W — MOUNTING FLUSH — MAIN 125/3P BKR

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
LTG	2528	1	20/1	20/1	2		SPARE
LTG	2810	3			4	2904	
LTG	1980	5		30/3	6	2904	AIR COMP - 7½HP
		7			8	2904	
	13200	9			10	1450	
PANEL "HAE"	13700	11	70/3	50/3	12	2900	PANEL "HWE"
	12070	13			14	2900	
	2500	15		20/1	16		SPARE
XFMR "LSE"	2100	17	15/3		18		
	3600	19			20		

	A	C	B
AMPS / φ	70.8	66.3	63.3
TOTAL KW	19.6	18.4	17.6

PANEL "LSE" GE TYPE NLAB — VOLTAGE 120/208, 3φ, 4W — MOUNTING FLUSH — MAIN 100A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
φ - VENDING MACH	1500	1	20/1	20/1	2	400	φ - SEWER DEPT
φ - VENDING MACH	1500	3			4	400	φ - WATER WK.
φ - VENDING MACH	1500	5			6	400	φ - PARKS WK.
φ - VENDING MACH	1500	7			8	200	φ - FIELD SER.
φ - TEL		9			10	600	φ - SIGN SHOP
CHILLER CONTROL		11			12	200	φ - FUT. CARP.
SPARE		13			14		SPARE
SPARE		15			16		SPARE

	A	C	B
AMPS / φ	30.0	20.8	17.5
TOTAL KW	3.6	2.5	2.1

PANEL "HWE" GE TYPE NHB — VOLTAGE 277/480Y, 3φ, 4W — MOUNTING SURFACE — MAIN 70/3P BKR

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
LTG - WAREHOUSE	1446	1	20/1	20/1	2		LTG-OFF
LTG - WAREHOUSE	1446	3			4		3 KVA
EXT. FLOODS	3360	5		15/3	6	1020	STEP-DN
SPARE		7			8	1000	XFMR "LWE"

	A	C	B
AMPS / φ	8.2	5.3	15.7
TOTAL KW	2.45	1.45	4.4

PANEL "LWE" GE TYPE NLAB — VOLTAGE 120/208Y, 3φ, 4W — MOUNTING SURFACE — MAIN 100A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
φ - TEL		1	20/1	20/1	2	600	φ
SPARE		3	20/1	20/1	4	800	φ
GATE MOTOR 1HP	475	5			6		SPARE
	475	7	15/3		8		
	475	9			10		

	A	C	B
AMPS / φ	9.2	10.6	4.0
TOTAL KW	1.08	1.3	0.48

PANEL "HGE" GE TYPE NHB — VOLTAGE 277/480Y, 3φ, 4W — MOUNTING SURFACE — MAIN 200/3P BKR

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
LTG - S.E. ½ GARAGE	3840	1	20/1	20/1	2		SPARE
LTG - NW ½ GARAGE	4221	3			4		
EXT. LTG		5			6		
LTG - STAIRWAY & WF	1202	7			8		
SPARE		9			10		
		11			12		
HOIST #1-A (2) 7½HP	3047	13			14		
	3047	15	30/3		16		
	3047	17			18		CARPORT LTG
HOIST #4-A 7½HP	3047	19			20	3047	TRAVELING CRANE #5-H 7½HP
	3047	21	30/3	30/3	22	3047	
	3047	23			24	3047	
AIR COMP. 20HP + 25FUT.	16897	25			26	19044	XFMR "LGE"
	16897	27	125/3	125/3	28	19044	
	16897	29			30	17044	

	A	C	B
AMPS / φ	184.6	177.9	155.5
TOTAL KW	50.12	49.3	43.08

PANEL "LGE" GE TYPE NLAB — VOLTAGE 120/208Y, 3φ, 4W — MOUNTING FLUSH — MAIN 225A MLO

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
φ - TRUCK REPAIR	1500	1	20/1	20/1	2	1500	φ - WELDING SHOP
φ - TRUCK REPAIR	1500	3			4	1500	φ - BATT CHARGER
φ - TRUCK REPAIR	1500	5			6	1500	φ - BATT CHARGER
O.H REEL - 6101	1500	7			8	1500	φ - OFF & PARTS
O.H. REEL - 6101	1500	9			10	1500	φ - AUTO REPAIR
O.H. REEL - 6101	1500	11			12	1500	φ - AUTO REPAIR
O.H. REEL - 6114	1500	13			14	1500	O.H REEL - 6114
O.H. REEL - 6114	1500	15			16	1500	O.H. REEL - 6114
O.H. REEL - 6114	1500	17			18	400	φ - DAY RM
OH REEL - 6101	1500	19			20		EXH FANS G-114
IH HEATERS		21			22		EXH FANS G-101
φ - TEL		23			24		SUMP PUMP
	5544	25			26	4500	
M-6 SET WELDER 15HP	5544	27	100/3	50/3	28	4500	PANEL "LFB" FUELING BAY
	5544	29			30	3600	
GATE MOTORS 2-½HP, 3φ	528	31		20/1	32		ELECT. D.F.
	528	33	15/3		34		SPARE
	528	35			36		
SPARE		37	20/1		38		

	A	C	B
AMPS / φ	158.7	158.7	142.8
TOTAL KW	19.0	19.0	17.0

PANEL "LFB" GE TYPE NLAB — VOLTAGE 120/208Y, 3φ, 4W — MOUNTING SURFACE — MAIN 100/3P BKR

Load	Watts	Ckt	Bkr	Bkr	Ckt	Watts	Load
LTG	1440	1	20/1	20/1	2		φ
LTG	720	3			4	1440	LTG
LTG	1440	5			6	720	N.L.
SPARE		7			8	910	SUBMERSIBLE TANK PUMP - ¾HP
SUBMERSIBLE TANK PUMP - ¾HP	910	9 *		20/2	10	910	
	910	11	20/2		* 12	910	SUBMERSIBLE TANK PUMP - ¾HP
SUBMERSIBLE TANK PUMP - ¾HP	910	13 *		20/2	14	910	
	910	15	20/2	20/1	16		FUT ENG. GEN.
SPARE		17	20/1	30/1	18	2000	FUT. ENG. GEN. HTR.
SPARE		19	20/1	20/1	20		SPARE

	A	C	B
AMPS / φ	34.8	40.8	49.8
TOTAL KW	4.7	4.9	5.98

* = SHUNT TRIP BREAKERS

REVISIONS

REGISTERED PROFESSIONAL ENGINEER JAMES F. MURAKAMI E-6989 ELECTRICAL STATE OF CALIFORNIA

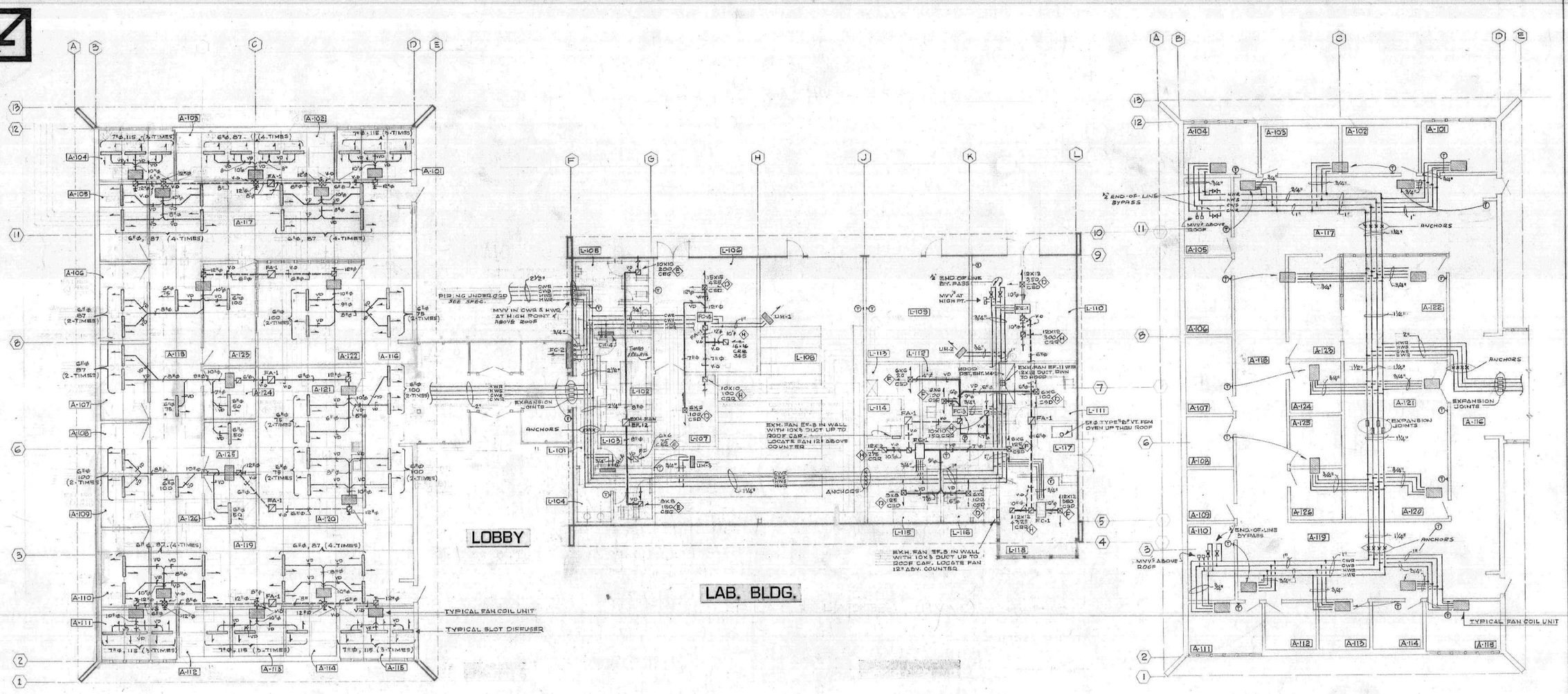
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4662

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES — DRAWN BY JFM NZ — CHECKED BY JFM — DATE 6-11-79 — JOB NUMBER 7822

SHEET NUMBER E6-1 OF INDEX

CITY OF SANTA ROSA FILE No. 79-117 R RECORD PLANS



ADMIN. BLDG. HVAC DUCTWORK

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

NOTES:

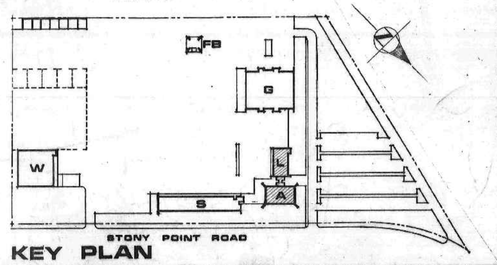
1. ALL SLOT DIFFUSERS ARE TYPE (J) WITH TYPE (L) SUPPLY BOOTS.
2. ALL FAN COIL UNITS ARE TYPE "FC-1", UNLESS OTHERWISE NOTED.

ADMIN. BLDG. HVAC PIPING

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

NOTES:

1. ALL FAN COIL UNITS ARE TYPE "FC-1" UNLESS OTHERWISE NOTED.



KEY PLAN

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY MQ
CHECKED BY JFM
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER
M2-1
OF 4 INDEX

CITY OF SANTA ROSA FILE No. 79 - 117 R

RECORD PLANS

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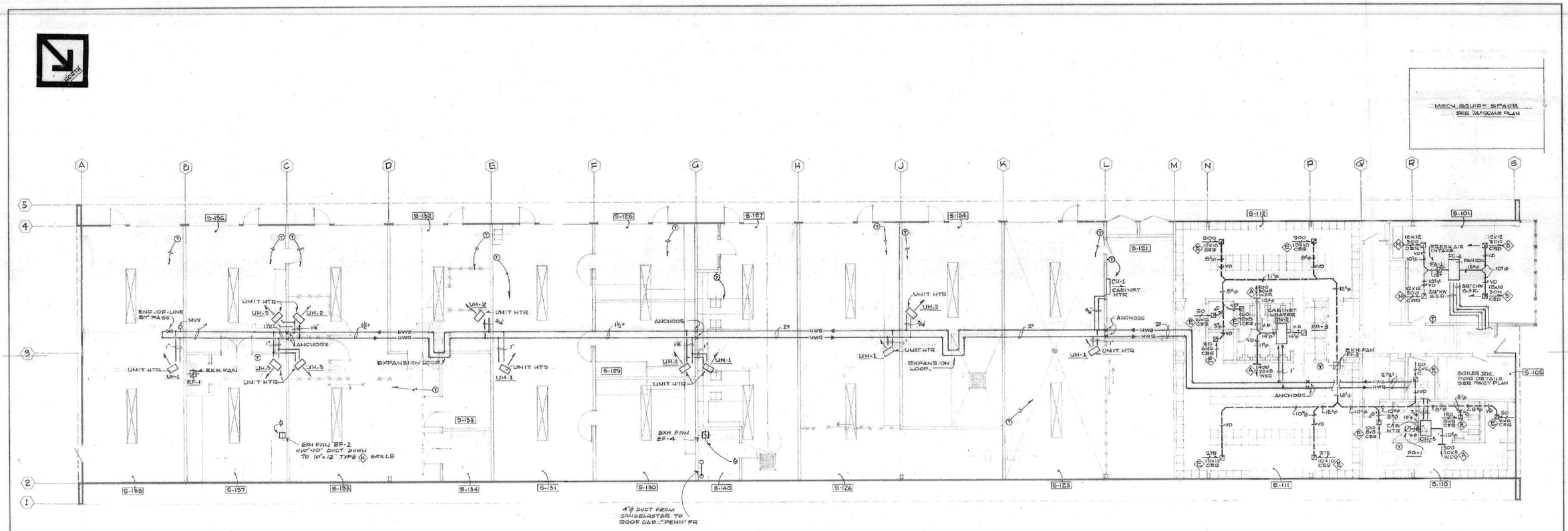
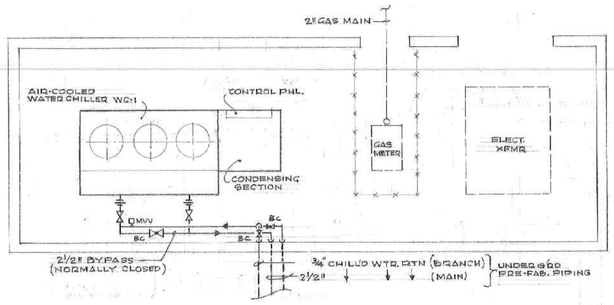
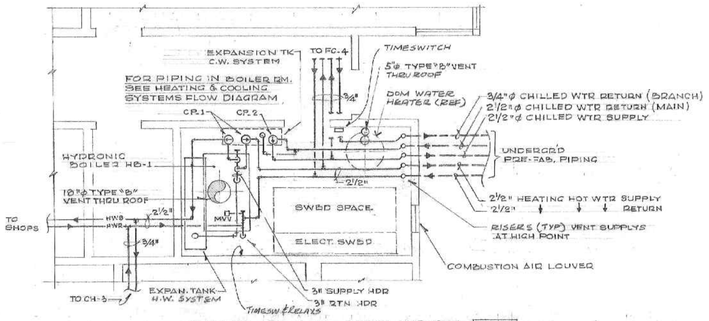


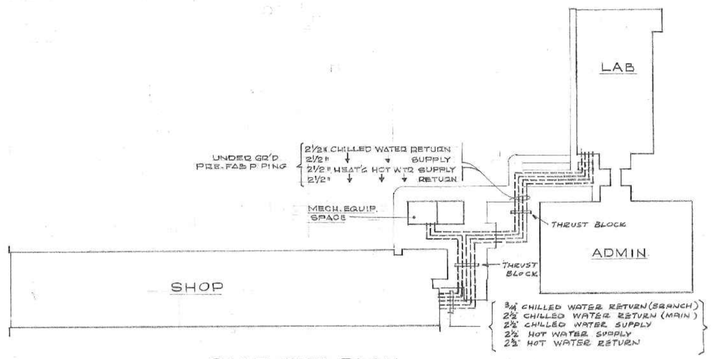
SHOPS BLDG. (HVAC) SCALE: 1/8" = 1'-0"



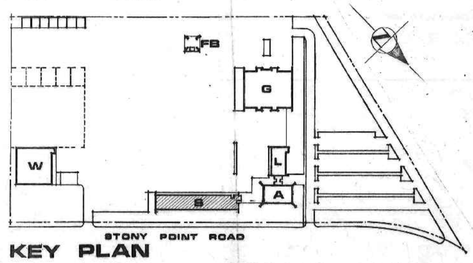
PLAN - MECHANICAL EQUIP. SPACE SCALE: 1/4" = 1'-0"



PART PLAN - BOILER RM. S-105 SCALE: 1/4" = 1'-0"



PART SITE PLAN SCALE: 1" = 40'-0"



KEY PLAN

REVISIONS

REGISTERED PROFESSIONAL ENGINEER JAMES F. MURAKAMI M-12140 MECHANICAL STATE OF CALIFORNIA

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. MGR. BOLLES
DRAWN BY MR NZ
CHECKED BY JFM
DATE 8-11-79
JOB NUMBER 722

SHEET NUMBER M2-2
OF 4 INDEX

CITY OF SANTA ROSA FILE No. 79 - 117R
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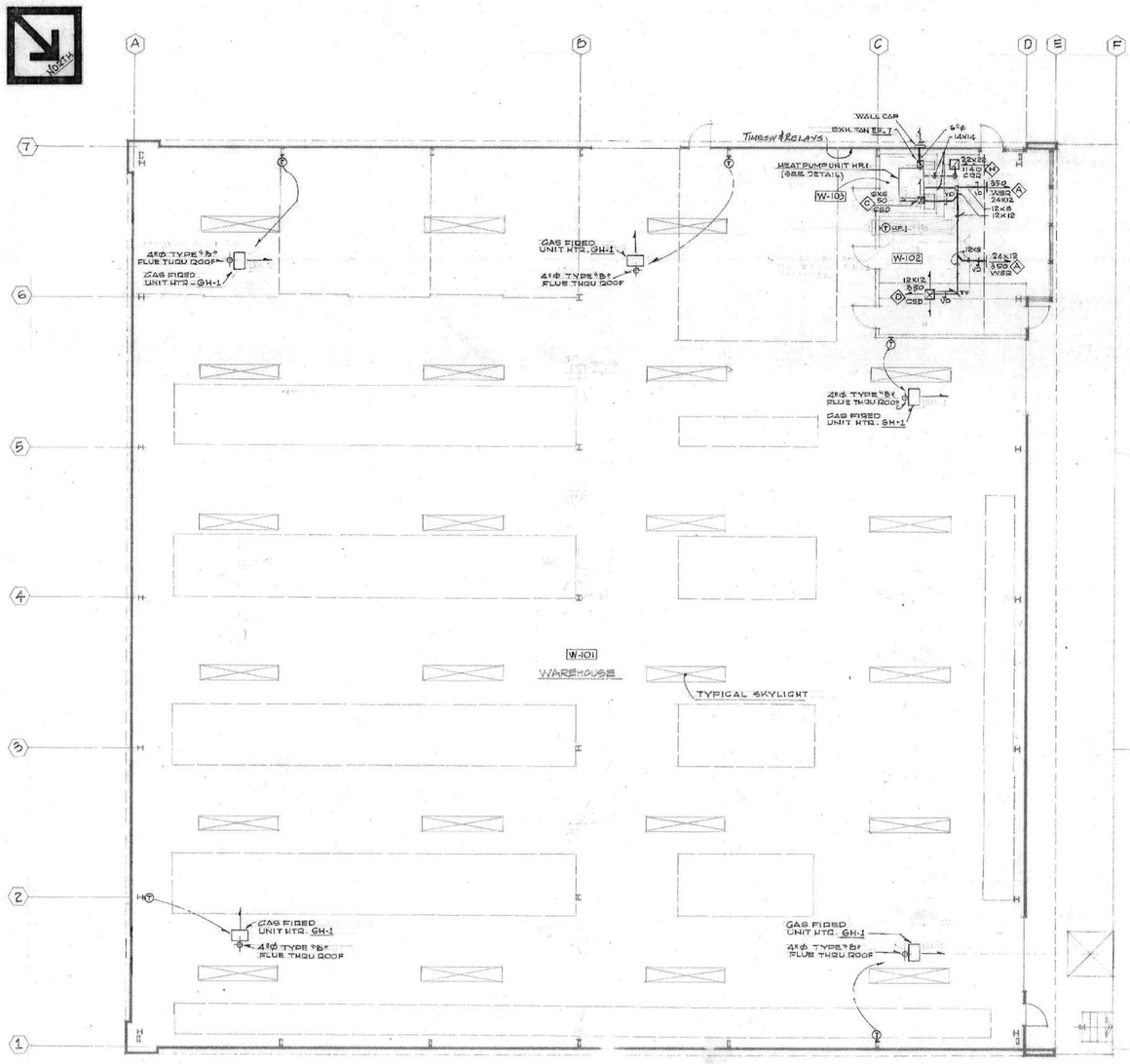
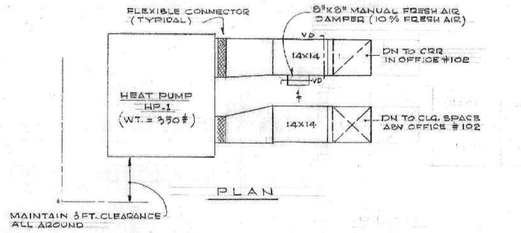
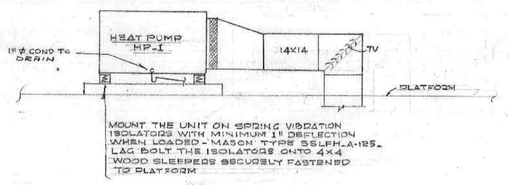


WAREHOUSE (HVAC) SCALE: 1/8" = 1'-0"

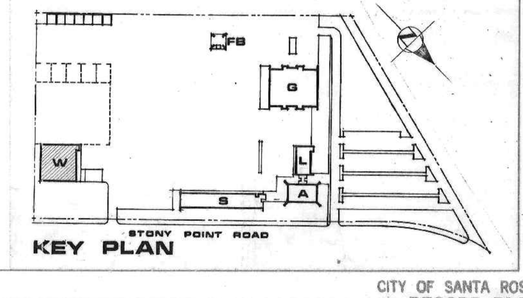
NOTES:
1. MOUNTING HEIGHT OF GAS FIRED UNIT HEATERS: 15 FT. TO BOTTOM OF UNIT.



PLAN



DETAIL OF HEAT PUMP UNIT HP-1 SCALE: 1/2" = 1'-0"



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SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

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M2-3
OF 4

CITY OF SANTA ROSA FILE No. 79-117R
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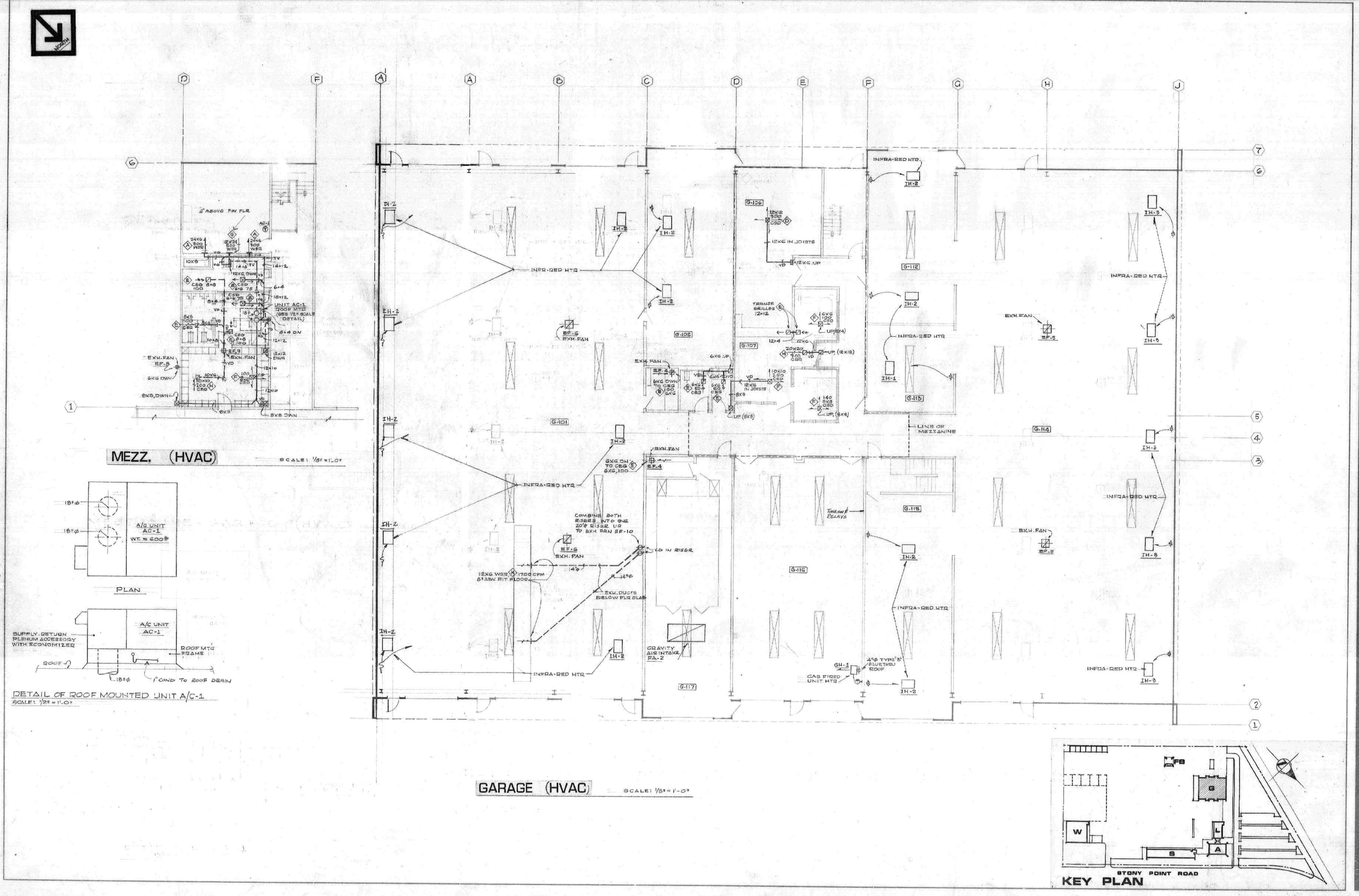

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4882

REGISTERED PROFESSIONAL ENGINEER JAMES F. MURAKAMI M-12140 MECHANICAL STATE OF CALIFORNIA

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

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JOB NO. 722

SHEET NUMBER
M2-4
OF 4 INDEX

CITY OF SANTA ROSA FILE No. 79 - 117R
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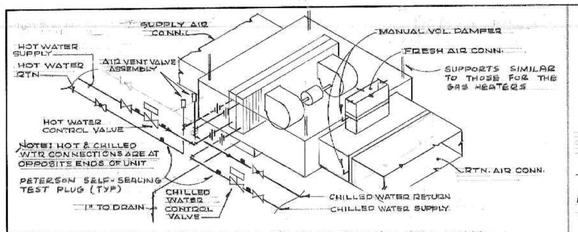
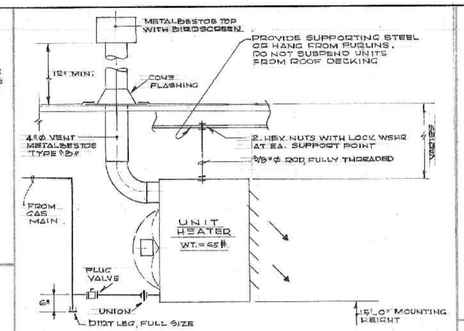
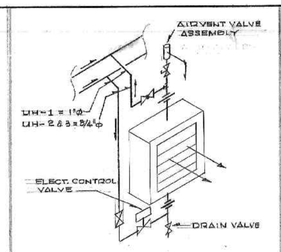


PIPING DIAGRAM - HORIZONTAL CONCEALED FAN-COIL UNIT

NOT TO SCALE

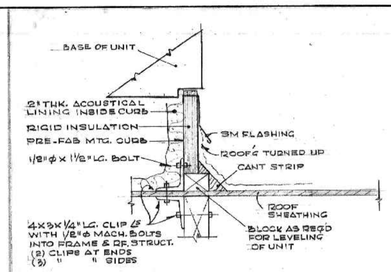


TYPICAL GAS FIRED UNIT HEATER INSTALLATION DETAIL NOT TO SCALE



PIPING DIAGRAM - HOT WATER UNIT HEATER

NOT TO SCALE



DETAIL - UNIT AC-1 ROOF MOUNTING FRAME

NOT TO SCALE

HV & HVAC LEGEND

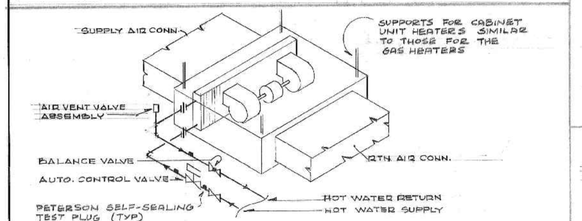
SYMBOL	ABBR	DESCRIPTION	SYMBOL	ABBR	DESCRIPTION
	SA	SUPPLY AIR	S	—	SWITCH - UP 5'0"
	RA EA	RETURN (OR) EXHAUST AIR	SIZE / CFM	CSD	CEILING SUPPLY DIFFUSER
	SD	SUPPLY DUCT	SIZE / CFM	CRR	CEILING RETURN REGISTER
	RD EXH D	RETURN (OR) EXHAUST DUCT	SIZE / CFM	CEG	CEILING EXHAUST GRILLE
	TV	AIR TURNING VANES	SIZE / CFM	WSR	WALL SUPPLY REGISTER
	VD	VOLUME DAMPER	SIZE / CFM	WRR	WALL RETURN REGISTER
	FD	FIRE DAMPER		—	LINEAR SUPPLY DIFFUSER
	FC	FLEXIBLE CONNECTION			
		THERMOSTAT - UP 5'0"			

HYDRONICS LEGEND

SYM.	ABBR.	DESCRIPTION	SYMBOL	ABBR	DESCRIPTION
	CV	CONTROL VALVE		STR	STRAINER
	GV	GATE VALVE		TH	THERMOMETER
	BC	BALANCING COCK		U	UNION
	PG	PRESSURE GAUGE			
	RV	PRESS. RELIEF VALVE	CWS		CHILLED WATER SUPPLY
	CKV	CHECK VALVE	CWR		CHILLED WATER RETURN
	MVV	MANUAL VENT VALVE	HWS		HEATING WATER SUPPLY
	—	FLOW CONTROL VALVE	HWR		HEATING WATER RETURN

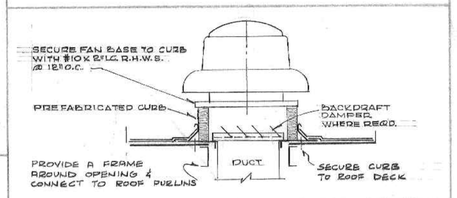
GENERAL NOTES:

1. ALL EQUIPMENT SHALL BE SECURELY FASTENED TO BUILDING STRUCTURE IN A MANNER ACCEPTABLE TO THE ARCHITECT & CALIFORNIA STATE O.A.C. ALL EQUIPMENT SHALL BE SECURELY FASTENED OR ANCHORED TO SUPPORTING STRUCTURAL MEMBERS.
2. ALL DUCTS SHALL BE RUN TO AVOID ARCHITECTURAL OPENINGS, STRUCTURAL MEMBERS, ELECTRICAL FIXTURES & OTHER OBSTRUCTIONS.
3. ALL BRANCH TAKE-OFFS IN SUPPLY & RETURN DUCTWORK SHALL HAVE VOLUME DAMPERS.
4. INCREASE SIZE OF DUCTWORK WHERE ACOUSTICAL LINING IS CALLED FOR TO RETAIN NOTED INSIDE DIMENSIONS.
5. ALL DUCT CONNECTIONS TO AC-UNITS, FANS OR CABINETS SHALL BE WITH FLEXIBLE CONNECTORS.
6. ALL DUCTWORK & PIPING SHALL BE INSTALLED CONCEALED IN FURRED SPACES UNLESS NOTED OTHERWISE.
7. ALL SQUARE ELBOWS IN DUCTWORK SHALL HAVE AIR TURNING VANES.
8. REFER TO MFR'S CERTIFIED DRAWINGS FOR EXACT DIMENSIONS OF ALL EQUIPMENT. ANY CHANGES IN STRUCTURAL, ARCHITECTURAL, PLUMBING OR ELECTRICAL CAUSED BY SUBSTITUTION TO MATERIALS SPECIFIED SHALL BE THE RESPONSIBILITY OF CONTRACTOR MAKING SUBSTITUTION.
9. DRAWINGS ARE DIAGRAMMATIC ONLY - INSTALL TO FIT FIELD CONDITIONS.



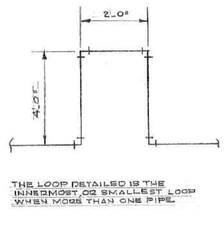
PIPING DIAGRAM - HORIZONTAL CONCEALED CABINET UNIT HEATER

NOT TO SCALE



TYPICAL ROOF EXHAUST FAN MOUNTING DETAIL

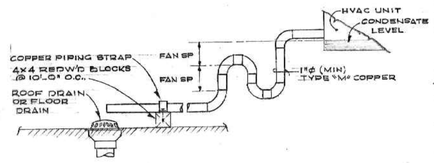
NOT TO SCALE



THE LOOP DETAILED IS THE INNERMOST, OR SMALLEST LOOP WHEN MORE THAN ONE PIPE.

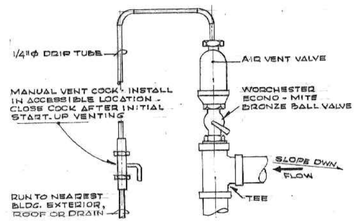
DETAIL EXPANSION LOOP

NOT TO SCALE



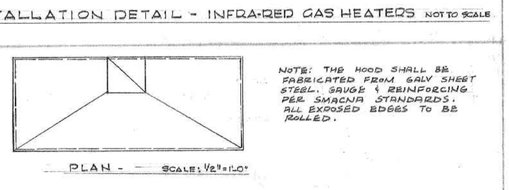
DETAIL - CONDENSATE DRIP DRAIN NOT TO SCALE

FOR UNITS AC-1 & HP-1

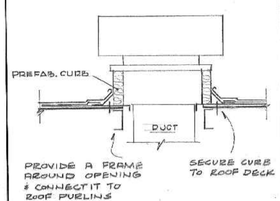


DETAIL - AIR VENT VALVE ASSEMBLY

NOT TO SCALE

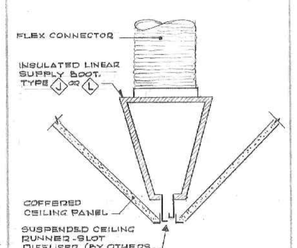


DETAIL - HOOD FOR RM. L-111 SCALE: 1/2" = 1'-0"



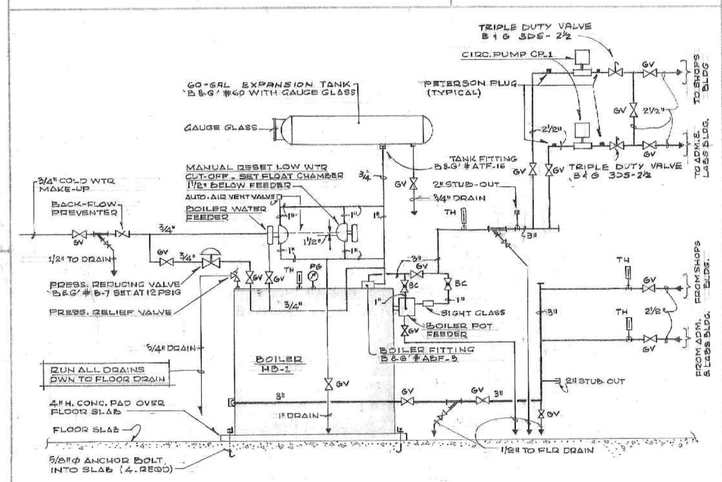
MOUNTING DETAIL FRESH AIR INTAKE - FA-1

NOT TO SCALE

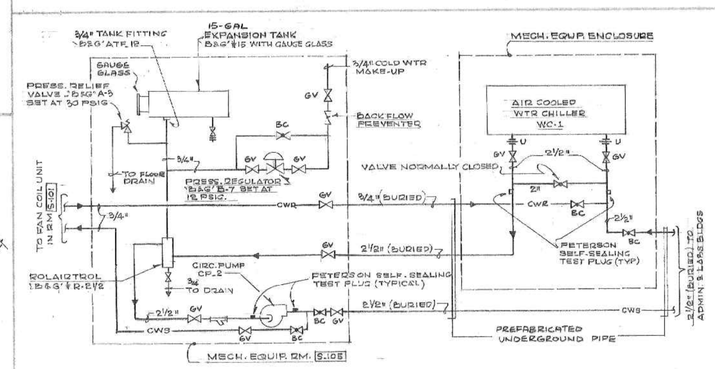


DETAIL - LINEAR SLOT DIFFUSER

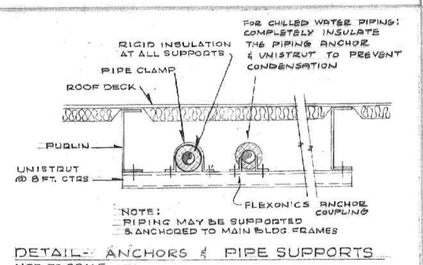
NOT TO SCALE



HOT WATER SYSTEM PIPING DIAGRAM NOT TO SCALE

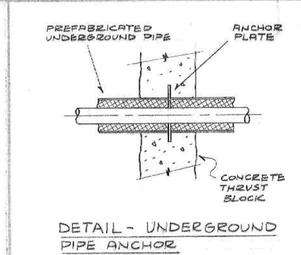


CHILLED WATER SYSTEM PIPING DIAGRAM NOT TO SCALE



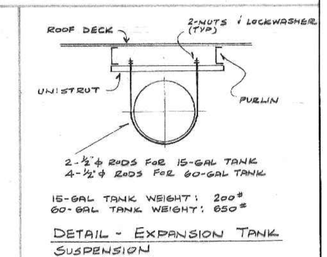
DETAIL - ANCHORS & PIPE SUPPORTS

NOT TO SCALE



DETAIL - UNDERGROUND PIPE ANCHOR

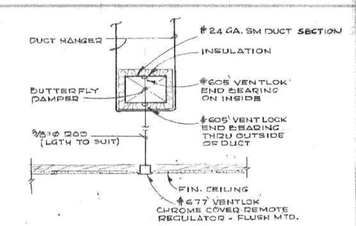
NOT TO SCALE



15-GAL TANK WEIGHT: 200#
60-GAL TANK WEIGHT: 650#

DETAIL - EXPANSION TANK SUSPENSION

NOT TO SCALE



DETAIL - VOLUME DAMPER INSTALLATION NOT TO SCALE

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4622

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJECT NO. 70-1165
DRAWN BY N.Z.
CHECKED BY
DATE 6-11-72
SCALE 1/2"

SHEET NUMBER
M4-1
OF 1 INDEX

CITY OF SANTA ROSA FILE NO. 71 - 117 P
RECORD PLANS
58 OF 72

DIFFUSER, REGISTER & GRILLE SCHEDULE

TYPE	ABBR.	MFR.	MODEL			APPLICATION
A	WSR	KRUEGER	AL 5885-H-OBD			GYPBD (WALL SUPPLY)
B	CSD		SERIES 1102	FRAME-22		GYPBD (CEIL 2-WAY)
C	CSD		SERIES 1102C	FRAME-22		GYPBD (CEIL 2-WAY)
D	CSD		SERIES 1104	FRAME-22		GYPBD (CEIL 4-WAY)
E	CRR		EGC-5-OBD			GYPBD (EXH)
F	CSD		SERIES 1103	FRAME-22		GYPBD (CEIL 3-WAY)
G	WRR		AL-8585-H-OBD			GYPBD (WALL RETURN)
H	CRR		SERIES 1190	FRAME-22		GYPBD (CEIL RETURN)
J	CSD	SCS	SPECIFIED CEILING SYSTEMS CS-102-2		WITH SPECIAL TOP INLET	CEILING MODULAR SLOT SYSTEM
K	WRR	KRUEGER	20L #16 GAUGE			LOW LEVEL EXHAUST
L	CSD	SCS	SPECIFIED CEILING SYSTEMS CS-102-1		WITH SPECIAL TOP INLET	CEILING MODULAR SLOT SYSTEM

HYDRONIC HEATING UNIT SCHEDULE

UNIT NO.	CFM @ HI-SPD	CAP MBH	FAN RPM	WATER GPM	WATER ENT °F	WATER LVG °F	ELECTRICAL HP	ELECTRICAL VOLTS	ELECTRICAL PHASE	MODEL	* ACCESS-ORIES
UH-1	938	43.5	1550	4.4	200	180	1/20	120	1	McQUAY UHH-044A	1,2,3,4
UH-2	780	29.0	1550	2.9	↓	↓	"	↓	↓	UHH-034A	1,2,3,4
UH-3	410	10.0	1550	1.0	↓	↓	1/70	↓	↓	UHH-016A	1,2,3,4
CH-1	300	5.0	1370	0.5	200	180	1/12	120	1	McQUAY CHP 003A, CABINET IE	4,5,6,8,9
CH-2	700	60.0	1260	6.0	↓	↓	268 WATTS	↓	↓	TSH 081D	3,6,7,8,9
CH-3	300	22.0	1035	2.2	↓	↓	66 WATTS	↓	↓	TSH 031D	6,7,8,9
CH-4	165	10.8	890	1.2	↓	↓	95 WATTS	↓	↓	JRY 015B	2,3,5,6,9

* 1. DOUBLE DEFLECTION LOUVERS
2. 3-SPEED CONTROLLER
3. THERMOSTAT W/LOCKING COVER & GUARD
4. UNIT MOUNTED T-STAT & SPEED CONTROLLER
5. RECESSING FLANGE
6. FILTERS
7. RETURN AIR PLENUM
8. PSC MOTOR
9. DISCONNECT SW. ON UNIT

MAJOR EQUIPMENT SCHEDULE

UNIT NO.	DESCRIPTION
HP-1	HEAT PUMP UNIT - CARRIER 50 YQ 036. CAPACITY: 1100 CFM @ 0.35" EXT SP & MEDIUM SPEED. COOLING: 27.6 MBH TOTAL, 26.8 MBH SENSIBLE @ 95 DB & 62 WB AMBIENT. EER = 7.7 HEATING: 35.7 MBH 2 60 DB AMBIENT. ELECTRICAL: UNIT FLA = 18.2 @ 230 V/1ø. MAX FUSE AMPS = 30. ACCESSORIES: THERMOSTAT & SWITCH BASE, TIME GUARD II, HIGH PRESSURE SWITCH, SERVICE SENTRY CONTROL.
AC-1	AIR CONDITIONING UNIT - CARRIER 48 DL 005. CAPACITY: 1640 CFM @ 0.58" EXT SP. COOLING: 40.0 MBH TOTAL @ 95 DB AMBIENT & 65 EWB. EER = 7.2. HEATING: 110.0 MBH INPUT, 82.5MBH OUTPUT. ELECTRICAL: 208V/3ø, UNIT FLA = 28.0. MAX FUSE AMPS = 45. ACCESSORIES: ECONOMIZER CONTROL PACKAGE, SUPPLY-RETURN CASING, FILTERS, ROOM T-STAT W/SUBBASE, ROOF MOUNTING FRAME.
WC-1	AIR COOLED PACKAGED WATER CHILLER - CARRIER 30GA 020. CAPACITY: 18.5 TONS @ 95 DB AMBIENT, 54°F ENTERING CHILLED WATER TEMP, 44°F LEAVING CHILLED WATER TEMP, 45 GPM @ 8' PRESS DROP. ELECTRICAL: 460V/3ø, 41.7 FLA, 51 MIN CIRC AMPS. ACCESSORIES: CHILLED WATER FLOW SWITCH.
HB-1	HYDRONIC BOILER - BRYAN CL-150. CAPACITY: 1,500,000 BTUH GROSS INPUT, 1,200,000 BTUH GROSS OUTPUT, 1,042,000 BTUH NET IBR. FUEL: NATURAL GAS, 1500 CFH. ACCESSORIES: STANDARD TRIM FOR WATER, MANUAL RESET LOW WATER CUT-OFF, BOILER WATER FEEDER, BOILER CHEMICAL POT FEEDER, CAL. APPROVED GAS TRAIN.
CP-1	CIRCULATING PUMP - BELL & GOSSETT SERIES 60-2A WITH 6" IMPELLER. CAPACITY: 47 GPM @ 33' HEAD & 1750 RPM. ELECTRICAL: 1½ HP 208V/3ø. ACCESSORIES: BRONZE FITTED.
CP-2	CIRCULATING PUMP - BELL & GOSSETT SERIES 60-2A WITH 6" IMPELLER. CAPACITY: 45 GPM @ 35' HEAD & 1750 RPM. ELECTRICAL: 1½HP 208V/3ø. ACCESSORIES: BRONZE FITTED.

FAN & VENT CAP SCHEDULE

UNIT NO:	MODEL	CFM	S.P. W.G.	RPM	ELECTRICAL HP	ELECTRICAL VOLTS	ELECTRICAL PHASE	PREFAB ROOF CURB *	ACCESSORIES *
EF-1	PENN XQ60L	100	.125	1100	1/25	120	1	UNIBEAM SERIES X	1,2,3,5,6,8,9
EF-2	PENN BB 45	300	.250	600	1/6	↓	↓	SERIES BB	1,2,3,5,6,8,9
EF-3	PENN BB 531	1460	.375	940	1/3	↓	↓	SERIES BB	1,2,3,8
EF-4	PENN XQ 60L	100	.250	1450	1/25	↓	↓	SERIES X	1,2,3,5,6,8,9
EF-5	PENN CB 18	3000	.125	670	1/3	↓	↓	SERIES CB	1,2,3
EF-6	PENN CB 18	2400	.125	560	1/4	↓	↓	SERIES CB	1,2,3
EF-7	PENN ZEPHYRETTE	50	.125	1200	50 WATTS	↓	↓	—	4
EF-8	PENN ZJ-1	100	.250	1200	105 WATTS	↓	↓	—	7,9
EF-9	PENN BB 45	500	.375	800	1/6	↓	↓	UNIBEAM SERIES BB	1,2,3,8
EF-10	↓ LB 24	3500	↓	585	1/2	↓	↓	LB	1,2,3,5,6,8
EF-11	↓ BB 45	1125	.125	800	1/6	↓	↓	BB	1,2,3,8,9,10
EF-12	PENN BB 45	425	.250	640	1/6	↓	↓	SERIES BB	1,2,3,8
FA-1	PENN AIRETTE 12 X 12 THROAT	VARIES	-	-	-	-	-	UNIBEAM	3,8
FA-2	PENN PENNHOUSE 48"W X 102"L.X 54"H.	12,400	-	-	-	-	-	↓	↓
GN-1	GOOSENECK	±50	—	—	—	—	—	—	—
FA-3	PENN AIRETTE 12X12 THROAT	VARIES						UNIBEAM	3,8

* ACCESSORIES:
1. BACKDRAFT DAMPER
2. SAFETY DISCONNECT
3. BIRDSCREEN
4. WALL CAP
5. NON-SPARKING FAN
6. EXPLOSION PROOF MOTOR
7. ROOF CAP ICE/FR
8. PREFABRICATED ROOF CURB
9. SOLID STATE SPEED CONTROLLER (MOUNT 6FT. ABV. FLOOR.
10. 2-SPEED MOTOR

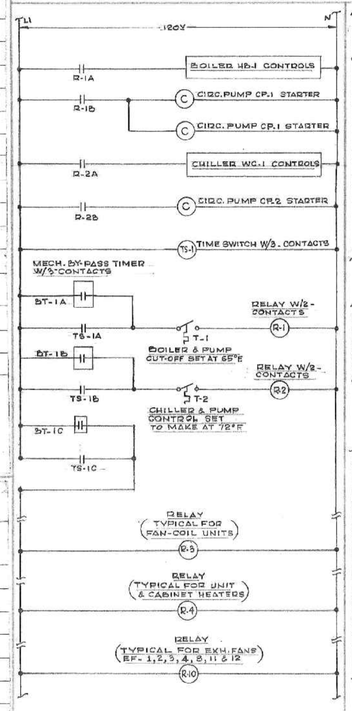
GAS HEATER SCHEDULE

UNIT NO:	MFR	CFM	NATURAL GAS @ 7"wc INPUT	NATURAL GAS @ 7"wc OUTPUT	ELECTRICAL HP	ELECTRICAL VOLTS	ELECTRICAL PHASE	MODEL	ACCESSORIES *
IH-1	RAY-TEC	-	25,000	25,000	-	120	1	RT-25-NDS	1,3,4
IH-2	RAY-TEC	-	33,500	33,500	-	120	1	RT-33-NDS	1,3,4
IH-3	RAY-TEC	1	100,000	100,000	-	120	1	RT-99-NDS	1,3,4
GH-1	REZNOR	680	60,000	48,000	88 WATTS	120	1	XL-60	1,2,4

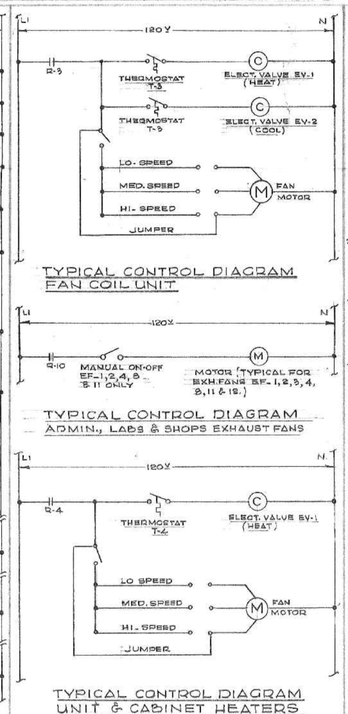
* ACCESSORIES
1. DIRECT SPARK IGNITION 2. 24V THERMOSTAT W/LOCKING COVER & GUARD 3. WALL MOUNTED FUSED CONTROL SWITCH - FLUSH MOUNTED
4. DISCONNECT SW. ON UNIT

FAN-COIL SCHEDULE

UNIT NO.	MAKE	CFM/ EXT.S.P.	HEATING COIL GPM/PD	HEATING COIL ENT WATER	HEATING COIL LVG WATER	HEATING COIL MBH	HEATING COIL ROWS	COOLING COIL GPM/PD	COOLING COIL ENT WATER	COOLING COIL LVG WATER	COOLING COIL SENS MBH	COOLING COIL TOTAL MBH	COOLING COIL ROWS	ELECTRICAL WATTS	ELECTRICAL VOLTS	ELECTRICAL PHASE	MODEL	* ACCESSORIE	*ACCESSORIES
FC-1	CARRIER	350/.15	1.5/1.5	200	180	15.0	1	2.0/1.5	44	54	8.06	9.52	4	325	120	1	42CE SIZE - 5	1,2,3,4,5,6,7	1. RETURN AIR PLENUM 2. FILTER 3. ELECTRIC VALVE PACKAGE (2-WAY VALVES) 4. AUXILIARY DRAIN PAN 5. PSC MOTOR 6. THERMOSTAT W/LOCKING COVER & GUARD 7. DISCONNECT SW. ON UNIT
FC-2	↓	700/-	3.0/2.0	↓	↓	30.0	2	2.5/2.0	44	54	10.55	11.50	3	270	120	1	42VB SIZE - 6	2,3,5,6,7	
FC-3	↓	220/.15	1.0/2.5	↓	↓	10.0		1.3/3.0	44	54	5.29	6.43	4	210	120	1	42CE SIZE - 4	1,2,3,4,5,6,7	
FC-4	↓	590/.15	2.0/2.75	↓	↓	20.0	1	2.6/2.0	44	54	13.12	14.51	4	340	120	1	42CE SIZE - 6	1,2,3,4,5,6,7	



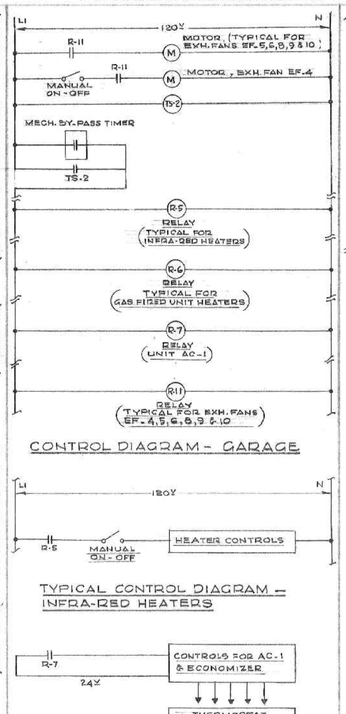
PROGRAM CONTROL DIAGRAM
ADMIN. LABS & SHOPS



TYPICAL CONTROL DIAGRAM
FAN COIL UNIT

TYPICAL CONTROL DIAGRAM
ADMIN., LABS & SHOPS EXHAUST FANS

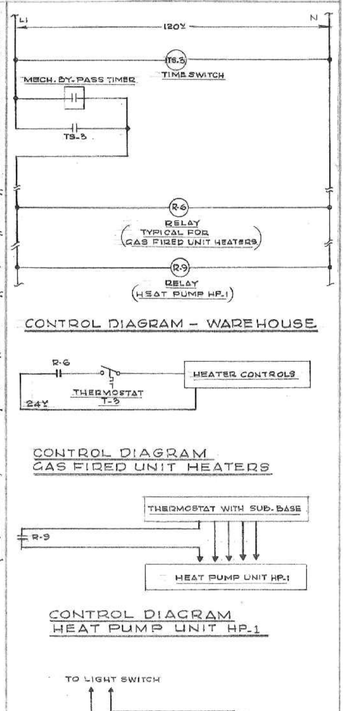
TYPICAL CONTROL DIAGRAM
UNIT & CABINET HEATERS



CONTROL DIAGRAM - GARAGE

TYPICAL CONTROL DIAGRAM -
INFRA-RED HEATERS

CONTROL DIAGRAM - AC UNIT AC-1



CONTROL DIAGRAM - WAREHOUSE

CONTROL DIAGRAM
GAS FIRED UNIT HEATERS

CONTROL DIAGRAM
HEAT PUMP UNIT HP-1

CONTROL DIAGRAM
EXHAUST FAN - WRHSE

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4858

REVISIONS

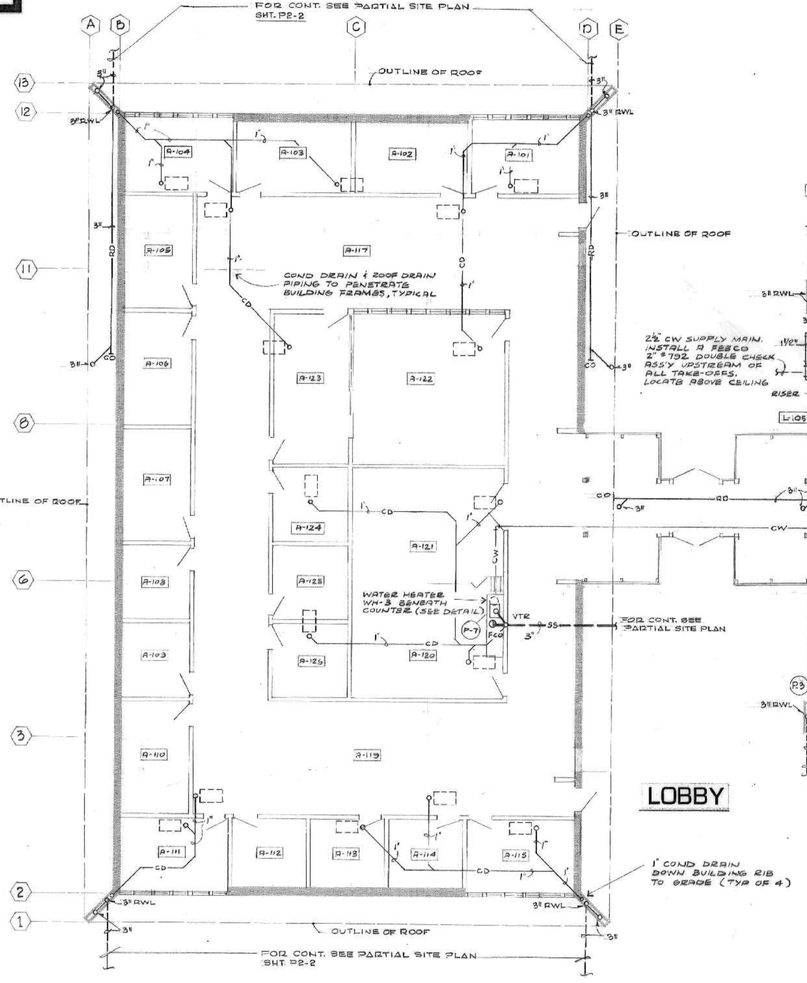
JAMES F. MURAKAMI M-12140 MECHANICAL STATE OF CALIFORNIA

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJECT NO. 7905.6
DRAWN BY: N.Z.
CHECKED BY:
DATE: 11-79
SCALE: NONE

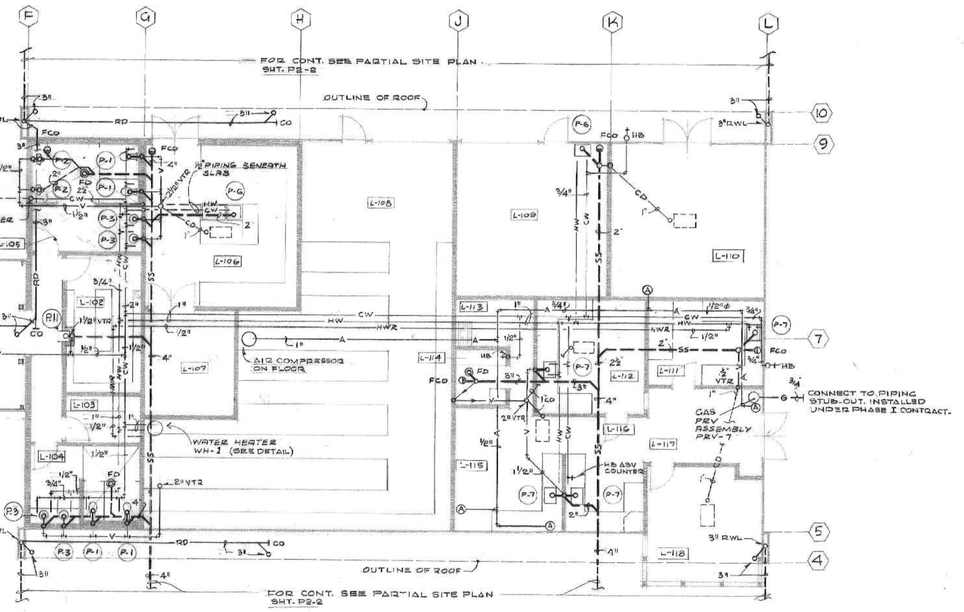
SHEET NUMBER
M0-1
OF 1 INDEX

CITY OF SANTA ROSA FILE No. 79-117 R
RECORD PLANS



ADMIN. BLDG. (PLUMBING) SCALE: 1/8" = 1'-0"

NOTE: VERIFY STUB-OUT LOCATIONS & INVERTS FOR ADM & LAB BLDGS PRIOR TO INSTALLATION

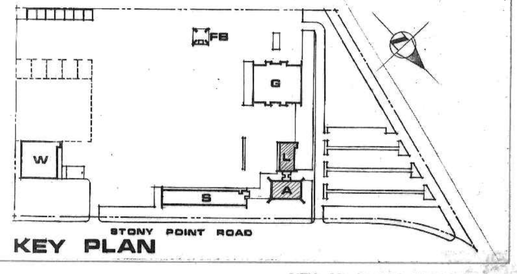


LAB. BLDG. (PLUMBING) SCALE: 1/8" = 1'-0"

MAJOR EQUIPMENT SCHEDULE	
UNIT NO.	DESCRIPTION
SP-1	SUMP PUMP. KENCO SUBMERSIBLE PUMP #59A. CAPACITY: 5-GPM @ 15' HEAD. ELECTRICAL: 1/4 HP, 120V/1Ø. ACCESSORIES: AUTOMATIC LEVEL CONTROL. BUILT-IN CHECK VALVE.
WH-2	WATER HEATER. NATIONAL CONSERVATION/ST T8-100 INPUT: NATURAL GAS, 90,000 BTUH RECOVERY: 78.6 GPH @ 100°F RISE STORAGE: 100 GALLONS ACCESSORIES: ASME RELIEF VALVE ELECTRONIC SPARK IGNITION
WH-3	WATER HEATER. NATIONAL SELS - 1½ INPUT: ELECTRIC, 750 WATTS, 120V/1Ø STORAGE: 1.5 GALLONS ACCESSORIES: ASME RELIEF VALVE
WH-1	WATER HEATER. A.O. SMITH PEC-50 INPUT: ELECTRIC, 2-4500 WATT NON-SIMULTAENOUS, 230V/1Ø RECOVERY: 18.5 GPH @ 100°F RISE STORAGE: 50 GALLONS ACCESSORIES: ASME RELIEF VALVE
RP-1	RECIRCULATING PUMP. BELL & GOSSETT SERIES 100 BRONZE BOOSTER. CAPACITY: 1- GPM @ 7.5' HEAD & 1750 RPM ELECTRICAL: 1/12 HP 120V/1Ø

SCHEDULE OF LOCAL CONNECTIONS

TAG	DESCRIPTION	SOIL OR WASTE	VENT	COLD WATER	HOT WATER
P1	WATER CLOSET	4"	2"	1"	-
P2	URINAL	2"	1½"	¾"	-
P3	LAVATORY - COUNTER TOP		1½"	½"	½"
P4	LAVATORY - WALL MOUNTED		1½"		
P5	SERVICE SINK		2"		
P6	SINK		2"		
P7	COUNTER TOP SINK		1½"		
P8	HANDICAPPED SHOWER				
P9	REGULAR SHOWER				
P10	KITCHEN UNIT				
P11	DRINKING FOUNTAIN				
HB	HOSE BIBB	-	-	¾"	-
HR	HOSE REELS	-	-	½"	-
FD	FLOOR DRAIN	3"	2"	-	-
P12	DROP INLET BASIN	SEE PLAN	—	—	—
P13			—	—	—
P14			—	—	—



KEY PLAN

PLUMBING NOTES

1. PLUMBING PLAN IS DIAGRAMMATIC AND NOT INTENDED AS A COMPLETE PLAN. ALL WORK, PIPE FITTINGS, ETC. SHALL CONFORM TO ALL REQUIREMENTS OF LOCAL ADMINISTRATIVE AUTHORITY, TITLE 24 AND THE LATEST EDITION OF THE UNIFORM PLUMBING CODE AND ALL ADDITIONS AND REVISIONS.
2. PROVIDE ALL TRIM NECESSARY FOR THE CORRECT OPERATION OF ALL FIXTURES AND EQUIPMENT.
3. ALL PIPING SHALL BE INSTALLED WITH AMPLE PROVISIONS FOR EXPANSION AND CONTRACTION.
4. SLOPE ALL SOILS AND WASTE LINES WITHIN BUILDINGS A MINIMUM OF 1/4" PER FOOT. SLOPE EXTERIOR LINES A MINIMUM OF 1/8" PER FOOT U.O.N. BY INVERT GRADES SHOWN OR INDICATED.
5. ALL SOIL AND WASTE LINES WITHIN BUILDINGS SHALL BE CAST IRON TO A POINT AT LEAST 5 FT. OUTSIDE OF BUILDINGS, LINES BEYOND MAY BE TRANSITE.
6. ALL EXTERIOR LINES AND PIPING, WHERE NOT ESTABLISHED BY NOTED GRADES, SHALL HAVE A MINIMUM COVER OF 24" FROM CROWN TO FINISH GRADE.
7. ALL PIPING SHALL BE RUN TO AVOID ARCHITECTURAL OPENINGS, STRUCTURAL MEMBERS, FIXTURES & OTHER OBSTRUCTIONS.
8. ALL PIPING, EXCEPT WASTE, SHALL BE RUN CONCEALED IN PARTITIONS, WALLS, FURRED SPACES OR BELOW FLOOR U.O.N. OR INDICATED.
9. PROVIDE CLEAN-OUT TO GRADE (C.O.T.G.) @ 100 FT. INTERVALS MAXIMUM ON ALL EXTERIOR SANITARY SEWER LINES.
10. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES. FURNISH & INSTALL ALL FIXTURES SHOWN ON ARCH. DWGS, REGARDLESS.
11. DO NOT SCALE FLOOR PLAN DRAWINGS FOR EXACT LOCATION OF PIPE RUNS - INSTALL TO BEST SUIT FIELD CONDITIONS.
12. GANG FIXTURE VENTS WHENEVER POSSIBLE IN ORDER TO MINIMIZE NUMBER OF ROOF PENETRATIONS.
13. FOR WATER METER BOX INSTALLATION, SEE CITY OF SANTA ROSA STD-812

PLUMBING LEGEND

SYMBOL	ABBR.	DESCRIPTION
—◯—	FCO	FLUSH CLEAN-OUT
—◧—	COTG	CLEAN-OUT TO GRADE
—⊣—	WCO	WALL CLEAN-OUT
—CW—	—	COLD WATER PIPING
—HW—	—	HOT WATER PIPING
—V—	VT	VENT PIPING
------	S OR W	SOIL OR WASTE PIPING
—◎—	FD	FLOOR DRAIN
⊶	HB	HOSE BIBB
▼	SOV	SHUT-OFF VALVE
—⊠—	SOV IN CB	SHUT-OFF VALVE IN CONCRETE BOX
—	VTR	VENT THRU ROOF
—‖—	—	PIPING CONNECTION POINT
—HWR—	—	HOT WATER RETURN PIPING
—G—	—	GAS PIPING
—A—	—	AIR PIPING
—ST—	—	STORM DRAIN
—FP—	—	FIRE PROTECTION PIPING
—SS—	—	SANITARY SEWER
RD	—	ROOF DRAIN
RWL	—	RAIN WATER LEADER
CB	—	CATCH BASIN
(A)	—	COMPRESSED AIR OUTLET - UP 48"
CO	—	CLEAN OUT
—CD—	—	CONDENSATE DRAIN PIPING

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
E.F. SIEBERT
G.B. BOLLES
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

REVISIONS

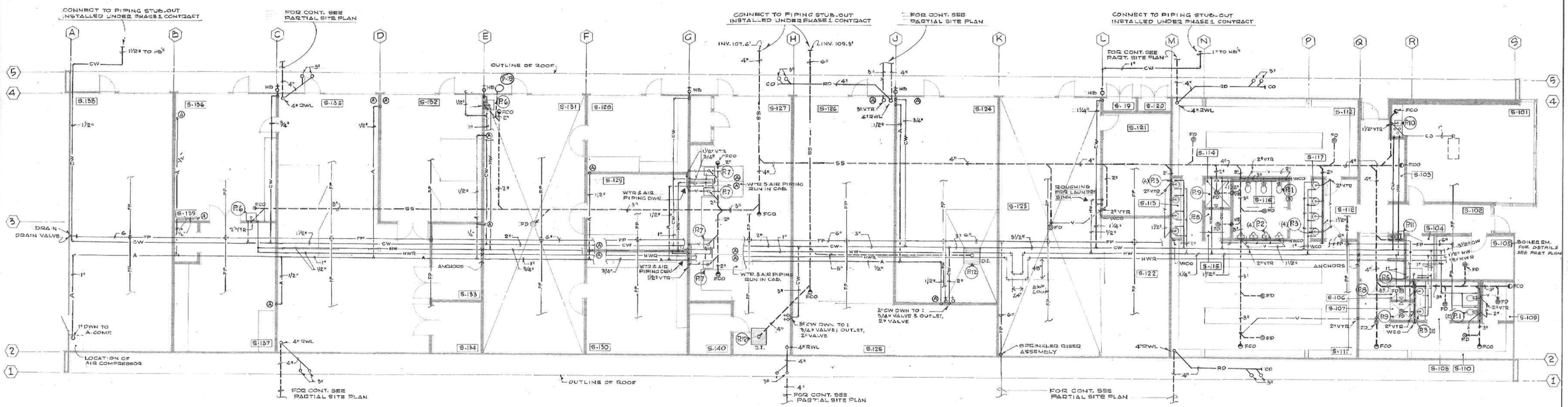
JAMES S. HARDAMAN No. 12240 MECHANICAL STATE OF CALIFORNIA

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJECT NO. 8015 | DRAWN BY MB | CHECKED BY JPM | DATE 9-11-79 | JOB NO. 122

SHEET NUMBER P2-1 OF 4 SHEETS

CITY OF SANTA ROSA FILE NO. 79-117A
RECORD PLANS 59 OF 72



SHOPS BLDG. (PLUMBING) SCALE: 1/8" = 1'-0"

NOTE: FIRE SPRINKLER CONTRACTOR TO SUPPLY APPROVED PIPING DRAWINGS - SEE SPECS.

PART SITE PLAN (PLUMBING) SCALE: 1" = 40'-0"

NOTE: VERIFY ALL STUB-OUTS & INVERTS PRIOR TO INSTALLATION

PART PLAN - BOILER ROOM S-105

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

KEY PLAN

REVISIONS

REGISTERED PROFESSIONAL ENGINEER JAMES F. MURAKAMI M-12140 MECHANICAL STATE OF CALIFORNIA

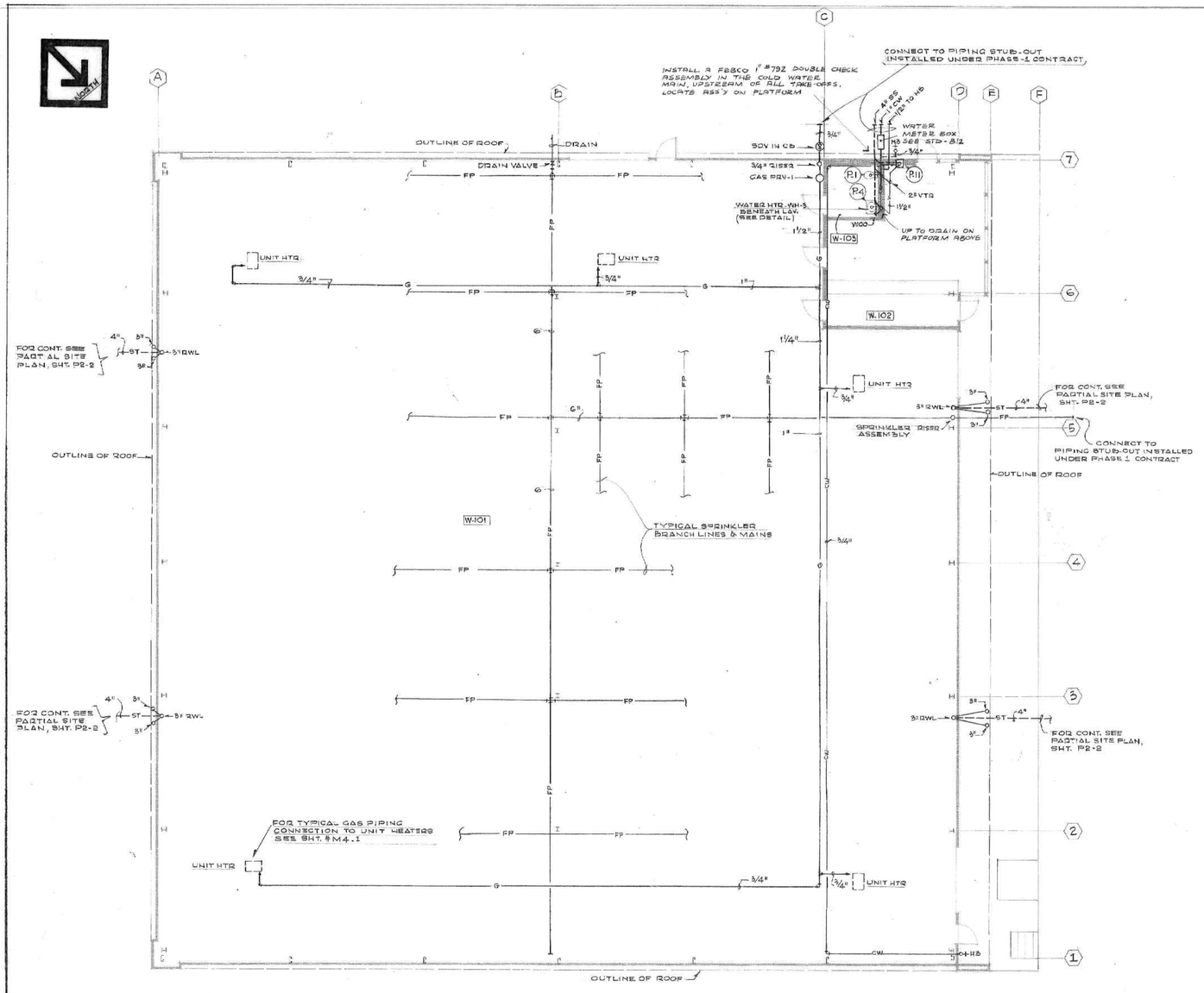
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4552

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY VR
CHECKED BY JFM
DATE 6-11-79
JOB NUMBER 722

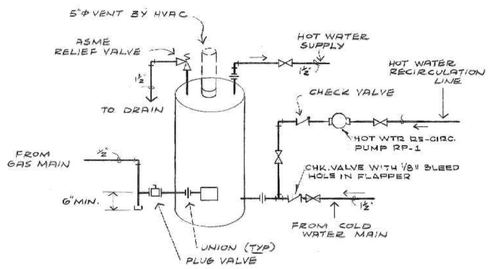
SHEET NUMBER
P2-2
OF 4 INDEX

CITY OF SANTA ROSA FILE No. 79-117 R
RECORD PLANS 60 OF 72

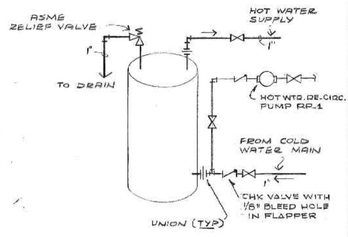


WAREHOUSE (PLUMBING) SCALE: 1/8" = 1'-0"

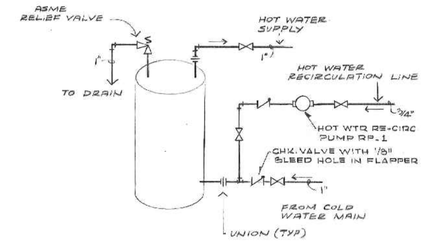
NOTE: 1. FIRE SPRINKLER CONTRACTOR TO SUPPLY APPROVED PIPING DRAWINGS - SEE SPECS.
2. VERIFY STUB-OUT LOCATIONS & INVERTS PRIOR TO INSTALLATION



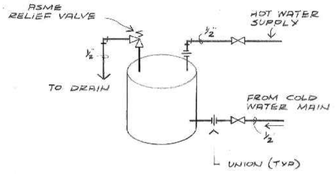
PIPING DETAIL - DOM. WATER HEATER WH-2
SCALE: NONE



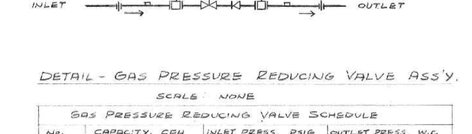
PIPING DETAIL - DOM. WATER HEATER WH-1 (GARAGE)
SCALE: NONE



PIPING DETAIL - DOM. WATER HEATER WH-1 (LAB)
SCALE: NONE

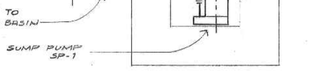


PIPING DETAIL - DOM. WATER HEATER WH-3
SCALE: NONE

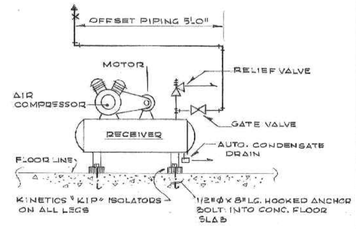


DETAIL - GAS PRESSURE REDUCING VALVE ASS'Y.
SCALE: NONE

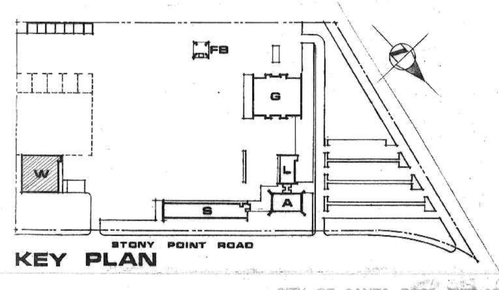
GAS PRESSURE REDUCING VALVE SCHEDULE			
NO.	CAPACITY, CFH	INLET PRESS. PSIG	OUTLET PRESS. W.C
PRV-1	300	3	7"
PRV-2	650	3	7"
PRV-3	462	3	7"
PRV-4	425	3	7"
PRV-5	757	3	7"
PRV-6	1600	3	7"
PRV-7	25	3	7"



DETAIL - SUMP PUMP SP-1
SCALE: 3/4" = 1'-0"



TYPICAL DETAIL - AIR COMPRESSOR PIPING & INSTALLATION NOT TO SCALE



KEY PLAN

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
6010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4832

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

JAMES F. MURAKAMI M-12240 MECHANICAL

DRAWN BOLLES | CHECKED NE | PROJECT ENGINEER JFM | DATE 6-11-79 | JOB NUMBER 722

SHEET NUMBER P2-3

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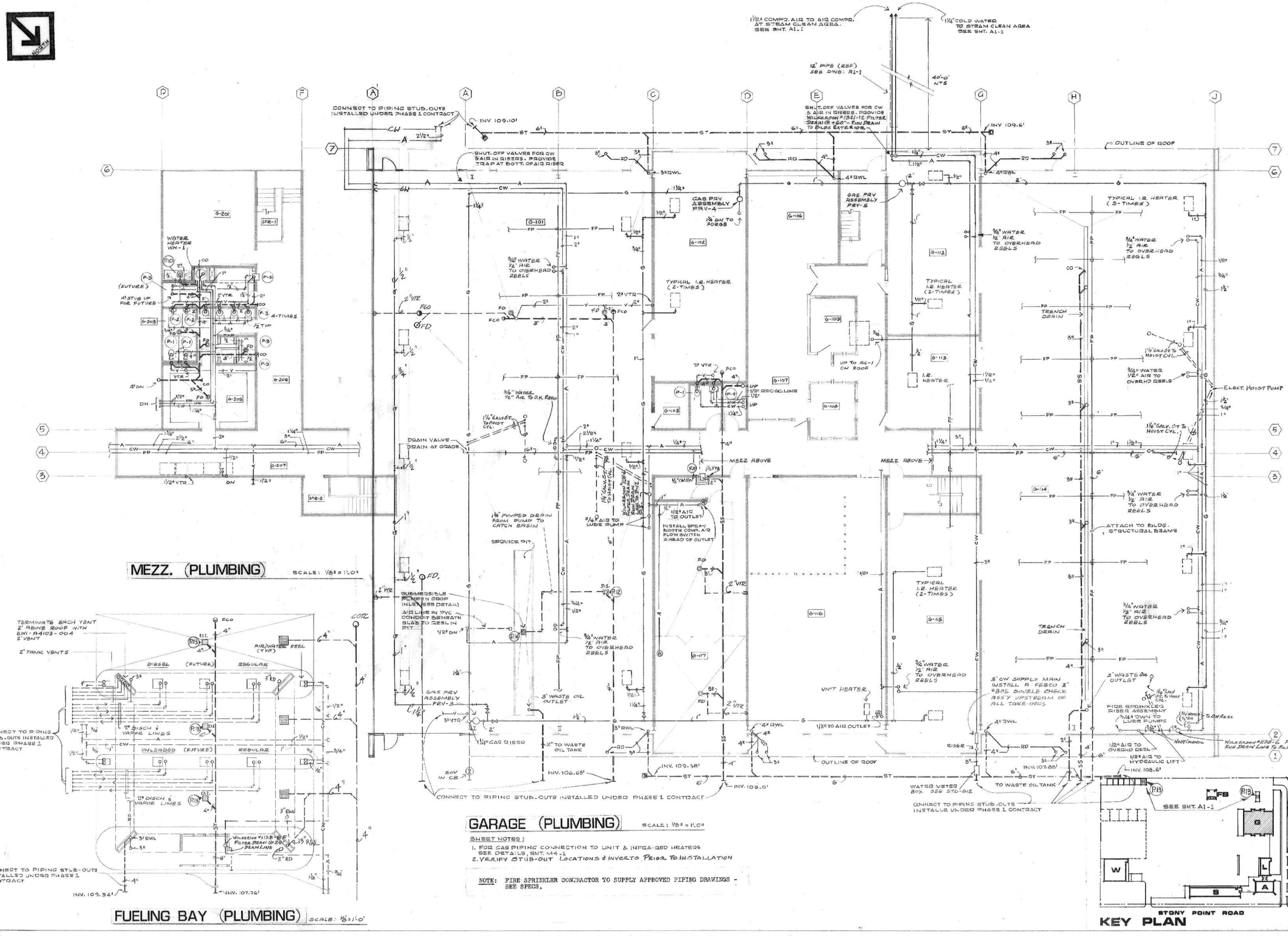
CITY OF SANTA ROSA, FILE No. 79-117R
RECORD PLANS 61 OF 72



MEZZ. (PLUMBING)

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

FUELING BAY (PLUMBING)

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

GARAGE (PLUMBING)

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

SHEET NOTES:

1. FOR GAS PIPING CONNECTION TO UNIT & INFRA-RED HEATERS SEE DETAILS, SHT. M4-1
2. VERIFY STUB-OUT LOCATIONS & INVERTS PRIOR TO INSTALLATION

NOTE: FIRE SPRINKLER CONTRACTOR TO SUPPLY APPROVED PIPING DRAWINGS - SEE SPECS.

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES, ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE, POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4552

REGISTERED PROFESSIONAL ENGINEER JAMES F. MURAKAMI M-12140 MECHANICAL STATE OF CALIFORNIA

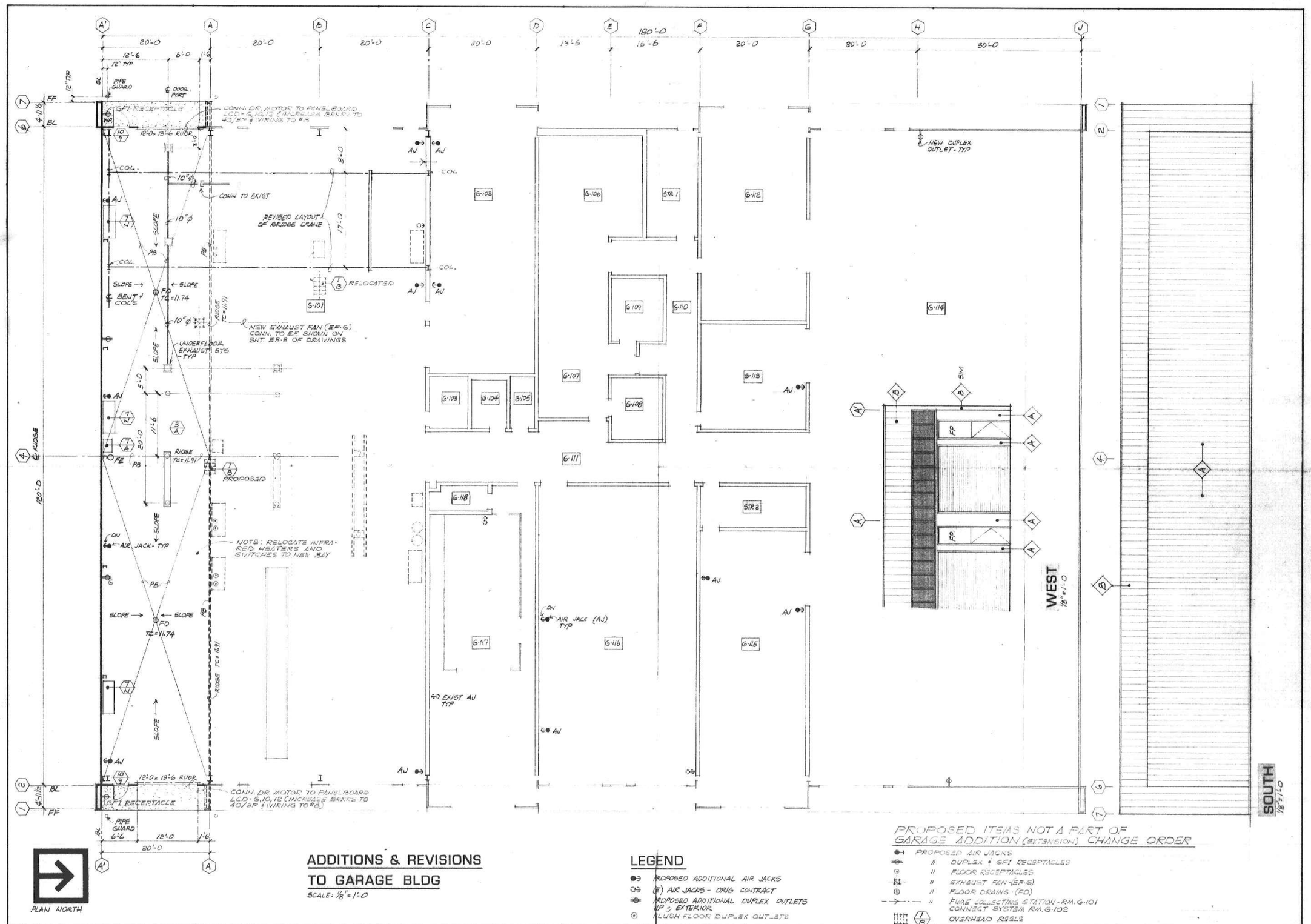
SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJECT NO. 7712
DRAWN BY KG
CHECKED BY JFM
DATE 6-11-79
JOB NUMBER 7712

SHEET NUMBER P2-4

SHEET 4 OF

CITY OF SANTA ROSA FILE No. 79-117P
RECORD PLANS 62 OF 72



ADDITIONS & REVISIONS TO GARAGE BLDG

SCALE: 1/8"=1'-0

LEGEND

- PROPOSED ADDITIONAL AIR JACKS
- (E) AIR JACKS - ORIG CONTRACT
- PROPOSED ADDITIONAL DUPLEX OUTLETS W/P, EXTERIOR
- FLUSH FLOOR DUPLEX OUTLETS

PROPOSED ITEMS NOT A PART OF GARAGE ADDITION (EXTENSION) CHANGE ORDER

- PROPOSED AIR JACKS
- " DUPLEX & GFI RECEPTACLES
- " FLOOR RECEPTACLES
- " EXHAUST FAN-(EF-6)
- " FLOOR DRAINS-(FD)
- " FUME COLLECTING STATION-RM. G-101 CONNECT SYSTEM RM. G-102
- OVERHEAD REELS

JEFFRIES BOLLES SIEBERT
ARCHITECTS
P. O. BOX 1000
SANTA ROSA
CALIF. 95402
707-542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

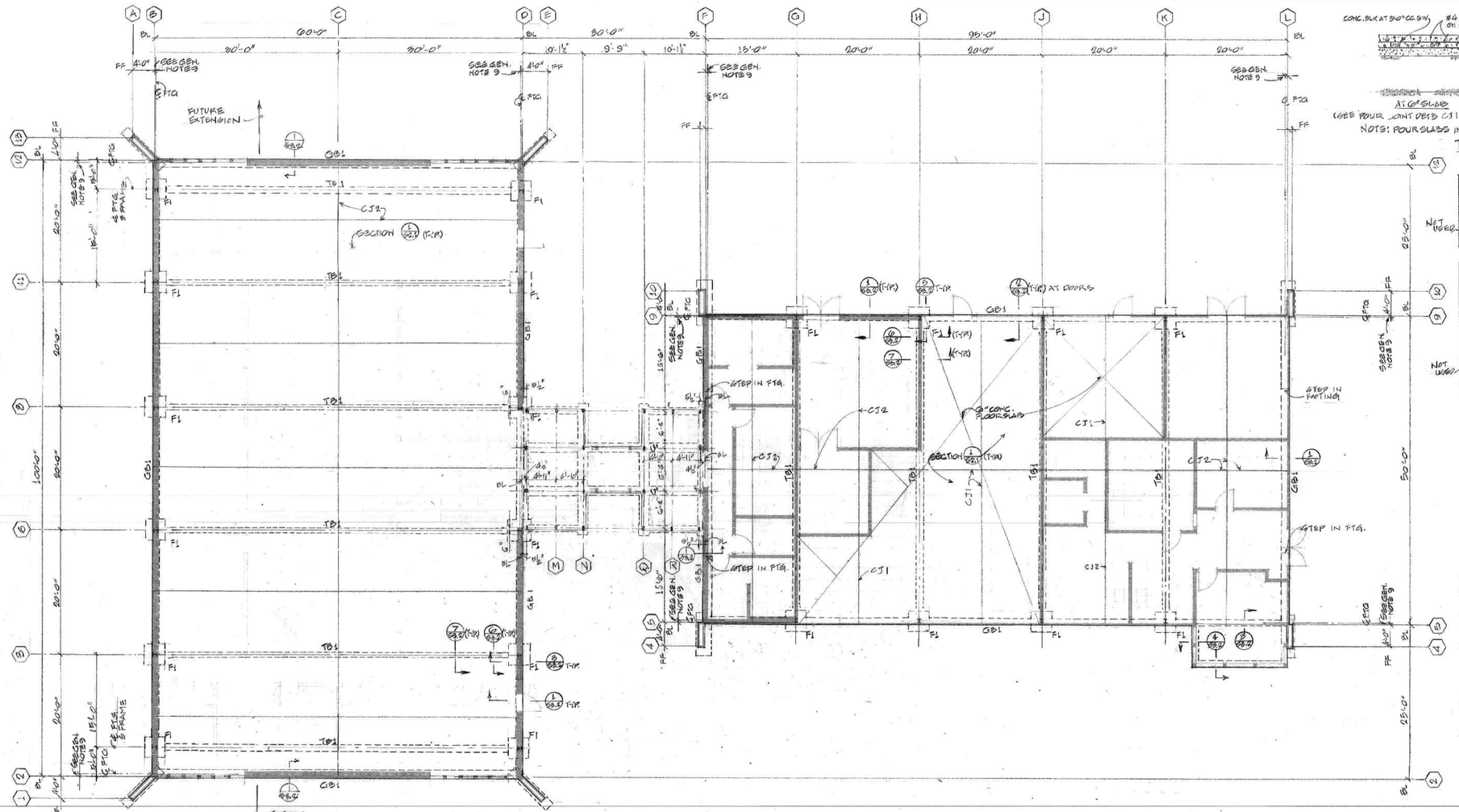
REVISION DATE

P.A. BOLLES
DR. GS
CH. GB

JOB 722
DATE MAY 9, 80

SHEET R/A-3
OF 1

FILE WITH 79-117



PLAN NORTH

ADMIN. BLDG

ADMIN. BLDG FLOOR SLAB IS 4" THICK THROUGHOUT

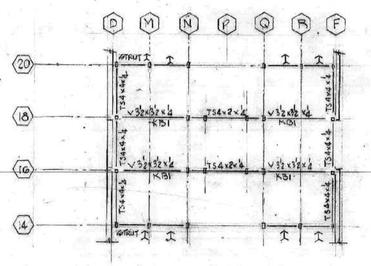
LOBBY FLOOR SLAB IS 4" THICK THROUGHOUT

LOBBY FOUNDATION PLANS

1/8" = 1'-0"

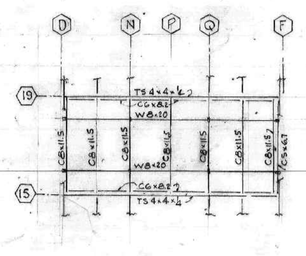
LAB. BLDG

UNLESS OTHERWISE NOTED ON THE FOUNDATION PLAN - LABORATORY FLOOR SLAB IS 4" THICK



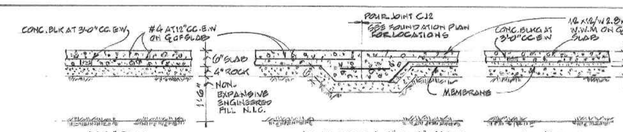
LOBBY FRAMING PLAN - EAVE LEVEL

3/8" = 1'-0"



LOBBY FRAMING PLAN - ROOF LEVEL

3/8" = 1'-0"



(SEE POUR JOINT DETS CJ1 IN SPEC'S) (DETAILS NOT NOTED - SEE CJ-1 IN SPEC'S) (POUR JOINT DETS - SEE S1.2 IN SPEC'S)

NOTE: POUR SLABS IN CHECKERBOARD FASHION.

TYPICAL DETAILS FOR SLAB ON GROUND

1/2" = 1'-0" (1/S2.1)

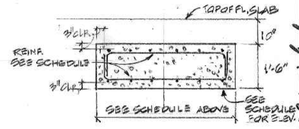
MEZZANINE FRAMING MEMBER PROPERTIES

MEMBER	SIZES	t	I_x	S_x	V_x	I_y	S_y	V_y	F_y
STUDS	6"x2½"x 16GA	0.06	4.04	1.35	2.37	0.638	0.377	0.941	50KSI
TOP TR	6"x2½"x 12GA	0.105	6.90	2.3	2.34	1.8	0.77	1.22	50KSI
BOTT. TR	6"x2½"x 12GA	0.105	6.90	2.3	2.34	1.8	0.77	1.22	50KSI
TENSI RODS	⅝" x 14GA	0.075	—	—	—	—	—	—	50KSI

NOT USED

MARK	SIZE OF FOOTINGS	ELEVATION BOTTOM OF FOOTING WITH RESPECT TO TOP OF CONC. SLAB	REINFORCEMENT
GB1	1'-0" WIDE	-1'-0"	SEE S3.2
GB2	1'-0" WIDE	-1'-0"	SEE S3.2
TB1	1'-4" WIDE	-0'-8"	SEE S3.2
TB2	1'-9" WIDE	-0'-10"	SEE S3.2
F1	3'-6"sq x 1'-6" DEEP	-2'-4"	4-#4 T&B, E.W. SEE S3.2
F2	4'-6"sq x 1'-6" DEEP	-2'-4"	6-#4 T&B, E.W. SEE S3.2
F3	5'-0"sq x 1'-6" DEEP	-2'-4"	7-#4 T&B, E.W. SEE S3.2
F4	6'-0"sq x 1'-6" DEEP	-2'-4"	8-#4 T&B, E.W. SEE S3.2
F5	2'-0" dia x 1'-6" DEEP	-2'-4"	2-#4 T&B, E.W. SEE S3.2

NOT USED



SECTION

1½" = 1'-0" (2/S2.1)

GENERAL NOTES

(ALL BUILDINGS)

1. SEE TYPICAL DETAILS IN THE SPECIFICATIONS.
2. SOILS PRESSURE: DEAD LOAD: 2500 P.S.F.; DEAD LOAD + LIVE LOAD: 3300 P.S.F.; DEAD LOAD + WIND OR SEISMIC: 4100 P.S.F.
3. CONCRETE SHALL ATTAIN AN ULTIMATE COMPRESSIVE STRENGTH OF 3000 P.S.I. IN 28 DAYS.
4. REINFORCING STEEL SHALL CONFORM TO A.S.T.M. STANDARDS. #6 BARS AND SMALLER SHALL BE A.S.T.M. A615, GRADE 40 ALL OTHER SIZES SHALL BE A.S.T.M. A615, GRADE 60.
5. STRUCTURAL STEEL SHALL CONFORM TO A.I.S.C. SPECIFICATIONS FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS, LATEST EDITION.
6. ALL BOLTS SHALL BE MACHINE BOLTS A.S.T.M. A307.
7. PRE-ENGINEERED BUILDINGS ARE TO BE DESIGNED BY SUPPLIER'S STRUCTURAL ENGINEER, AND DETAILS AND CALCULATIONS SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER'S ARCHITECT.
8. FOOTINGS AND DETAILS AS SHOWN SHALL NOT BE DECREASED IN SIZE OR STRENGTH, BUT MAY BE INCREASED OR REARRANGED IF REQUIRED BY THE PRE-ENGINEERED BUILDINGS AT NO EXTRA COST TO THE OWNER, SUBJECT TO THE APPROVAL OF THE OWNER'S ARCHITECT.
9. A. SINCE THE ACTUAL SIZE OF GIRTS, TO BE USED IN THE PRE-ENGINEERED STRUCTURES IS NOT KNOWN, THE ACTUAL DIMENSIONS BETWEEN THE BUILDING LINE AND THE ℄ OF CONTINUOUS FOOTINGS SHALL BE DETERMINED WHEN THIS SIZE IS KNOWN. (SET BY THE BUILDING SUPPLIER'S ENGINEER.)
   B. SINCE THE ACTUAL SIZE OF BUILDING FRAMES AND BASE PLATES IN THE PRE-ENGINEERED STRUCTURES IS NOT KNOWN, THE ACTUAL DIMENSION BETWEEN THE BUILDING LINE AND THE ℄ OF THE SPREAD FOOTINGS SHALL BE DETERMINED WHEN THESE SIZES ARE KNOWN. (SET BY THE BUILDING SUPPLIER'S ENGINEER.)

SCALE AS NOTED

GRAHAM & KELLAM
STRUCTURAL ENGINEERS
60 New Montgomery Street
San Francisco, CA 94105
362-1100
Los Altos, CA 94022

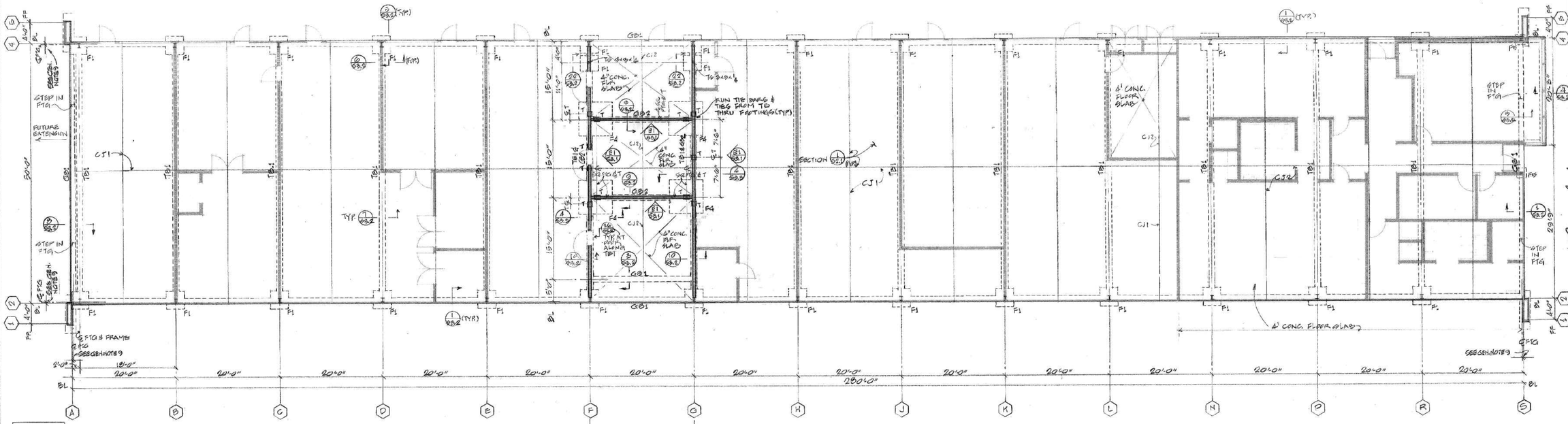
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

APPROVED BOLLES
CHECKED BY RV
DRAWN BY LV
DATE 6-11-79
JOB NUMBER 7722

SHEET NUMBER S2-1
OF 5 INDEX

CITY OF SANTA ROSA FILE No. 79-117



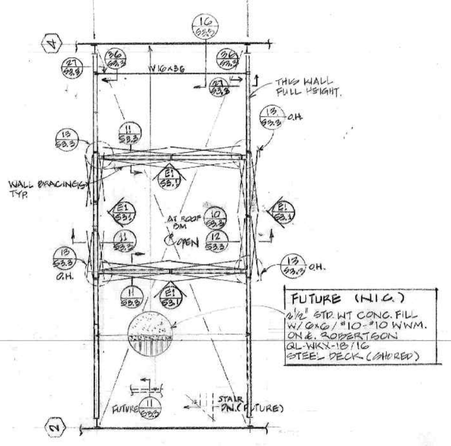
PLAN NORTH

FOUNDATION PLAN - SHOPS BUILDING

1/8" = 1'-0"

NOTE: SEE GENERAL NOTES, FOOTING SCHEDULE AND DETAILS, SLAB ON GROUND DETAILS AND STEEL STUD REQUIREMENTS ON SHEET S2.1

UNLESS OTHERWISE NOTED ON FOUNDATION PLAN, THE SHOPS BUILDING FLOOR SLAB IS 6" THICK.



PLAN OF WALLS, TOP AT ELEVATION (+8'-0")

THESE ARE DESIGNED FOR FUTURE MEZZANINE (DESIGNED FOR 125 PSF LL) 1/8" = 1'-0"

SCALE AS NOTED

REVISIONS

GRAHAM & KELLAM
STRUCTURAL ENGINEERS
55 New Montgomery Street
San Francisco, CA 94105
245 Los Altos Avenue
Los Altos, CA 94022

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY P.V. JY
CHECKED BY LG
DATE 6-11-79
JOB NUMBER 7422

SHEET NUMBER S2-2
OF 5 INDEX

CITY OF SANTA ROSA FILE No. 79 - 117

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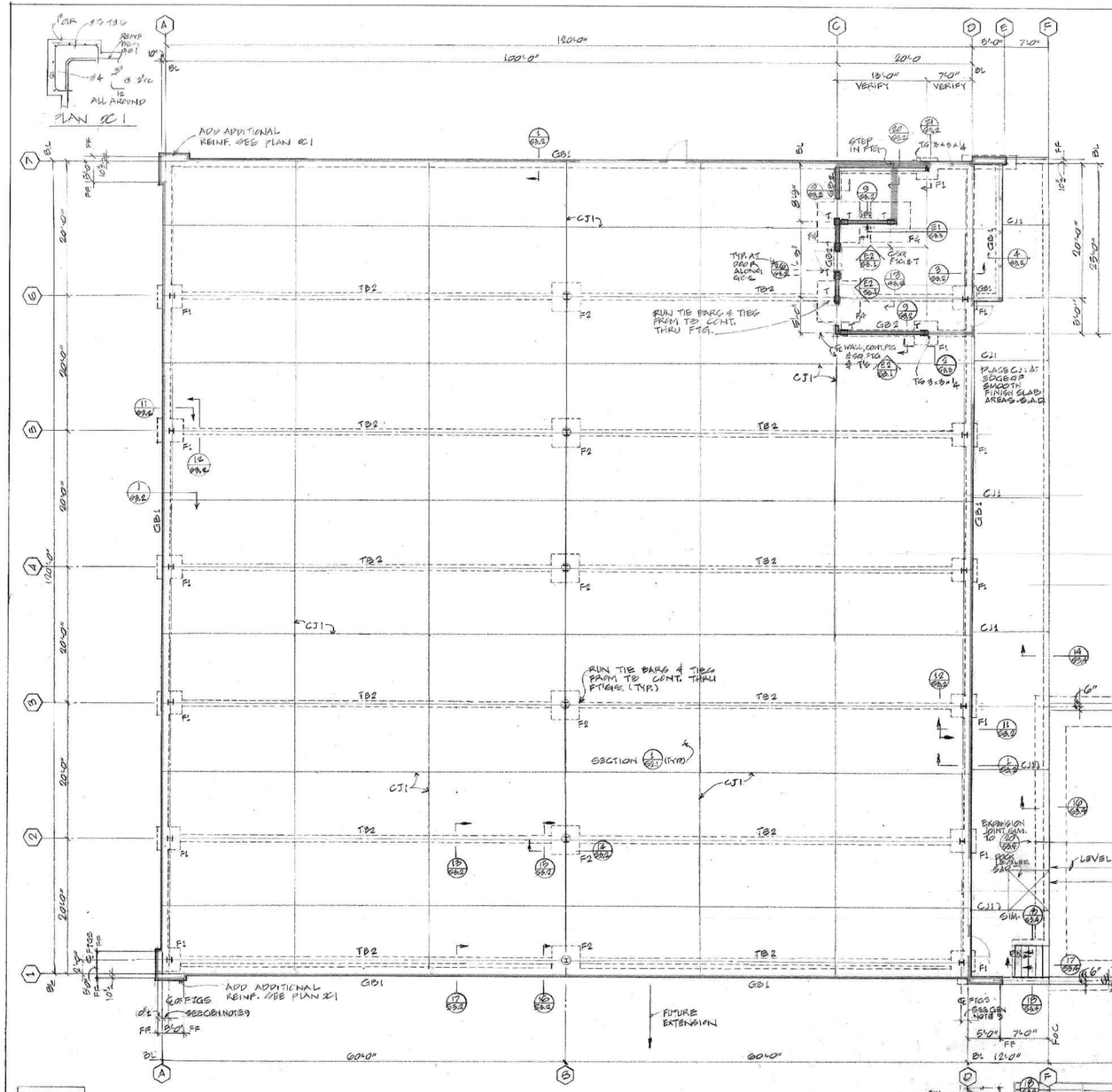
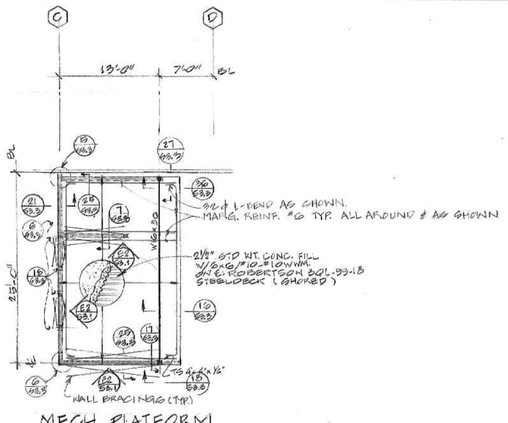
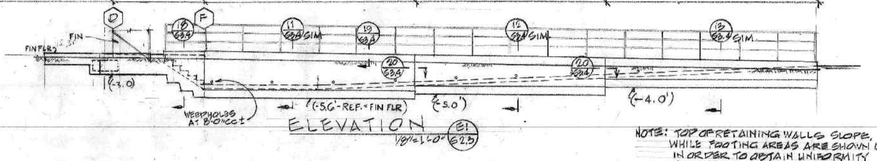


WARE HOUSE FOUNDATION PLAN

1/8" = 1'-0"

NOTE: SEE GENERAL NOTES, FOOTING SCHEDULE AND DETAILS, SLAB ON GRADE DETAILS AND STEEL STUD REQUIREMENTS ON SHEET S2.1.
WAREHOUSE FLOOR SLAB IS 6" THICK THROUGHOUT.
LOADING DOCK INCLUDED.





NOTE: TOP OF RETAINING WALLS SLOPE, WHILE FOOTING AREAS ARE SHOWN LEVEL. IN ORDER TO OBTAIN UNIFORMITY FOR VERTICAL REINFORCING BAR LENGTHS THE CONTRACTOR MAY - AT HIS OPTION - SLOPE THE FOOTINGS PARALLEL WITH TOP OF WALL SLOPE.

SCALE AS NOTED

GRAHAM & KELLAM
STRUCTURAL ENGINEERS
55 New Montgomery Street
San Francisco, CA 94105
245 Los Altos Avenue
Los Altos, CA 94022

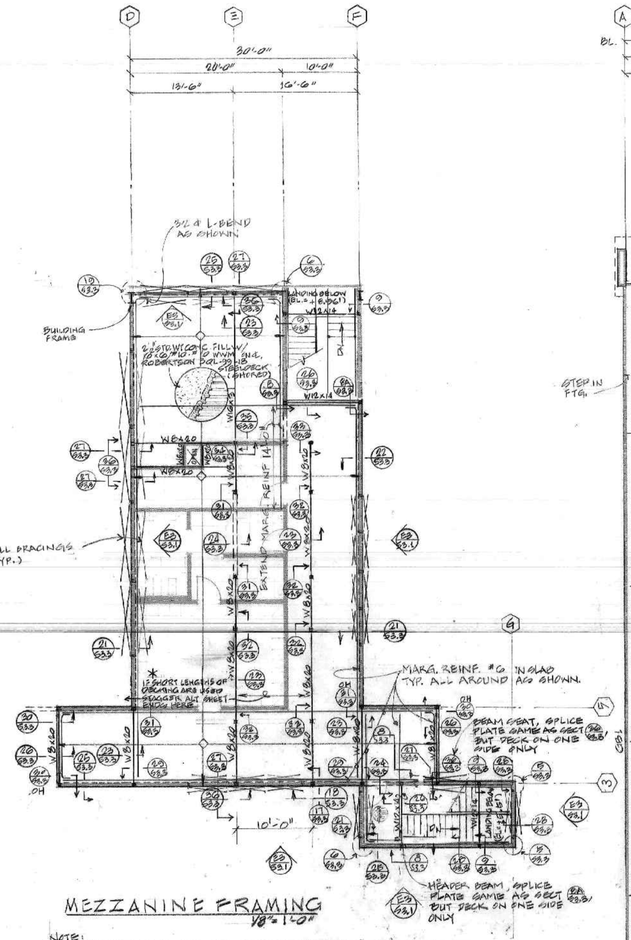
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY P.V. JY
CHECKED BY L.G.
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER S2-3
OF 5 INDEX

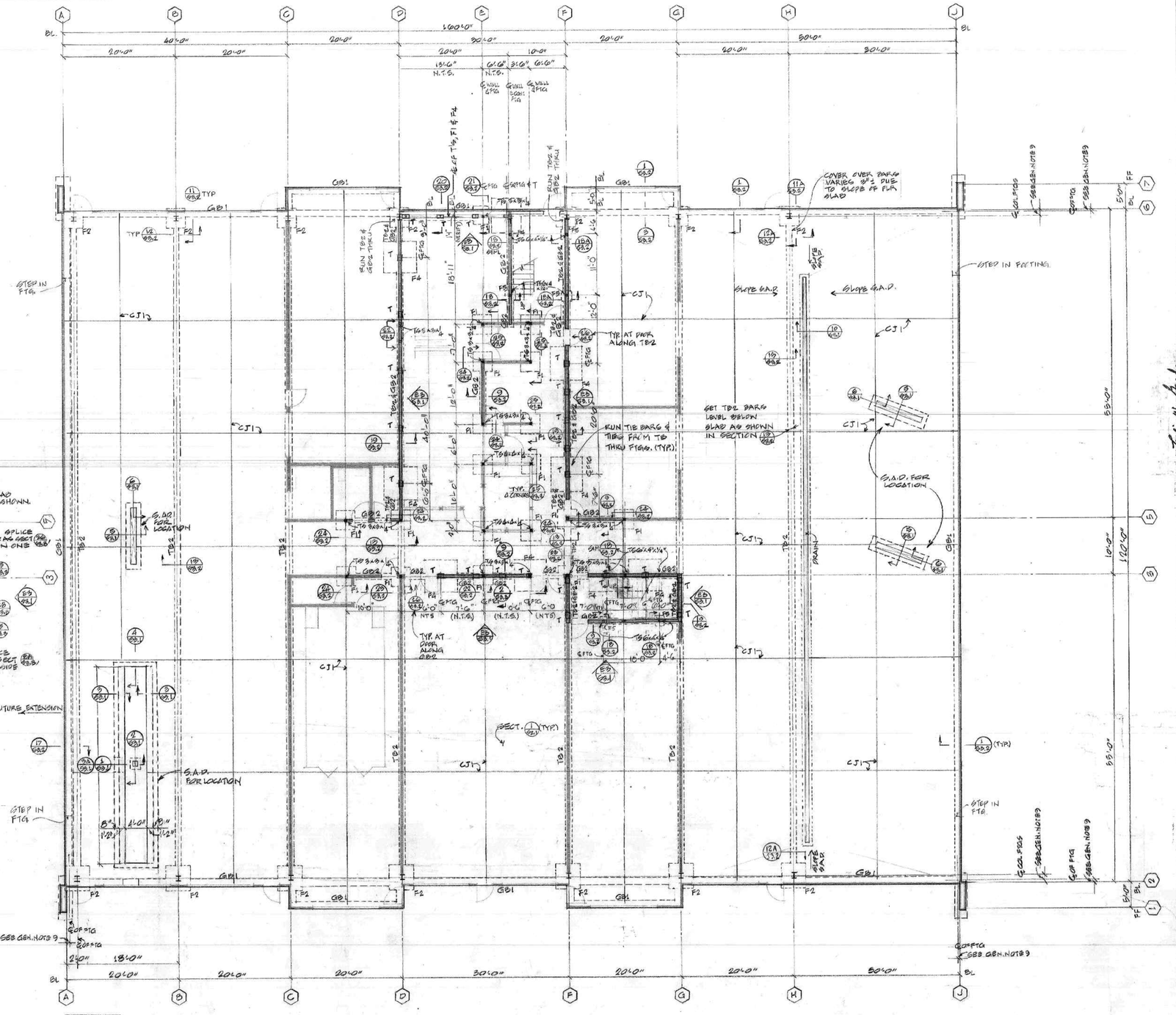
CITY OF SANTA ROSA FILE No. 79-117 39 OF 72



MEZZANINE FRAMING

1/8" = 1'-0"

NOTE: HEADER BEAMS ARE PROVIDED FOR THE STAIRS, BUT STAIR STRINGERS, LANDINGS ETC SHALL BE DESIGNED AND DETAILED BY THE CONTRACTOR'S ENGINEER SUBJECT TO ARCHITECTS APPROVAL



GARAGE FOUNDATION PLAN

1/8" = 1'-0"

PLAN NORTH

NOTE SEE GENERAL NOTES, FOOTING SCHEDULE AND DETAIL, SLAB ON GROUND DETAILS AND STEEL STUD FOR STRUCTURAL BEARING WALLS REQUIREMENTS ON SHEET S2.1
GARAGE FLOOR SLAB IS 6" THICK THROUGHOUT

SCALE AS NOTED

REVISIONS

GRAHAM & KELLAM
STRUCTURAL ENGINEERS
65 New Montgomery Street
San Francisco, CA 94105
245 Los Altos Avenue
Los Altos, CA 94022

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY D.V. J.Y.
CHECKED BY LS
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER
S2-4
OF 5 INDEX

CITY OF SANTA ROSA FILE No. 79-117

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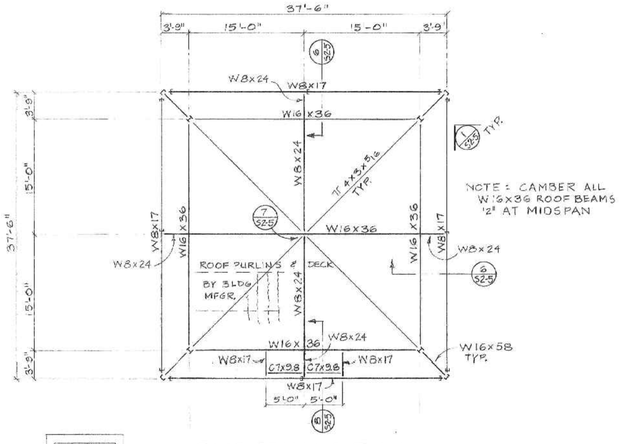
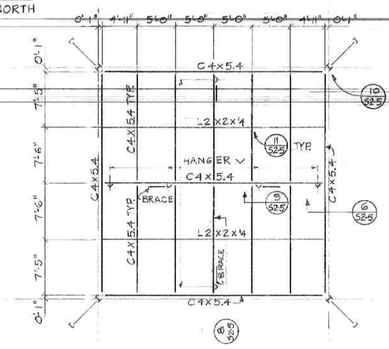


ROOF FRAMING PLAN

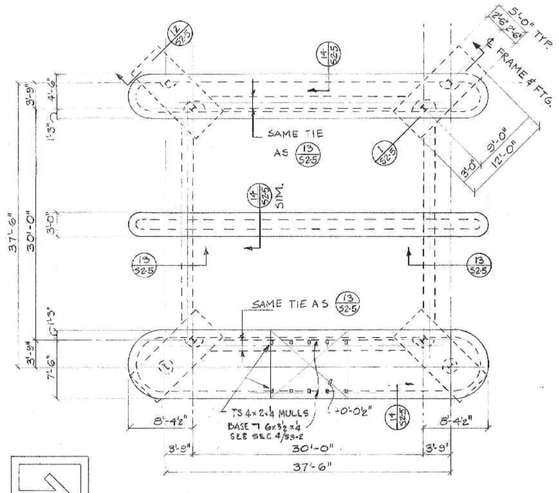
1/8" = 1'-0"

PLAN NORTH



CEILING FRAMING PLAN

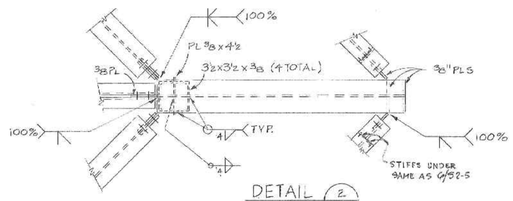
1/8" = 1'-0"



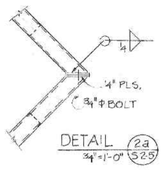
PLAN NORTH

FOUNDATION PLAN

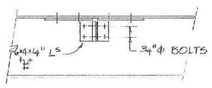
3/8" = 1'-0"



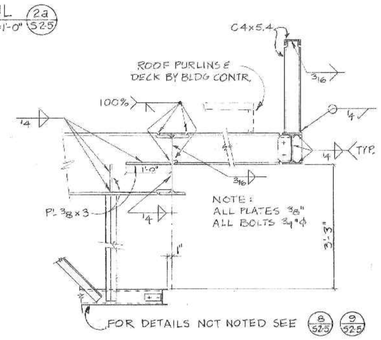
DETAIL 2 (S2-5) 3/4"=1'-0"

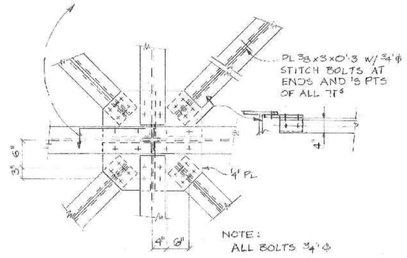


DETAIL 2a (S2-5) 3/4"=1'-0"

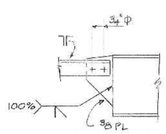


DETAIL 7a (S2-5)

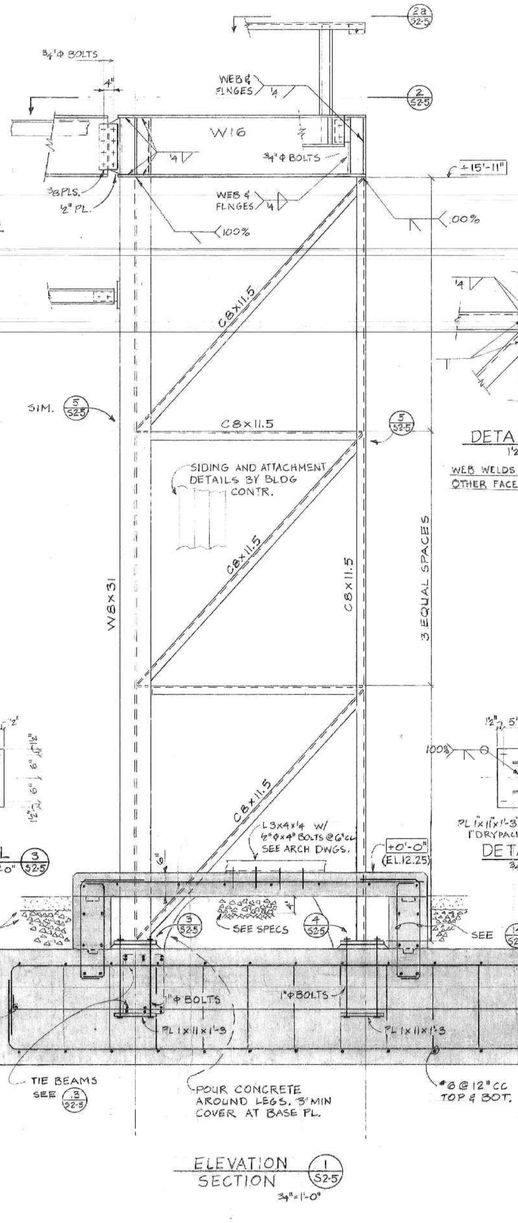




DETAIL 7 (S2-5) 3/4"=1'-0"



AT DIAGONALS



ELEVATION / SECTION 1 (S2-5) 3/4"=1'-0"

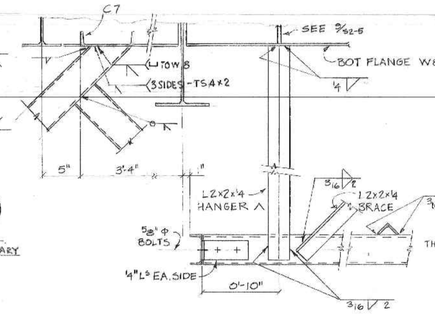
DETAIL 2a (S2-5) 3/4"=1'-0"

DETAIL 3 (S2-5) 3/4"=1'-0"

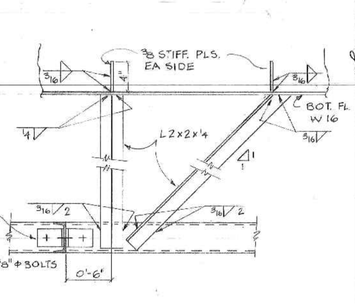
DETAIL 4 (S2-5) 3/4"=1'-0"

DETAIL 5 (S2-5) 1 1/2"=1'-0"

WEB WELDS MAY BE ON OTHER FACES IF NECESSARY

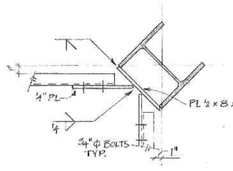


SECTION 8 (S2-5) 1 1/2"=1'-0"

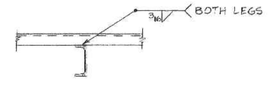


SECTION 9 (S2-5) 1 1/2"=1'-0"

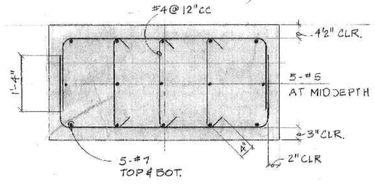
SECTION 6 (S2-5) 3/4"=1'-0"



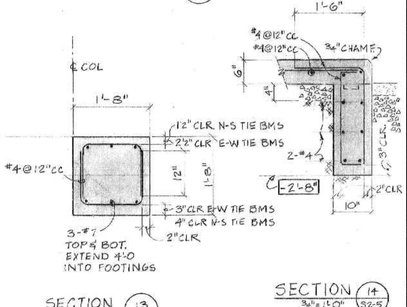
DETAIL 10 (S2-5) 1 1/2"=1'-0"



DETAIL 11 (S2-5) 1 1/2"=1'-0"



SECTION 12 (S2-5) 3/4"=1'-0"



SECTION 13 (S2-5) 3/4"=1'-0"

SECTION 14 (S2-5) 3/4"=1'-0"

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE / POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

GRAHAM & KELLAM
STRUCTURAL ENGINEERS
55 New Montgomery Street
San Francisco, CA 94105
456 University Avenue
Los Altos, CA 94022

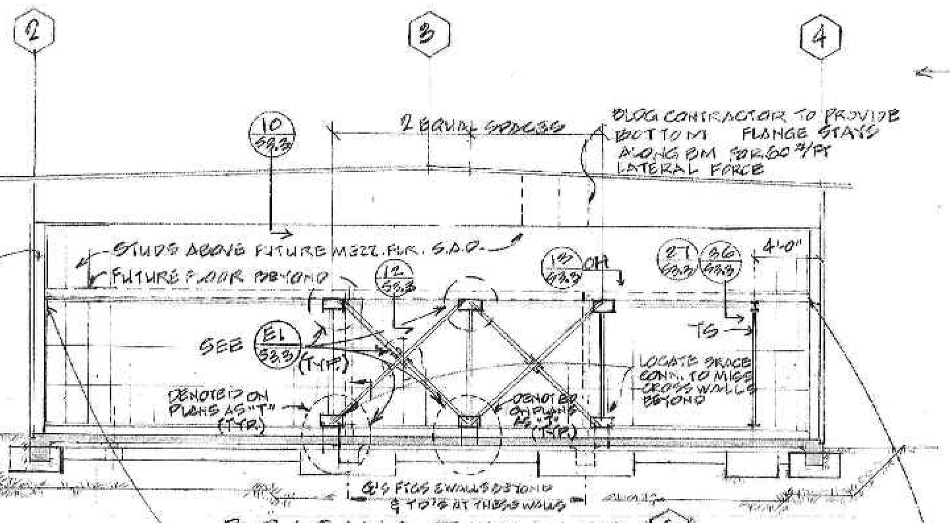
REVISIONS

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

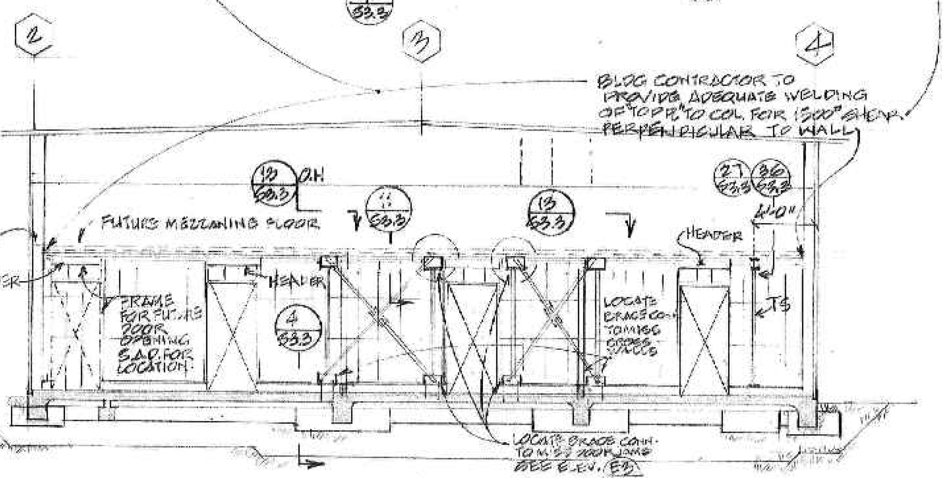
PROJECT NO. 7826
DRAWN BY
CHECKED BY
DATE 6-11-79
JOB NUMBER 7922

SHEET NUMBER S2-5
OF 5 INDEX

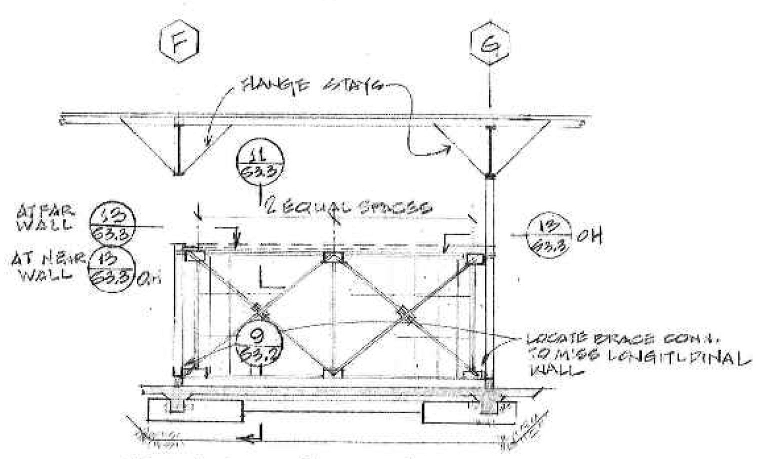
CITY OF SANTA ROSA FILE No. 79-117



BRACING OF WALL-LINE G
SEE ELEVATION E1 S3.3 FOR BRACING DETS.

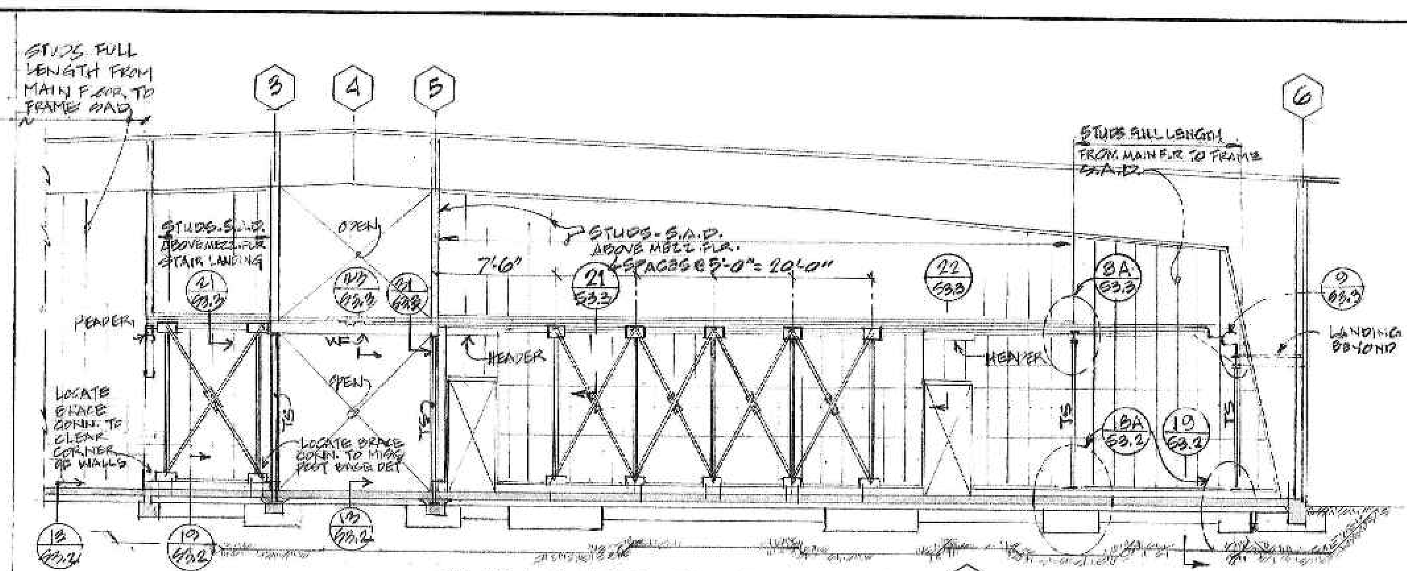


BRACING OF WALL-LINE F
SEE ELEVATION E1 S3.3 FOR BRACING DETS

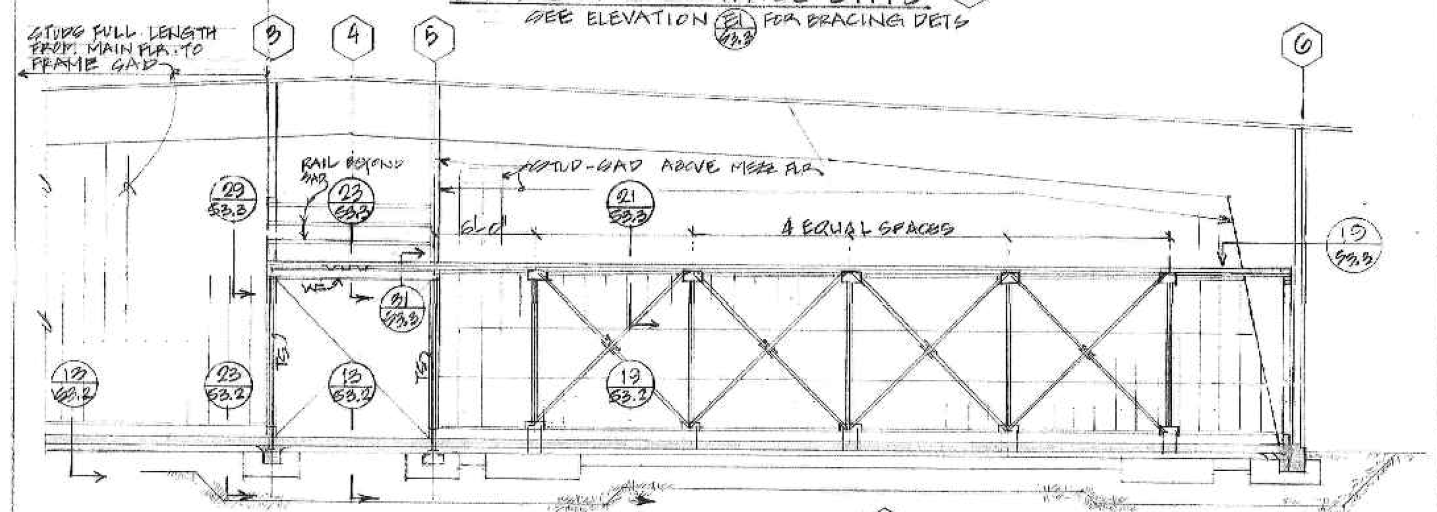


BRACING 2 CROSS WALLS
SEE ELEVATION E1 S3.3 FOR BRACING DETS.

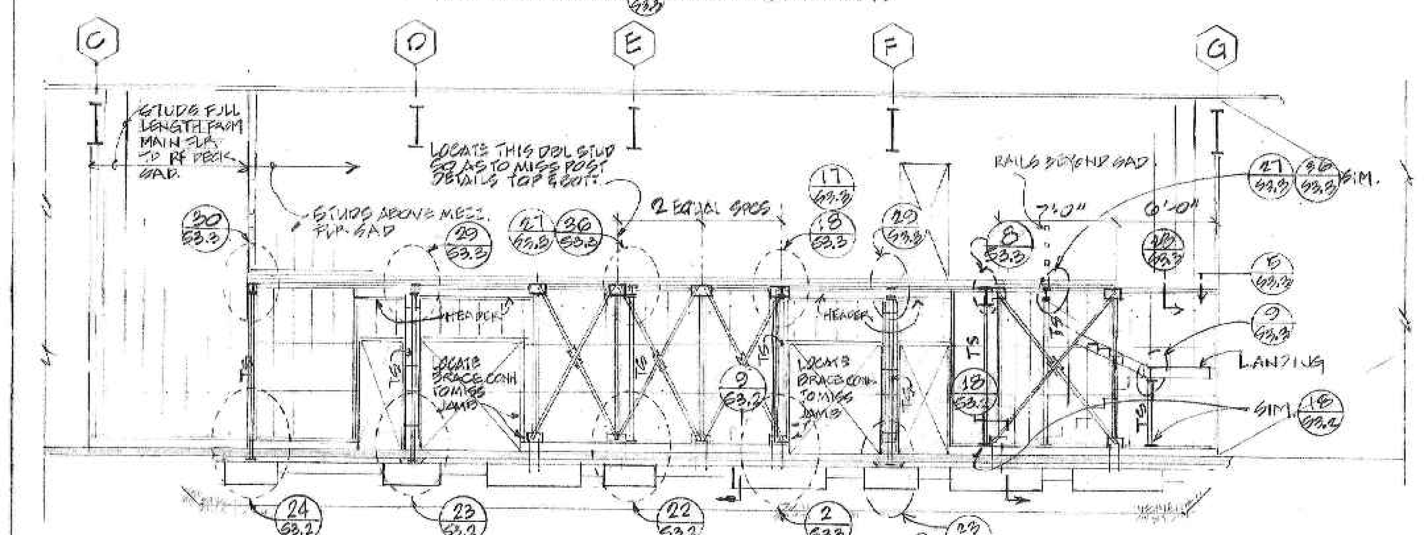
WALL BRACING ELEVATIONS E1 S3.1
SHOP BUILDING



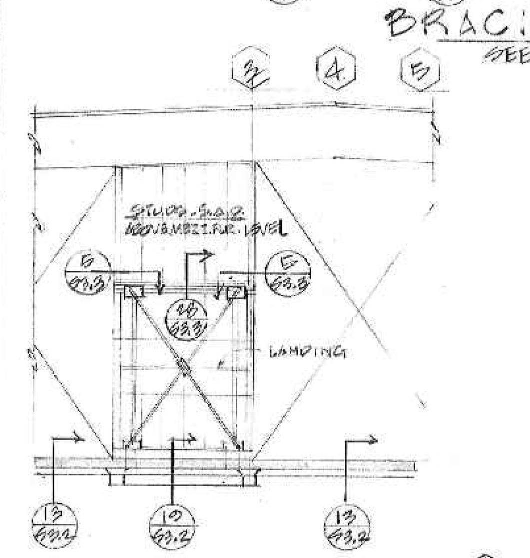
BRACING OF WALL-LINE F
SEE ELEVATION E1 S3.3 FOR BRACING DETS



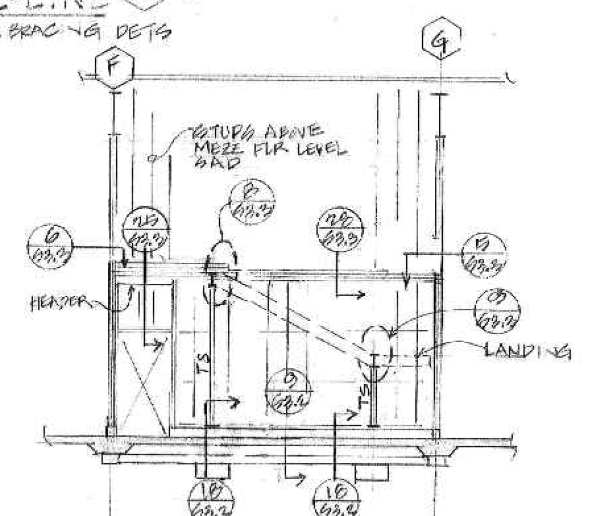
BRACING OF WALL-LINE D
SEE ELEVATION E1 S3.3 FOR BRACING DETS



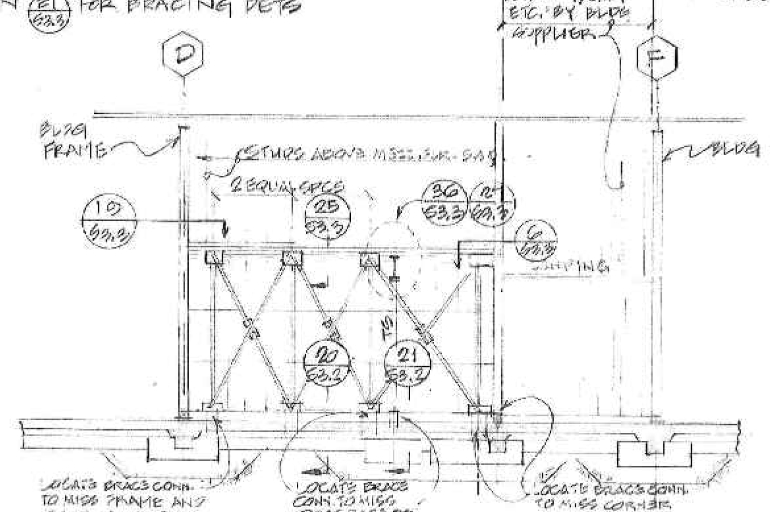
BRACING OF WALL-LINE 3
SEE ELEVATION E1 S3.3 FOR BRACING DETS



BRACING OF WALL-LINE G
SEE ELEVATION E1 S3.3 FOR BRACING DETS

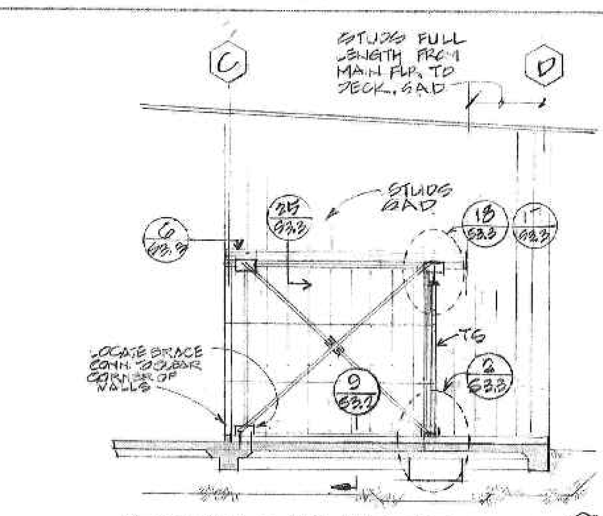


BRACING of WALL EAST of LINE 3
SEE ELEVATION E1 S3.3 FOR BRACING DETS

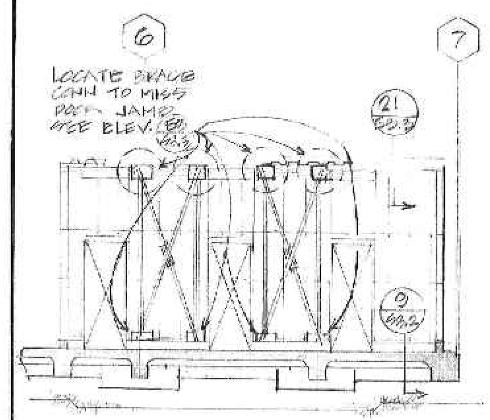


BRACING OF WALL-LINE 6
SEE ELEVATION E1 S3.3 FOR BRACING DETS

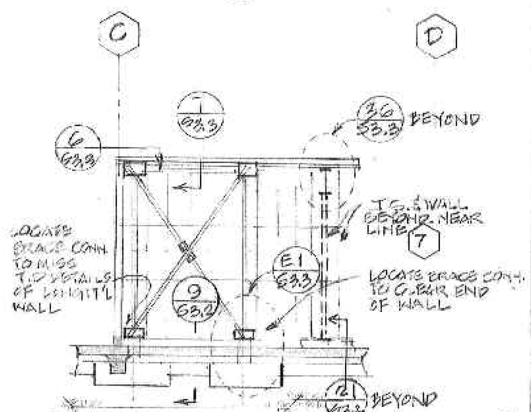
WALL BRACING ELEVATIONS E3 S3.1
GARAGE



BRACING OF WALL-NEAR LINE 6
SEE ELEVATION E1 S3.3 FOR BRACING DETS.



BRACING OF WALL LINE C
SEE ELEVATION E1 S3.3 FOR BRACING DETS



BRACING of WALL WEST of LINE 6
SEE ELEVATION E1 S3.3 FOR BRACING DETS

WALL BRACING ELEVATIONS E2 S3.1
WAREHOUSE

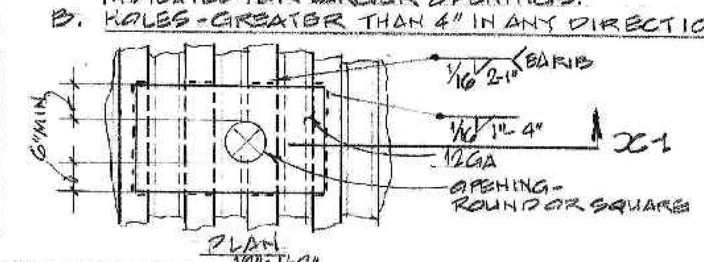
NOTE 1: SEE E1 S3.3 ETC. FOR BRACING DETAILS SHOWN ON THESE ELEVATIONS.
NOTE 2: SEE GENERAL NOTE 9 ON SHEET S 2.1.
NOTE 3: SEE E2 S3.3 & E3 S3.3 FOR HEADER DETAILS SHOWN ON THESE ELEVATIONS.

TYPICAL STEEL DECK CONNECTION NOTES (7 / S3.1)

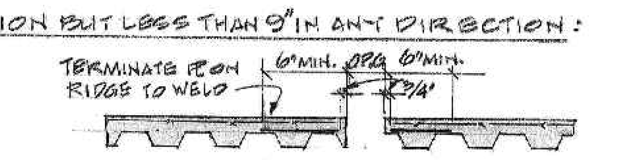
1. SEE PLAN SHEETS FOR LOCATION AND DIRECTION OF 16 GA. STEEL DECK FOR MEZZANINE FLOORS.
2. PROVIDE 1/2" EFFECTIVE DIAMETER PLUG WELDS IN ALL FLUTES TO ALL PERPENDICULAR BEARINGS.
3. PROVIDE 1/2" EFFECTIVE DIAMETER PLUG WELDS @ 18" C.C. TO ALL PARALLEL BEARINGS. IF NECESSARY PROVIDE 18 GA EXTENSION PLATES THUS: AND WELD @ 18" CC AS SHOWN.
4. CONNECT SHEET EDGES WITH BUTTON PUNCHING @ 12" C.C.
5. CHECK SPECIFIC REQUIREMENTS AT INDIVIDUAL MEZZANINES.
6. SHORE ALL STEEL DECKS WITH SPANS OVER 12'-0" UNTIL CONCRETE FILL HAS CURED 14 DAYS.

OPENINGS IN STEEL DECK (8 / S3.1)
REINFORCE AS FOLLOWS:

A. HOLES, LESS THAN 4" Ø OR 4" SQUARE: NO REINFORCING REQUIRED. WHERE TWO OR MORE HOLES ARE LESS THAN 2'-0" C.C APART, THEY SHALL BE REINFORCED AS INDICATED FOR LARGER OPENINGS.
B. HOLES - GREATER THAN 4" IN ANY DIRECTION BUT LESS THAN 9" IN ANY DIRECTION:

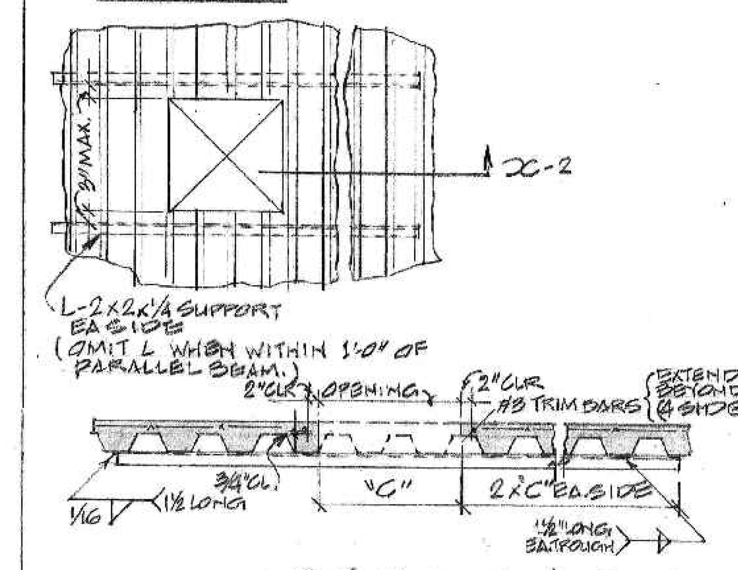


PLAN
1/2" = 1'-0"

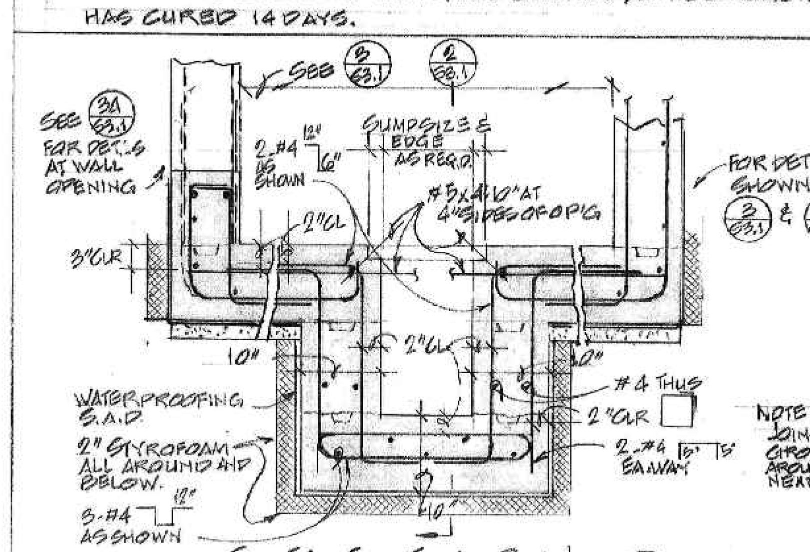


SECTION x-1
1/2" = 1'-0"

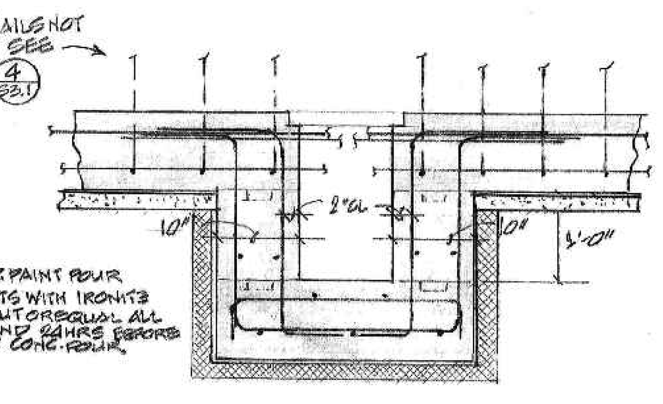
C. HOLES 9" TO 24" (ROUND - OR MAXIMUM IN ANY DIRECTION.



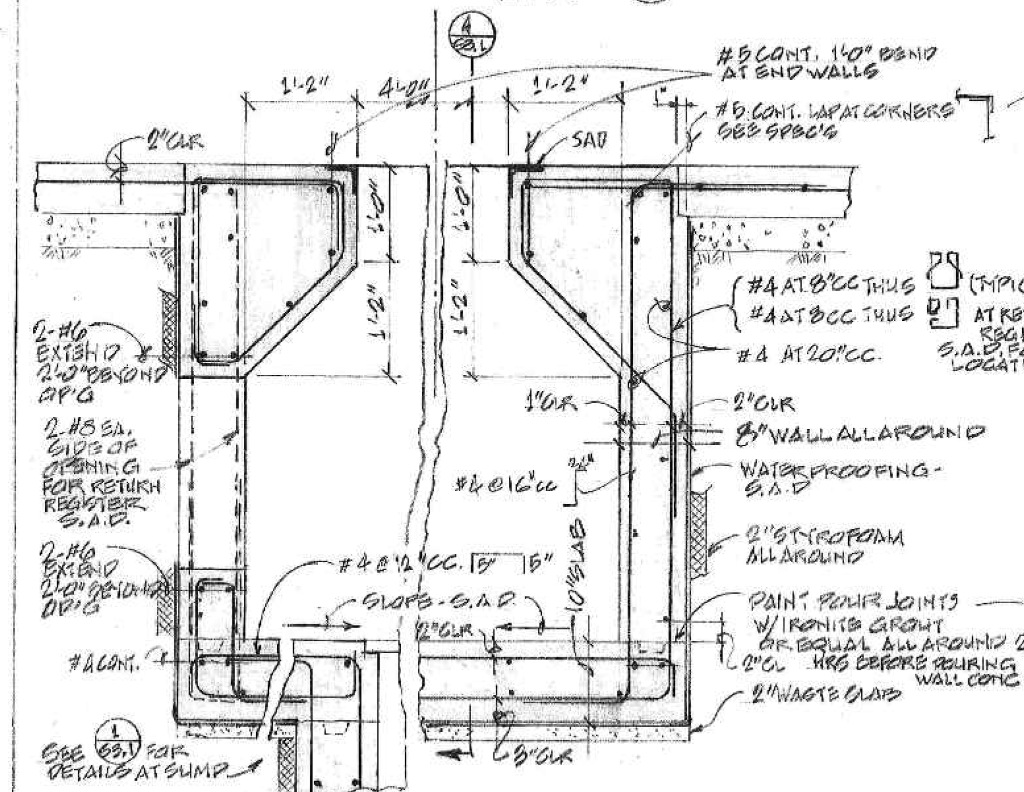
SECTION x-2
1/2" = 1'-0"



SECTION 1 S3.1
3/4" = 1'-0"

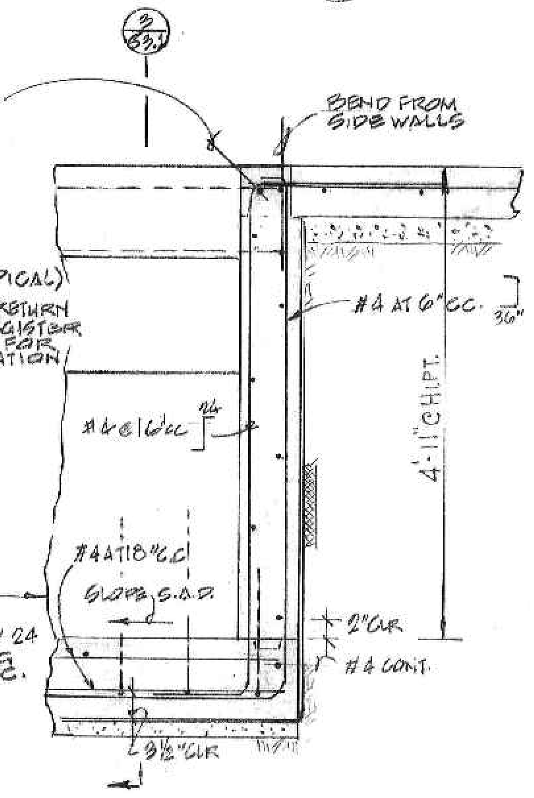


SECTION 2 S3.1
3/4" = 1'-0"

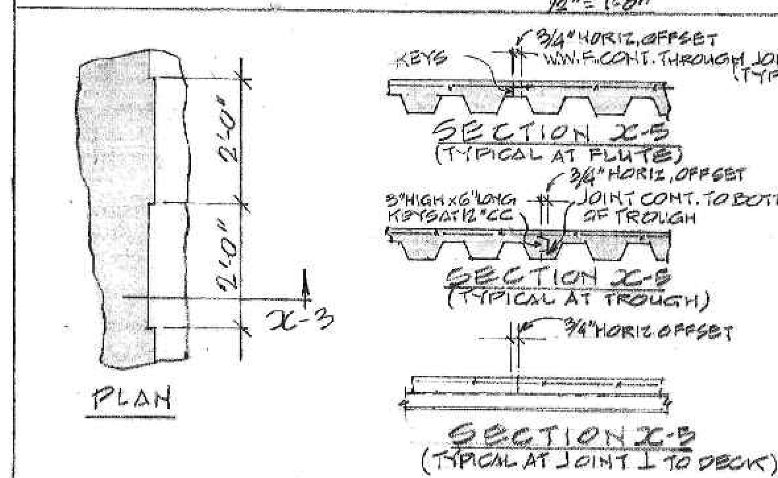


SECTION 3A S3.1
3/4" = 1'-0"

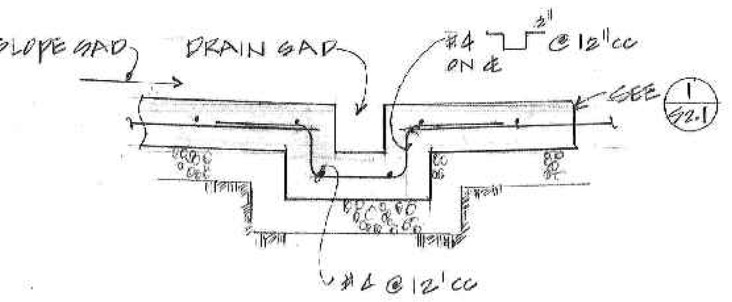
SECTION 3 S3.1
3/4" = 1'-0"



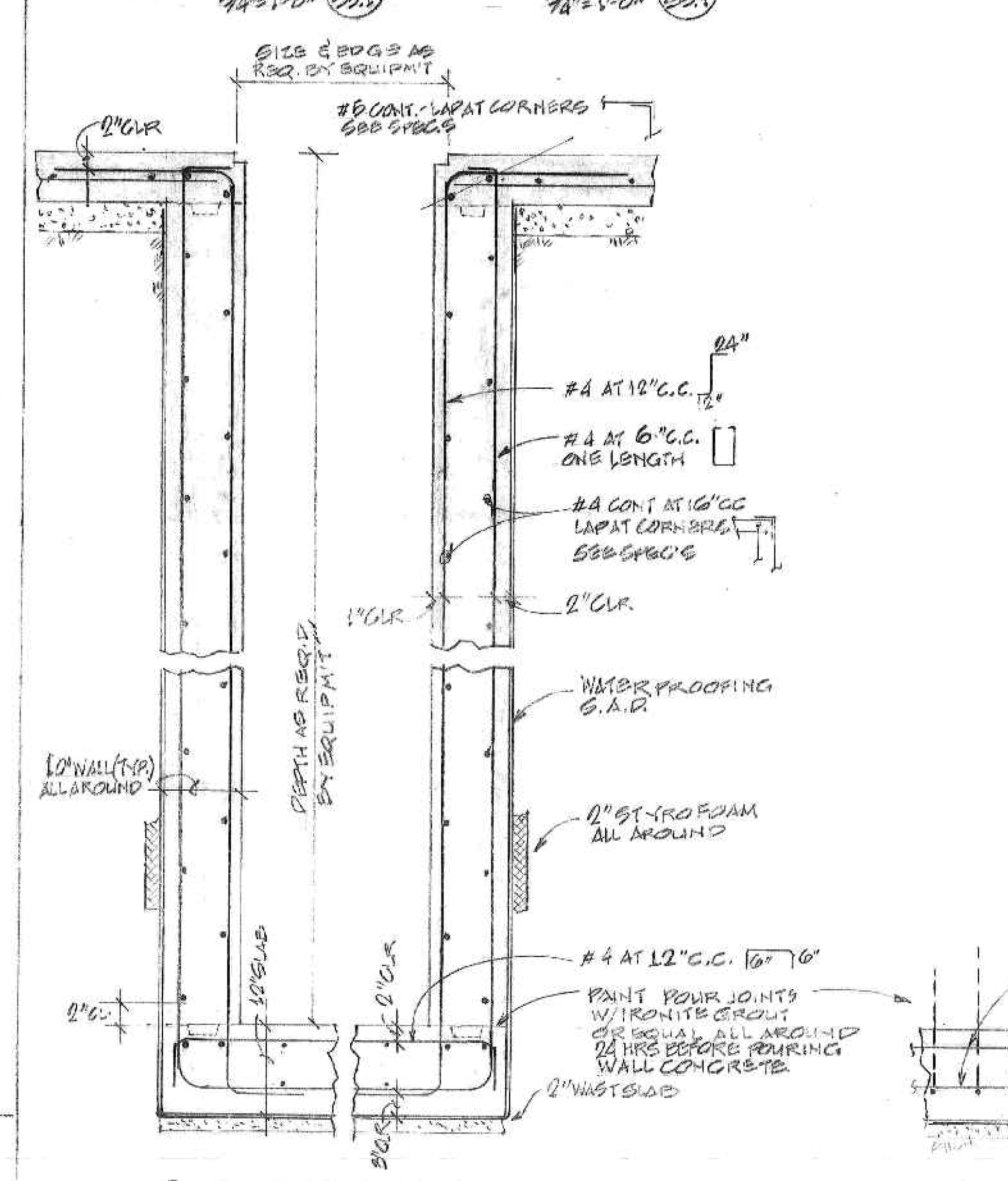
SECTION 4 S3.1
3/4" = 1'-0"



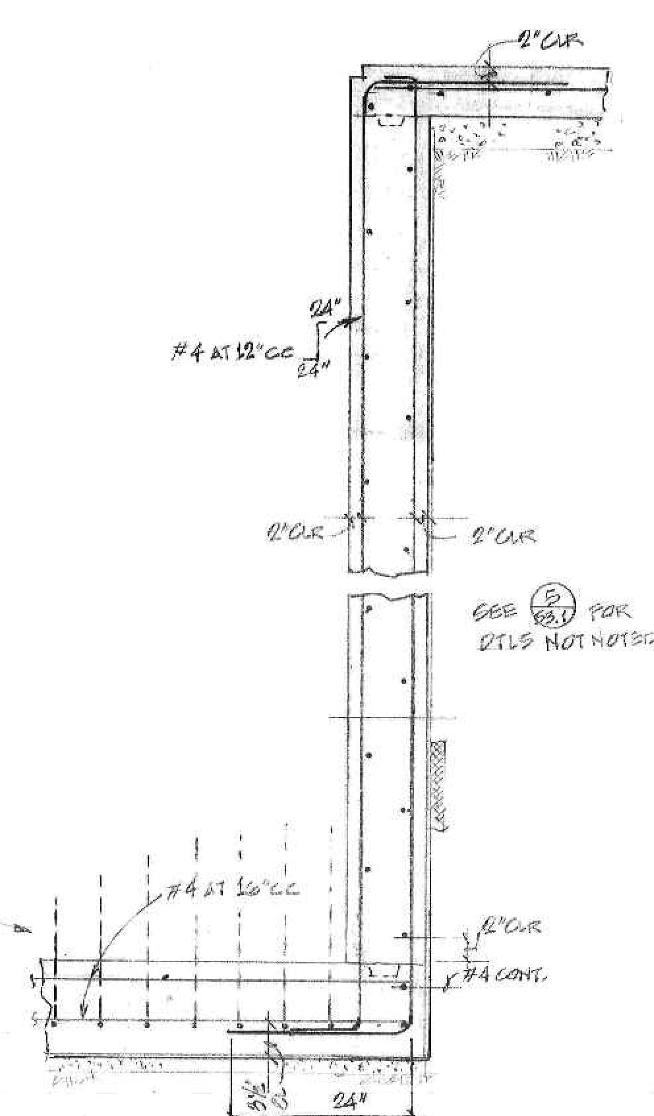
CONSTRUCTION JOINTS IN CONCRETE FILL SLAB (9 / S3.1)
1/2" = 1'-0"



SECTION 10 S3.1



SECTION 5 S3.1
3/4" = 1'-0"



SECTION 6 S3.1
3/4" = 1'-0"

SCALE 1/8" = 1'-0" UNLESS OTHERWISE NOTED

REVISIONS

GRAHAM & KELLAM
STRUCTURAL ENGINEERS
55 New Montgomery Street
San Francisco, CA 94105
245 Los Altos Avenue
Los Altos, CA 94022

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL
SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY P.V.
CHECKED BY L.G.
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER
S3-1
OF 5

CITY OF SANTA ROSA FILE No. 79-117

NOTE: SEE GENERAL NOTE 9 ON SHEET S2.1

SECTION 1/S3.2

SECTION (AT EXTERIOR OPENING) 2/S3.2

SECTION (AT INTERIOR OPENING) 3/S3.2

SECTION 4/S3.2

SECTION 5/S3.2

SECTION 6/S3.2

SECTION 7/S3.2

SECTION 8/S3.2

SECTION 9/S3.2

SECTION 10/S3.2

SECTION 11/S3.2 & 11A/S3.2

SECTION 12/S3.2 & 12A/S3.2

SECTION 13/S3.2

SECTION 14/S3.2

SECTION 15/S3.2

SECTION 16/S3.2

SECTION 17/S3.2

SECTION 18/S3.2 & 18A/S3.2

SECTION 19/S3.2

SECTION 20/S3.2

SECTION 21/S3.2

SECTION 22/S3.2

SECTION 23/S3.2

SECTION 24/S3.2

SECTION 25/S3.2

ELEVATION FOOTING AT JOINT 26/S3.2

SCALE 3/4" = 1'-0" UNLESS OTHERWISE NOTED

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES — E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4552

GRAHAM & KELLAM
STRUCTURAL ENGINEERS
55 New Montgomery Street
San Francisco, California
245 Los Altos Avenue
Los Altos, CA 94022

REVISIONS

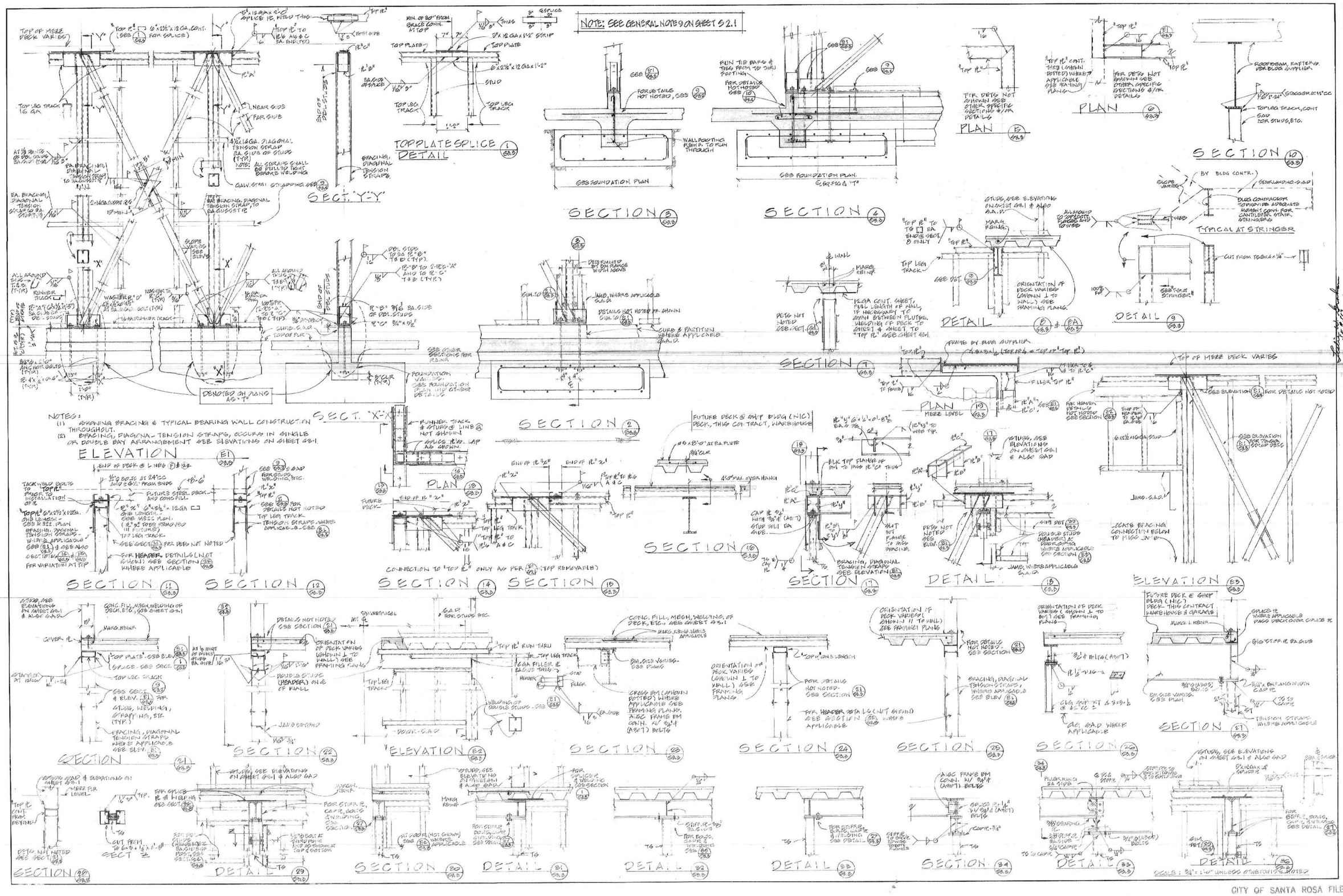
SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

DESIGNED BY G.B.B.
DRAWN BY J.N.
CHECKED BY
DATE 6-21-79
JOB NUMBER 7922

SHEET NUMBER S3-2

OF 5 INDEX

CITY OF SANTA ROSA FILE No. 79 VOL. 117



NOTES:
(1) SHOWING BRACING & TYPICAL BEARING WALL CONSTRUCTION THROUGHOUT.
(2) BRACING, DIAGONAL TENSION STRAPS, OCCURS IN SINGLE OR DOUBLE BAY ARRANGEMENT SEE ELEVATIONS ON SHEET S3.1.

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

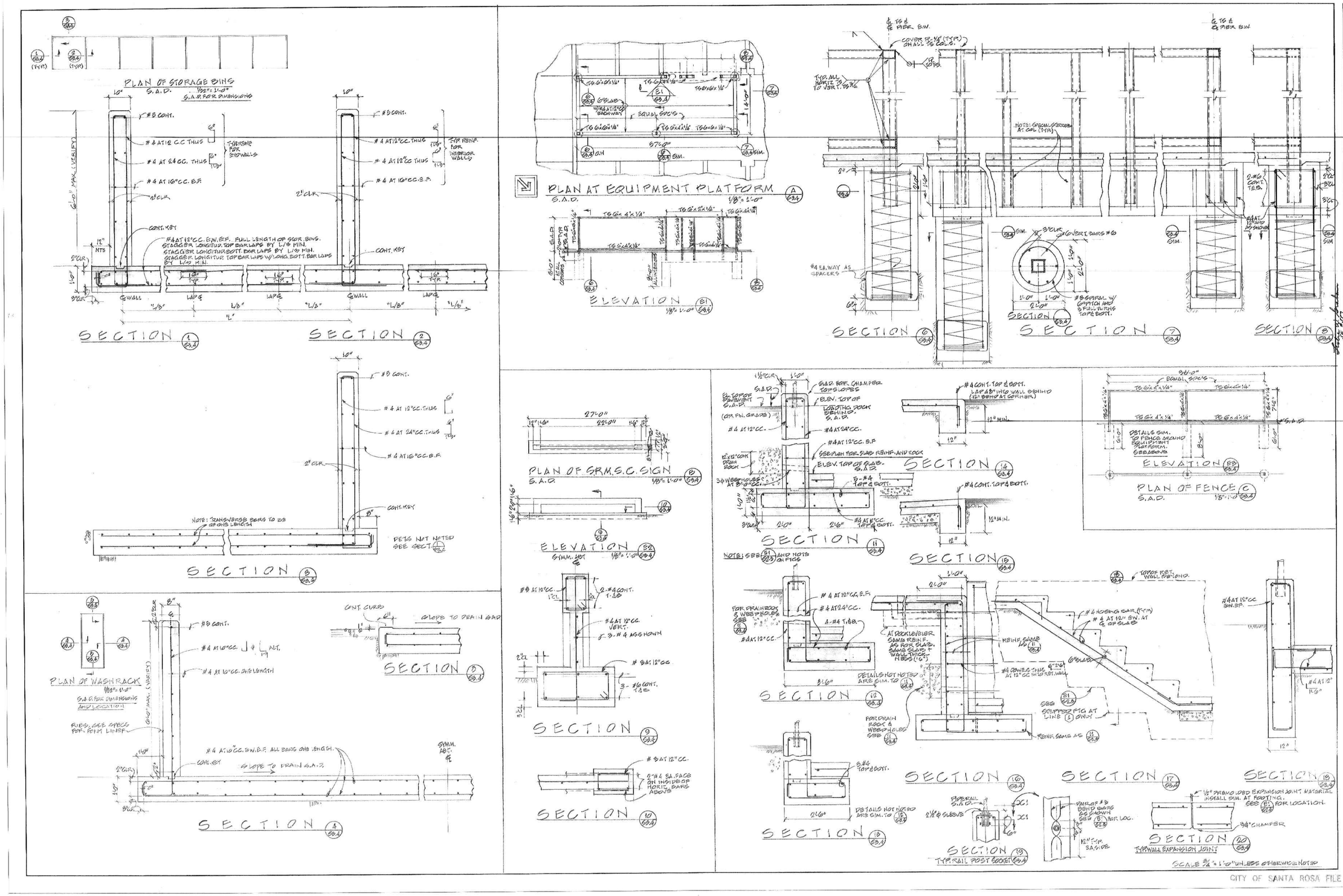
GRAHAM & KELLAM
STRUCTURAL ENGINEERS
55 New Montgomery Street
San Francisco, CA 94105
245 Los Altos Avenue
Los Altos, CA 94022

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. NO. 80-26
DRAWN BY
CHECKED BY
DATE 6-11-79
JOB NUMBER 122

SHEET NUMBER
S3-3
OF 5 SHEET

CITY OF SANTA ROSA FILE No. 79-117



GRAHAM & KELLAM
STRUCTURAL ENGINEERS
55 New Montgomery Street
San Francisco, CA 94105
245 Los Altos Avenue
Los Altos, CA 94022

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. BOLLES
DRAWN BY P.V.
CHECKED BY L.G.
DATE 6-11-79
JOB NUMBER 722

SHEET NUMBER
S3-4
OF 5 INDEX

CITY OF SANTA ROSA FILE No. 77 - 117

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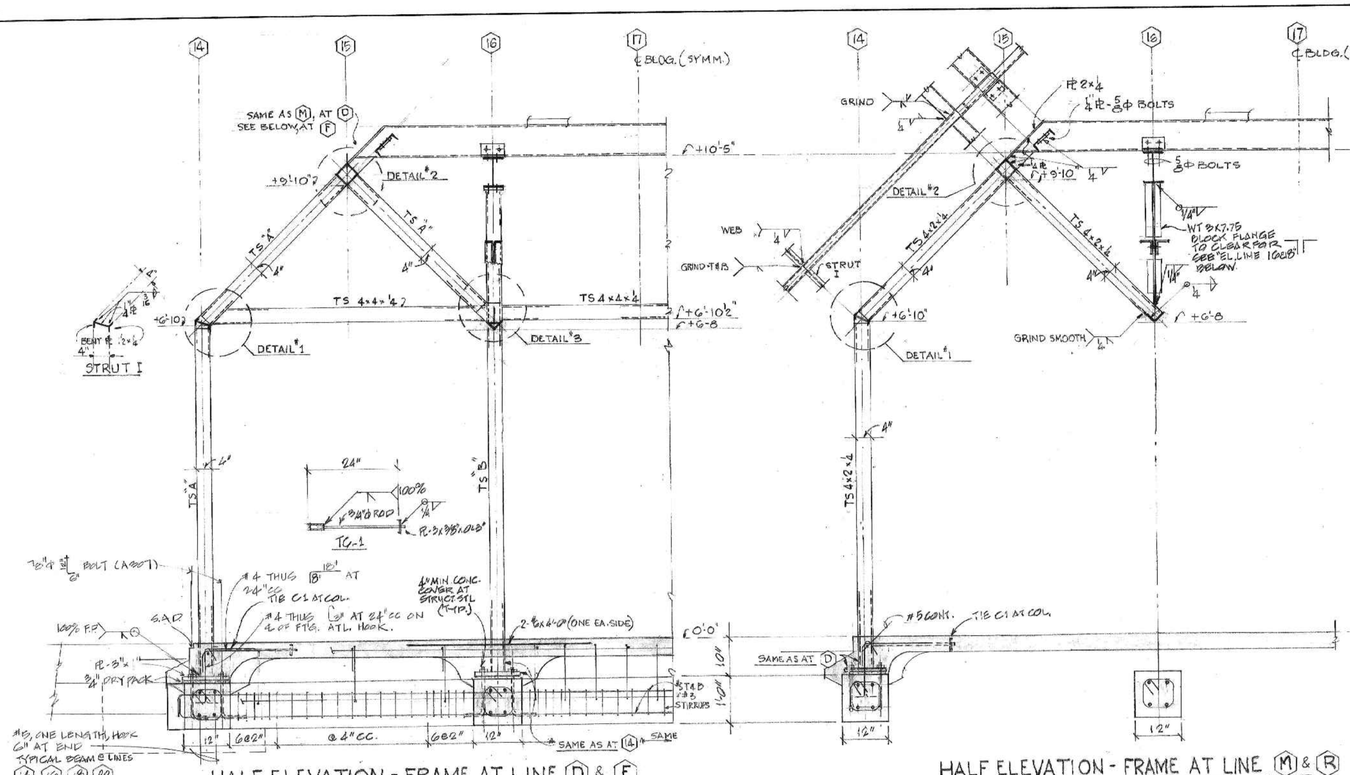
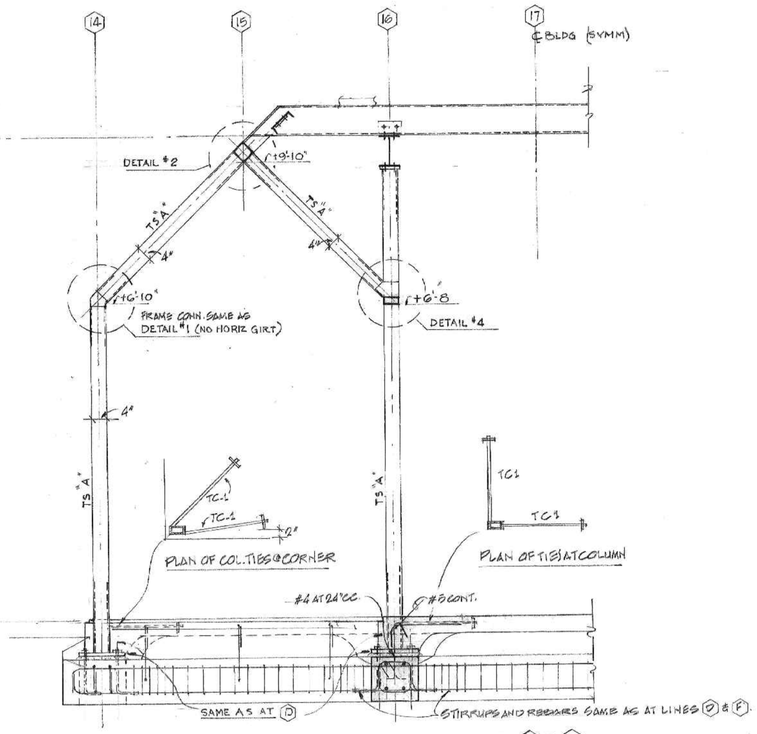
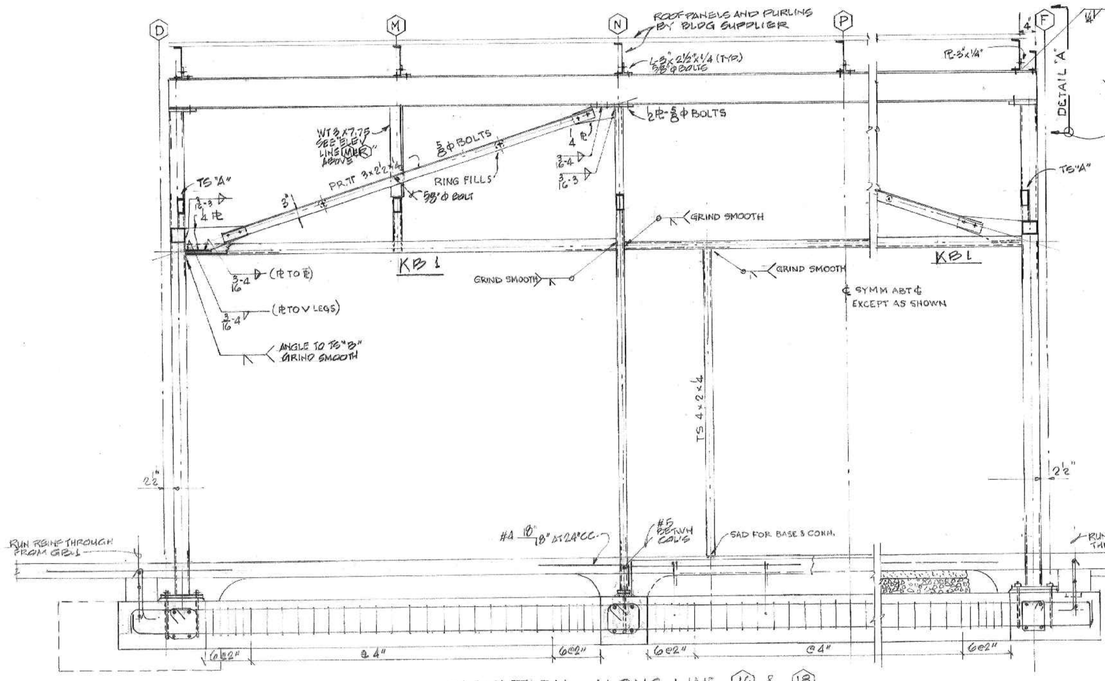


HALF ELEVATION - FRAME AT LINE Ⓓ & Ⓕ

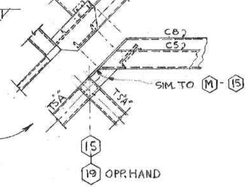
HALF ELEVATION - FRAME AT LINE Ⓜ & Ⓡ



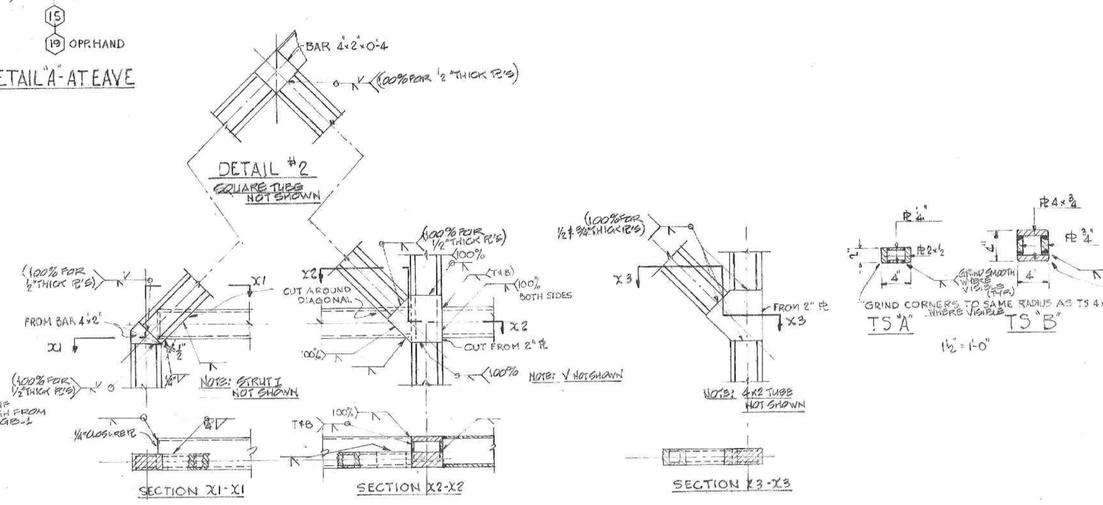
HALF ELEVATION - FRAME AT LINE Ⓝ & Ⓠ

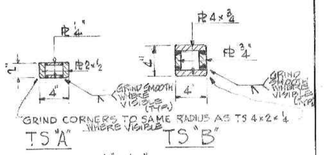


ELEVATION ALONG LINE (16) & (18)
SHOWING KB-1



DETAIL "A" AT EAVE





LOBBY

SCALE OF ELEVS. ¾" = 1'-0

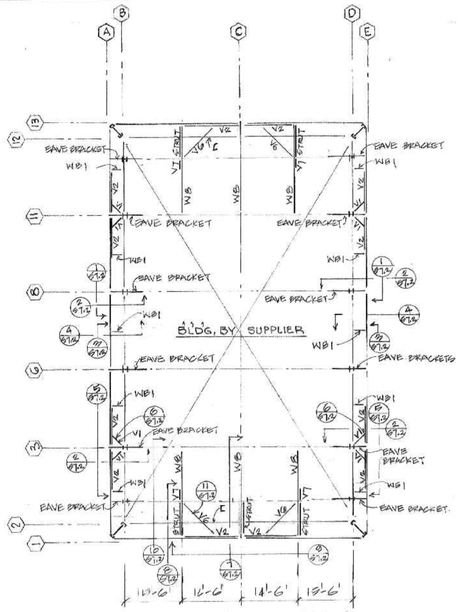
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
E. F. SIEBERT
G. B. BOLLES
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

GRAHAM & KELLAM
STRUCTURAL ENGINEERS
Suite 1000, Russ Building
San Francisco, CA 94105
245 Los Altos Avenue
Los Altos, CA 94022

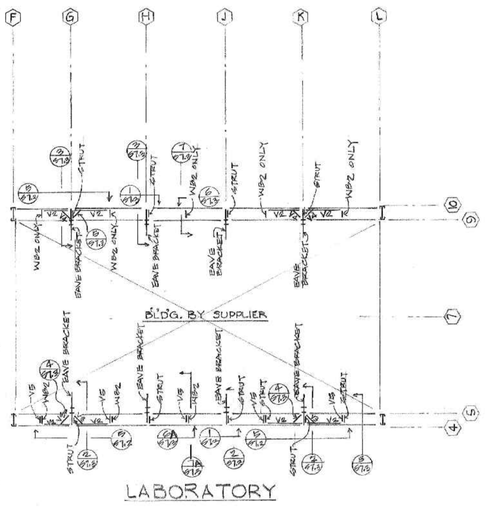
SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJECT NO. 7918
DRAWN W
CHECKED W
DATE 6-11-79
JOB NUMBER 7918

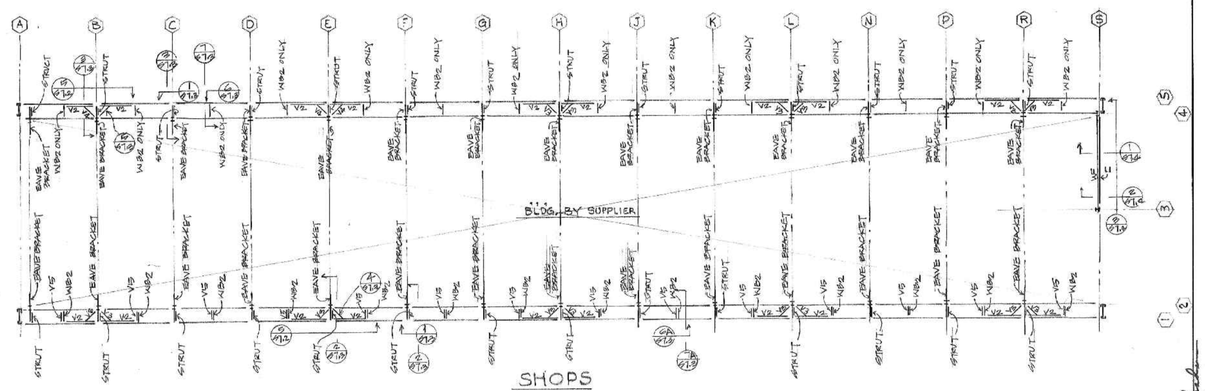
SHEET NUMBER S3-5
OF 5 INDEX



ADMINISTRATION



LABORATORY

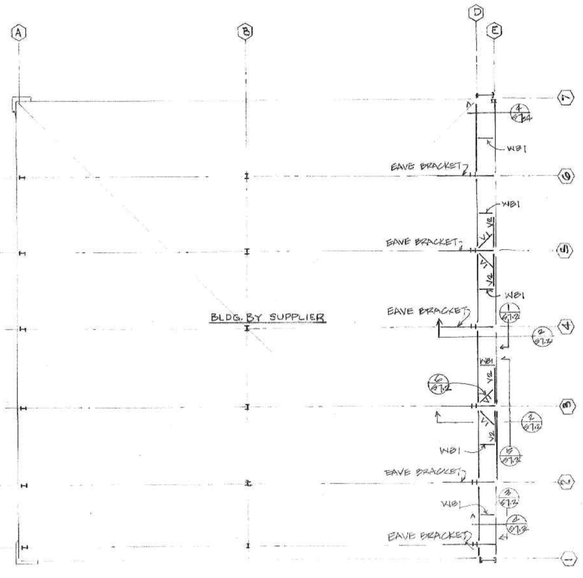


SHOPS

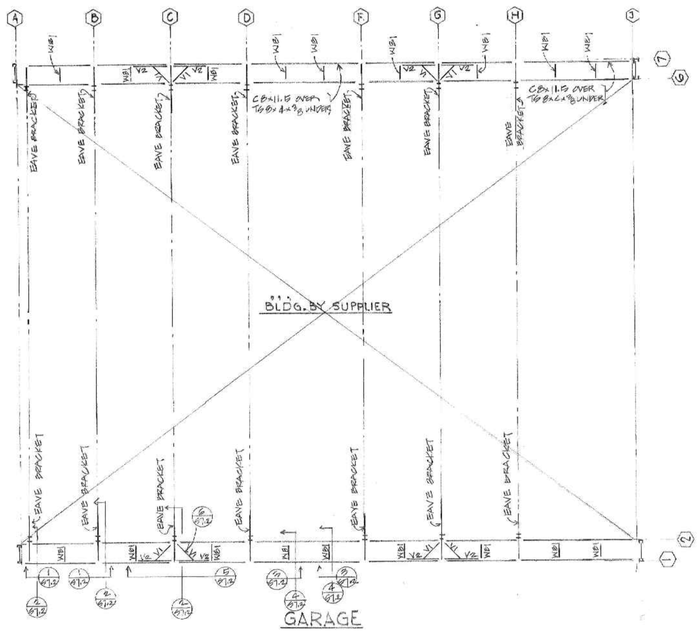
FRAMING AS SHOWN IN EACH BUILDING IS TYPICAL THROUGHOUT BUILDING IN CORRESPONDING LOCATIONS

NOTE

FRAMING AND DETAILS SHOWN ON SHEETS S7.1 THRU S7.6 ARE DEVELOPED USING BUTLER MANUFACTURING COMPANY FRAMING AND PARTS AS STANDARD. OTHER BUILDING SUPPLIERS MAY ADAPT AND REVISE THESE DETAILS ETC. TO ACCOMODATE THEIR COMPONENTS AS REQUIRED, SUBJECT TO THE APPROVAL OF THE OWNER'S ARCHITECT. SUBMIT CALCULATIONS AND DRAWINGS PREPARED BY A STRUCTURAL ENGINEER, LICENSED IN THE STATE OF CALIFORNIA SHOWING ALL SUCH PROPOSED REVISIONS AND ADAPTATIONS. IN NO CASE SHALL A LESSER STRENGTH MEMBER OR DETAIL BE PROPOSED.



WAREHOUSE



GARAGE

SCALE OF PLANS 1/8" = 1'-0"

CITY OF SANTA ROSA FILE NO. 79-117

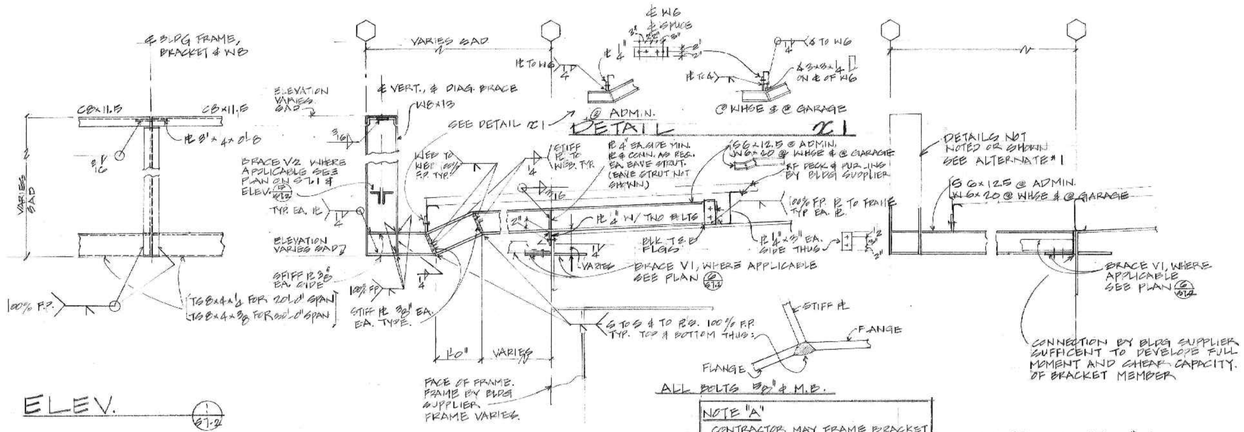
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES / ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4655

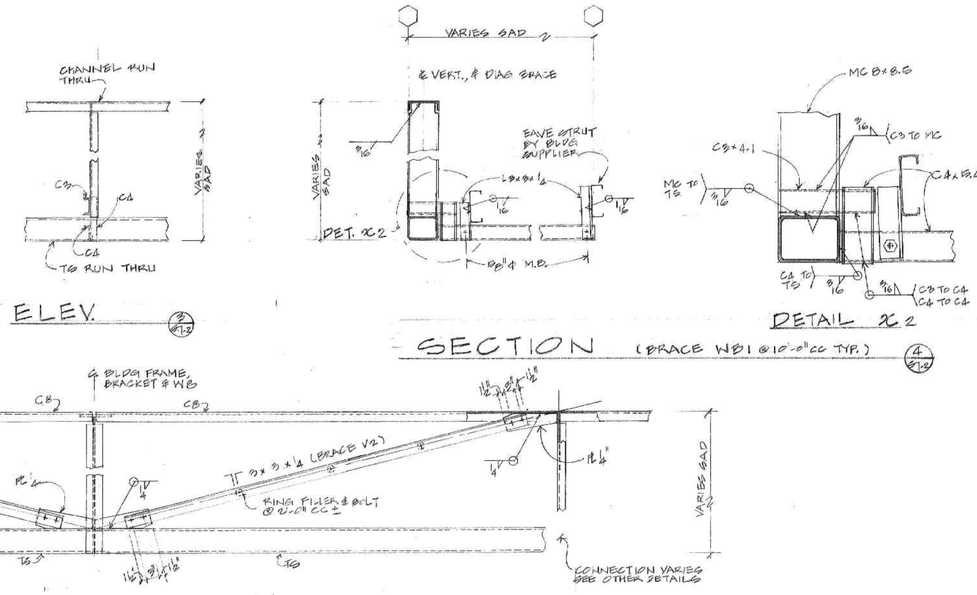
GRAHAM & KELLAM
STRUCTURAL ENGINEERS
56 New Montgomery Street
San Francisco, CA 94105
216 Lou Alice
Los Altos, CA 94022

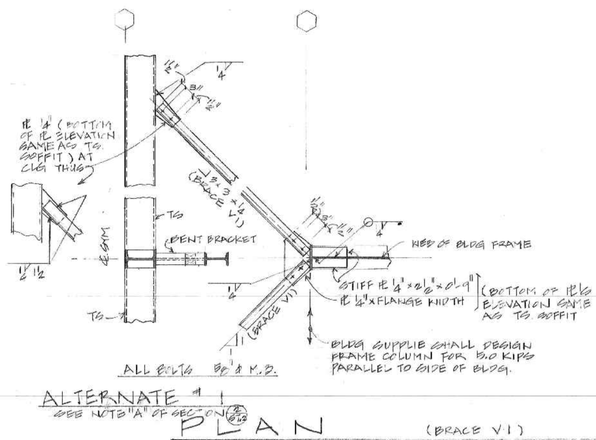
SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

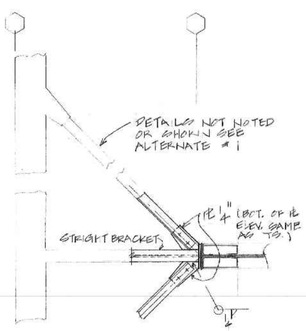
PROJ. ARCH. JC
DRAWN BY
CHECKED BY GS
DATE 3/1/79
JOB NUMBER

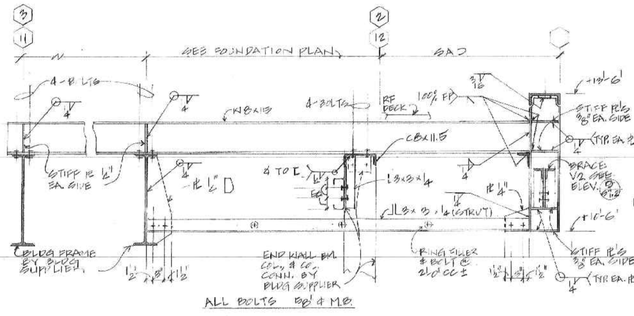
SHEET NUMBER
S7-1
OF 6 INDEX

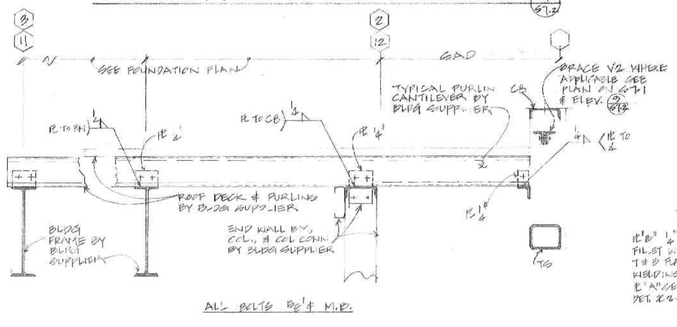


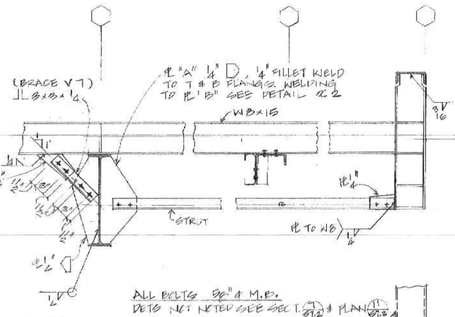


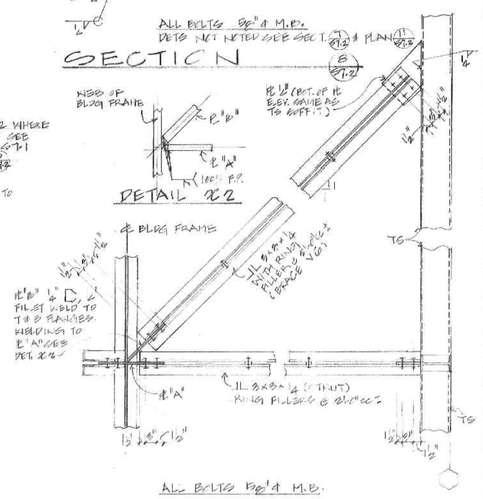


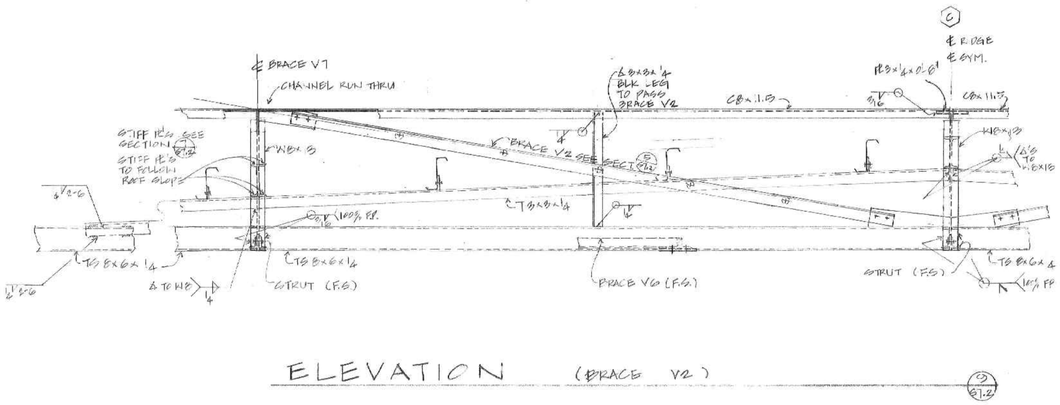












SCALE: 3/4"=1'-0"

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4952

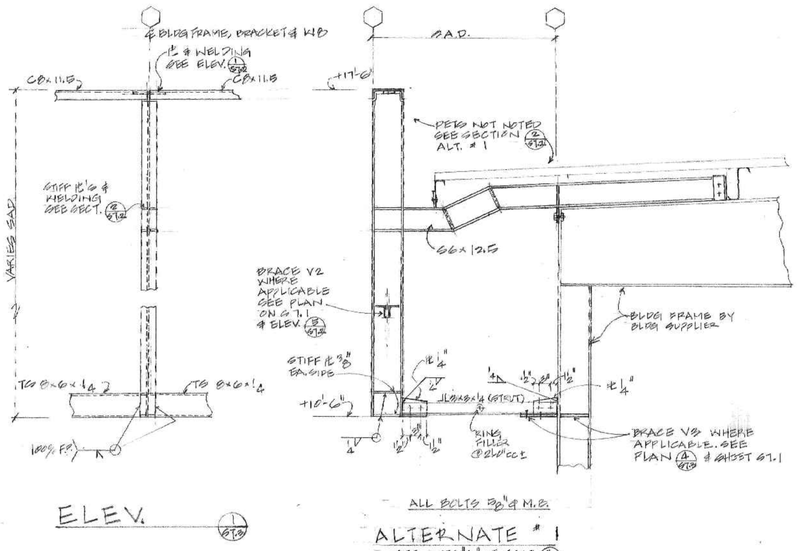
GRAHAM & KELLAM
STRUCTURAL ENGINEERS
55 New Montgomery Street
San Francisco, CA 94105
245 Los Altos Avenue
Los Altos, CA 94022

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJECT NO. 7915
DRAWN BY LJC
CHECKED BY GBB
DATE JAN. 1979

SHEET NUMBER S7-2
OF 6 INDEX

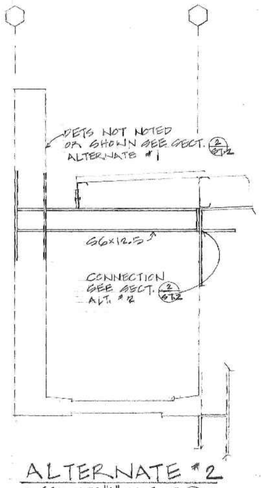
CITY OF SANTA ROSA FILE No. 79-117 EAVE FRAMING DETAILS



ELEV. 1/S7.3

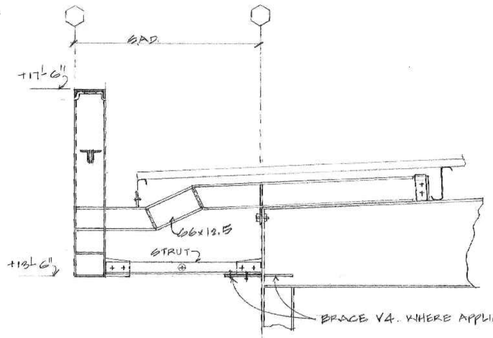
ALL BOLTS 3/4" ø M.B.

ALTERNATE #1
SEE NOTE "A" OF SECT. 2/S7.2



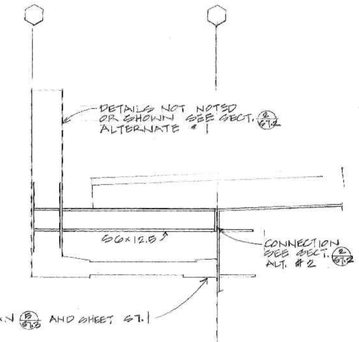
ALTERNATE #2
SEE NOTE "A" OF SECT. 2/S7.2

SECTION (EAVE BRACKET @ FRAME) 2/S7.2



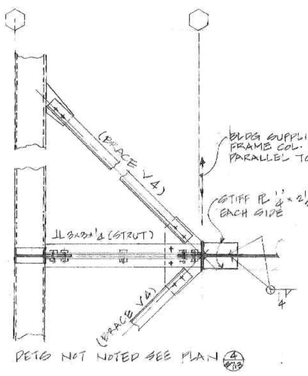
DETS NOT NOTED SEE SECT. 2/S7.2 ALT. #1

ATERNATE #1



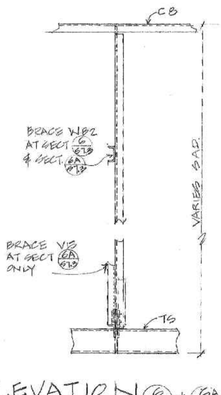
ALTERNATE #2

SECTION (EAVE BRACKET @ FRAME) 3/S7.3

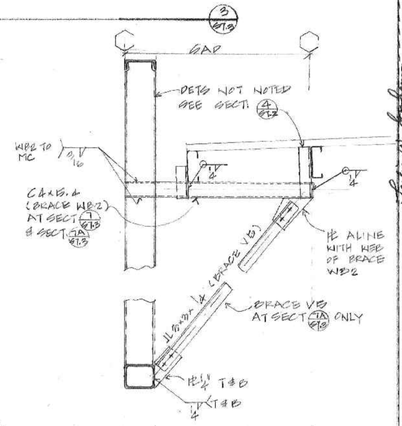


DETS NOT NOTED SEE PLAN 4/S7.3

ALTERNATE #1 & #2



ELEVATION 6/S7.3 & 6A/S7.3



SECT. (BRACE W8x2 & BRACE V3 @ 10'-0" OCC TYP.) 7/S7.3 & 7A/S7.3

PLAN (BRACE V4) 5/S7.3

ALTERNATE #1 & #2

PLAN (BRACE V3) 4/S7.3

SECTION 8/S7.3

SCALE: 3/4" = 1'-0"

CITY OF SANTA ROSA FILE No. 99-117 LATE REVISION DET 15

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES, ARCHITECTS
G. B. BOLLES E. F. SIEBERT
401D MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

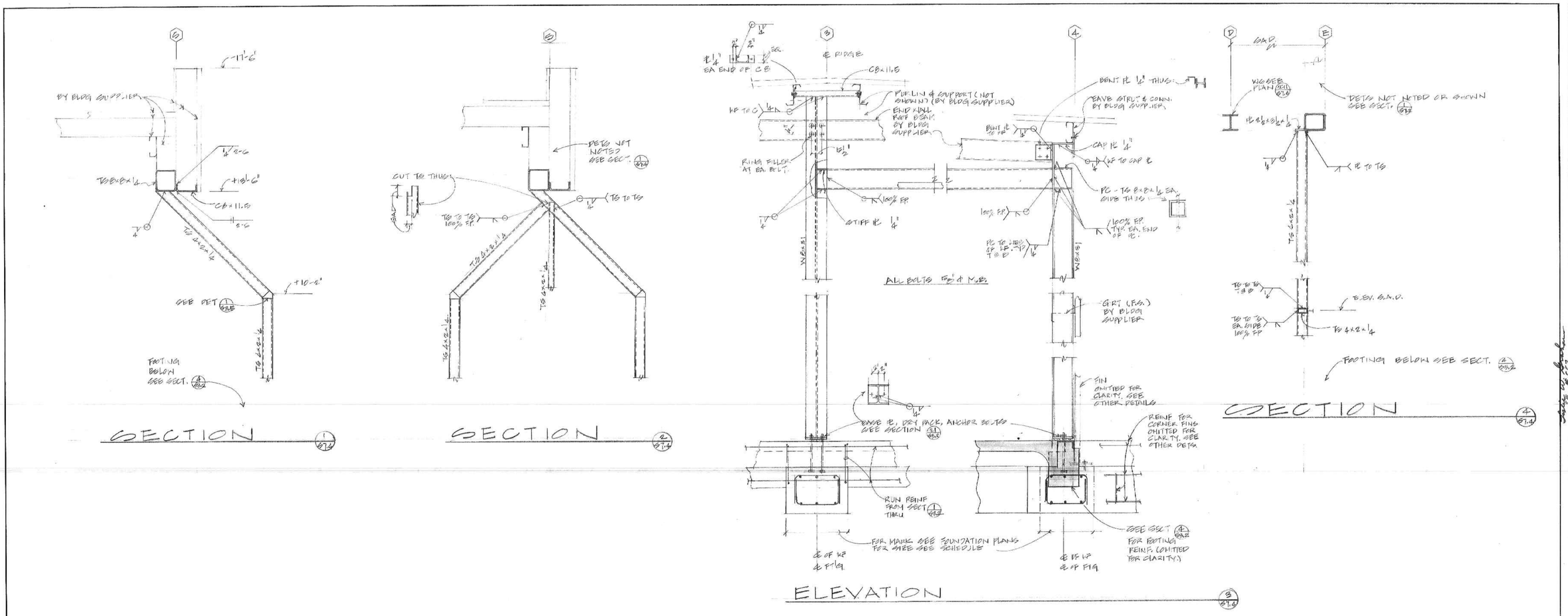
GRAHAM & KELLAM
STRUCTURAL ENGINEERS
55 New Montgomery Street
San Francisco, California
245 Los Altos Avenue
Los Altos, CA 94022

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

DRAWN BY L.C.H.
CHECKED BY
DATE 6-1-79
JOB NUMBER 7722

SHEET NUMBER S7-3

OF 6 INDEX



SCALE: 3/4" = 1'-0"

CITY OF SANTA ROSA FILE No. 79 — 117 EAVE FRAMING DETAILS S7-4

50 OF 72

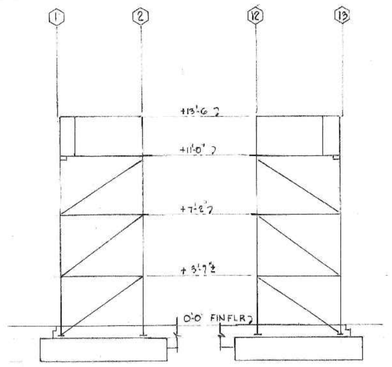
SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4852

GRAHAM & KELLAM
STRUCTURAL ENGINEERS
55 New Montgomery Street
San Francisco, CA 94105
245 Los Altos Avenue
Los Altos, CA 94022

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

PROJ. ARCH. SLJS
DRAWN BY LC
CHECKED BY LC
DATE 6-11-79
JOB NUMBER 7226

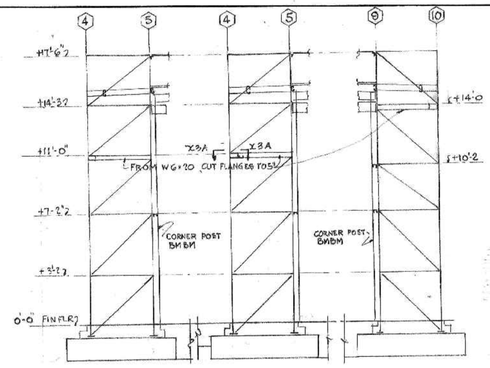
SHEET NUMBER
S7-4
OF 6 INDEX



AT LINE B AT LINE D

KEY LINE DIAGRAMS - CORNER FIN FRAMES

¼" = 1'-0"

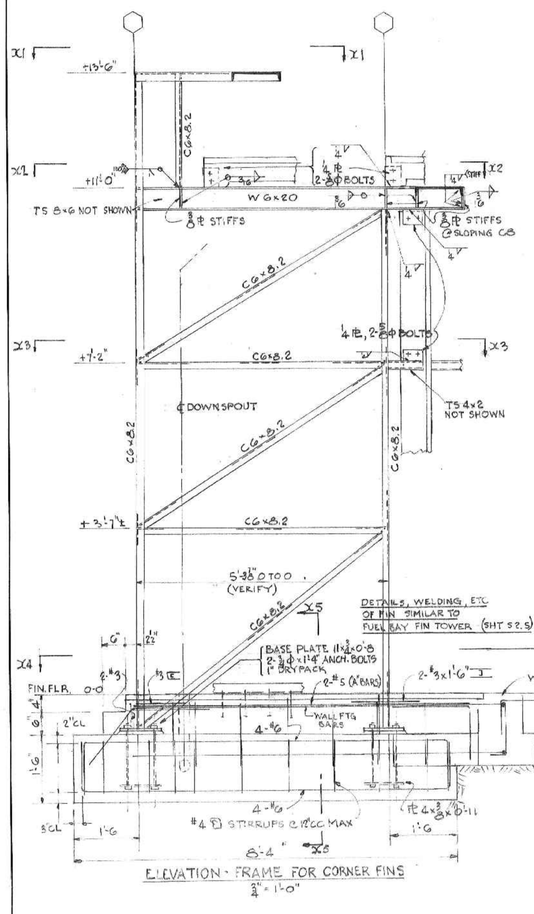


ALL DETAILS SHOWN APPLY AT ALL FIN FRAMES. DETAILS AS DRAWN MAY BE OPP. HAND, ETC. AS REQ'D. IN OTHER LOCATIONS

AT LINE F AT LINE L AT LINE F&L

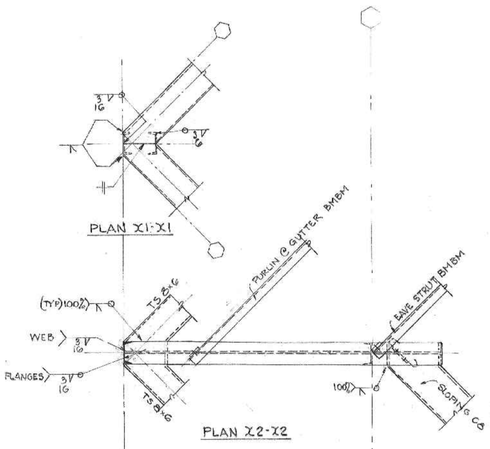
KEY LINE DIAGRAMS - CORNER FIN FRAMES

¼" = 1'-0"

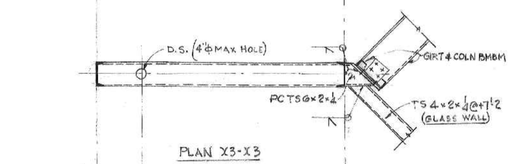


ELEVATION - FRAME FOR CORNER FINS

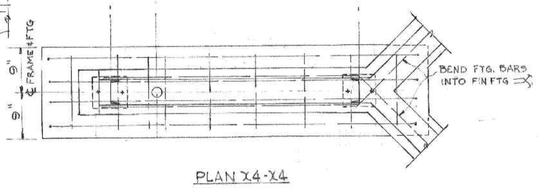
¾" = 1'-0"



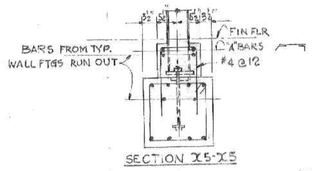
PLAN X2-X2



PLAN X3-X3



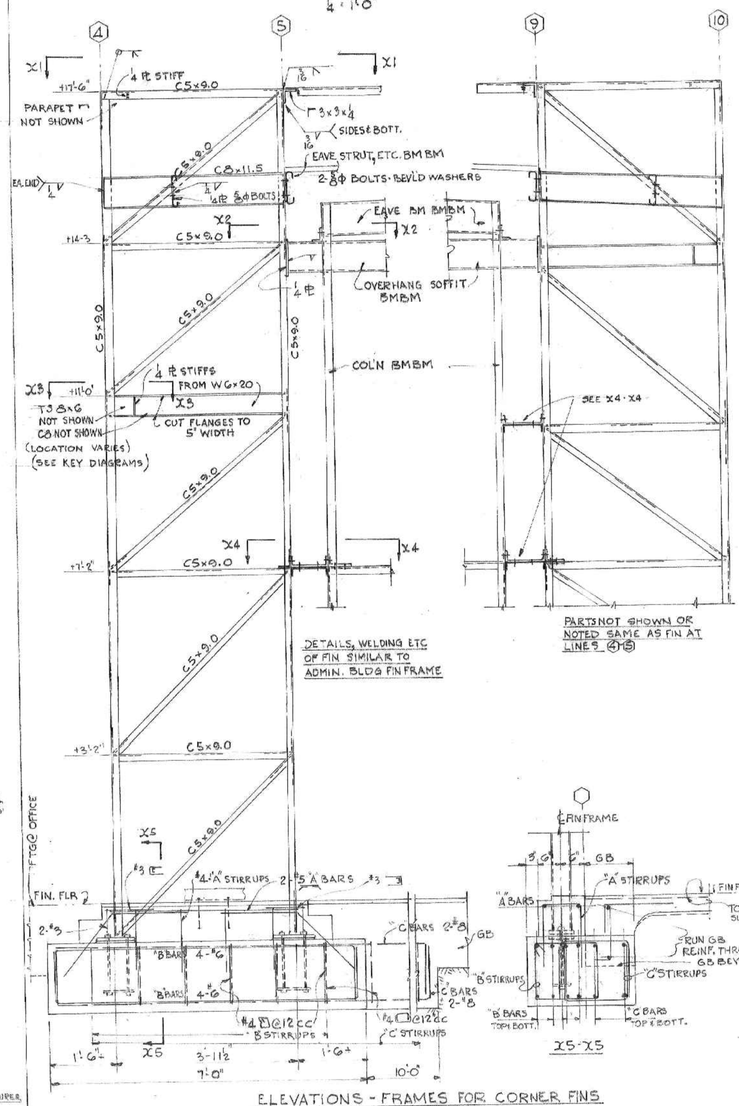
PLAN X4-X4



SECTION X5-X5

NOTE "BMBM" = BY METAL BLDG. MANUFACTURER

ADMINISTRATION BUILDING



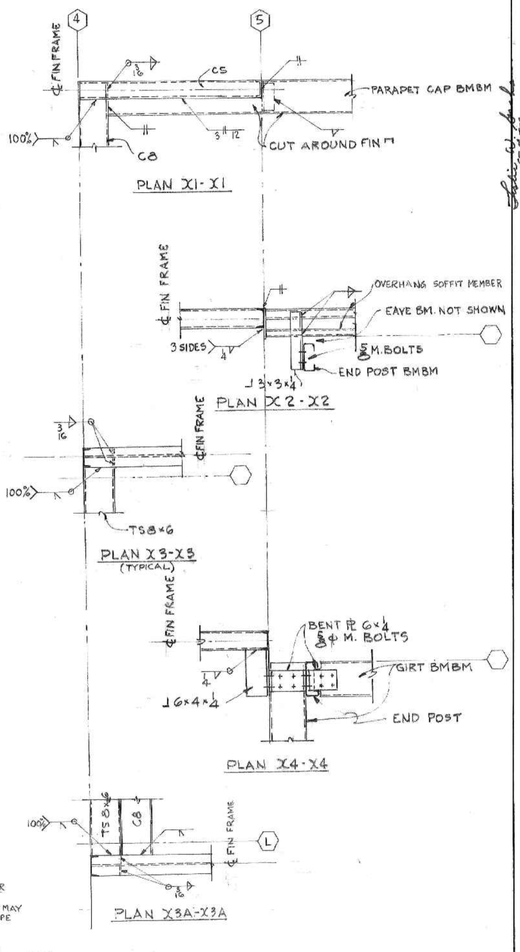
DETAILS, WELDING ETC OF FIN SIMILAR TO ADMIN. BLDG FIN FRAME

PARTS NOT SHOWN OR NOTED SAME AS FIN AT LINES 4 & 5

X5-X5

ELEVATIONS - FRAMES FOR CORNER FINS

¾" = 1'-0"



LABORATORY BUILDING

CITY OF SANTA ROSA FILE No. 99 - 117

CORNER FIN DETAILS S7-5 5 of 12

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES / ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4040 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

GRAHAM & KELLAM
STRUCTURAL ENGINEERS
56 New Montgomery Street
San Francisco, CA 94105
245 Los Altos Avenue
Los Altos, CA 94022

REVISIONS

SANTA ROSA MUNICIPAL SERVICE CENTER

SANTA ROSA CALIFORNIA

JOB NUMBER 7612

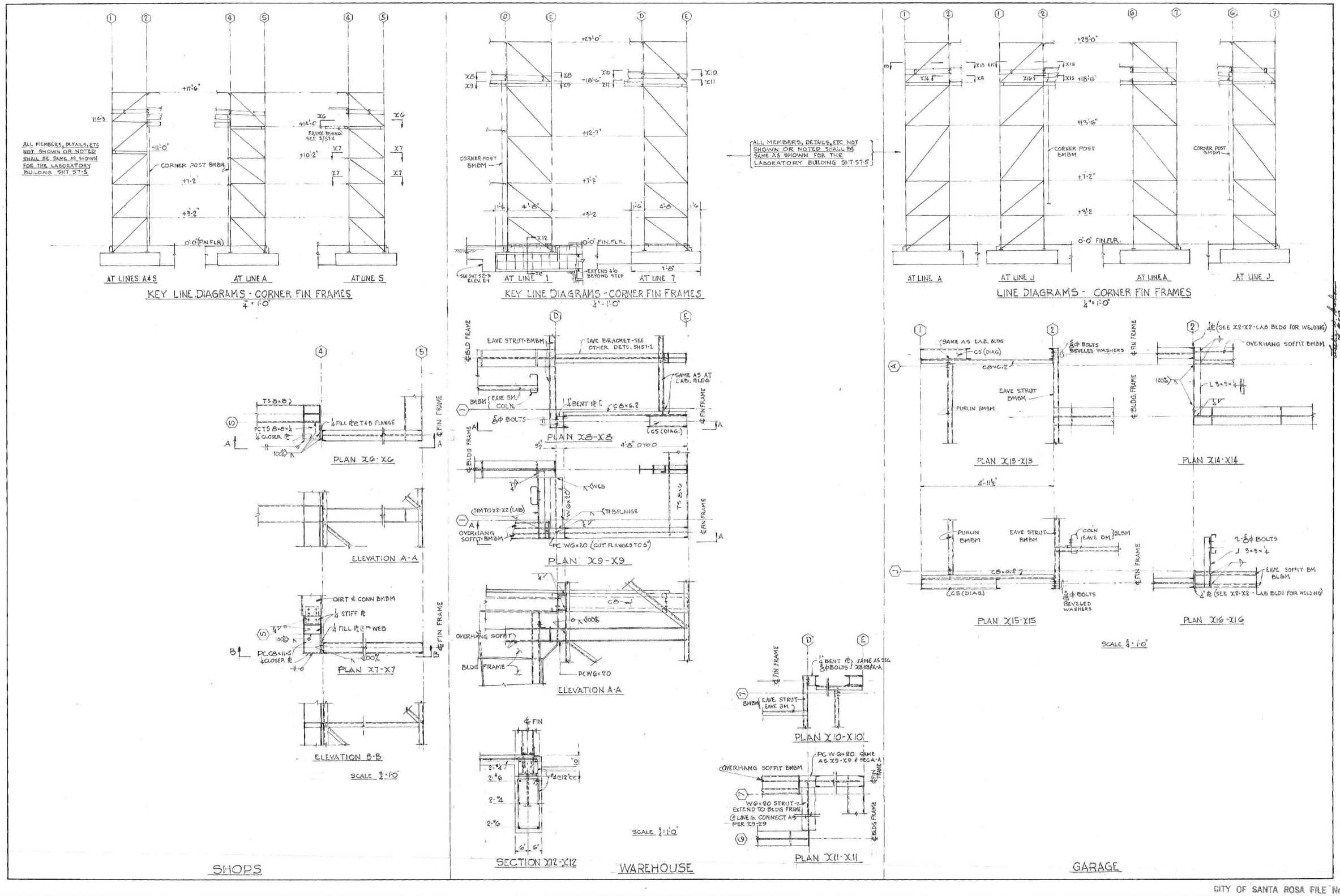
DATE 1-27-78

CHECKED BY

DRAWN BY

SHEET NUMBER S7-5

OF 6 INDEX



GRAHAM & KELLAM
STRUCTURAL ENGINEERS
55 New Montgomery Street
San Francisco, CA 94105
245 Los Altos Avenue
Los Altos, CA 94022

SCHUYLER L. JEFFRIES, A.I.A.
ASSOCIATES - ARCHITECTS
G. B. BOLLES E. F. SIEBERT
4010 MONTECITO AVENUE POST OFFICE BOX 1000
SANTA ROSA, CALIFORNIA 95402 (707) 542-4652

SANTA ROSA MUNICIPAL SERVICE CENTER
SANTA ROSA CALIFORNIA

SHEET NUMBER
S7-6
OF 6 INDEX

CITY OF SANTA ROSA FILE No. 79 - 117

CORNER FIN DETAILS S7-6 .52