BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL

MODERNIZATION PROJECT

ABBREVIATIONS

A.B.	ANCHOR BOLT	MAT'L.	MATERIAL
A/C	AIR CONDITIONING	MAX.	MAXIMUM
A.C.	ASPHALTIC CONCRETE	M.B.	MACHINE BOLT
ACOUST.	ACOUSTICAL	MECH.	MECHANICAL
ADJ.	ADJUSTABLE	MFR.	MANUFACTURER
ALUM.	ALUMINUM	MIN.	MINIMUM
ANOD.	ANODIZED	MTL.	METAL
ARCH.	ARCHITECT(URAL)	MT&WS	METAL THRESHOLD & WEATHER STRIPPING
A.T.	ACOUSTICAL TILE		
BD.	BOARD	N.	NORTH
BIT.	BITUMINOUS	N.I.C.	NOT IN CONTRACT
BLDG.	BUILDING	N.R.C.	NOISE REDUCTION COEFFICIENT
BLK.	BLOCK		
BLKG.	BLOCKING	N.T.S.	NOT TO SCALE
BLT.	BOLT	N/A	NO WORK IN AREA
BM.	BEAM	OBS.	OBSCURE
B.M.	BENCH MARK	O.C.	ON CENTER
BOT.	BOTTOM	O.D.	OUTSIDE DIAMETER
BRG.	BEARING	O.H.C.	OVERHEAD CABINET
B.U.R.	BUILT UP ROOFING	OPNG.	OPENING
		O/	OVER
CABT.	CABINET		
CEM.	CEMENT	PARTN.	PARTITION
CER.	CERAMIC	P.G.	POINT GRADE
C.I.	CAST IRON	P.L.	PROPERTY LINE
C.J.	CONTROL JOINT	PL.	PLATE
CLG.	CEILING	PLAS.	PLASTER
CLR.	CLEAR	P.L.F.	POUNDS PER LINEAL FOOT
C.M.U.	CONCRETE MASONRY UNIT	PLWD.	PLYWOOD
COMPO.	COMPOSITION	P.M.	PRESSED METAL
CONC.	CONCRETE	P/P	PUSH-PULL
CONST.	CONSTRUCTION	PR.	PAIR
CONT.	CONTINUOUS	P.S.I.	POUNDS PER SQUARE INCH
C.T.	CABLE TELEVISION	P.V.C.	POLYVINYL CHLORIDE
CYL.	CYLINDER		
		Q.T.	QUARRY TILE
DBL.	DOUBLE		
D.F.	DOUGLAS FIR	RAD.	RADIUS
DIAG.	DIAGONAL	R.A.G.	RETURN AIR GRILL
DIAM.	DIAMETER	R.D.	ROOF DRAIN
DIM.	DIMENSION	REF.	REFRIGERATOR
DIV.	DIVISION	REINF.	REINFORCED
DR.	DOOR	REQ'D.	REQUIRED
D.S.	DOWN SPOUT	RET.	RETURN
DTL.	DETAIL	RM.	ROOM
		R.O.	ROUGH OPENING
E.	EAST	RO.S.	ROUGH SAWN
EA.	EACH	R.S.	RE-SAWN
E.D.F.	ELECTRIC DRINKING FOUNTAIN	R.T.S.B.	RUBBER TOP SET BASE
		RWD.	REDWOOD
E.J.	EXPANSION JOINT		
EL.	ELEVATION	S.	SOUTH
ELEC.	ELECTRIC	S.C.	SOLID CORE
ELEV.	ELEVATOR	SCHED.	SCHEDULE
ENCLOS.	ENCLOSURE	SECT.	SECTION
EQ.	EQUAL	SERV.	SERVICE
EQUIP.	EQUIPMENT	SHT.	SHEET
E.W.C.	ELECTRIC WATER COOLER	SH'TH'G.	SHEATHING
EXIST'G. (E)	EXISTING	SIM.	SIMILAR
EXP.	EXPANSION	SL.	SLIDING
EXT.	EXTERIOR	SPECS.	SPECIFICATIONS
		SQ.	SQUARE
F.D.	FLOOR DRAIN	S.S.	STAINLESS STEEL
F.E.C.	FIRE EXTINGUISHER CABINET	S/S	SERVICE SINK
		STD.	STANDARD
F.G.	FIXED GLASS	STL.	STEEL
F.H.C.	FIRE HOSE CABINET	STOR.	STORAGE
FIN.	FINISH	STRUCT.	STRUCTURAL
FIN.GR.	FINISH GRADE	SUSP.	SUSPENDED
F.L.	FLOW LINE		
FLR.	FLOOR	TEL.	TELEPHONE
FLSH'G	FLASHING	TEMP.	TEMPERED
FLUOR.	FLOURESCENT	T&G	TONGUE & GROOVE
F.O.B.	FACE OF BLOCK	THRESH.	THRESHOLD
F.O.C.	FACE OF CONCRETE	T.O.C.	TOP OF CONCRETE
F.O.F.	FACE OF FINISH	TOIL.	TOILET
F.O.M.	FACE OF MASONRY	TOL.	TOLERANCE
F.O.S.	FACE OF STUD	T.O.D.	TOP OF DECK
FT.	FOOT	T.O.P.	TOP OF PARAPET
FTG.	FOOTING	T.O.S.	TOP OF SHEATHING
		T.O.W.	TOP OF WALL
GA.	GAUGE	T.S.	TOP SET
GALV.	GALVANIZED	T.V.	TELEVISION
GEN.	GENERAL	TYP.	TYPICAL
G.I.	GALVANIZED IRON	U.L.	UNDERWRITER'S LABORATORIES
GL.	GLASS		
GLU-LAM.	GLUE LAMINATED BEAM	URIN.	URINAL
GYP.BD.	GYPSUM BOARD	U.O.N.	UNLESS OTHERWISE NOTED
H.B.	HOSE BIB	VERT.	VERTICAL
H.C.	HOLLOW CORE	VEST.	VESTIBULE
HC.	HANDICAPPED		
HD.	HEAD	W.	WEST
HDR.	HEADER	W/	WITH
HDW.	HARDWARE	WAINS.	WAINSCOT
HDWD.	HARDWOOD	W.C.	WATER CLOSET
HGT.	HEIGHT	WD.	WOOD
H.M.	HOLLOW METAL	W/H	WATER HEATER
HORIZ.	HORIZONTAL	WND.	WINDOW
HVAC	HEAT/VENTILATING AIR CONDITIONING	W/O	WITHOUT
		W.R.	WATER RESISTANT
		W.S.	WOOD SCREW
I.D.	INSIDE DIAMETER	W.W.F.	WELDED WIRE FABRIC
INCAND.	INCANDESCENT	W.W.M.	WOVEN WIRE MESH
INT.	INTERIOR		
JAN.	JANITOR	∠	ANGLE
JST.	JOIST	℄	CENTER LINE
		@	AT
LAM.	LAMINATE	℄	PROPERTY LINE
LAM.PLAS.	LAMINATE PLASTIC	ϕ	ROUND (DIAMETER)
LAV.	LAVATORY		

GENERAL NOTES

1. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL CONFORM WITH THE LATEST APPLICABLE PORTIONS AND ADDITIONS OF THE FOLLOWING CODES:

   CALIFORNIA ADMINISTRATIVE CODE, TITLE 21, PUBLIC WORKS

   CALIFORNIA ADMINISTRATIVE CODE, TITLE 24, BUILDING STANDARDS

   CALIFORNIA ADMINISTRATIVE CODE, TITLE 19, PUBLIC SAFETY

   UNIFORM BUILDING CODE, (1979 EDITION)

   UNIFORM BUILDING CODE (1985 EDITION, STATE FIRE MARSHAL)

   FOOD HANDLING FACILITIES SHALL COMPLY WITH ALL LOCAL HEALTH REQUIREMENTS AND CALIFORNIA UNIFORM RETAIL FOOD FACILITIES LAW.

   CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT (CAL-OSHA).

   RULES AND REGULATIONS OF THE STATE AND LOCAL FIRE MARSHALS.

   SAFETY ORDERS OF THE INDUSTRIAL ACCIDENT COMMISSION, STATE OF CALIFORNIA.

   NATIONAL ELECTRIC CODE, (1978 EDITION, STATE FIRE MARSHAL)

   UNIFORM MECHANICAL CODE, (1985 EDITION, STATE FIRE MARSHAL)

   UNIFORM PLUMBING CODE, (LATEST ADOPTED EDITION).

   ALL LAWS GOVERNING THE EMPLOYMENT OF LABOR, POSTING OF MINIMUM WAGE RATES, AND ACCIDENT PREVENTION.

2. THE CONTRACTOR SHALL VERIFY THE CONDITIONS OF THE SITE AND REPORT ALL DISCREPANCIES BETWEEN THESE PLANS AND EXISTING CONDITIONS TO THE ARCHITECT PRIOR TO SUBMITTAL OF BID. SITE VISITS DURING BIDDING SHALL BE COORDINATED WITH THE OWNER PER THE SPECIFICATIONS.

3. CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK, REPORT DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING.

4. DETAILS MARKED TYPICAL ON DRAWINGS ARE INTENDED TO SHOW TYPICAL CONDITIONS FOR THE ENTIRE PROJECT AND ARE TO APPLY WHERE SIMILAR CONDITIONS OCCUR.

4.1 PRIOR TO CONSTRUCTION, THE GENERAL CONTRACTOR SHALL COORDINATE W/THE SCHOOL DISTRICT TO LOCATE ANY (E) IRRIGATION &/OR LANDSCAPING WHICH WILL INTERFERE W/CONSTRUCTION. THE SCHOOL DISTRICT SHALL BE RESPONSIBLE FOR REMOVING & RELOCATING OR REROUTING (E) LANDSCAPING &/OR IRRIGATION SYSTEM.

5. CONTRACTOR SHALL PROTECT ALL EXISTING WORK. ANY DAMAGED WORK SHALL BE REPLACED WITH MATCHING MATERIALS, COLOR, AND TEXTURE, AT CONTRACTORS COST.

6. EXISTING WORK IS SHOWN FOR REFERENCE ONLY. THE OWNER AND / OR ARCHITECT DOES NOT GUARANTEE EXISTING CONDITIONS AS SHOWN ON THESE DRAWINGS.

7. RELATED WORK INCIDENTAL TO THE COMPLETION OF AN INDIVIDUAL CONTRACTOR'S SCOPE OF WORK (i.e. REMOVAL, UTILITY DISCONNECT/ RECONNECT, INSULATION, PATCH & MATCH, ETC.) – UNLESS SPECIFICALLY NOTED TO BE PERFORMED BY OTHERS – SHALL BE THE RESPONSIBILITY OF THE PRIME CONTRACTOR FOR THE GIVEN WORK INDICATED. BIDDERS SHOULD CAREFULLY EXAMINE PLANS & SPECIFICATIONS FOR SEGREGATED CONTRACTORS TO CLARIFY DIVISION & SCOPE OF INTERRELATED WORK.

8. INDIVIDUAL CONTRACTORS SHALL BE RESPONSIBLE FOR THEIR OWN CLEAN-UP AS WORK PROGRESSES.

9. THE CONTRACTOR SHALL EXAMINE CAREFULLY THE BID PROPOSAL, PLANS, SPECIFICATIONS, AND CONTRACT FORMS. IT IS INTENDED THAT ALL CONTRACT DOCUMENTS SHOULD AGREE, EACH WITH THE OTHER, BUT SHOULD ANY DISCREPANCY OR ERROR OCCUR, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AT ONCE SO THAT THE DISCREPANCY OR ERROR MAY BE RECTIFIED.

10. ITEMS NOTED TO BE REMOVED SHALL BE LABELED, STOCKPILED AND DELIVERED TO LOCATION DESIGNATED FOR STORAGE BY OWNER.

11. NO STRUCTURAL MEMBERS SHALL BE NOTCHED OR CUT, NOR CAN THERE BE ANY HOLES BORED IN THEM UNLESS THEY ARE DETAILED ON DRAWINGS AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT PER TITLE 24, SECTIONS 2-2518 (d) 3, -(g) 10 FOR WOOD ; 2-2606 (c) FOR CONCRETE AND UBC 79 SECT. 2417 (f) FOR MASONRY AS APPLICABLE.
   ONLY HOLES ALLOWED WITHOUT APPROVED DETAILS ARE THOSE THAT COMPLY TO FOLLOWING CODE SECTIONS:
   (a) WOOD: SECTIONS 2-2518 (b) ; 2-2518 (g) 11, TITLE 24
   (b) MASONRY: UBC 79 SECTION 2417 (f)
   (c) CONCRETE: SECTION 2-2606 (c) TITLE 24

SITE ANALYSIS

PROJECT DESCRIPTION:

MODERNIZATION OF EXISTING SCHOOL FACILITIES OVER 30 YEARS OLD. GENERALLY THE SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO SUCH ITEMS AS, FLOORING, CABINET WORK, WALL FINISHES, SUSPENDED T-BAR ACOUSTIC CEILINGS, HANDICAP ACCESSIBILITY, ELECTRICAL, PLUMBING, AND UNCONVENTIONAL ENERGY SOURCES.

(REFER TO SITE PLAN FOR EXISTING BUILDING O.S.A. APPLICATION NUMBERS)

EXISTING SCHOOL BUILDINGS
CONSTRUCTION TYPE: V-N

OCCUPANCY GROUP: E-1

APPROXIMATE TOTAL MODERNIZATION SQUARE FOOTAGE: 38,098
(REFER TO SITE PLAN, SHEET A-1, FOR APPROXIMATE SQUARE FOOTAGE OF EACH BUILDING)

LEGAL DESCRIPTION

WASHINGTON JUNIOR HIGH SCHOOL
1101 NOBLE AVENUE
BAKERSFIELD, CALIFORNIA 93305

(EXISTING SCHOOL SITE)

SHEET INDEX

SHEET	DESCRIPTION
ARCHITECTURAL	
A-0	COVER SHEET
A-1	SITE PLAN
A-2	FLOOR PLANS BUILDINGS A, B, C
A-3	FLOOR PLANS BUILDINGS D, E, F
A-4	FLOOR PLANS BUILDINGS G, H
A-5	ENLARGED PARTIAL FLOOR PLANS
A-6	ENLARGED PARTIAL FLOOR PLANS
A-7	INTERIOR ELEVATIONS
A-8	INTERIOR ELEVATIONS
A-9	INTERIOR ELEVATIONS
A-10	INTERIOR ELEVATIONS
A-11	ROOM FINISH SCHEDULE
A-12	DOOR SCHEDULE
A-13	REFLECTED CEILING PLANS BUILDINGS A, B, C
A-14	REFLECTED CEILING PLANS BUILDINGS D, E, F
A-15	REFLECTED CEILING PLANS BUILDINGS G, H , DETAILS
A-16	ROOF PLAN
A-17	EXTERIOR ELEVATIONS BUILDING B, C, D, E
A-18	EXTERIOR ELEVATIONS BUILDINGS G, H
A-19	BUILDING SECTIONS
A-20	MECHANICAL EQUIPMENT ENCLOSURE
A-21	DETAILS
A-22	DETAILS
CIVIL	
C-1	PARTIAL GRADING PLAN
STRUCTURAL	
S-1	GENERAL NOTES AND TYPICAL DETAILS
S-2	MECHANICAL EQUIPMENT ENCLOSURE
S-3	PARTIAL ROOF FRAMING PLANS AND DETAILS
MECHANICAL	
P-1	PLUMBING SITE PLAN NOTES, DETAILS
P-2	PLUMBING FLOOR PLANS
P-3	PARTIAL PLUMBING FLOOR PLANS (BLDGS. A, D & E)
P-4	PLUMBING FLOOR PLANS
P-5	PLUMBING FLOOR PLANS, DETAILS
M-1	SITE PLAN
M-2	SCHEDULES AND DETAILS
M-3	DETAILS
M-4	MECHANICAL EQUIPMENT AREA, SYS. PIPING DIAGRAM + CONTROL
M-5	AIR CONDITIONING PLAN, BUILDINGS A,B,C
M-6	AIR CONDITIONING PLAN, BUILDINGS D,E,F
M-7	AIR CONDITIONING PLAN, BUILDINGS G,H
M-8	DETAILS
ELECTRICAL	
E-1	ELECTRICAL SITE PLAN
E-2	ELECTRICAL LIGHTING PLANS, BUILDINGS A, B, C
E-3	ELECTRICAL LIGHTING PLANS, BUILDINGS D, E, F
E-4	ELECTRICAL LIGHTING PLANS, BUILDINGS G, H
E-5	MECHANICAL EQUIPMENT ENCLOSURE
E-6	ELECTRICAL POWER AND SIGNAL FLOOR PLAN, BLDGS. A, B, C
E-7	ELECTRICAL POWER AND SIGNAL FLOOR PLAN, BLDGS. D, E, F
E-8	ELECTRICAL POWER AND SIGNAL FLOOR PLAN, BLDGS. G, H

SYMBOLS

- 2 / A-10 — DETAIL NUMBER / SHEET NUMBER ON WHICH DETAIL IS DRAWN
- B / A-10 — SECTION LETTER / SHEET NUMBER ON WHICH SECTION IS DRAWN
- A3 — BUILDING LETTER / DOOR NUMBER
- 3A5 / A-10 OFFICE — ROOM TYPE PER S.P. FORMS / BUILDING LETTER / ROOM NUMBER / ROOM NAME / SHEET NUMBER ON WHICH INTERIOR ELEVATION IS DRAWN
- 2 — DEMOLITION NOTE NUMBER
- 2 — MODERNIZATION NOTE NUMBER

CONSULTANTS

STRUCTURAL :

ED CRESWELL, STRUCTURAL ENGINEER
1716 OAK STREET, SUITE 21
BAKERSFIELD, CA 93301
(805) 324-8255 FAX (805) 324-3416
CONTACT: ED CRESWELL

MECHANICAL:

JOHN FRANK MITCHELL, INC.
4644 WEST JENNIFER, SUITE 107
FRESNO, CA 93722
(209) 275-3399 FAX: (209) 275-1399
CONTACT: FRANK MITCHELL

ELECTRICAL:

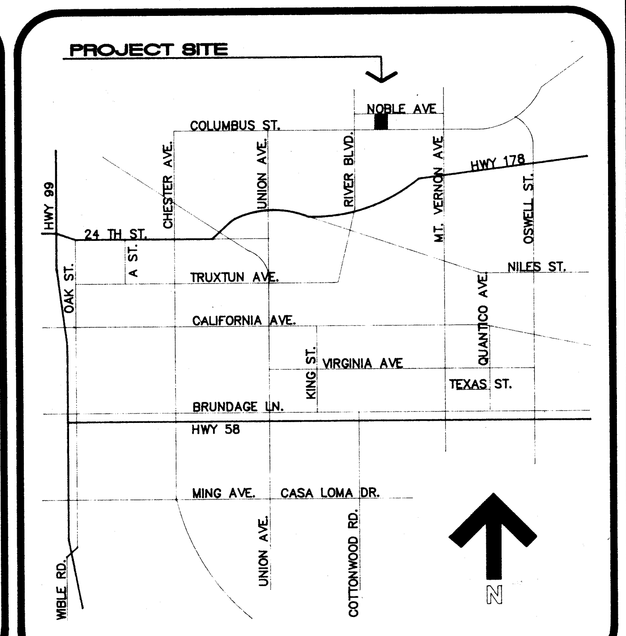
EUGENE WU
337 NORTH BLACKSTONE AVE
FRESNO, CA 93701
(209) 264-4681 FAX: (209) 264-2703
CONTACT: EUGENE WU

CIVIL:

MARTIN – MCINTOSH
4130 ARDMORE AVE., SUITE 201
BAKERSFIELD, CA 93309
(805) 834-4814 FAX: (805) 834-0972
CONTACT: ROGER MCINTOSH

MARTIN – MCINTOSH ARE UNDER SEPERATE CONTRACT TO THE BAKERSFIELD CITY SCHOOL DISTRICT AND ARE NOT CONSULTANTS TO RENFRO – RUSSELL AND ASSOCIATES, INC.. RENFRO – RUSSEL AND ASSOCIATES, INC. IS NOT RESPONSIBLE FOR THE ACCURACY NOR THE CONTENT OF THIS WORK.

VICINITY MAP



RRA
Architecture
Planning
Interior Design
Space Planning

Donald W. Renfro AIA C5283
Mark E. Russell AIA C13726
Carl G. Elliott AIA C7571
K. Bartram Huffman AIA C12061
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Renfro-Russell & Associates, Inc.
4800 Stockdale Highway, Suite 304, Bakersfield, California 93309 (805) 327-2075

CONSULTANTS

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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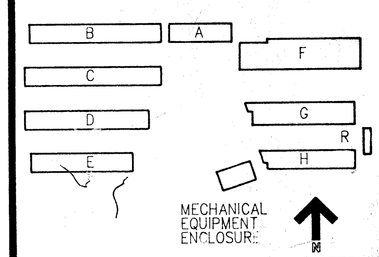
WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSION. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE

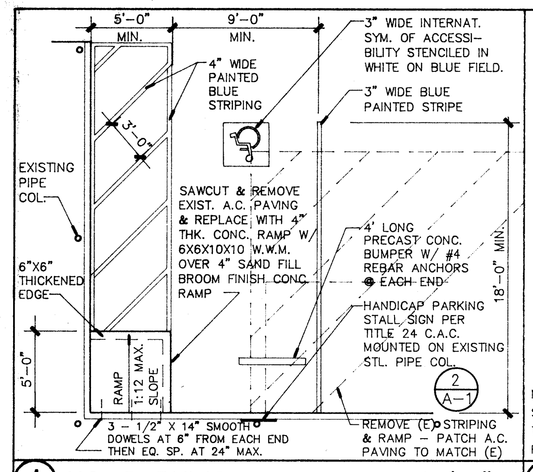
COVER SHEET

APPROVED: ARCHITECT — DATE
CHECKED TWP
DRAWN BY RSS — PROJECT NO 86-216W

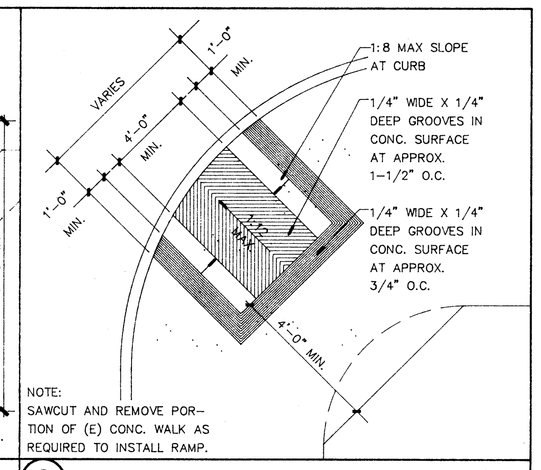
SHEET NUMBER 86216CA0312

A-0 #37

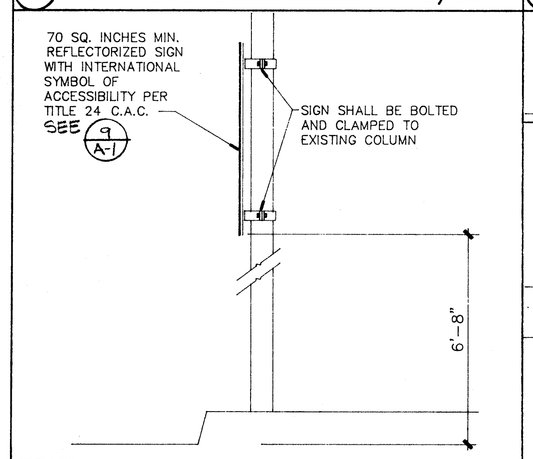
OF 23 SHEETS



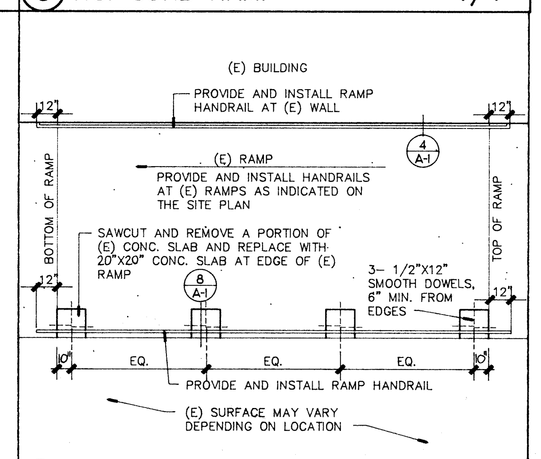
1 HC. PARKING 3/16"



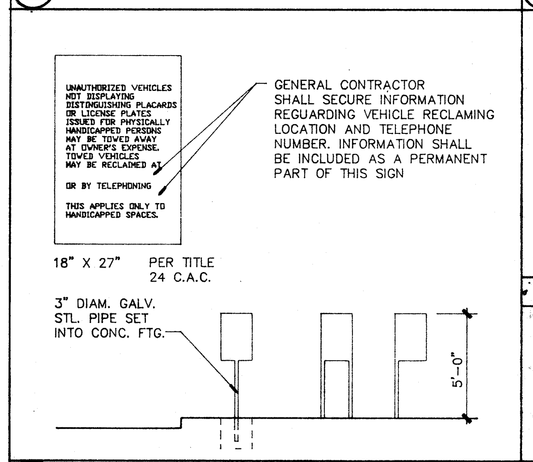
6 HC. CURB RAMP 1/4"



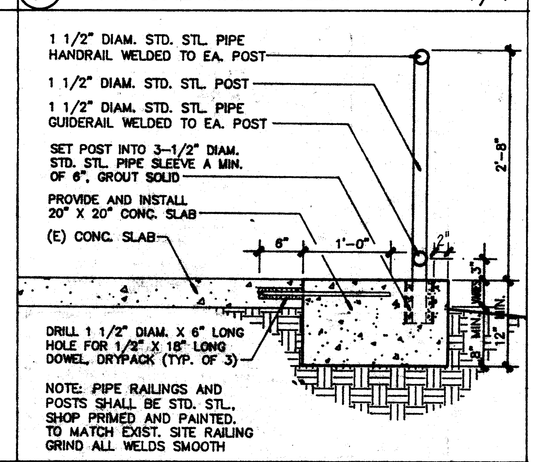
2 HANDICAP PARKING SIGN



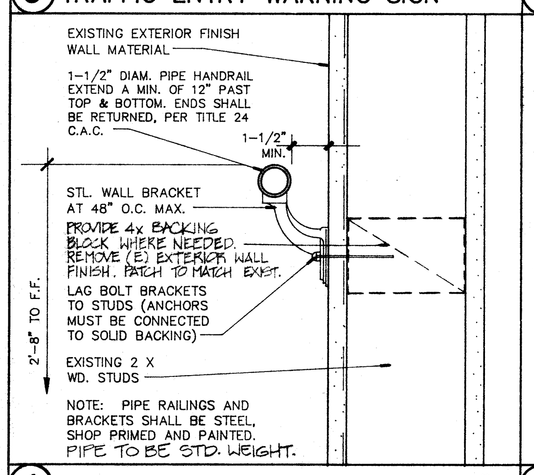
7 TYPICAL RAMP PLAN 1/4"



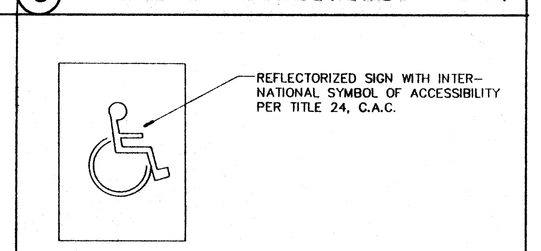
3 TRAFFIC ENTRY WARNING SIGN



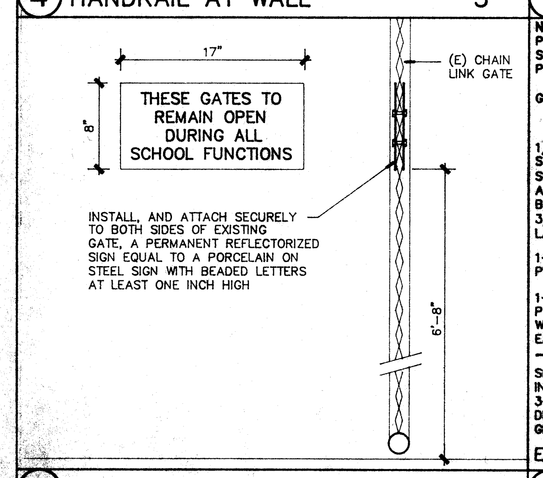
8 HANDRAIL CONNECTIONS 1"



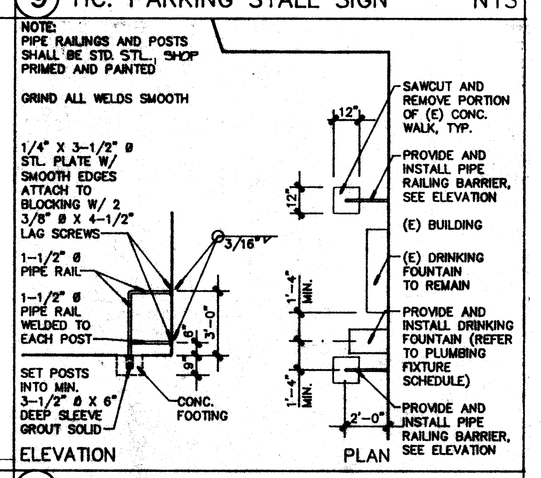
4 HANDRAIL AT WALL 3"



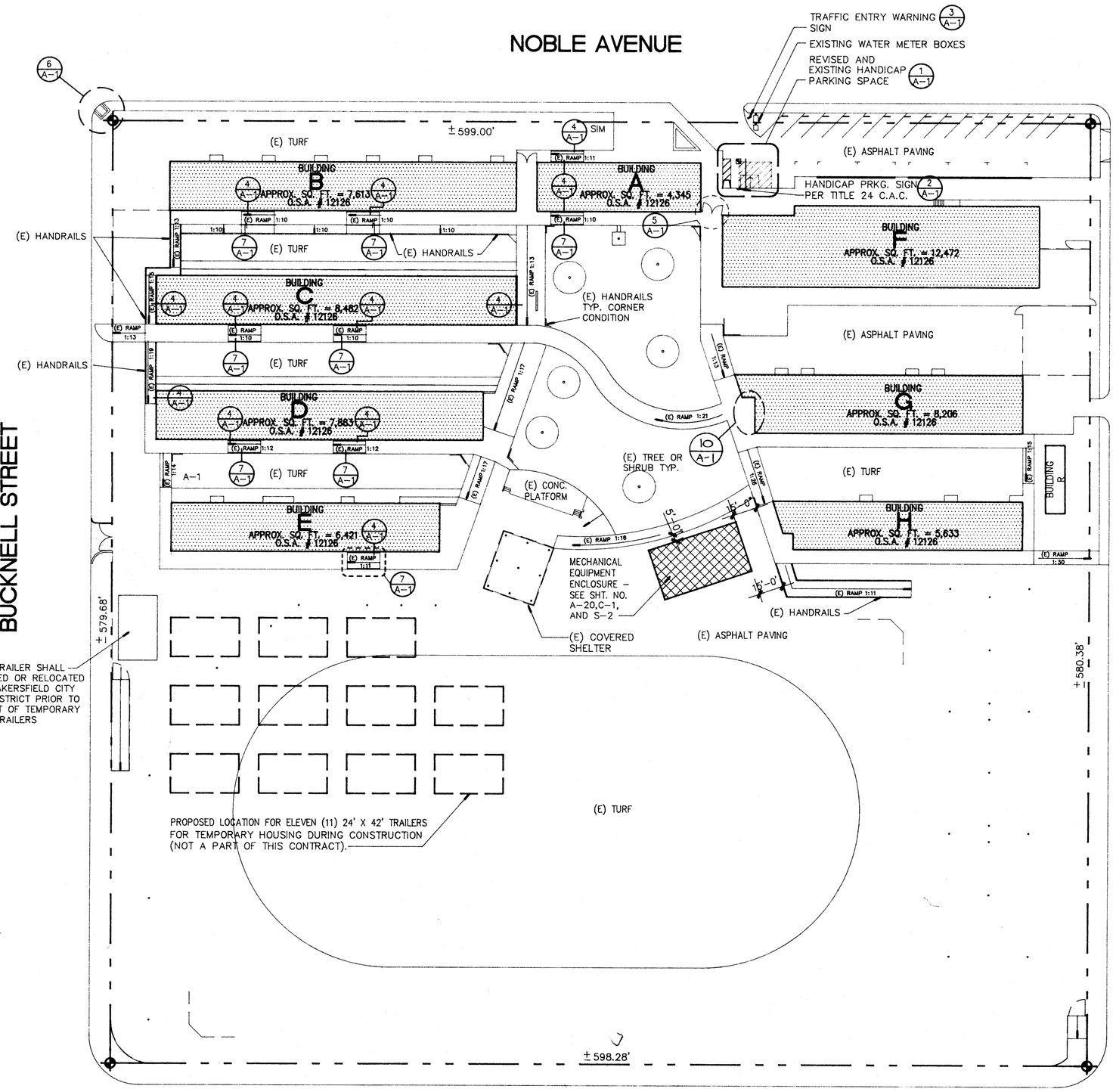
9 HC. PARKING STALL SIGN NTS



5 ENTRY ACCESS SIGN



10 HANDICAP DRINKING FOUNTAIN 1/4"



REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL PLANS FOR ADDITIONAL SITE REQUIREMENTS.

SITE PLAN

40'

BUILDING LEGEND

NOTE:
BUILDINGS NOT A PART OF THIS CONTRACT ARE NOT A PART OF THIS O.S.A. APPROVAL.

- EXISTING BUILDINGS OVER 30 YEARS TO BE MODERNIZED
- EXISTING BUILDINGS NOT OVER 30 YEARS AND/OR NOT IN CONTRACT (UNLESS OTHERWISE NOTED)
- MECHANICAL EQUIPMENT ENCLOSURE ADDITION

RRA
Architecture
Planning
Interior Design
Space Planning

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WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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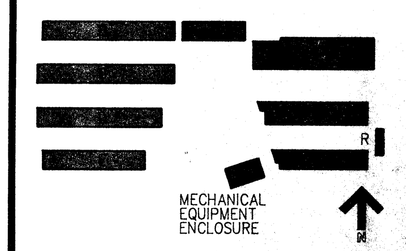
KEY PLAN



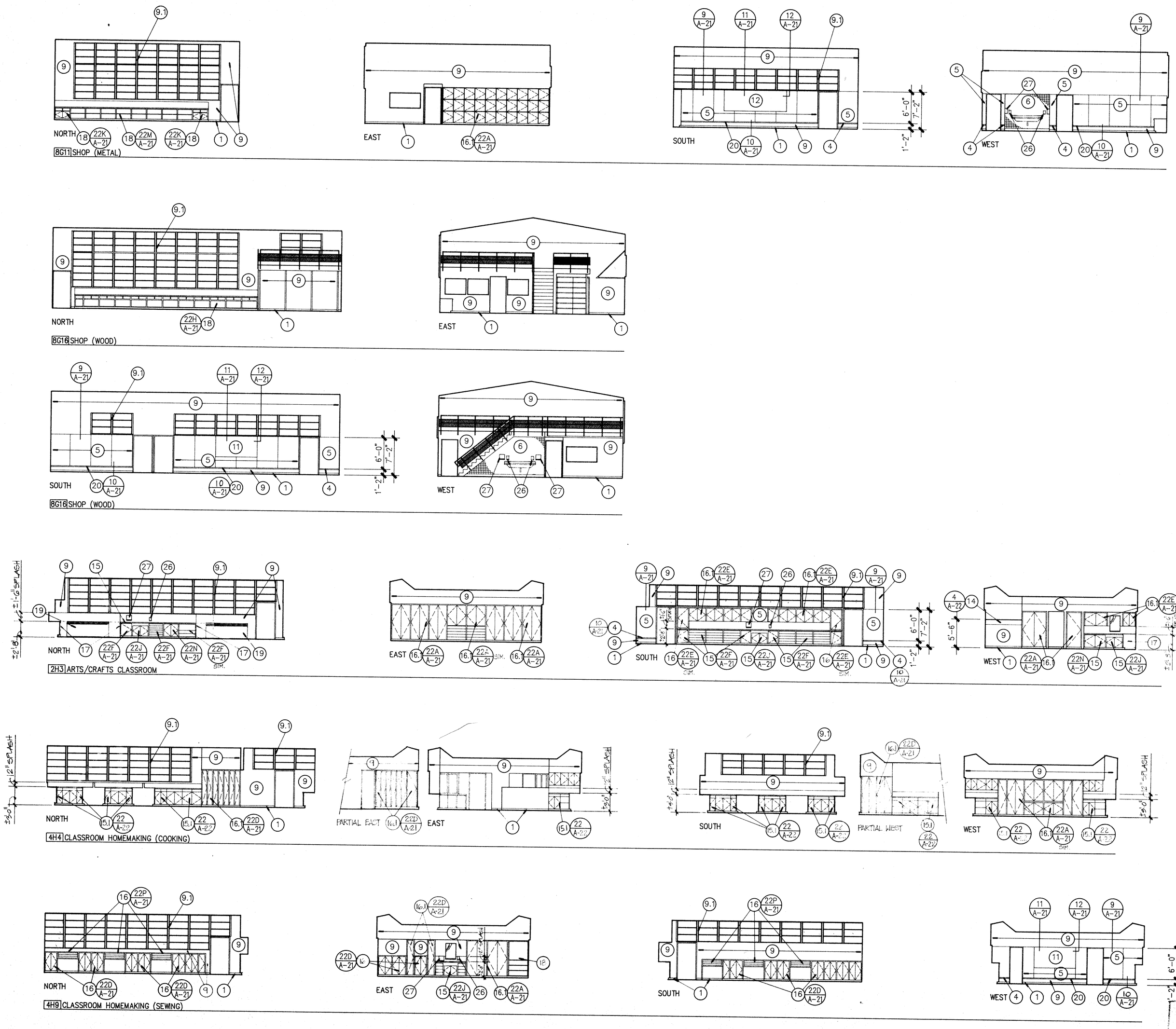
AS 1547 NP/CA

BAKERSFIELD CITY SCHOOL DISTRICT BOARD OF EDUCATION	
DATE	APPROVED
DATE	ISSUED FOR
1-3-91	BIDDING
DATE	REVISIONS

SHEET TITLE
SITE PLAN

APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY ES PROJECT NO. 86-216W

SHEET NUMBER 86216CA13480
A-1
OF 23 SHEETS



INTERIOR ELEVATIONS

NOTE: (REFER TO MECHANICAL DRAWINGS FOR LOCATION AND DETAIL OF BAROMETRIC RELIEF VENTS)

1/8"

INT. ELEVATION NOTES

ALL NOTES IN THIS COLUMN ARE TO BE USED FOR DRAWINGS ON THIS SHEET ONLY. NOTES LISTED IN THIS COLUMN WHICH ARE NOT INDICATED ON THE DRAWINGS SHALL BE DISREGARDED. (U.O.N. PROVIDE & INSTALL ITEMS IN THIS COLUMN WHICH ARE INDICATED ON DRAWINGS.)

1. 4" RUBBER BASE (CARPET BASE AT CARPET TOPSET BASE AT VINYL FLOORING)
2. 6" COVED CERAMIC TILE BASE
3. PATCH OR REPAIR ANY HOLES, CRACKS, DENTS & OTHER DIM. BLEMISHES ON (E) PLAS. SURFACE & FIN. PER MT. FIN. SCHED.
4. PAINTED HARDWOOD TRIM TO MATCH ELECTRIC PLUG STRIP IN SIZE AND COLOR
5. VINYL COVERED TACKABLE WALL PANELS
6. CERAMIC TILE
7. PATCH WITH PLASTER TO MATCH ADJACENT WALL SURFACE MATERIAL AND TEXTURE
8. PATCH WITH PLYWOOD TO MATCH ADJACENT WALL SURFACE MATERIAL AND TEXTURE
9. PATCH OR REPAIR ANY CRACKS, DENTS & OTHER DIM. BLEMISHES ON (E) FINISH, TAPE, MUD & FIN. PER. RM. FIN. SCHEDULE.

9.1 PATCH OR REPAIR ANY CRACKS, DENTS & OTHER DIM. BLEMISHES ON EXISTING (E) WINDOW & DOOR JAMBS, SILLS, TRIM & FIN. PER MT. FIN. SCHEDULE.

10. 4' X 10' CHALKBOARD
11. 4' X 8' CHALKBOARD
12. 4' X 12' CHALKBOARD
13. PROVIDE AND INSTALL BASE CABINET

13.1 PROVIDE AND INSTALL BOOKCASE AND LAM.PLAS. COVERED ADJUSTABLE SHELVES

13.2 PROVIDE AND INSTALL UPPER BOOKCASE

13.3 PROVIDE AND INSTALL UPPER CABINET

13.4 PROVIDE AND INSTALL TALL STORAGE / WARDROBE CABINET

14. PROVIDE AND INSTALL LAMINATE PLASTIC COVERED SHELF WITH COAT HOOKS AND SUPPORTING BRACKETS.
15. REPAIR OR REPLACE EXISTING CABINET FRAMES, SHELVES, DRAWERS, ETC. THEY ARE PACKED, SPLIT, DENTED, TORN, CHIPPED, BROKEN, ETC. AND PAINT ENTIRE CABINET (INSIDE AND OUT). PROVIDE AND INSTALL LAMINATE PLASTIC COVERED SPLASH AND COUNTERTOPS OVER EXISTING FRAME. PROVIDE AND INSTALL CABINET HARDWARE. PROVIDE AND INSTALL LAMINATE PLASTIC COVERED DOORS AND DRAWER FACES WHERE THEY OCCUR.

15.1 PROVIDE NEW LAM.PLAS. COVERED COUNTERTOP & SPLASH OVER EXISTING

16. REPAIR OR REPLACE EXISTING CABINET FRAMES, SHELVES, DRAWERS, ETC. THEY ARE PACKED, SPLIT, DENTED, TORN, CHIPPED, BROKEN, ETC. AND PAINT ENTIRE CABINET (INSIDE AND OUT). PROVIDE AND INSTALL LAMINATE PLASTIC COVERED COUNTERTOPS OVER EXISTING FRAME. PROVIDE AND INSTALL CABINET HARDWARE. PROVIDE AND INSTALL LAMINATE PLASTIC COVERED DOORS AND DRAWER FACES WHERE THEY OCCUR.

16.1 REPAIR OR REPLACE EXISTING CABINET FRAMES, SHELVES, DRAWERS, ETC. THEY ARE PACKED, SPLIT, DENTED, TORN, CHIPPED, BROKEN, ETC. AND PAINT ENTIRE CABINET (INSIDE AND OUT). PROVIDE AND INSTALL CABINET HARDWARE. PROVIDE AND INSTALL LAMINATE PLASTIC COVERED DOORS AND DRAWER FACES WHERE THEY OCCUR.

17. PORTION OF EXISTING CABINET TO BE REMOVED. FINISH WITH PAINTED CABINET END PANEL.
18. REPAIR OR REPLACE EXISTING CABINET FRAMES, SHELVES, ETC. THEY ARE PACKED, SPLIT, DENTED, TORN, CHIPPED, BROKEN, ETC. AND PAINT ENTIRE CABINET (INSIDE AND OUT).
19. UNIT VENTILATOR (REFER TO MECHANICAL PLANS)
20. ELECTRICAL PLUG STRIP (REFER TO ELEC. PLANS)

20.1 HANDICAP LIFT (REFER TO ELECTRICAL PLANS).

21. ELECTRIC HAND DRYER
22. TOILET PAPER DISPENSER
23. TOILET (REFER TO PLUMBING PLANS)
24. URINAL (REFER TO PLUMBING PLANS)
25. LAVATORY (REFER TO PLUMBING PLANS)
26. SOAP DISPENSER
27. PAPER TOWEL DISPENSER
28. MIRROR
29. NAPKIN DISPOSAL
30. TOILET PARTITION
31. GRAB BAR
32. TOILET SEAT COVER DISPENSER
33. HANDRAIL
34. GUARDRAIL

NOTE:
REFER TO MOUNTING HEIGHT SCHEDULE, SHT. A-6 FOR CLEARANCE DIMENSIONS & MOUNTING HEIGHTS OF FIXTURES & ACCESSORIES

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
55547 AUG 01 '89

RRA
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CONSULTANTS

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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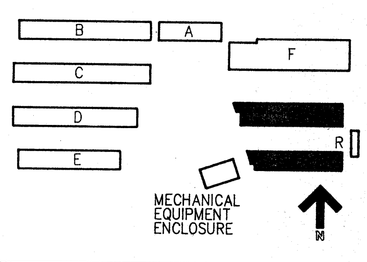
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS

SHEET TITLE

INTERIOR ELEVATIONS

APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY ES PROJECT NO. 86-216W

SHEET NUMBER 86216CA73C96

A-10

OF 23 SHEETS

ROOM FINISH SCHEDULE

MATERIALS

1. CERAMIC TILE
2. VINYL COMPOSITION TILE
3. CARPET
4. 6" COVED CERAMIC TILE BASE
5. 4" RUBBER BASE (CARPET BASE AT CARPET TOPSET BASE AT VINYL FLOORING)
6. EXISTING PLASTER
7. 5/8" GYP. BD. W/VENEER PLASTER (MATCH (E) ADJACENT PLASTER TEXTURE)
8. 3/4" LATH AND PLASTER
9. VINYL COVERED TACKABLE WALL PANELS
10. T-BAR AND ACOUSTICAL PANELS
11. EXISTING T-BAR CEILING GRID
12. LAY-IN ACOUSTIC CEILING PANELS
13. EXISTING ACOUSTIC CLG. TILE REPLACE ANY EXPOSED DAMAGED TILES WITH MATCHING TEXTURE & PATTERNED ACOUSTIC CLG. TILE.
14. EXISTING PLYWD. (PATCH AS REQ'D TO MATCH EXISTING - REFER TO INT. ELEVATIONS)

FINISH

A. FACTORY
B. NONE
C. PAINT – GLOSS
D. PAINT – SEMI-GLOSS
E. INTEGRALLY COLORED
F. STAIN AND LACQUER
G. CLEAN AND PAINT
H. PAINT TO MATCH (E) ADJACENT SURFACE
J. CLEAN & WAX

NO.	ROOM NAME	FLR. MAT.	FLR. FIN.	BASE MAT.	BASE FIN.	WALL NORTH MAT.	WALL NORTH FIN.	WALL EAST MAT.	WALL EAST FIN.	WALL SOUTH MAT.	WALL SOUTH FIN.	WALL WEST MAT.	WALL WEST FIN.	CEIL. MAT.	CEIL. FIN.	CEIL. HGT.	NO.	REMARKS
BUILDING A																		
22A1	TEACHER'S LOUNGE	3	A	5	A	6	D	6	D	6	D	6	D	13	A	±11'-5"	22A1	
1A2	PRINCIPAL	3	A	5	A	–	–	14	H	14	H	–	–	13	A	±11'-5"	1A2	
20A3	TOILET	1	A	4	A	1	A	1	A	1	A	1	A	6	D	±8'-0"	20A3	PAINT - GLOSS, (E) WINDOW & DOOR JAMBS, SILLS, TRIM
22A4	NURSE	–	–	–	–	14	H	–	–	–	–	–	–	13	A	±9'-1"	22A4	
20A5	TOILET	–	–	–	–	–	–	–	–	–	–	–	–	6	H	±9'-1"	20A5	
20A6	MEN	1	A	4	A	1/6	A/D	1/6	A/D	1/6	A/D	1/6	A/D	6	D	±9'-0"	20A6	PAINT - GLOSS, (E) WINDOW & DOOR JAMBS, SILLS, TRIM
20A7	WOMEN	1	A	4	A	1/6	A/D	1/6	A/D	1/6	A/D	1/6	A/D	6	D	±9'-0"	20A7	" " " " " " " "
1A8	TESTING	–	–	–	–	–	–	–	–	–	–	–	–	13	A	±11'-5"	1A8	
1A9	COUNSELOR	–	–	–	–	–	–	–	–	–	–	–	–	13	A	±11'-5"	1A9	
1A10	RECEPTION	–	–	–	–	–	–	–	–	–	–	–	–	13	A	±11'-5"	1A10	
1A11	SUPPLIES	–	–	–	–	–	–	–	–	–	–	–	–	13	A	±11'-5"	1A11	
20A12	BOYS	1	A	4	A	1/6	A/D	1/6	A/D	1/6	A/D	1/6	A/D	6	D	±11'-5"	20A12	PAINT - GLOSS, (E) WINDOW & DOOR JAMBS, SILLS, TRIM
20A13	GIRLS	1	A	4	A	1/6	A/D	1/6	A/D	1/6	A/D	1/6	A/D	6	D	±11'-5"	20A13	" " " " " " " "
20A14	TOILET	–	–	–	–	–	–	–	–	–	–	–	–	6	H	±8'-0"	20A14	
1A15	CHECK-OUT	–	–	–	–	–	–	–	–	–	–	–	–	13	A	±11'-5"	1A15	
1A16	VICE PRINCIPAL	–	–	–	–	–	–	–	–	–	–	–	–	13	A	±11'-5"	1A16	
BUILDING B																		
9B1	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9B1	PAINT - GLOSS, (E) WINDOW & DOOR JAMBS, SILLS, TRIM
9B2	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9B2	" " " " " " " "
9B3	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9B3	" " " " " " " "
9B4	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9B4	" " " " " " " "
6B5	SCIENCE	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	6B5	" " " " " " " "
19B6	STORAGE	2	J	5	A	14	D	14	D	14	D	14	D	13	A	VARIES	19B6	" " " " " " " "
19B7	STORAGE	2	J	5	A	14	D	14	D	14	D	14	D	13	A	VARIES	19B7	" " " " " " " "
6B8	SCIENCE	2	J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	6B8	" " " " " " " "
19B9	STORAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19B9	
19B10	JANITOR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19B10	
BUILDING C																		
9C1	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9C1	PAINT - GLOSS, (E) WINDOW & DOOR JAMBS, SILLS, TRIM
9C2	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9C2	" " " " " " " "
9C3	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9C3	" " " " " " " "
9C4	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9C4	" " " " " " " "
9C5	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9C5	" " " " " " " "
15C6	WORK ROOM	3	A	5	A	–	–	14	H	14	H	14	H	6	H	±11'-5"	15C6	" " " " " " " "
15C7	LIBRARY	3	A	5	A	14	D	14	D	14/9	D/A	6/14	D	10/13	A	10'-0"/VAR.	15C7	" " " " " " " "
BUILDING D																		
9D1	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9D1	PAINT - GLOSS (E) WINDOW & DOOR JAMBS, SILLS, TRIM
9D2	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9D2	" " " " " " " "
9D3	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9D3	" " " " " " " "
9D4	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9D4	" " " " " " " "
9D5	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	14	D	10/13	A	10'-0"/VAR.	9D5	" " " " " " " "
19D6	STORAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19D6	
19D7	STORAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19D7	
20D8	GIRLS	1	A	4	A	6/1	D/A	6/1	D/A	6/1	D/A	6/1	D/A	6	D	±11'-5"	20D8	PAINT - GLOSS, (E) WINDOW & DOOR JAMBS, SILLS, TRIM
20D9	MATRON	–	–	–	–	6/8	H	–	–	–	–	–	–	–	–	–	20D9	
BUILDING E																		
9E1	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	9	A	10/13	A	10'-0"/VAR.	9E1	PAINT - GLOSS, (E) WINDOW & DOOR JAMBS, SILLS, TRIM
9E2	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	9	A	10/13	A	10'-0"/VAR.	9E2	" " " " " " " "
9E3	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	9	A	10/13	A	10'-0"/VAR.	9E3	" " " " " " " "
9E4	CLASSROOM	3/2	A/J	5	A	14	D	14/9	D/A	14/9	D/A	9	A	10/13	A	10'-0"/VAR.	9E4	" " " " " " " "
20E5	BOYS	1	A	4	A	6/1	D/A	6/1	D/A	6/1	D/A	6	D	±11'-5"	20E5	" " " " " " " "
19E6	MECHANICAL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19E6	
20E7	TOILET	–	–	–	–	–	–	–	–	–	–	–	–	6	H	±11'-5"	20E7	
19E8	JANITOR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19E8	
19E9	JANITOR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19E9	
19E10	JANITOR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19E10	
1E11	OFFICE	–	–	–	–	–	–	–	–	–	–	–	–	13	A	±11'-5"	1E11	
20E12	TOILET	–	–	–	–	–	–	–	–	–	–	–	–	6	H	±8'-0"	20E12	
BUILDING F																		
1F1	CONFERENCE	3	A	5	A	6	D	6	D	6	D	6	D	13	A	±9'-6"	1F1	PAINT - GLOSS, (E) WINDOW & DOOR JAMBS, SILLS, TRIM
19F2	MECHANICAL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19F2	
19F3	GARBAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19F3	
19F4	JANITOR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19F4	
20F5	TOILET	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20F5	
19F6	WALK-IN BOX	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19F6	
19F7	STORAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19F7	
13F8	DISHWASHING	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13F8	
13F9	KITCHEN	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	13F9	
16F10	MULTI-PURPOSE	–	–	–	–	–	–	–	–	–	–	–	–	13	A	±15'-0"	16F10	
19F11	MECHANICAL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19F11	
17F12	PLATFORM	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	17F12	
22F13	HANDICAP LIFT	2	J	5	A	6	D	6	D	6	D	6	D	6	D	±15'-0"	22F13	PAINT - GLOSS, (E) WINDOW & DOOR JAMBS, SILLS, TRIM
5F14	MUSIC CLASSROOM	3/2	A/J	5	A	–	–	–	–	–	–	–	–	10/13	A/E	10'-0"/11'-5"	5F14	
19F15	STORAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19F15	
19F16	STORAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19F16	
19F17	STORAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19F17	
1F18	OFFICE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1F18	
28F19	CORRIDOR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	28F19	
28F20	CORRIDOR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	28F20	

NO.	ROOM NAME	FLR. MAT.	FLR. FIN.	BASE MAT.	BASE FIN.	WALL NORTH MAT.	WALL NORTH FIN.	WALL EAST MAT.	WALL EAST FIN.	WALL SOUTH MAT.	WALL SOUTH FIN.	WALL WEST MAT.	WALL WEST FIN.	CEIL. MAT.	CEIL. FIN.	CEIL. HGT.	NO.	REMARKS
BUILDING G																		
19G1	JANITOR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19G1	
2BG2	VESTIBULE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19G2	
20G3	BOYS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20G3	
20G4	GIRLS	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	20G4	
19G5	TRANSFORMER VAULT	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19G5	
19G6	SWITCHBOARD	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19G6	
5G7	MUSIC CLASSROOM	3/2	A/J	5	A	14	D	9/14	A/D	9/14	A/D	14	D	10/13	A	10'-0"/VAR.	5G7	PAINT - GLOSS, (E) WINDOW & DOOR JAMBS, SILLS, TRIM
19G8	STORAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19G8	
19G9	TOOL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19G9	
19G10	STORAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19G10	
8G11	METAL SHOP	–	–	5	A	–	–	–	–	–	–	–	–	10/13	A	10'-0"/VAR.	8G11	
1G12	OFFICE	–	–	–	–	–	–	–	–	–	–	–	–	14	H	±7'-0"	1G12	
20G13	TOILET	–	–	–	–	–	–	–	–	–	–	–	–	6	H	±7'-0"	20G13	
19G14	STORAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19G14	
19G15	TOOL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19G15	
8G16	WOOD SHOP	–	–	5	A	–	–	–	–	–	–	–	–	10/13	A	10'-0"/VAR.	8G16	
8G17	PAINT ROOM	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	8G17	
19G18	LOFT	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19G18	
19G19	LOFT	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19G19	
BUILDING H																		
19H1	MECHANICAL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19H1	
19H2	JANITOR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19H2	
2H3	ART CLASSROOM	2	J	5	A	14	D	14	D	9/14	A/D	14	D	10/13	A	10'-0"/VAR.	2H3	PAINT - GLOSS, (E) WINDOW & DOOR JAMBS, SILLS, TRIM
4H4	COOKING	2	J	5	A	14	D	14	D	14	D	14	D	10/13	A	10'-0"/VAR.	4H4	" " " " " " " "
19H5	STORAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19H5	
20H6	TOILET	–	–	–	–	–	–	–	–	–	–	–	–	6	H	±8'-0"	20H6	
19H7	STORAGE	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19H7	
19H8	FITTING	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	19H8	
4H9	SEWING	3/2	A/J	5	A	14	D	14	D	14	D	9/14	A/D	10/13	A	10'-0"/VAR.	4H9	PAINT - GLOSS, (E) WINDOW & DOOR JAMBS, SILLS, TRIM

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CONSULTANTS

PROJECT

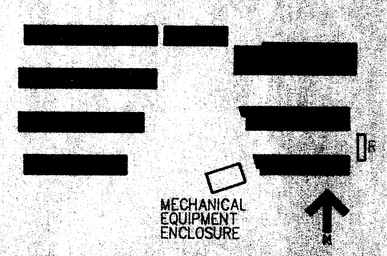
BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

THE ABOVE DRAWINGS AND SPECIFICATIONS AND SIMILAR DESIGNS AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT, AND NO PART THEREOF SHALL BE USED FOR ANY PURPOSE TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VISUAL CONTACT WITH THESE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSION. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB, AND THE ARCHITECT SHALL BE NOTIFIED OF ANY VARIATIONS FROM DIMENSIONS OR CONDITIONS SHOWN ON THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THE ARCHITECT BY OTHERS BEFORE PROCEEDING WITH FABRICATION.

KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-13-91	BIDDING

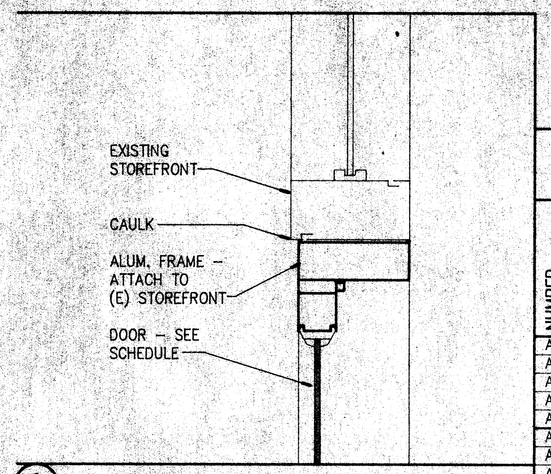
DATE	REVISIONS

SHEET TITLE
ROOM FINISH SCHEDULE

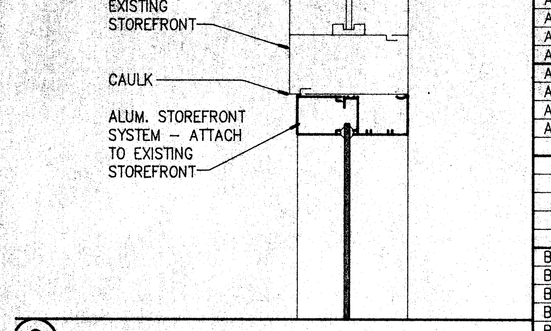
APPROVED/ARCHITECT
CHECKED TWP DATE 8-1-89
DRAWN BY RSSES PROJECT NO. 86-216W

SHEET NUMBER 8626CA83A96
A-11
OF 23 SHEETS

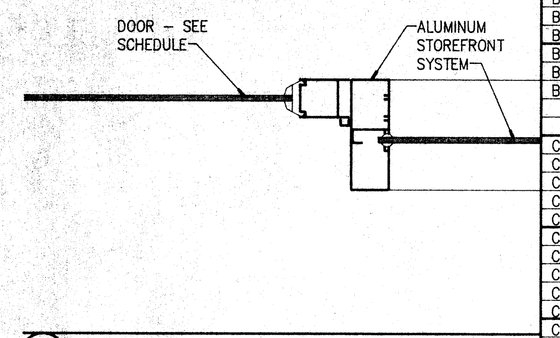
DOOR SCHEDULE



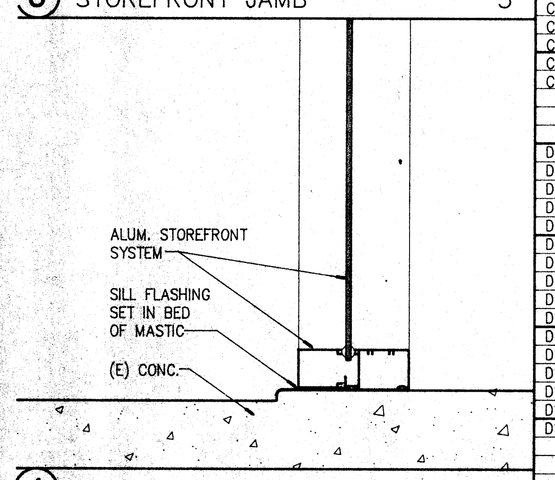
1 ALUMINUM FRAME



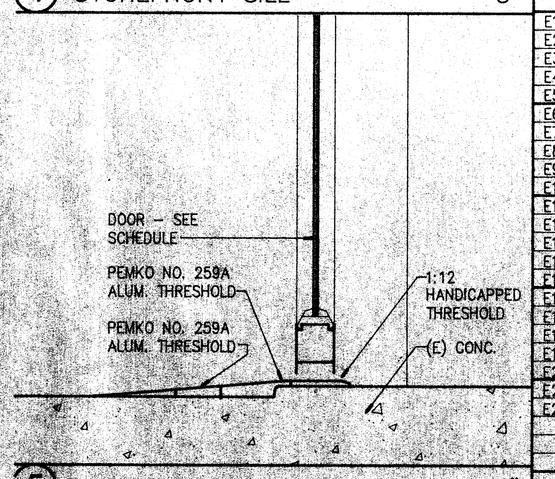
2 STOREFRONT HEAD



3 STOREFRONT JAMB 3"



4 STOREFRONT SILL 3"



5 ALUMINUM THRESHOLD 3"

LISTED ITEMS ARE FOR NEW INSTALLATIONS OR FOR REPLACEMENT OF EXISTING ITEMS ONLY. UNLISTED ITEMS SHALL BE CONSIDERED TO BE EXISTING OR DOESN'T APPLY. REFER TO SPECIFICATIONS FOR COMPLETE DESCRIPTIONS. SIZES, TYPES, AND FIRE RATING FOR ALL DOORS AND FRAMES HAVE BEEN LISTED FOR REFERENCE.
AL = ALUMINUM GL = GLASS F = FACTORY HM = HOLLOW METAL STL = STEEL STN = STAIN P = PAINT WD = WOOD (ALL OTHERS PER SPECS) (E) = EXISTING

NUMBER	OPENING: SIGNAGE	OPENING: SIZE W.	OPENING: SIZE H.	DOOR: TYPE	DOOR: THICKNESS	DOOR: MATERIAL	DOOR: FINISH	FRM: MATERIAL	FRM: FINISH	FRM: LABEL (F.R.)	HARDWARE: FL. CLOSER	HARDWARE: BUTTS	HARDWARE: EXIT DEVICE	HARDWARE: LOCK	HARDWARE: STRIKE	HARDWARE: KEY SLOT	HARDWARE: PUSH PULL	HARDWARE: CLOSER	HARDWARE: KICK PLT.	HARDWARE: MOP PLT.	HARDWARE: S. & HOLD	HARDWARE: MISC.	HARDWARE: FILL. PLT.	HARDWARE: THRES.	DETAILS: W/S	DETAILS: HEAD	DETAILS: TRANS.	DETAILS: JAMB	DETAILS: THRES.	NUMBER	NOTES
A1	(2)	3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	T2	–	–	–	–	–	A1	EXIST'G DR. HC. HDWR.
A2	(2)	3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	T2	–	–	–	–	–	A2	EXIST'G DR. HC. HDWR.
A3		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	L3	M2	–	–	–	–	–	–	–	–	–	T2	W1,W3	–	–	–	–	A3	EXIST'G DR. HC. HDWR.
A4		3'-0"	7'-0"	A	1 3/4"	AL/GL	F	AL	F	F1	–	–	2-L12 1-L5,6	–	–	P3	–	–	–	–	–	–	T4	–	1/A-12	1/A-12	3/A-12	5/A12	A4	(4)
A5	(2)	3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A5	EXIST'G DR. HC. HDWR.
A6	(2)	3'-0"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	L12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A6	EXIST'G DR. HC. HDWR.
A7	(2)	3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A7	EXIST'G DR. TO REMAIN
A8		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A8	EXIST'G TO REMAIN
A9		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	L4	–	–	–	–	–	–	–	–	–	–	T2	W1,W3	–	–	–	–	A9	EXIST'G DR. HC. HDWR.
A10		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	L4	–	–	–	–	–	–	–	–	–	–	T2	W1,W3	–	–	–	–	A10	EXIST'G DR. HC. HDWR.
A11		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	L4	–	–	–	–	–	–	–	–	–	–	T2	W1,W3	–	–	–	–	A11	EXIST'G DR. HC. HDWR.
A12		2'-8"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A12	EXIST'G DR. TO REMAIN
A13		2'-4"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A13	(6)
A14		3'-0"	7'-0"	B	1 3/4"	HD/SC	P	HM.	P	–	–	1 1/2 B4	L2	–	–	–	–	–	–	S1	–	–	–	–	6/A-21	–	6/A-21	–	–	A14	
A15		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A15	EXIST'G DR. TO REMAIN
A16		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A16	EXIST'G DR. TO REMAIN
A17		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A17	EXIST'G DR. TO REMAIN
A18		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A18	EXIST'G DR. TO REMAIN
A19		2'-8"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A19	(6)
A20		2'-8"	7'-0"	B	1 3/4"	HD/SC	P	HM.	P	–	–	1 1/2 B4	L13	–	–	–	–	–	–	S1	–	–	–	–	6/A-21	–	6/A-21	6/A-21	–	A20	
A21		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A21	(6)
A22		2'-4"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A22	EXIST'G DR. TO REMAIN
A23		2'-8"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A23	EXIST'G DR. TO REMAIN
A24		2'-4"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	A24	EXIST'G DR. TO REMAIN
B1		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	B1	EXIST'G DR. HC. HDWR.
B2		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	B2	EXIST'G DR. TO REMAIN
B3		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	B3	EXIST'G DR. HC. HDWR.
B4		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	B4	EXIST'G DR. TO REMAIN
B5		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	B5	EXIST'G DR. HC. HDWR.
B6		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	B6	EXIST'G DR. TO REMAIN
B7		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	B7	EXIST'G DR. HC. HDWR.
B8		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	B8	EXIST'G DR. TO REMAIN
B9		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	B9	EXIST'G DR. HC. HDWR.
B10		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	B10	EXIST'G DR. TO REMAIN
B11		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	B11	EXIST'G DR. TO REMAIN
B12		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	B12	EXIST'G DR. HC. HDWR.
B13		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	B13	EXIST'G DR. TO REMAIN
B14		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	B14	EXIST'G DR. TO REMAIN
B15		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	B15	EXIST'G DR. TO REMAIN
B16		3'-0"	7'-0"	D	1 3/4"	HD/SC	P	–	–	–	–	1 1/2 B4	–	L2	–	–	–	C1	K1	–	S1	–	–	–	–	–	–	–	–	B16	(1)
B17		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	B17	(5)
B18		3'-0"	7'-0"	D	1 3/4"	HD/SC	P	–	–	–	–	1 1/2 B4	–	L2	–	–	–	C1	K1	–	S1	–	–	–	–	–	–	–	–	B18	
C1		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	C1	EXIST'G DR. HC. HDWR.
C2		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	C2	EXIST'G DR. TO REMAIN
C3		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	C3	EXIST'G DR. HC. HDWR.
C4		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	C4	EXIST'G DR. TO REMAIN
C5		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	C5	EXIST'G DR. HC. HDWR.
C6		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	C6	EXIST'G DR. TO REMAIN
C7		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	C7	EXIST'G DR. HC. HDWR.
C8		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	C8	EXIST'G DR. TO REMAIN
C9		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	–	–	–	T2	W1,W3	–	–	–	–	C9	EXIST'G DR. HC. HDWR.
C10		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	C10	EXIST'G DR. TO REMAIN
C11		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	C11	(6)
C12		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	C12	(6)
C13		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	E1	L12	–	–	–	P3	–	–	–	–	–	T2	P1,P2,P5	–	–	–	–	C13	EXIST'G DR. HC. HDWR.
C14		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	E1	L12	–	–	–	P3	–	–	–	–	–	T2	P1,P2,P5	–	–	–	–	C14	EXIST'G DR. HC. HDWR.
C15		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	C15	(6)
C16		3'-0"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B4	–	L2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	C16	EXIST'G DR. HC. HDWR.
C17		2'-4"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	C17	(6)
D1		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	D1	EXIST'G DR. HC. HDWR.
D2		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	D2	EXIST'G DR. TO REMAIN
D3		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	D3	EXIST'G DR. HC. HDWR.
D4		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	D4	EXIST'G DR. TO REMAIN
D5		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	D5	EXIST'G DR. HC. HDWR.
D6		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	D6	EXIST'G DR. TO REMAIN
D7		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	D7	EXIST'G DR. HC. HDWR.
D8		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	D8	EXIST'G DR. TO REMAIN
D9		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	–	–	–	T2	W1,W3	–	–	–	–	D9	EXIST'G DR. HC. HDWR.
D10		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	D10	EXIST'G DR. TO REMAIN
D11		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	D11	EXIST'G DR. TO REMAIN
D12		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	D12	EXIST'G DR. TO REMAIN
D13	(2)	3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	L2	–	–	P2	–	–	–	–	–	–	T2	–	–	–	–	–	D13	EXIST'G DR. HC. HDWR.
D14	(2)	3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	L2	–	–	–	–	–	–	–	–	–	T2	–	–	–	–	–	D14	EXIST'G DR. HC. HDWR.
D15		3'-0"	7'-0"	D	1 3/4"	HD/SC	P	–	–	–	–	1 1/2 B4	–	L2	–	–	–	C1	K1	–	S1	–	–	–	–	–	–	–	–	D15	(5)
D16		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	D16	EXIST'G DR. TO REMAIN
E1		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	E1	EXIST'G DR. HC. HDWR.
E2		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E2	EXIST'G DR. TO REMAIN
E3		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	E3	EXIST'G DR. HC. HDWR.
E4		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E4	EXIST'G DR. TO REMAIN
E5		3'-6"	7'-0"	C	1 3/4	HM.	P	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	S6	–	–	T2	W1,W3	–	–	–	–	E5	(5)
E6		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E6	EXIST'G DR. TO REMAIN
E7		3'-6"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	M2	–	–	–	–	–	–	–	–	T2	W1,W3	–	–	–	–	E7	
E8		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E8	EXIST'G DR. TO REMAIN
E9	(2)	3'-6"	7'-0"	C	1 3/4	HM.	P	–	–	–	–	1 1/2 B1	–	L5	–	–	P1,P2	C2	K1	–	S6	–	–	T2	–	–	–	–	–	E9	(5)
E10	(2)	3'-6"	7'-0"	C	1 3/4	HM.	P	–	–	–	–	1 1/2 B1	–	L5	–	–	P1,P2	C2	K1	–	S6	–	–	T2	–	–	–	–	–	E10	(5)
E11		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E11	EXIST'G DR. TO REMAIN
E12		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E12	EXIST'G DR. TO REMAIN
E13		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E13	EXIST'G DR. TO REMAIN
E14		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E14	EXIST'G DR. TO REMAIN
E15		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E15	EXIST'G DR. TO REMAIN
E16		3'-4"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E16	EXIST'G DR. TO REMAIN
E17		3'-0"	6'-8"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E17	EXIST'G DR. TO REMAIN
E18		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E18	EXIST'G DR. TO REMAIN
E19		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E19	EXIST'G DR. TO REMAIN
E20		2'-4"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E20	EXIST'G DR. TO REMAIN
E21		2'-4"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E21	EXIST'G DR. TO REMAIN
E22		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	E22	EXIST'G DR. TO REMAIN

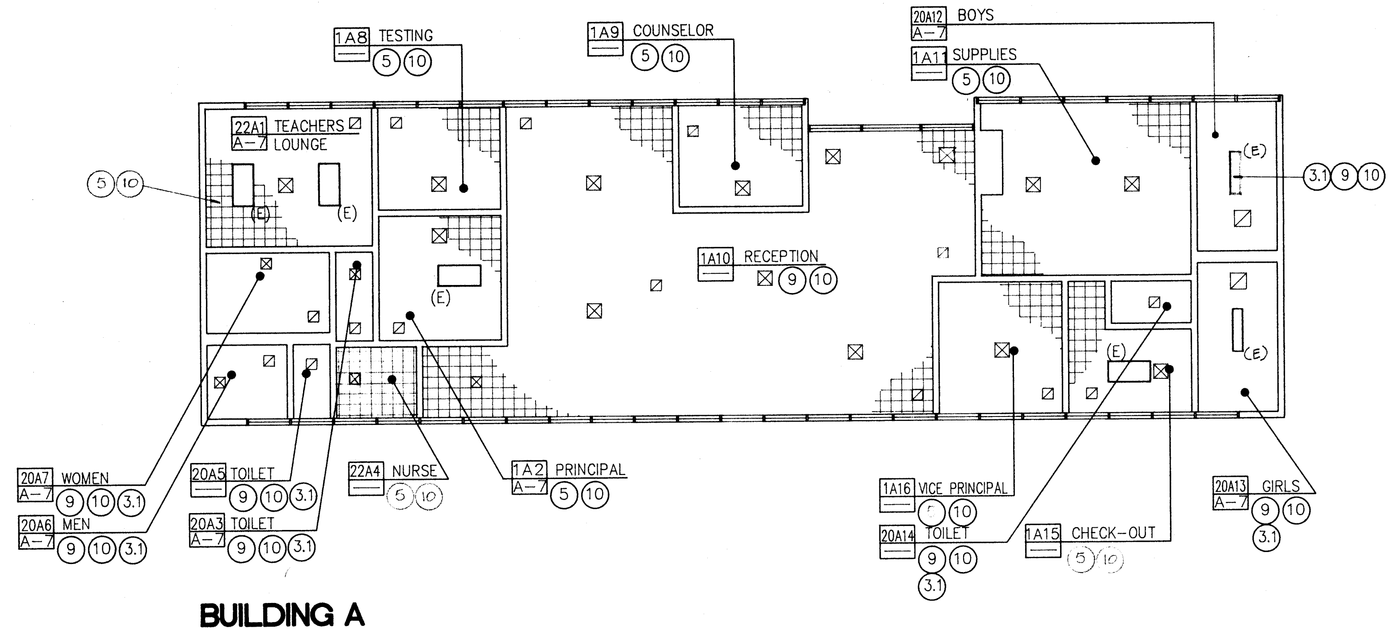
LISTED ITEMS ARE FOR NEW INSTALLATIONS OR FOR REPLACEMENT OF EXISTING ITEMS ONLY. UNLISTED ITEMS SHALL BE CONSIDERED TO BE EXISTING OR DOESN'T APPLY. REFER TO SPECIFICATIONS FOR COMPLETE DESCRIPTIONS. SIZES, TYPES, AND FIRE RATING FOR ALL DOORS AND FRAMES HAVE BEEN LISTED FOR REFERENCE.
AL = ALUMINUM GL = GLASS F = FACTORY HM = HOLLOW METAL STL = STEEL STN = STAIN P = PAINT WD = WOOD (ALL OTHERS PER SPECS) (E) = EXISTING

NUMBER	OPENING: SIGNAGE	OPENING: SIZE W.	OPENING: SIZE H.	DOOR: TYPE	DOOR: THICKNESS	DOOR: MATERIAL	DOOR: FINISH	FRM: MATERIAL	FRM: FINISH	FRM: LABEL (F.R.)	HARDWARE: FL. CLOSER	HARDWARE: BUTTS	HARDWARE: EXIT DEV.	HARDWARE: LOCK	HARDWARE: STRIKE	HARDWARE: KEY SLOT	HARDWARE: PUSH PULL	HARDWARE: CLOSER	HARDWARE: KICK PLT.	HARDWARE: MOP PLT.	HARDWARE: S. & HOLD	HARDWARE: MISC.	HARDWARE: FILL. PLT.	HARDWARE: THRES.	DETAILS: W/S	DETAILS: HEAD	DETAILS: TRANS.	DETAILS: JAMB	DETAILS: THRES.	NUMBER	NOTES
F1		3'-0"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L4	–	–	–	C1	–	–	–	–	–	T2	W1,W3	–	–	–	–	F1	EXIST'G DR. HC. HDWR.
F2		3'-0"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L4	–	–	–	–	–	–	–	–	–	T2	W1,W3	–	–	–	–	F2	EXIST'G DR. HC. HDWR.
F3		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F3	EXIST'G DR. TO REMAIN
F4		5'-0"	7'-0"	PR.	–	–	–	–	–	–	–	1 1/2 B1	(E)	L11	–	–	–	2 C1	–	–	–	–	–	T1	3 L-10	–	–	–	–	F4	EXIST'G DR. HC. HDWR.
F5		5'-0"	7'-0"	PR.	–	–	–	–	–	–	–	1 1/2 B1	(E)	L11	–	–	–	2 C1	–	–	–	–	–	T1	3 L-10	–	–	–	–	F5	EXIST'G DR. HC. HDWR.
F6		5'-0"	7'-0"	PR.	–	–	–	–	–	–	–	2 F1	(E)	L12	–	–	–	–	–	–	–	–	–	T4	–	–	–	–	–	F6	EXIST'G DR. HC. HDWR.
F7		5'-0"	7'-0"	PR.	–	–	–	–	–	–	–	–	(E)	L11	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F7	EXIST'G DR. HC. HDWR.
F8		3'-0"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L3	–	–	–	–	–	–	–	–	–	T2	W1,W3	–	–	–	–	F8	EXIST'G DR. HC. HDWR.
F9		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	(E)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F9	(6)
F10		3'-0"	7'-0"	–	–	–	–	–	–	–	–	1 1/2 B1	–	L4	–	–	–	–	–	SG	–	–	–	T2	H1 3 L-10	–	–	–	–	F10	EXIST'G DR. TO REMAIN
F11		5'-0"	7'-0"	PR.	–	–	–	–	–	–	–	3 B1	3-E4	L11	–	–	–	–	–	S4,S8	–	–	T1	3 L-10	–	–	–	–	F11	EXIST'G DR. HC. HDWR.
F12		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	(E)	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F12	EXIST'G DR. TO REMAIN
F13		5'-0"	7'-0"	PR.	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F13	EXIST'G DR. TO REMAIN
F14		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F14	EXIST'G DR. TO REMAIN
F15		2'-8"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F15	EXIST'G DR. TO REMAIN
F16		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F16	EXIST'G DR. TO REMAIN
F17		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F17	EXIST'G DR. TO REMAIN
F18		2'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F18	EXIST'G DR. TO REMAIN
F19		2'-8"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F19	EXIST'G DR. TO REMAIN
F20		2'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F20	EXIST'G DR. TO REMAIN
F21		2'-4"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F21	EXIST'G DR. TO REMAIN
F22		–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F22	EXIST'G DR. TO REMAIN
F23		2'-8"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F23	EXIST'G DR. TO REMAIN
F24		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	L12	–	–	–	C1	–	–	–	–	–	–	–	–	–	–	–	F24	EXIST'G DR. HC. HDWR.
F25		2'-8"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F25	(6)
F26		3'-0"	7'-0"	B	1-3/4"	HD/SC	P	H.M.	P	YES	–	–	E1	L11	–	–	–	C2	K1	K2	S1	–	–	–	W1	–	–	–	–	F26	(5) 20 MIN ASSEMBLY
F27		5'-0"	7'-0"	(7)	–	–	–	–	–	–	–	1 1/2 B1	(E)	L3	–	–	–	–	–	–	2 S5	–	–	T1	–	–	–	–	–	F27	EXIST'G DR. HC. HDWR.
F28		3'-0"	7'-0"	D	1-3/4"	HD/SC	P	–	–	–	–	2 B1	–	L3	–	–	–	C2	K1	K2	S1	–	–	–	–	–	–	–	–	F28	(4) 45 MIN. DOOR
F29		5'-0"	7'-0"	(8)	1-3/4"	HD/SC	P	–	P	–	–	2 B1	–	L5	–	–	–	2 C2	2 K1	2 K2	2 S1	FRPT MG	–	–	–	–	–	–	–	F29	(4)(10) 45 MIN. DOOR
F30		3'-0"	7'-0"	D	1-3/4"	HD/SC	P	–	P	–	–	1 1/2 B1	–	L3	–	–	–	C2	K1	K2	S1	–	–	–	–	–	–	–	–	F30	(4) 45 MIN. DOOR
F31		2'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	F31	EXIST'G DR. TO REMAIN
F32		2'-4"	7'-0"	D	1-3/4"	HD/SC	–	–	P	–	–	1 1/2 B1	–	L2	–	–	–	C1	K1	–	S1	–	–	–	–	–	–	–	–	F32	(4) 45 MIN. DOOR
F33		3'-0"	7'-0"	B	1-3/4"	HD/SC	P	H.M.	P	YES	–	1 1/2 B1	–	L3	–	–	–	C1	K1	K2	S1	–	–	–	H1	6 L-10	–	5 L-10	5 L-10	F33	20 MIN ASSEMBLY
G1		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	G1	EXIST'G DR. TO REMAIN
G2		3'-0"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	G2	EXIST'G DR. TO REMAIN
G3		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	G3	EXIST'G DR. TO REMAIN
G4		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	L3	–	M2	–	–	–	–	–	–	–	T2	[illegible]	–	–	–	–	G4	EXIST'G DR. HC. HDWR.
G5		3'-6"	7'-0"	–	–	–	–	–	–	–	–	–	–	L3	–	M2	–	–	–	–	–	–	–	T2	[illegible]	–	–	–	–	G5	EXIST'G DR. HC. HDWR.
G

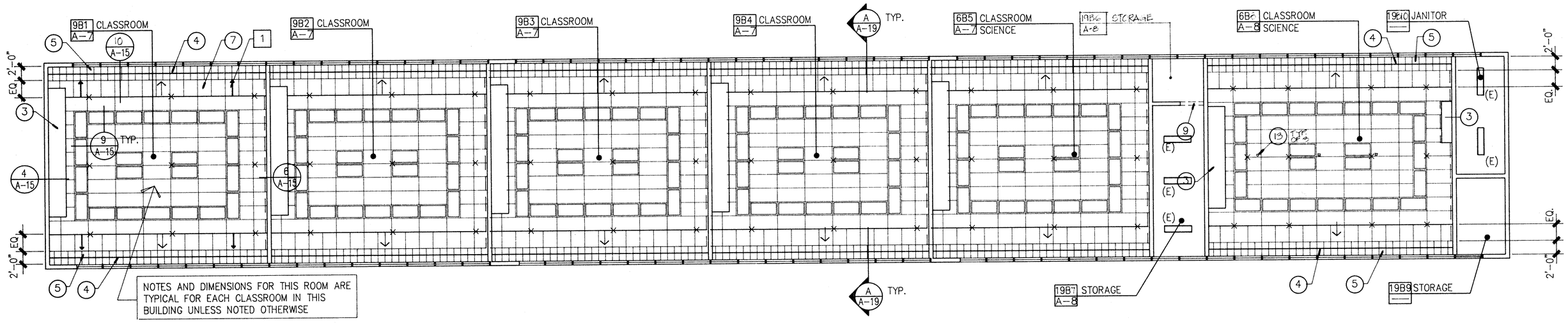
CLASSIFICATION OF SUSPENDED CEILING GRID:

MANUFACTURER	MAIN RUNNER	CLASS	CROSS RUNNER
CHICAGO METALLIC CORP.	HEAVY DUTY 1870	F.R.	1854

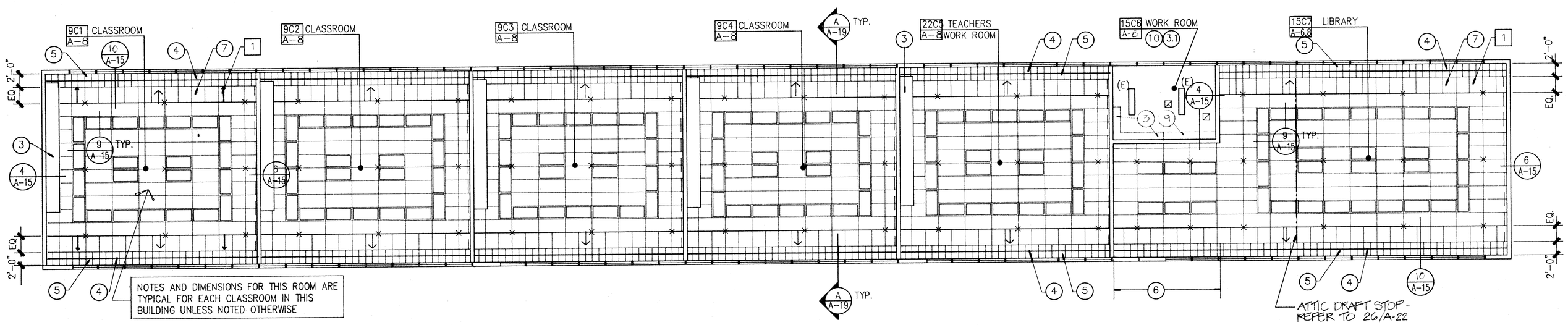
REFER TO PROJECT MANUAL (SPECIFICATIONS) SECTION 09510 FOR ADDITIONAL INSTALLATION REQUIREMENTS OF SUSPENDED T-BAR CEILING SYSTEM.



BUILDING A



BUILDING B



BUILDING C

REFLECTED CEILING PLANS

1/8"

CEILING MATERIAL, FINISH, LIGHT FIXTURES AND MECHANICAL REGISTERS SHALL REMAIN AS THEY EXIST, UNLESS OTHERWISE NOTED. (REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.)

SYMBOLS/LEGEND

SYMBOL	DESCRIPTION
	2' X 4' SUSPENDED T – BAR CEILING SYSTEM WITH ACOUSTIC CEILING PANELS
	EXISTING ACOUSTIC TILE CEILING
	GYPSUM BOARD CEILING (SEE ROOM FINISH SCHEDULE)
	EXISTING CEILING TO REMAIN
	1' X 4' FLUORESCENT LIGHT FIXTURE (REFER TO ELECTRICAL LIGHTING PLAN)
	2' X 4' FLUORESCENT LIGHT FIXTURE (REFER TO ELECTRICAL LIGHTING PLAN)
	SURF. MTD. INCANDESCENT LIGHT FIXTURE (REFER TO ELECTRICAL LIGHTING PLAN)
	SUPPLY AIR REGISTER (REFER TO MECHANICAL PLAN)
	RETURN AIR REGISTER (REFER TO MECHANICAL PLAN)
	EXHAUST FAN REGISTER (REFER TO MECHANICAL PLAN)
←	ARROW INDICATES DIRECTION OF SLOPED CEILING FROM LOW TO HIGH

DEMOLITION NOTES

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3.1 EXISTING PLASTER CEILING
4. REPAIR EXISTING DRAPERY TRACKS
5. EXISTING ACOUSTIC CEILING TILE. REPLACE ANY EXPOSED TILES WHICH ARE CRACKED, DENTED, CHIPPED OR SIMILARLY DISFIGURED WITH MATCHING TEXTURE & PATTERN ACOUS. CLG. TILE.
6. PROVIDE AND INSTALL REQUIRED CEILING STRIPPING, MATCHING ACOUSTIC TILES.
7. 2' X 4' LAY-IN ACOUSTICAL PANELS IN SUSPENDED T-BAR GRID. REFER TO DETAIL 1/A-15.
8. REPAIR, CLEAN AND PAINT EXISTING SUSPENDED T-BAR CEILING SYSTEM AFTER EXISTING LAY-IN PANELS HAVE BEEN REMOVED.
9. REPAIR, PATCH AND PREPARE EXISTING SURFACE TO ACCEPT FINISH (REFER TO RM. FIN SCHED.)
10. COORDINATE PLACEMENT OF CEILING REGISTER WITH EXISTING CEILING MOUNTED LIGHT FIXTURES.
11. PROVIDE AND INSTALL 2' X 4' LAY-IN ACOUSTIC CEILING PANELS.
12. PROVIDE AND INSTALL 5/8" GYPSUM BOARD OVER 2 X 4 FURRING STRIPS AT 24" O.C.
13. EXISTING POWER POLES TO BE RELOCATED AS REQUIRED TO COORDINATE WITH LOCATION OF LIGHT FIXTURES. (REFER TO ELEC. DWGS.)

RRA
Architecture
Planning
Interior Design
Space Planning

Donald W. Renfro AIA C5283
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Renfro-Russell & Associates, Inc.
4800 Stockdale Highway, Suite 304, Bakersfield, California 93309 (805) 327-7075

CONSULTANTS

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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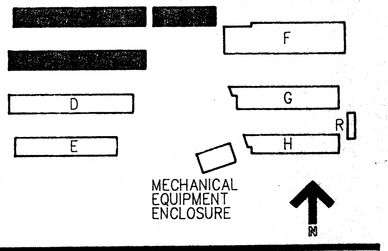
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS

APPROVED FOR DSA/AP
Department of General Services
Structural Safety Section
NF/LA
APPROVED BY THE STATE ARCHITECT
AUG 01 '89
STATE ARCHITECT

SHEET TITLE

REFLECTED CEILING PLANS BUILDINGS A, B, C

APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY ES PROJECT NO. 86-216W

SHEET NUMBER 86216CA33A96

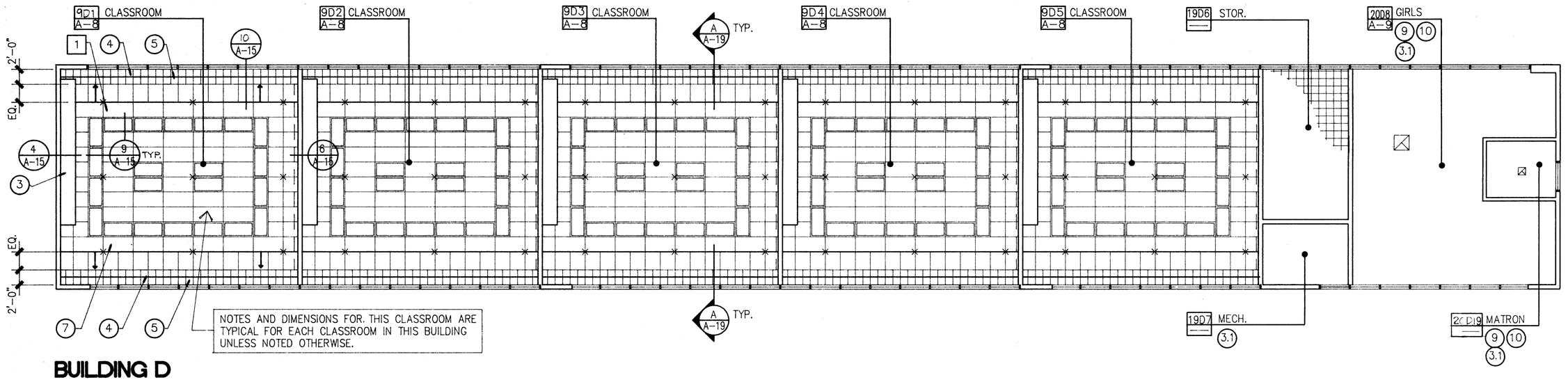
A-13

OF 23 SHEETS

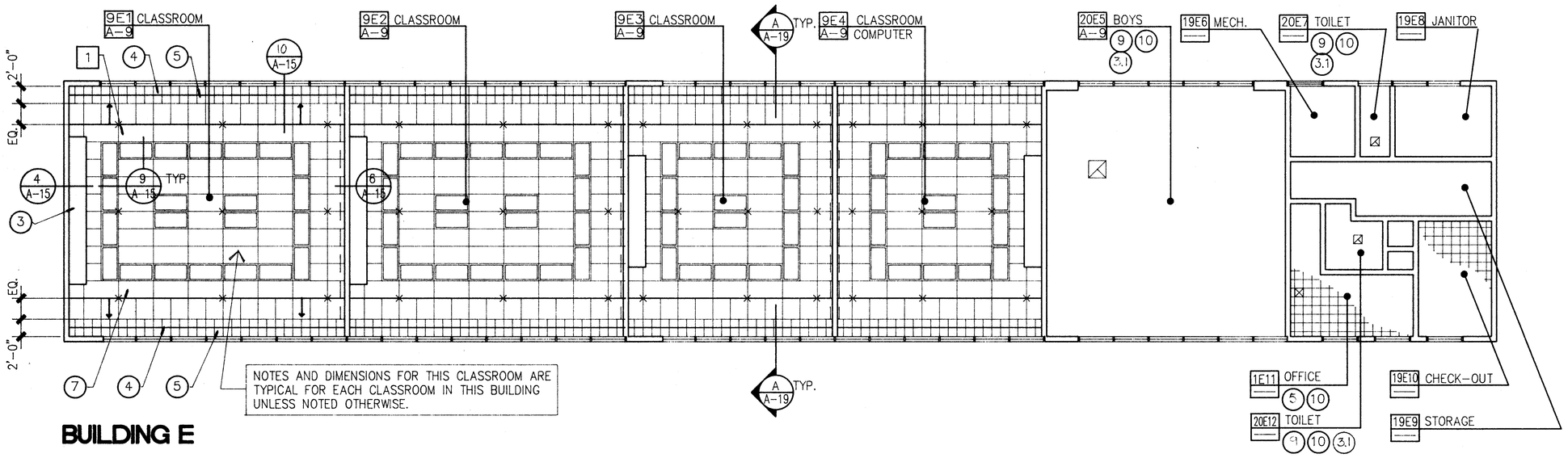
CLASSIFICATION OF SUSPENDED CEILING GRID:

MANUFACTURER	MAIN RUNNER	CLASS	CROSS RUNNER
CHICAGO METALLIC CORP.	HEAVY DUTY 1870	F.R.	1854

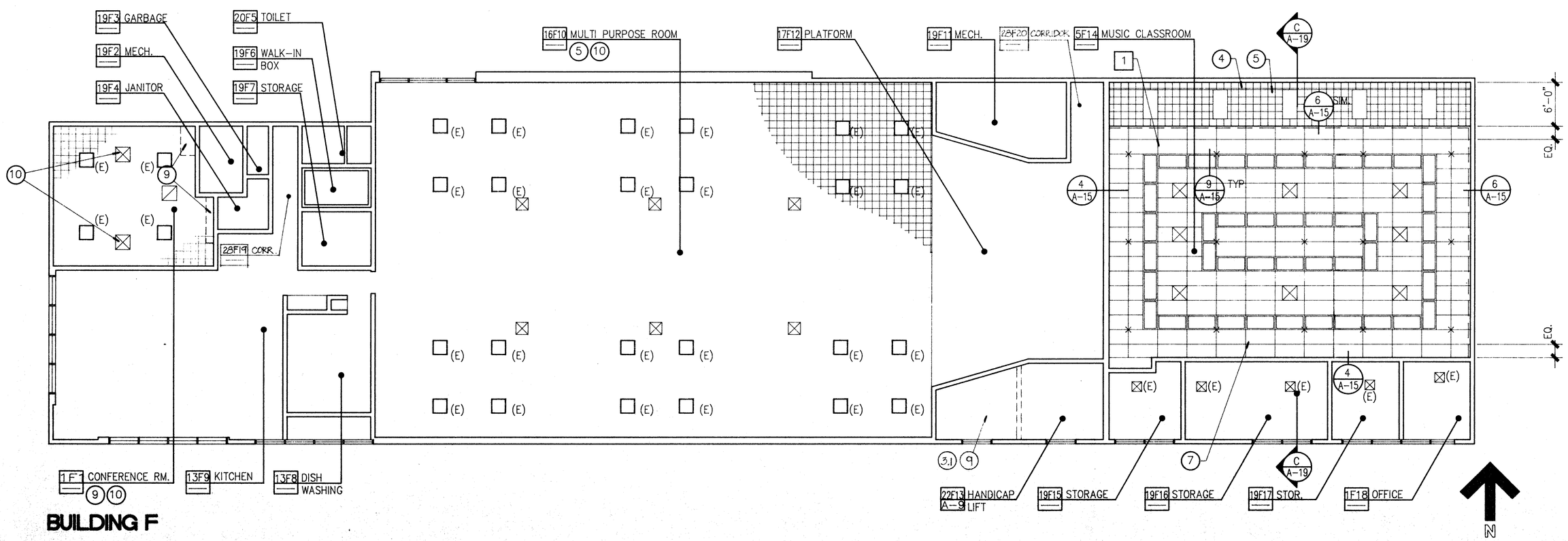
REFER TO PROJECT MANUAL (SPECIFICATIONS) SECTION 09510 FOR ADDITIONAL INSTALLATION REQUIREMENTS OF SUSPENDED T–BAR CEILING SYSTEM.



BUILDING D



BUILDING E



BUILDING F

REFLECTED CEILING PLANS

1/8"

CEILING MATERIAL, FINISH, LIGHT FIXTURES AND MECHANICAL REGISTERS SHALL REMAIN AS THEY EXIST, UNLESS OTHERWISE NOTED. (REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.)

SYMBOLS/LEGEND

SYMBOL	DESCRIPTION
	2' X 4' SUSPENDED T – BAR CEILING SYSTEM WITH ACOUSTIC CEILING PANELS
	EXISTING ACOUSTIC TILE CEILING
	GYPSUM BOARD CEILING (SEE ROOM FINISH SCHEDULE)
	EXISTING CEILING TO REMAIN
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6. PROVIDE AND INSTALL REQUIRED CEILING STRIPPING, MATCHING ACOUSTIC TILES.

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CONSULTANTS

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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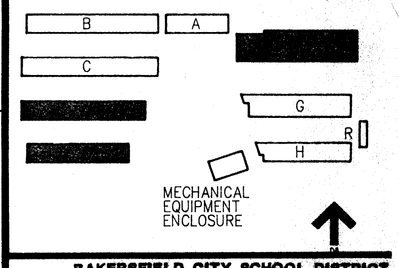


BAKERSFIELD CITY SCHOOL DISTRICT BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS
	1
	2
	3
	4

SHEET TITLE

REFLECTED CEILING PLANS BUILDINGS D, E, F

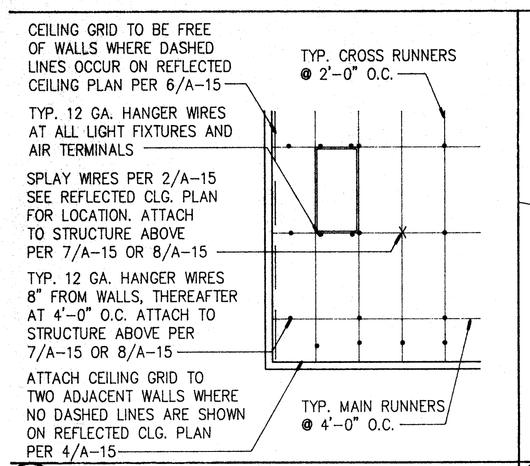
APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY ES PROJECT NO. 86-216W

SHEET NUMBER 86216CA33B96

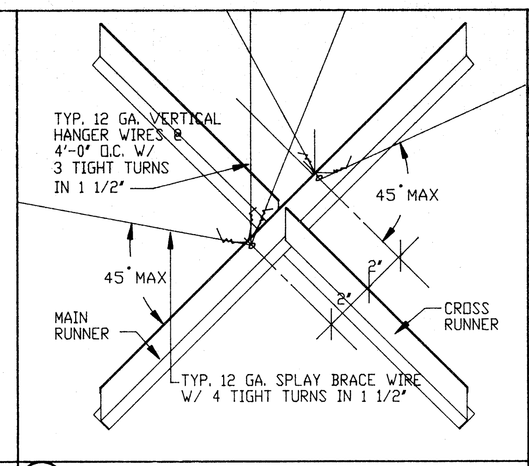
A-14

OF 23 SHEETS

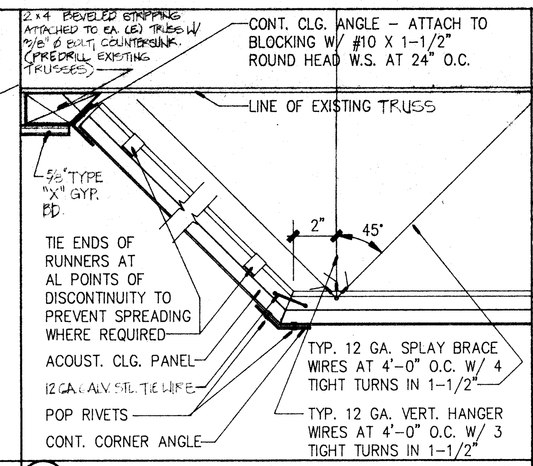
OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
51947 AUG 01 '89 67



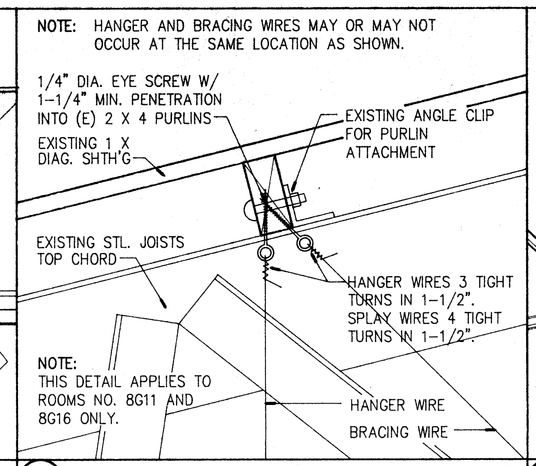
1 T-BAR CEILING



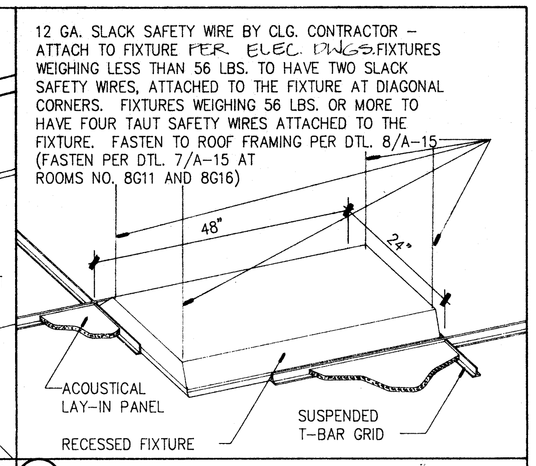
3 T-BAR CEILING CONNECTION



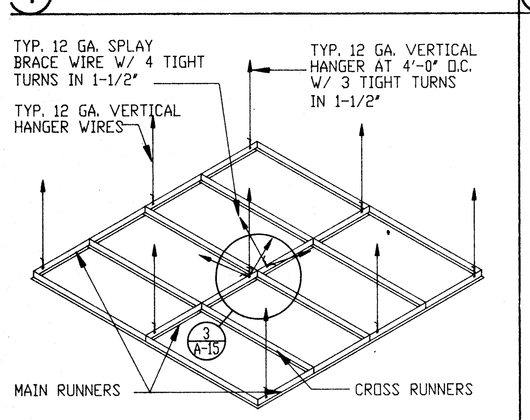
5 T-BAR CLG. TO GYPSUM BD. CLG. 3"



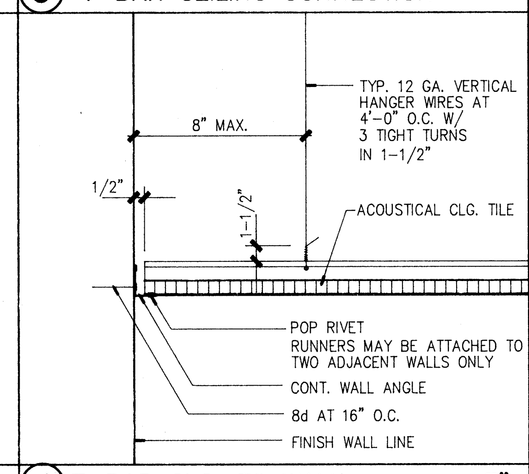
7 HANGER WIRE TO JSTS. 3"



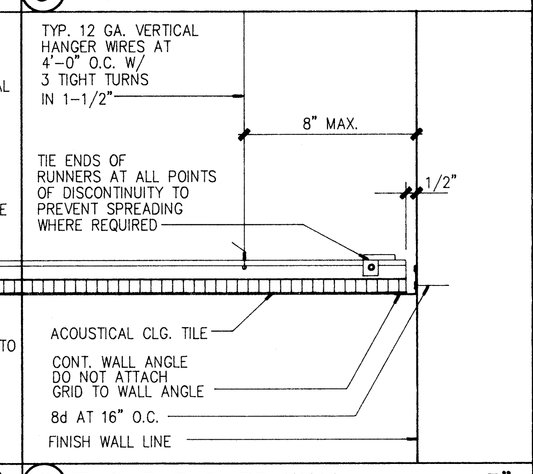
9 RECESSED FIXTURE MOUNTING* 3/4"



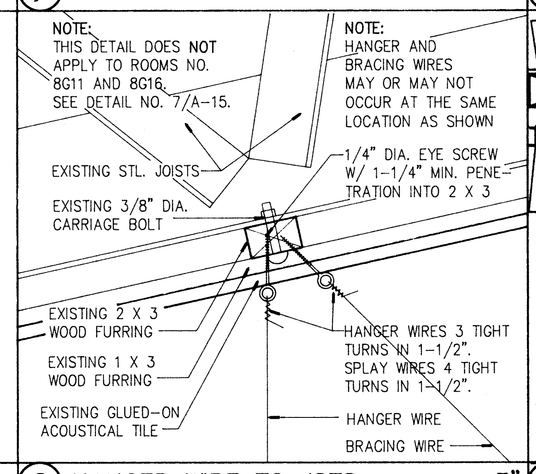
2 T-BAR CEILING CONNECT. N.T.S.



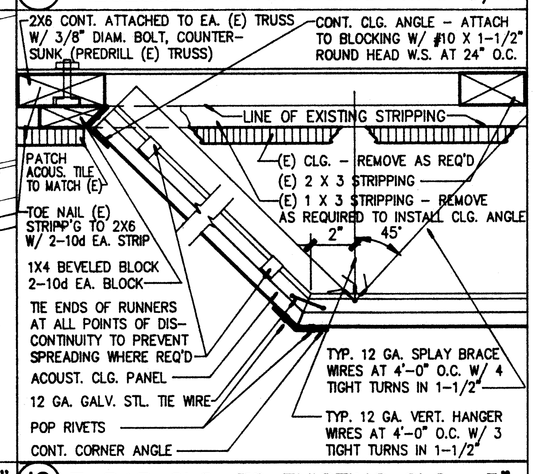
4 T-BAR CLG. TO WALL 3"



6 T-BAR CLG. TO WALL 3"



8 HANGER WIRE TO JSTS. 3"



10 T-BAR CLG. TO EXISTING CLG. 3"

CLASSIFICATION OF SUSPENDED CEILING GRID:

MANUFACTURER	MAIN RUNNER	CLASS	CROSS RUNNER
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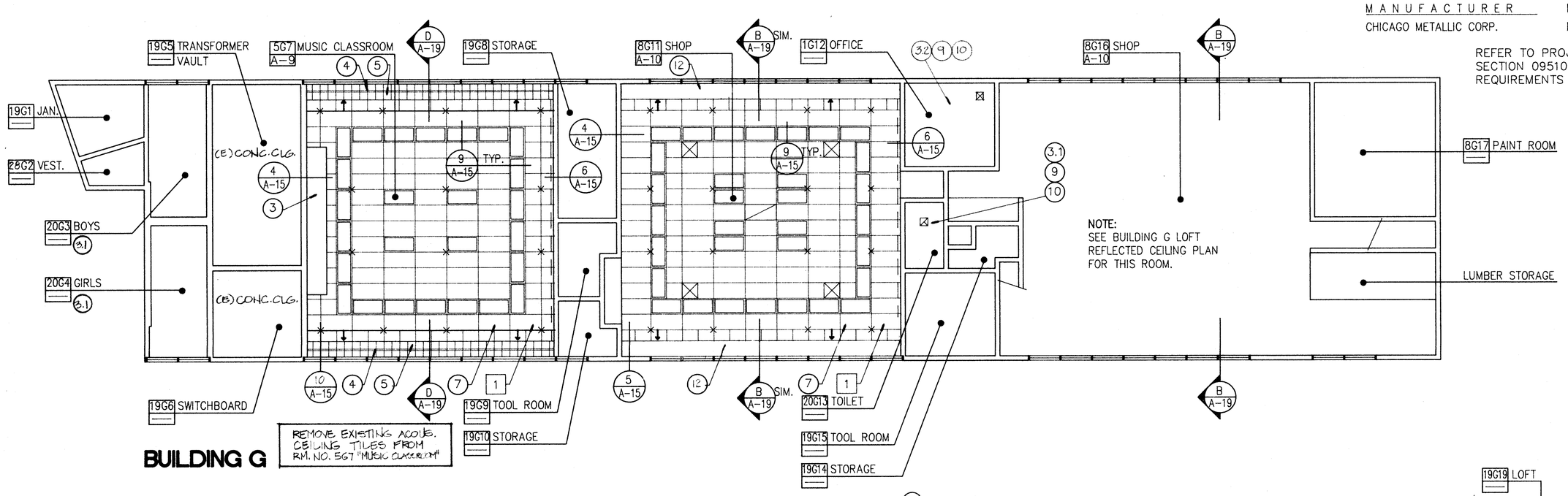
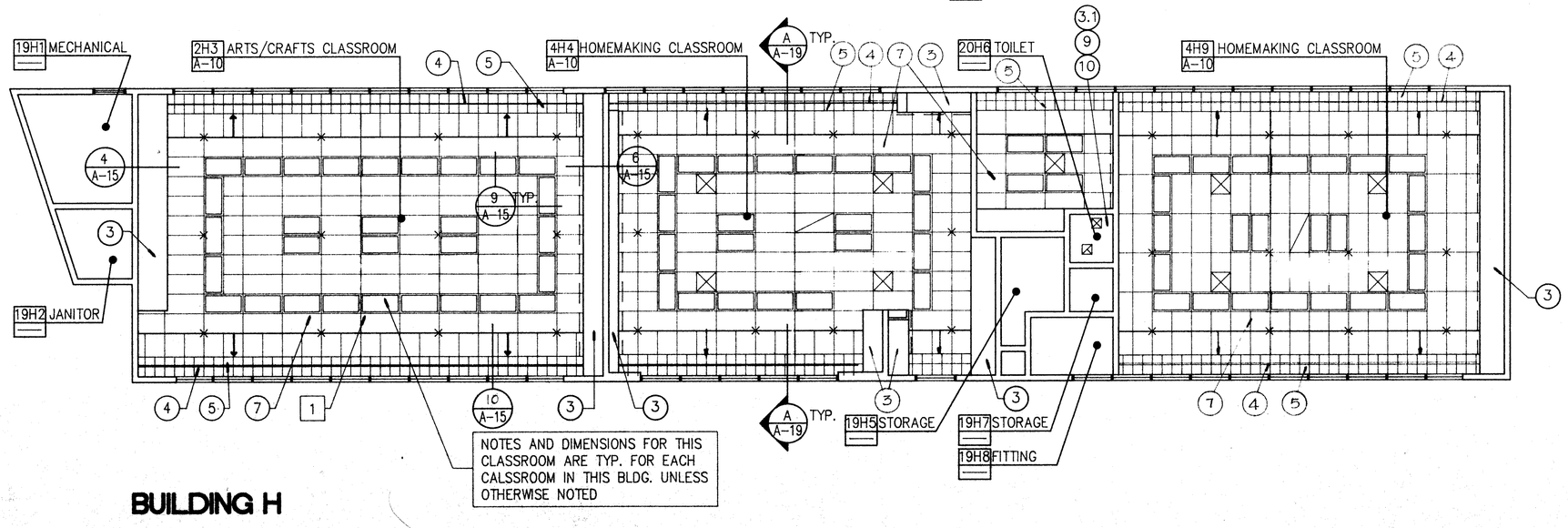


NOTE: SEE BUILDING G LOFT REFLECTED CEILING PLAN FOR THIS ROOM.

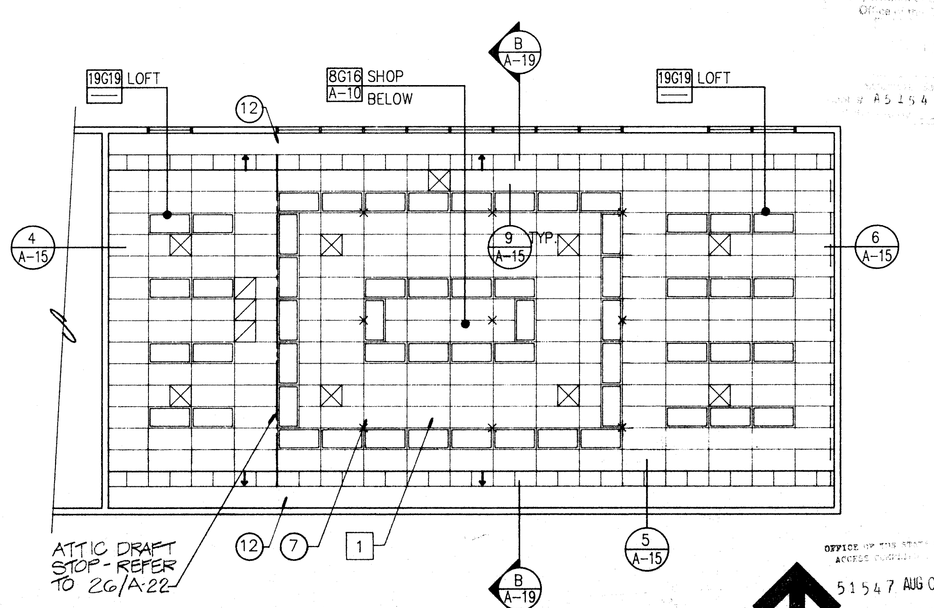
REMOVE EXISTING ACOUS. CEILING TILES FROM RM. NO. 5G7 MUSIC CLASSROOM

BUILDING G



NOTES AND DIMENSIONS FOR THIS CLASSROOM ARE TYP. FOR EACH CALSSROOM IN THIS BLDG. UNLESS OTHERWISE NOTED

BUILDING H



BUILDING G LOFT

N

1/8"

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	EXISTING CEILING TO REMAIN
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○	SURF. MTD. INCANDESCENT LIGHT FIXTURE (REFER TO ELEC. LIGHTING PLAN)
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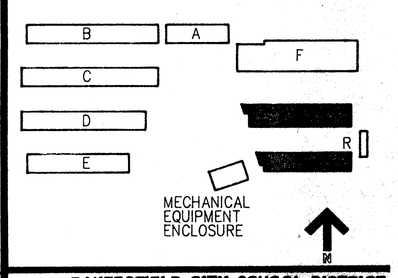

BAKERSFIELD CITY SCHOOL DISTRICT
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DATE	REVISIONS

SHEET TITLE

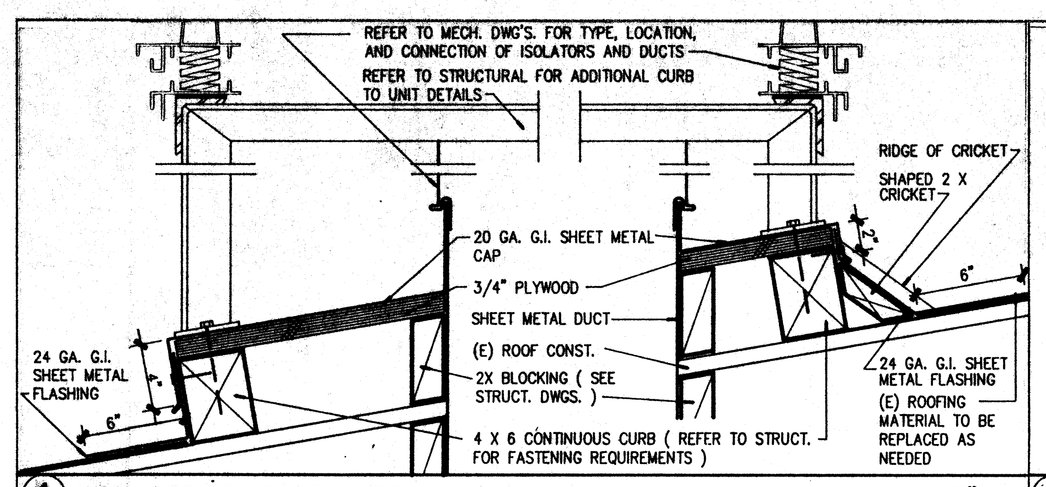
REFLECTED CEILING PLANS
BUILDINGS G, H, DETAILS

APPROVED/ARCHITECT
CHECKED TWP
DRAWN BY ES
DATE 8-1-89
PROJECT NO. 86-216W

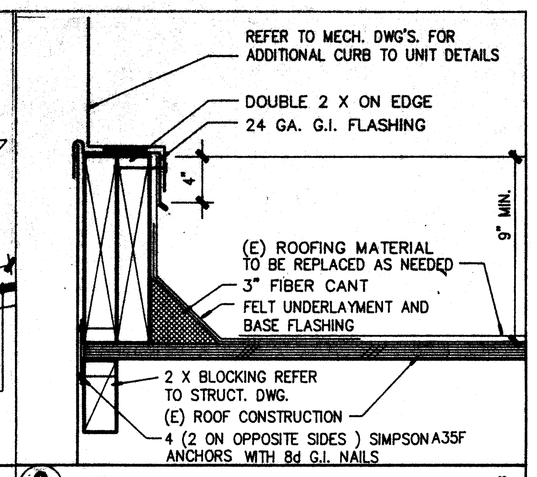
SHEET NUMBER 86216CA33C96

A-15

OF 23 SHEETS



1 MECH. EQUIP. ROOF CURB 3"



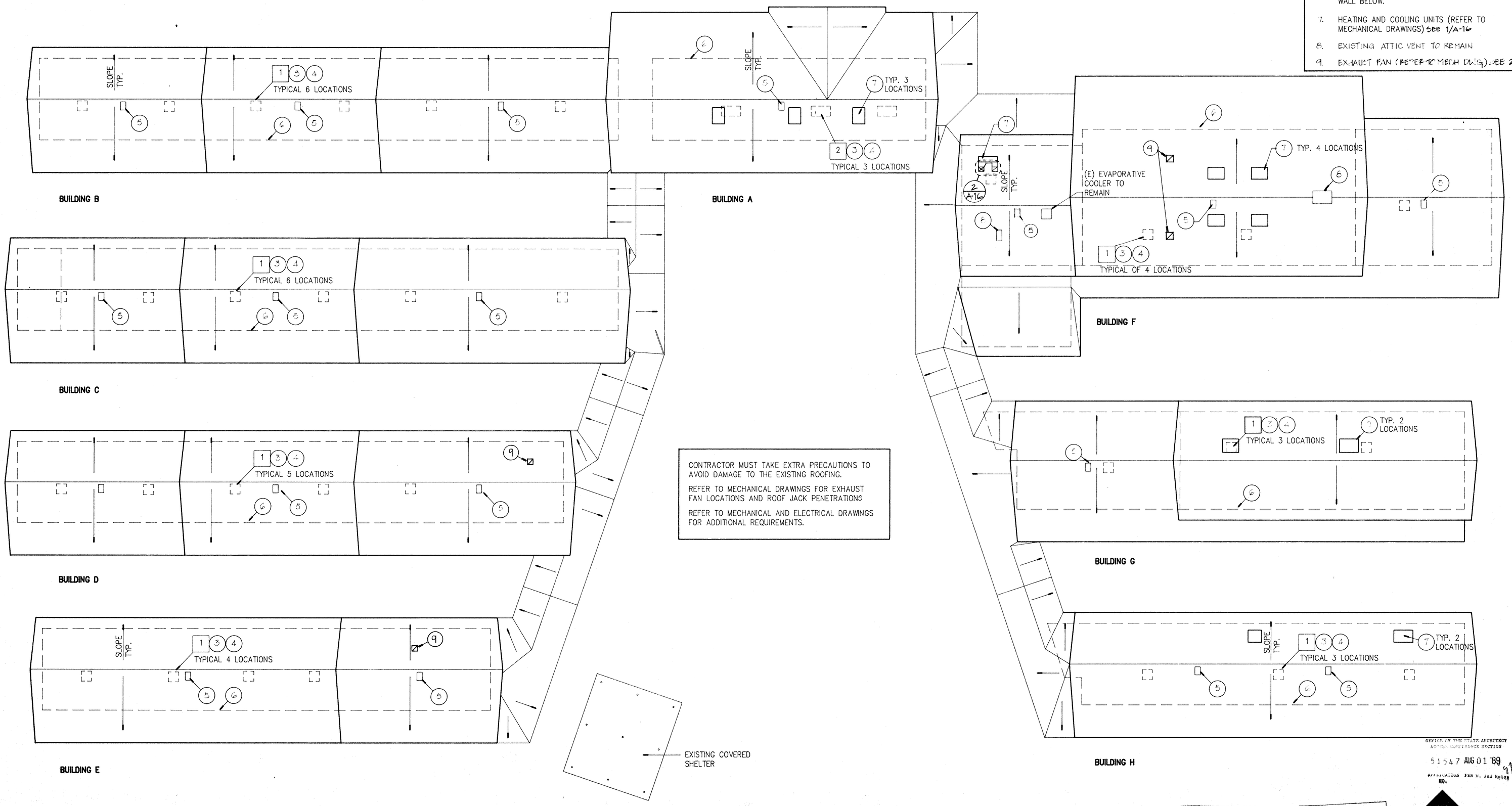
2 MECH. EQUIP. ROOF CURB 3"

DEMOLITION ROOF PLAN NOTES

1. REMOVE EXISTING ROOF MOUNTED EVAPORATIVE COOLER.
2. REMOVE EXISTING ROOF MOUNTED DUAL PACK AIR CONDITIONING UNIT.

ROOF PLAN NOTES

3. CAP DUCT PENETRATION THROUGH ROOF WITH AN INSULATED GALVANIZED SHEETMETAL COVER. PAINT COVER TO MATCH ROOFING COLOR. (REFER TO MECHANICAL DETAIL A/M-5).
4. REPAIR AND PATCH ROOFING AT ROOF DUCTING, PLUMBING, AND ELECTRICAL PENETRATIONS TO PROVIDE A WATER TIGHT INSTALLTION.
5. EXISTING ROOF HATCH TO REMAIN
6. DASH LINE INDICATES LINE OF BUILDING WALL BELOW.
7. HEATING AND COOLING UNITS (REFER TO MECHANICAL DRAWINGS) SEE 1/A-16
8. EXISTING ATTIC VENT TO REMAIN
9. EXHAUST FAN (REFER TO MECH DWG). SEE 2/A-16



CONTRACTOR MUST TAKE EXTRA PRECAUTIONS TO AVOID DAMAGE TO THE EXISTING ROOFING.

REFER TO MECHANICAL DRAWINGS FOR EXHAUST FAN LOCATIONS AND ROOF JACK PENETRATIONS

REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

OFFICE OF THE STATE ARCHITECT
APPROVAL CERTIFICATE SECTION
51547 AUG 01 '89
APPLICATION NO. 91
PER M. Joe Rotay

CERTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP 13 1989
Structural Safety Section
A51547
NP/LB

STATE ARCHITECT

ROOF PLAN

1/16"

RRA
Architecture
Planning
Interior Design
Space Planning

Donald W. Renfro AIA	C5283
Mark E. Russell AIA	C13726
Carl G. Elliott AIA	C7571
K. Bartram Huffman AIA	C12061
Kenneth A. Kalla AIA	C17760
Jeffrey P. Krausse AIA	C16834
Tommy W. Preston AIA	C12263
Larry G. Wiggins AIA	C12514

Renfro-Russell & Associates, Inc.
4800 Stockdale Highway, Suite 304, Bakersfield, California 93309 (805) 327-7075

CONSULTANTS

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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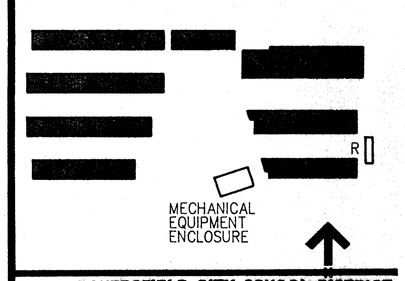
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

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DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS

SHEET TITLE

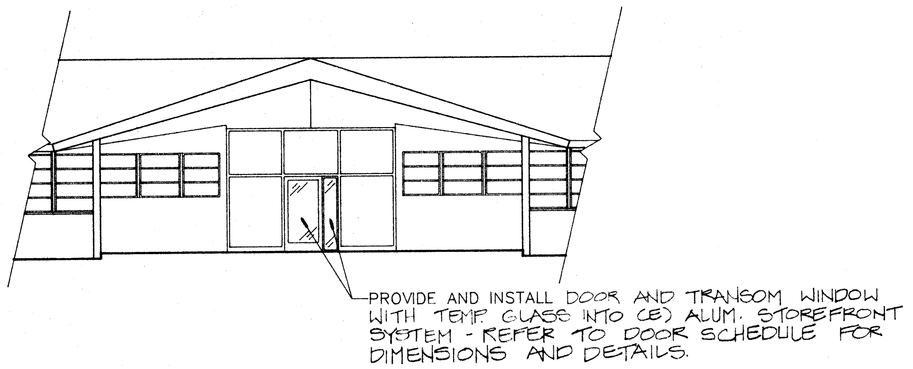
ROOF PLAN

APPROVED/ARCHITECT Thomas W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY ES PROJECT NO. 86-216W

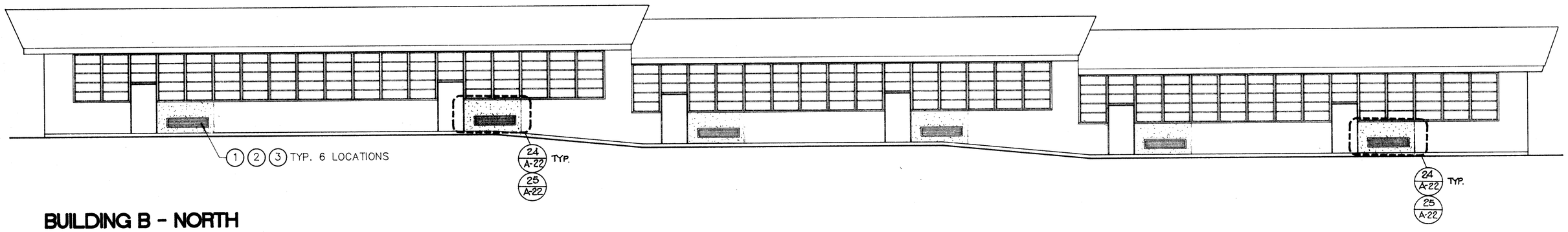
SHEET NUMBER 86216CA43A192

A-16

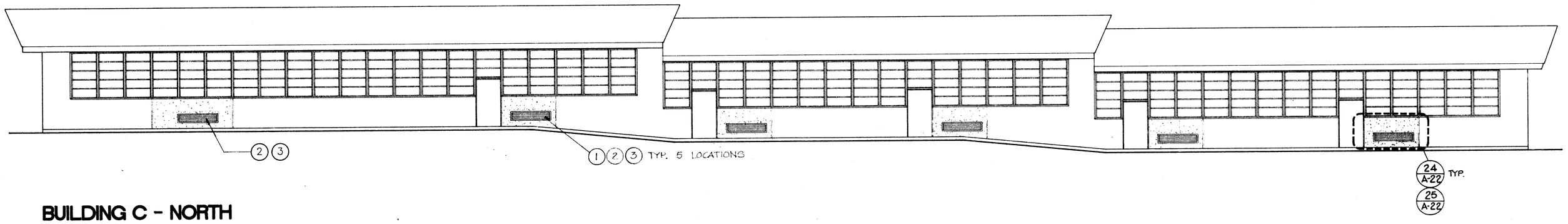
OF 23 SHEETS



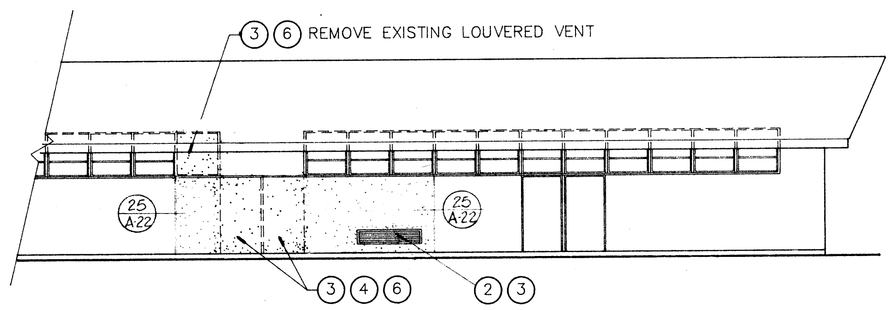
BUILDING A - PARTIAL NORTH



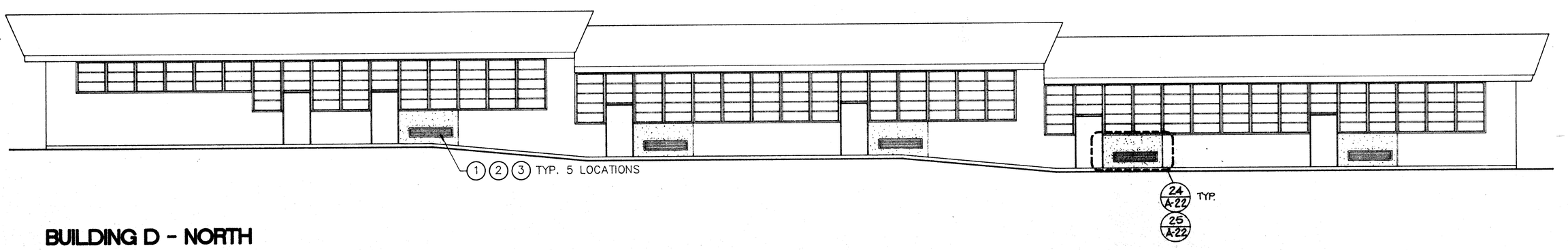
BUILDING B - NORTH



BUILDING C - NORTH



BUILDING C - PARTIAL SOUTH



BUILDING D - NORTH

EXTERIOR ELEVATIONS

1/8"

NOTE: (REFER TO MECHANICAL DRAWINGS FOR LOCATION AND DETAIL OF BAROMETRIC RELIEF VENTS)

EXT. ELEVATION NOTES

1. REMOVE EXISTING LOUVER (REFER TO MECHANICAL DRAWINGS)
2. PROVIDE & INSTALL MECHANICAL LOUVERED VENT AT EXTERIOR WALL WHERE FLOOR MOUNTED UNIT VENTILATORS OCCUR. (REFER TO MECHANICAL DRAWINGS FOR SIZE, REFER TO STRUCTURAL DETAIL S1647/S-1 FOR FRAMING.)
3. REPAIR, RESTORE, REPLACE TO MATCH OR MAKE GOOD THE DAMAGE TO EXISTING CONSTRUCTION WHICH OCCURS AS A RESULT OF OPERATIONS. PATCH INTERIOR AND EXTERIOR WALL SURFACES TO MATCH EXISTING.
4. REMOVE EXISTING DOOR AND FRAME.
5. PROVIDE AND INSTALL DOOR, HARDWARE AND FRAME.
6. INFILL WALL (REFER TO FLOOR PLAN).
7. PROVIDE & INSTALL HANDICAP RAMP PER TITLE 24 C.A.C (REFER TO SHEET A-1)

RRA
Architecture
Planning
Interior Design
Space Planning

Donald W. Renfro AIA	C5283
Mark E. Russell AIA	C13726
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K. Bartram Huffman AIA	C12061
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Larry G. Wiggins AIA	C12514

Renfro-Russell & Associates, Inc.
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CONSULTANTS

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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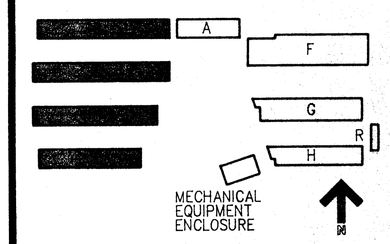
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

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DATE	ISSUED FOR
9.3.91	BIDDING

DATE	REVISIONS
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	2
	3
	4

SHEET TITLE

EXTERIOR ELEVATIONS
BUILDINGS B, C, D, E

APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY ES/RSS PROJECT NO. 86-216W

SHEET NUMBER 86216CA53A96

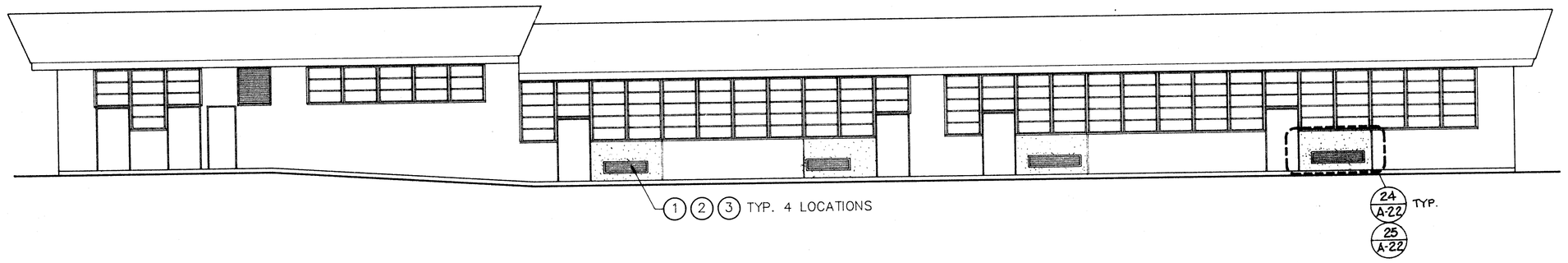
A-17

OF 23 SHEETS

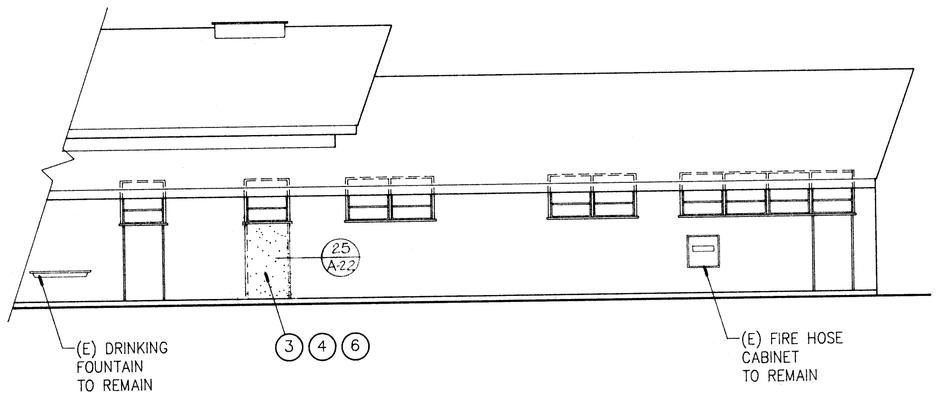
OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
51547 AUG 01 '89
No.

COUNTY
AL
STATE OF CALIFORNIA
SOUTHERN REGION

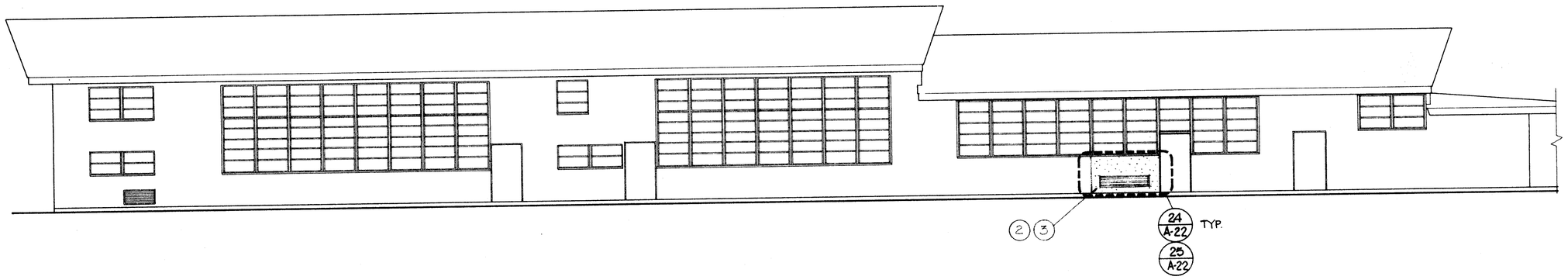
IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
SEP 13 1989
Structural Safety Section
A51547 NP/LA



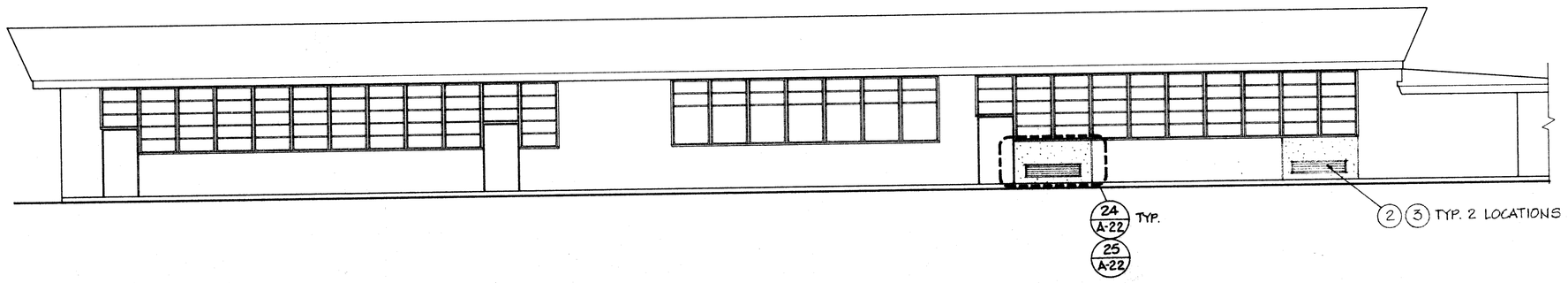
BUILDING E - NORTH



BUILDING F - PARTIAL SOUTH



BUILDING G - NORTH



BUILDING H - NORTH

EXTERIOR ELEVATIONS

1/8"

NOTE: (REFER TO MECHANICAL DRAWINGS FOR LOCATION AND DETAIL OF BAROMETRIC RELIEF VENTS)

EXT. ELEVATION NOTES

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3. REPAIR, RESTORE, REPLACE TO MATCH OR MAKE GOOD THE DAMAGE TO EXISTING CONSTRUCTION WHICH OCCURS AS A RESULT OF OPERATIONS. PATCH INTERIOR AND EXTERIOR WALL SURFACES TO MATCH EXISTING.
4. REMOVE EXISTING DOOR AND FRAME.
5. PROVIDE AND INSTALL DOOR, HARDWARE AND FRAME.
6. INFILL WALL (REFER TO FLOOR PLAN).
7. PROVIDE & INSTALL HANDICAP RAMP PER TITLE 24 C.A.C (REFER TO SHEET A-1)

RRA

Architecture
Planning
Interior Design
Space Planning

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PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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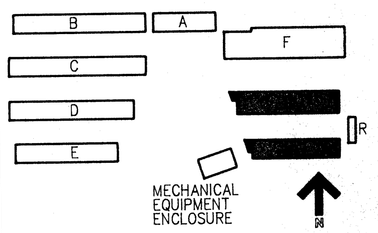
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

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DATE	REVISIONS

SHEET TITLE

EXTERIOR ELEVATIONS
BUILDINGS G, H

APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY ES/RSS PROJECT NO. 86-216W

SHEET NUMBER 86216CA53B96

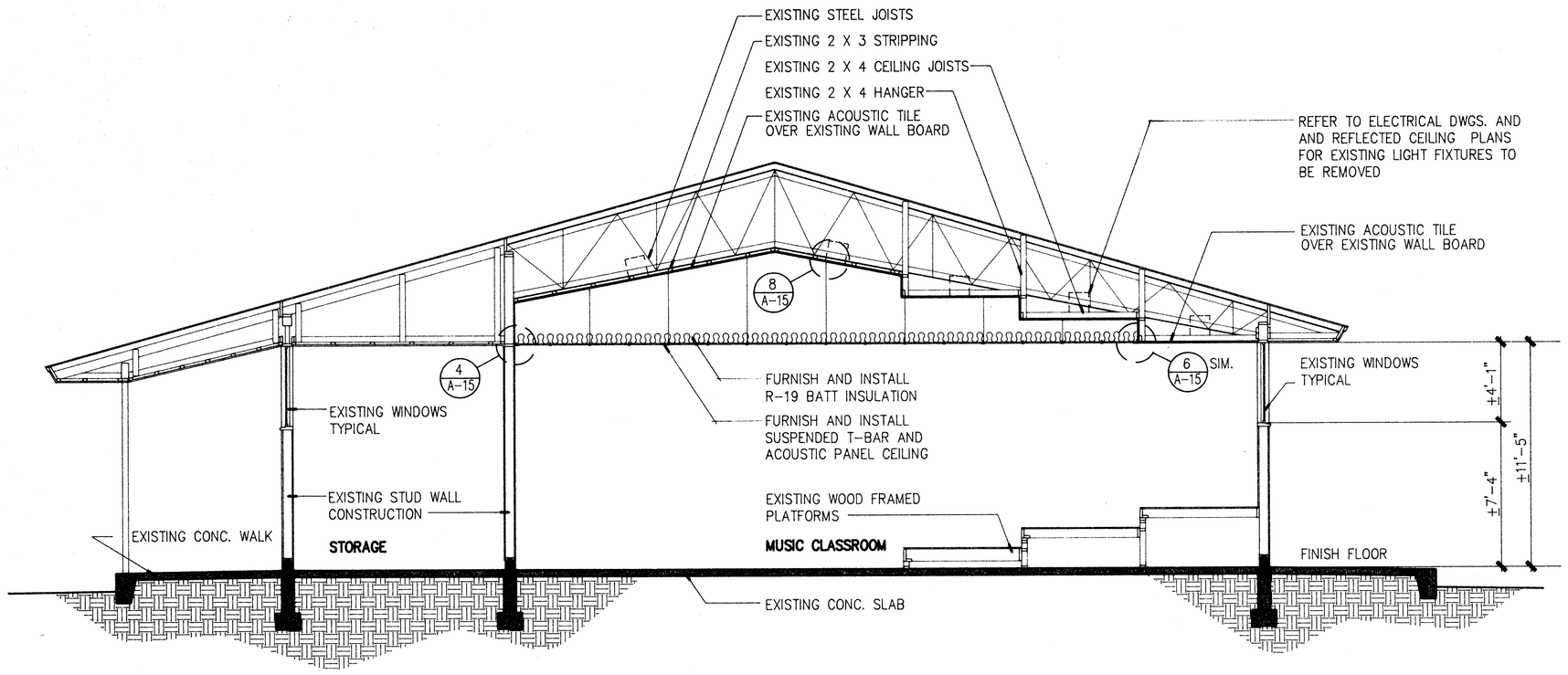
A-18

OF 23 SHEETS

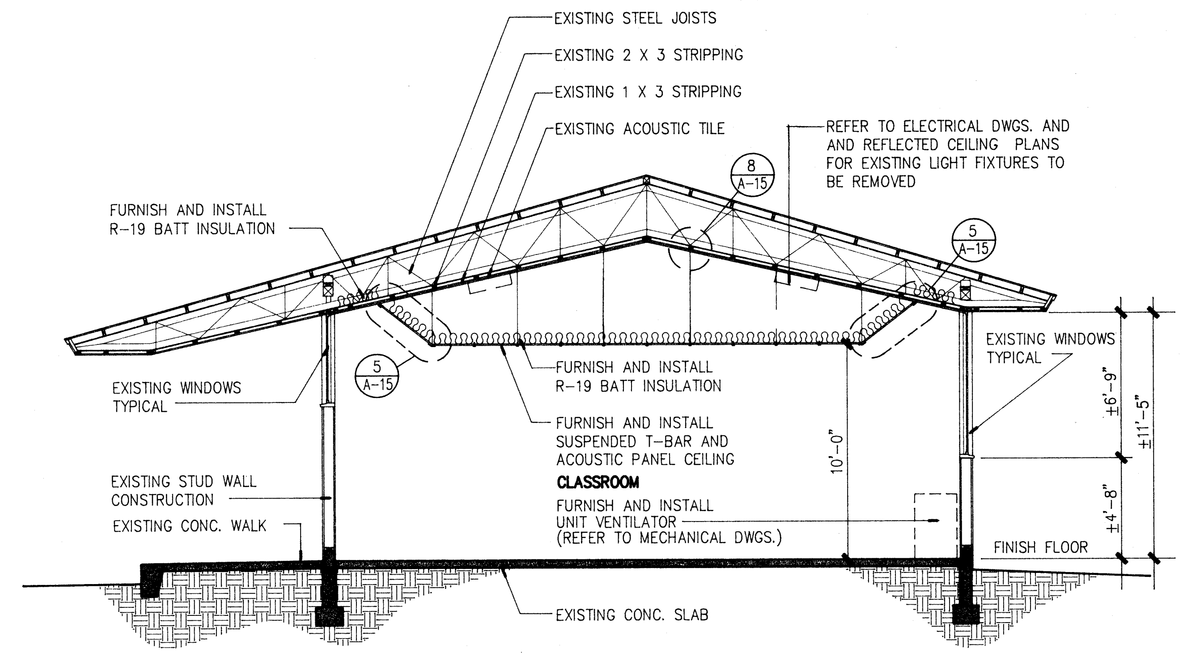
1 3 1990
Structural Safety Section
A51547 NP/LA

OFFICE OF THE STATE ARCHITECT
AUG 01 '89
51547
NO.

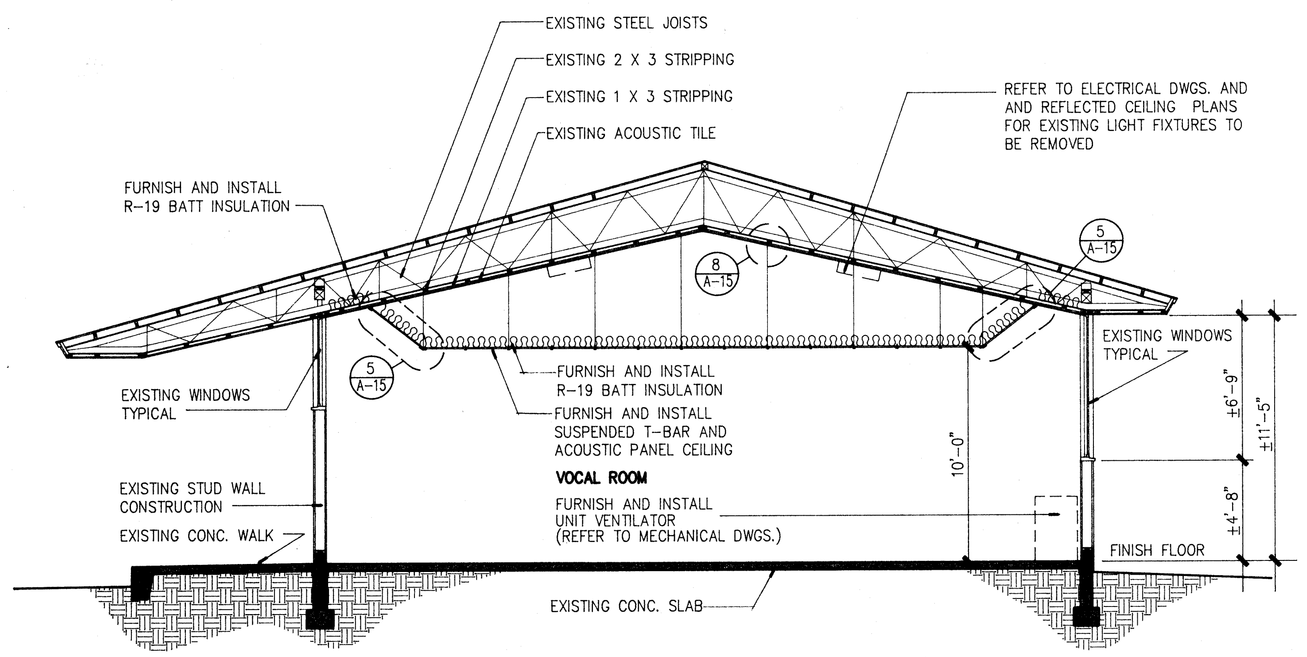
AUG
STATE
SCHOOL



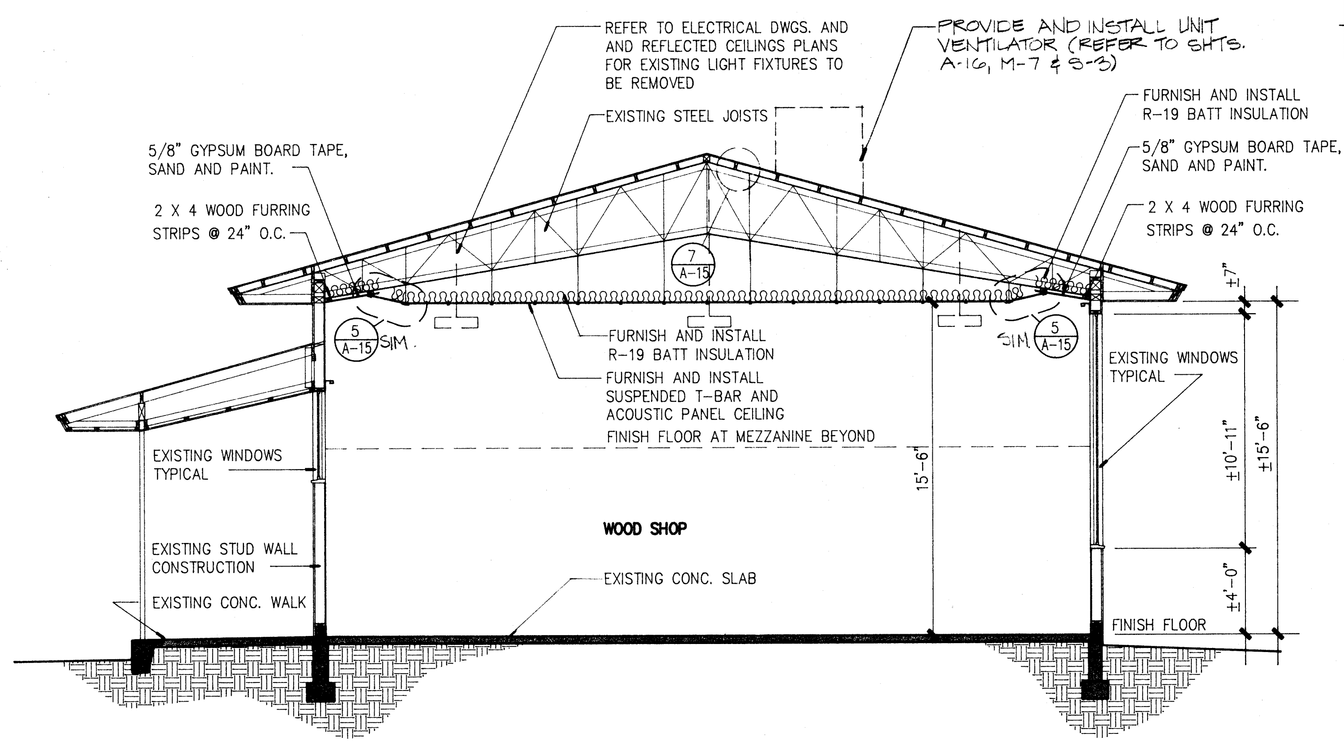
SECTION C - MUSIC CLASSROOM
BUILDING F



SECTION A - TYPICAL CLASSROOM
BUILDINGS B, C, D, E AND H



SECTION D - VOCAL ROOM
BUILDING G



SECTION B - WOOD SHOP (METAL SHOP SIMILAR)
BUILDING G

BUILDING SECTIONS

1/4"

51547 AUG 01 '89
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Structural Safety Section
Appl. # A51547
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Larry G. Wiggins AIA	C12511

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BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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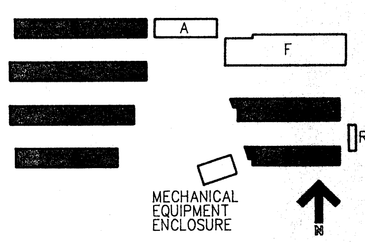
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE

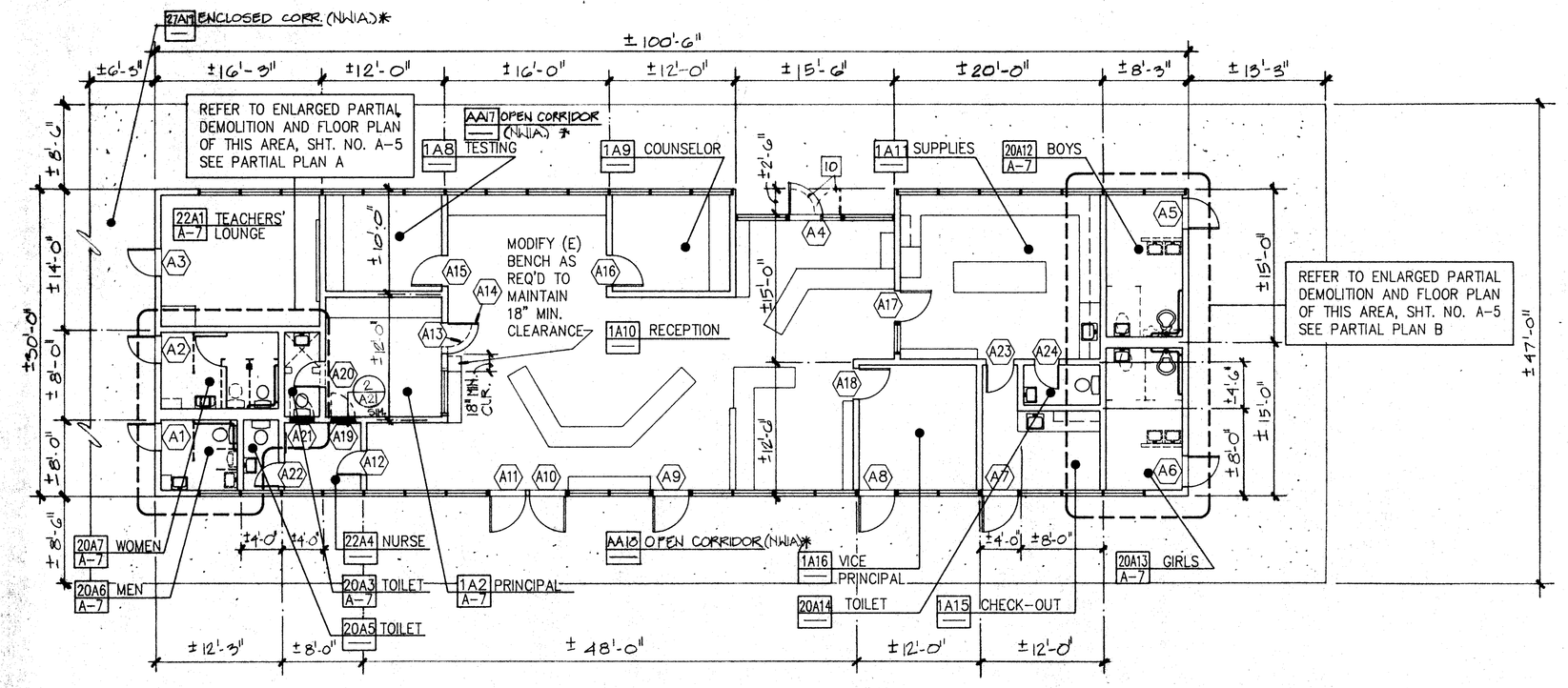
BUILDING SECTIONS

APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY ES PROJECT NO. 86-216W

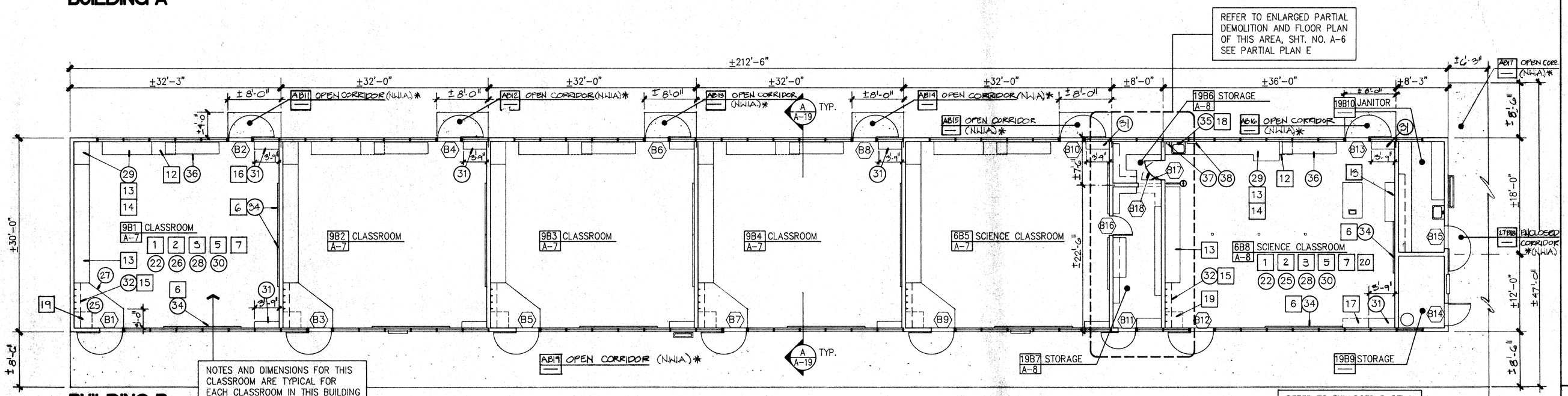
SHEET NUMBER 86216CA63A48

A-19

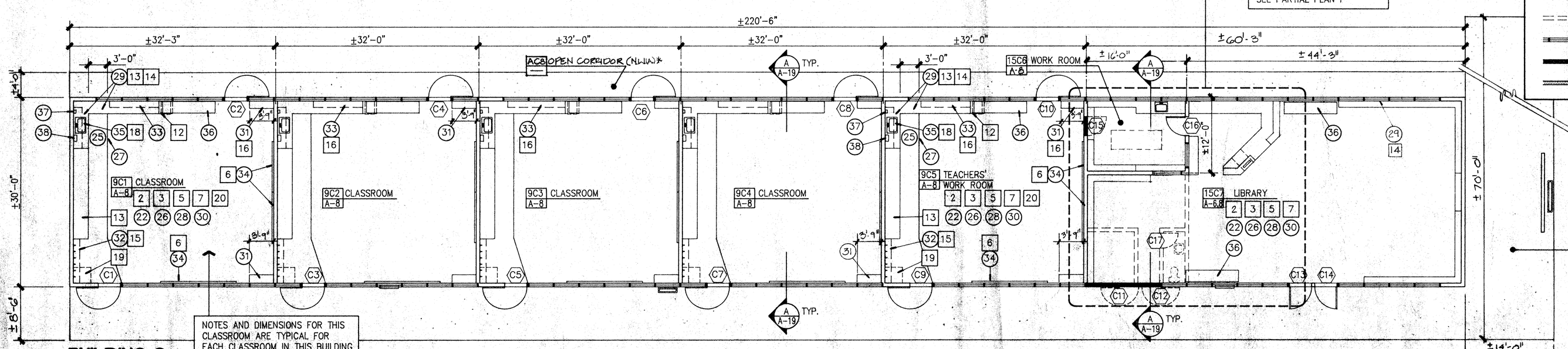
OF 23 SHEETS



BUILDING A



BUILDING B



BUILDING C

FLOOR PLANS

1/8"

* REFER TO SITE PLAN SHT. A-1 FOR SCOPE OF WORK @ (E) EXTERIOR RAMPS.

DEMOLITION PLAN NOTES

ALL NOTES IN THIS COLUMN ARE TO BE USED FOR DRAWINGS ON THIS SHEET ONLY. NOTES LISTED IN THIS COLUMN WHICH ARE NOT INDICATED ON THE DRAWING SHALL BE DISREGARDED.

1. REMOVE EXISTING FINISH FLOOR MATERIAL.
2. REMOVE (E) WALL MOUNTED CLOCKS, FLAG HOLDERS, FIRE EXTINGUISHER, FIRE HOSE BOXES, CLOTHES LINE HOOKS & OTHER SIMILAR WALL MOUNTED EQUIPMENT THAT WILL INTERFERE WITH THE INSTALLATION OF WALL FINISHES. FIRE HOSE BOXES TO BE RELOCATED OF WALL MOUNTED EQUIPMENT. FIRE CLOCKS & INCANDESCENT
3. REMOVE EXISTING FLOOR BASE.
4. REMOVE EXISTING CERAMIC TILE FLOORING.
5. REMOVE EXISTING TRIM PIECES, MOULDINGS & OTHER SIMILAR ITEMS IN THIS ROOM THAT WILL INTERFERE WITH THE INSTALLATION OF WALL FINISHES.
6. REMOVE EXISTING CHALKBOARDS.
7. REMOVE EXISTING TACK BOARDS.
8. REMOVE EXISTING WALL.
9. REMOVE EXISTING DOOR, HARDWARE AND FRAME.
10. REMOVE EXISTING DOOR AND HARDWARE.
11. REMOVE PORTION OF EXISTING WALL FOR WINDOW (REFER TO INTERIOR ELEVATION).
12. REMOVE PORTION OF EXISTING CABINET.
13. REMOVE EXISTING CABINET HARDWARE AND DOORS.
14. REMOVE EXISTING COUNTERTOPS AND SPLASHES.
15. REMOVE EXISTING SHELF, COAT HOOKS, AND SUPPORTING BRACKETS.

15.1 REMOVE EXISTING SHELF AND SUPPORTING BRACKET

16. REMOVE EXISTING BOOKCASE.
17. REMOVE EXISTING CABINET.
18. REMOVE EXISTING SINK (REFER TO PLUMBING PLANS)
19. REMOVE EXISTING UNIT HEATER (REFER TO MECHANICAL PLANS).
20. REMOVE EXISTING PAPER TOWEL DISPENSERS, SOAP DISPENSERS AND MIRRORS WHERE THEY OCCUR.
21. REMOVE EXISTING PAPER ROLL DISPENSER BRACKETS AND REINSTALL IN SAME LOCATION AFTER COUNTERTOP AND SPLASH ARE INSTALLED.

FLOOR PLAN NOTES

ALL NOTES IN THIS COLUMN ARE TO BE USED FOR DRAWINGS ON THIS SHEET ONLY. NOTES LISTED IN THIS COLUMN WHICH ARE NOT INDICATED ON THE DRAWING SHALL BE DISREGARDED.

22. PREPARE SUBFLOOR SURFACE TO ACCEPT FLOORING MATERIAL
23.
24. PATCH FLOOR WITH MATERIAL AND COLOR TO MATCH EXISTING.
25. PROVIDE AND INSTALL VINYL COMPOSITION TILE.
26. PROVIDE AND INSTALL CARPET.
27. PROVIDE AND INSTALL CARPET EDGE STRIP.
28. REPAIR, PATCH AND PREPARE WALL SURFACE TO ACCEPT FINISH WALL MATERIAL.
29. PROVIDE AND INSTALL LAM. PLAS. COVERED COUNTERTOPS AND SPLASHES (WHERE THEY OCCUR REFER TO INTERIOR ELEVATIONS)
30. ALL CABINETRY IN THIS ROOM IS EXISTING TO BE REPAIRED AND REFINISHED UNLESS NOTED OTHERWISE (REFER TO INTERIOR ELEVATIONS).
31. PROVIDE AND INSTALL LAMINATED PLASTIC COVERED BOOKCASE AND ADJUSTABLE SHELVES.
32. PROVIDE AND INSTALL SHELF, COAT HOOKS, AND SUPPORTING BRACKETS.
33. PROVIDE AND INSTALL UPPER BOOKCASE.
34. PROVIDE AND INSTALL CHALKBOARD (REFER TO INTERIOR ELEVATIONS).
35. PROVIDE AND INSTALL SINK (REFER TO PLUMBING PLANS).
36. PROVIDE AND INSTALL UNIT VENTILATOR (REFER TO MECHANICAL PLANS).
37. PROVIDE AND INSTALL SOAP DISPENSER.
38. PROVIDE AND INSTALL PAPER TOWEL DISPENSER.
39. PROVIDE AND INSTALL MIRROR.
40. REFRIGERATOR SPACE
41. PROVIDE AND INSTALL BASE CABINET

WALL LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- EXISTING WALL WITH WINDOWS TO REMAIN
- CONSTRUCT STUD WALL
- CONSTRUCT STUD WALL (PARTIAL HEIGHT)

RRA
Architecture
Planning
Interior Design
Space Planning

Donald W. Renfro AIA C5283
Mark E. Russell AIA C13726
Carl G. Elliott AIA C7571
K. Bartram Huffman AIA C12061
Kenneth A. Kalla AIA C17760
Jeffrey P. Krausse AIA C16834
Tommy W. Preston AIA C12263
Larry G. Wiggins AIA C12514

Renfro-Russell & Associates, Inc.
4800 Stockdale Highway, Suite 304, Bakersfield, California 93309 (805) 327-7075

CONSULTANTS

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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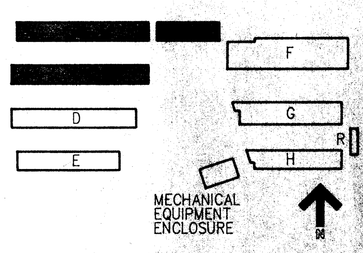
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS
8-12-89	1 DSA. DMN. REQUEST

SHEET TITLE

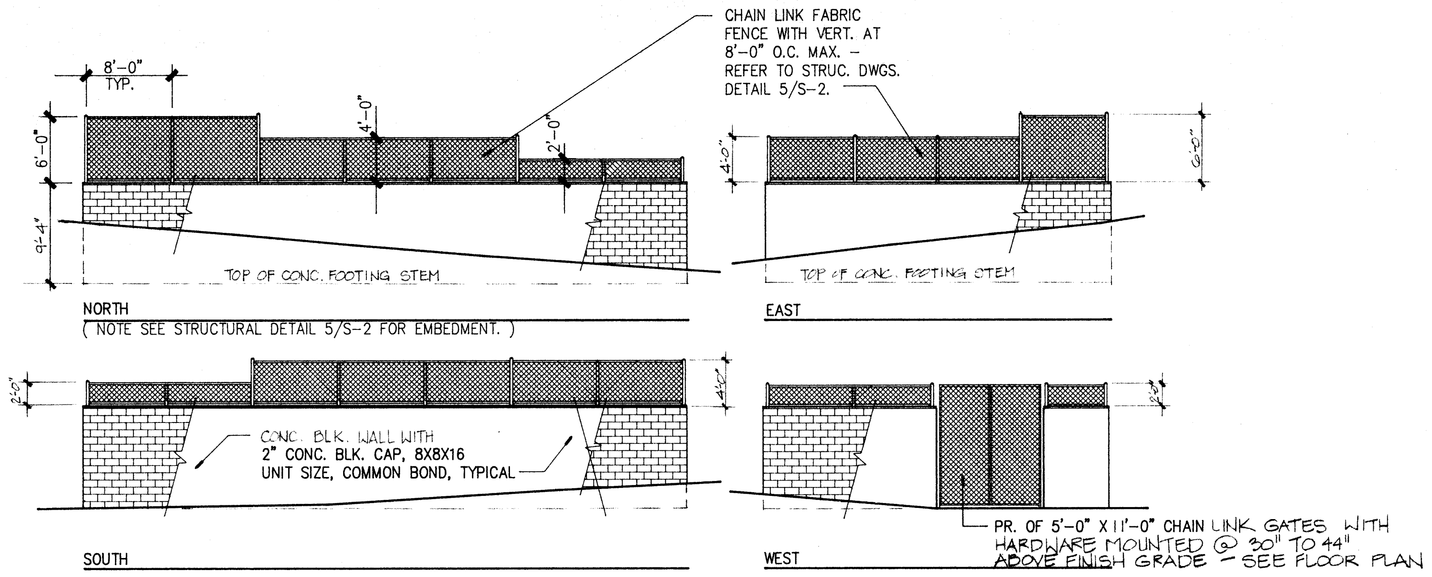
FLOOR PLANS
BUILDINGS A, B, C

APPROVED/ARCHITECT
CHECKED TWP
DRAWN BY ES
DATE 8-1-89
PROJECT NO. 86-715W

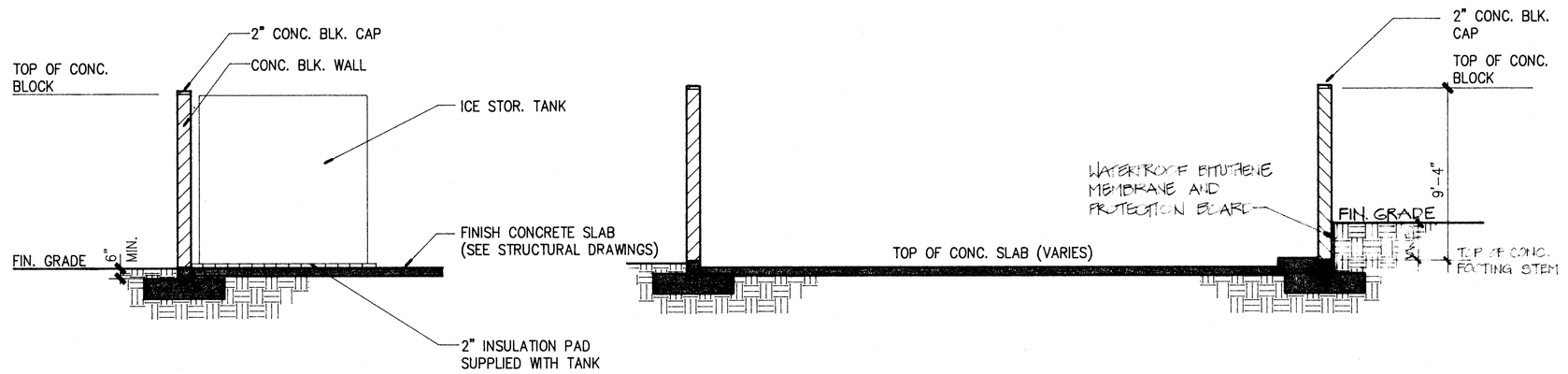
SHEET NUMBER 86216CA12AB

A-2

OF 23 SHEETS

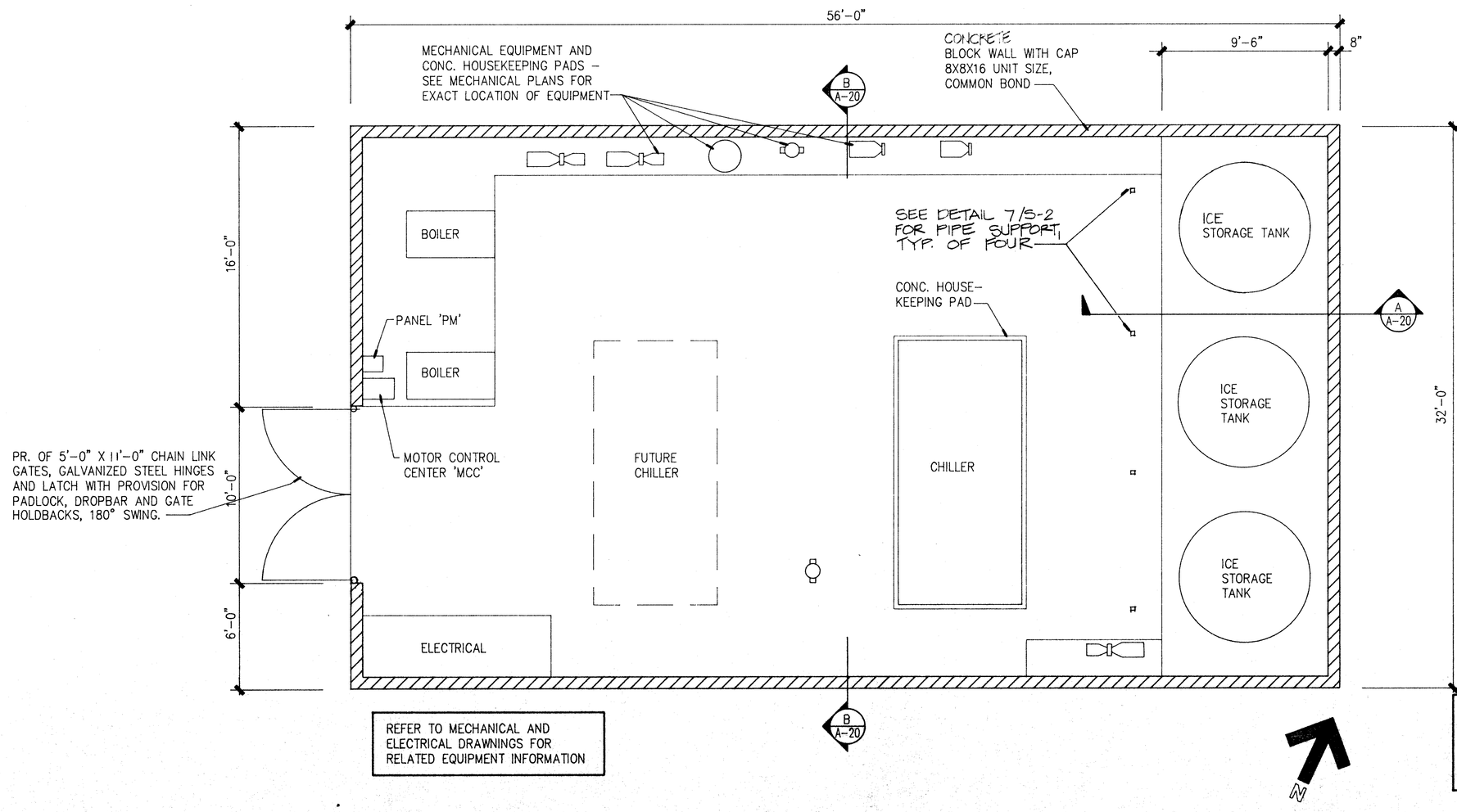


EXTERIOR ELEVATIONS 1/8"



A-A B-B

BUILDING SECTIONS 1/4"



NOTE:
REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED EQUIPMENT INFORMATION.
REFER TO STRUCTURAL DRAWING SHEET S-2 FOR CONCRETE SLAB ELEVATIONS.
REFER TO STRUCTURAL DRAWING SHEET S-2 FOR E.J. AND C.J. LOCATIONS.

FLOOR PLAN 1/4"

RRA
Architecture
Planning
Interior Design
Space Planning

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PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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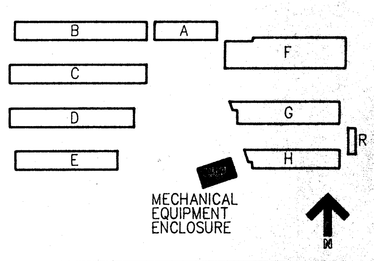
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE

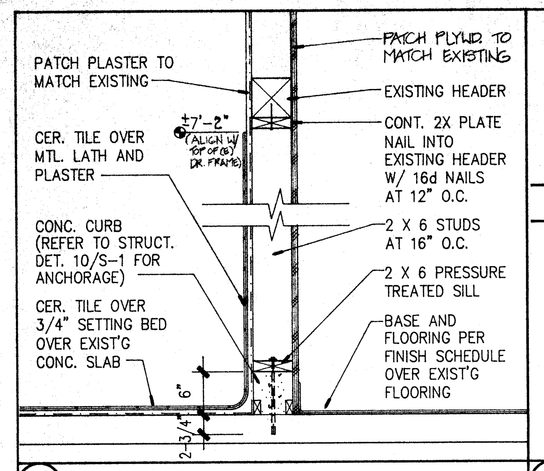
MECHANICAL EQUIPMENT ENCLOSURE

APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY RSS PROJECT NO. 86-216W

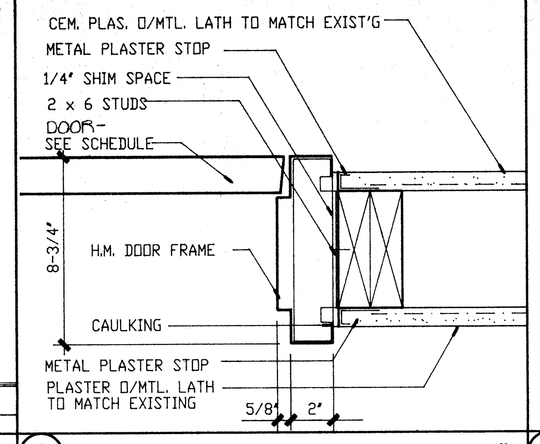
SHEET NUMBER 86216CA23M48

A-20

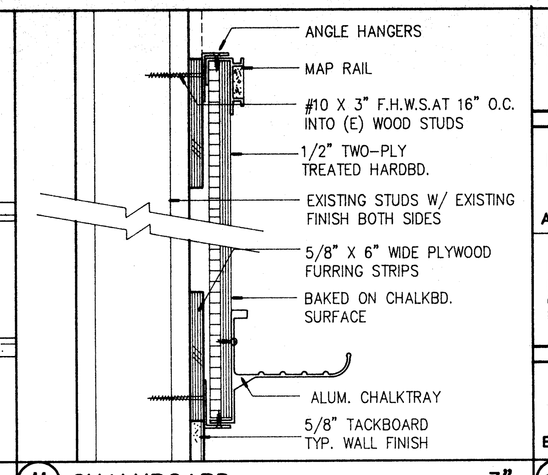
OF 23 SHEETS



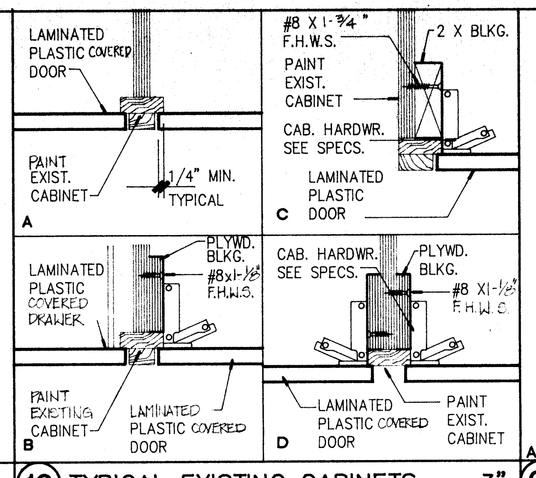
1 WALL SECTION RM. A3 1"



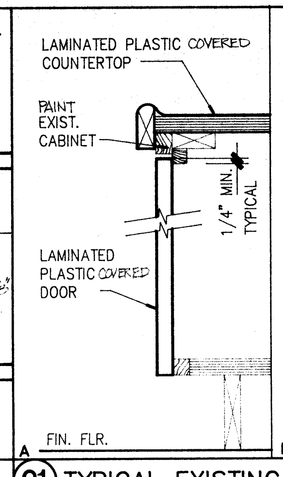
6 DOOR JAMB/HEAD SIM 3"



11 CHALKBOARD 3"



16 TYPICAL EXISTING CABINETS 3"



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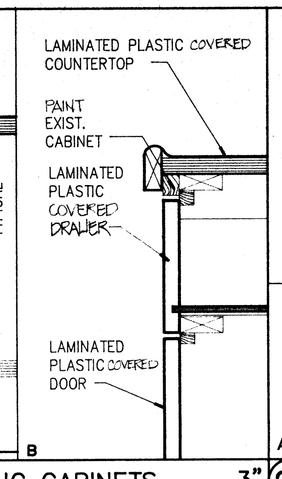
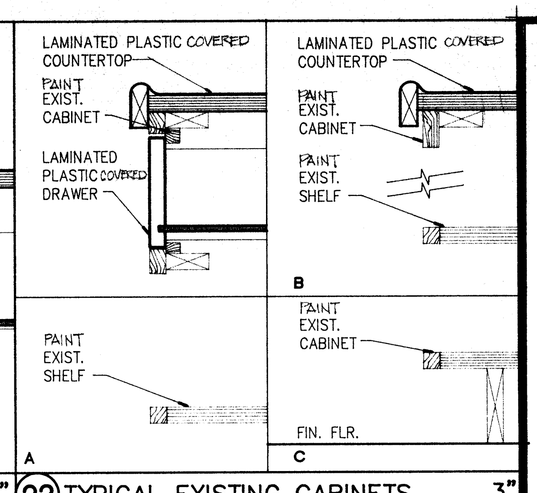
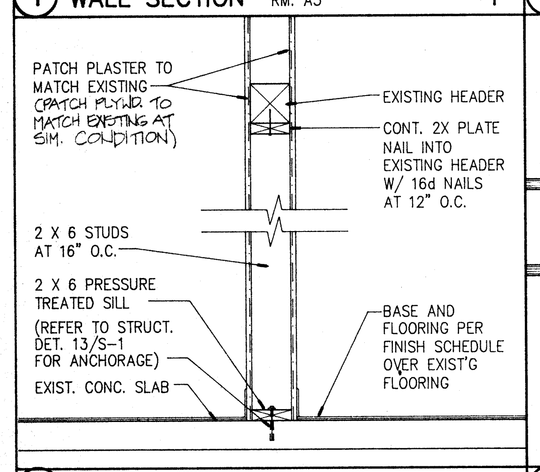
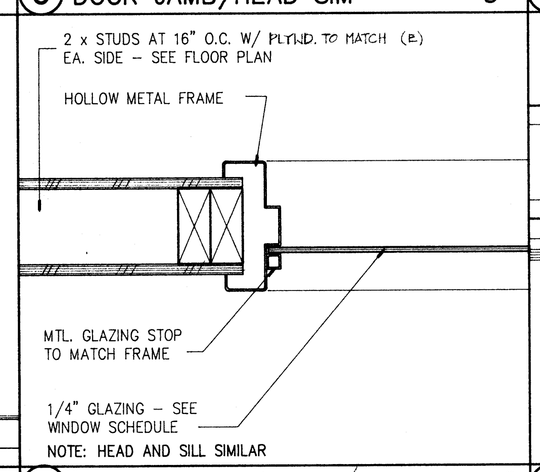




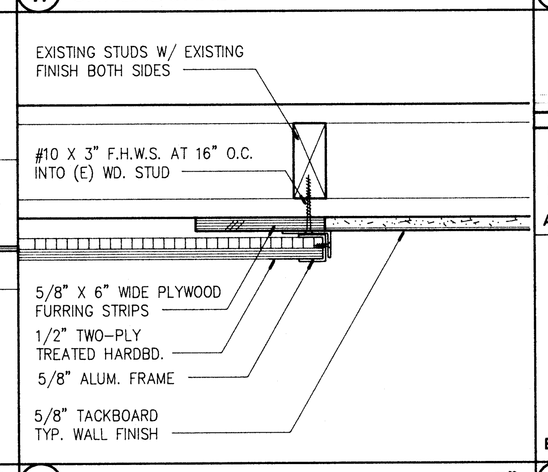
23 TYPICAL EXISTING CABINETS 3"



2 TYP. DOOR INFLL 1"



7 HOLLOW METAL JAMB/HEAD SILL SIM. 3"

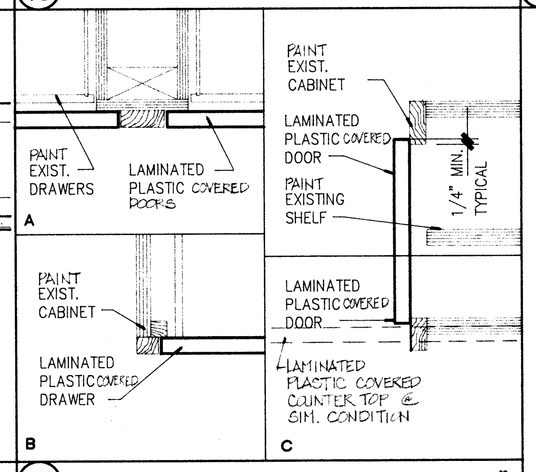


12 CHALKBOARD 3"

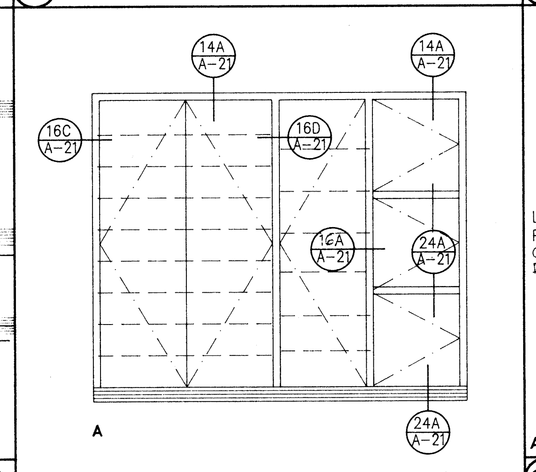
WALL	TYPE OF ANCHOR
PLASTER/ WD. STUDS	#8 X 2-3/4" AT 16" O.C.
CONC. OR CONC. BLOCK	#8 X 1-1/2" W/ LEAD EXPANSION SHEILD AT 16" O.C.
GYP. BD./ WD. STUDS	#8 X 2-1/2" AT 16" O.C.
FIN. WALL W/ RESILENT CLIPS	INCREASE LENGTH OF ABOVE BY 1"

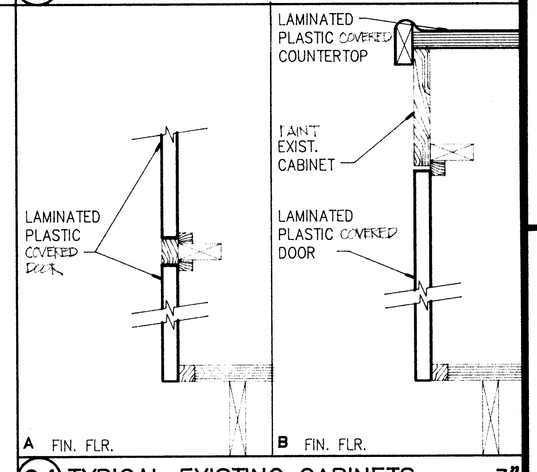
ALL SCREWS TO BE CHROME PLATED PHILLIPS OVAL HEAD UNLESS NOTED OTHERWISE

13 CHALKBD. SCREW SCHEDULE

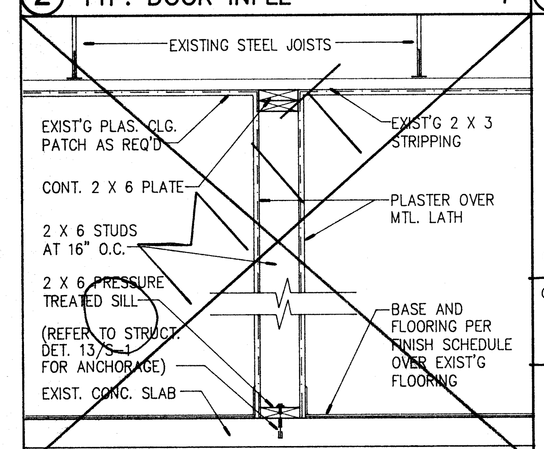


17 TYPICAL EXISTING CABINETS 3"

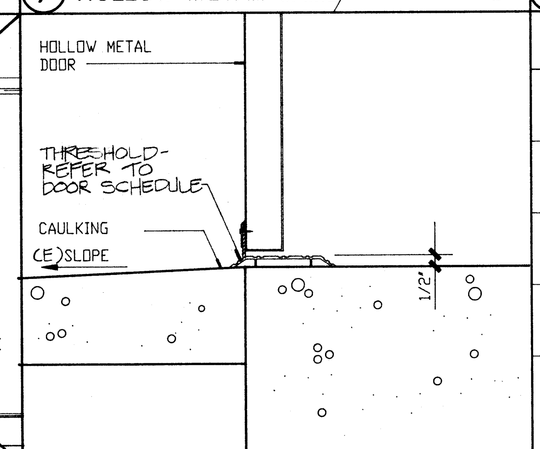




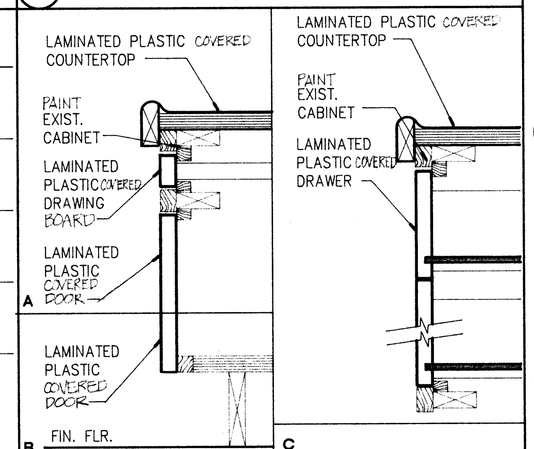
24 TYPICAL EXISTING CABINETS 3"



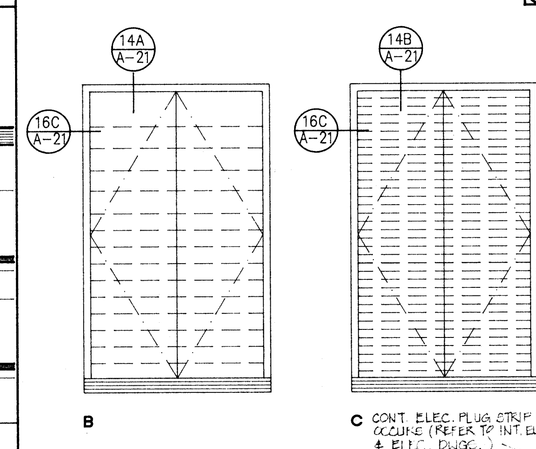
3 WALL SECTION RM. A8 1"

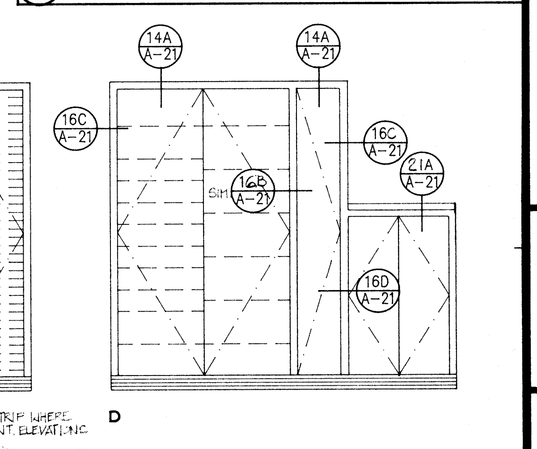


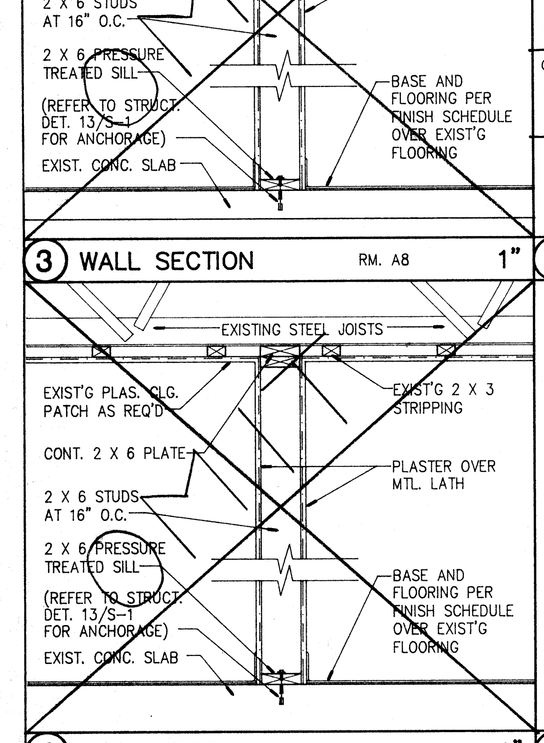
8 THRESHOLD 3"



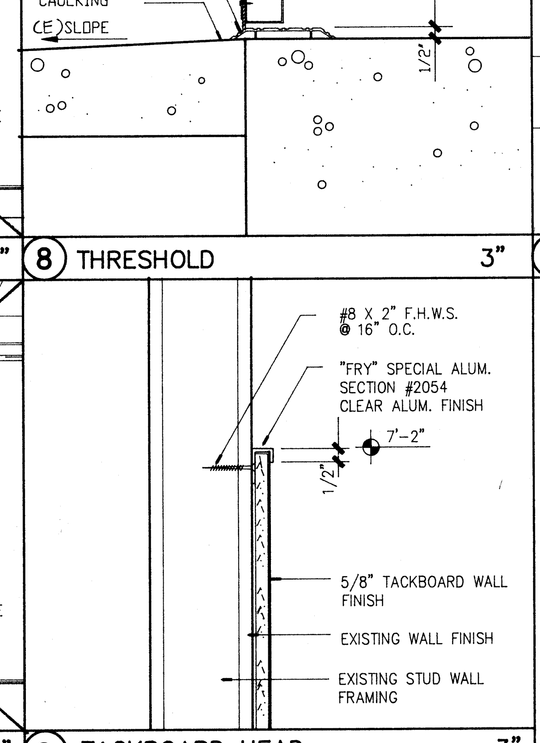
18 TYPICAL EXISTING CABINETS 3"



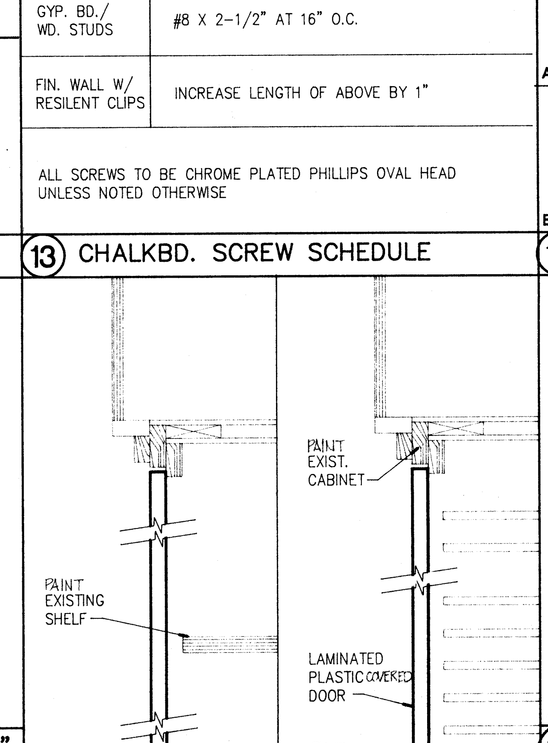




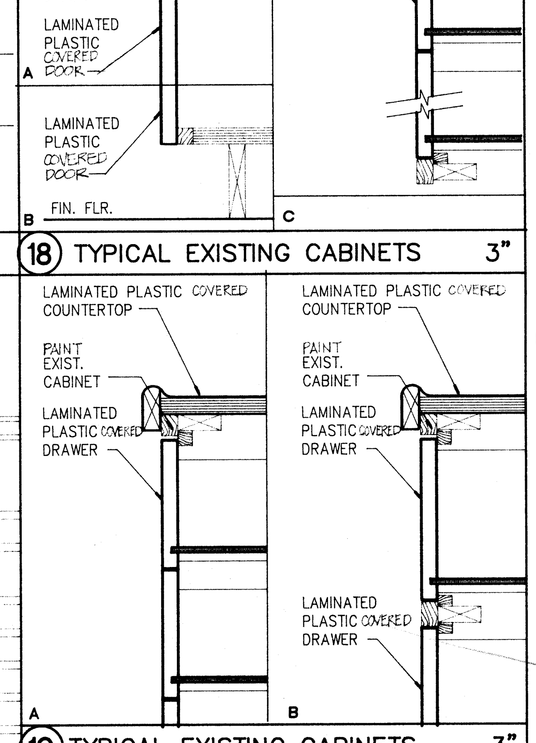
4 WALL SECTION RM. A8 1"



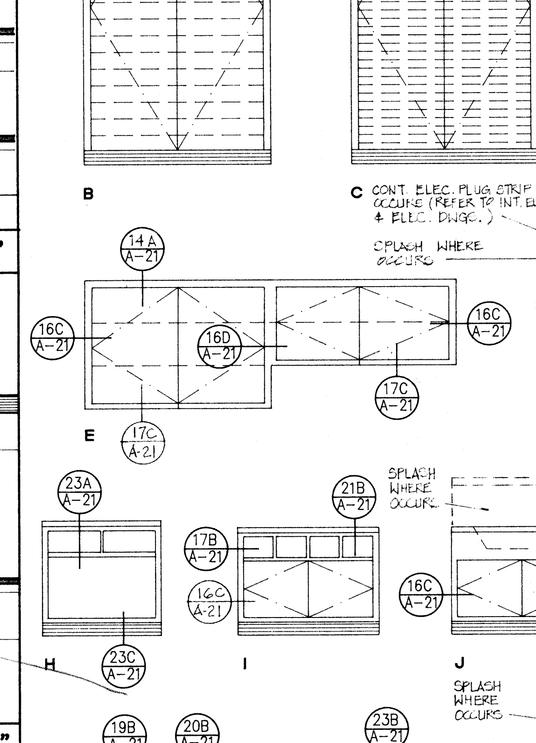
9 TACKBOARD HEAD 3"



14 TYPICAL EXISTING CABINETS 3"

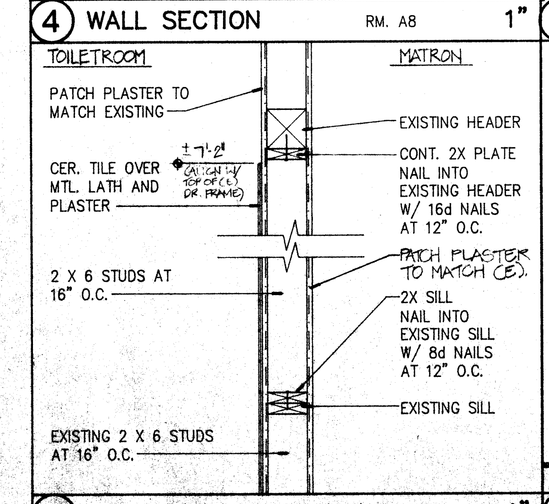


19 TYPICAL EXISTING CABINETS 3"

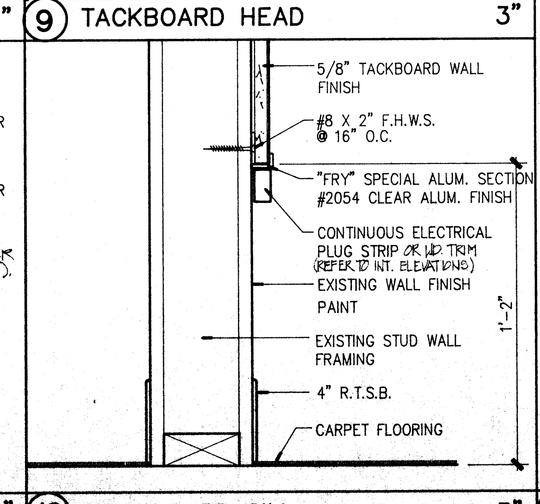


20 TYPICAL EXISTING CABINETS 3"

22 EXISTING CABINETS (TYP. ISOLATED CONDITIONS) 1/2"



5 WALL SECTION AT WINDOW INFILL 1"



10 TACKBOARD SILL 3"

RRA

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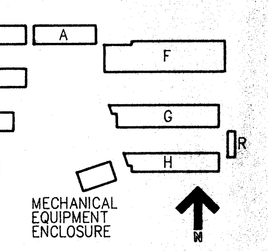
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS

SHEET TITLE

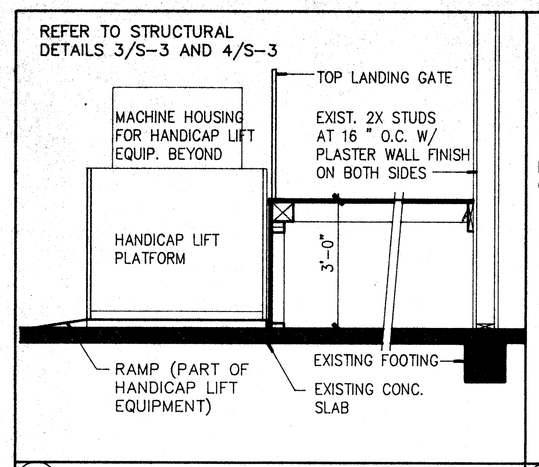
DETAILS

APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY RSS PROJECT NO. 86-216W

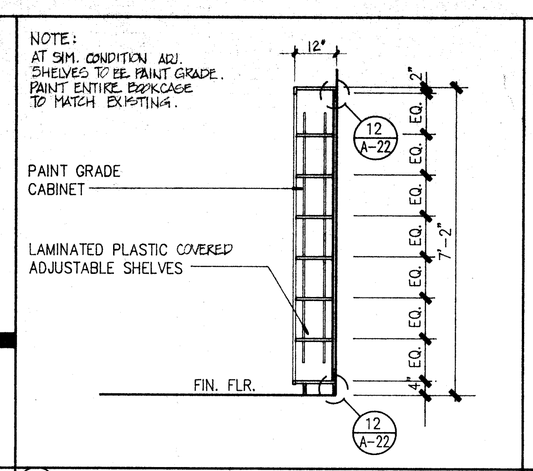
SHEET NUMBER 86216CA93A12

A-21

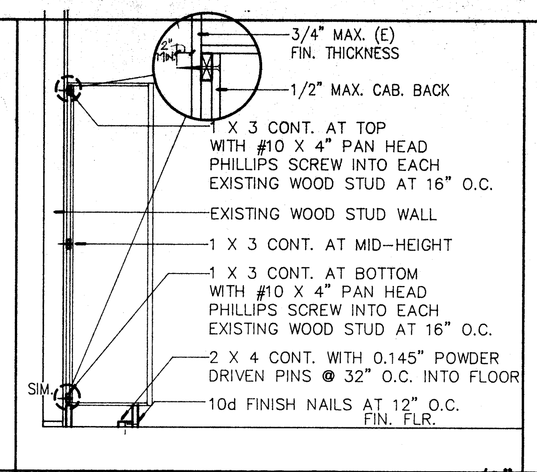
OF 23 SHEETS



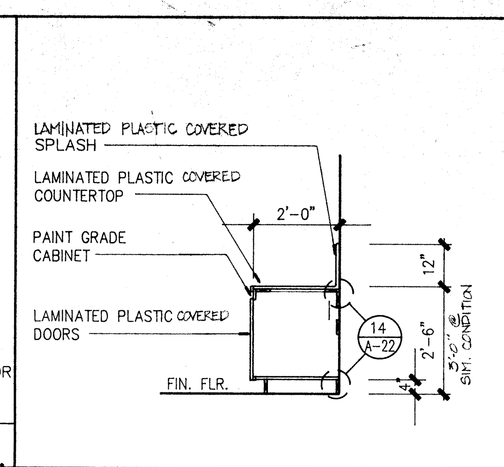
1 HANDICAP LIFT 1/2"



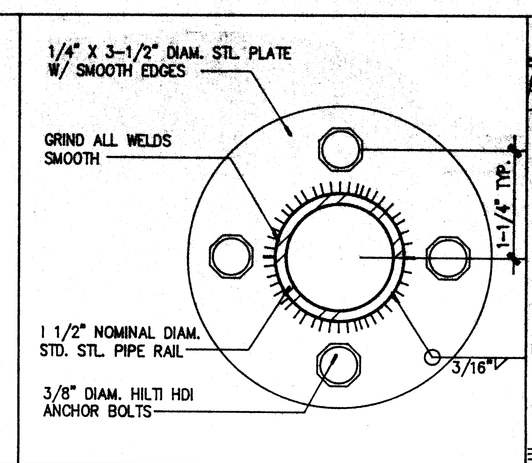
6 BOOKCASE 1/2"



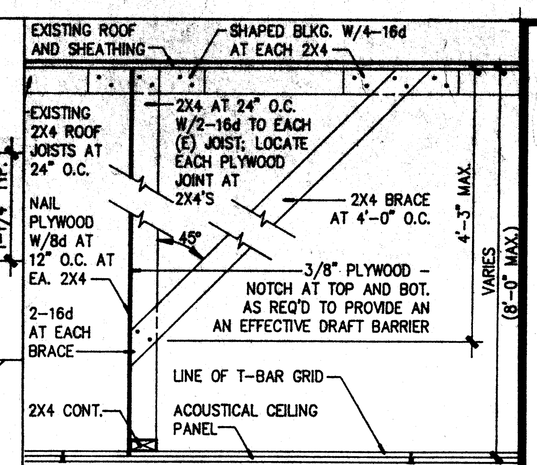
11 CABINET ANCHORAGE 1/2"



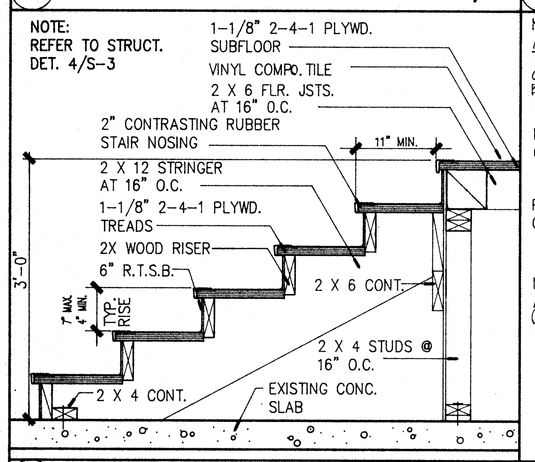
16 BASE CABINET 1/2"



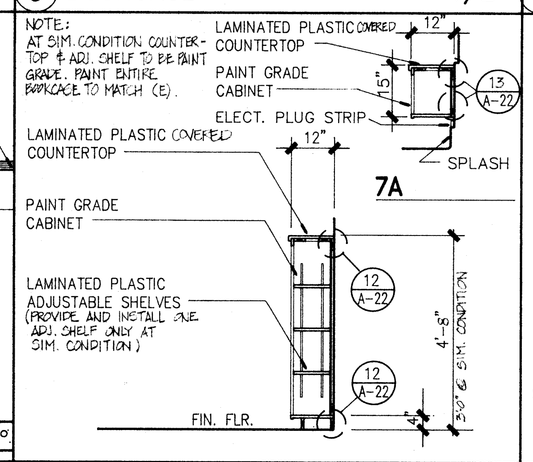
21 FLANGE INTO CONC. FULL



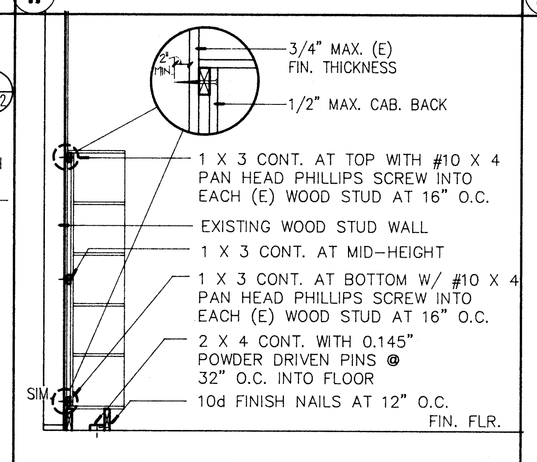
26 DRAFT STOP 1"



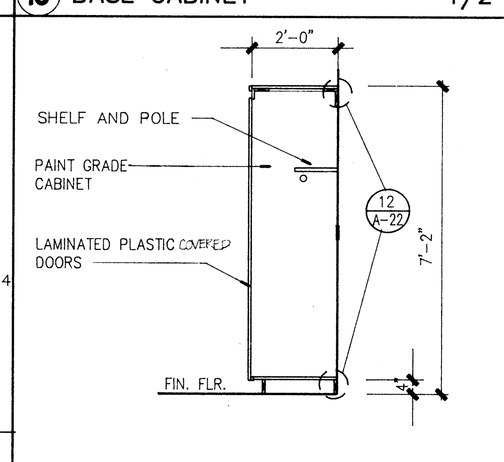
2 STAIRS 1"



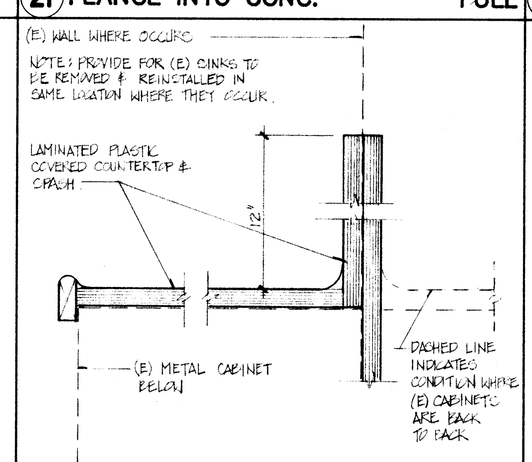
7 BOOKCASE 1/2"



12 CABINET ANCHORAGE 1/2"

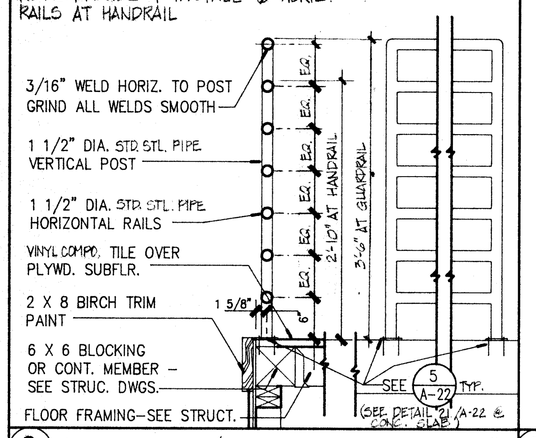


17 TALL STORAGE / WARDROBE 1/2"

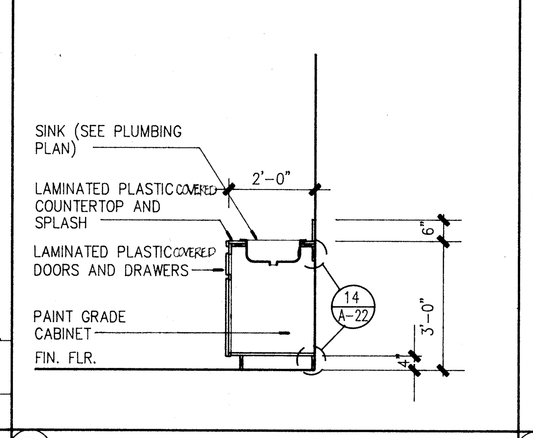


22 EXISTING METAL CABINETS 3"

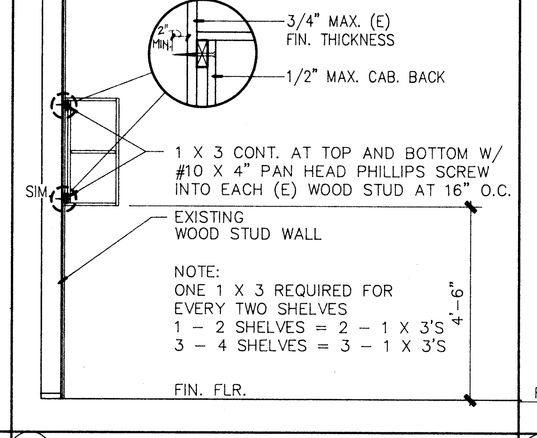
27



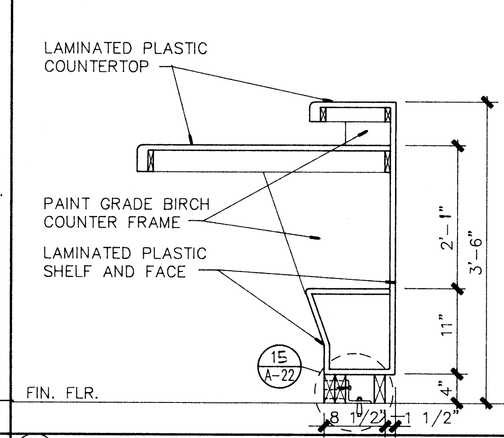
3 GUARDRAIL / HANDRAIL 1"



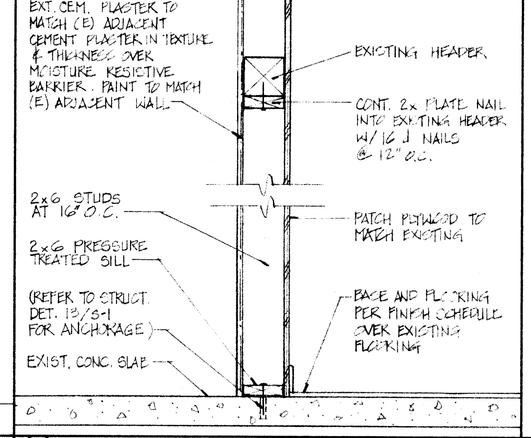
8 BASE CABINET W/ SINK 1/2"



13 CABINET ANCHORAGE 1/2"

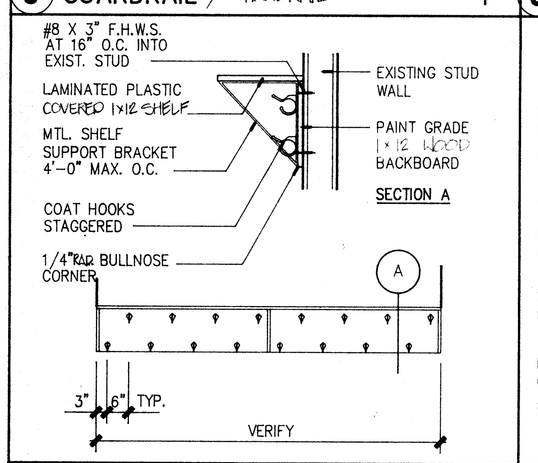


18 LIBRARIAN COUNTER 1"

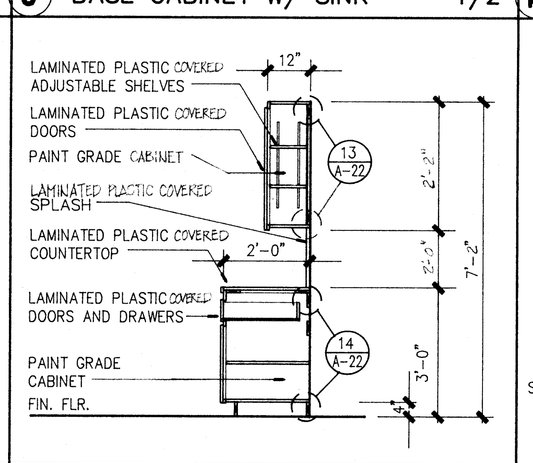


23 TYP. DOOR INFILL 1"

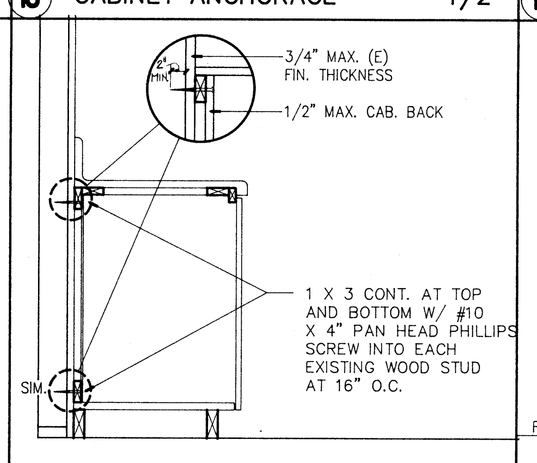
28



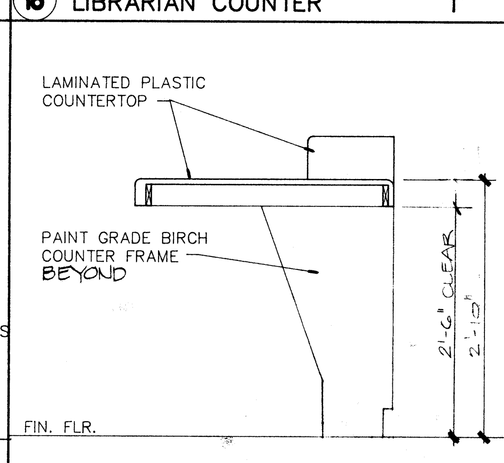
4 COAT HOOKS 1/2"



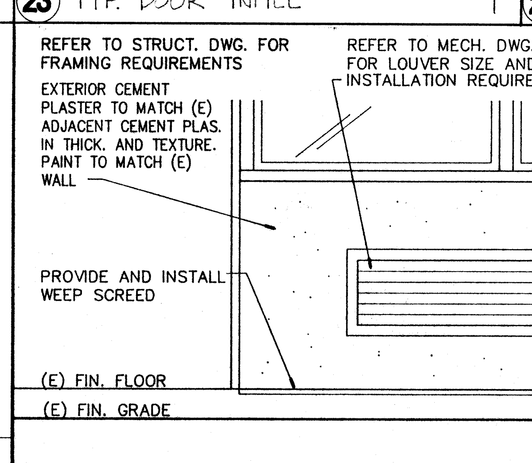
9 BASE/UPPER CABINET 1/2"



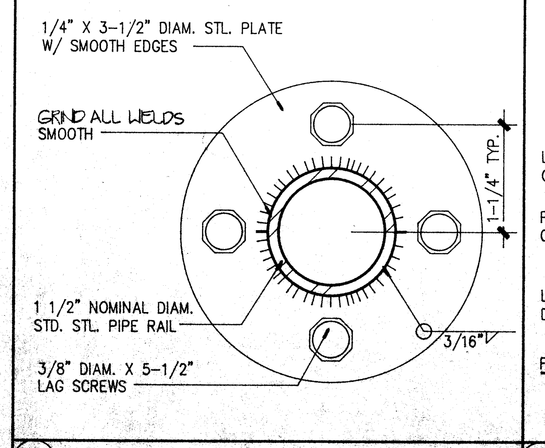
14 BASE CABINET ANCHORAGE 1"



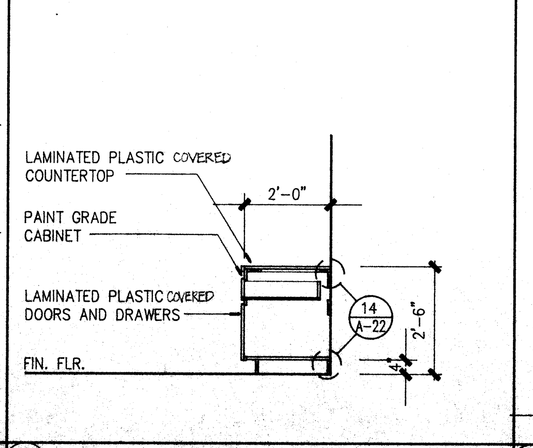
19 LIBRARIAN COUNTER 1"



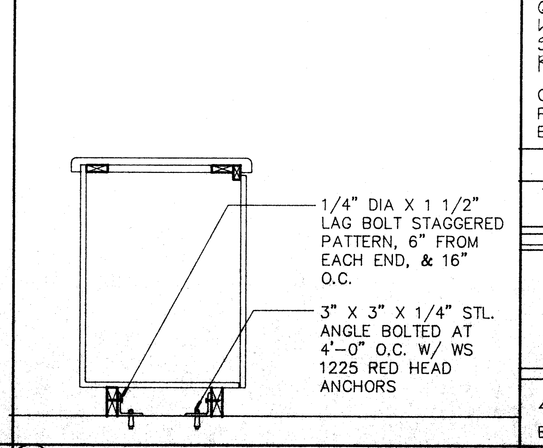
24 EXTERIOR PLASTERED PANEL @ LOUVERED VENT



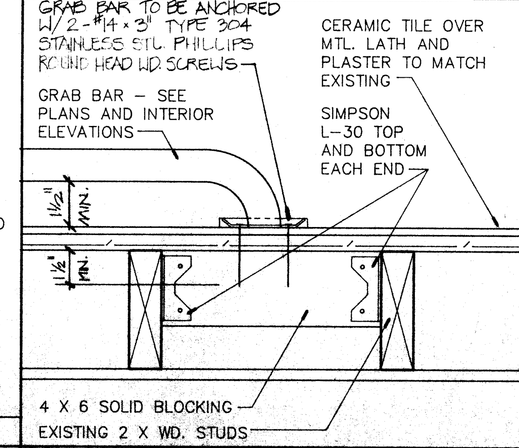
5 GUARDRAIL FLANGE FULL



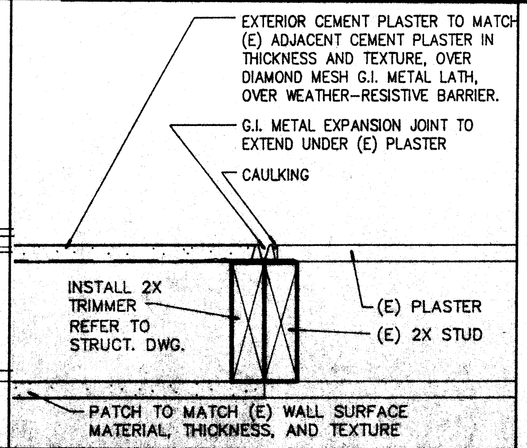
10 BASE CABINET 1/2"



15 ISLAND CABINET 1"



20 GRAB BAR CONNECTION 3"



25 CONTROL JOINT 3"

RRA
Architecture
Planning
Interior Design
Space Planning

Donald W. Renfro AIA C5283
Mark E. Russell AIA C13726
Carl G. Elliott AIA C7571
K. Bartram Huffman AIA C12061
Kenneth A. Kalla AIA C17760
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Larry G. Wiggins AIA C12514

Renfro-Russell & Associates, Inc.
4800 Stockdale Highway, Suite 304, Bakersfield, California 93309 (805) 327-7075

CONSULTANTS

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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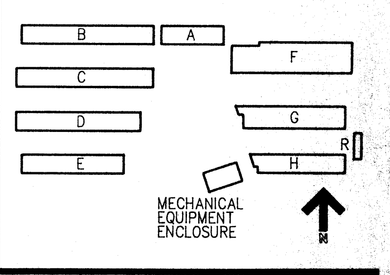
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE

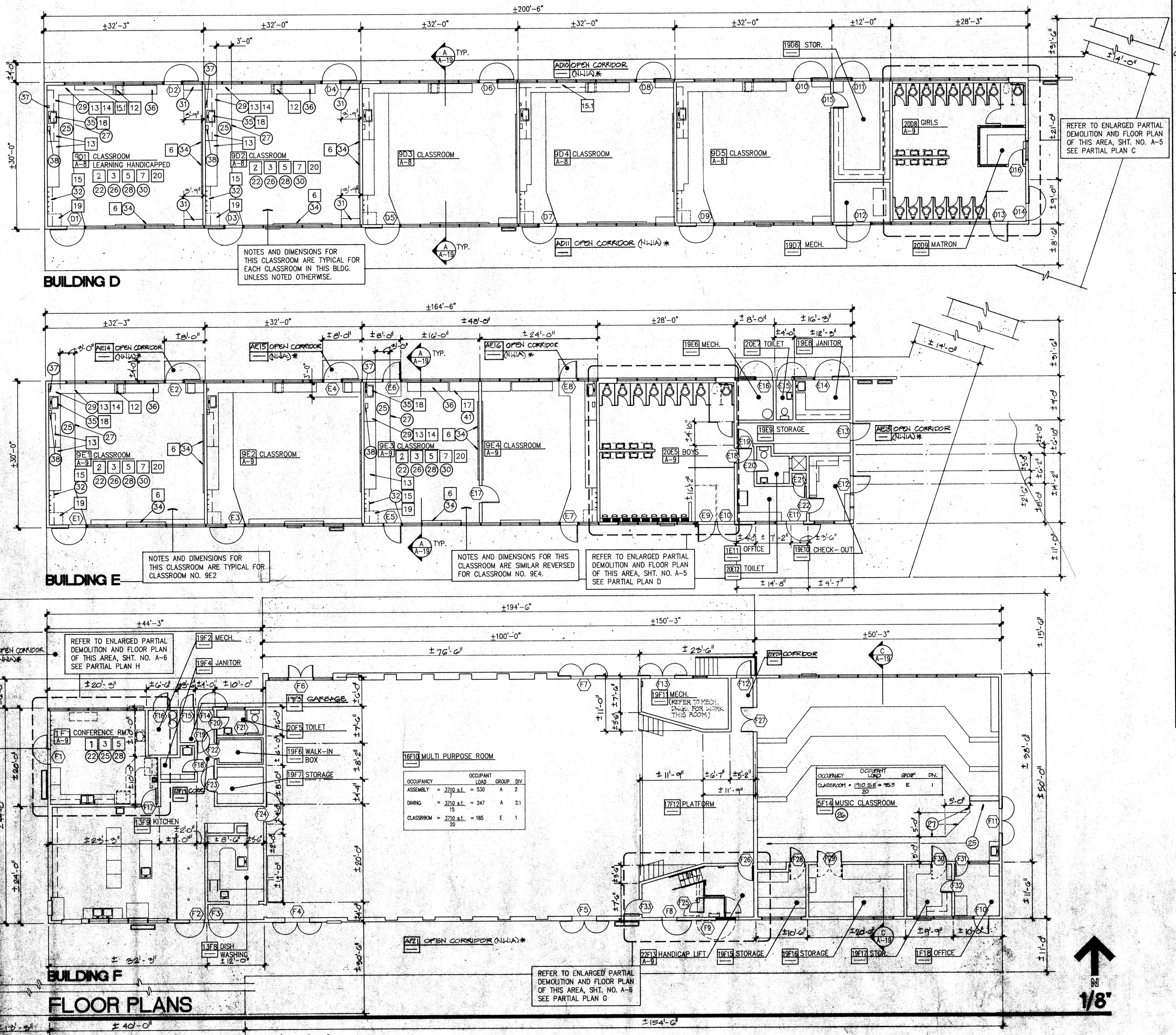
DETAILS

APPROVED/ARCHITECT
CHECKED TWP
DRAWN BY ES
DATE 8-1-89
PROJECT NO. 86-216W

SHEET NUMBER 86216CA93B12

A-22

OF 23 SHEETS



FLOOR PLANS

* REFER TO SITE PLAN SHT. A-1 FOR SCOPE OF WORK @ (6) EXTERIOR RAMPS

DEMOLITION PLAN NOTES

ALL NOTES IN THIS COLUMN ARE TO BE USED FOR DRAWINGS ON THIS SHEET ONLY. NOTES LISTED IN THIS COLUMN WHICH ARE NOT INDICATED ON THE DRAWING SHALL BE DISREGARDED.

1. REMOVE EXISTING FINISH FLOOR MATERIAL.
2. [redacted]
3. REMOVE EXISTING FLOOR BASE.
4. REMOVE EXISTING CERAMIC TILE FLOORING.
5. REMOVE EXISTING TRIM PIECES, MOULDINGS, AND OTHER SMALL ITEMS IN THIS ROOM THAT WILL INTERFERE WITH THE INSTALLATION OF WALL FINISHES.
6. REMOVE EXISTING CHALKBOARDS.
7. REMOVE EXISTING TACK BOARDS.
8. REMOVE EXISTING WALL.
9. REMOVE EXISTING DOOR, HARDWARE AND FRAME.
10. REMOVE EXISTING DOOR AND HARDWARE.
11. REMOVE PORTION OF EXISTING WALL FOR WINDOW (REFER TO INTERIOR ELEVATION).
12. REMOVE PORTION OF EXISTING CABINET.
13. REMOVE EXISTING CABINET HARDWARE AND DOORS.
14. REMOVE EXISTING COUNTERTOPS AND SPLASHES.
15. REMOVE EXISTING SHELF, COAT HOOKS, AND SUPPORTING BRACKETS.
15.1 REMOVE EXISTING SHELF AND SUPPORTING BRACKET
16. REMOVE EXISTING BOOKCASE.
17. REMOVE EXISTING CABINET.
18. REMOVE EXISTING SINK (REFER TO PLUMBING PLANS
19. REMOVE EXISTING UNIT HEATER (REFER TO MECHANICAL PLANS).
20. REMOVE EXISTING PAPER TOWEL DISPENSERS, SOAP DISPENSERS AND MIRRORS WHERE THEY OCCUR.
21. REMOVE EXISTING PAPER ROLL DISPENSER BRACKET AND REINSTALL IN SAME LOCATION AFTER COUNTERTOP AND SPLASH ARE INSTALLED.

FLOOR PLAN NOTES

ALL NOTES IN THIS COLUMN ARE TO BE USED FOR DRAWINGS ON THIS SHEET ONLY. NOTES LISTED IN THIS COLUMN WHICH ARE NOT INDICATED ON THE DRAWING SHALL BE DISREGARDED.

22. PREPARE SUBFLOOR SURFACE TO ACCEPT FLOORING MATERIAL
23.
24. PATCH FLOOR WITH MATERIAL AND COLOR TO MATCH EXISTING.
25. PROVIDE AND INSTALL VINYL COMPOSITION TILE.
26. PROVIDE AND INSTALL CARPET.
27. PROVIDE AND INSTALL CARPET EDGE STRIP.
28. REPAIR, PATCH AND PREPARE WALL SURFACE TO ACCEPT FINISH WALL MATERIAL.
29. PROVIDE AND INSTALL LAM. PLAS. COVERED COUNTERTOPS AND SPLASHES (WHERE THEY OCCUR - REFER TO INT. ELEVATIONS).
30. ALL CABINETRY IN THIS ROOM IS EXISTING TO BE REPAIRED AND REFINISHED UNLESS NOTED OTHERWISE (REFER TO INTERIOR ELEVATIONS).
31. PROVIDE AND INSTALL LAMINATED PLASTIC COVERED BOOKCASE AND ADJUSTABLE SHELVES.
32. PROVIDE AND INSTALL SHELF, COAT HOOKS, AND SUPPORTING BRACKETS.
33. PROVIDE AND INSTALL UPPER BOOKCASE.
34. PROVIDE AND INSTALL CHALKBOARD (REFER TO INTERIOR ELEVATIONS).
35. PROVIDE AND INSTALL SINK (REFER TO PLUMBING PLANS).
36. PROVIDE AND INSTALL UNIT VENTILATOR (REFER TO MECHANICAL PLANS).
37. PROVIDE AND INSTALL SOAP DISPENSER.
38. PROVIDE AND INSTALL PAPER TOWEL DISPENSER.
39. PROVIDE AND INSTALL MIRROR.
40. REFRIGERATOR SPACE
41. PROVIDE AND INSTALL BASE CABINET

WALL LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- EXISTING WALL WITH WINDOWS TO REMAIN
- CONSTRUCT STUD WALL
- CONSTRUCT STUD WALL (PARTIAL HEIGHT)

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
51547 AUG 01 '89
Accessibility Plan Review Date

DEPARTMENT OF EDUCATION
Department of Finance
Office of the
DEC 13 1989
Structural Safety Section
#A51547 N/P/LA

AUG 1989
STATE OF CALIFORNIA
SOUTHERN DIVISION

RRA
Architecture
Planning
Interior Design
Space Planning

Donald W. Renfro AIA C5283
Mark E. Russell AIA C13726
Carl G. Elliott AIA C7571
K. Bartram Huffman AIA C12061
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CONSULTANTS

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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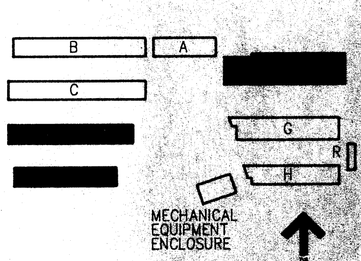
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS
8-8-89	1 O.L.A. PLAN. REQUEST
	2
	3
	4

SHEET TITLE

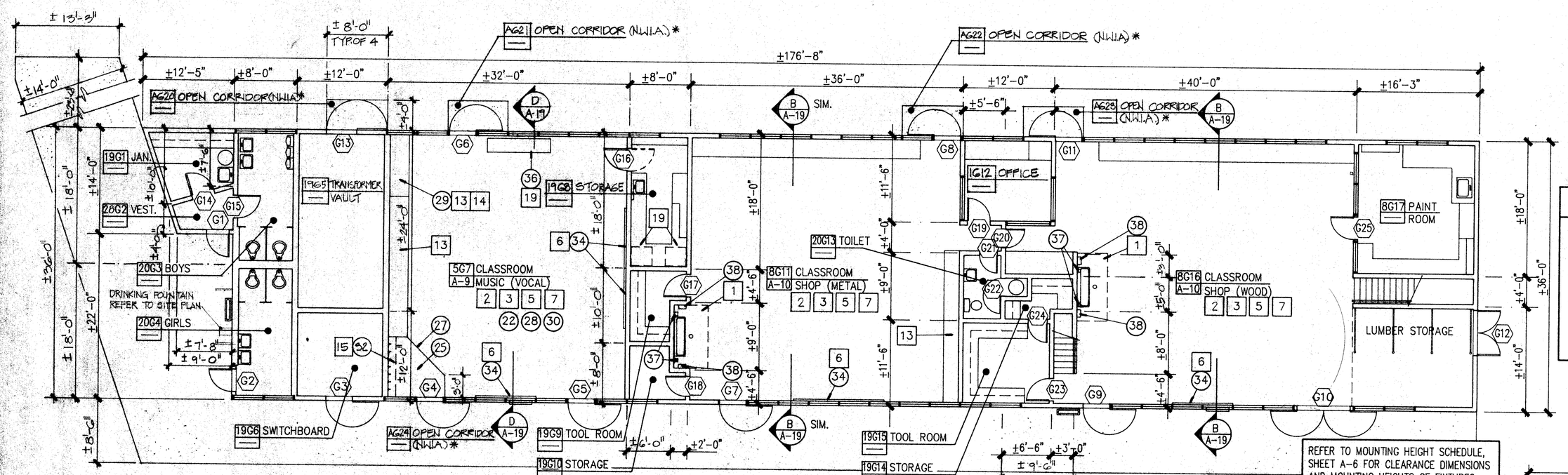
FLOOR PLANS
BUILDINGS D, E, F

APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY ES PROJECT NO. 86-216W

SHEET NUMBER 86216CA23896

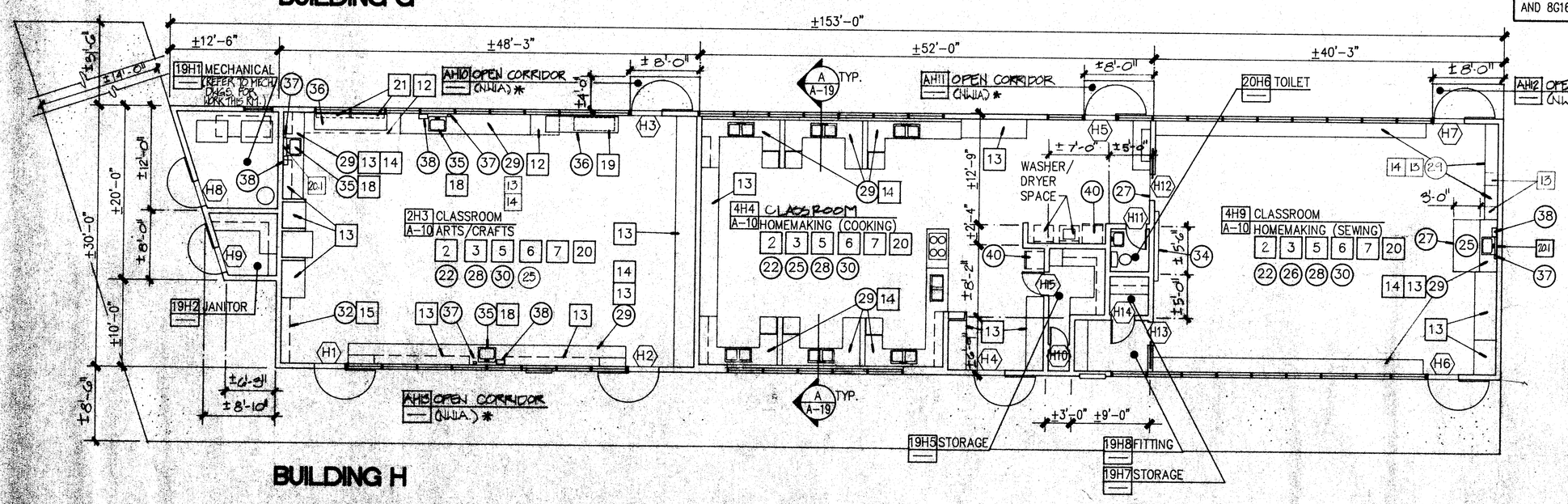
A-3

OF 23 SHEETS

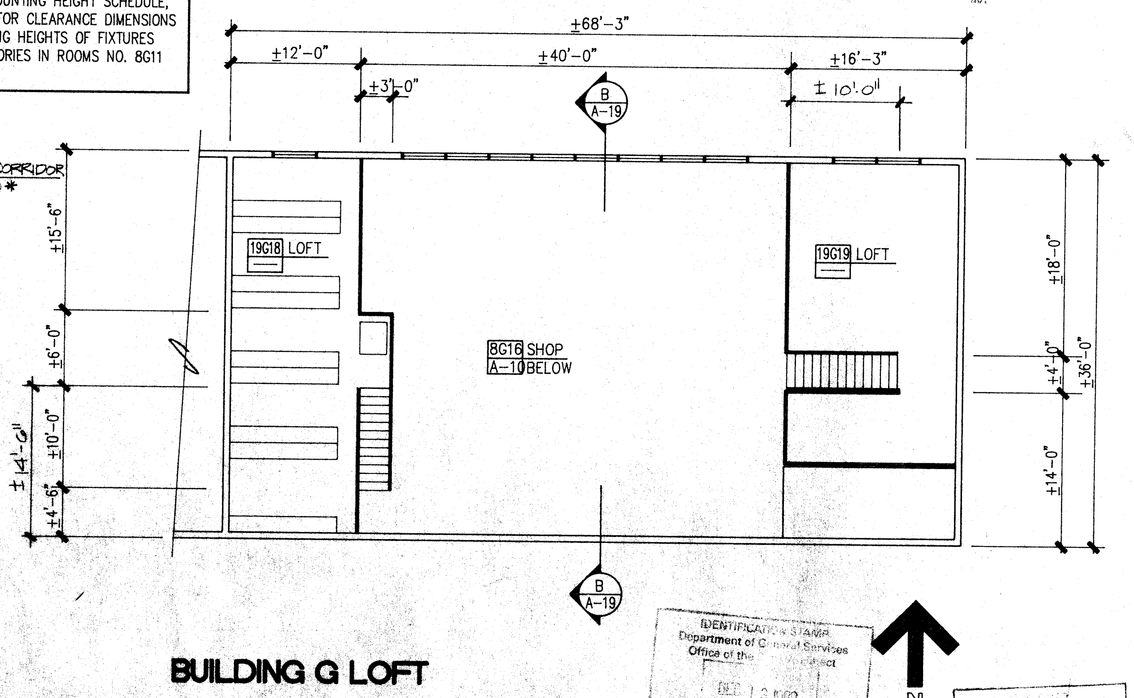


BUILDING G

REFER TO MOUNTING HEIGHT SCHEDULE, SHEET A-6 FOR CLEARANCE DIMENSIONS AND MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES IN ROOMS NO. 8G11 AND 8G16



BUILDING H



BUILDING G LOFT

FLOOR PLANS

* REFER TO SITE PLAN SHT. A-1 FOR SCOPE OF WORK AT EXTERIOR EXISTING RAMPS.

WALL LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- EXISTING WALL WITH WINDOWS TO REMAIN
- CONSTRUCT STUD WALL
- CONSTRUCT STUD WALL (PARTIAL HEIGHT)

DEMOLITION PLAN NOTES

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1. REMOVE EXISTING FINISH FLOOR MATERIAL.
2. REMOVE (6) WALL-MOUNTED CLOCKS, PLAS. HOUSEKEEPING CHALKBOARD, TACKBOARD SCREEN, SPEAKERS, & OTHER WALL-MOUNTED EQUIPMENT AND ALL ATTACHMENTS WITH THE EXCEPTION OF WALL BRACES, CLIP ANGLES, REINFORCING & LOCATE (2) WALL-MOUNTED EQUIPMENT FOR OWNER'S INSPECTION.
3. REMOVE EXISTING FLOOR BASE.
4. REMOVE EXISTING CERAMIC TILE FLOORING.
5. REMOVE EXISTING TRIM PIECES, MOULDINGS AND OTHER SIM. ITEMS IN THIS ROOM THAT WILL INTERFERE WITH THE INSTALLATION OF WALL FINISHES.
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7. REMOVE EXISTING TACK BOARDS.
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10. REMOVE EXISTING DOOR AND HARDWARE.
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20-1 REMOVED DISPENSER REINSTALL IN SAME LOCATION AFTER COUNTERTOP & SPLASH ARE INSTALLED
21. REMOVE EXISTING PAPER ROLL DISPENSER BRACKETS AND REINSTALL IN SAME LOCATION AFTER COUNTERTOP AND SPLASH ARE INSTALLED.

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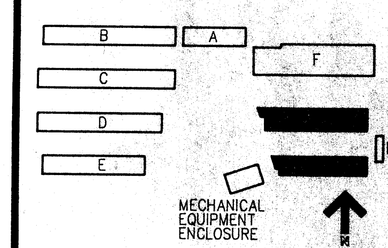
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS
8-8-89	2 L.A. DMH. REQUEST

SHEET TITLE

FLOOR PLANS
BUILDINGS G, H

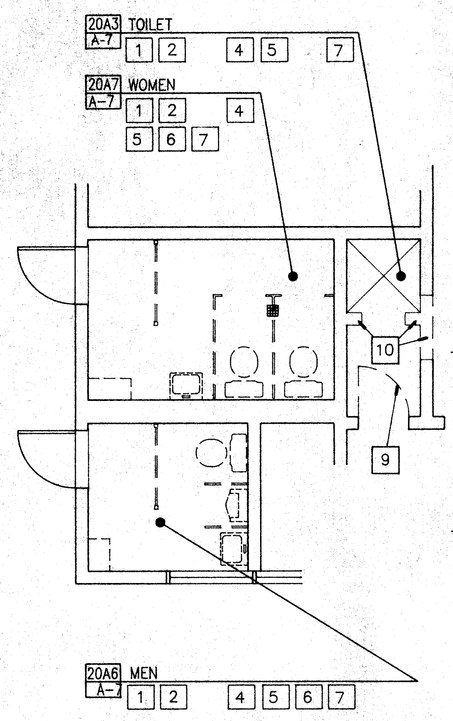
APPROVED/ARCHITECT
CHECKED TWP
DRAWN BY ES
DATE 5-1-89
PROJECT NO. 86-216W

SHEET NUMBER 86216CA23C96

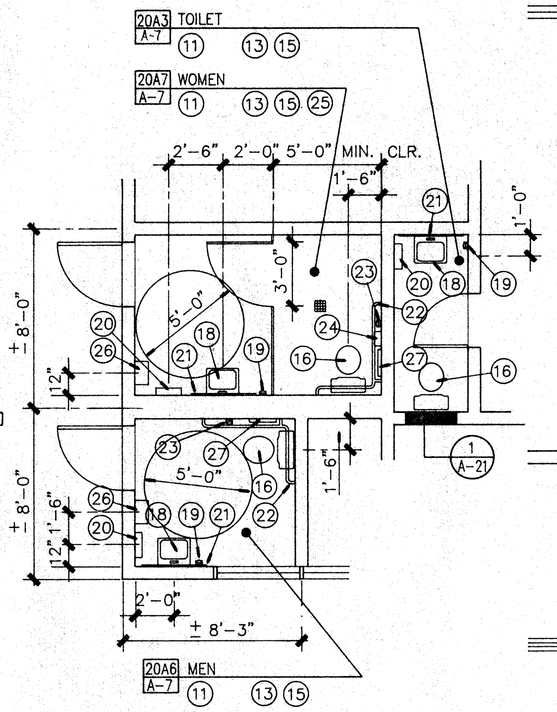
A-4

OF 23 SHEETS

1/8"



DEMOLITION PLAN

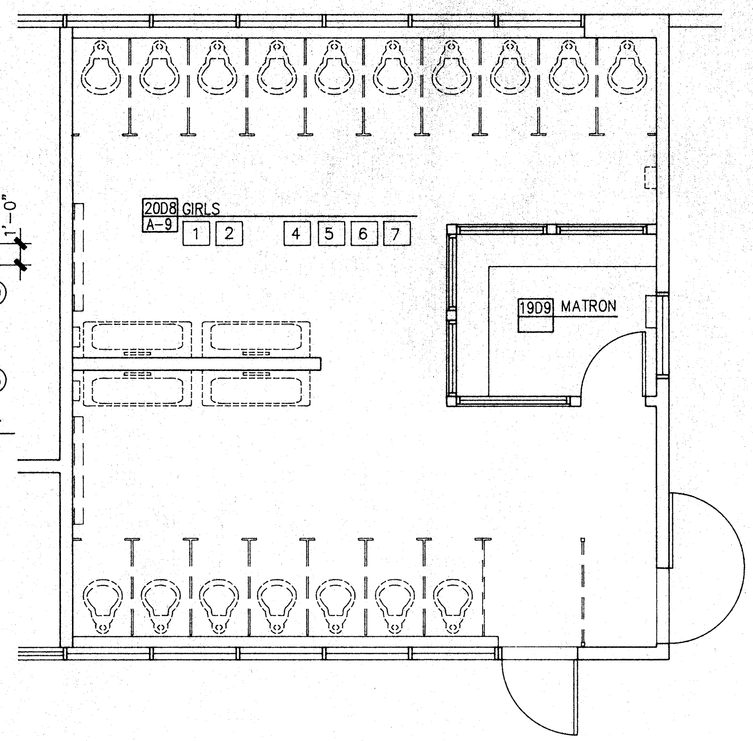


FLOOR PLAN

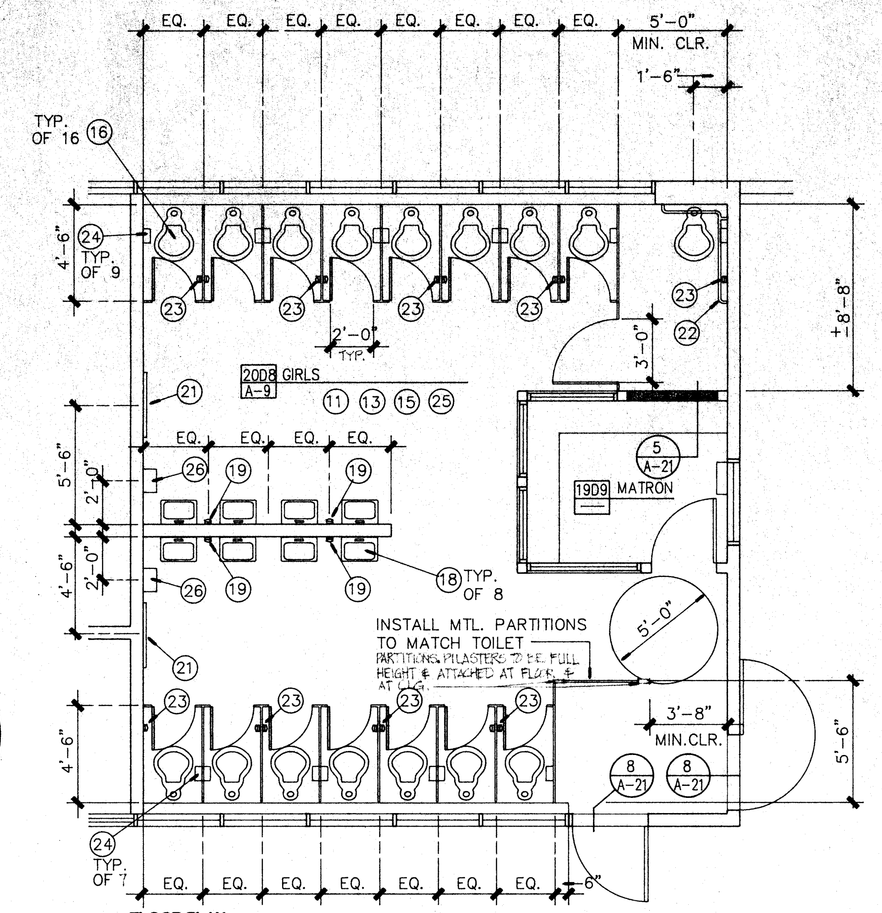
REFER TO MOUNTING HEIGHT SCHED., SHEET A-6, FOR CLEARANCE DIMENSIONS AND MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.

PARTIAL PLAN A

BUILDING A



DEMOLITION PLAN

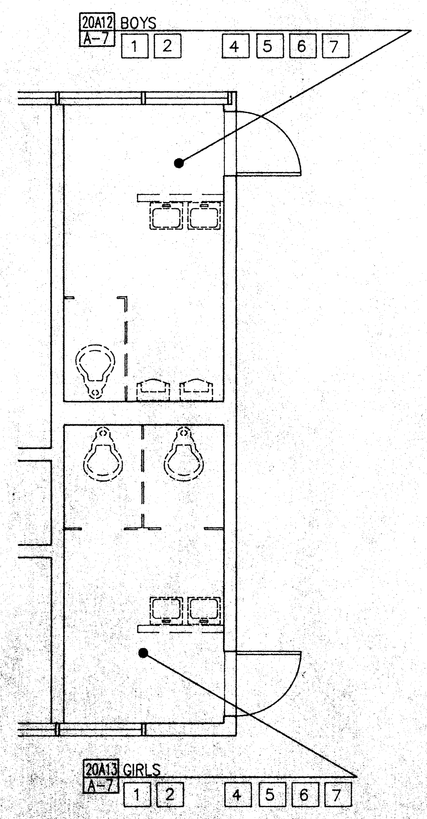


FLOOR PLAN

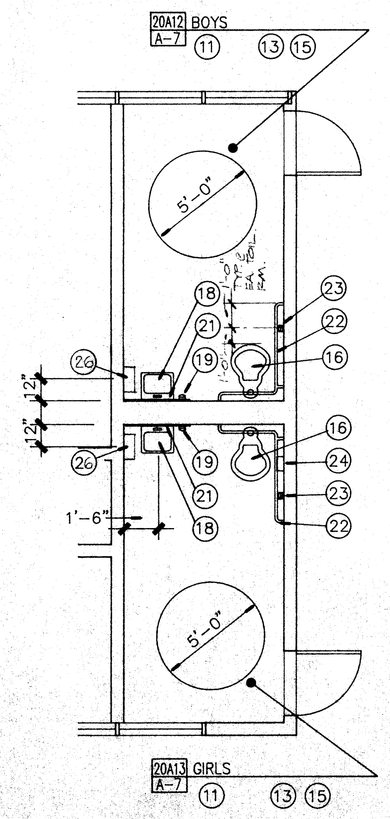
REFER TO MOUNTING HEIGHT SCHED., SHEET A-6, FOR CLEARANCE DIMENSIONS AND MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.

PARTIAL PLAN C

BUILDING D



DEMOLITION PLAN

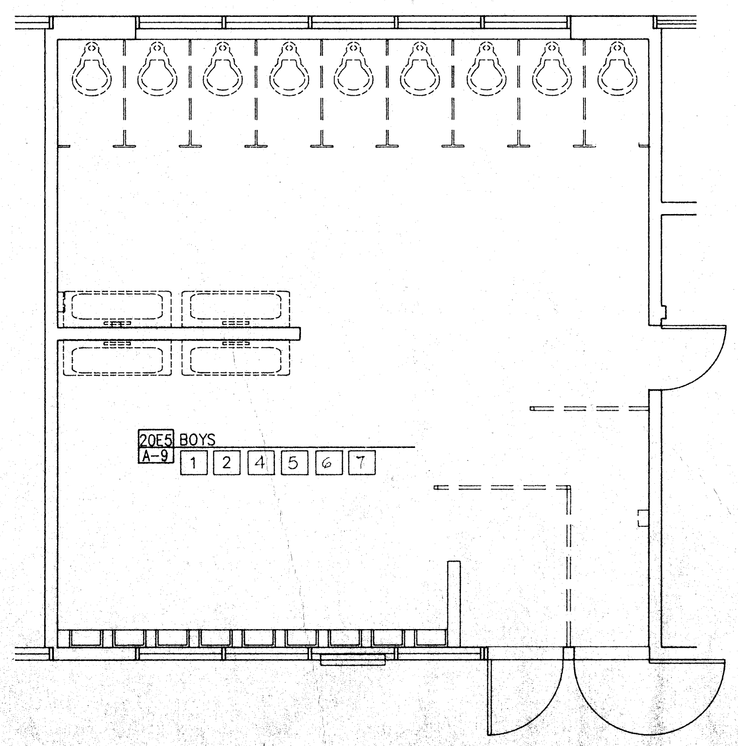


FLOOR PLAN

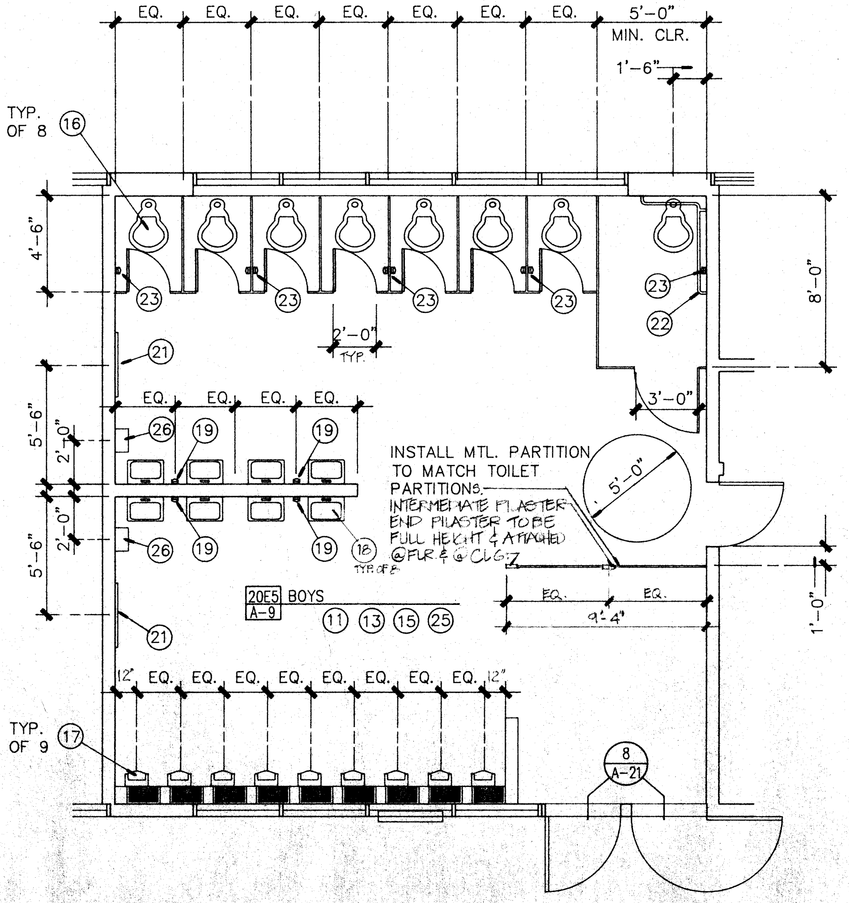
REFER TO MOUNTING HEIGHT SCHED., SHEET A-6, FOR CLEARANCE DIMENSIONS AND MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.

PARTIAL PLAN B

BUILDING A



DEMOLITION PLAN



FLOOR PLAN

REFER TO MOUNTING HEIGHT SCHED., SHEET A-6, FOR CLEARANCE DIMENSIONS AND MOUNTING HEIGHTS OF FIXTURES AND ACCESSORIES.

PARTIAL PLAN D

BUILDING E

ENLARGED FLOOR PLANS

1/4"

DEMOLITION PLAN NOTES

ALL NOTES IN THIS COLUMN ARE TO BE USED FOR DRAWINGS ON THIS SHEET ONLY. NOTES LISTED IN THIS COLUMN WHICH ARE NOT INDICATED ON THE DRAWING SHALL BE DISREGARDED.

1. REMOVE EXISTING PLUMBING FIXTURES INCLUDING TOILETS, URINALS, & LAVATORIES. (REINSTALL PLUMBING FIXTURES AS DIRECTED ON PLUMBING PLANS, STOCKPILE IN DESIGNATED AREAS THOSE FIXTURES NOT TO BE REINSTALLED FOR REVIEW BY OWNER FOR SALVAGE).
2. REMOVE EXISTING CERAMIC TILE FLOORING & FLOOR BASE.
3.
4. REMOVE EXISTING WOOD TRIM, MOULDINGS & OTHER SIM. ITEMS IN THIS ROOM THAT WILL INTERFERE WITH THE INSTALLATION OF WALL FINISHES.
5. REMOVE EXISTING CERAMIC TILE WAINSCOT.
6. REMOVE EXISTING TOILET PARTITIONS.
7. REMOVE EXISTING TOILET ROOM ACCESSORIES INCLUDING, BUT NOT NECESSARILY LIMITED TO, SOAP DISPENSERS, PAPER TOWEL DISPENSERS, MIRRORS, TOILET PAPER HOLDERS. VERIFY WITH ARCHITECT FOR ANY OTHER ENCOUNTERED ACCESSORIES. (STOCK FILE IN DESIGNATED AREA FOR REVIEW BY OWNER FOR SALVAGE.)
8. REMOVE EXISTING STAIRS, RAILINGS AND RAISED PLATFORM STRUCTURE.
9. REMOVE EXISTING DOOR AND FRAME.
10. REMOVE EXISTING WALL.

FLOOR PLAN NOTES

ALL NOTES IN THIS COLUMN ARE TO BE USED FOR DRAWINGS ON THIS SHEET ONLY. NOTES LISTED IN THIS COLUMN WHICH ARE NOT INDICATED ON THE DRAWING SHALL BE DISREGARDED.

11. PREPARE (E) FLOOR SURFACE TO ACCEPT FLOORING MATERIAL. (REFER TO RM. FIN. SCHEDULE)
12.
13. PROVIDE AND INSTALL CERAMIC TILE FLOOR.
14. PROVIDE AND INSTALL VINYL COMPOSITION TILE FLOOR.
15. REPAIR, PATCH AND PREPARE WALL SURFACE TO ACCEPT FINISH WALL MATERIAL. (REFER TO RM. FIN. SCHEDULE)
16. PROVIDE AND INSTALL TOILET (REFER TO PLUMBING PLANS FOR REUSE OF SOME EXISTING FIXTURES).
17. PROVIDE AND INSTALL URINAL (REFER TO PLUMBING PLANS).
18. PROVIDE AND INSTALL LAVATORY (REFER TO PLUMBING PLANS).
19. PROVIDE AND INSTALL SOAP DISPENSER.
20. PROVIDE AND INSTALL PAPER TOWEL DISPENSER.
21. PROVIDE AND INSTALL 36"X36" MIRROR.
22. PROVIDE AND INSTALL GRAB BAR.
23. PROVIDE AND INSTALL TOILET PAPER DISPENSER.
24. PROVIDE AND INSTALL NAPKIN DISPOSAL.
25. PROVIDE AND INSTALL TOILET PARTITIONS.
26. PROVIDE AND INSTALL ELECTRIC HAND DRYERS.
27. PROVIDE AND INSTALL TOILET SEAT COVER DISPENSER.
28. PROVIDE AND INSTALL GUARDRAIL.
29. PROVIDE AND INSTALL HANDRAIL.

WALL LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- EXISTING WALL WITH WINDOWS TO REMAIN
- CONSTRUCT STUD WALL
- CONSTRUCT STUD WALL (PARTIAL HEIGHT)

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
51547 AUG 01 '89
APPLICATION FEE $: 300.00
NO.

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
Structural Safety Section
Appl. # A5 1547 Checked by NOLA

RRA
Architecture
Planning
Interior Design
Space Planning

Donald W. Renfro AIA	C5283
Mark E. Russell AIA	C13726
Carl G. Elliott AIA	C7571
K. Bartram Huffman AIA	C12061
Kenneth A. Kalla AIA	C17760
Jeffrey P. Krausse AIA	C16834
Tommy W. Preston AIA	C12283
Larry G. Wiggins AIA	C12514

Renfro-Russell & Associates, Inc.
4800 Stockdale Highway, Suite 304, Bakersfield, California 93309 (805) 327-7075

CONSULTANTS

PROJECT

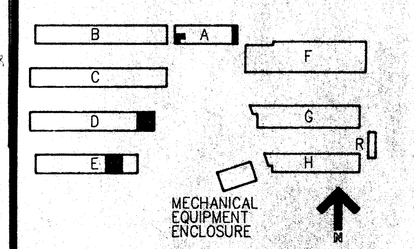
BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

THE ABOVE DRAWINGS AND SPECIFICATIONS AND IDEAS, DESIGNS AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VISUAL CONTACT WITH THESE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSION. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS
8-16-89	1 A.L.A. DIMN. REQUEST
	2
	3
	4

SHEET TITLE

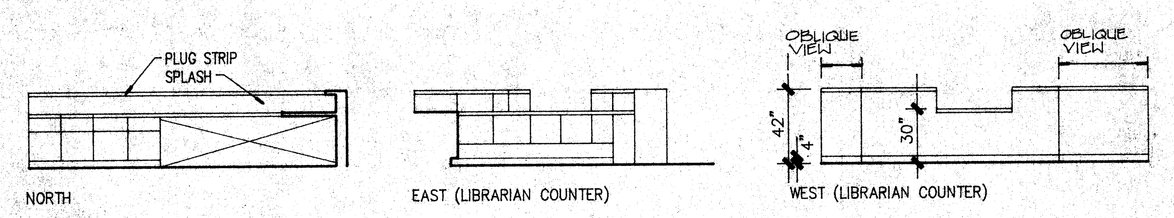
ENLARGED PARTIAL FLOOR PLANS

APPROVED/ARCHITECT TWP
CHECKED
DRAWN BY ES
DATE 8-1-89
PROJECT NO. 86-216W

SHEET NUMBER 86216CA23D4

A-5

OF 23 SHEETS



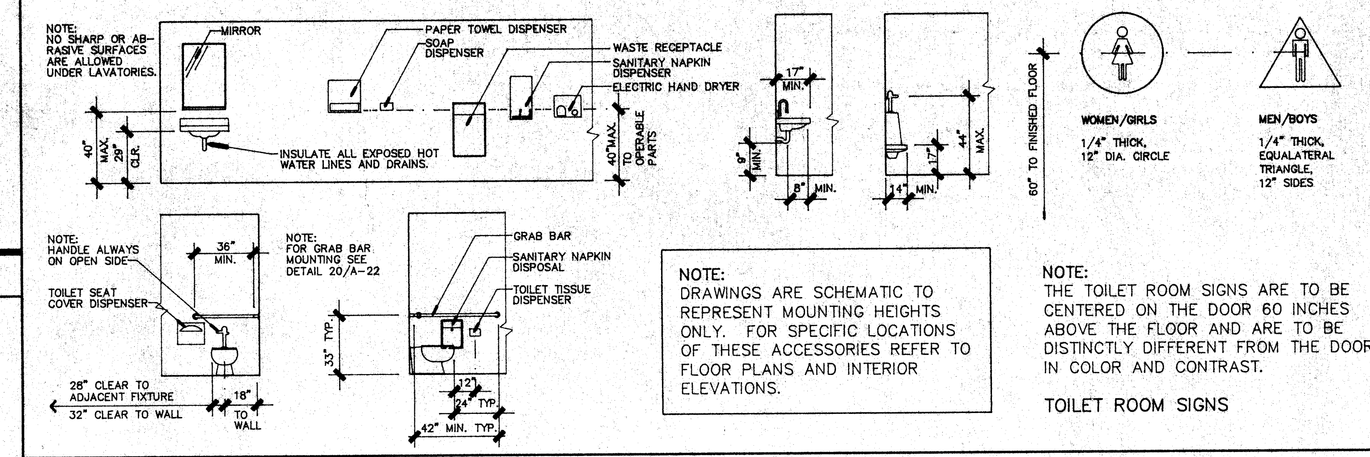
15C7 LIBRARY

INTERIOR ELEVATIONS

1/4"

WALL LEGEND

- EXISTING WALL TO REMAIN
- EXISTING WALL TO BE REMOVED
- EXISTING WALL WITH WINDOWS TO REMAIN
- CONSTRUCT STUD WALL
- CONSTRUCT STUD WALL (PARTIAL HEIGHT)



NOTE:
DRAWINGS ARE SCHEMATIC TO REPRESENT MOUNTING HEIGHTS ONLY. FOR SPECIFIC LOCATIONS OF THESE ACCESSORIES REFER TO FLOOR PLANS AND INTERIOR ELEVATIONS.

NOTE:
THE TOILET ROOM SIGNS ARE TO BE CENTERED ON THE DOOR 60 INCHES ABOVE THE FLOOR AND ARE TO BE DISTINCTLY DIFFERENT FROM THE DOOR IN COLOR AND CONTRAST.

TOILET ROOM SIGNS

1 MOUNTING HEIGHT SCHEDULE (HANDICAP ACCESSIBLE) N.T.S.

DEMOLITION PLAN NOTES

ALL NOTES IN THIS COLUMN ARE TO BE USED FOR DRAWINGS ON THIS SHEET ONLY. NOTES LISTED IN THIS COLUMN WHICH ARE NOT INDICATED ON THE DRAWING SHALL BE DISREGARDED.

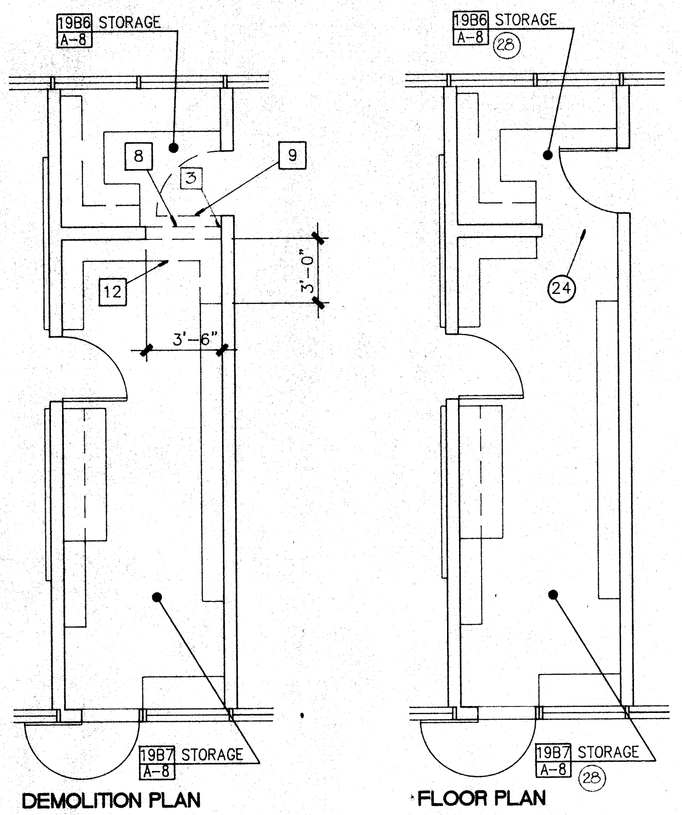
1. REMOVE EXISTING FINISH FLOOR MATERIAL.
2.
3. REMOVE EXISTING FLOOR BASE.
4. REMOVE EXISTING CERAMIC TILE FLOORING.
5. REMOVE EXISTING TRIM PIECES, MOULDINGS AND OTHER SUPPLEMENTS IN THIS ROOM THAT WILL INTERFERE WITH THE INSTALLATION OF WALL FINISHES.
6. REMOVE EXISTING CHALKBOARDS.
7. REMOVE EXISTING TACK BOARDS.
8. REMOVE EXISTING WALL.
9. REMOVE (E) DOOR & DR. FRAME (REFER TO DOOR SCHED)
10. REMOVE EXISTING DOOR AND HARDWARE.
11. REMOVE PORTION OF EXISTING WALL FOR WINDOW (REFER TO INTERIOR ELEVATION).
12. REMOVE PORTION OF EXISTING CABINET.
13. REMOVE EXISTING CABINET HARDWARE AND DOORS.
14. REMOVE EXISTING COUNTERTOPS AND SPLASHES.
15. REMOVE EXISTING SHELF, COAT HOOKS, AND SUPPORTING BRACKETS.
16. REMOVE EXISTING BOOKCASE.
17. REMOVE EXISTING CABINET.
18. REMOVE EXISTING SINK (REFER TO PLUMBING PLANS)
19. REMOVE EXISTING UNIT HEATER (REFER TO MECHANICAL PLANS).
20. REMOVE EXISTING PAPER TOWEL DISPENSERS, SOAP DISPENSERS AND MIRRORS WHERE THEY OCCUR.
21. REMOVE EXISTING PAPER ROLL DISPENSER BRACKETS AND REINSTALL IN SAME LOCATION AFTER COUNTERTOP AND SPLASH ARE INSTALLED.

21.1 REMOVE EXISTING WALL FINISH BELOW AREA OF PLATFORM; REFER TO STRUCTURAL DRAWINGS.

FLOOR PLAN NOTES

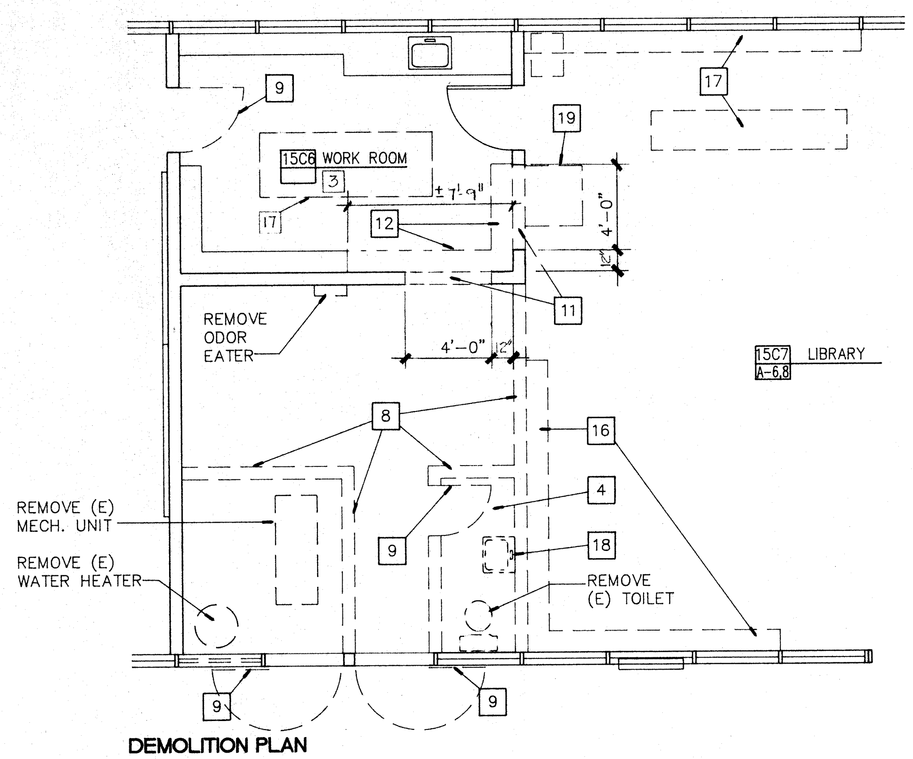
ALL NOTES IN THIS COLUMN ARE TO BE USED FOR DRAWINGS ON THIS SHEET ONLY. NOTES LISTED IN THIS COLUMN WHICH ARE NOT INDICATED ON THE DRAWING SHALL BE DISREGARDED.

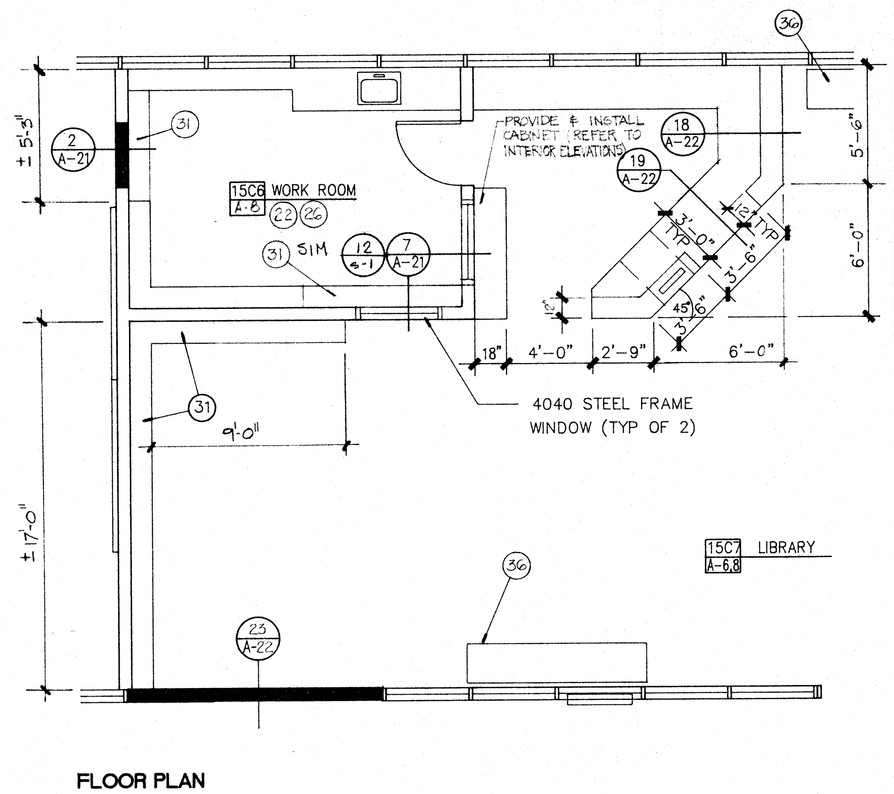
22. PREPARE SUBFLOOR SURFACE TO ACCEPT FLOORING MATERIAL
23.
24. PATCH FLOOR WITH MATERIAL AND COLOR TO MATCH EXISTING.
25. PROVIDE AND INSTALL VINYL COMPOSITION TILE.
26. PROVIDE AND INSTALL CARPET.
27. PROVIDE AND INSTALL CARPET EDGE STRIP.
28. REPAIR, PATCH AND PREPARE WALL SURFACE TO ACCEPT FINISH WALL MATERIAL.
29. PROVIDE AND INSTALL LAM. PLAS. COVERED COUNTERTOPS AND SPLASHES (WHERE THEY OCCUR - REFER TO INT. ELEVATIONS).
30. ALL CABINETRY IN THIS ROOM IS EXISTING TO BE REPAIRED AND REFINISHED UNLESS NOTED OTHERWISE (REFER TO INTERIOR ELEVATIONS).
31. PROVIDE AND INSTALL BOOKCASE AND ADJUSTABLE SHELVES.
32. PROVIDE AND INSTALL SHELF, COAT HOOKS, AND SUPPORTING BRACKETS.
33. PROVIDE AND INSTALL UPPER BOOKCASE.
34. PROVIDE AND INSTALL CHALKBOARD (REFER TO INTERIOR ELEVATIONS).
35. PROVIDE AND INSTALL SINK (REFER TO PLUMBING PLANS).
36. PROVIDE AND INSTALL UNIT VENTILATOR (REFER TO MECHANICAL PLANS).
37. PROVIDE AND INSTALL SOAP DISPENSER.
38. PROVIDE AND INSTALL PAPER TOWEL DISPENSER.
39. PROVIDE AND INSTALL MIRROR.
40. REFRIGERATOR SPACE
41. PROVIDE & INSTALL GUARDRAIL
42. PROVIDE & INSTALL HANDRAIL



PARTIAL PLAN E

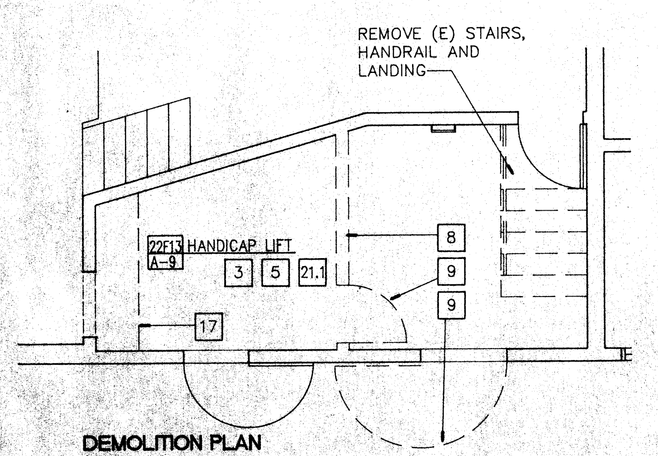
BUILDING B

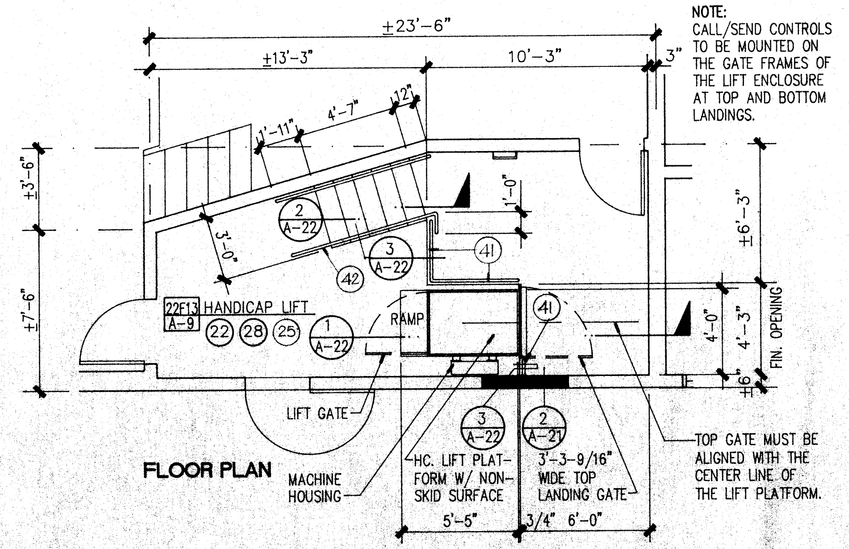




PARTIAL PLAN F

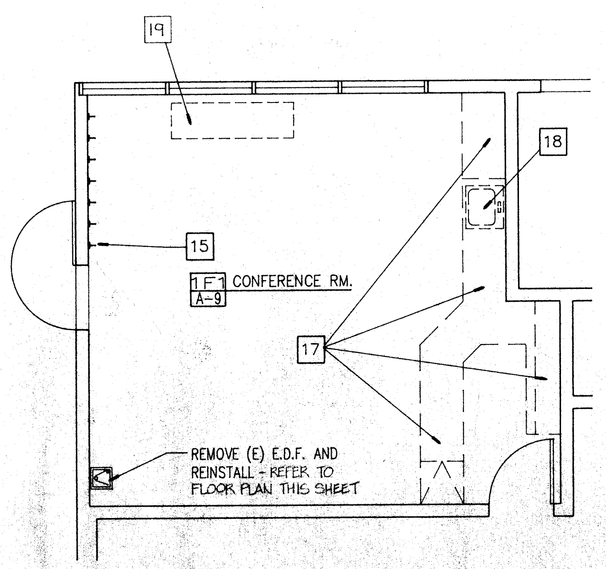
BUILDING C

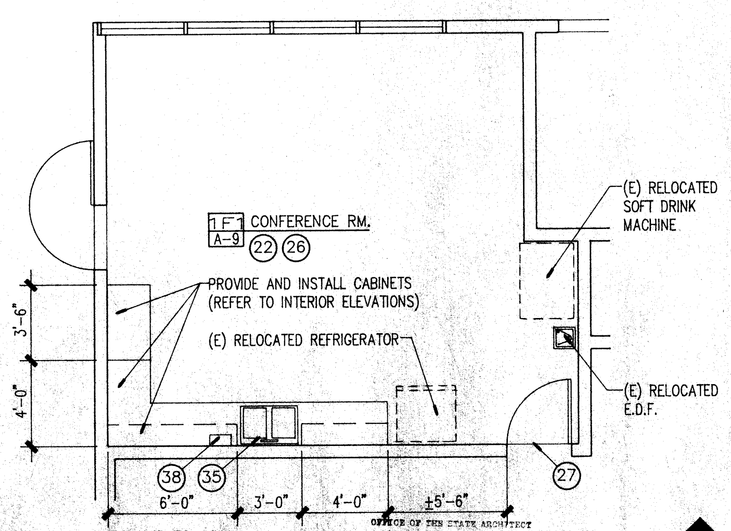




PARTIAL PLAN G

BUILDING F





PARTIAL PLAN H

BUILDING F

OFFICE OF THE STATE ARCHITECT
ACCESS COMPLIANCE SECTION
515547 AUG 01 89
APPLICATION FOR REVIEW
NO.

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
DEC 13 1989
Structural Safety Section
Appl. # 515547 NCILA

STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF THE STATE ARCHITECT

N

1/4"

ENLARGED FLOOR PLANS

RRA

Architecture
Planning
Interior Design
Space Planning

Donald W. Renfro AIA C5283
Mark E. Russell AIA C13726
Carl G. Elliott AIA C7571
K. Bartram Huffman AIA C12061
Kenneth A. Kalla AIA C17760
Jeffrey P. Krausse AIA C16834
Tommy W. Preston AIA C12283
Larry G. Wiggins AIA C12514

Renfro-Russell & Associates, Inc.
4800 Stockdale Highway, Suite 304, Bakersfield, California 93309 (805) 327-7075

CONSULTANTS

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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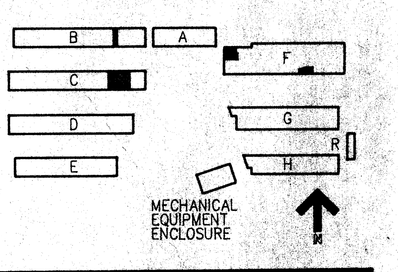
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-8-89	BIDDING

DATE	REVISIONS

SHEET TITLE

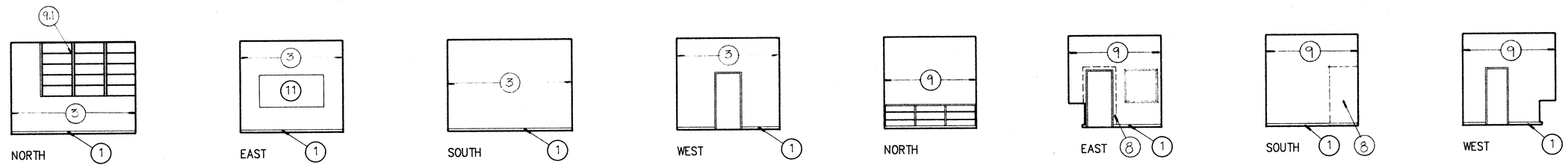
ENLARGED PARTIAL FLOOR PLANS

APPROVED/ARCHITECT
CHECKED TWP DATE 8-1-89
DRAWN BY ES PROJECT NO. 86-216W

SHEET NUMBER 86216CA23E48

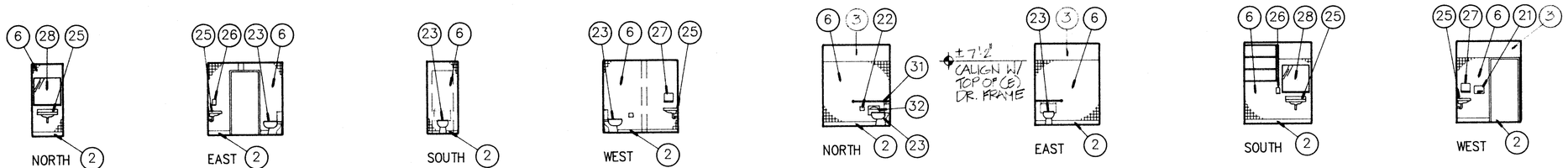
A-6

OF 23 SHEETS



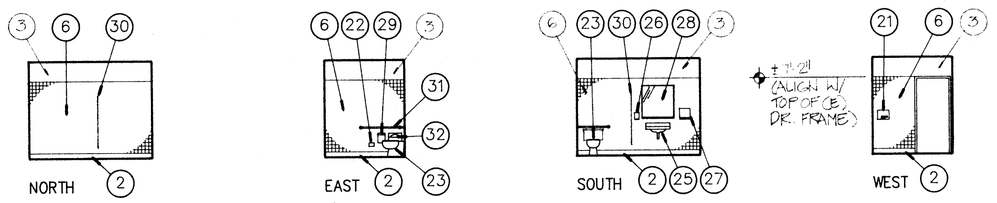
22A1 TEACHERS' LOUNGE

1A2 PRINCIPAL

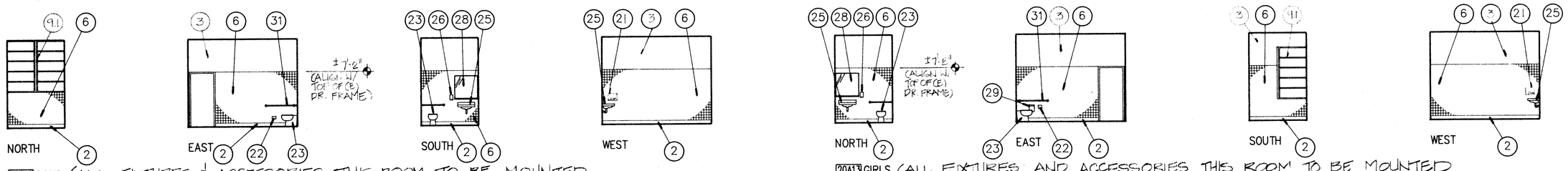


20A3 TOILET

20A6 MEN (ALL FIXTURES & ACCESSORIES THIS ROOM TO BE MOUNTED IN COMPLIANCE WITH HANDICAP STANDARDS)

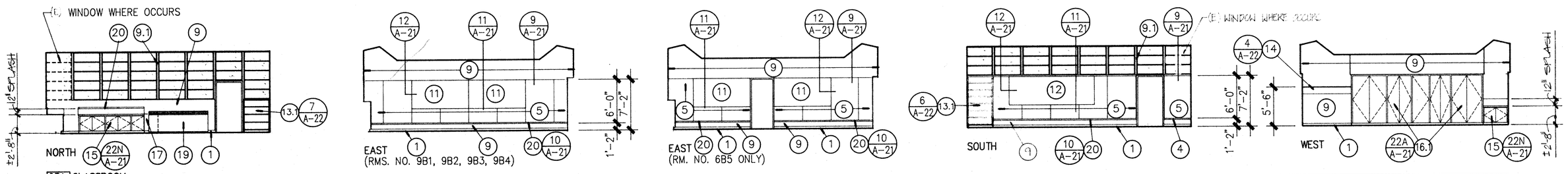


20A7 WOMEN (ALL FIXTURES & ACCESSORIES THIS ROOM TO BE MOUNTED IN COMPLIANCE WITH HANDICAP STANDARDS)



20A12 BOYS (ALL FIXTURES & ACCESSORIES THIS ROOM TO BE MOUNTED IN COMPLIANCE WITH HANDICAP STANDARDS)

20A13 GIRLS (ALL FIXTURES AND ACCESSORIES THIS ROOM TO BE MOUNTED IN COMPLIANCE WITH HANDICAP STANDARDS)



9B1 CLASSROOM
(RM NOS. 9B2, 9B3, 9B4, 6B5 SIM)

INTERIOR ELEVATIONS

1/8"

NOTE: (REFER TO MECHANICAL DRAWINGS FOR LOCATION AND DETAIL OF BAROMETRIC RELIEF VENTS)

INT. ELEVATION NOTES

ALL NOTES IN THIS COLUMN ARE TO BE USED FOR DRAWINGS ON THIS SHEET ONLY. NOTES LISTED IN THIS COLUMN WHICH ARE NOT INDICATED ON THE DRAWINGS SHALL BE DISREGARDED.(U.O.N. PROVIDE & INSTALL ITEMS IN THIS COLUMN WHICH ARE INDICATED ON DRAWINGS)

1. 4" RUBBER BASE (CARPET BASE AT CARPET TOPSET BASE AT VINYL FLOORING)
2. 6" COVED CERAMIC TILE BASE
3. PATCH OR REPAIR ANY DENTS, SCRATCHES, DAMAGE & OTHER IMPERFECTIONS IN (E) PLASTER SURFACE & FINISH PER SHT. FINISH SCHEDULE.
4. PAINTED HARDWOOD TRIM TO MATCH ELECTRIC PLUG STRIP IN SIZE AND COLOR
5. VINYL COVERED TACKABLE WALL PANELS
6. CERAMIC TILE
7. PATCH WITH PLASTER TO MATCH ADJACENT WALL SURFACE MATERIAL AND TEXTURE
8. PATCH WITH PLYWOOD TO MATCH ADJACENT WALL SURFACE MATERIAL AND TEXTURE
9. PATCH TO REPAIR ANY CRACKS, DENTS, DAMAGE & OTHER IMPERFECTIONS IN (E) FLOOR, FLOOR LINING & FINISH PER SHT. FINISH SCHEDULE.
9.1 PATCH OR REPAIR ANY CRACKS, DENTS, DAMAGE & OTHER IMPERFECTIONS IN (E) CEILING & FINISH PER SHT. FINISH SCHEDULE.
10. 4' X 10' CHALKBOARD
11. 4' X 8' CHALKBOARD
12. 4' X 12' CHALKBOARD
13. PROVIDE AND INSTALL BASE CABINET
13.1 PROVIDE AND INSTALL BOOKCASE AND LAM.PLAS. SHELVES. ADJUST TABLE SHELVES.
13.2 PROVIDE AND INSTALL UPPER BOOKCASE
13.3 PROVIDE AND INSTALL UPPER CABINET
13.4 PROVIDE AND INSTALL TALL STORAGE / WARDROBE CABINET
14. PROVIDE AND INSTALL LAMINATE PLASTIC COVERED SHELF WITH COAT HOOKS AND SUPPORTING BRACKETS.
15. REPAIR OR REPLACE EXISTING CABINET FRAMES, SHELVES, DRAWERS, ETC. THAT ARE BADLY SCUFF DENTED OR HAVE BEEN DAMAGED OR DISTRESSED, AND PAINT ENTIRE CABINET (INSIDE AND OUT). PROVIDE AND INSTALL LAMINATE PLASTIC COVERED SHELVES AND COUNTERTOPS OVER EXISTING FRAME. PROVIDE AND INSTALL CABINET HARDWARE. PROVIDE AND INSTALL LAMINATE PLASTIC COVERED DOORS AND DRAWER FACES WHERE THEY OCCUR.
16. REPAIR OR REPLACE EXISTING CABINET FRAMES, SHELVES, DRAWERS, ETC. THAT ARE BADLY SCUFF DENTED OR HAVE BEEN DAMAGED OR DISTRESSED, AND PAINT ENTIRE CABINET (INSIDE AND OUT). PROVIDE AND INSTALL LAMINATE PLASTIC COVERED COUNTERTOPS OVER EXISTING FRAME. PROVIDE AND INSTALL CABINET HARDWARE. PROVIDE AND INSTALL LAMINATE PLASTIC COVERED DOORS AND DRAWER FACES WHERE THEY OCCUR.
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19. UNIT VENTILATOR (REFER TO MECHANICAL PLANS)
20. ELECTRICAL PLUG STRIP (REFER TO ELEC. PLANS)
20.1 HANDICAP LIFT (REFER TO ELECTRICAL PLANS).
21. ELECTRIC HAND DRYER
22. TOILET PAPER DISPENSER
23. TOILET (REFER TO PLUMBING PLANS)
24. URINAL (REFER TO PLUMBING PLANS)
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31. GRAB BAR
32. TOILET SEAT COVER DISPENSER
33. HANDRAIL
34. GUARDRAIL

NOTE:
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OFFICE OF THE STATE ARCHITECT
PUBLIC SCHOOLS DIVISION
51547 AUG 01 '89
APPROVED FOR ACCESS AND EGRESS ONLY

RRA
Architecture
Planning
Interior Design
Space Planning

Donald W. Renfro AIA C5283
Mark E. Russell AIA C13726
Carl G. Elliott AIA C7571
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Renfro-Russell & Associates, Inc.
4800 Stockdale Highway, Suite 304, Bakersfield, California 93309 (805) 327-7075

CONSULTANTS

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

THE ABOVE DRAWINGS AND SPECIFICATIONS AND IDEAS, DESIGNS AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VISUAL CONTACT WITH THESE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

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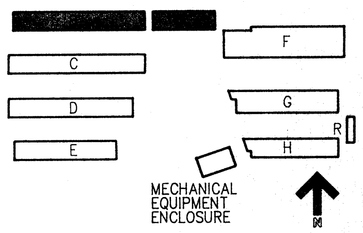
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

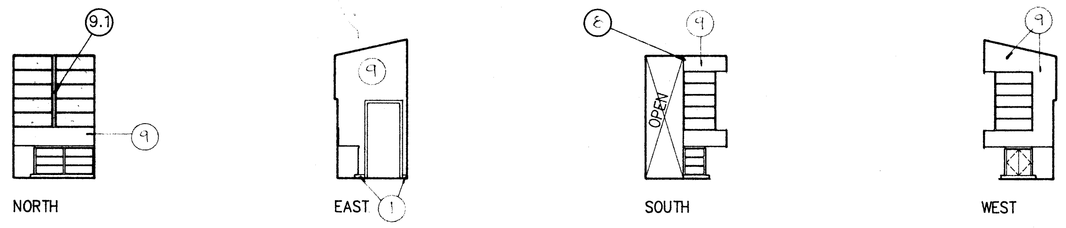
DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS

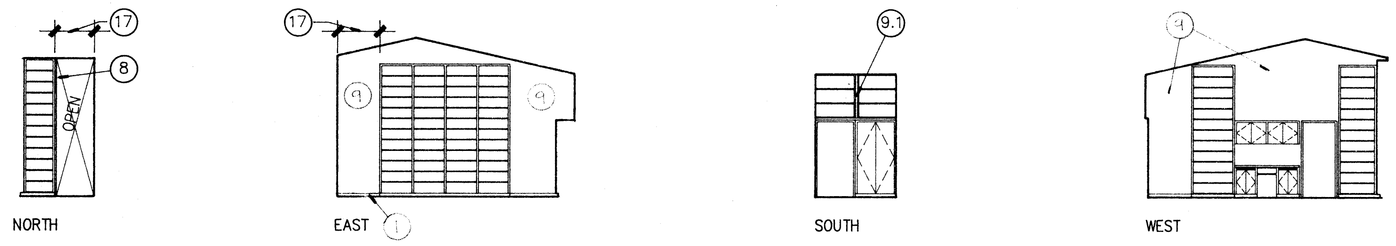
SHEET TITLE
INTERIOR ELEVATIONS

APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY ES PROJECT NO. 86-216W

SHEET NUMBER 86216CA73D096
A-7
OF 23 SHEETS



1986 STORAGE



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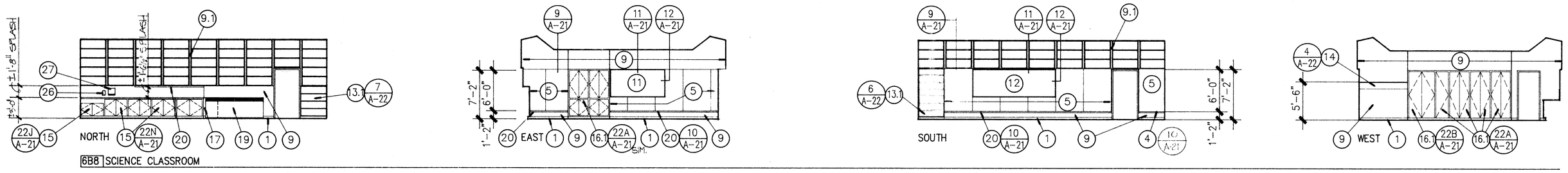
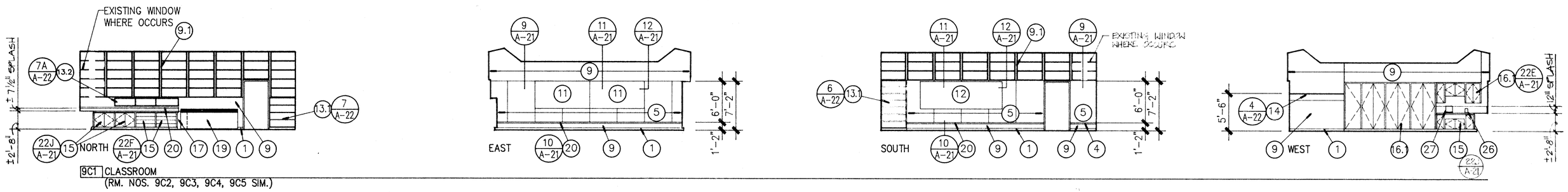
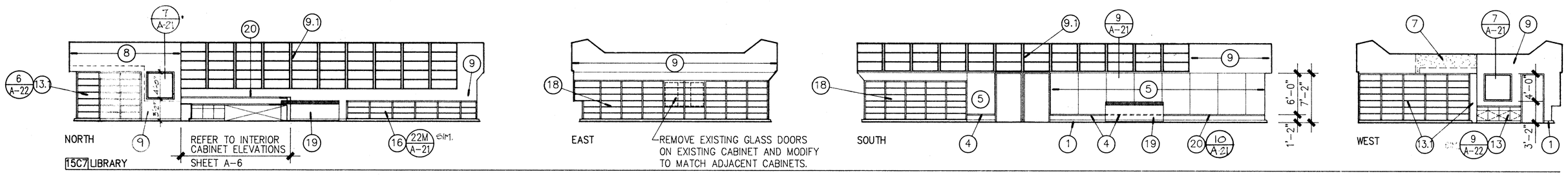


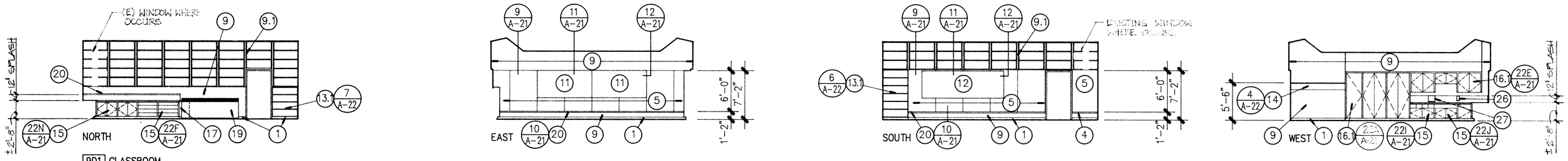
6B8 SCIENCE CLASSROOM



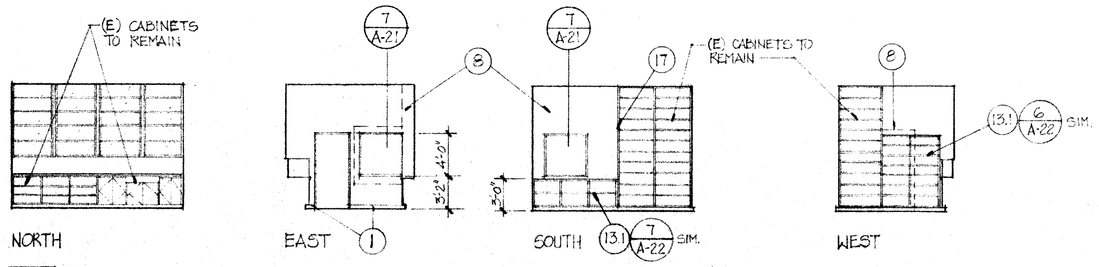
9C1 CLASSROOM
(RM. NOS. 9C2, 9C3, 9C4, 9C5 SIM.)



15C7 LIBRARY



9D1 CLASSROOM
(RM. NOS. 9D2, 9D3, 9D4, 9D5 SIM.)



15C6 WORK ROOM

INTERIOR ELEVATIONS

1/8"

NOTE: (REFER TO MECHANICAL DRAWINGS FOR LOCATION AND DETAIL OF BAROMETRIC RELIEF VENTS)

INT. ELEVATION NOTES

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1. 4" RUBBER BASE (CARPET BASE AT CARPET TOPSET BASE AT VINYL FLOORING)
2. 6" COVED CERAMIC TILE BASE
3. PATCH OR REPAIR ANY DAMAGED CERAMIC TILE & OTHER SURFACE IMPERFECTIONS TO BE READY FOR SURFACE & FINISHES BUT NOT INSTALLED
4. PAINTED HARDWOOD TRIM TO MATCH ELECTRIC PLUG STRIP IN SIZE AND COLOR
5. VINYL COVERED TACKABLE WALL PANELS
6. CERAMIC TILE
7. PATCH WITH PLASTER TO MATCH ADJACENT WALL SURFACE MATERIAL AND TEXTURE
8. PATCH WITH PLYWOOD TO MATCH ADJACENT WALL SURFACE MATERIAL AND TEXTURE
9. PATCH OR REPAIR ANY DAMAGED, SPLITTED, DENTS & OTHER SURFACE IMPERFECTIONS TO BE READY FOR PAINTING & FINISHES. NOT INSTALLED.

9.1 PATCH OR REPAIR ANY DAMAGED, SPLITTED, DENTS & OTHER SURFACE IMPERFECTIONS TO BE READY FOR PAINTING & FINISHES. NOT INSTALLED.

10. 4' X 10' CHALKBOARD
11. 4' X 8' CHALKBOARD
12. 4' X 12' CHALKBOARD
13. PROVIDE AND INSTALL BASE CABINET

13.1 PROVIDE AND INSTALL BOOKCASE AND LAM.PLAS. COVERED ADJUSTABLE SHELVES

13.2 PROVIDE AND INSTALL UPPER BOOKCASE

13.3 PROVIDE AND INSTALL UPPER CABINET

13.4 PROVIDE AND INSTALL TALL STORAGE / WARDROBE CABINET

14. PROVIDE AND INSTALL LAMINATE PLASTIC COVERED SHELF WITH COAT HOOKS AND SUPPORTING BRACKETS.
15. REPAIR OR REPLACE EXISTING CABINET FRAMES, SHELVES, DRAWERS, ETC. THAT ARE DAMAGED, SPLITTED, DENTED AND PAINT ENTIRE CABINET (INSIDE AND OUT). PROVIDE AND INSTALL LAMINATE PLASTIC COVERED SMOOTH AND COUNTERTOPS OVER EXISTING FRAME. PROVIDE AND INSTALL CABINET HARDWARE. PROVIDE AND INSTALL LAMINATE PLASTIC COVERED DOORS AND DRAWER FACES WHERE THEY OCCUR.
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20.1 HANDICAP LIFT (REFER TO ELECTRICAL PLANS).

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OFFICE OF THE STATE ARCHITECT
51547 AUG 01 89
STATE OF CALIFORNIA
IDENTIFICATION
Department of General Services
Office of the State Architect
51547 NP/GA

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CONSULTANTS

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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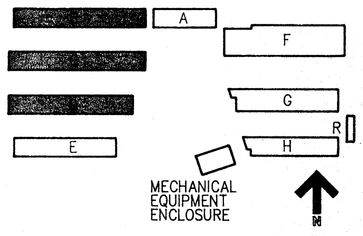
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

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9-3-91	BIDDING

DATE	REVISIONS

SHEET TITLE

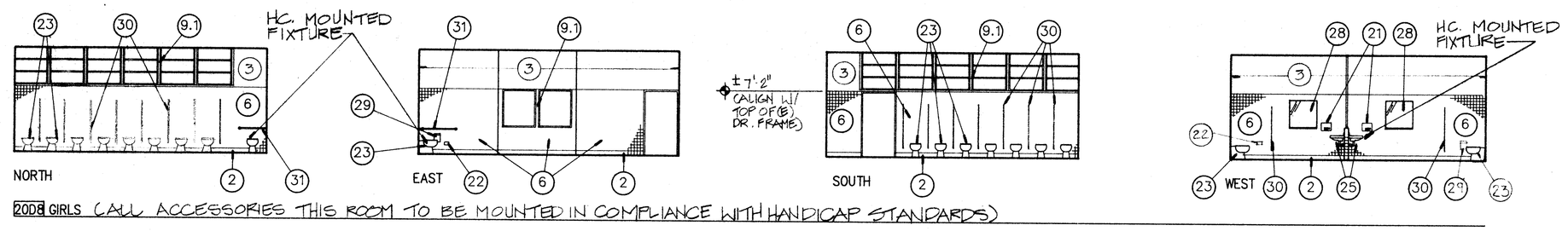
INTERIOR ELEVATIONS

APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY ES PROJECT NO. 86-216W

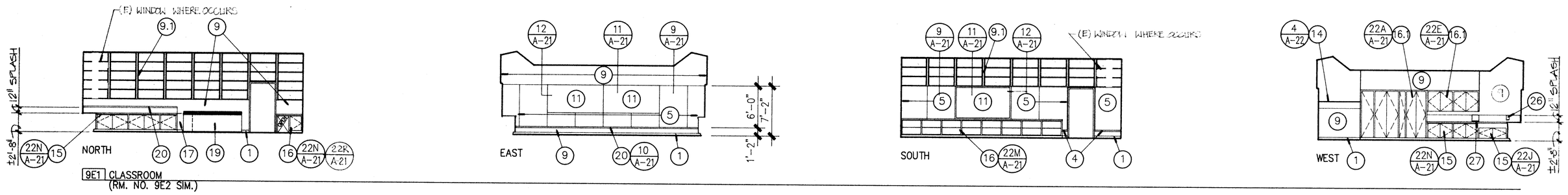
SHEET NUMBER 86216CA73A96

A-8

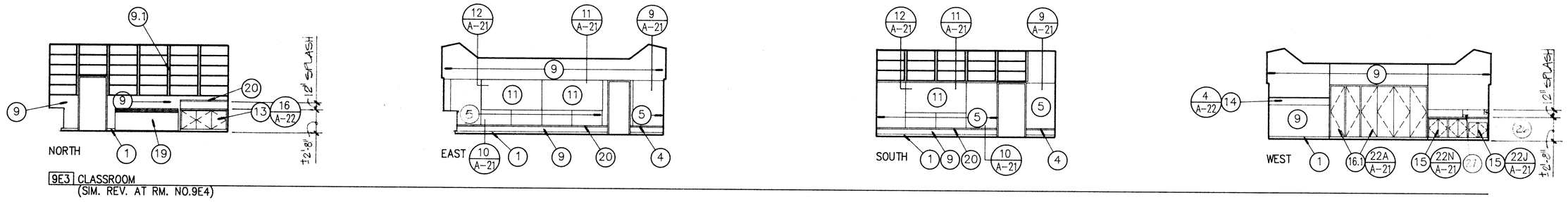
OF 23 SHEETS



20D8 GIRLS (ALL ACCESSORIES THIS ROOM TO BE MOUNTED IN COMPLIANCE WITH HANDICAP STANDARDS)



9E1 CLASSROOM
(RM. NO. 9E2 SIM.)



9E3 CLASSROOM
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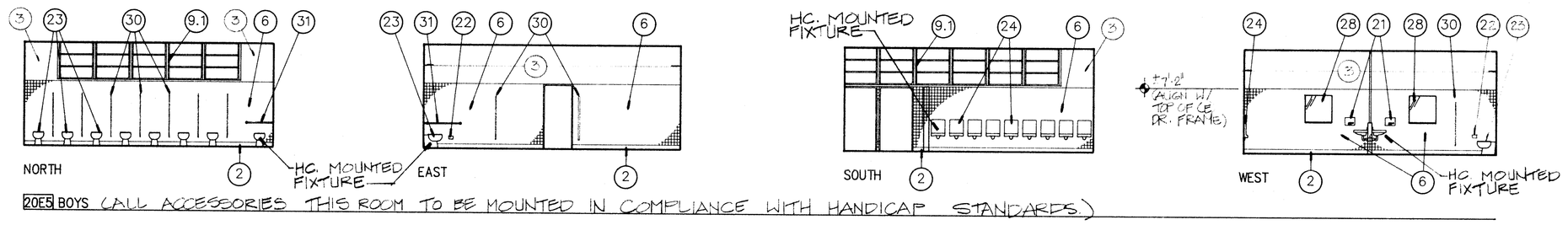
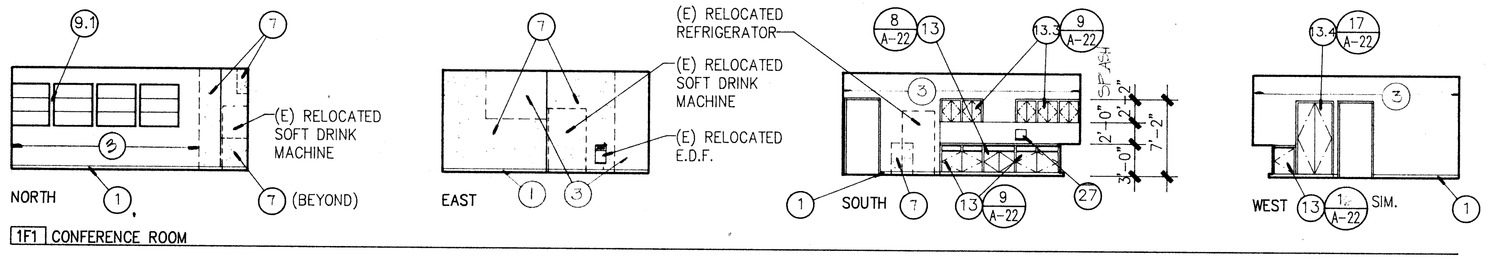
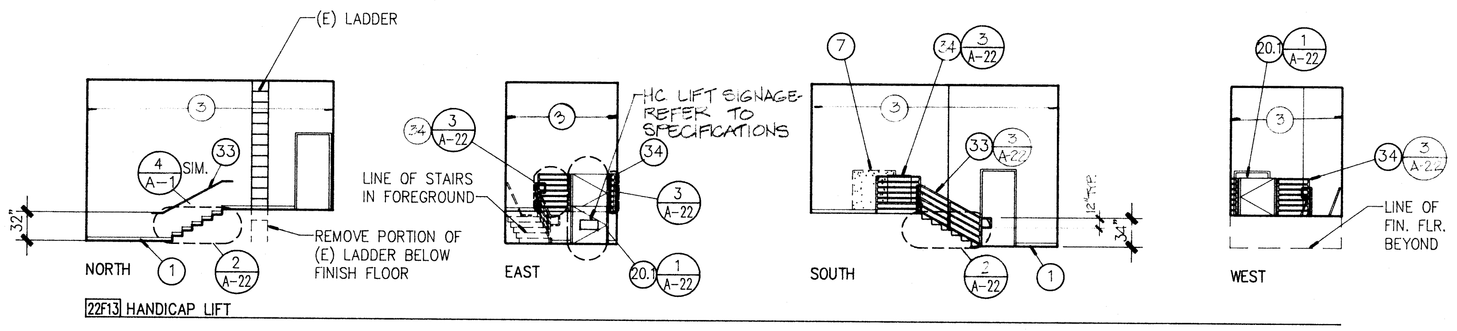


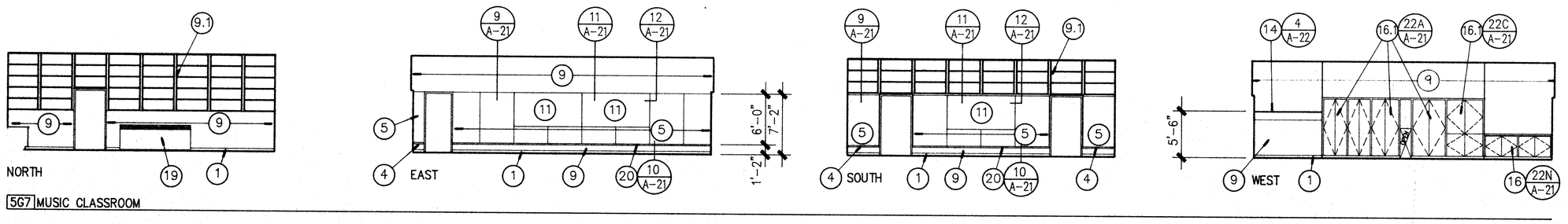
20E5 BOYS (ALL ACCESSORIES THIS ROOM TO BE MOUNTED IN COMPLIANCE WITH HANDICAP STANDARDS)



1F1 CONFERENCE ROOM



22F13 HANDICAP LIFT



5G7 MUSIC CLASSROOM

INTERIOR ELEVATIONS

NOTE: (REFER TO MECHANICAL DRAWINGS FOR LOCATION AND DETAIL OF BAROMETRIC RELIEF VENTS)

1/8"

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1. 4" RUBBER BASE (CARPET BASE AT CARPET TOPSET BASE AT VINYL FLOORING)
2. 6" COVED CERAMIC TILE BASE
3. PATCH OR REPAIR ANY HOLES, SCRATCHES, DENTS & OTHER DIM. BLEMISHES ON (E) PLAS. SURFACE & FIN. PER. FIN. SCHEDULE.
4. PAINTED HARDWOOD TRIM TO MATCH ELECTRIC PLUG STRIP IN SIZE AND COLOR
5. VINYL COVERED TACKABLE WALL PANELS
6. CERAMIC TILE
7. PATCH WITH PLASTER TO MATCH ADJACENT WALL SURFACE MATERIAL AND TEXTURE
8. PATCH WITH PLYWOOD TO MATCH ADJACENT WALL SURFACE MATERIAL AND TEXTURE
9. PATCH OR REPAIR ANY CRACKS, SPLITS, DENTS & OTHER DIM. BLEMISHES ON (E) FLOOR, PANELING & FIN. PER. RM. FIN. SCHEDULE.
9.1 PATCH OR REPAIR ANY CRACKS, SPLITS, DENTS & OTHER DIM. BLEMISHES ON EXPOSED (E) CONCRETE & BRICK (ANCHOR, FRAME, TRIM & FIN.) PER. RM. FIN. SCHEDULE.
10. 4' X 10' CHALKBOARD
11. 4' X 8' CHALKBOARD
12. 4' X 12' CHALKBOARD
13. PROVIDE AND INSTALL BASE CABINET
13.1 PROVIDE AND INSTALL BOOKCASE AND LAM.PLAS. COVERED ADJUSTABLE SHELVES.
13.2 PROVIDE AND INSTALL UPPER BOOKCASE
13.3 PROVIDE AND INSTALL UPPER CABINET
13.4 PROVIDE AND INSTALL TALL STORAGE / WARDROBE CABINET
14. PROVIDE AND INSTALL LAMINATE PLASTIC COVERED SHELF WITH COAT HOOKS AND SUPPORTING BRACKETS.
15. REPAIR OR REPLACE EXISTING CABINET FRAMES, SHELVES, DRAWERS, ETC. THAT ARE ON AND SPLIT CENTER AND PAINT ENTIRE CABINET (INSIDE AND OUT). PROVIDE AND INSTALL LAMINATE PLASTIC COVERED SPLASH AND COUNTERTOPS OVER EXISTING FRAME. PROVIDE AND INSTALL CABINET HARDWARE. PROVIDE AND INSTALL LAMINATE PLASTIC COVERED DOORS AND DRAWER FACES WHERE THEY OCCUR.
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19. UNIT VENTILATOR (REFER TO MECHANICAL PLANS)
20. ELECTRICAL PLUG STRIP (REFER TO ELEC. PLANS)
20.1 HANDICAP LIFT (REFER TO ELECTRICAL PLANS).
21. ELECTRIC HAND DRYER
22. TOILET PAPER DISPENSER
23. TOILET (REFER TO PLUMBING PLANS)
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OFFICE OF THE STATE ARCHITECT
APPROVED UNDER ACT SECTION
51547 AUG 01 '89
ACCESSIBILITY PLAN REVIEW
BY:

STATE OF CALIFORNIA
SOLID FUEL

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
13 1989
Structural Safety Section
File No. 51547 NP/LA

RRA
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BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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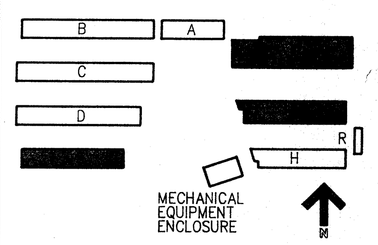
WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSION. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS

SHEET TITLE

INTERIOR ELEVATIONS

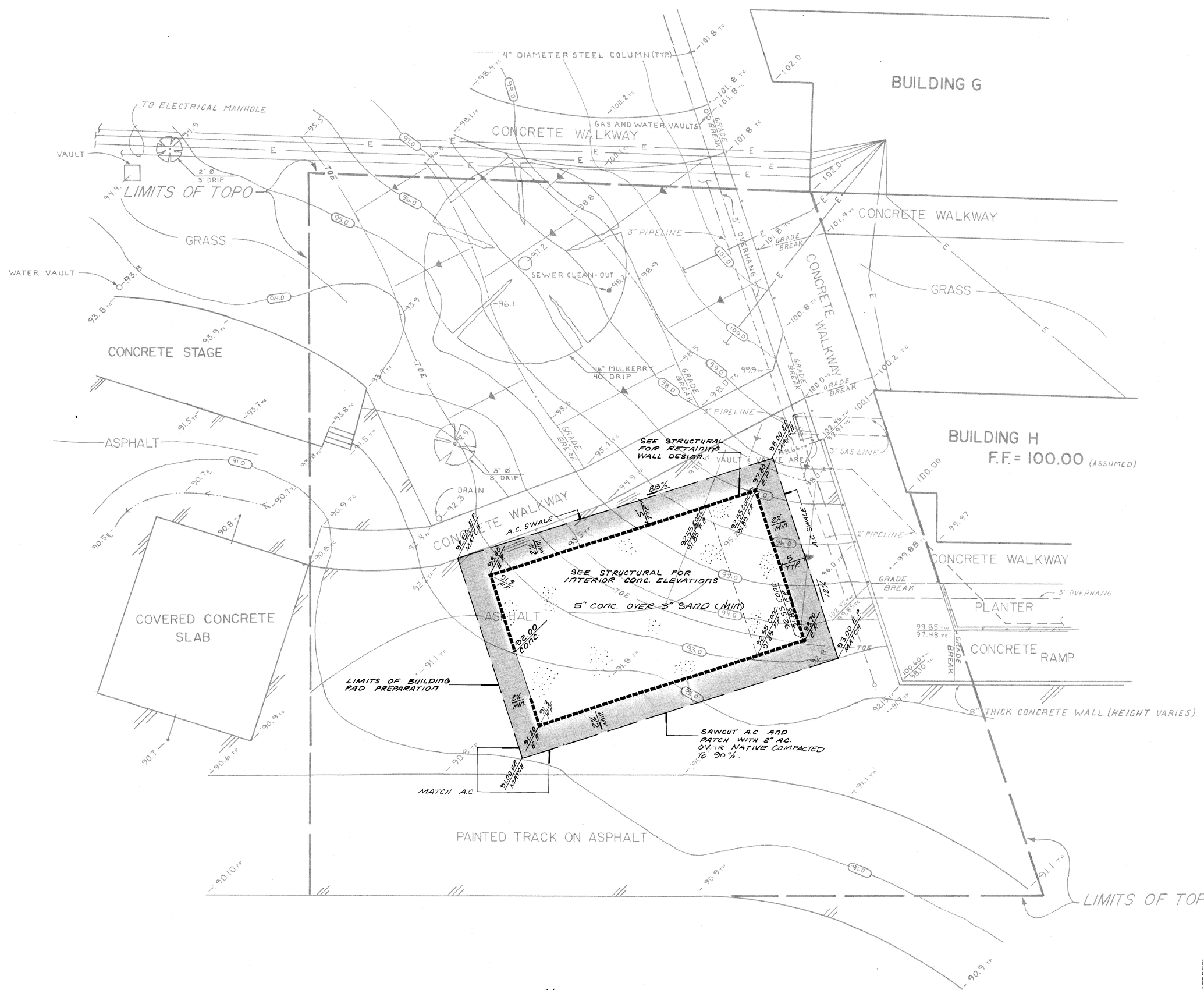
APPROVED/ARCHITECT Tommy W. Preston
CHECKED TWP DATE 8-1-89
DRAWN BY ES PROJECT NO. 86-216W

SHEET NUMBER 86216CA73896

A-9

OF 23 SHEETS

WASHINGTON JR. HIGH SCHOOL



GRADING NOTES

1. ALL GRADING SHALL CONFORM TO THE CITY OF BAKERSFIELD ORDINANCES AND STANDARDS PERTAINING THEPETO (CHAPTER 70 U.B.C., 1982) AND SHALL BE SUPERVISED AS ENGINEERED GRADING IN ACCORDANCE WITH CITY OF BAKERSFIELD ORDINANCE.

2. THE DESIGN ENGINEER SHALL EXERCISE SUFFICIENT SUPERVISORY CONTROL DURING GRADING AND CONSTRUCTION TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS AND CODE WITHIN HIS PURVIEW.

3. THE SOIL ENGINEER, DESIGN ENGINEER, AND BUILDING OFFICIAL SHALL BE NOTIFIED 48 HOURS PRIOR TO PLACING ANY MATERIAL.

4. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER, ARCHITECT, AND THE ENGINEER HARMLESS FROM ANY LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, ARCHITECT, OR THE ENGINEER.

5. THE GRADING CONTRACTOR SHALL CONTACT ALL COMPANIES WITH UNDERGROUND FACILITIES PRIOR TO BEGINNING CONSTRUCTION AND VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND FACILITIES, INCLUDING TELEPHONE, ELECTRIC, WATER, SEWER, OIL AND GAS LINES. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR BURIED LINES NOT INDICATED ON THE PLAN OR FOR INFORMATION OBTAINED FROM OUTSIDE SOURCES. (USA 1-800 642-2444)

6. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING ALL AREAS TO + OR - 0.10 FOOT. IF AN AREA SHOULD BE FOUND TO BE MORE THAN 0.10 FOOT ABOVE OR BELOW GRADE AFTER COMPACTING AND ACCEPTANCE OF GRADING, THE CONTRACTOR SHALL RETURN AND CORRECT THE GRADING AT NO COST TO THE OWNER.

7. THE GRADING CONTRACTOR SHALL WATER AS REQUIRED DURING THE GRADING OPERATIONS TO PREVENT THE OCCURANCE OF A DUST NUISANCE AND SHALL PROTECT CURBS AND OTHER OBJECTS WHICH ARE TO REMAIN.

8. EXCAVATION - EXCAVATION SHALL CONSIST OF ALL EXCAVATION INVOLVED IN GRADING THE PROJECT AS SHOWN ON THE PLANS, EXCEPT ANY EXCAVATION SEPARATELY DESIGNATED AND PAID FOR AS A SEPARATE ITEM.

9. EMBANKMENTS - EMBANKMENT CONSTRUCTION SHALL CONSIST OF CONSTRUCTING LOT EMBANKMENTS, INCLUDING THE PREPARATION OF AREAS FOR WHICH THEY ARE TO BE PLACED, THE CONSTRUCTION OF DIKES WITHIN OR OUTSIDE THE CONSTRUCTION AREA, THE PLACING AND COMPACTING OF APPROVED MATERIAL WITHIN THE CONSTRUCTION AREA WHERE UNSUITABLE MATERIAL HAS BEEN REMOVED, AND THE PLACING AND COMPACTING OF EMBANKMENT MATERIAL IN HOLES, PITS AND OTHER DEPRESSIONS WITHIN THE GRADING AREA. FULL COMPENSATION FOR THE CONSTRUCTION OF EMBANKMENTS, PREPARING SUB-GRADE AT THE GRADING PLANE, CONFORMING TO THE GRADE TOLERANCE, DOING NECESSARY PLOWING OR BENCHING, IMPORTING OR BORROW, PLACING AND COMPACTING MATERIAL TO THE LINE AND GRADES SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE PAID PER CUBIC YARD FOR FURNISHING AND PLACING THE MATERIAL OR CONSTRUCTING AN EMBANKMENT, AS THE CASE MAY BE, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR SUCH WORK.

10. THE WORK EMBRACED HEREIN SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, DATED JANUARY 1988, INSOFAR AS THE SAME MAY APPLY IN ACCORDANCE WITH THE NOTES HEREON. IN CASE OF CONFLICT WITH THE STANDARD SPECIFICATIONS AND ANY NOTES HEREON, THE NOTES HEREON SHALL TAKE PRECEDENCE OVER AND BE USED IN LIEU OF SUCH CONFLICTING PORTIONS. SAID SPECIFICAITONS SHALL APPLY BUT NOT BE LIMITED TO THE FOLLOWING:

    A) ALL CONCRETE SHALL BE CLASS "B", USING TYPE V CEMENT, AS IN ACCORDANCE WITH SECTION 90 AND SHALL HAVE AT LEAST 2500 PSI COMPRESSIVE STRENGTH AT 28 DAYS.

    B) ASPHALTIC CONCRETE SHALL BE TYPE "B", MEDIUM GRADED, 1/2" MAXIMUM AGGREGATE, AND INTIMATELY MIXED WITH 5-7% ASPHALT.

11. IN THE EVENT CONSTRUCTION STAKING BASED ON MARTIN-MCINTOSH'S PLANS, DRAWINGS, OR OTHER DOCUMENTS IS PERFORMED BY ANOTHER FIRM, MARTIN-MCINTOSH SHALL BE HELD HARMLESS AND RELEASED FROM ALL LIABILITY ARISING FROM THE USE OF SAID PLANS, DRAWINGS, OR OTHER DOCUMENTS.

12. MARTIN-MCINTOSH SHALL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO, OR USES OF, THESE PLANS. ALL CHANGES TO THESE PLANS MUST BE APPROVED, IN WRITING, BY MARTIN-MCINTOSH.

13. ALL GRADING SHALL CONFORM TO THE RECOMMENDATIONS CONTAINED IN, AND MADE A PART HEREOF, THE PRELIMINARY SOILS REPORT PREPARED BY KRAZAN & ASSOC., JOB #88-237, DATED JAN. 12, 1989, AND ALL ADDENDUMS THERETO. IN CASE OF A CONFLICT BETWEEN THE PLANS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS WILL TAKE PRECEDENCE.

14. UPON COMPLETION OF GRADING AND BEFORE THE START OF CONSTRUCTION, A FINAL SOILS REPORT SHALL BE PREPARED BY THE SOIL ENGINEER.

15. THE SOIL ENGINEER SHALL REVIEW ALL EXCAVATIONS PRIOR TO BACKFILLING AND SHALL BE NOTIFIED OF ANY ITEM ENCOUNTERED DURING THE GRADING OPERATIONS THAT MIGHT AFFECT FOUNDATION STABILITY SO RECOMMENDATIONS CAN BE MADE BY THE SOIL ENGINEER.

16. CUT AND FILL SLOPES SHALL NOT BE STEEPER THAN 2:1.

17. ALL SLOPES GREATER THAN THREE FEET IN VERTICAL HEIGHT SHALL BE PREPARED AND MAINTAINED TO PREVENT EROSION.

18. IMPORTED FILL MATERIAL SHOULD BE PREDOMINATELY NONEXPANSIVE GRANULAR MATERIAL WITH A PLASTICITY INDEX LESS THAN 10. IMPORTED FILL SHOULD BE FREE FROM ROCKS AND LUMPS GREATER THAN FOUR INCHES IN DIAMETER. ALL IMPORT FILL MATERIAL SHOULD BE SUBMITTED FOR APPROVAL TO THE SOILS ENGINEER AT LEAST 48 HOURS PRIOR TO DELIVERY TO THE SITE.

19. CLEARING AND GRUBBING - REMOVE ALL DEBRIS, SUCH AS METAL, TRASH, BROKEN CONCRETE, VEGETATION, OTHER BIODEGRADABLE SUBSTANCES, AND UNSUITABLE SOIL FROM AREAS TO BE GRADED. UNSUITABLE SOIL IS SOIL THAT, IN THE OPINION OF THE BUILDING OFFICIAL, SOIL ENGINEER, OR CIVIL ENGINEER, IS NOT COMPETENT TO SUPPORT OTHER SOIL OR STRUCTURES, OR TO SATISFACTORILY PERFORM ANY OTHER FUNCTIONS FOR WHICH THE SOIL IS INTENDED. TREE REMOVAL OPERATIONS SHALL INCLUDE ROOTS GREATER THAN ONE INCH IN DIAMETER.

20. AREAS TO RECEIVE FILL SHALL BE SCARIFIED SIX INCHES, MOISTURE CONDITIONED, AND COMPACTED TO 90% OF THE MAXIMUM DENSITY PER ASTM D1557, UNLESS SPECIFIED OTHERWISE.

21. ENGINEERED FILL SHALL BE PLACED IN LAYERS NOT EXCEEDING SIX INCHES IN UNCOMPACTED THICKNESS, MOISTURE CONDITIONED, AND COMPACTED TO 90% OF THE MAXIMUM DENSITY PER ASTM D1557-78, UNLESS SPECIFIED OTHERWISE.

22. QUANTITIES FOR EARTHWORK

    EXCAVATION - 140 CU. YD.
    EMBANKMENT - 0 CU. YD.
    IMPORT - 0 CU. YD.

    QUANTITIES ARE FOR GRADING PERMIT ONLY. THE ENGINEER MAKES NO WARRANTY OF THE ANTICIPATED SHRINKAGE FACTOR. IN CASE OF EXCESS OR SHORTAGE, THE CONTRACTOR SHALL CONTACT THE ENGINEER SO THAT ADJUSTMENTS MAY BE MADE. THE CONTRACTOR SHALL NOT USE THESE QUANTITIES TO BASE HIS BID ON.

23. BUILDING PAD PREPARATION - SCARIFY SIX INCHES BELOW THE FINISH PAD GRADE, MOISTURE CONDITION, AND RECOMPACT TO 90% OF THE MAXIMUM DENSITY PER ASTM D1557. AREAS OF SCARIFICATION SHALL EXTEND FIVE FEET BEYOND THE FOUNDATION.

NF/14

ROGER A. McINTOSH R.C.E. 33322

BENCHMARK
FINISH FLOOR BUILDING H
ELEVATION ASSUMED 100.00

LEGEND

E.P.	EDGE OF PAVEMENT
F.P.	FINISH PAD
CONC.	CONCRETE
	VALVE
—x—x—	FENCE
	ASPHALT
TP	TOP OF PAVEMENT
TC	TOP OF CONCRETE
F.F.	FINISH FLOOR
FL	FLOWLINE
TW	TOP OF WALL
—E—	UNDERGROUND ELECTRICAL

NOTES

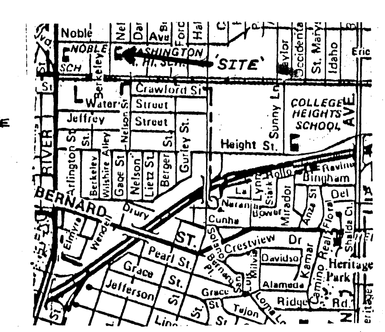
NOT ALL UNDERGROUND FACILITIES OR UTILITIES WERE LOCATED ON THIS PLAN AND THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR UNDERGROUND FACILITIES NOT SHOWN OR FROM INFORMATION OBTAINED FROM OUTSIDE SOURCES.

THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR EASEMENTS, RIGHT-OF-WAYS, AND PROPERTY LINES SHOWN OR NOT SHOWN DUE TO THE FACT NO TITLE REPORT WAS PROVIDED.

SURVEYOR'S STATEMENT

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE LAND SURVEYOR'S ACT AT THE REQUEST OF RENFRO-RUSSELL IN NOV 1988

ROGER A. McINTOSH L.S. 4383 — 2/8/89 DATE



VICINITY MAP NO SCALE

SCALE 1" = 10'

10 0 20
5 10 30

RRA
Architecture
Planning
Interior Design
Space Planning

Donald W. Renfro AIA C5283
Mark E. Russell AIA C13726
Carl G. Elliott AIA C7571
K. Bartram Huffman AIA C12061
Kenneth A. Kalla AIA C17760
Jeffrey P. Krausse AIA C16834
Tommy W. Preston AIA C12263
Larry G. Wiggins AIA C12514

Renfro-Russell & Associates, Inc.
4800 Stockdale Highway, Suite 304, Bakersfield, California 93309 (805) 327-7075

CONSULTANTS

Martin-McIntosh
LAND SURVEYING · CIVIL ENGINEERING

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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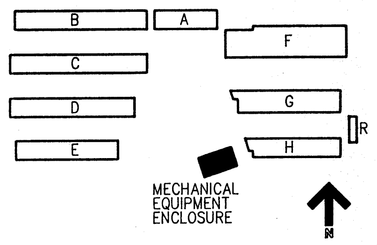
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
2-10-89	O.S.A. PLAN CHECK
4-2-91	BIDDING

DATE	REVISIONS
	1
	2
	3
	4

SHEET TITLE

GRADING PLAN

APPROVED/ARCHITECT
CHECKED
DATE
DRAWN BY R.T.S.
PROJECT NO. 86-216W

SHEET NUMBER

C-1

1 OF 1 SHEETS

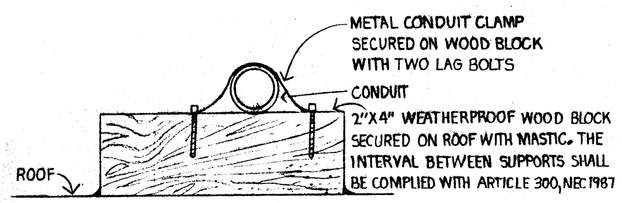
88-184

ALL ELECTRICAL EQUIPMENT LESS THAN 500 POUNDS SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

FIXED EQUIPMENT ON GRADE	22% OF OPERATING WEIGHT
FIXED EQUIPMENT ON STRUCTURE	33% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON GRADE	33% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON STRUCTURE	50% OF OPERATING WEIGHT

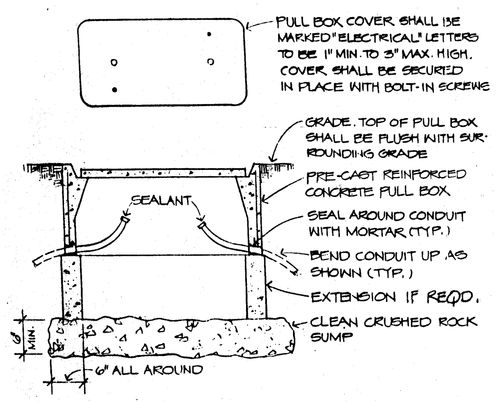
FOR FLEXIBLY MOUNTED EQUIPMENT USE 2 X THE ABOVE VALUES. SIMULTANEOUS VERTICAL FORCE--USE 1/3 X HORIZONTAL FORCE.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ELECTRICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.



CONDUIT SUPPORT ON ROOF

NO SCALE



PULL BOX DETAIL NO SCALE

ELECT. PANEL- LA — 277/480 V 3Ø 4W — SURF. MTD.

CIRC. NO.	BREAKER AMP.	BREAKER POLE	REMARKS	WATT A	WATT B	WATT C
1	40	3	A.C. UNIT 15.3A	4240		
2	40	3		4240		
3					4240	
4					4240	
5						4240
6						4240
7	40	3	A.C. UNIT 15.3A	4240		
8	150	3	SUBFEED PNL. 'LF'	22680		
9					4240	
10					20040	
11						4240
12						18100
13	20	1	SPARE			
14						
15						
16						
17						
18						
19			SPACE			
20						
21						
22						
23						
24						
TOTAL WATT:				35360	32760	30820

TOTAL CONNECTED LOAD: 99 KW — MAX. AMP/Ø: 131 A

MAINS: 200A/3P CIRC. BRKR.

FEEDER: 2 1/2" C-4 # 4/0

ELECT. PANEL- LB — 277/480 V 3Ø 4W — SURF. MTD.

CIRC. NO.	BREAKER AMP.	BREAKER POLE	REMARKS	WATT A	WATT B	WATT C
1	20	1	LIGHTING	3310		
2			SPACE			
3	20	1	LIGHTING		3170	
4			SPACE			
5	20	1	LIGHTING			3170
6			SPACE			
7						
8						
9						
10						
11						
12						
TOTAL WATT:				3310	3170	3170

TOTAL CONNECTED LOAD: 10 KW — MAX. AMP/Ø: 12 A

MAINS: 50A/3P CIRC. BRKR.

FEEDER: 1" C-4 # 8

WEATHERPROOF

ELECT. PANEL- LC — 277/480 V 3Ø 4W — SURFACE MT'D

CIRC. NO.	BREAKER AMP.	BREAKER POLE	REMARKS	WATT A	WATT B	WATT C
1	20	1	LIGHTING	3170		
2	50	3	SUBFEED PNL. 'LB'	3310		
3	20	1	LIGHTING		3170	
4					3170	
5	20	1	LIGHTING			4032
6						3170
7	20	1	SPARE			
8						
9						
10			SPACE			
11						
12						
TOTAL WATT:				6480	6340	7202

TOTAL CONNECTED LOAD: 20KW — MAX. AMP/Ø: 26 A

MAINS: 70A/3P CIRC. BRKR.

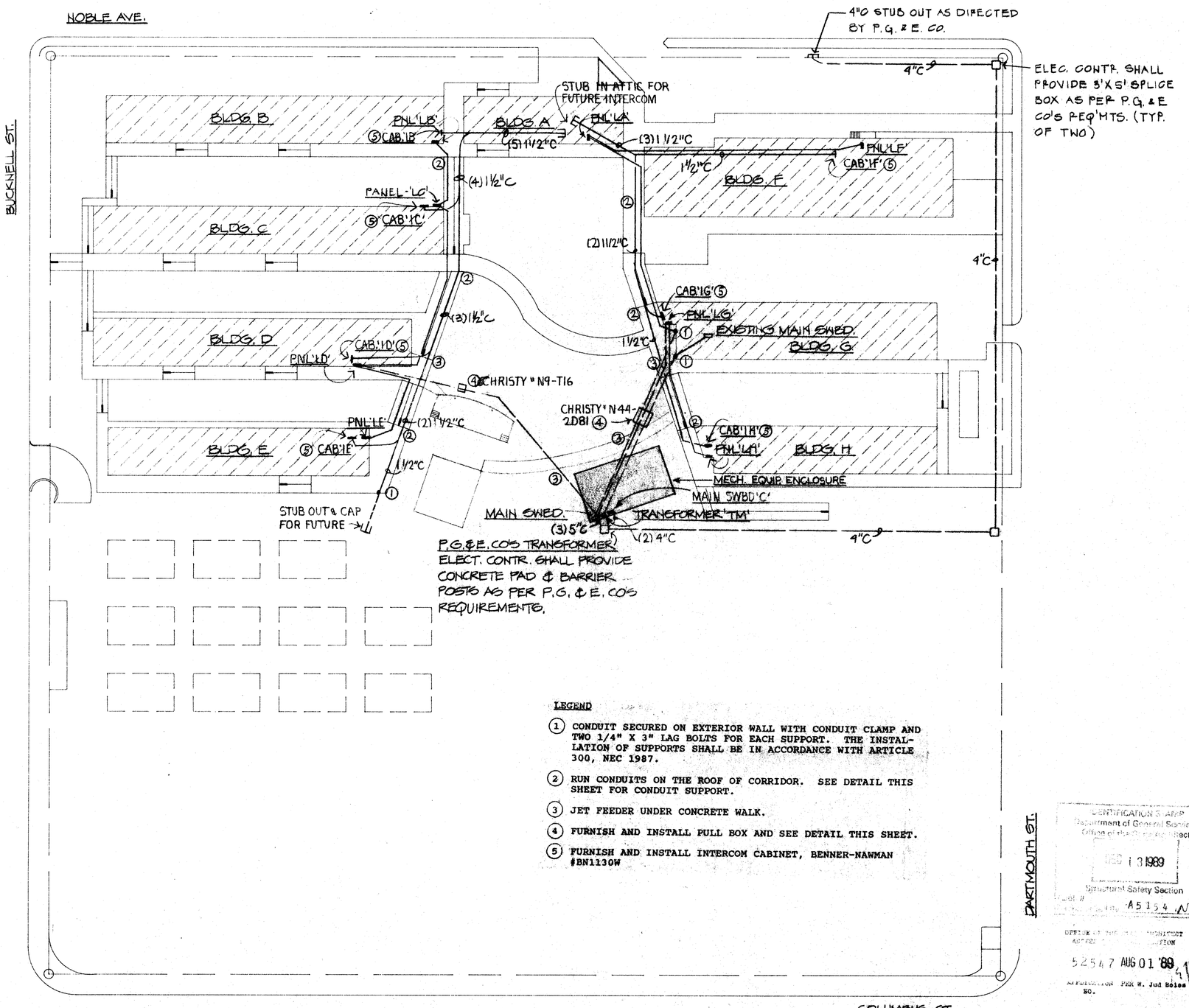
FEEDER: 1 1/4" C-4 # 4

GENERAL DEMOLITION NOTES:

1. REMOVE AND/OR RE-ROUTE AND RECONNECT ANY EXISTING CIRCUITS INTERRUPTED BY DEMOLITION WORK THAT MAY BE REQUIRED. ALL EXISTING EQUIPMENT THAT IS REMOVED SHALL BE RETURNED TO OWNER.
2. REMOVE AND/OR RE-ROUTE AND RECONNECT ANY EXISTING ELECTRICAL WORK WHICH INTERFERES WITH NEW CONSTRUCTION AS REQUIRED.
3. ALL CONDUITS SHALL BE CONCEALED. WHERE SPECIFICALLY PERMITTED ON JOB, CONDUIT MAY BE RUN EXPOSED AND SHALL BE INSTALLED IN A MANNER TO THE SATISFACTION OF THE ARCHITECT.
4. EXISTING ELECTRICAL OUTLET BOXES AND RACEWAYS, WHERE LOCATED TO BE OF VALUE FOR NEW CONSTRUCTION AND WHERE JUDGED IN GOOD CONDITION ON JOB BY THE ARCHITECT, MAY BE REFURBISHED AND REUSED.
5. INSTALL NEW CONDUCTORS WHENEVER EXISTING OUTLET BOXES ON RACEWAYS ARE USED. DO NOT USE EXISTING CONDUCTORS. MINIMUM WIRE SIZE SHALL BE #12 AWG CU UNLESS OTHERWISE NOTED.
6. REMOVE CONDUCTORS FROM ANY ABANDONED RACEWAY.
7. PATCH ANY EXISTING SURFACES WHICH ARE DAMAGED DURING CONSTRUCTION TO MATCH EXISTING ADJACENT SURFACES.

ELECTRICAL SYMBOL SCHEDULE

- FLUORESCENT FIXTURE.
- BRACKET LIGHT, WALL MOUNTED.
- (A) 4/40 DENOTES FIXTURE TYPE, LAMP NUMBER AND WATTAGE.
- SWITCH, SINGLE POLE +4'-0".
- 3-WAY SWITCH +4'-0".
- DUPLEX RECEPTACLE, WALL MOUNTED +12", UNLESS OTHERWISE NOTED 15A 3W.
- a/2 NUMBER ADJACENT TO SYMBOL INDICATES CIRCUIT NUMBER OUTLET TO BE WIRED ON. LETTER ADJACENT INDICATES XO BALLAST CONTROLLED BY DESIGNATED ATC CONTROL.
- JUNCTION BOX.
- FLOOR OUTLET.
- MOTOR OUTLET.
- DISCONNECT SWITCH.
- 15/30 FUSIBLE DISCONNECT SWITCH, NUMBER OF POLES AS REQUIRED. 15/30 DENOTES 15A TIME DELAY TYPE FUSES IN 30A DISCONNECT SWITCH.
- WIRES IN CONDUIT, CONCEALED IN WALL OR OVERHEAD.
- WIRES IN CONDUIT, CONCEALED UNDERGROUND.
- FLEXIBLE CONDUIT.
- NUMBER OF CROSSHATCHES INDICATES NUMBER OF 12 AWG WIRES IN CONDUIT IF MORE THAN TWO.
- DENOTES 1/2"C-3#12.
- DENOTES 1/2"C-4#12.
- DENOTES 3/4"C-5#12.
- A-2 HOMERUN OF CIRCUIT AND WIRING, CIRCUIT #2 TO PANEL 'A'.
- BUCK/BOOST TRANSFORMER.
- WP WEATHERPROOF.
- PLUG STRIP, SURFACE MOUNTED. RECEPTACLE SPACING 48"
- EXISTING ELECTRICAL DEVICE TO REMAIN.
- EXISTING ELECTRICAL DEVICE TO BE REMOVED, BLANK OFF OUTLET, AND PATCH WALL TO MATCH SURROUNDING.
- EXISTING LIGHT TO REMAIN.
- EXISTING LIGHT TO BE REMOVED, CUT CONDUIT FLUSH TO SURFACE, CAP CONDUIT, PATCH CEILING TO MATCH SURROUNDING.
- EXISTING WIREMOLD TO BE REMOVED.
- (E) DENOTES EXISTING.
- EXISTING CONDUIT TO BE REUSED. PULL NEW WIRES AS REQUIRED.
- DUPLEX RECEPTACLE 20A 3W.
- 4-WAY SWITCH + 4'-0".
- SWITCH AND BY-PASS KEY SWITCH FOR LIGHTING CONTROL.
- MOTOR STARTER & DISCONNECT SWITCH



LEGEND

1. CONDUIT SECURED ON EXTERIOR WALL WITH CONDUIT CLAMP AND TWO 1/4" X 3" LAG BOLTS FOR EACH SUPPORT. THE INSTALLATION OF SUPPORTS SHALL BE IN ACCORDANCE WITH ARTICLE 300, NEC 1987.
2. RUN CONDUITS ON THE ROOF OF CORRIDOR. SEE DETAIL THIS SHEET FOR CONDUIT SUPPORT.
3. JET FEEDER UNDER CONCRETE WALK.
4. FURNISH AND INSTALL PULL BOX AND SEE DETAIL THIS SHEET.
5. FURNISH AND INSTALL INTERCOM CABINET, BENNER-HANMAN #BN1130W

ELECTRICAL SITE PLAN

SCALE: 1" = 40'-0"

N

CERTIFICATION STAMP
Department of General Services
Office of State Architect
DEC 1 1 1989
Structural Safety Section
A5154 NP/LA
OFFICE OF THE STATE ARCHITECT
APPROVED
525 67 AUG 01 '89
APPROVED FOR W. Jud Selzer
BY:
STATE OF CALIFORNIA
SOUTHWEST REGION

RENFRO RUSSELL & ASSOCIATES
Architecture • Engineering • Interior Design/Space Planning
Donald W. Renfro AIA C 5283
Mark E. Russell AIA C 13726
4800 Stockdale Highway, Suite 304, Bakersfield, California 93309 (805) 327-7075

CONSULTANTS

EUGENE WU
CONSULTING ELECTRICAL ENGINEER
337 N. BLACKSTONE AVE., FRESNO, CALIF.
TELEPHONE (209) 264-4691

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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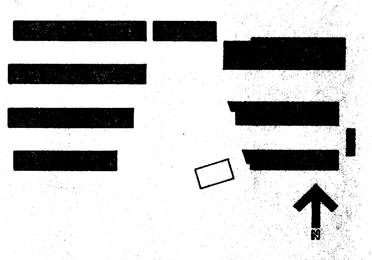


BAKERSFIELD CITY SCHOOL DISTRICT BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS
	1
	2
	3
	4

SHEET TITLE

SITE PLAN, ELECTRICAL

APPROVED/ARCHITECT Tommy W. Fuerton

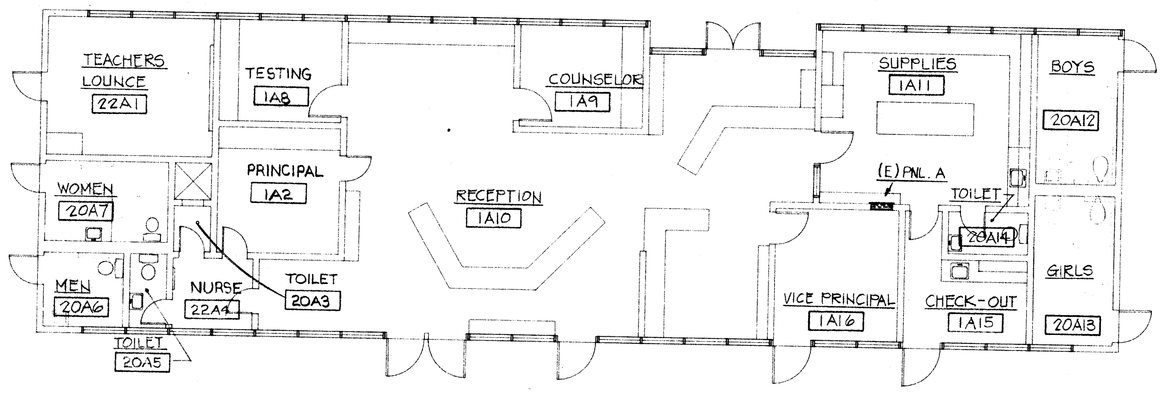
CHECKED EW DATE 8-1-89

DRAWN BY GK PROJECT NO. 86-216W

SHEET NUMBER 86216ME1940

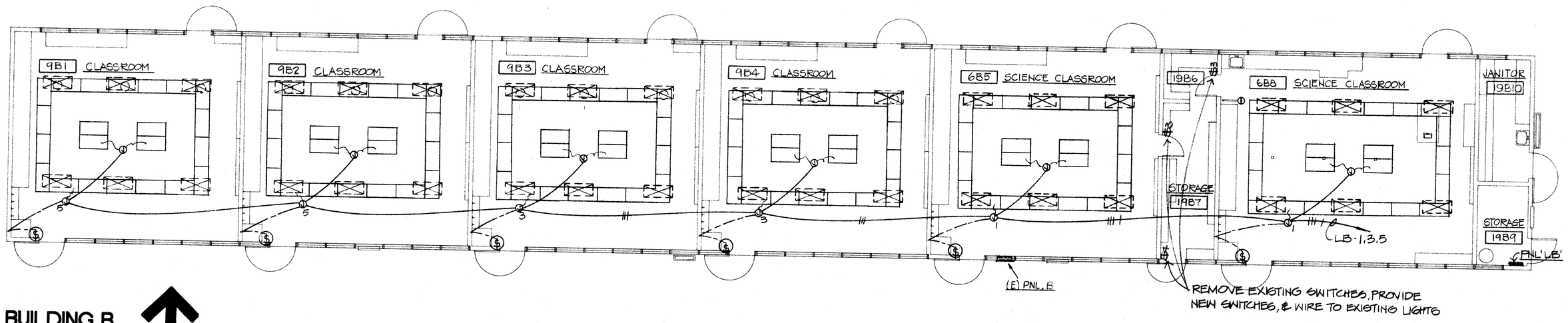
E-1

OF 8 SHEETS



BUILDING A

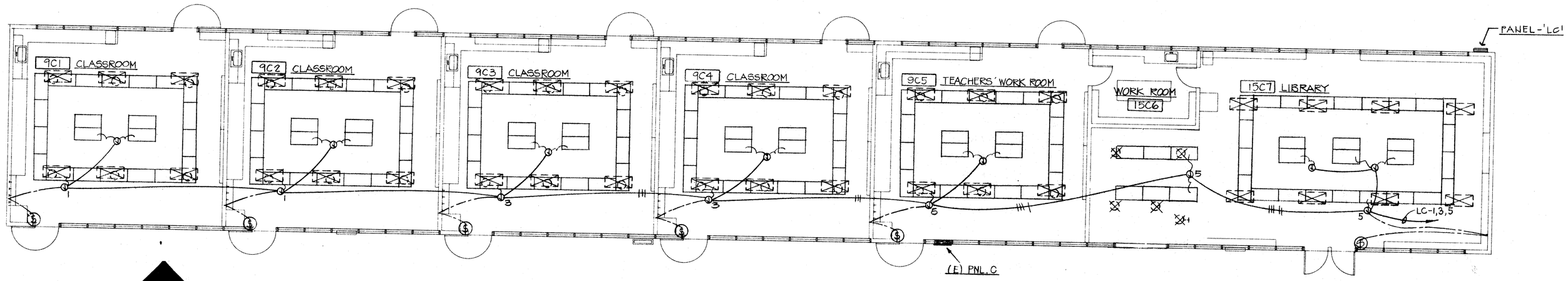
N



BUILDING B

N

NOTE
SEE SHEET E-4 FOR LIGHT FIXTURE TYPE.



BUILDING C

N

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Mark E. Russell AIA C 13726

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337 N. BLACKSTONE AVE., FRESNO, CALIF.
TELEPHONE (209) 264-4661

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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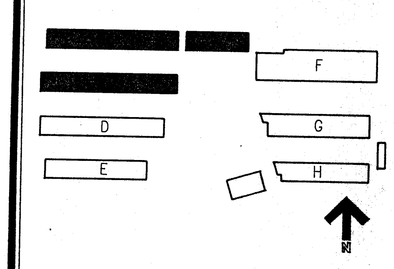
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
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DATE	REVISIONS

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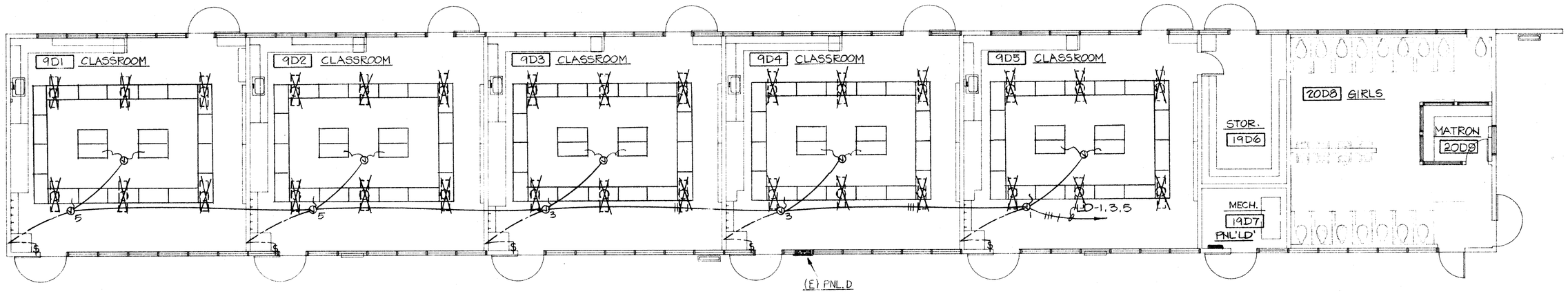
Department of General Services
Office of the State Architect
DEC 13 1989
Structural Safety Section
A51541 NPLA

SHEET TITLE
ELECTRICAL LIGHTING PLANS BUILDINGS A,B,C

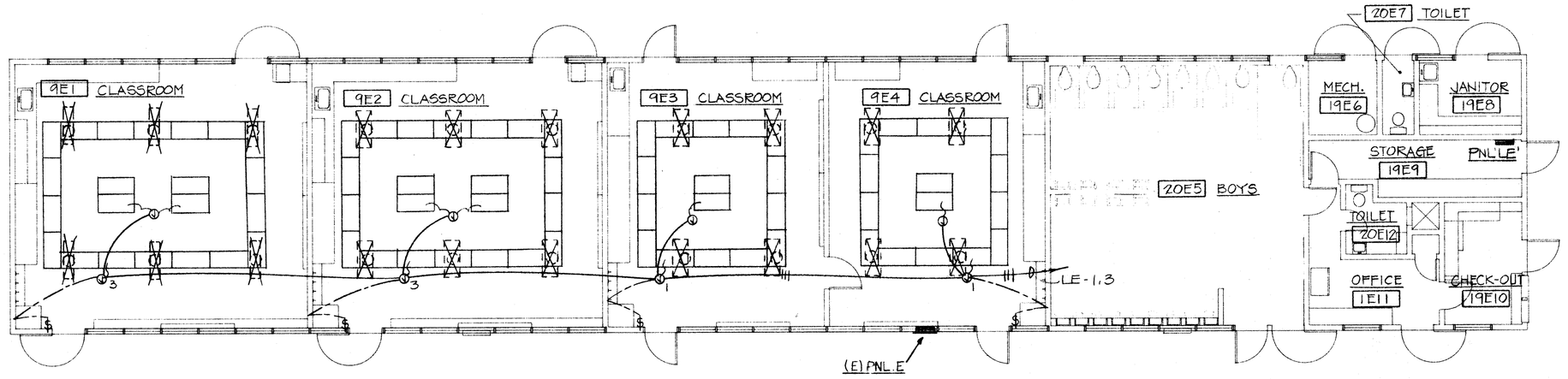
APPROVED/ARCHITECT Tommy Preston
CHECKED EW DATE 8-1-89
DRAWN BY GK PROJECT NO. 86-216W

SHEET NUMBER 86216ME23A8
E-2
OF 8 SHEETS



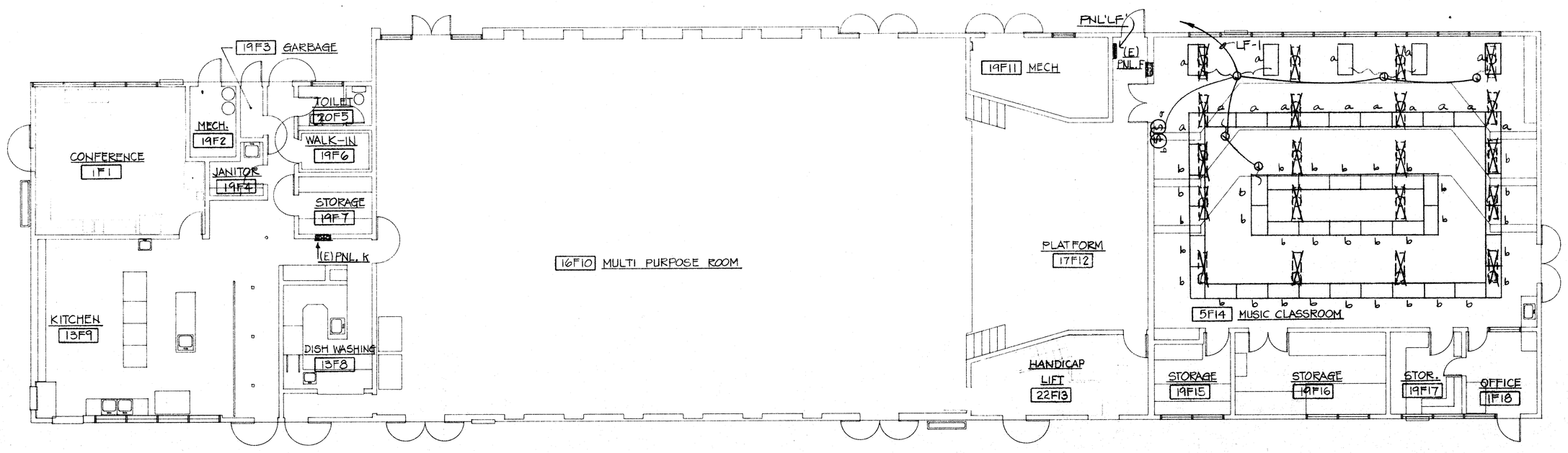
BUILDING D

N



BUILDING E

N



BUILDING F

N

ELECT. PANEL-LD — 277/480V 3Ø 4W SURF. MTD.

CIRC. NO.	BREAKER AMP.	BREAKER POLE	REMARKS	WATT A	WATT B	WATT C
1	20	1	LIGHTING	1580		
2	50	3	SUBFEED PNL. 'LE'	2300		
3	20	1	LIGHTING		3170	
4	—	—	—		3170	
5	20	1	LIGHTING			3170
6	—	—	—			
7	70	3	SUBFEED PNL. 'LC'	6480		
8	20	1	SPARE			
9	—	—	—		6340	
10	20	1	SPARE			
11	—	—	—			7202
12			SPACE			
13						
14						
15						
16						
17						
18						
TOTAL WATT:				10360	12680	10372

TOTAL CONNECTED LOAD: 33KW — MAX. AMP/Ø: 46A
MAINS: 100A/3P CIRC. BRKR.
FEEDER: 1½"C - 4#2 (CU THW)

ELECT. PANEL-LE — 277/480V 3Ø 4W SURF. MTD.

CIRC. NO.	BREAKER AMP.	BREAKER POLE	REMARKS	WATT A	WATT B	WATT C
1	20	1	LIGHTING	2300		
2			SPARE			
3			LIGHTING		3170	
4			SPACE			
5						
6						
7						
8						
9						
10						
11						
12						
TOTAL WATT:				2300	3170	

TOTAL CONNECTED LOAD: 6KW — MAX. AMP/Ø: 11A
MAINS: 50A/3P CIRC. BRKR.
FEEDER: 1"C - 4#8 (CU THW)

ELECT. PANEL-LF — 277/480V 3Ø 4W SURF. MTD.

CIRC. NO.	BREAKER AMP.	BREAKER POLE	REMARKS	WATT A	WATT B	WATT C
1	20	1	LIGHTING	3530		
2	40	3	A.C. UNIT 15.5A	4290		
3	40	3			4290	
4	—	—			4290	
5	—	—				4290
6	—	—				4290
7	—	—		4290		
8	40	3		4290		
9	40	3			4290	
10	—	—			4290	
11	—	—				4290
12	—	—				4290
13	—	—		4290		
14	20	2	A.C. UNIT 7A	1940		
15	20	3	A.C. UNIT 2HP		940	
16	—	—			1940	
17	—	—				940
18	20	1	SPARE			1940
19	—	—		940		
20	20	1	SPARE			
21						
22						
23						
24						
TOTAL WATT:				22430	20040	18100

TOTAL CONNECTED LOAD: 61 KW — MAX. AMP/Ø: 86A
MAINS: 150A/3P CIRC. BRKR.
FEEDER: 2"C - 4#1/0 (CU THW)

NOTE
SEE SHEET E-4 FOR LIGHT FIXTURE TYPE.

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NPIA

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PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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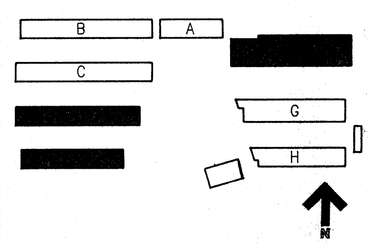
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS

SHEET TITLE
ELECTRICAL LIGHTING PLANS BUILDINGS D,E,F

APPROVED/ARCHITECT
CHECKED EW
DRAWN BY GK
DATE 12-1-89
PROJECT NO. 86-216W

SHEET NUMBER 86216ME23B8

E-3

OF 8 SHEETS

ELECTRICAL PANEL · LG

277/480V 3Ø 4W SURF. MTD.

CIRC. NO.	BREAKER AMP.	BREAKER POLE	REMARKS	WATT A	WATT B	WATT C
1	20	1	LIGHTS	4180		
2	↓	↓	SPARE			
3	↓	↓	LIGHTS		4080	
4	20	3	AC UNIT 3HP		1320	
5	20	3	AC UNIT 1½HP			720
6	—	—				1320
7	—	—		720		
8	—	—		1320		
9	—	—			720	
10	50	3	SUBFEED PNL'LH'		5260	
11	20	1	SPARE			
12	—	—				1660
13	20	1	SPARE			
14	—	—		3820		
15			SPACE			
16						
17						
18						
TOTAL WATT:				10080	11340	3710

TOTAL CONNECTED LOAD: 25 KW MAX. AMP/Ø: 41 A

MAINS: 70A/3P CIRC. BRKR.

FEEDER: 1½"C - 4#4 (CU THW)

ELECTRICAL PANEL · LH

277/480V 3Ø 4W SURF. MTD.

CIRC. NO.	BREAKER AMP.	BREAKER POLE	REMARKS	WATT A	WATT B	WATT C
1	20	1	LIGHTS	2160		
2	↓	↓	SPARE			
3	↓	↓	LIGHTS		3600	
4	20	3	AC UNIT 1½HP		720	
5	20	3	AC UNIT 2 HP			940
6	—	—				720
7	—	—		940		
8	—	—		720		
9	—	—			940	
10	20	1	SPARE			
11						
12	↓	↓				
13			SPACE			
14						
15						
16						
17						
18						
TOTAL WATT:				3820	5260	1660

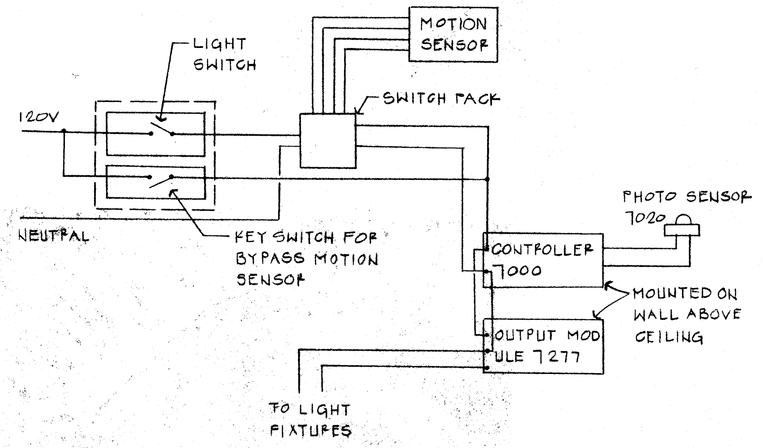
TOTAL CONNECTED LOAD: 11 KW MAX. AMP/Ø: 20A

MAINS: 50A/3P CIRC. BRKR.

FEEDER: 1"C - 4#8 (CU THW)

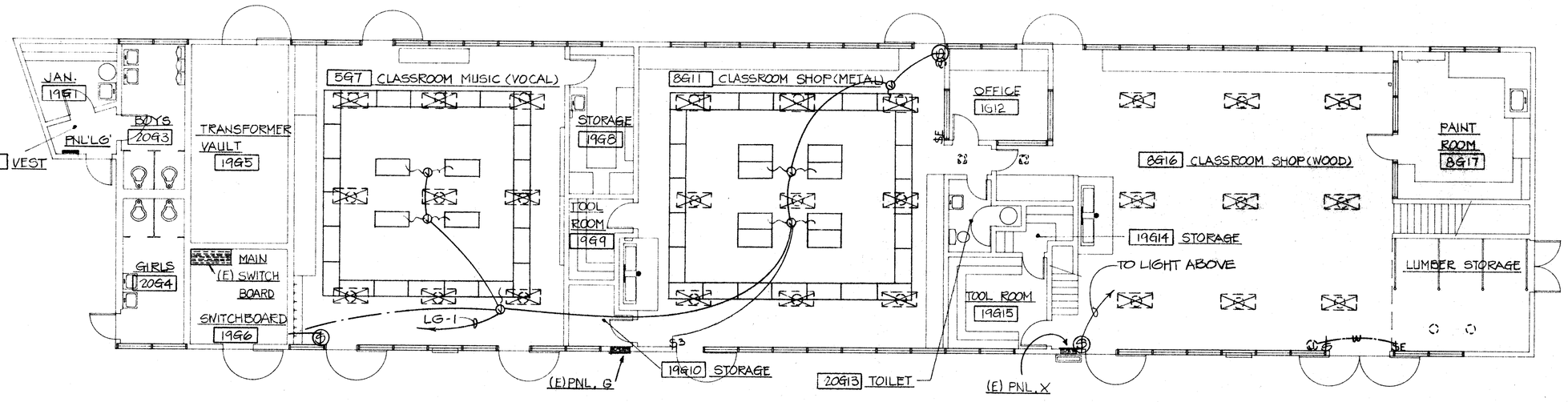
LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMPS	MOUNTING	LOCATION
A	LITHONIA #2SPQ240PWA12-126-277ES	2 F42 T12/RS	RECESSED	CLASSROOM
B	MARCO #BW2	GOW A	WALL +8'-0"	MECH. EQUIP ENCLOSURE



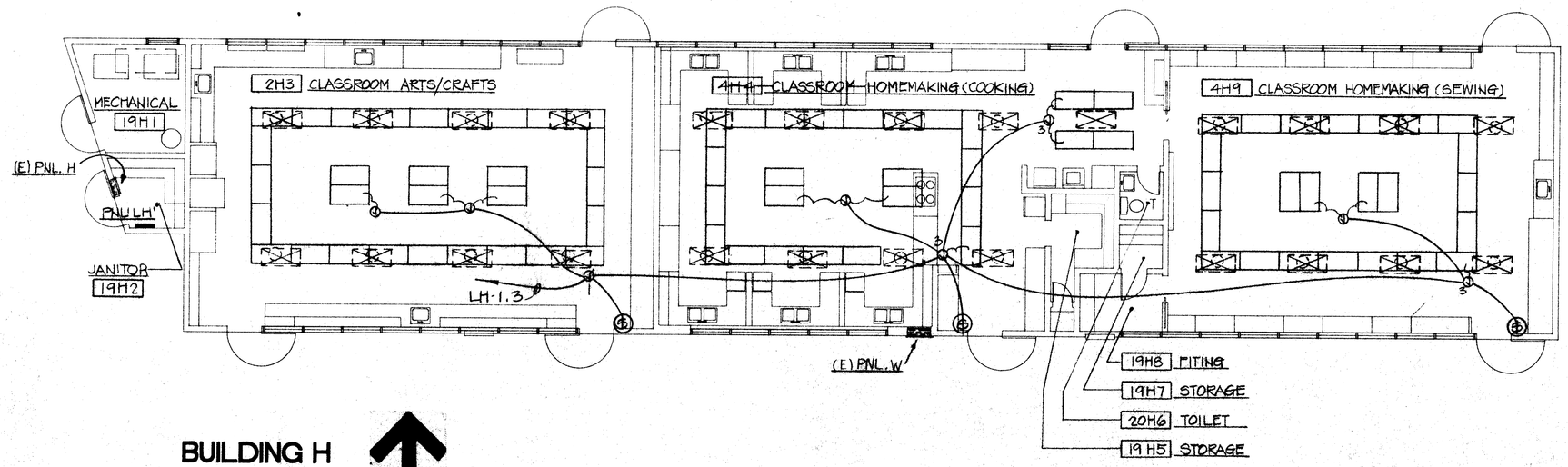
TYPICAL LIGHTING CONTROL WIRING

NO SCALE



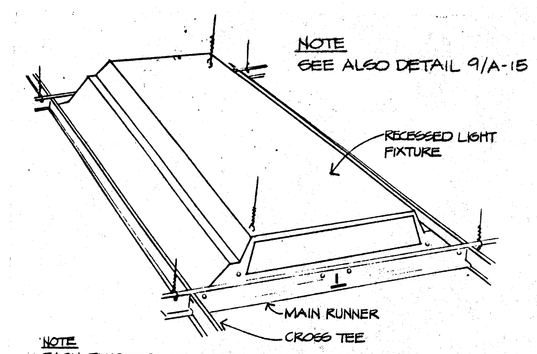
BUILDING G

N



BUILDING H

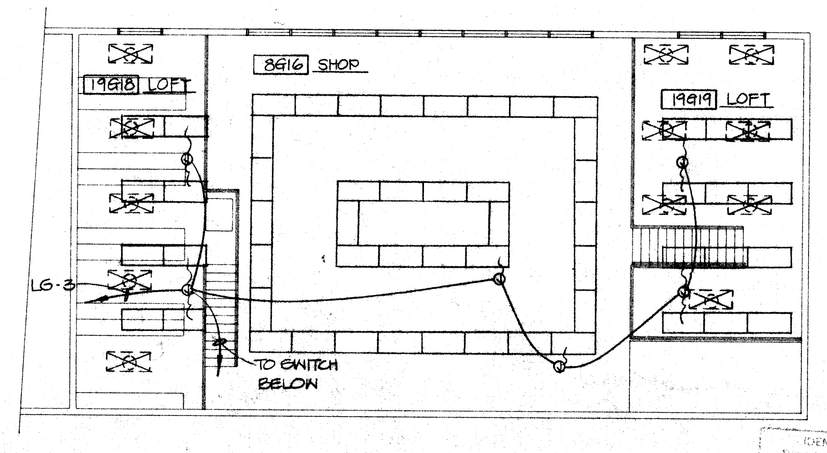
N



NOTE
EACH FLUORESCENT FIXTURE SHALL BE SUSPENDED INDEPENDENTLY OF THE CEILING STRUCTURE WITH MINIMUM OF TWO SLACK #12 GA. WIRES, ONE AT OPPOSITE CORNER OF FIXTURE.

TYP. RECESSED FLUOR. FIXTURE MTG. DET.

NO SCALE



BUILDING G LOFT

N

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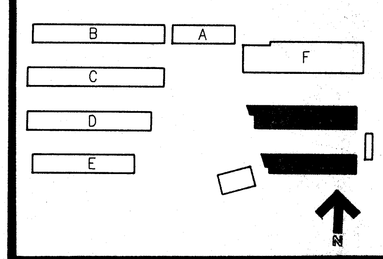

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	2
	3
	4

SHEET TITLE

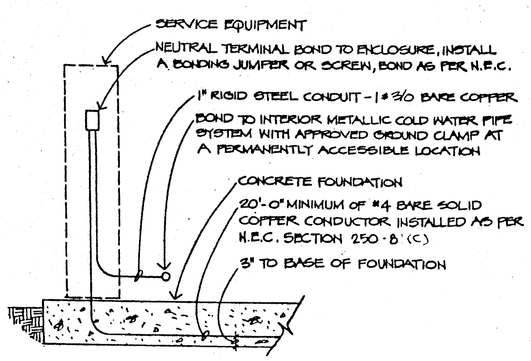
ELECTRICAL LIGHTING PLANS BUILDINGS G,H

APPROVED/ARCHITECT
CHECKED EW
DRAWN BY GK
DATE 8-1-89
PROJECT NO. 86-216W

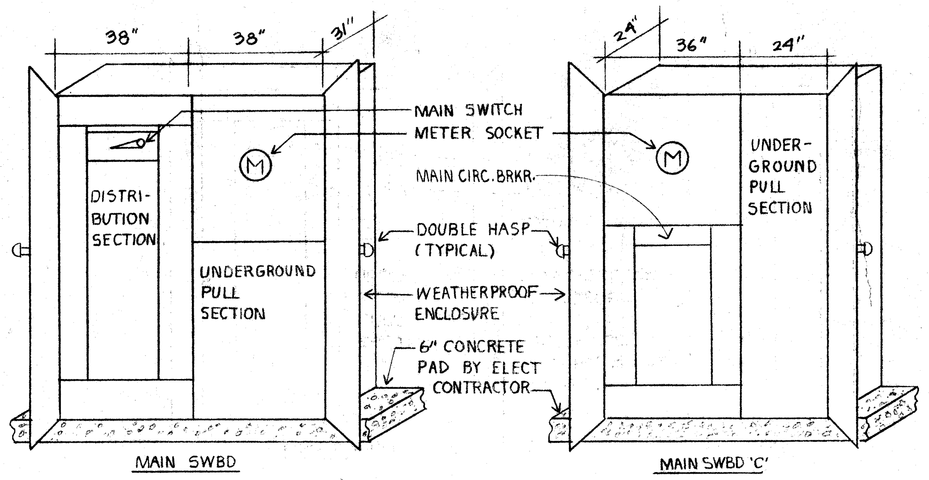
SHEET NUMBER 86216ME23C8

E-4

OF 8 SHEETS

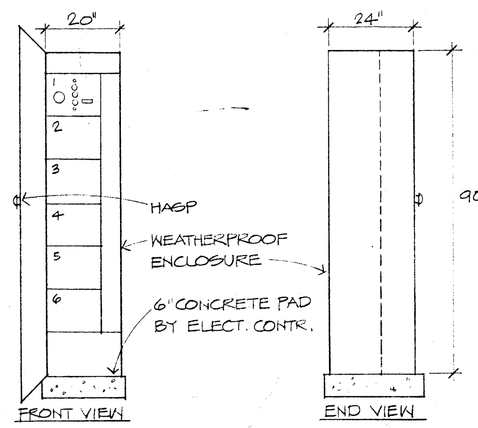


CONCRETE-ENCASED GROUND DETAIL
NO SCALE

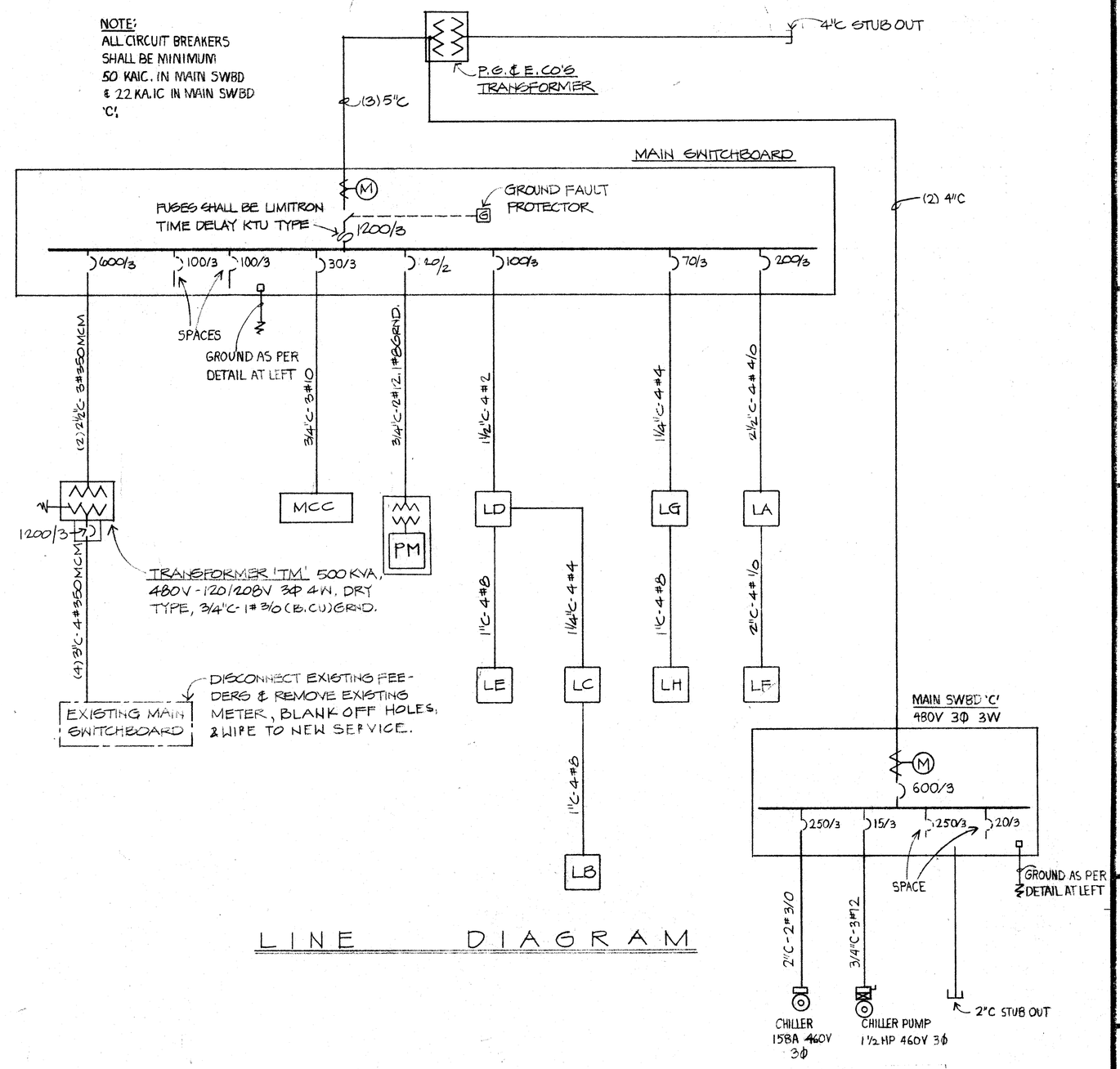


MAIN SWITCHBOARD DETAILS
SCALE: 1/2" = 1'-0"

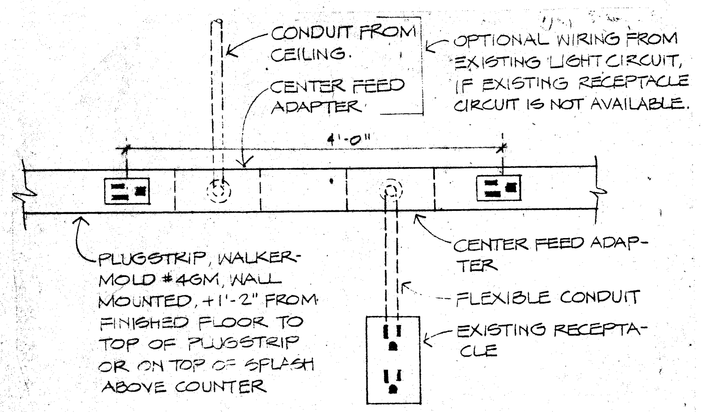
MOTOR CONTROL CENTER (MCC) SCHED.							
CIR. No.	LOAD	HP	FUSIBLE SWITCH		MOTOR STARTER		FLA
			SIZE	FUSES	SIZE	TYPE	
1	SYSTEM PUMP	3	30	8	0	FVNR	4.0
2	↓	3	30	8	↓	↓	4.0
3	HOT WATER PUMP	3/4	30	2 1/2	↓	↓	1.4
4	↓	3/4	30	2 1/2	↓	↓	1.4
5	ICE BUILDER PUMP	1 1/2	30	4	↓	↓	2.6
6	SPACE						



MOTOR CONTROL CENTER DETAIL
SCALE: 1/2" = 1'-0"



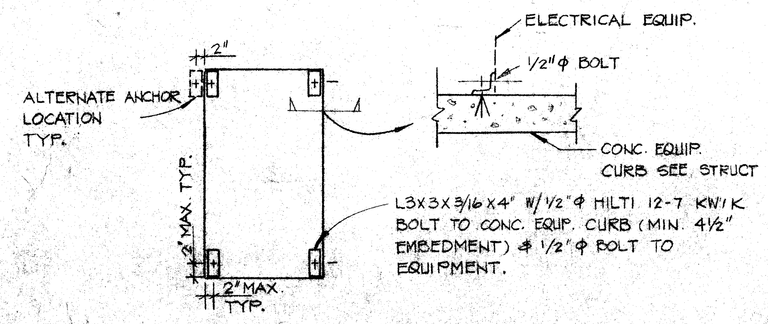
LINE DIAGRAM



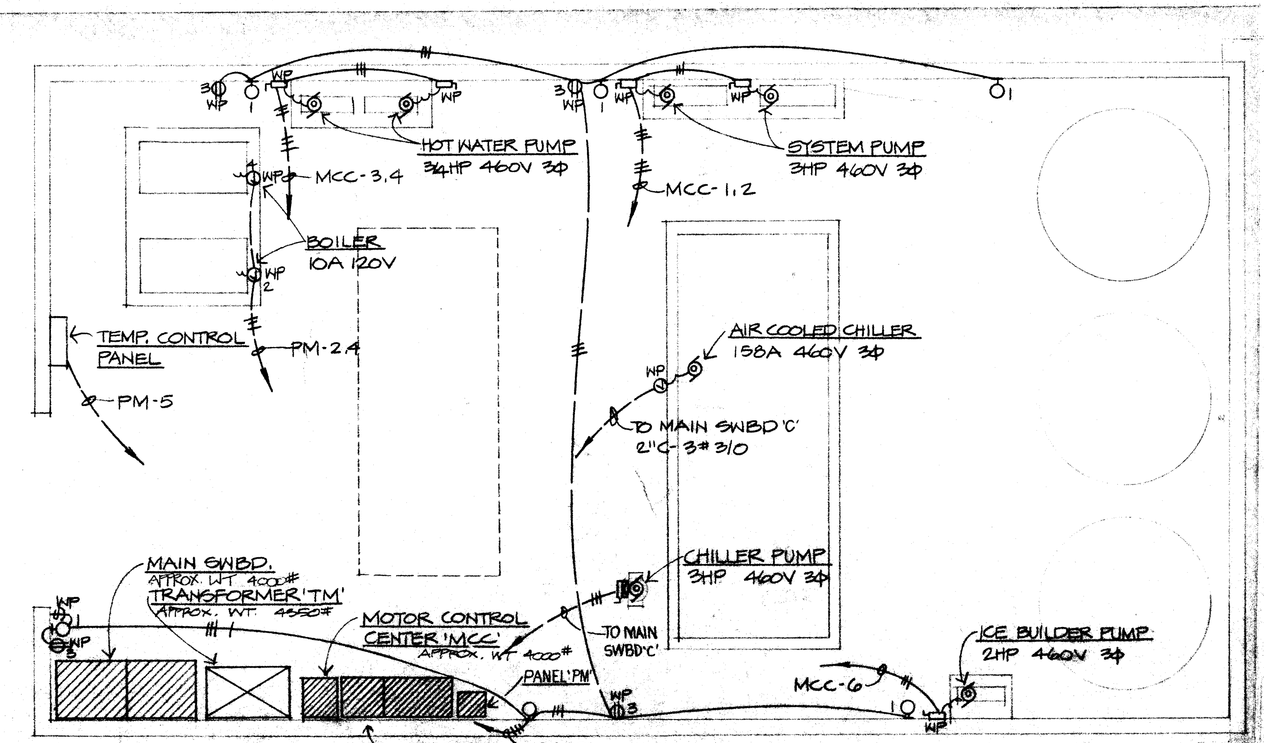
TYPICAL PLUGSTRIP INSTALLATION
NO SCALE
NOTE: PLUGSTRIP IN FRONT & SIDE OF THE CLASSROOM SHALL BE WIRED ON TWO EXISTING DEDICATED CIRCUITS, AND THE PLUGSTRIP ABOVE THE COUNTER ON ONE. PLUGSTRIP SHALL BE PAINTED AS NOTED IN SPECIFICATION SECTION 09900.

ELECT. PANEL - PM	120/240V 1Φ 3W SURF. MT'D ON WALL				
CIRC. NO.	BRKR. AMP	BRKR. POLE	REMARKS	WATT A	WATT C
1	40		LIGHTS	600	
2			BOILER	1200	
3			DUPLEX RECEPTACLES		800
4			BOILER		1200
5			TEMP. CONTROL PNL.	700	
6			SPARE		
7					
8					
9					
10					
TOTAL WATT:				2000	2000
TOTAL CONN. LOAD: 4 KW MAX. AMP/Φ: 17A					
MAINS: 20/2 CIRC. BRKR.					
FEEDER: SEE LINE DIAGRAM					

PANEL 'PM' SHALL BE A PACKAGED POWER SUPPLY, 480V - 120/240V 1Φ 3W, 5 KVA, SQ.D. # MP256 40F.



ELECTRICAL EQUIPMENT ANCHORAGE DETAIL
NO SCALE



ELECTRICAL FLOOR PLAN • MECH. EQUIP. ENCLOSURE
SCALE: 1/4" = 1'-0"

NOTE: SEE ELECTRICAL EQUIPMENT ANCHORAGE DETAIL AT LEFT FOR TWO MAIN SWBD*, TRANSFORMER 'TM', & MOTOR CONTROL CENTER MOUNTING

*EACH UNIT

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DEC 13 1989
Structural Safety Section
Checked by A51547 N/A

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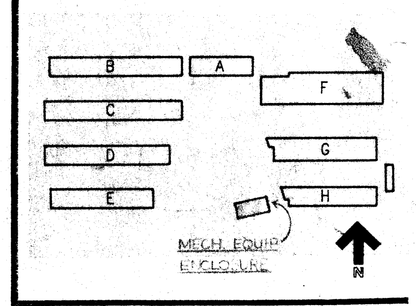
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

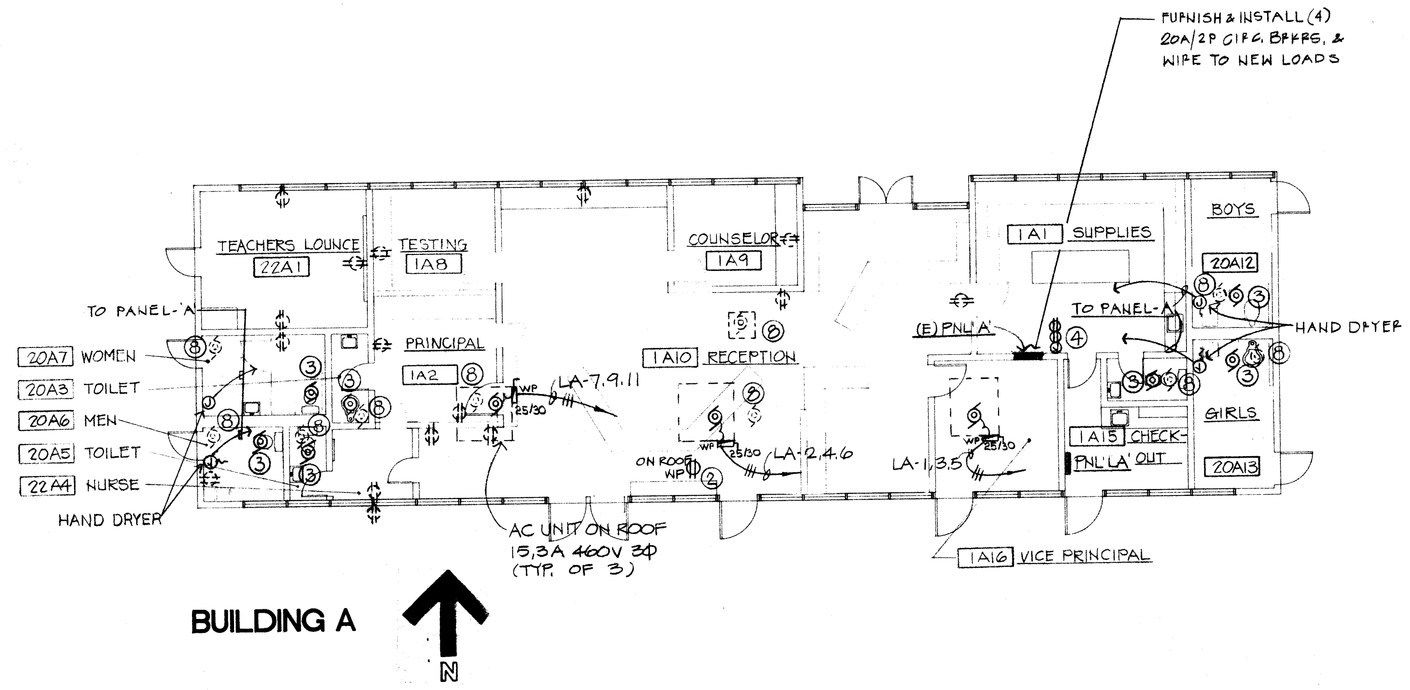
DATE	ISSUED FOR
9-3-91	BIDDING

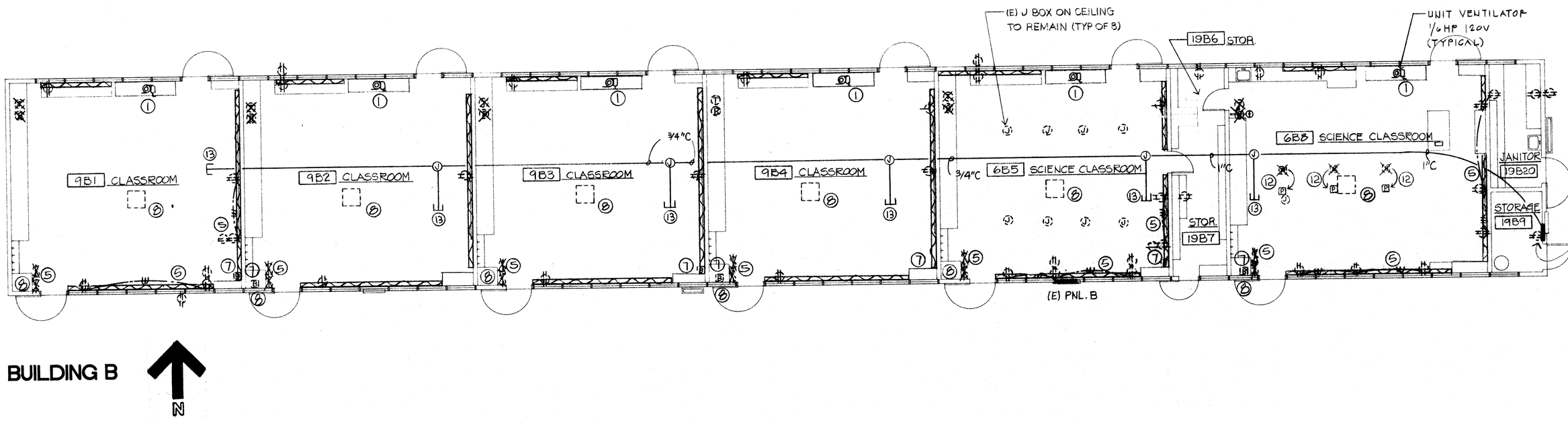
DATE	REVISIONS

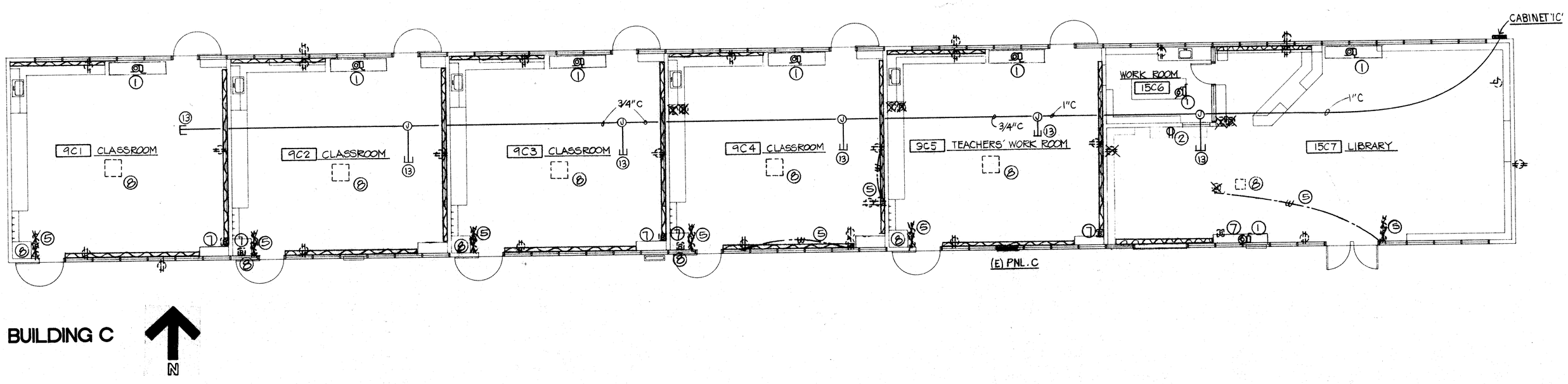
SHEET TITLE
MECHANICAL EQUIPMENT ENCLOSURE, ELECT. FLOOR PLAN

APPROVED/ARCHITECT Terrence L. Preston
CHECKED EW DATE 9-3-91
DRAWN BY GK PROJECT NO. 86-216W

SHEET NUMBER 86216CA23M48
E-5
OF 8 SHEETS







LEGEND

1. WIRE TO ONE SPARE 20A/1P CIRCUIT IN EXISTING PANEL.
2. WIRE TO THE NEAREST RECEPTACLE CIRCUIT.
3. EXHAUST FAN SWITCHED WITH LIGHT IN ROOM.
4. PROVIDE TWO RECEPTACLES, AND A J-BOX FOR 'EMS' AND WIRE TO ONE SPARE 20A/1P CIRCUIT IN EXISTING PANEL.
5. REMOVE EXISTING SWITCHES, EXPOSED RACEWAY, PATCH AND PAINT WALLS TO MATCH SURROUNDING.
6. REMOVE EXISTING RECEPTACLE, RELOCATE RECEPTACLE INSIDE CABINET AND WIRE TO EXISTING CIRCUIT.
7. RELOCATE EXISTING BURGLAR SENSOR AFTER NEW CEILING INSTALLED AND WIRE TO EXISTING SYSTEM.
8. DISCONNECT EXISTING MECHANICAL UNIT AND ABANDON FEEDER, PATCH AND PAINT WALL OR CEILING TO MATCH SURROUNDING.
9. EXISTING RECEPTACLE INSIDE CABINET TO REMAIN.
10. WIRE RECEPTACLE INSIDE CABINET TO PLUGSTRIP WITH FLEXIBLE CONDUIT.
11. WIRE TO RELAYS FOR CONTROL.
12. RELOCATE AND EXTEND EXISTING DROP CORD AND CIRCUIT.
13. 3/4"C STUB IN ATTIC FOR FUTURE INTERCOM

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Donald W. Renfro AIA C 5283
Mark E. Russell AIA C 13726

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EUGENE WU E7356
CONSULTING ELECTRICAL ENGINEER
327 N. BLACKSTONE AVE., FRESNO, CALIF.
TELEPHONE (209) 264-4681

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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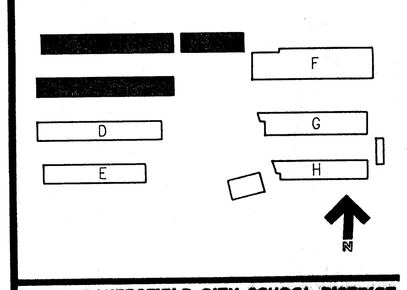

BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

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DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS

SHEET TITLE

ELECTRICAL POWER AND SIGNAL BUILDINGS A,B,C

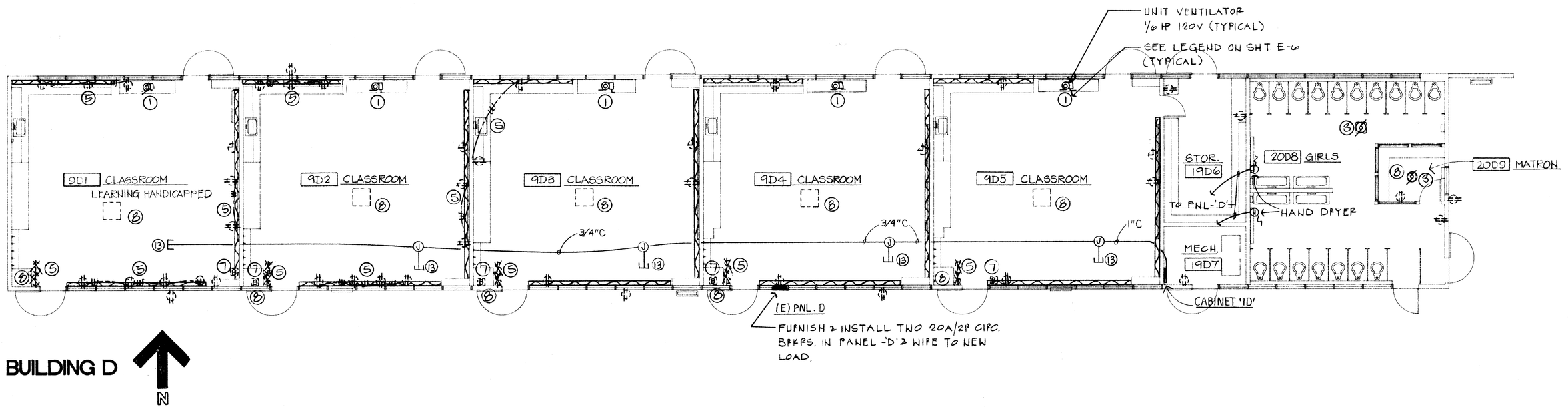
APPROVED/ARCHITECT
CHECKED E.W.
DRAWN BY G.K.
DATE 8-1-89
PROJECT NO. 86-216 IN

SHEET NUMBER 86216ME23A96

E-6

OF 8 SHEETS

STATE FIRE MARSHAL APPROVED
IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
DEC 1 3 1989
Structural Safety Section



BUILDING D

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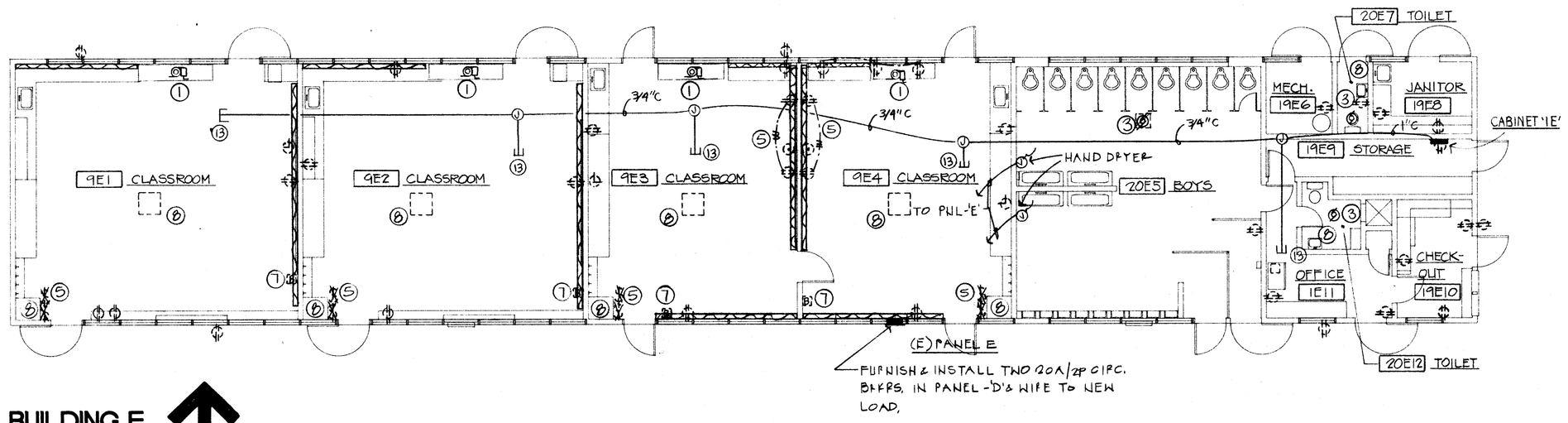

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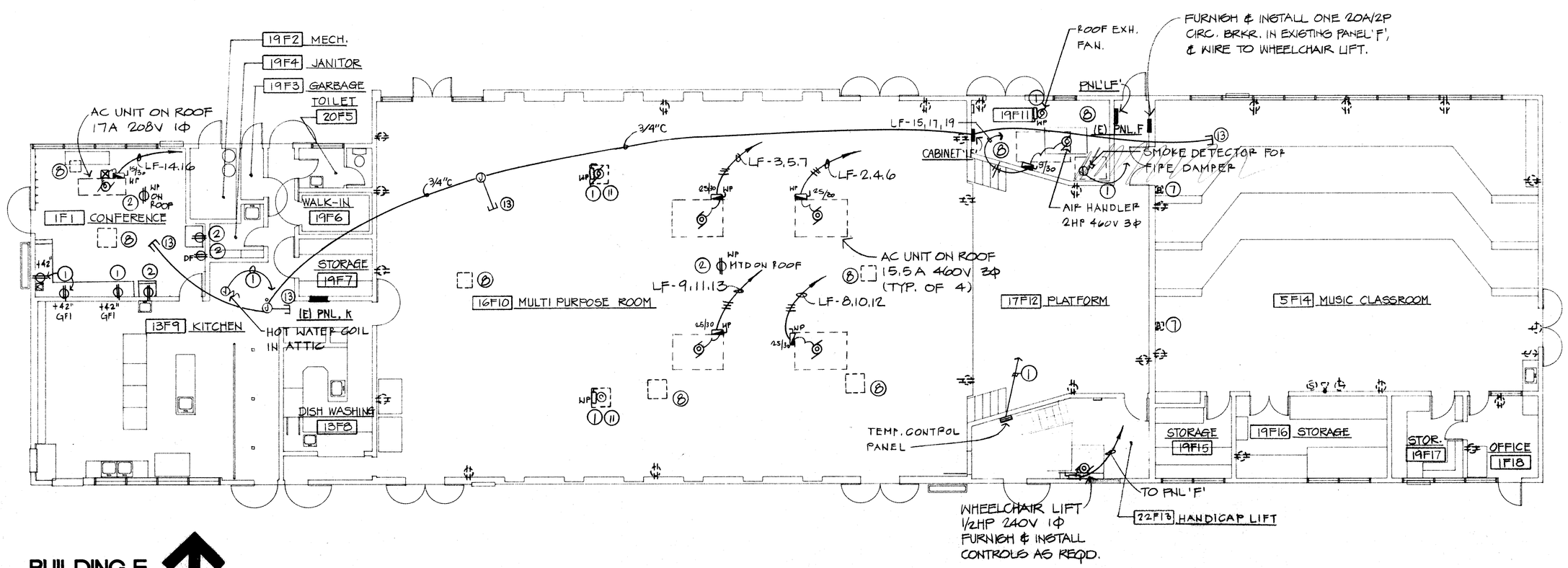

BUILDING F

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NOTE
SEE SHEET E-6 FOR LEGEND.

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Donald W. Renfro AIA C 5283
Mark E. Russell AIA C 13726

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CONSULTANTS

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TELEPHONE (209) 264-4681

PROJECT

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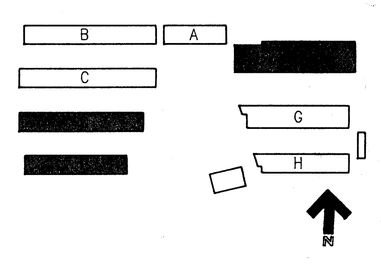

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9-3-91	BIDDING

DATE	REVISIONS

SHEET TITLE

ELECTRICAL POWER AND SIGNAL BUILDINGS D,E,F

APPROVED/ARCHITECT
CHECKED EW DATE 8-1-89
DRAWN BY G.K. PROJECT NO. 86-216 W

SHEET NUMBER 86216ME23B96

E-7

OF 8 SHEETS

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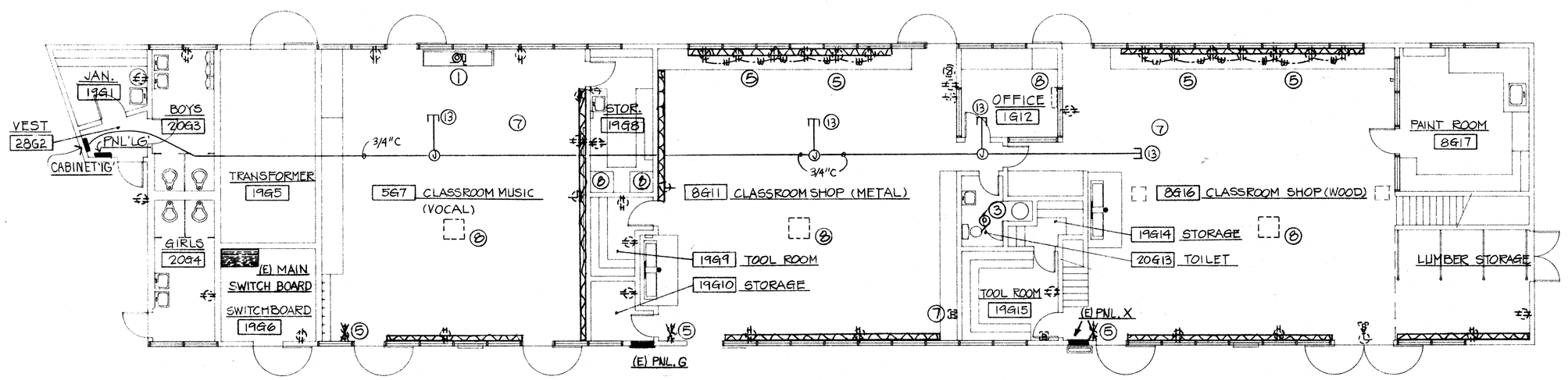
General Safety Section



BUILDING G

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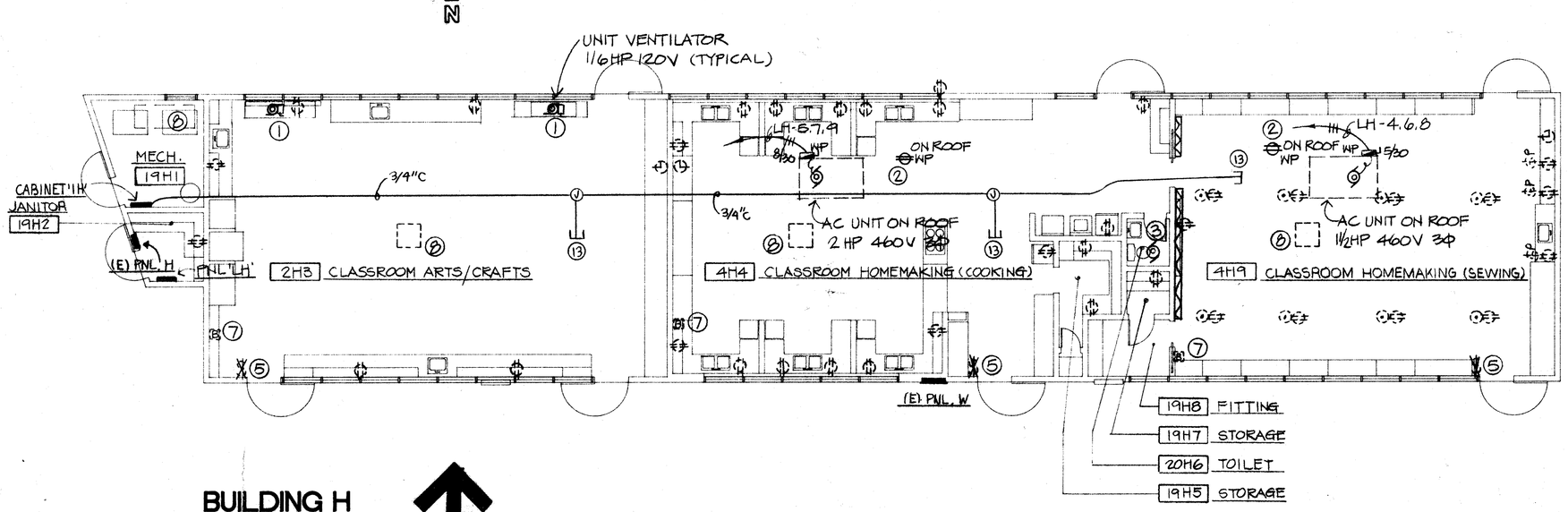

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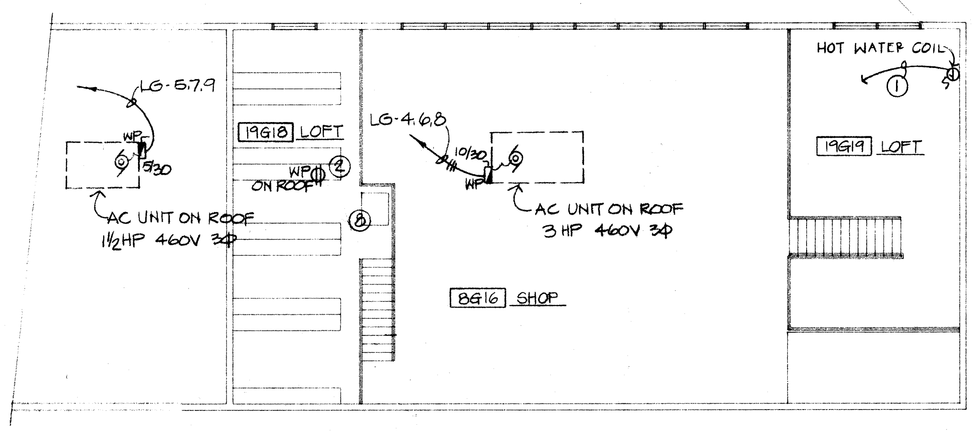

BUILDING G LOFT

N

NOTE
SEE SHEET E-6 FOR LEGEND.

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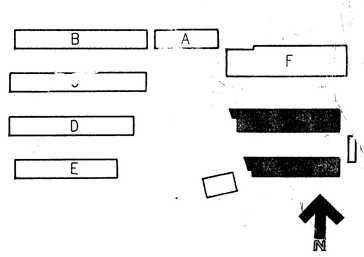

BAKERSFIELD CITY SCHOOL DISTRICT
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SHEET TITLE

ELECTRICAL POWER AND SIGNAL BUILDINGS G,H

APPROVED/ARCHITECT Tommy W. Sheriton
CHECKED E.W. DATE 8-1-89
DRAWN BY G.K. PROJECT NO. 86-216W

SHEET NUMBER 86216ME23C96

E-8

OF 8 SHEETS

IDENTIFICATION STAMP
Department of General Services
Office of Structural Safety
3 1989
Structural Safety Section
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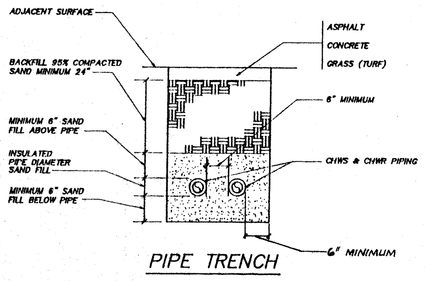
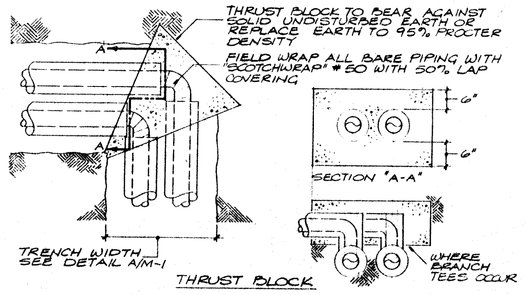
NRTCA
STATE OF CALIFORNIA
DEPARTMENT OF GENERAL SERVICES
OFFICE OF STRUCTURAL SAFETY



DETAIL
SCALE NONE
A / M-1



DETAIL
NO SCALE
B / M-1

THRUST BLOCK TO COMPLETELY ENCLOSE UNINSULATED PIPING. THRUST BLOCKS ARE REQUIRED AT EVERY CHANGE IN DIRECTION AND AT ALL BRANCH TALE-OFFS.

GENERAL NOTES:

1. SPECIFICALLY OMITTED FROM THE SERVICES OF JOHN FRANK MITCHELL, INC., ARE ALL DESIGN AND CONSTRUCTION REVIEW SERVICES RELATING TO THE CONTRACTOR'S SAFETY PRECAUTIONS OR TO MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES REQUIRED FOR THE CONTRACTOR TO PERFORM HIS WORK, BUT NOT RELATING TO THE FINAL OR COMPLETED STRUCTURE: OMITTED SERVICES INCLUDE BUT ARE NOT LIMITED TO SHORING, SCAFFOLDING, UNDERPINNING, TEMPORARY RETAINMENT OF EXCAVATIONS, ANY ERECTION METHODS AND BRACING.

2. CONTRACT DRAWINGS FOR THE EXISTING FACILITY ARE ON FILE AT THE OFFICE OF THE ARCHITECT, RENFRO RUSSELL & ASSOCIATES, FOR THE PURPOSE OF MANDATORY REFERENCE BEFORE SUBMITTING BID. CONTRACTOR SHALL VISIT THE JOBSITE AND INSPECT THE EXISTING CONDITIONS AND, BASED ON THE REVIEWED SITE CONDITIONS AND REFERENCED DRAWINGS, MAKE THE MODIFICATIONS AND EXTENSIONS TO THE EXISTING SYSTEMS AS GENERALLY DELINEATED. NO CLAIM FOR EXTRA SUMS WILL BE ALLOWED DUE TO THE CONTRACTOR'S FAILURE TO PROPERLY EXAMINE THE SITE AND REFERENCED DRAWINGS.

3. ALL MECHANICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

FIXED EQUIPMENT ON GRADE	22% OF OPERATING WEIGHT
FIXED EQUIPMENT ON STRUCTURE	33% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON GRADE	33% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON STRUCTURE	50% OF OPERATING WEIGHT

FOR FLEXIBLE MOUNTED EQUIPMENT USE 2 X THE ABOVE VALUES.
SIMULTANEOUS VERTICAL FORCE - USE 1/3 X HORIZONTAL FORCE.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.

4. CONFIRM EXACT LOCATION OF ALL ROOF MOUNTED EQUIPMENT WITH STRUCTURAL DRAWINGS. ALL MECHANICAL EQUIPMENT SUPPORT FRAMES WHETHER OR NOT ON ROOF AND ERECTED BY SPECIFICATION SECTION 15800 AND SHALL BE DONE SO IN ACCORDANCE WITH SPECIFICATION SECTION 05120, STRUCTURAL STEEL. SUBMIT SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE BEFORE FABRICATION.

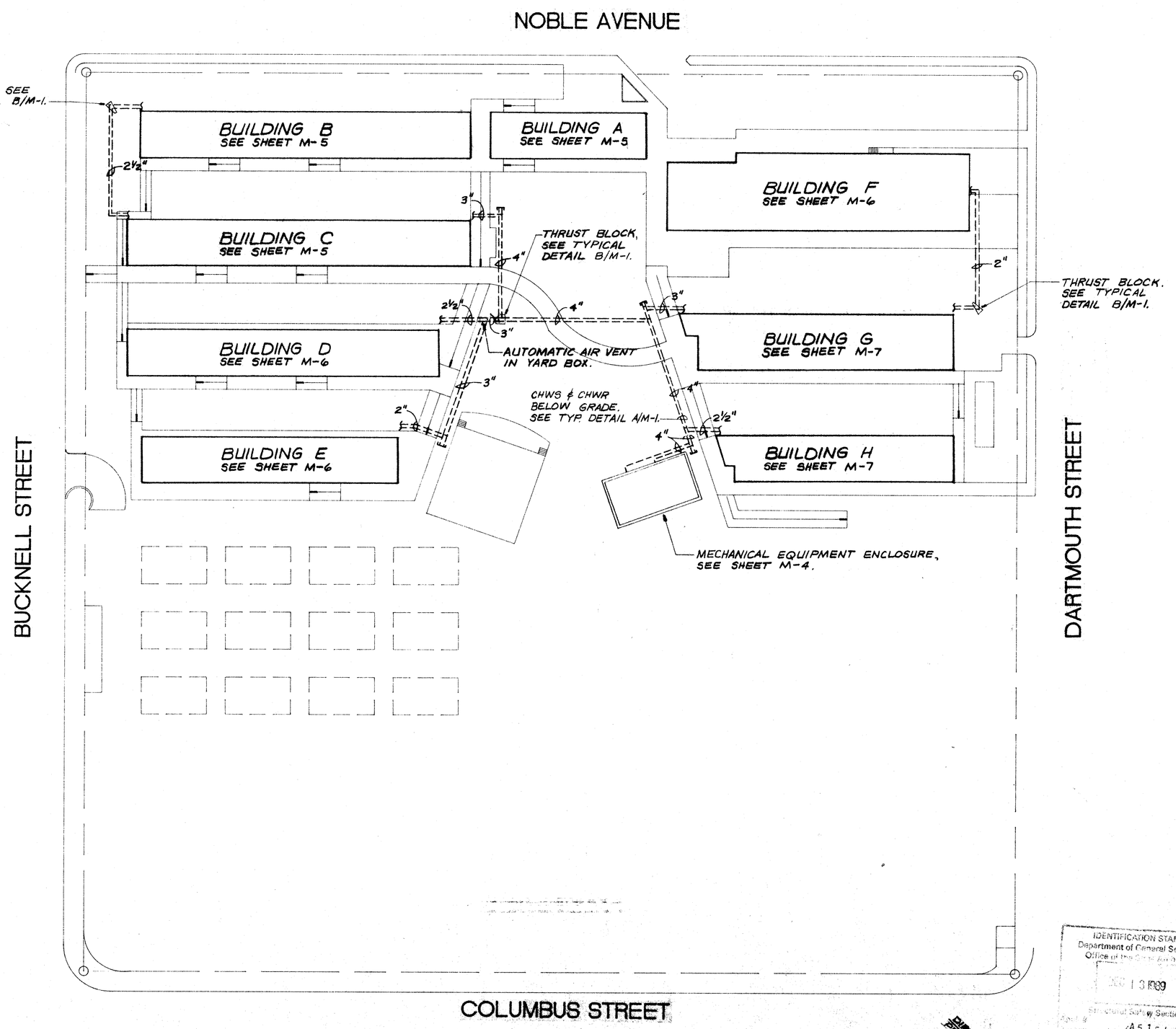
5. ANY CUTTING, DRILLING, CORING OR SAW CUTTING OF EXISTING CONSTRUCTION ELEMENTS TO BE DONE ONLY WHEN SO DETAILED IN DRAWINGS OR APPROVED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND BY THE OSA REPRESENTATIVE.

AIR CONDITIONING LEGEND

SYMBOL	ITEM	ABBR.	SYMBOL	ITEM	ABBR.
	DUCT	—		CHILLED WATER SUPPLY	CWS
	DUCT WITH ACOUSTICAL LINING	—		CHILLED WATER RETURN	CWR
	SUPPLY AIR DUCT DROP	—		CHILLED AND HOT WATER SUPPLY	CHWS
	RETURN AIR DUCT DROP	—		CHILLED AND HOT WATER RETURN	CHWR
	SUPPLY AIR DUCT RISE	—			
	RETURN AIR DUCT RISE	—		GATE VALVE	G.V.
	TURNING VANES	—		GLOBE VALVE	G.L.V.
	EXTRACTOR	—		CHECK VALVE	C.V.
	VOLUME CONTROL DAMPER	V.C.D.		STRAINER	—
	FIRE DAMPER WITH ACCESS PANEL	F.D.		STRAINER WITH COCK	—
T	THERMOSTAT at + 4'0"	—		UNION	—
	PRESSURE RELIEF VALVE	P.R.V.		PLUG VALVE	P.V.
	DIRECTION OF FLOW	—		BUTTERFLY VALVE	B.V.
	SUPPLY AIR	S.A.		REDUCER OR INCREASER	—
	RETURN AIR	R.A.		POINT OF CONNECTION	P.O.C.
	EXHAUST AIR	E.A.	HWS	HOT WATER SUPPLY	HWS
	OUTSIDE AIR	O.A.	HWR	HOT WATER RETURN	HWR
	PIPING TURN DOWN	—	CHWS	CHILLED AND HOT WATER SUPPLY BELOW GRADE	CHWS
	PIPING TURN UP	—	CHWR	CHILLED AND HOT WATER RETURN BELOW GRADE	CHWR
	SHEET METAL	S/M		EXISTING PIPING ABOVE & BELOW GRADE	
	GAUGE	GA.		GALVANIZED	GALV.
	WITH	W/		DIAMETER	DIA.
	TYPICAL	TYP.		EXISTING	(E)
	ENERGY MANAGEMENT SYSTEM	EMS		CENTRAL PROCESSING UNIT	CPU

SHEET INDEX

SHEET	DESCRIPTION
M - 1	SITE PLAN
M - 2	SCHEDULES AND DETAILS
M - 3	DETAILS
M - 4	MECHANICAL EQUIPMENT AREA, SYSTEM PIPING DIAGRAM & CONTROLS
M - 5	AIR CONDITIONING PLAN, BUILDINGS A, B, & C
M - 6	AIR CONDITIONING PLAN, BUILDINGS D, E, & F
M - 7	AIR CONDITIONING PLAN, BUILDINGS G & H
M - 8	DETAILS



AIR CONDITIONING SITE PLAN

SCALE: 1" = 40'-0"
FOR COMPLETE SITE PLAN DETAILS REFER TO ARCHITECTURAL SITE PLAN.

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
AUG 13 1999
Approval Date by Section
A51544 / NP/LA

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Mark E. Russell AIA C 13726

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CONSULTANTS

FRANK MITCHELL M12910 Expires 9/1/90
JOHN FRANK MITCHELL, INC.
CONSULTING MECHANICAL ENGINEERS
PHONE 875-1399
4444 WEST JENNIFER, SUITE 107
FRESNO, CALIFORNIA 93722
8810.2

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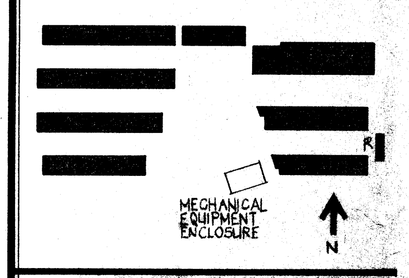


BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE
SITE PLAN

APPROVED/ARCHITECT
CHECKED JPM
DRAWN BY MJB
DATE 1-21-89
PROJECT NO. 86-216W

SHEET NUMBER 86216ME1340
M-1
OF 8 SHEETS

EXHAUST FAN SCHEDULE

MARK	MFR. & MODEL	HP	VOLT	PHASE	CFM	S.P.	MAX RPM	DRIVE	REMARKS	WT.
EF 1	GREENHECK GB18-5	1/2	115	1	3200	1/4"	900	B	2 SPEEDMOTOR, BIRDSCREEN GREENHECK SOUND CURB	100#
EF 2	GREENHECK GB-10	1/4	115	1	700	1/4"	1040	B	2 SPEEDMOTOR. BIRDSCREEN	50#
EF 3	GREENHECK GB18-4	1/4	115	1	2470	1/4"	730	B	2 SPEEDMOTOR, BIRDSCREEN	100#
EF 4	GREENHECK SP-8	1.0 FLA	115	1	90	1/8"	1550	D	FULL SIZE DISCHARGE TO MODEL RJSP ROOF CAP.	12#
EF 5	GREENHECK SP-17	1.0 FLA	115	1	155	1/8"	1550	D	FULL SIZE DISCHARGE TO MODEL RJSP ROOF CAP.	18#
EF 6	GREENHECK G-90-G	1/25	115	1	435	1/4"	1300	D	BIRDSCREEN	23#

EXHAUST FAN NOTES:
1. INTERLOCK ALL FANS WITH EMS.
2. PROVIDE BACKDRAFT DAMPER IN ALL EXHAUST DUCTS.

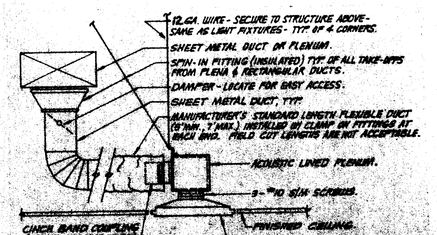
GRILLE SCHEDULE

MARK	DUTY	DESCRIPTION
A	CEILING SUPPLY	BARB-AIRE SFSV LOUVER FACE SURFACE MOUNT DIFFUSER. BLACK INTERIOR OBD, #7 FINISH.
B	CEILING SUPPLY	BARB-AIRE PSLV PERFORATED FACE LAY-IN DIFFUSER. BLACK INTERIOR OBD, #7 FINISH.
C	CEILING SUPPLY	BARB-AIRE PSSV PERFORATED FACE SURFACE MOUNT DIFFUSER. BLACK INTERIOR OBD, #7 FINISH.
D	CEILING RETURN OR EXHAUST	BARB-AIRE TXEV ALUMINUM EGGCRATE SURFACE MOUNT RETURN. BLACK INTERIOR OBD. COUNTERSUNK SCREW HOLES. #7 FINISH.
E	CEILING RETURN OR EXHAUST	BARB-AIRE TXDV ALUMINUM EGGCRATE LAY-IN RETURN. BLACK INTERIOR OBD.
F	WALL EXHAUST	BARB-AIRE GMR SURFACE MOUNT RETURN WITH REMOVABLE CORE AND #7 FINISH. FURNISH WITHOUT INDENTS.
G	OUTDOOR AIR INTAKE LOUVER	WONDER-METAL MODEL L-445-F GALV. STEEL LOUVER WITH EXTERIOR MOUNTING FLANGE AND 1/4" MESH BIRDSCREEN. PROVIDE BAKED ENAMEL FINISH, COLOR TO MATCH BUILDING EXTERIOR. SUBMIT MANUFACTURES COLOR CHART.
H	EXHAUST AIR LOUVER	WONDER-METAL MODEL L-245-F GALV. STEEL LOUVER WITH EXTERIOR MOUNTING FLANGE AND 1/4" MESH BIRDSCREEN. PROVIDE BAKED ENAMEL FINISH, COLOR TO MATCH BUILDING EXTERIOR. PROVIDE SHOP FAB S/M SLEEVE WHEN INCORPORATING WITH BACKDRAFT DAMPER AS SHOWN ON THE DRAWINGS.
J	CEILING SUPPLY	BARB-AIRE SFTV LOUVERED FACE LAY-IN DIFFUSER BLACK INTERIOR, OBD, #7 FINISH. 24" x 24" NOMINAL FACE.

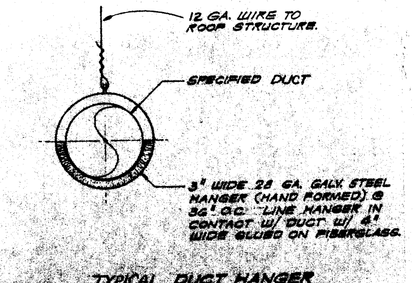
AIR CONDITIONING EQUIPMENT SCHEDULE

MARK	DUTY	ELECTRICAL HP	VOLTS	Ø	DESCRIPTION	WT.
1	AIR COOLED CHILLER	15B RLA 420 LRA	460	3	McQUAY MODEL ALR-075C, COOLING 222 GPM OF WATER (WITH 25% BY WEIGHT OF INHIBITED PROPYLENE GLYCOL) FROM 30.0° TO 24.0° AT 85° AMBIENT. 10.0' MAX. W.P.D. 1.30 KW/TON MAXIMUM POWER CONSUMPTION AT SPECIFIED CONDITIONS. COMPLETE WITH TWO SEMI-HERMETIC COMPRESSORS & DUAL INDEPENDENT REFRIGERATION CIRCUITS W/TOTAL UNLOADING TO 25% OF FULL-LOAD, COMPRESSOR LEAD-LAG SWITCH, CONTROL TRANSFORMER, WATER FLOW SWITCH, COMPRESSOR LOCK-OUT TIMER, CONDENSER COIL GUARD, SINGLE POINT POWER CONNECTION, PART-WINDING START, AND PHASE FAILURE/REVERSAL CUT-OUT. UNIT SHALL BE EQUIPPED FOR ICE BUILDING OPERATION AND HAVE DUAL SETPOINT CAPABILITY -- STANDARD MODE SHALL BE NON-ICE BUILDING WITH THE CONTROL DEENERGIZED. FACTORY START-UP BY CHILLER MANUFACTURER. 9.9 MINIMUM EER AT ARI STANDARD 590 RATING CONDITIONS. SEE SPECIFICATIONS FOR COMPLETE DESCRIPTION.	6000#
2	ICE STORAGE TANK	-	-	-	CALMAC LEVLOAD MODEL 1190, WITH CAPACITY FOR 190 TOTAL TON-HOURS. 12.0 PSI MAXIMUM W.P.D. AT 80 GPM OF 24.0° AVERAGE CHARGING WATER. COMPLETE W/ 2" BOTTOM INSULATION PAD AND ALUMINUM OUTER COVER. SEE SPECS FOR COMPLETE DESCRIPTION. SEE MANUFACTURER'S SPECIFICATIONS FOR "EXPOSED TOP BURIED LEVLOAD TANKS" AND TECHNICAL GUIDE #18-101. TANK CAPACITY SHALL MEET ABOVE SPECIFIED CONDITIONS BUT FLOW SHALL BE ADJUSTED TO 74 GPM AT THIS TIME AND SHALL CHARGE TO 162 LATENT TON-HOURS IN 12 HOURS CHARGING TIME. TANK SHALL BE 100% NON-FERROUS AND CAPABLE OF FREEZING SOLID WITHOUT DAMAGE. PROVIDE ONE LEVEL-LOAD ICE INVENTORY METER FOR ENTIRE SYSTEM WITH 4-20 MA TRANSDUCER FOR OUTPUT.	17000#
3	BOILER	10 FLA	115	1	RAYPAK MODEL H-1083 OUTDOOR BOILER, HEATING 70 GPM OF WATER FROM 140° TO 165°, 7.0' W.P.D. 1,083,000 BTUH INPUT AND 886,000 BTUH OUTPUT HEATING CAPACITY, NATURAL GAS. COMPLETE WITH 5-YEAR LIMITED HEAT EXCHANGER WARRANTY, ECONOMASTER PUMP TIME DELAY, FLOW SWITCH, PRESSURE RELIEF VALVE, CONTROL TRANSFORMER, 2-STAGE GAS VALVE, AND ACCESSORIES PER CALIFORNIA CODE. A.G.A. CLASSIFIED AND ASME STAMPED.	700#
4	SYSTEM PUMP	5	460	3	PACO TYPE L, MODEL 2095-3, CENTRIFUGAL PUMP DELIVERING 142 GPM @ 57' TDH, 66% EFFICIENCY, 1750 RPM. PUMP SHALL BE NON-OVERLOADING THROUGHOUT ENTIRE CURVE. COMPLETE WITH MECHANICAL SEALS, SUCTION AND DISCHARGE GAUGE FITTINGS.	325#
5	CHILLER PUMP	3	460	3	PACO TYPE VL, MODEL 4070-7, CENTRIFUGAL IN-LINE PUMP DELIVERING 222 GPM @ 26' TDH, 70% EFFICIENCY, 1750 RPM. COMPLETE WITH MECHANICAL SEALS, SUCTION AND DISCHARGE GAUGE FITTINGS. UNIT SHALL BE CAPABLE OF HANDLING A WATER/GLYCOL MIXTURE AT 24°.	200#
6	ICE BUILDER PUMP	3	460	3	PACO TYPE L, MODEL 3070-7, CENTRIFUGAL PUMP DELIVERING 222 GPM @ 37' TDH, 75% EFFICIENCY, 1750 RPM. COMPLETE WITH MECHANICAL SEALS, SUCTION AND DISCHARGE GAUGE FITTINGS. UNIT SHALL BE CAPABLE OF HANDLING A WATER/GLYCOL MIXTURE AT 24°.	175#
7	BOILER PUMP	1	460	3	PACO TYPE L, MODEL 1570-5, CENTRIFUGAL PUMP DELIVERING 70 GPM @ 26' TDH, 70% EFFICIENCY, 1750 RPM. PUMP SHALL BE NON-OVERLOADING THROUGHOUT ENTIRE CURVE. COMPLETE WITH MECHANICAL SEALS, SUCTION AND DISCHARGE GAUGE FITTINGS.	100#
8	UNIT VENTILATOR	1/6	115	1	MSI MODEL TBW-51500 FOR 2-PIPE CHILLED/HOT WATER SYSTEM, 1500 CFM, DIRECT DRIVE 3-SPEED MOTOR. 45,400 BTUH TOTAL AND 41,000 BTUH SENSIBLE COOLING CAPACITY AT 80/64 ENTERING AIR WITH A 45° ENTERING WATER/GLYCOL SOLUTION. 8.0' MAXIMUM WATER PRESSURE DROP. 68,000 BTUH HEATING CAPACITY WITH 4.0 GPM OF 140° HOT WATER. UNIT COMPLETE WITH FACTORY MOUNTED ECONOMIZER DAMPERS, SAMPLING TUBE, 5 YEAR UNIT PARTS WARRANTY AND A MINIMUM OF 9.2 SQUARE FEET OF O.A. AND R.A. FILTER AREA. TYPE 'W' CABINET. SEE SPECIFICATIONS.	700#
9	HEATING-COOLING UNIT	15.5 FLA	460	3	McQUAY MODEL EPGD-060, 1950 CFM @ 0.4" E.S.P., 980 RPM, 1 HP MOTOR, BELT DRIVE. 58,200 BTUH TOTAL AND 54,400 BTUH SENSIBLE COOLING CAPACITY AT 80/64 AND 105° AMBIENT. 100,000 BTUH INPUT CAPACITY AND 74,400 BTUH HEATING OUTPUT CAPACITY, NATURAL GAS. COMPLETE WITH CRANKCASE HEATER, 0 - 100% ECONOMIZER CYCLE WITH CONTROLS AND DAMPERS, AND (2) 16" x 25" x 2" 30% EFFICIENT FILTERS LOCATED IN UNIT. 9.0 MINIMUM EER.	800#
10	HEATING-COOLING UNIT	15.3 FLA	460	3	McQUAY MODEL EPGD-048, 1750 CFM @ 0.4" E.S.P., 3/4 HP MULTI-SPEED MOTOR, DIRECT DRIVE. 43,500 BTUH TOTAL AND 41,000 BTUH SENSIBLE COOLING CAPACITY AT 80/63 AND 105° AMBIENT. 75,000 BTUH INPUT CAPACITY AND 59,000 BTUH HEATING OUTPUT CAPACITY, NATURAL GAS. COMPLETE WITH CRANKCASE HEATER, 0 - 100% ECONOMIZER CYCLE WITH CONTROLS AND DAMPERS, AND (2) 16" x 25" x 1" 30% EFFICIENT FILTERS LOCATED IN UNIT. 9.0 MINIMUM EER. FIELD FABRICATED CURB TO BE PROVIDED BETWEEN UNIT AND SLOPED ROOF.	750#
11	HEATING-COOLING UNIT	11.0 FLA	460	3	McQUAY MODEL EPGD-036, 1200 CFM @ 0.4" E.S.P., 1/4 HP MULTI-SPEED MOTOR, DIRECT DRIVE. 33,800 BTUH TOTAL AND 32,200 BTUH SENSIBLE COOLING CAPACITY AT 80/63 AND 105° AMBIENT. 50,000 BTUH INPUT CAPACITY AND 36,000 BTUH HEATING OUTPUT CAPACITY, NATURAL GAS. COMPLETE WITH CRANKCASE HEATER, 0 - 100% ECONOMIZER CYCLE WITH CONTROLS AND DAMPERS, AND (2) 16" x 25" x 1" 30% EFFICIENT FILTERS LOCATED IN UNIT. 8.2 MINIMUM EER.	675#
12	AIR HANDLER	2	460	3	McQUAY MODEL LSL 108C, 3200 CFM @ 1.5" T.S.P., 800 RPM, 1.3 BHP, BELT DRIVE. MINIMUM 15" FORWARD CURVE FAN. 86,650 BTUH TOTAL AND 81,200 BTUH SENSIBLE COOLING CAPACITY WITH 80/64 ENTERING AIR TEMPERATURE AND 18 GPM OF 45° ENTERING WATER, 4.0' MAXIMUM WATER PRESSURE DROP, 0.40" MAXIMUM AIR PRESSURE DROP. 120,000 BTUH HEATING CAPACITY WITH 12.0 GPM OF 180° THROUGH SAME COIL. COMPLETE WITH FILTER/MIXING BOX WITH (6) 16"x25"x2" 30% EFFICIENT FILTERS, GALVANIZED WEATHER RESISTANT AIR HANDLER CONSTRUCTION, GASKET SECTIONS WITH SEALED JOINTS, AND WEATHERPROOF MOTOR AND DRIVES.	1000#
13	AIR HANDLER	1 1/2	460	3	McQUAY MODEL LSL 106C, 2400 CFM @ 1.5" T.S.P., 980 RPM, 0.9 BHP, BELT DRIVE. MINIMUM 12" FORWARD CURVE FAN. 70,000 BTUH TOTAL AND 63,200 BTUH SENSIBLE COOLING CAPACITY WITH 80/64 ENTERING AIR TEMPERATURE AND 14 GPM OF 45° ENTERING WATER, 4.0' MAXIMUM WATER PRESSURE DROP, 0.40" MAXIMUM AIR PRESSURE DROP. 100,000 BTUH HEATING CAPACITY WITH 10.0 GPM OF 180° THROUGH SAME COIL. COMPLETE WITH FILTER/MIXING BOX WITH (6) 16"x20"x2" 30% EFFICIENT FILTERS, GALVANIZED WEATHER RESISTANT AIR HANDLER CONSTRUCTION, GASKET SECTIONS WITH SEALED JOINTS, AND WEATHERPROOF MOTOR AND DRIVES.	875#
14	AIR HANDLER	3	460	3	McQUAY MODEL LSL 111C, 4000 CFM @ 1.75" T.S.P., 800 RPM, 1.9 BHP, BELT DRIVE. MINIMUM 16" FORWARD CURVE FAN. 123,500 BTUH TOTAL AND 112,000 BTUH SENSIBLE COOLING CAPACITY WITH 80/64 ENTERING AIR TEMPERATURE AND 25 GPM OF 45° ENTERING WATER, 5.0' MAXIMUM WATER PRESSURE DROP, 0.40" MAXIMUM AIR PRESSURE DROP. 180,000 BTUH HEATING CAPACITY WITH 18.0 GPM OF 160° THROUGH SAME COIL. COMPLETE WITH FILTER/MIXING BOX WITH (6) 20"x26"x2" 30% EFFICIENT FILTERS, 1/8" MESH PRE-FILTER IN GALVANIZED METAL FRAME UPSTREAM OF FILTERS, GALVANIZED WEATHER RESISTANT AIR HANDLER CONSTRUCTION, GASKET SECTIONS WITH SEALED JOINTS, AND WEATHERPROOF MOTOR AND DRIVES.	1200#
15	UNIT VENTILATOR	1/6	115	1	MSI MODEL TBW-41250 FOR 2-PIPE CHILLED/HOT WATER SYSTEM, 1250 CFM, DIRECT DRIVE 3-SPEED MOTOR. 29,300 BTUH TOTAL AND 29,000 BTUH SENSIBLE COOLING CAPACITY AT 80/64 ENTERING AIR WITH 6 GPM OF 45° ENTERING WATER/GLYCOL SOLUTION. 4.0' MAXIMUM WATER PRESSURE DROP. 36,800 BTUH HEATING CAPACITY WITH 3.6 GPM OF 140° HOT WATER. UNIT COMPLETE WITH FACTORY MOUNTED ECONOMIZER DAMPERS, SAMPLING TUBE, 5 YEAR UNIT PARTS WARRANTY AND A MINIMUM OF 8.0 SQUARE FEET OF O.A. AND R.A. FILTER AREA. TYPE 'W' CABINET. SEE SPECIFICATIONS.	650#
16	HEATING-COOLING UNIT	17.0	208	1	McQUAY MODEL EPGH-024, 800 CFM @ 0.4" E.S.P., 1/4 HP MULTI-SPEED MOTOR, DIRECT DRIVE. 22,500 BTUH TOTAL AND 19,700 BTUH SENSIBLE COOLING CAPACITY AT 80/63 AND 105° AMBIENT. 50,000 BTUH INPUT CAPACITY AND 36,000 BTUH HEATING OUTPUT CAPACITY, NATURAL GAS. COMPLETE WITH CRANKCASE HEATER, 0 - 25% MANUAL O.A. DAMPER, AND (1) 20" x 25" x 1" 30% EFFICIENT FILTER LOCATED IN UNIT DUCTWORK. 9.0 MINIMUM EER. PROVIDE SPRING ISOLATORS WITH SEISMIC RESTRAINTS.	400#

NOTES: 1. ALL ROOF MOUNTED MECHANICAL EQUIPMENT TO BE PROVIDED WITH SPRING ISOLATORS WITH SEISMIC RESTRAINTS
2. PROVIDE FIELD FABRICATED CURB FOR ALL ROOF MOUNTED MECHANICAL EQUIPMENT BY SPEC SECTION 15800. SEE STRUCTURAL DETAILS SHEETS S-1 & S-3. FURNISH SHOP DRAWINGS FOR REVIEW & ACCEPTANCE BEFORE FABRICATION OF STRUCTURAL STEEL SUPPORT.

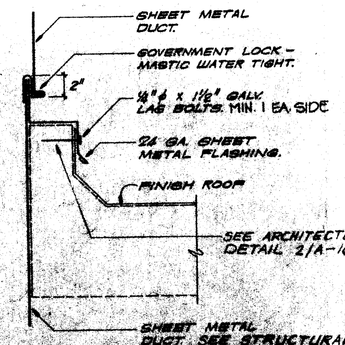


DETAIL A M-2
NO SCALE
NOTE: IF MAIN DUCT DOES NOT PERMIT SPIN-IN FITTING, SEE DETAIL E M-2.

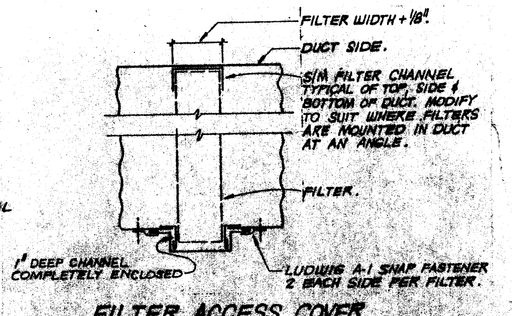


TYPICAL DUCT HANGER

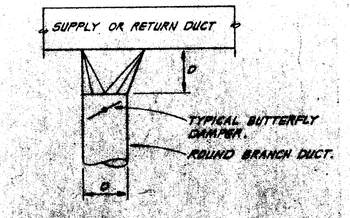
DETAIL B M-2
NO SCALE
INSULATION APPLIED TO THE EXTERIOR SURFACE OF DUCTS LOCATED IN BUILDING SHALL HAVE A FLAME SPREAD OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED RATING OF NOT MORE THAN 50 WHEN TESTED AS A COMPOSITE INSTALLATION INCLUDING INSULATION, FACING MATERIALS, TAPES AND ADHESIVES AS NORMALLY APPLIED.



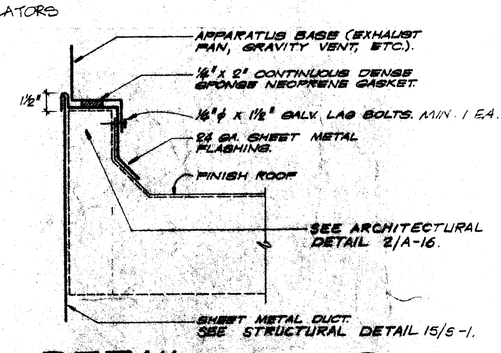
DETAIL C M-2
NO SCALE
NOTE: SEE ARCHITECTURAL & STRUCTURAL DRAWINGS FOR TYPICAL CURB & ROOF DETAILS.



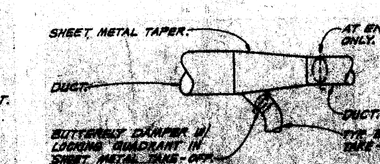
FILTER ACCESS COVER
DETAIL D M-2
NO SCALE



DETAIL E M-2
NO SCALE
NOTE: MINIMUM AREA OF RECTANGULAR TAP-IN SHALL BE 125% OF ROUND BRANCH DUCT. DEPTH OF TAP-IN SHALL BE THE SAME AS ROUND BRANCH DUCT DIAMETER.



DETAIL G M-2
NO SCALE
NOTE: SEE ARCHITECTURAL & STRUCTURAL DRAWINGS FOR TYPICAL CURB & ROOF DETAILS.



DETAIL F M-2
NO SCALE
TYPICAL FOR ALL ROUND & RECTANGULAR SUPPLY, RETURN, & EXHAUST DUCTS.

IDENTIFICATION STAMP
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Office of the State Architect
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Plan Review Section
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PROJECT

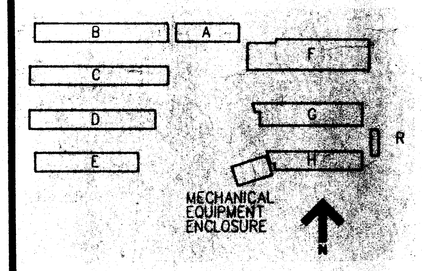
BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

THE ABOVE DRAWINGS AND SPECIFICATIONS AND IDEAS, DESIGNS AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND ARE TO BE RETURNED UPON REQUEST. THEY ARE NOT TO BE LOANED TO OTHERS OR USED IN CONNECTION WITH ANY WORK ON PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VERBAL CONTACT WITH THESE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSION. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT BOARD OF EDUCATION

DATE	APPROVED

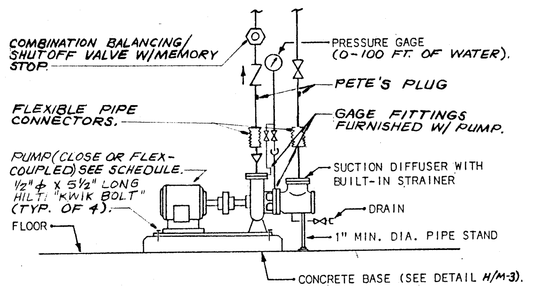
DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS

SHEET TITLE
SCHEDULES AND DETAILS

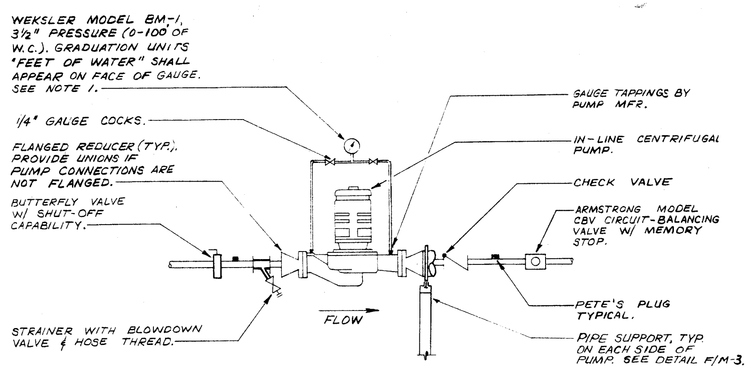
APPROVED/ARCHITECT
CHECKED JFM
DRAWN BY MJB
DATE 8-1-89
PROJECT NO. 86-2&W

SHEET NUMBER
M-2
OF 8 SHEETS



TYPICAL CONNECTIONS TO FLOOR MOUNTED SINGLE SUCTION WATER PUMPS

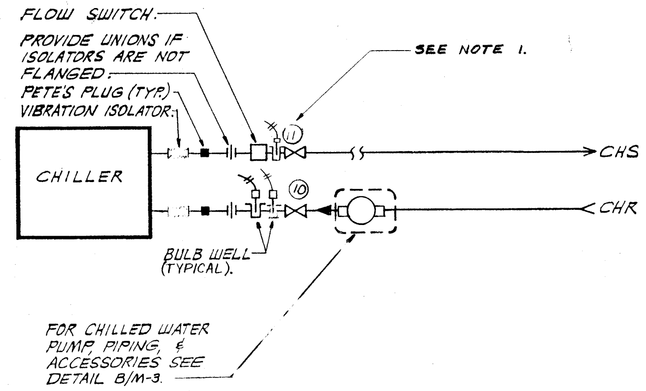
DETAIL A/M-3
NO SCALE



IN-LINE PUMP PIPING

DETAIL B/M-3
NO SCALE

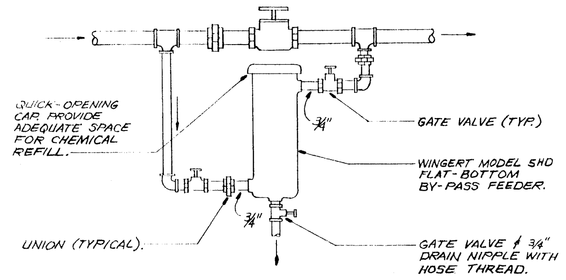
NOTES:
1. GAUGE & GAUGE PIPING SHALL BE OFFSET FROM PLANE OF PUMP SHAFT.



CHILLER PIPING DIAGRAM

DETAIL C/M-3
DIAGRAMMATIC

NOTES
1. SEE "INPUT CONTROL POINT SCHEDULE" (SEE 11/A-4 FOR SIZE) CONNECTIONS.

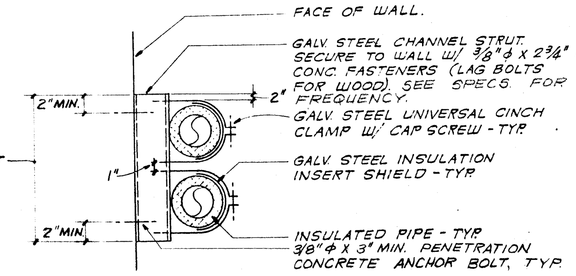


CHEMICAL FEEDER CONNECTIONS

DETAIL D/M-3
NO SCALE

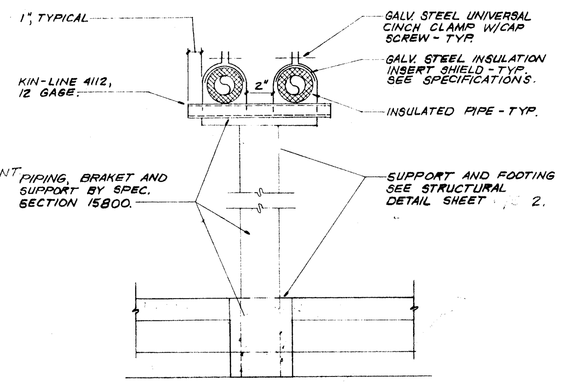
NOTES:

1. EQUIPMENT AND PIPING SYSTEM SHALL BE THOROUGHLY CLEANED TO REMOVE DIRT, OIL, GREASE, PIPE DOPE AND ORGANIC MATTER BEFORE START-UP. SEE SPECIFICATIONS FOR TREATMENT. FURNISH A ONE YEAR SUPPLY OF CHEMICAL BASED ON 8 HOUR PER DAY OPERATION WORKING 5 DAYS A WEEK.
2. PROVIDE AND MAINTAIN A WATER AND 25% (BY VOLUME) INHIBITED PROPYLENE GLYCOL (DOWFROST) SOLUTION IN THE SYSTEM. THOROUGHLY MIX THE WATER/GLYCOL SOLUTION IN A SEPARATE CONTAINER PRIOR TO FILLING SYSTEM.



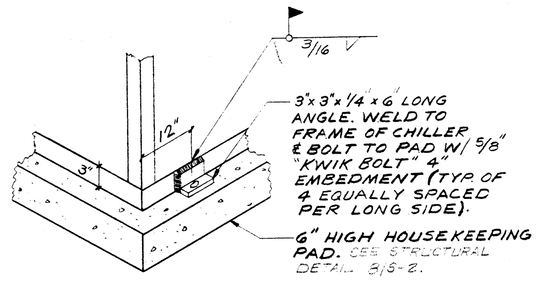
VERTICAL PIPE GUIDE

DETAIL E/M-3
NO SCALE



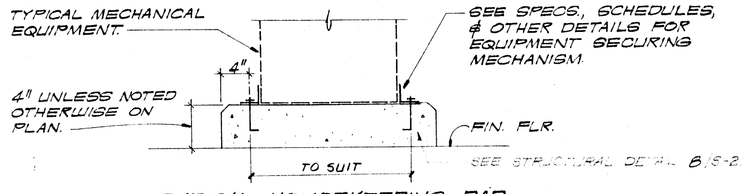
PIPE SUPPORT

DETAIL F/M-3
NO SCALE



1 CHILLER ANCHORAGE

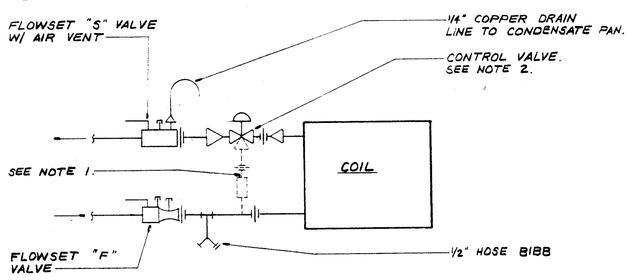
DETAIL G/M-3
NO SCALE



TYPICAL HOUSEKEEPING PAD

DETAIL H/M-3
NO SCALE

CONCRETE HOUSEKEEPING PAD BY SPEC SECTIONS 03300 & 03210.

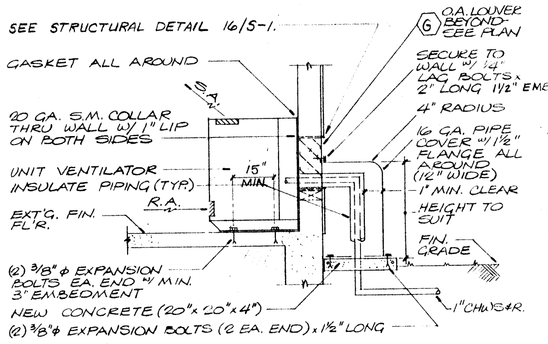


UNIT VENTILATOR & FAN COIL PIPING CONNECTIONS

DETAIL J/M-3
DIAGRAMMATIC

PIPING INSTALLATION NOTES

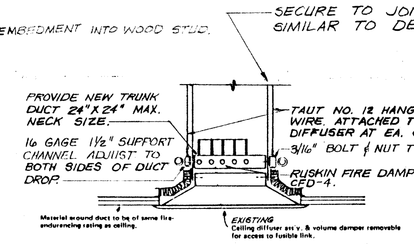
1. 3/4" BYPASS LINE REQUIRED ONLY ON DESIGNATED UNIT VENTILATORS WITH 3-WAY VALVES; SEE PLAN FOR LOCATION. PROVIDE A UNION AND A 3/4" GRISWOLD FLOW CONTROL VALVE (2-32 PSI RANGE) IN BYPASS LINE SELECTED AT 2/3 OF UNIT COOLING WATER FLOW.
2. TEMPERATURE CONTROL VALVE IS FURNISHED UNDER SPECIFICATION SECTION 15900 AND INSTALLED UNDER SPECIFICATION SECTION 15800.
3. "FLOWSET" VALVES ARE LINE SIZE UNLESS OTHERWISE NOTED. PROVIDE REDUCERS WHERE REQUIRED.



DETAIL K/M-3
NO SCALE

SUBMIT PIPE COVER SHOP DWG. PRIOR TO FABRICATION

CAULK AROUND PIPE COVER WATERTIGHT W/ CLEAR SILICONE

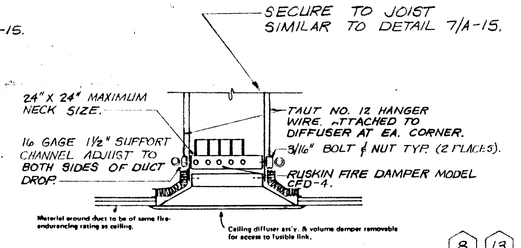


CEILING FIRE DAMPER

DETAIL Q/M-3
NO SCALE

NOTE:

SEE SPECIFICATIONS FOR COMPLETE CSFM LISTING NUMBER.

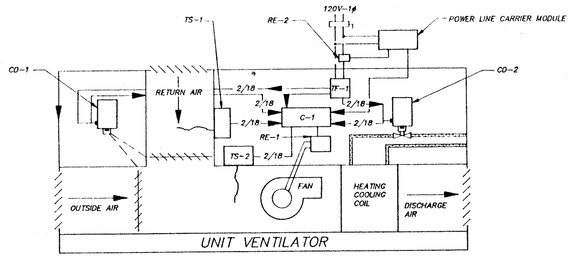


CEILING FIRE DAMPER

DETAIL R/M-3
NO SCALE

NOTE:

SEE SPECIFICATIONS FOR COMPLETE CSFM LISTING NUMBER.



UNIT VENTILATOR

LEGEND			
NO.	DESCRIPTION	REQ'D.	B-C PART NO.
C-1	DUAL SETPOINT PROGRAMMABLE CONTROLLER	1	UP-8581-C-202
TS-1	ROOM TEMPERATURE SENSOR (IN BALCO # 70°F)	1	TS-8000 SERIES
TS-2	MIXED AIR LOW LIMIT SENSOR (IN BALCO # 70°F)	1	TS-8000 SERIES
RE-1	FAN SPEED RELAY	1	AE-900
CO-1	DAMPER ACTUATOR (24 VAC HYDRAULIC)	1	MP-5432
CO-2	VALVE ACTUATOR (24VAC HYDRAULIC WITH AV-601 EXTENSION)	1	MP-1413/AV-601
FT-1	24 VAC, 50 VA TRANSFORMER	1	AE-201
R1	1/2 WATT, 1% 4.7 K ΩM, TC=2007 RESISTOR	1	40-1848
R2	1/2 WATT, 1% 8 1/8 K ΩM, TC=100 RESISTOR	1	0100-833-165
RE-2	START RELAY	1	AE-900

8 13 UNIT VENTILATOR 12 13 14 AIR HANDLER CONTROL DIAGRAM

DETAIL L/M-3
DIAGRAMMATIC

UNIT VENTILATOR SEQUENCE OF OPERATION

THE UNIT VENTILATORS ARE STARTED AND STOPPED BY GROUPS (WINGS, USE, ETC.) FROM THE ENERGY MANAGEMENT SYSTEM/CENTRAL PROCESSING UNIT (EMS/CPU). THE START-STOP SIGNAL SHALL BE SENT VIA POWER LINE CARRIER TO RECEIVING MODULES AT THE UNIT VENTILATORS. THE CENTRAL PLANT SHALL BE IN OPERATION WHENEVER A GROUP OF UNIT VENTILATORS IS IN OPERATION.

A SOLID STATE SENSOR LOCATED IN THE UNIT VENTILATOR SAMPLING CHAMBER (SAMPLING CHAMBER PROVIDED AS AN INTEGRAL PART OF THE UNIT VENTILATOR) SHALL INPUT TO A DUAL SET-POINT CONTROLLER; HEATING SET AT 70° AND COOLING SET AT 78°. EACH SET-POINT SHALL BE ADJUSTABLE OVER A RANGE OF 45-75 DEGREES FOR HEATING AND 40-90 DEGREES FOR COOLING. SET-POINTS ARE FACTORY SET WITH A FIELD ADJUSTABLE THROTTLING RANGE.

A MIXED AIR LOW-LIMIT SENSOR (LOCATED IN THE UNIT VENTILATOR MIXED AIR) SHALL INPUT TO THE UNIT CONTROLLER AND PROVIDE AN ADJUSTABLE SET-POINT FROM 40-90 DEGREES. FACTORY SET TO 60° AND ADJUSTABLE MINIMUM SET-POINT TO 20% OUTSIDE AIR.

HEATING MODE (ASHRAE CYCLE 1):

WHEN THE SAMPLING CHAMBER TEMPERATURE IS BELOW THE HEATING SET-POINT THE OUTSIDE AIR DAMPER IS CLOSED; THE RETURN AIR DAMPER IS OPEN AND THE COIL VALVE IS OPEN. AS THE TEMPERATURE RISES TOWARD SET-POINT (THROTTLING RANGE 3°) THE OUTSIDE AIR DAMPER OPENS TO THE ADJUSTABLE MINIMUM POSITION AND THE COIL VALVE BEGINS TO MODULATE CLOSED. AT SET-POINT THE OUTSIDE AIR DAMPER IS AT MINIMUM AND THE COIL VALVE IS CLOSED. AS THE TEMPERATURE CONTINUES TO RISE THE OUTSIDE AIR DAMPER MODULATES OPEN. THE LEAVING AIR TEMPERATURE FROM THE UNIT VENTILATOR IS LIMITED TO A MINIMUM OF 60° (ADJUSTABLE) BY THE LOW LIMIT SENSOR AND CONTROLLER SET-POINT.

COOLING MODE (ASHRAE CYCLE 1):

WHEN THE SAMPLING CHAMBER SET-POINT IS ABOVE THE COOLING SET-POINT, THE OUTSIDE AIR DAMPER CLOSES TO THE MINIMUM POSITION AND THE COIL VALVE MODULATES OPEN. THE THROTTLING RANGE ON COOLING START-UP IS 4 DEGREES.

HEATING/COOLING MODE SELECTION:

THE UNIT VENTILATOR HEATING OR COOLING MODE IS SELECTED FROM THE SIGNAL FROM THE "EMS/CPU" TO EACH UNIT VENTILATOR CONTROLLER. THE UNIT CONTROLLER SHALL BE IN THE HEATING MODE UNTIL THE SYSTEM LOOP WATER TEMPERATURE IS LESS THAN 60 DEGREES.

ONCE STARTED, THE UNIT VENTILATOR FAN SHALL RUN CONTINUOUSLY UNTIL SHUT OFF BY THE "EMS/CPU". THE FAN WILL OPERATE AT HIGH SPEED WHEN THE UNIT CONTROLLER CALLS FOR HEATING OR COOLING, BUT WILL STEP DOWN TO LOW SPEED WHEN ROOM TEMPERATURE IS IN THE "DEAD BAND" REGION. WHEN THE UNIT VENTILATOR IS TURNED OFF FROM THE "EMS/CPU", THE COIL VALVE AND THE OUTSIDE AIR DAMPER SHALL CLOSE TO CONSERVE ENERGY.

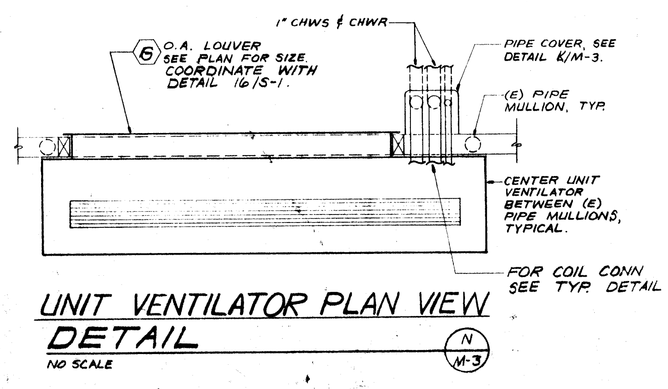
DESIGNATED UNIT VENTILATOR:

(W) DENOTES A UNIT VENTILATOR (ONE PER WING) THAT CONTAINS A ROOM SENSOR FOR TEMPERATURE FEEDBACK TO THE "EMS/CPU". THIS TEMPERATURE WILL WORK IN CONJUNCTION WITH OUTSIDE AIR TEMPERATURE FOR OPTIMAL START DURING BUILDING WARMUP.

(S)(N) DENOTES AN "END-OF-LINE" UNIT VENTILATOR WITH THE SENSOR AS DESCRIBED ABOVE AND A 3-WAY CONTROL VALVE FOR BYPASSING WATER WHEN THE VALVE IS CLOSED TO THE COIL.

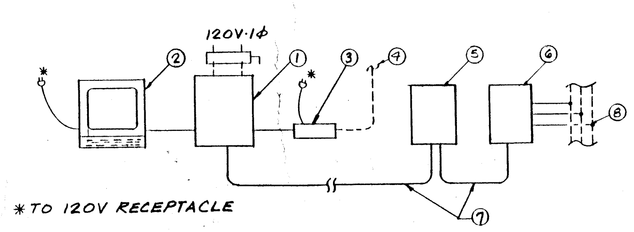
AIR HANDLER SEQUENCE OF OPERATION

AIR HANDLER CONTROLS AND SEQUENCE OF OPERATION SIMILAR TO UNIT VENTILATOR: PROVIDE WALL MOUNTED TEMPERATURE CONTROLS IN LIEU OF CABINET MOUNTED FOR ROOM TEMPERATURE SENSING. DETERMINE MINIMUM O.A. REQUIREMENTS FOR EACH INDIVIDUAL AIR HANDLER FROM PLANS. POWER EXHAUST FAN IS TO START WHEN THE OUTSIDE AIR DAMPER IS OPEN 50% OR MORE (ECONOMIZER CYCLE). POWER EXHAUST FAN APPLIES TO MUSIC ROOM AIR HANDLER ONLY (SEE BUILDING F, SHEET M-6).



UNIT VENTILATOR PLAN VIEW

DETAIL N/M-3
NO SCALE



"EMS" SINGLE LINE DIAGRAM
DIAGRAMMATIC

DETAIL P/M-3

NOTES FOR DETAIL P/M-3:

1. BARBER-COLMAN NETWORK 8000 MODEL GCM-84211 "GLOBAL CONTROL MODULE".
2. DUMB TERMINAL CONSISTING OF MONOCHROME SCREEN VIEWING TERMINAL AND KEYBOARD; WYSE-85. CONNECT TO 1.
3. 1200 BAUD EXTERNAL MODEM CONNECTING TO 1 VIA RS-232 CONNECTION.
4. DEDICATED TELEPHONE LINE TO BE PROVIDED BY OWNER, INCLUDING ALL CONNECTION COSTS.
5. BARBER-COLMAN MODEL GCS 81000 POWER LINE CARRIER COMMAND SYNTHESIZER FURNISHED UNDER SPECIFICATION SECTION 15900. INSTALL AT LOCATION TO PROVIDE BEST SIGNAL DISTRIBUTION.

   NOTE! CONTRACTOR FURNISHING POWER LINE CARRIER EQUIPMENT SHALL COORDINATE THE INSTALLATION WITH LIGHT DIMMING SYSTEM AS SPECIFICIED ON THE ELECTRICAL PLANS AND PROVIDE EQUIPMENT THAT WILL NOT BE AFFECTED BY SIGNALS GENERATED THROUGH THE LIGHT DIMMING SYSTEM.
6. BARBER-COLMAN COMMAND TRANSMITTER RECIEVER.
7. INTERCONNECTING WIRING BETWEEN GLOBAL CONTROL MODULE AND POWER LINE CARRIER COMMAND SYNTHESIZER BY SPECIFICATION SECTION 15900.
8. EXISTING A.C. WIRING.

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JOHN FRANK MITCHELL, INC.
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PHONE 875-3399 — 4644 WEST JENNIFER, SUITE 107, FRESNO, CALIFORNIA 93722

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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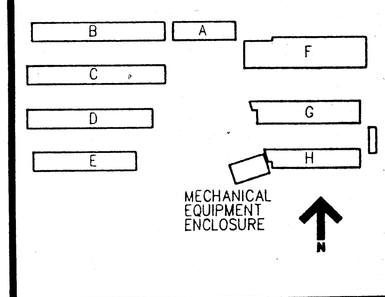
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE

DETAILS

APPROVED/ARCHITECT Tennyll Preston
CHECKED JFM DATE 8-1-89
DRAWN BY MJB PROJECT NO 86-216W

SHEET NUMBER

M-3

OF 8 SHEETS.

IDENTIFICATION
Department of General Services
Office of the State Architect
1 3 1999
Project Division
A51547 NWL

COOLING CONTROL SCHEDULE							
COOLING MODE	VALVE V-2		VALVE V-3*		PUMPS		
	A	B	A	B	⑤ CHILLER	⑥ ICE BUILDER	④ SYSTEM
CHILLER ONLY COOLING	OP	CL	CL	OP	ON	OFF	ON
ICE BUILDER ONLY COOLING	MOD	MOD	CL	OP	OFF	ON	ON
ICE BUILDING MODE	CL	OP	OP	CL	ON	ON	OFF
CHILLER & ICE BUILDER COOLING	MOD	MOD	CL	MOD	ON	ON	ON

* VALVE V-3 CONSISTS OF 2 INDEPENDENTLY CONTROLLED 2-WAY MODULATING VALVES.

CENTRAL PLANT HEATING AND COOLING SEQUENCE OF OPERATION

HEATING

THE LEAD BOILER AND PUMP START AS A FUNCTION OF THE "EMS/CPU" (ENERGY MANAGEMENT SYSTEM CENTRAL PROCESSING UNIT) WHICH IS PROGRAMMED TO CONSIDER TIME OF DAY AND OUTSIDE AIR TEMPERATURE (BELOW 65°). THE BOILER WILL NOT START UNTIL FLOW HAS BEEN ESTABLISHED THROUGH THE BOILER FLOW SWITCH. THE EMS/CPU WILL MONITOR THE LEAVING AND ENTERING WATER TEMPERATURES TO THE BOILER AND WILL PROVIDE A STRAIGHT-LINE HOT WATER RESET: WHEN THE O.A. IS 30°, THE HWS TEMPERATURE SHALL BE 160°; AND WHEN THE O.A. IS 65°, THE HWS TEMPERATURE SHALL BE 100°. THE EMS/CPU SHALL BE PROGRAMMED SO THAT AN INLET TEMPERATURE OF LESS THAN 60° (SOFTWARE ADJUSTABLE) TO THE BOILER WILL CAUSE THE "BOILER LOOP MIXING VALVE", V-1 TO MODULATE OPEN AND BYPASS SUPPLY HOT WATER DIRECTLY BACK TO THE RETURN. THE BOILER PUMP WILL STAY ON FOR A MINIMUM OF 5 MINUTES AFTER THE BOILER HAS SHUT OFF (AS DETERMINED BY TEMPERATURE DIFFERENCE ACROSS THE BOILER), TYPICAL OF THE LEAD AND LAG BOILERS.

THE LAG BOILER AND PUMP WILL START WHEN THE SYSTEM HEATING DEMAND BTUH'S EQUALS 90% OF THE BOILER OUTPUT CAPACITY AND WILL SHUT OFF AT 75% CAPACITY OF ONE BOILER. A TIME DELAY ON THE LAG BOILER WILL ALLOW THE LEAD BOILER A 30 MINUTE HEAD START TO BRING THE SYSTEM UP TO 90% CAPACITY DURING MORNING WARMUP.

COOLING

COOLING FROM THE CENTRAL SYSTEM CAN BE SUPPLIED UNDER ANY ONE OF THREE DIFFERENT MODES: 1) CHILLER ONLY, 2) ICE TANKS ONLY, AND 3) A COMBINATION OF BOTH. COOLING IS INITIATED BY OUTDOOR AIR TEMPERATURE AND BUILDING LOAD, BUT THE PARTICULAR MODE TO BE USED IS PRIMARILY DETERMINED BY TIME-OF-DAY AS ESTABLISHED BY THE PG&E RATE SCHEDULE, A-11, TIME-OF-USE METERING.

THE INTENT OF THE SYSTEM DESIGN IS OPTIMIZE COOLING PERFORMANCE BY:

1. NOT ALLOWING THE CHILLER AND CHILLER PUMP TO START DURING "ON-PEAK" HOURS AS DEFINED BY PG&E RATE STRUCTURE A-11.
2. RUNNING THE CHILLER AT FULL-LOAD DURING "OFF-PEAK" HOURS TO MAXIMIZE TANK CHARGING.
3. MINIMIZE CHILLER USAGE THE NEXT DAY DURING "PARTIAL-PEAK" HOURS BY USING UP STORED ICE FROM THE NIGHT BEFORE. SOME OPERATION DURING "PARTIAL-PEAK" HOURS WILL OCCUR BUT IN NO CASE SHOULD THE ICE STORAGE CAPACITY AT THE END OF THE DAY EXCEED 20% OF TOTAL STORAGE CAPACITY.
4. ALLOW SCHOOL PERSONNEL TO INTERACT WITH THE LOCAL EMS/CPU FOR SPECIAL PROGRAMMING THAT MAY BE REQUIRED ON ANY PARTICULAR DAY.

WHEN THE OUTSIDE AIR SENSOR SENSES A TEMPERATURE ABOVE 75°, THE CHILLED WATER PUMP, MARK 2, WILL START. WHEN FLOW HAS BEEN ESTABLISHED THROUGH THE CHILLED WATER LOOP FLOW SWITCH, THE AIR COOLED CHILLER WILL BE ABLE TO START UPON A SIGNAL FROM THE EMS/CPU.

A MIXING VALVE PLACED IN THE CHILLED WATER LOOP WILL BE CONTROLLED BY THE EMS/CPU AND WILL BYPASS SUPPLY WATER DIRECTLY BACK TO THE RETURN SO THAT WATER TEMPERATURE ENTERING THE CHILLER DOES NOT EXCEED 80°. IF THE SYSTEM WATER TEMPERATURE IS BELOW 80°, THE VALVE WILL BE FULLY OPEN. THE CHILLED WATER PUMP SHALL STAY ON AN ADDITIONAL 5 MINUTES AFTER SHUTDOWN OF THE CHILLER.

THE SYSTEM PUMP, MARK 4, WILL BE DIRECTED TO START BY THE EMS/CPU UPON A CALL FOR EITHER HEATING OR COOLING. IT WILL STAY ON FOR THE DURATION OF THE DAY AND WILL STAY ON AN ADDITIONAL 5 MINUTES AT THE END OF THE DAY TO MATCH THE DELAY OF THE BOILER OR CHILLER LOOP PUMP. THE SECOND SYSTEM PUMP, ALSO MARK 4, WILL COME ON AT ANY TIME DURING THE DAY AS REQUIRED BY THE COOLING OR HEATING "BTUH" REQUIREMENTS OF THE SYSTEM.

SYSTEM LOOP PRESSURIZATION

A SYSTEM PRESSURE TRANSMITTER IS LOCATED IN THE LOOP PIPING TO SENSE SYSTEM PRESSURIZATION. SYSTEM PRESSURE SHALL BE NOTED AND RECORDED AT LOOP WATER TEMPERATURE OF APPROXIMATELY 60°. THE SYSTEM PRESSURE SHALL BE CHECKED EACH MORNING, PRIOR TO STARTUP, BY THE EMS/CPU. IF SYSTEM PRESSURE SHOULD FALL MORE THAN 15% BELOW THIS INITIAL VALUE, THE EMS/CPU SHALL ISSUE A WARNING MESSAGE: "SYSTEM PRESSURE IS xx % BELOW INITIAL FILL VALUE. POSSIBLE SYSTEM LEAK. SYSTEM LOOP MAY NEED TO BE MANUALLY REFILLED AND GLYCOL LEVEL RECHECKED."

PACKAGE UNIT CONTROL TYP. FOR STAGE, ADMIN., TEACHERS LOUNGE

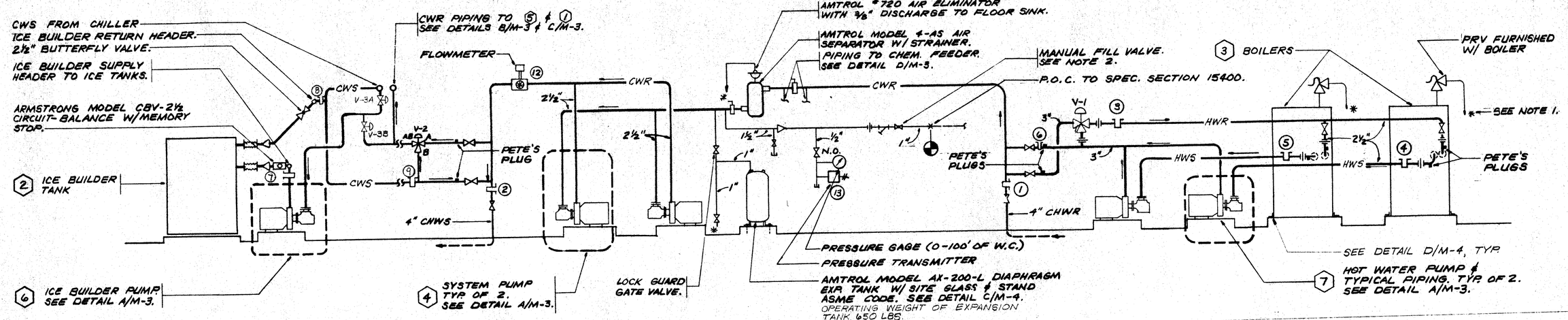
PACKAGE GAS-ELECTRIC AIR CONDITIONING UNITS ARE STARTED IN THE MORNING AND SHUT OFF IN THE AFTERNOON BY THE EMS/CPU. PROVIDE WALL MTD. SENSOR AND OPTIMAL START CAPABILITIES. THESE UNITS HAVE BYPASS TIMERS TO ALLOW FOR AIR CONDITIONING AT TIMES OTHER THAN SCHEDULED HOURS.

MULTI-USE ROOM AIR CONDITIONING CONTROL

EACH ROOFTOP HEATING-COOLING UNIT IS STARTED OR STOPPED FROM THE CENTRAL E.M.S. OR BY A REMOTE 2-HOUR BYPASS TIMER. THE BYPASS TIMERS FOR ALL FOUR HEATING-COOLING UNITS ARE GROUPED TOGETHER IN ONE LOCATION.

EXHAUST FAN CONTROL THERE ARE FOUR STEPS OF EXHAUST FAN CONTROL: 1) ONE FAN ON LOW SPEED, 2) THE SAME FAN ON HIGH SPEED, 3) THE SECOND FAN ON LOW SPEED, AND 4) THE SECOND FAN ON HIGH SPEED. IF 3 OR MORE UNITS ARE ON, ONE OF THE ECONOMIZER EXHAUST FANS WILL START ON LOW SPEED. IF ANY TWO UNITS ARE ON, INCREMENT STEPS BY ONE FOR EACH "AUXILIARY POSITION SWITCH" THAT CLOSES (INDICATING ECONOMIZER O.A. DAMPER IS 80% OPEN).

NOTE: ALL VALUES SUCH AS TEMPERATURE AND PRESSURE SETTINGS, TIME DELAYS, FLOW RATE SETTINGS, MACHINE CAPACITIES, ETC., SHALL BE SET UP AS SYSTEM VARIABLES AND SHALL BE CHANGEABLE BY OWNER.



CENTRAL SYSTEM PIPING AND FLOW DIAGRAM

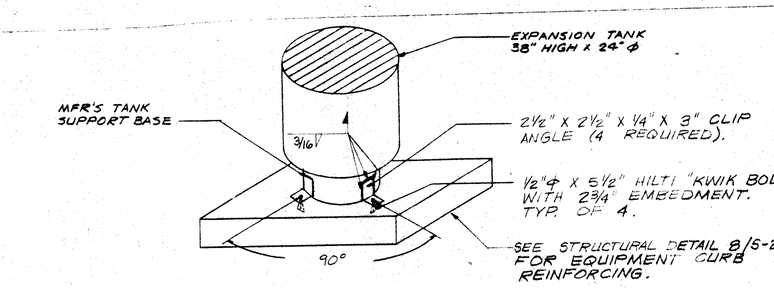
DETAIL (B / M-4)

DIAGRAMMATIC

NOTES:

1. PIPING SYMBOLIZED WITH * INDICATES PIPING TO BE ROUTED DOWN TO NEAREST FLOOR SURFACE + 6". PIPING SO ROUTED FROM PRESSURE RELIEF VALVES SHALL BE FULL SIZE AND SHALL BE SUPPORTED INDEPENDENTLY SO THAT NO WEIGHT IS APPLIED TO THE PRV.
2. MANUAL FILL VALVE WITH LABEL TO READ: "MANUAL FILL VALVE IS ONLY TO BE USED TO FILL SYSTEM UPON START-UP OR LOSS OF SYSTEM FLUID AS DETERMINED BY SYSTEM PRESSURE. VALVE SHALL BE LEFT IN THE NORMALLY CLOSED POSITION."

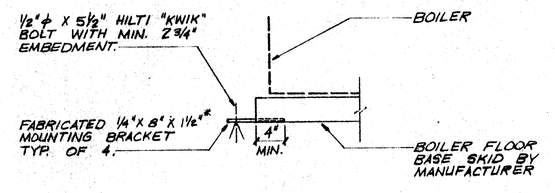
INPUT CONTROL POINT SCHEDULE	
INPUT POINT #	DESCRIPTION OF CONTROL POINT
1	SYSTEM RETURN WATER TEMPERATURE
2	SYSTEM SUPPLY WATER TEMPERATURE
3	WATER TEMPERATURE ENTERING BOILER(S)
4	WATER TEMPERATURE LEAVING BOILER #1
5	WATER TEMPERATURE LEAVING BOILER #2
6	HOT WATER TEMPERATURE SUPPLY TO MAIN LOOP
7	WATER TEMPERATURE ENTERING ICE BANK
8	WATER TEMPERATURE LEAVING ICE BANK
9	CHILLED WATER LOOP SUPPLY TEMPERATURE
10	WATER TEMPERATURE ENTERING CHILLER
11	WATER TEMPERATURE LEAVING CHILLER
12	SYSTEM LOOP FLOWMETER
13	SYSTEM LOOP PRESSURE
14	OUTSIDE AIR SENSOR
15	PULSE RESET SWITCH FROM UTILITY METER
16	SPARE



EXPANSION TANK MOUNTING

DETAIL (C / M-4)

NO SCALE



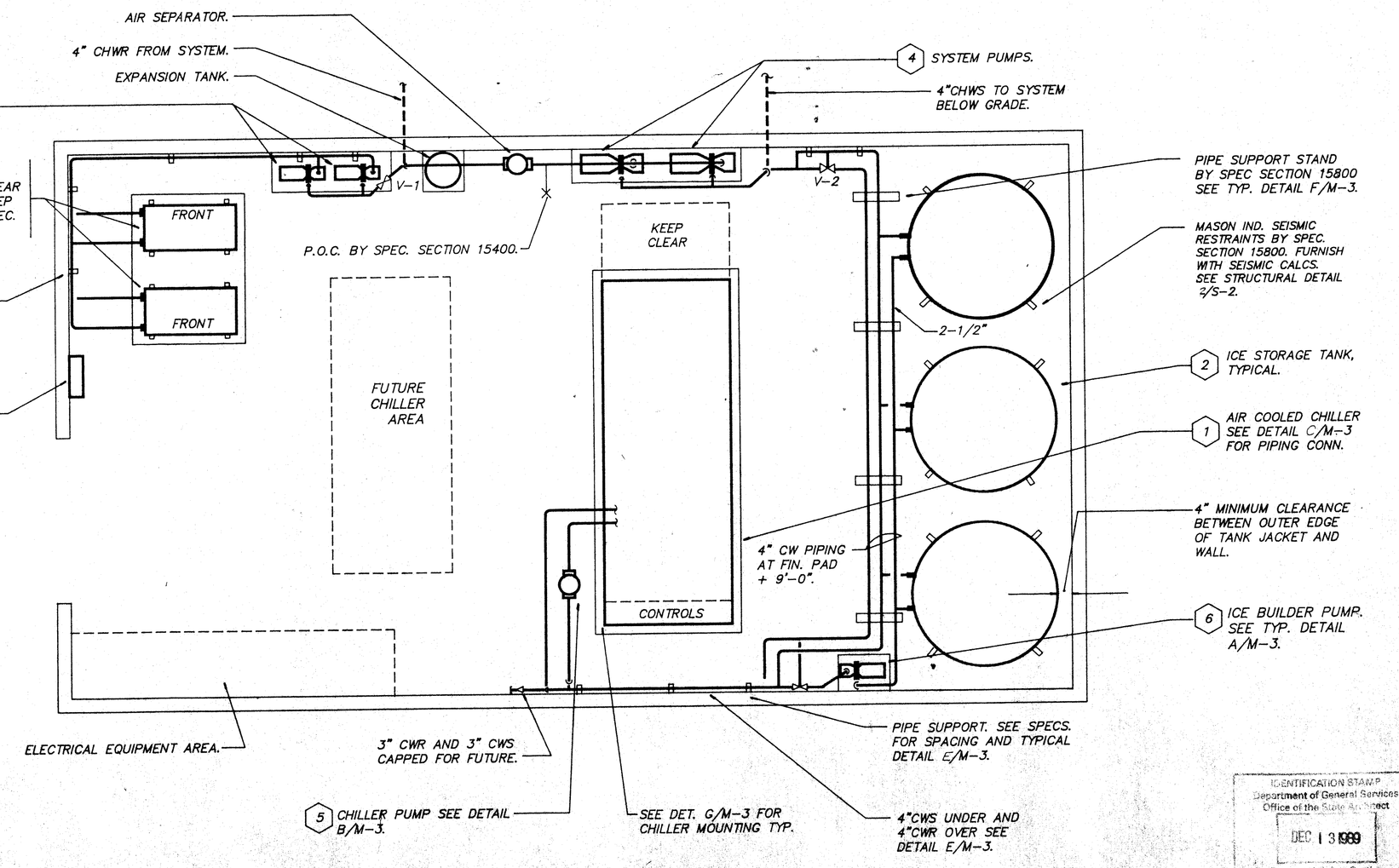
BOILER ANCHORAGE

DETAIL (D / M-4)

NO SCALE

NOTE:

* TO PROVIDE SNUG FIT IN BOILER BASE SKID.



MECHANICAL EQUIPMENT ENCLOSURE

SCALE: 1/4"=1'-0" (A / M-4)

NOTES: 1. PIPING LAYOUT SHOWN ABOVE IS DIAGRAMATIC.
2. CONTRACTOR TO PROVIDE COMPLETE SYSTEM PIPING ISOMETRIC FOR REVIEW ALONG WITH EQUIPMENT AND MATERIAL SUBMITTALS.

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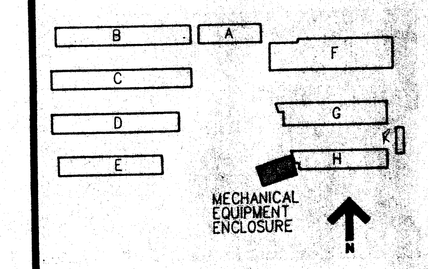
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS
	1
	2
	3
	4

SHEET TITLE

MECHANICAL EQUIP. AREA SYSTEM PIPING DIAGRAM & CONTROLS

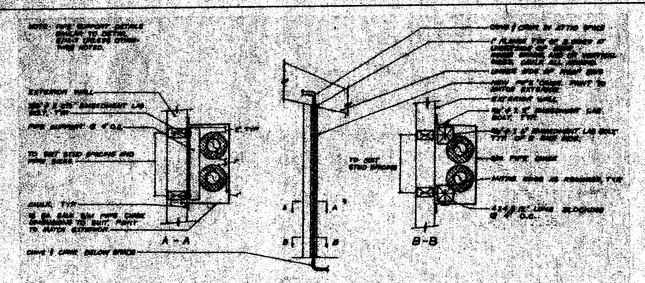
IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
DEC 13 1999
Structural Safety Section
Appl. # A51134
Reviewed By

APPROVED/ARCHITECT
CHECKED JFM
DRAWN BY MJB
DATE 8-1-89
PROJECT NO. 86-216W

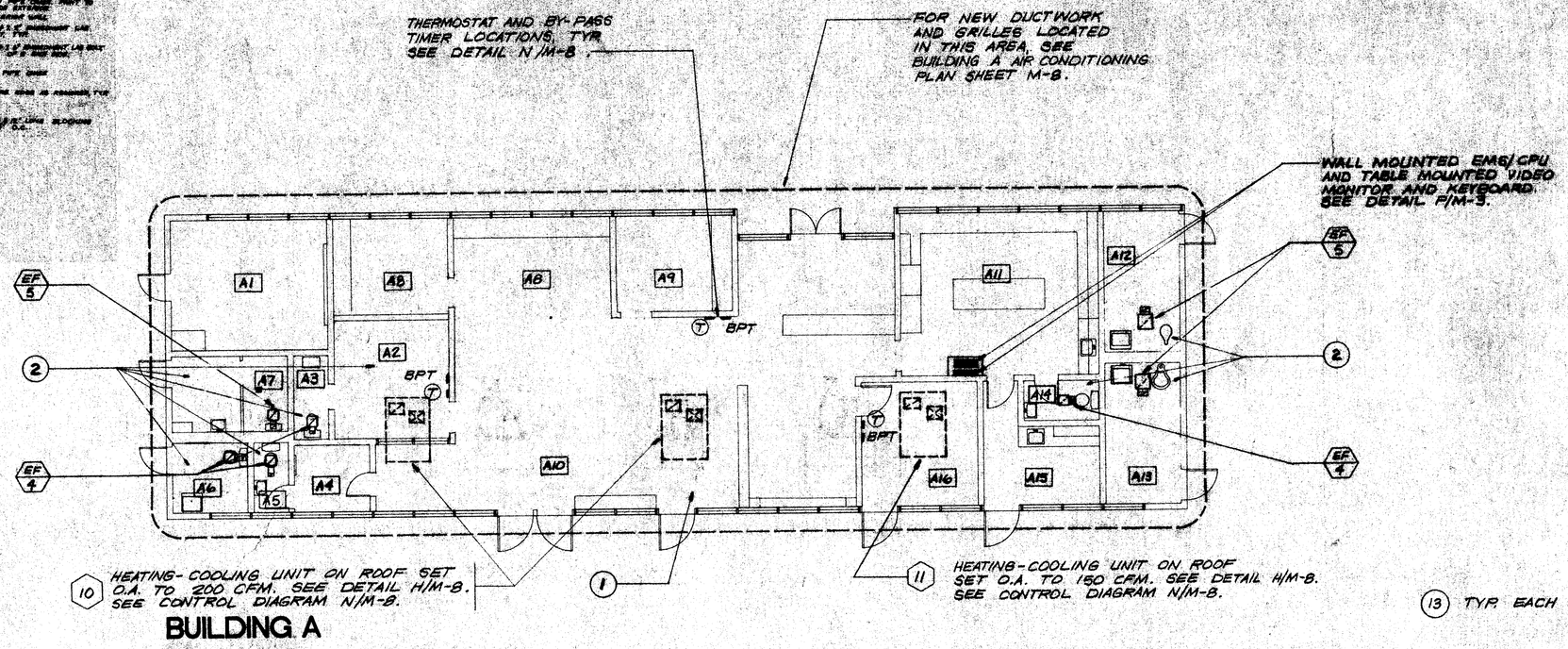
SHEET NUMBER

M - 4

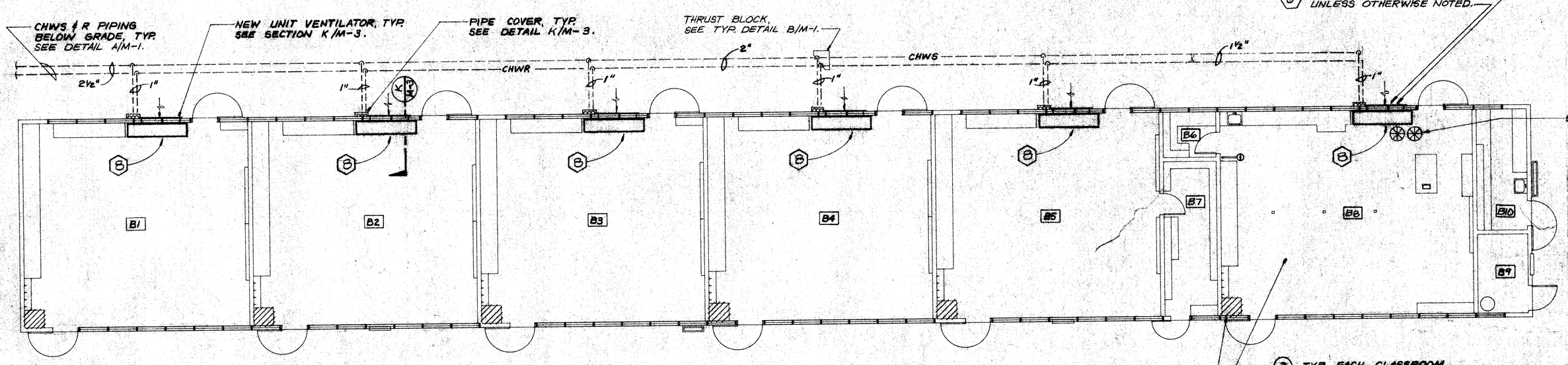
OF 8 SHEETS



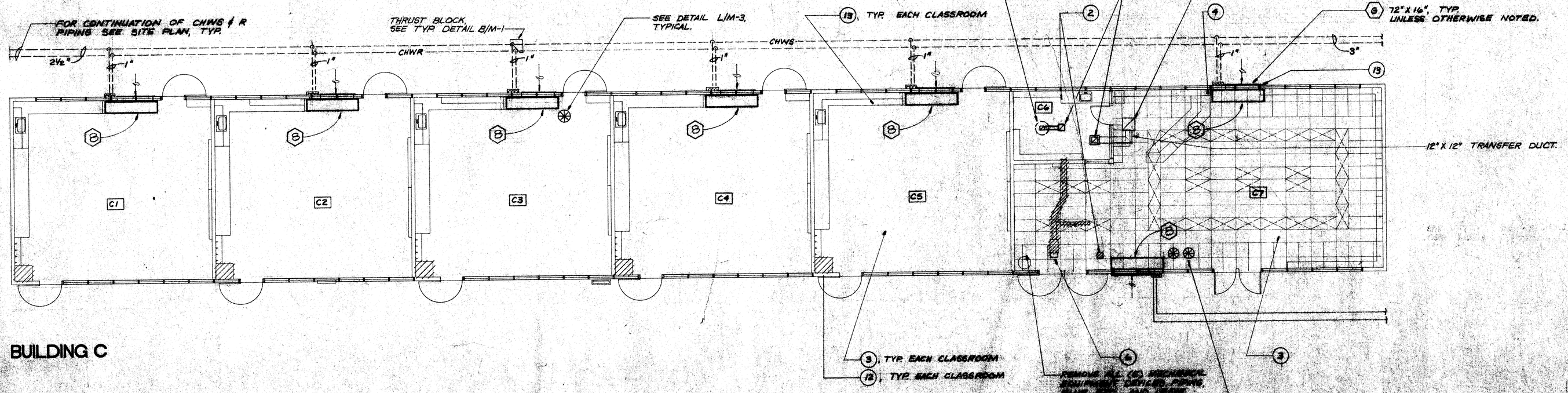
VERTICAL PIPE CHASE
DETAIL (B / M-3) NO SCALE



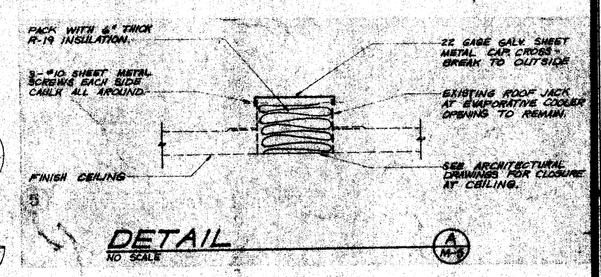
BUILDING A



BUILDING B



BUILDING C



DETAIL (A / M-8) NO SCALE

DEMOLITION NOTES:

1. REMOVE EXISTING PACKAGED AIR CONDITIONING UNITS AND SUPPORTS, ADJOINING DUCT WORK, GRILLES, ETC.
2. REMOVE EXISTING EXHAUST FAN ON GRAVITY VENT, DUCT THRU ROOF, ROOF JACK, ETC.
3. REMOVE EXISTING EVAP. COOLER AND SUPPORT, DUCT THRU ROOF, GRILLE ASSEMBLY, ETC. SEE DETAIL K/M-5. FOR BAROMETRIC RELIEF IN CLASSROOMS, SEE DETAIL N/M-8.
4. REMOVE EXISTING UNIT VENTILATOR, OSA LOUVER, ETC., CAP PIPING BELOW FLOOR.
5. REMOVE EXISTING BOILER, EXPANSION TANK, PUMPS, PIPING IN MECHANICAL ROOM, ETC. CAP PIPING BELOW FLOOR, UNLESS OTHERWISE NOTED.
6. REMOVE EXISTING FAN COIL, ADJOINING DUCTWORK, GRILLES, ETC.
7. REMOVE EXISTING UNIT VENTILATORS, ADJOINING DUCTWORK, ETC., EXCEPT THAT WHICH IS TO BE USED FOR NEW AIR CONDITIONING SYSTEM.
8. REMOVE EXISTING UNIT VENTILATORS, ADJOINING DUCTWORK, GRILLES, ETC.
9. REMOVE EXISTING UNIT HEATER, DUCTWORK, SUPPORT, ETC.
10. REMOVE EXISTING CONVECTOR HEATER, CAP PIPING BELOW FLOOR, ETC.
11. REMOVE EXISTING HOT WATER COIL, SUPPORT, EXPOSED PIPING, ETC.
12. REMOVE EXISTING GAS FIRED FLOOR MOUNTED FURNACE, SUPPORT, PLENUM, GRILLE, FLUE THRU ROOF, ETC.
13. REMOVE EXISTING OSA LOUVER.

* SEE PLANS AND SPECIFICATIONS FOR ADDITIONAL NOTES THAT MAY APPLY TO DEMOLITION SCOPE.

SOME EXISTING EQUIPMENT IS SHOWN CROSS-HATCHED INDICATING DEMOLITION. THE LOCATION AND CONFIGURATION IS APPROXIMATE AND SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. IT IS THE CONTRACTORS RESPONSIBILITY TO FULLY INVESTIGATE EXISTING SYSTEMS PRIOR TO BID. SEE GENERAL NOTES, SHEET M-1.

DEMOLITION OF ALL WATER AND GAS PIPING, AND DRAINS BY SPECIFICATION SECTION 15400.

DEMOLITION OF ALL EXISTING HVAC CONTROLS SUCH AS THERMOSTATS, BY-PASS TIMERS, TIME CLOCKS, TEMPERATURE CONTROL PANELS, ETC., IS TO BE DONE UNDER SPECIFICATION SECTION 15800.

DEMOLITION NOTES APPLICABLE TO ALL MECHANICAL SHEETS. SEE PLANS.

AIR CONDITIONING PLANS

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

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8810.2

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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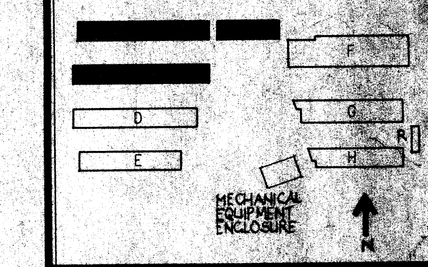
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9.2.91	BIDDING

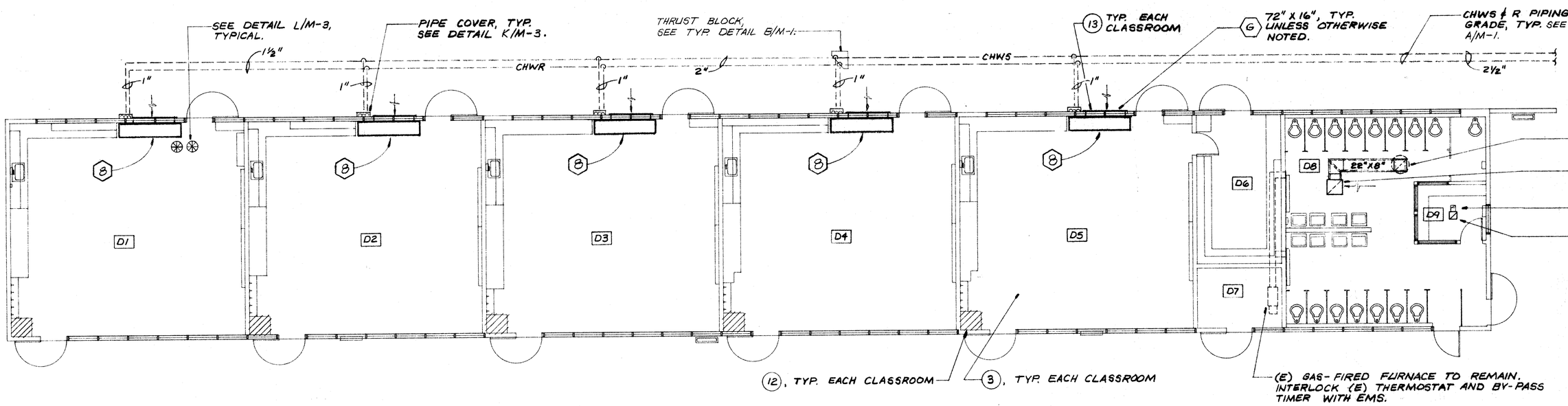
DATE	REVISIONS

SHEET TITLE
AIR CONDITIONING PLAN
BUILDING A, B, C

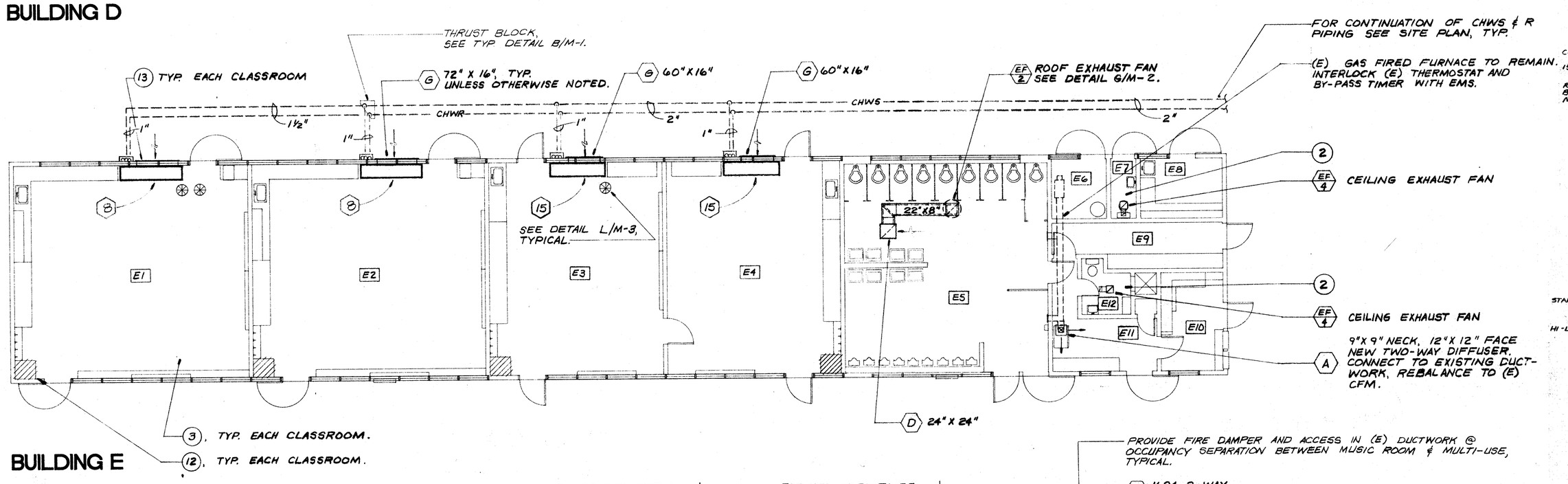
IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
DEC 1 3 1993
Structural Safety Section
Appl. #
Documents Filed By

APPROVED ARCHITECT
CHECKED JFM
DRAWN BY MJR
DATE
REVISIONS

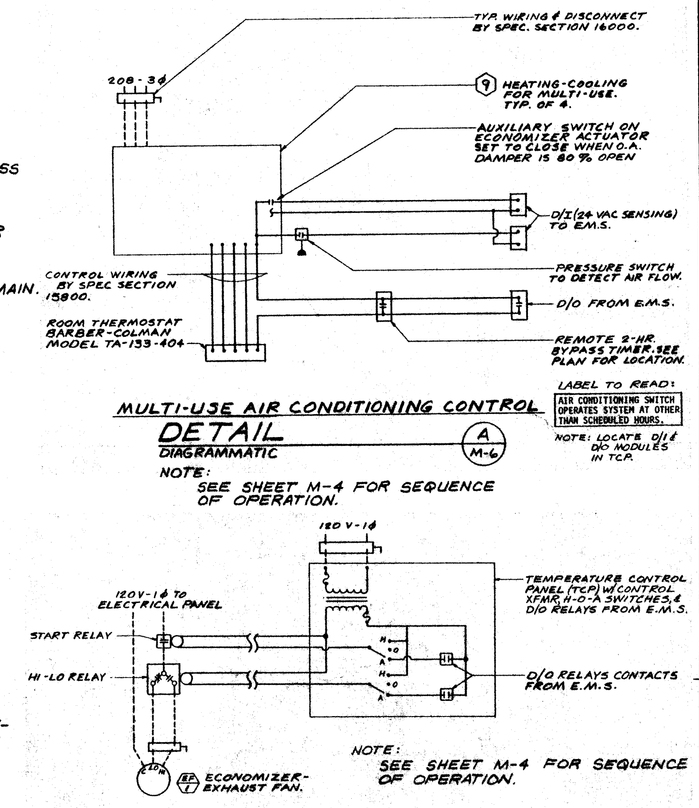
SHEET NUMBER M-5

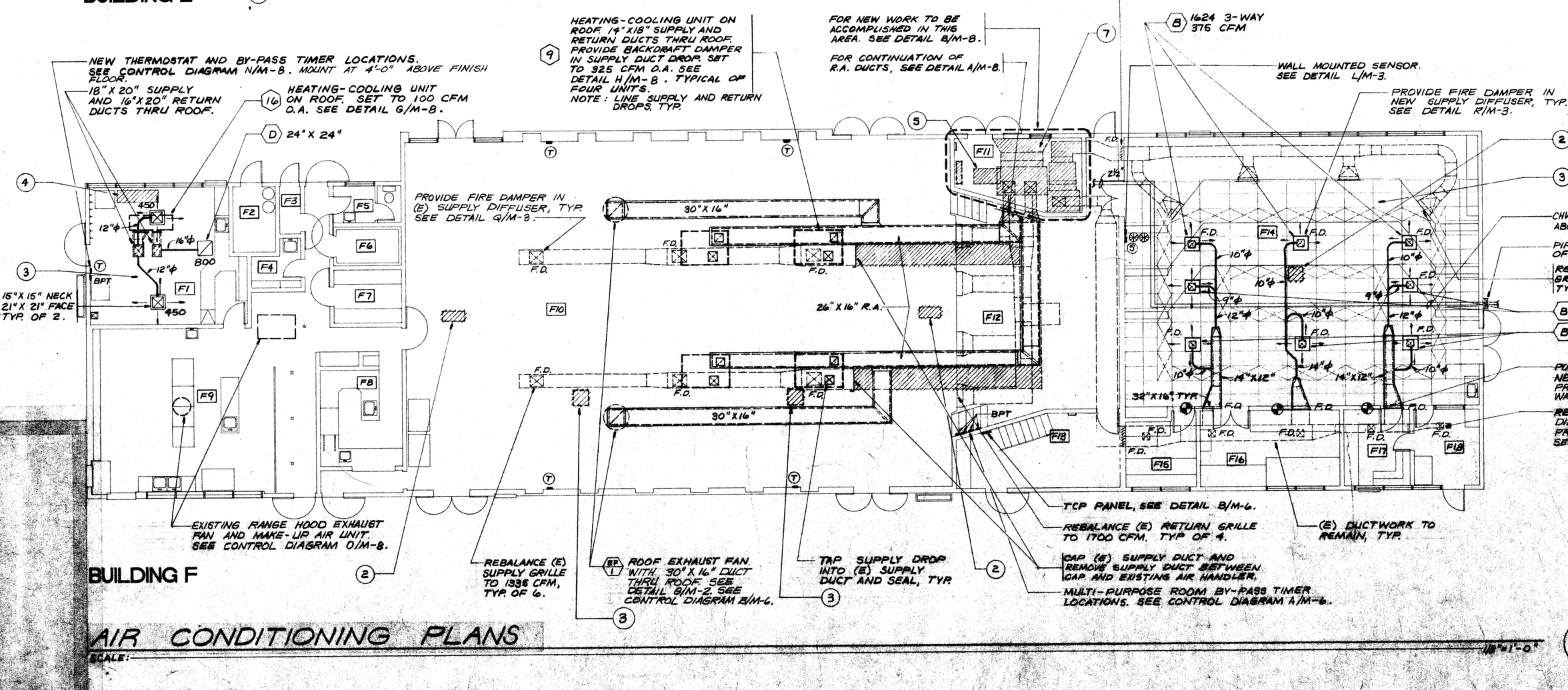


BUILDING D



BUILDING E





BUILDING F

AIR CONDITIONING PLANS

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

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Architecture • Engineering • Interior Design/Space Planning

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8810.2

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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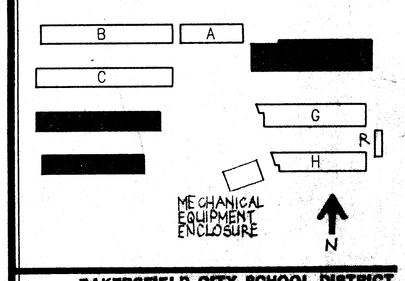
KEY PLAN



SAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-7-91	BIDDING

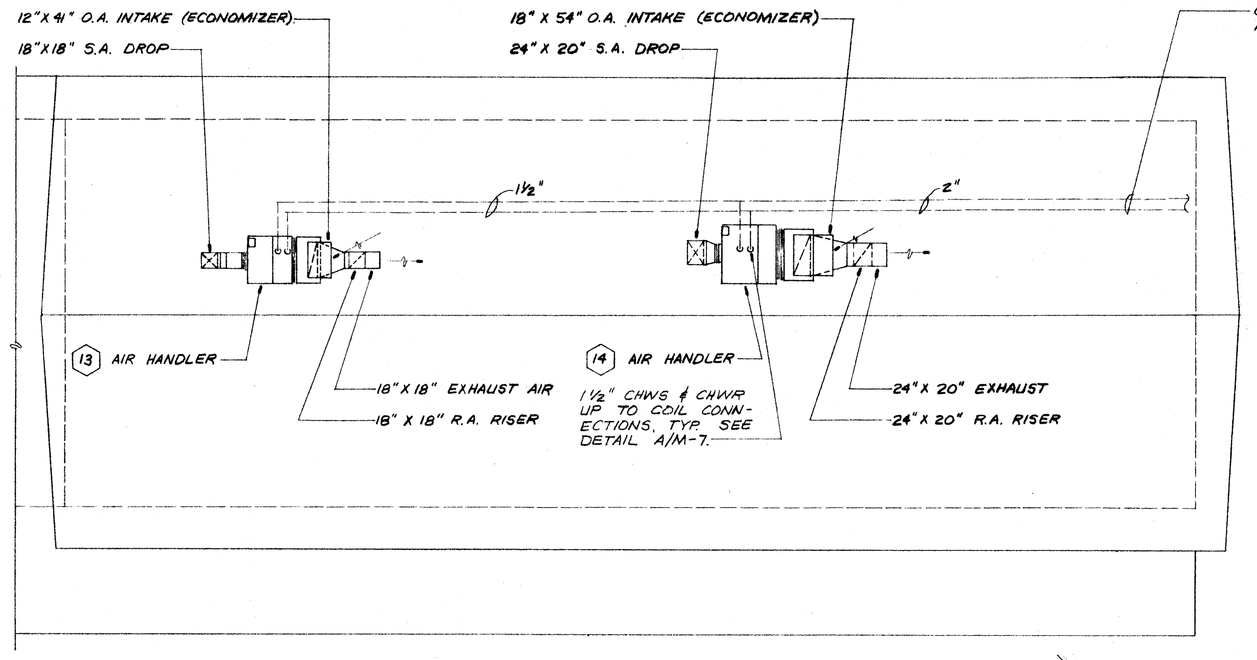
DATE	REVISIONS

SHEET TITLE
AIR CONDITIONING PLAN
BUILDING D,E,F

APPROVED/ARCHITECT
CHECKED
DRAWN BY
DATE 8-1-87
PROJECT NO. 86-216W

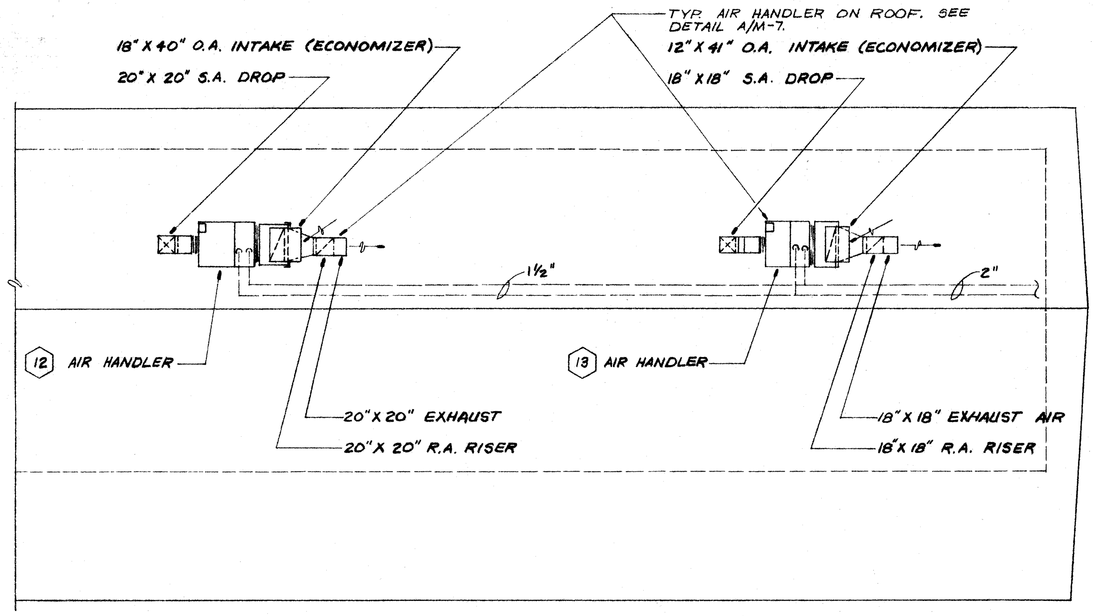
SHEET NUMBER 86216WE2BB
M-6
OF SHEETS

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
DEC 13 1989
Structural Safety Section
A515470 NPLA



PARTIAL ROOF PLAN BUILDING "G"

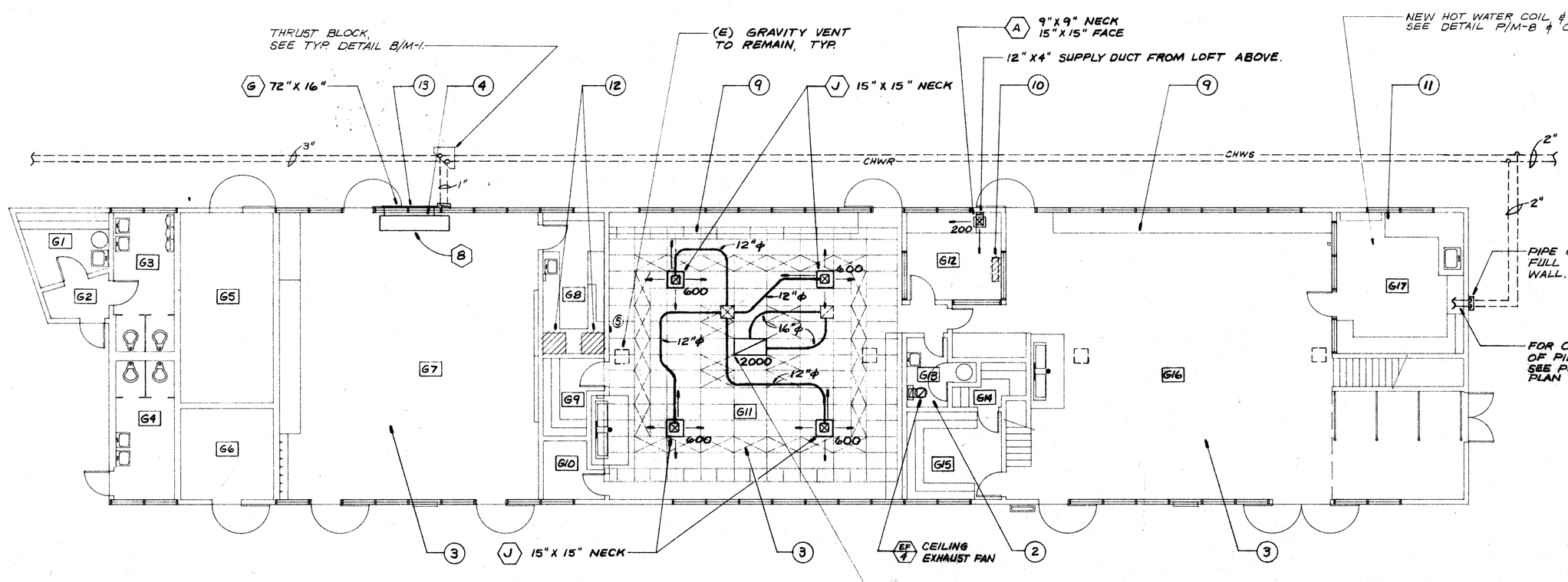
SCALE: 1/8"=1'-0"



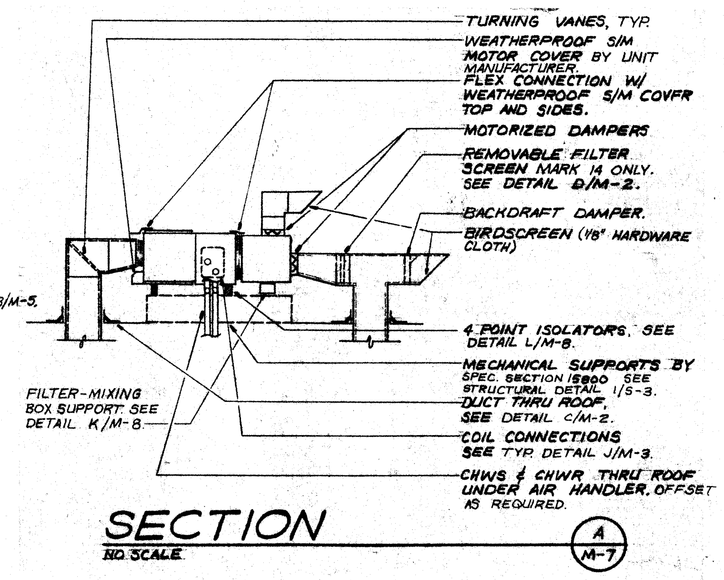
PARTIAL ROOF PLAN BUILDING "H"

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

DIRECTION OF PREVAILING WIND



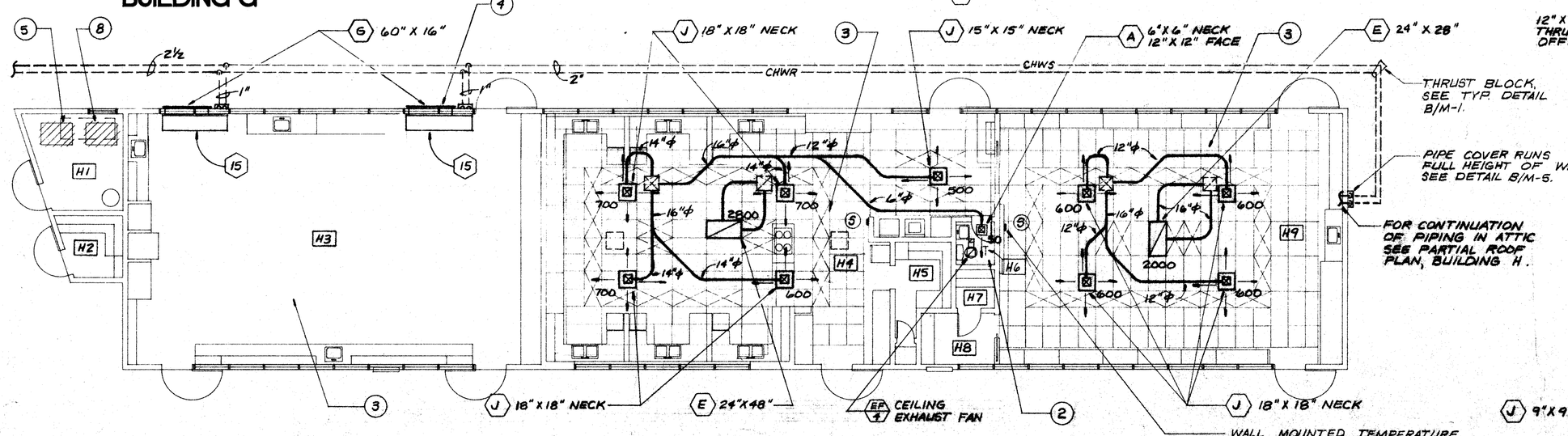
BUILDING G



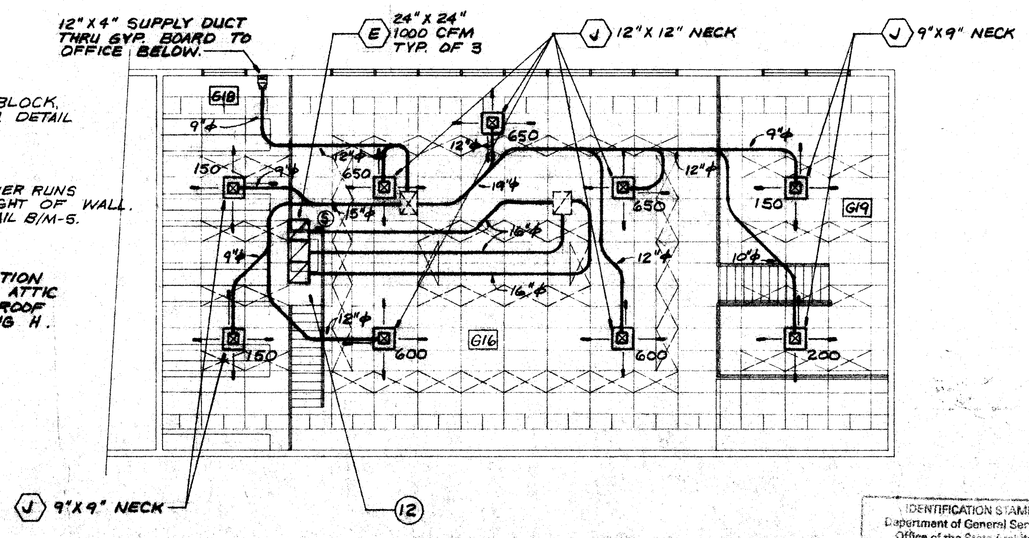
SECTION

NO SCALE

A / M-7



BUILDING H



BUILDING G LOFT

AIR CONDITIONING PLANS

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

DIRECTION OF PREVAILING WIND

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
DEC 13 1989
Structural Safety Section
AS-1136-89

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CONSULTING MECHANICAL ENGINEERS
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PROJECT

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WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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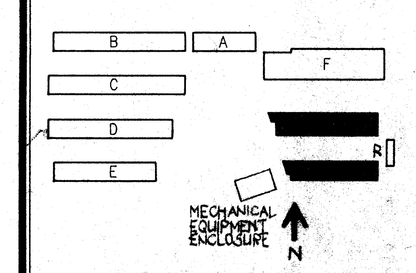
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

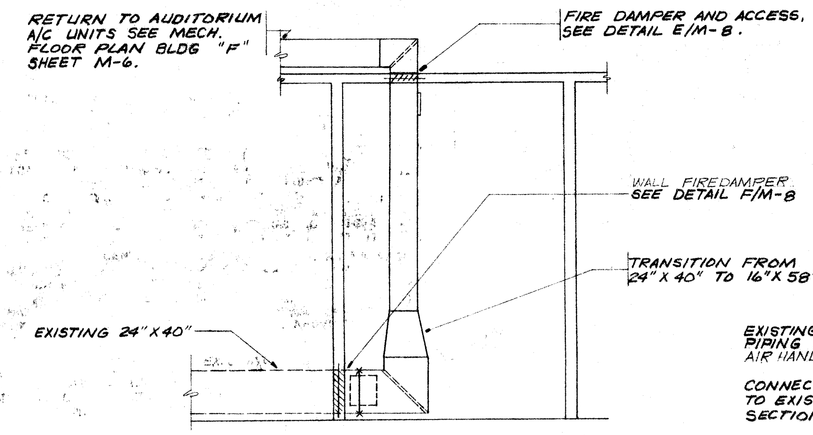
DATE	ISSUED FOR
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE
AIR CONDITIONING PLAN
BUILDINGS G & H

APPROVED: ARCHITECT
CHECKED JFM
DRAWN BY MJB
DATE 8-1-89
PROJECT NO. 86-216W

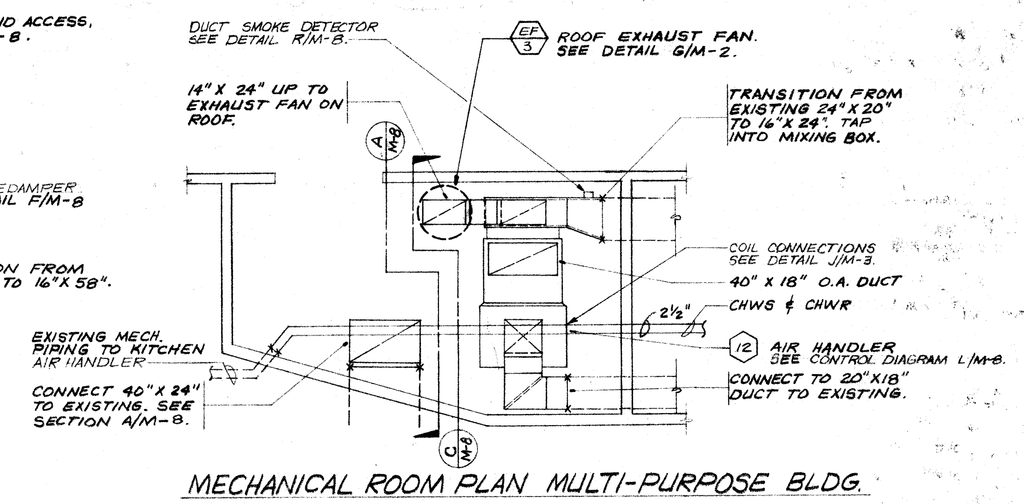
SHEET NUMBER 86216ME23CB
M-7
OF 8 SHEETS



AUDITORIUM RETURN AIR DUCT

SECTION (A / M-8)

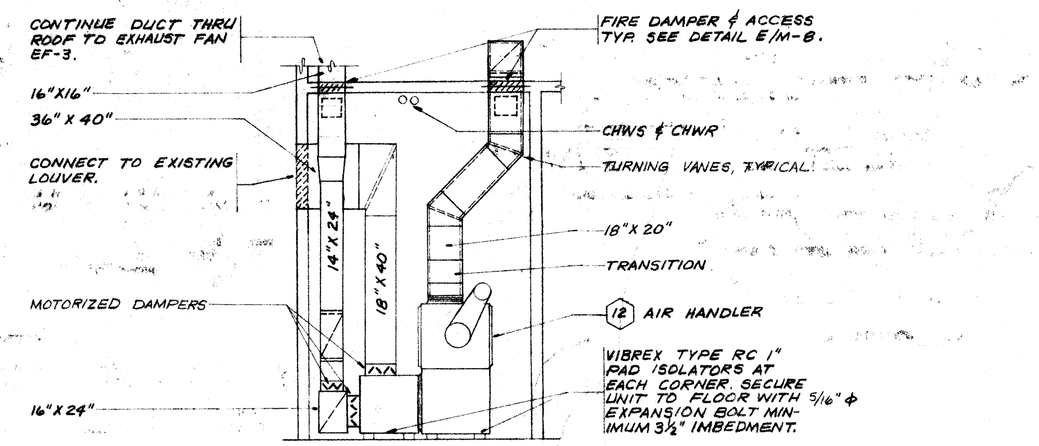
SCALE: 1/4"=1'-0"



MECHANICAL ROOM PLAN MULTI-PURPOSE BLDG.

DETAIL (B / M-8)

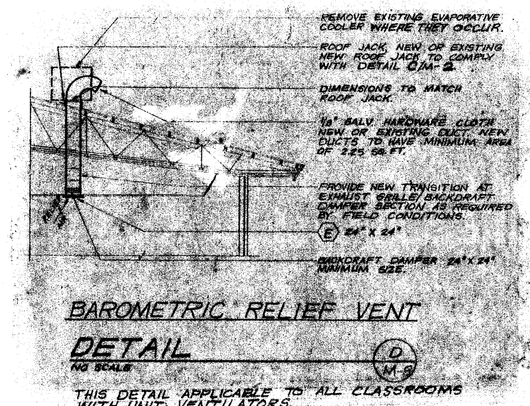
SCALE: 1/4"=1'-0"



INSTRUMENT ROOM AIR HANDLER

SECTION (C / M-8)

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

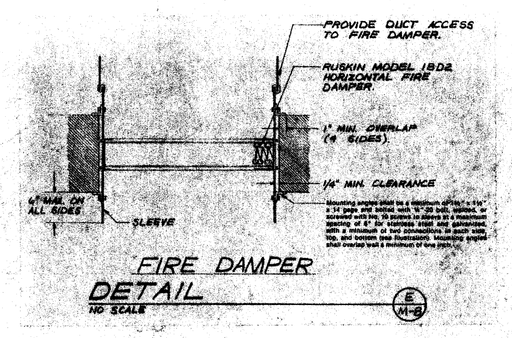


BAROMETRIC RELIEF VENT

DETAIL (D / M-8)

NO SCALE

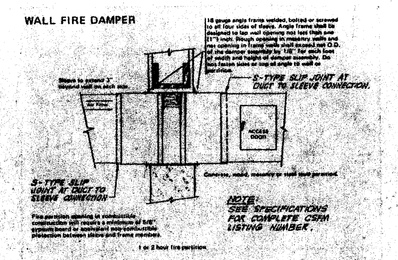
THIS DETAIL APPLICABLE TO ALL CLASSROOMS WITH UNIT VENTILATORS.



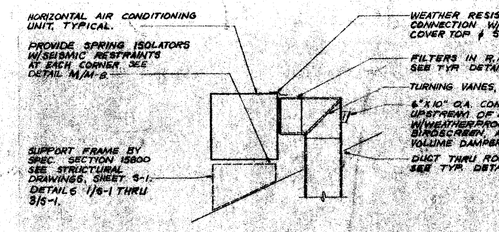
FIRE DAMPER

DETAIL (E / M-8)

NO SCALE

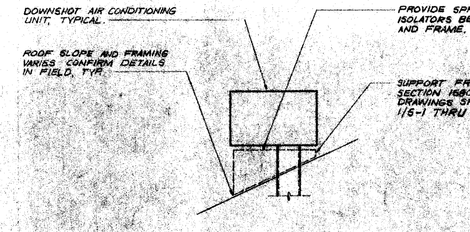


DETAIL (F / M-8)



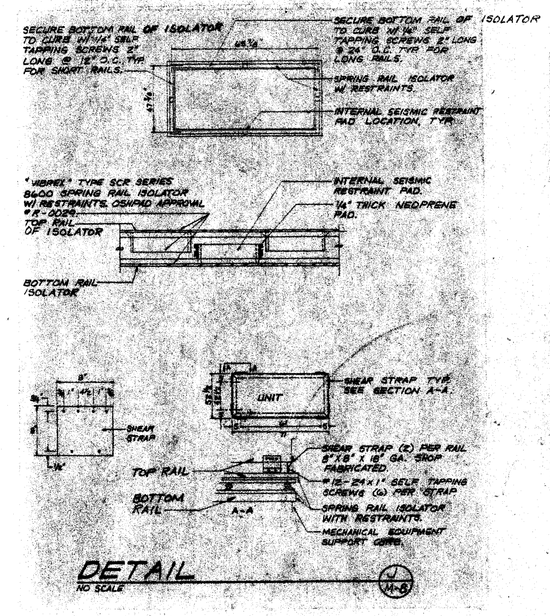
DETAIL (G / M-8)

NO SCALE



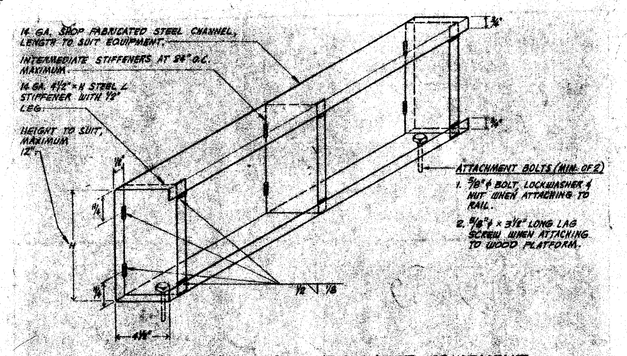
DETAIL (H / M-8)

NO SCALE



DETAIL (I / M-8)

NO SCALE

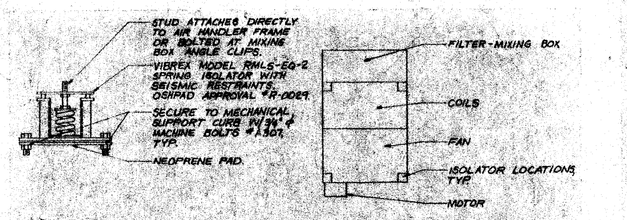


SPACER FOR MOUNTING NON-ISOLATED EQUIPMENT

DETAIL (K / M-8)

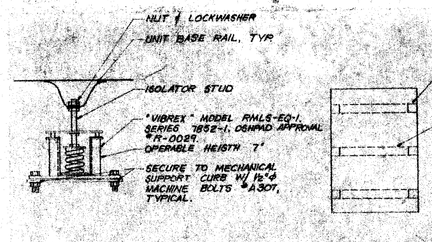
NO SCALE

NOTES:
1. OPEN SECTION OF CHANNEL SHALL FACE TOWARDS THE INSIDE.
2. PAINT ENTIRE ASSEMBLY WITH ONE SHOP COAT OF METAL PRIMER, FOLLOWED BY A FINISH COAT, COLOR TO MATCH EQUIPMENT.



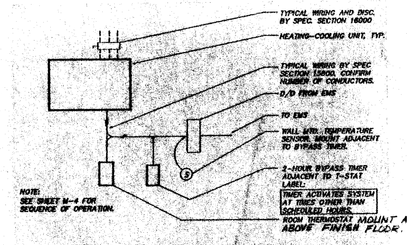
DETAIL (L / M-8)

NO SCALE



DETAIL (M / M-8)

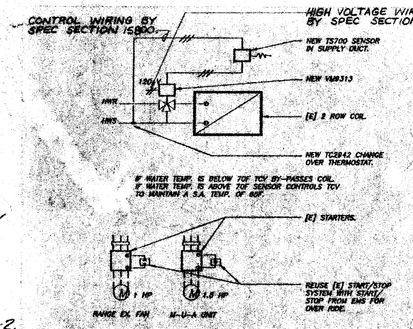
NO SCALE



PACKAGE UNIT CONTROL DIAGRAM

DETAIL (N / M-8)

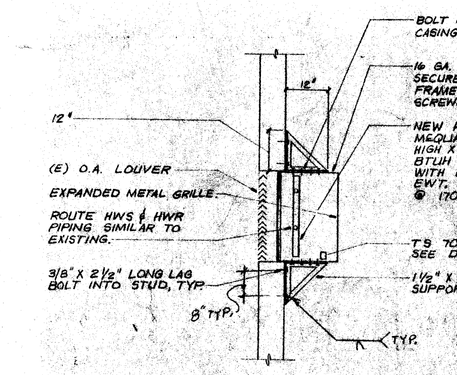
DIAGRAMMATIC



KITCHEN SYSTEM CONTROL DIAGRAM

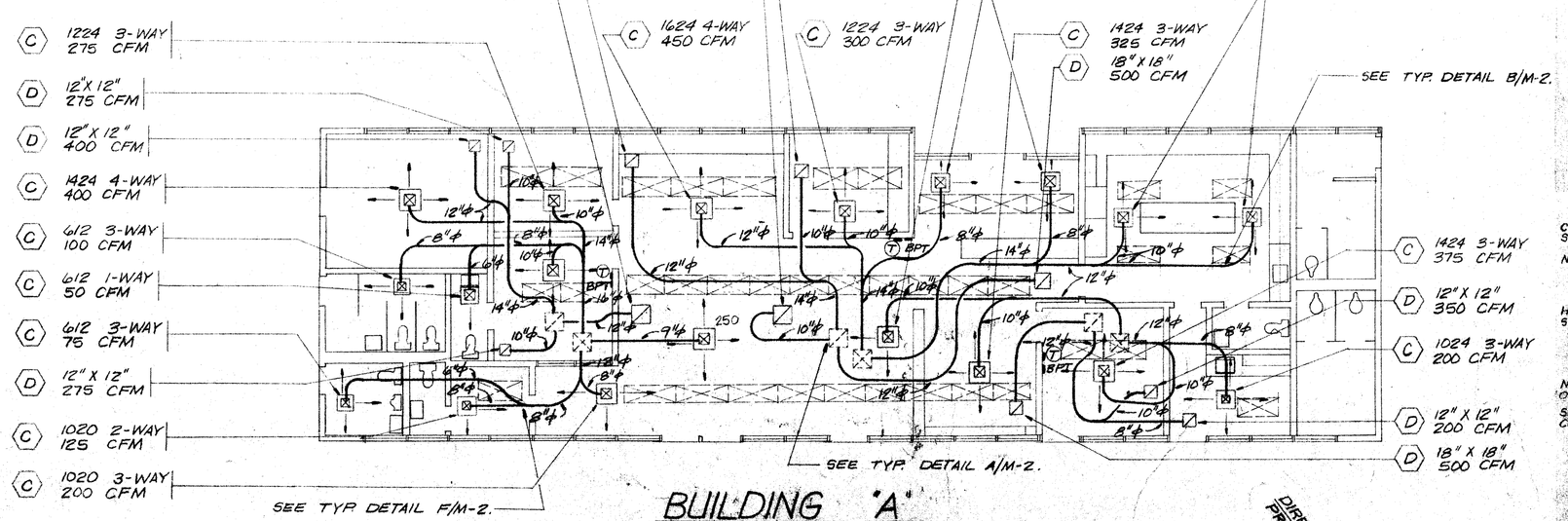
DETAIL (O / M-8)

NO SCALE



DETAIL (P / M-8)

NO SCALE

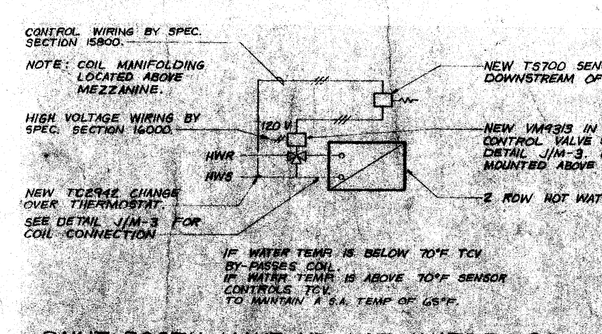


BUILDING "A"

AIR CONDITIONING PLAN

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

NOTES:
1. GRILLE, THERMOSTAT AND BY-PASS TIMER LOCATIONS ARE APPROXIMATE. CONFIRM EXACT LOCATION WITH ARCHITECT.
2. ALL DUCT INSULATION AND LINER SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 25 AND A SMOKE DEVELOPED RATING OF NOT MORE THAN 50.



PAINT BOOTH MAKE-UP HOT WATER COIL

DETAIL (Q / M-8)

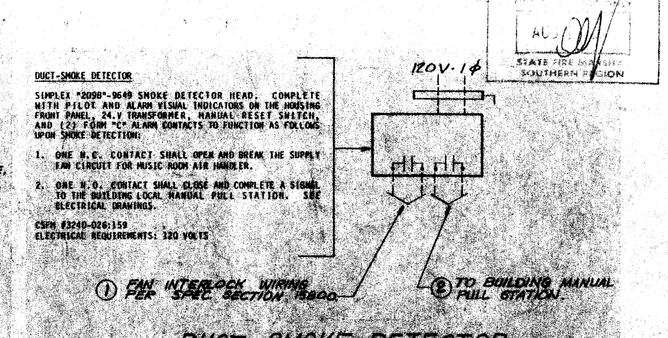
NO SCALE

DUCT-SMOKE DETECTOR

SIMPLEX #2098-9649 SMOKE DETECTOR HEAD, COMPLETE WITH PILOT AND ALARM VISUAL INDICATORS ON THE HOUSING FRONT PANEL, 24.V TRANSFORMER, MANUAL RESET SWITCH, AND (2) FORM "C" ALARM CONTACTS TO FUNCTION AS FOLLOWS UPON SMOKE DETECTION:

1. ONE N.O. CONTACT SHALL OPEN AND BREAK THE SUPPLY FAN CIRCUIT FOR MUSIC ROOM AIR HANDLER.
2. ONE N.O. CONTACT SHALL CLOSE AND COMPLETE A SIGNAL TO THE BUILDING LOCAL MANUAL PULL STATION. SEE ELECTRICAL DRAWINGS.

CSFM #3240-0261:59
ELECTRICAL REQUIREMENTS: 120 VOLTS



DUCT-SMOKE DETECTOR

DETAIL (R / M-8)

DIAGRAMMATIC

INTERCEPTION STAMP
Department of General Services
Structural Safety Section
A51147
NPL

STATE FIRE MARSHAL
SOUTHERN DIVISION

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Donald W. Renfro AIA C 5283
Mark E. Russell AIA C 13726
4800 Stockdale Highway, Suite 304, Bakersfield, California 93309 (805) 327-7075

CONSULTANTS

FRANK MITCHELL M12910 Expires 9/1/90
JOHN FRANK MITCHELL, INC.
CONSULTING MECHANICAL ENGINEERS
PHONE 323-3399
4644 WEST JENSEN, SUITE 107
FRESNO, CALIFORNIA 93722
8810.2

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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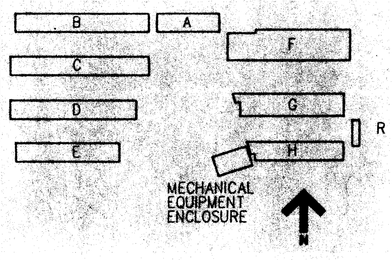
KEY PLAN



DATE	ISSUED FOR
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE
DETAILS

APPROVED/ARCHITECT
CHECKED JFM
DRAWN BY MJB
DATE 8-1-89
PROJECT NO. 86-216W

SHEET NUMBER
M - 8
OF 8 SHEETS

PLUMBING FIXTURE SCHEDULE

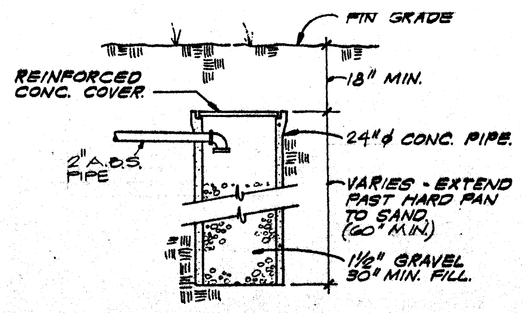
MARK	FIXTURE	CONNECTIONS CW	HW	SOIL	VENT	DESCRIPTION
WC 1	WATER CLOSET (HANDICAP)	1-1/2"	-	4"	2"	AMERICAN STANDARD "TRIBOR" #2342.012, FLOOR MTD., ELONGATED BOWL; BENEKE #SL 502-SS 2" LIFT SEAT, OPEN FRONT LESS COVER; SLOAN ROYAL 110 FLUSH VALVE.
WC 2	WATER CLOSET	1-1/2"	-	4"	2"	REMOVE AND REINSTALL EXISTING WATER CLOSET(FOR NEW FLOORING;), SLOAN ROYAL #115-3 FLUSH VALVE CUT TO FIT, BENEKE 527SS SEAT-WHITE. RECONNECT TO EXISTING SERVICES AS REQUIRED.
WC 3	WATER CLOSET	3/4"	-	4"	2"	AMERICAN STANDARD "CADET" MODEL 2812.053 ELONGATED BOWL, BENEKE #527SS SEAT-WHITE;
NOT USED	WATER CLOSET	1-1/2"	-	4"	2"	REINSTALL EXISTING WALL MTD. FLUSH VALVE WATER CLOSET; SLOAN ROYAL 115-3 FLUSH VALVE CUT TO FIT; BENEKE 527SS SEAT-WHITE; PROVIDE ZURN 1208 SINGLE VERTICAL CARRIER IF EXISTING IS DAMAGED, RECONNECT TO EXISTING SERVICES AS REQUIRED.
WC 5	WATER CLOSET (HANDICAP)	3/4"	-	4"	2"	AMERICAN STANDARD "ELONGATED WATER-SAVER CADET" MODEL #2108.408, 18" BOWL HEIGHT; BENEKE #527 SS SEAT-WHITE.
UR 1	URINAL (HANDICAP)	1-1/4"	-	2"	1-1/2"	AMERICAN STANDARD "ALLBROOK" #6540.017, WALL MTD.; SLOAN ROYAL #180 FLUSH VALVE; ZURN 1222 SERIES CARRIER MOUNT AT 17" MAX. TO LIP AND 44" MAX. TO ℄ OF FLUSH VALVE. PROVIDE COTW.
UR 2	URINAL	1-1/4"	-	2"	1-1/2"	SAME AS U-1 ABOVE EXCEPT LESS HANDICAP REQUIREMENTS.
L 1	LAVATORY	1/2"	1/2"	2"	1-1/2"	AMERICAN STANDARD "LUCERNE" MODEL 0355.012, 20" X 18", 4" CENTERS, #2411.015 GRID DRAIN, #2000.100 "CERAMIX" FAUCET WITHOUT ROD AND WASTE; ZURN #28-1231 CONCEALED ARM SUPPORT SYSTEM, PROVIDE 29" MIN. CLEARANCE FROM LOWER EDGE OF APRON TO FLOOR, INSULATE EXPOSED HW AND WASTE PIPING TO MEET HANDICAP REQUIREMENTS.
L 2	LAVATORY (HANDICAP)	1/2"	-	2"	1-1/2"	AMERICAN STANDARD "LUCERNE" MODEL #356.421, 20" X 18", SINGLE HOLE, #2411.015 GRID DRAIN, CHICAGO #355-E12 "TIP-TAP" SELF-CLOSING FAUCET INDEXED "C" ADJUST FAUCET TO STAY OPEN FOR 10 SECONDS; ZURN ZR-1231 CONCEALED ARM SUPPORT SYSTEM, PROVIDE 29" CLEARANCE FROM LOWER EDGE OF APRON TO FLOOR.
L 3	LAVATORY	1/2"	-	2"	1-1/2"	SAME AS L-2 ABOVE EXCEPT LESS HANDICAP REQUIREMENTS.
S 1	SINK	1/2"	-	2"	1-1/2"	HAWS MODEL 4120, 30" X 20", ENAM. C.I., #5055 BUBBLER W/4-ARM HANDLE MTD. ON RIGHT FRONT, #6455 STRAINER AND TAILPIECE, S.S. MTG. RIM; CHICAGO #350 QUATURN SINGLE DECK MOUNTED SINK FITTING W/NO. GN-2A-E3 RIGID GOOSENECK SPOUT AND NO. E3 VANDAL RESISTANT SOFTFLOW MTD. LEFT REAR. - REPLACE ANGLE STOP AND SUPPLY.
S 2	SINK	1/2"	-	2"	1-1/2"	SAME AS S-1 ABOVE EXCEPT PROVIDE ZURN #Z-1180 SOLIDS INTERCEPTOR FLOOR MTD. BELOW SINK.
S 3	SINK	1/2"	1/2"	2"	1-1/2"	AMERICAN STANDARD "CUSTOM-LINE" MODEL 7018.021, DOUBLE BOWL, 32" x 21" x 8" DEEP, 3-HOLE, ENAM. C.I., (2) #4331.013 CRUMB CUP STRAINERS, #2000.600 "CERAMIX" FAUCET. PROVIDE 17 GA. CHROME PLATED P-TRAP W/CLEANOUT AND ESCUTCHEON. STAINLESS STEEL HUDEE RING.
DF 2	DRINKING FOUNTAIN (HANDICAP)	1/2"	-	2"	1-1/2	HAWS MODEL 1075 WHITE POLYMARBLE WALL MTD. DRINKING FOUNTAIN WITH VANDAL RESISTANT BUBBLER, FRONT PUSH PLATE AND BOTTOM PLATE WITH INTEGRAL MOUNTING BRACKETS, #6700 MOUNTING PLATE. MOUNT TO MEET HANDICAP REQUIREMENTS.
ST 1	SINK TRIM	3/4"	3/4"	-	-	AMERICAN STANDARD "HERITAGE" #8341.075 EXPOSED FAUCET - "AQUASEAL" RENEWABLE VALVES AND SEATS, BRASS LEVER HANDLES, COLORED INDEXES, WALL-TO-SPOUT END 7-3/4", BUCKET HOOK, HOSE END, 1/2" I.P.S. FEMALE INLETS, ON 8" CENTER, ROUGH CHROME FINISH WITH VACUUM BREAKER, STOPS IN SHANKS.
ST 2	SINK TRIM	3/4"	3/4"	-	-	"CHICAGO" No. 65-261 FAUCET W/ EF-4 1⅜" ROSE SPRAY, (2 ea/LAV), C.P. BRASS GRID STRAINER (MATCH EXT'G)
HB 1	HOSE BIBB	3/4"	-	-	-	EXTERIOR-SEE SPECIFICATIONS.
HB 2	HOSE BIBB	3/4"	-	-	-	INTERIOR-SEE SPECIFICATIONS.
FD 1	FLOOR DRAIN	-	-	2"	2"	ZURN MODEL ZN-415, 5" TYPE "B" STRAINER-NICKEL BRONZE, TRAP PRIMER CONNECTION.
TP 1	TRAP PRIMER	1/2"	-	-	-	"E & S" TRAP PRIMER W/ 1/2" CW AND S.O.V. TO SUPPLY INLET AND 1/2" GRAVITY LINE TO P-TRAP CONN. MOUNT BEL. LAV. IN WALL BEHIND ACCESS PANEL @ FIN. FLR. +8" TO BOTTOM OF PANEL.

NOTE:

EXISTING GAS PIPING BELOW GRADE THAT IS TO BE REUSED AFTER DEMOLITION IS COMPLETED SHALL BE RETESTED IN ACCORDANCE WITH CODE REQUIREMENTS BEFORE THE CONNECTION OF ANY NEW GAS EXTENSIONS

ALL CONDENSATE PIPING PROVIDED IN SPEC. SECTION 15400 SHALL BE COORDINATED WITH HOT AND CHILLED WATER PIPING PROVIDED IN SPEC. SECTION 15800. SEE MECHANICAL DRAWINGS.

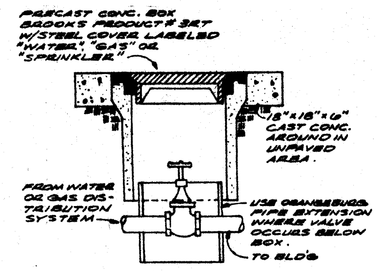
FOR PIPING CROSSING FOUNDATIONS, SEE DETAIL 4/S-4.



DRYWELL

DETAIL B/P-1
NO SCALE

WHERE CONCRETE OR ASPHALTIC PAVEMENT OCCURS, EXTEND CONCRETE PIPE TO FINISH GRADE & PROVIDE TRAFFIC WEIGHT STEEL COVER.



WATER OR GAS SHUT-OFF VALVE

NOTE: ALL CLEAN-OUT OR SHUT-OFF VALVE BOXES WITHIN 10'-0" OF EACH OTHER SHALL BE ON ℄ PARALLEL TO SIDEWALK OR BUILDING WALL.

DETAIL A/P-1
NTS

PLUMBING LEGEND

SYMBOL	ITEM	ABBR.
———	SOIL, WASTE, OR DRAIN	S WD
— — —	VENT	V
—·—·—	COLD WATER	CW
—·—·—	HOT WATER	HW
—·—·—	HOT WATER RETURN	HWR
—FS—	FIRE SPRINKLER	FS
—CD—	CONDENSATE DRAIN	CD
—G—	GAS FUEL (LOW PRESS)	G
—G#3—	GAS FUEL (5 PSI)	—
—LPG—	LIQUID PETROLEUM GAS	LPG
— — —	EXISTING PIPING	—
—RWL—	RAIN WATER LEADER	RWL
—OF—	OVERFLOW	OFL
—SD—	STORM DRAIN	SD
—X—	POINT OF CONNECTION	POC
—○—	CLEANOUT TO GRADE	COTG
—◎—	CLEANOUT TO FLOOR	COTF
—┤	CLEANOUT TO WALL	COTW
—⊗—	SHUT-OFF VALVE	SOV
—⋈—	GATE VALVE	GV
—┤├—	CHECK VALVE	CV
—┼—	UNION	—
—┴—	TEE UP	—
—┬—	TEE DOWN	—
—○	ELBOW UP	—
—◎	ELBOW DOWN	—
┬┬	ACCESS DOOR	A.D.

GENERAL NOTES:

1. SPECIFICALLY OMITTED FROM THE SERVICES OF JOHN FRANK MITCHELL, INC., ARE ALL DESIGN AND CONSTRUCTION REVIEW SERVICES RELATING TO THE CONTRACTOR'S SAFETY PRECAUTIONS OR TO MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES REQUIRED FOR THE CONTRACTOR TO PERFORM HIS WORK, BUT NOT RELATING TO THE FINAL OR COMPLETED STRUCTURE: OMITTED SERVICES INCLUDE BUT ARE NOT LIMITED TO SHORING, SCAFFOLDING, UNDERPINNING, TEMPORARY RETAINMENT OF EXCAVATIONS, ANY ERECTION METHODS AND BRACING.

2. CONTRACT DRAWINGS FOR THE EXISTING FACILITY ARE ON FILE AT THE OFFICE OF THE ARCHITECT, RENFRO RUSSELL & ASSOCIATES, FOR THE PURPOSE OF MANDATORY REFERENCE BEFORE SUBMITTING BID. CONTRACTOR SHALL VISIT THE JOBSITE AND INSPECT THE EXISTING CONDITIONS AND, BASED ON THE REVIEWED SITE CONDITIONS AND REFERENCED DRAWINGS, MAKE THE MODIFICATIONS AND EXTENSIONS TO THE EXISTING SYSTEMS AS GENERALLY DELINEATED. NO CLAIM FOR EXTRA SUMS WILL BE ALLOWED DUE TO THE CONTRACTOR'S FAILURE TO PROPERLY EXAMINE THE SITE AND REFERENCED DRAWINGS.

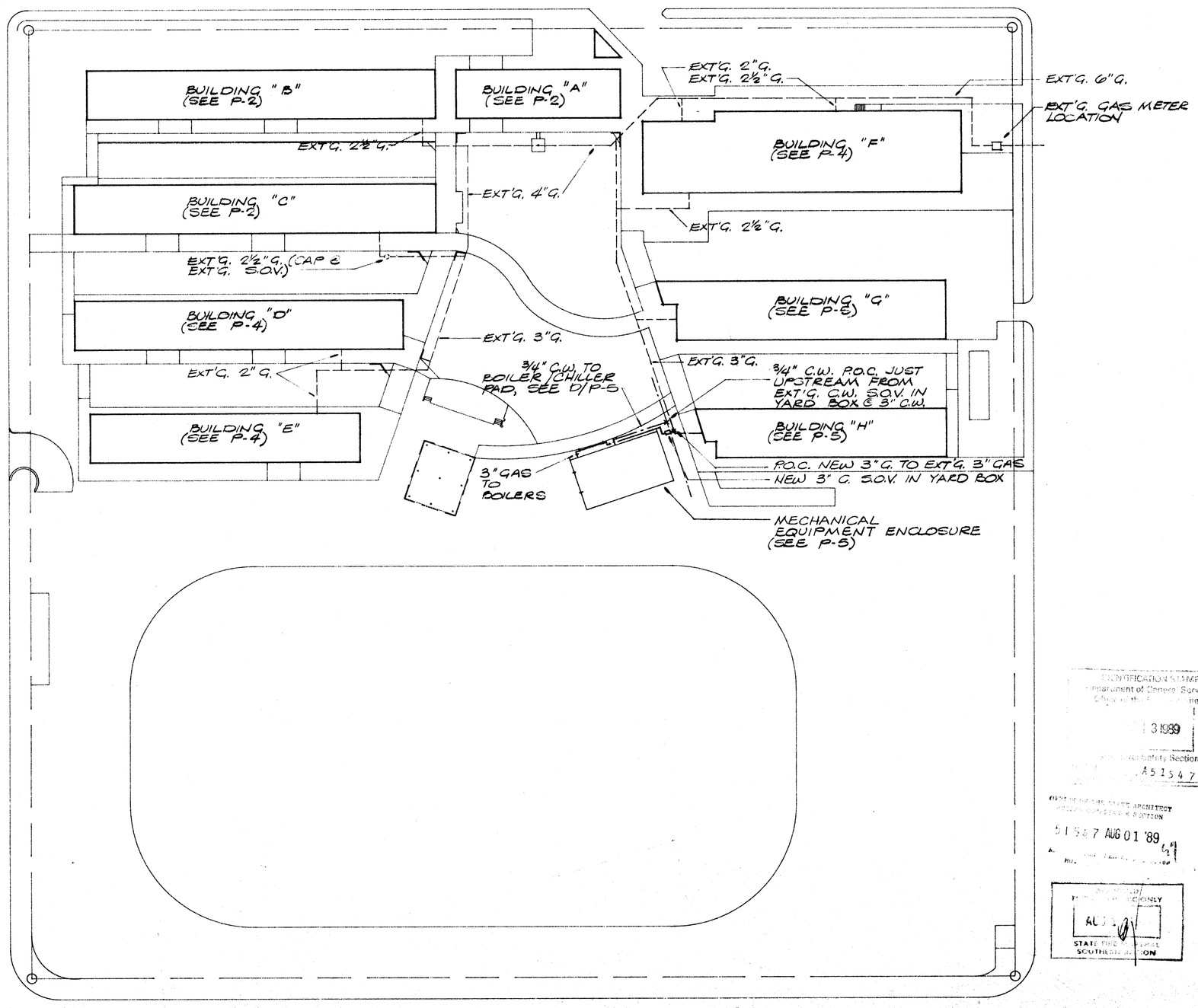
3. ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

FIXED EQUIPMENT ON GRADE	22% OF OPERATING WEIGHT
FIXED EQUIPMENT ON STRUCTURE	33% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON GRADE	33% OF OPERATING WEIGHT
EMERGENCY POWER EQUIPMENT ON STRUCTURE	50% OF OPERATING WEIGHT

FOR FLEXIBLE MOUNTED EQUIPMENT USE 2 X THE ABOVE VALUES.
SIMULTANEOUS VERTICAL FORCE - USE 1/3 X HORIZONTAL FORCE.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.

4. ANY CUTTING, DRILLING, CORING OR SAW CUTTING OF EXISTING CONSTRUCTION ELEMENTS TO BE DONE ONLY WHEN SO DETAILED IN DRAWINGS OR APPROVED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND BY THE OSA REPRESENTATIVE.



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

GAS SERVICE	
UTILITY:	P.G. & E.
ADDRESS:	1916 "M" ST. BAKERSFIELD, CAL. 93301
CONTACT:	TOM AGUILAR
PHONE:	(805) 398-5866

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CONSULTING MECHANICAL ENGINEERS
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PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

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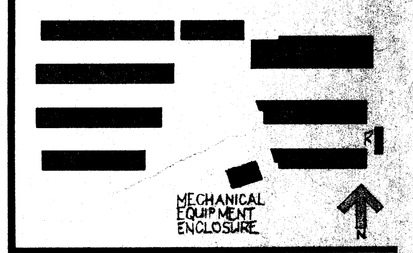
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS

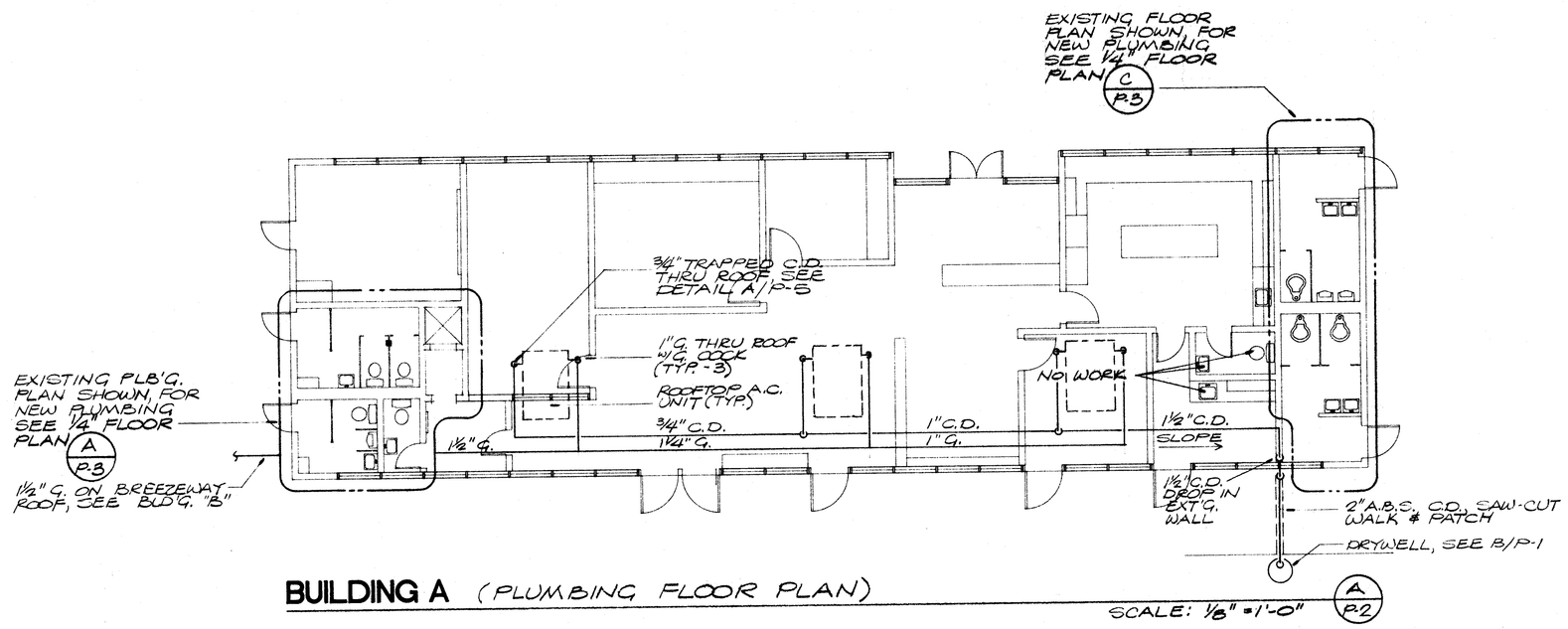
SHEET TITLE

PLUMBING SITE PLAN NOTES & DETAILS

APPROVED/ARCHITECT Tommy U. Renfro
CHECKED J.F.M.
DATE 8-1-89
DRAWN BY R.C.B.
PROJECT NO. 86-2KW

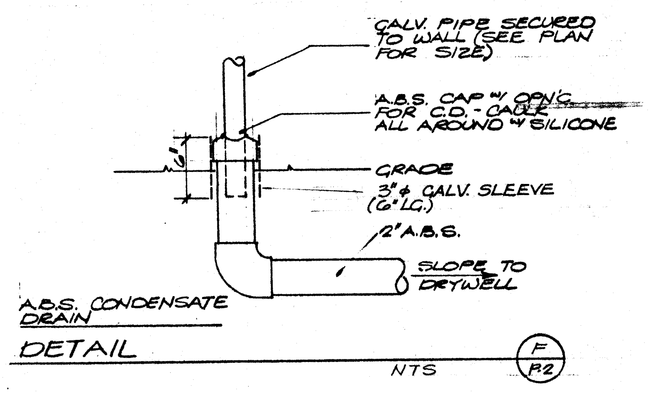
SHEET NUMBER 8621EME3480
P-1
OF # SHEETS

NOTE:
SEE ARCHITECTURAL FLOOR PLANS FOR CORRESPONDING/ADDITIONAL DEMOLITION NOTES.



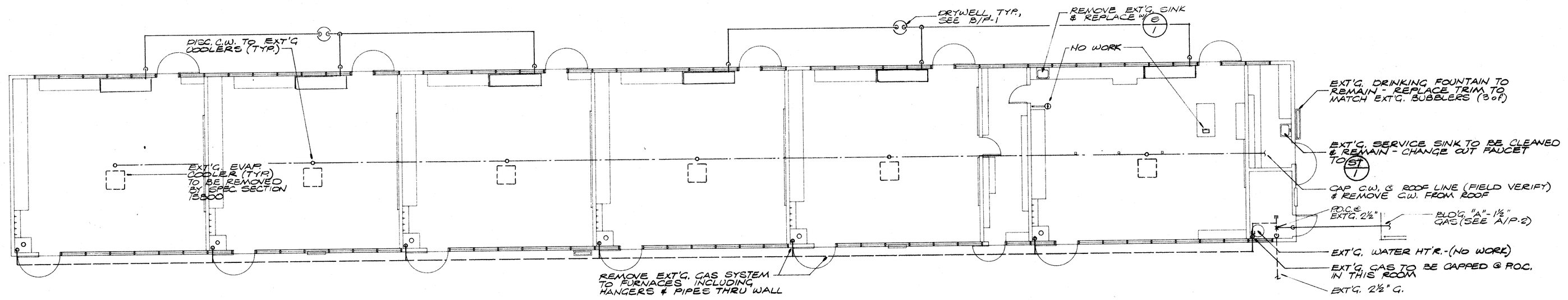
BUILDING A (PLUMBING FLOOR PLAN)

SCALE: 1/8" = 1'-0" A/P2



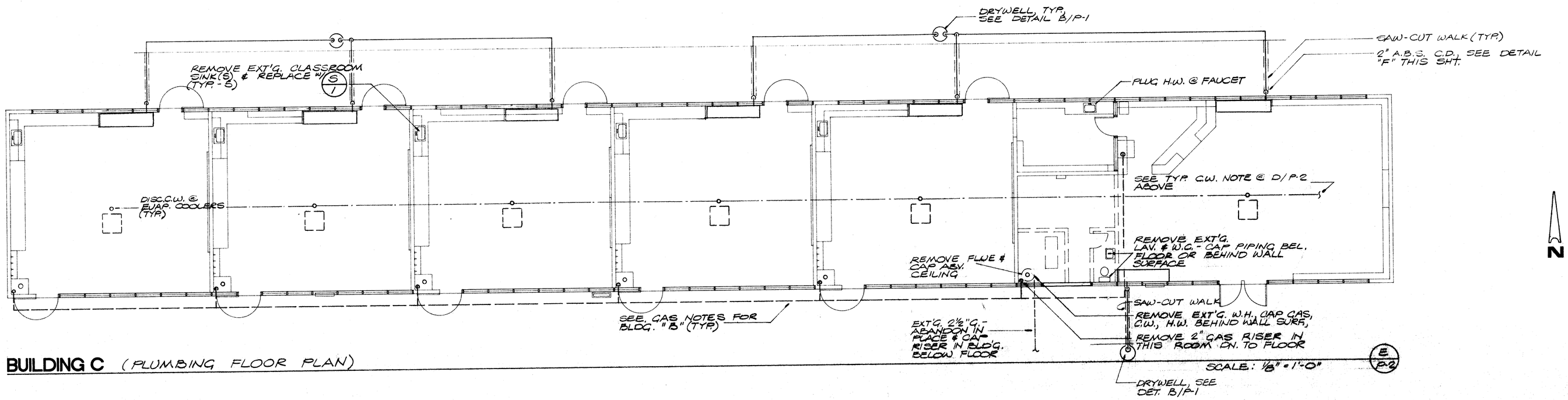
DETAIL

NTS F/P2



BUILDING B (PLUMBING FLOOR PLAN)

SCALE: 1/8" = 1'-0" D/P.2



BUILDING C (PLUMBING FLOOR PLAN)

SCALE: 1/8" = 1'-0" E/P-2

N TYPICAL

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
Construction Safety Section
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8810.1

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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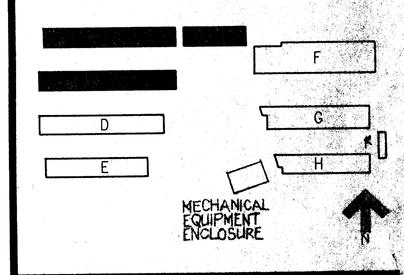
KEY PLAN



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BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9-3-91	BIDDING

DATE	REVISIONS
	1
	2
	3
	4

SHEET TITLE

PLUMBING FLOOR PLANS BLDGS. A, B & C

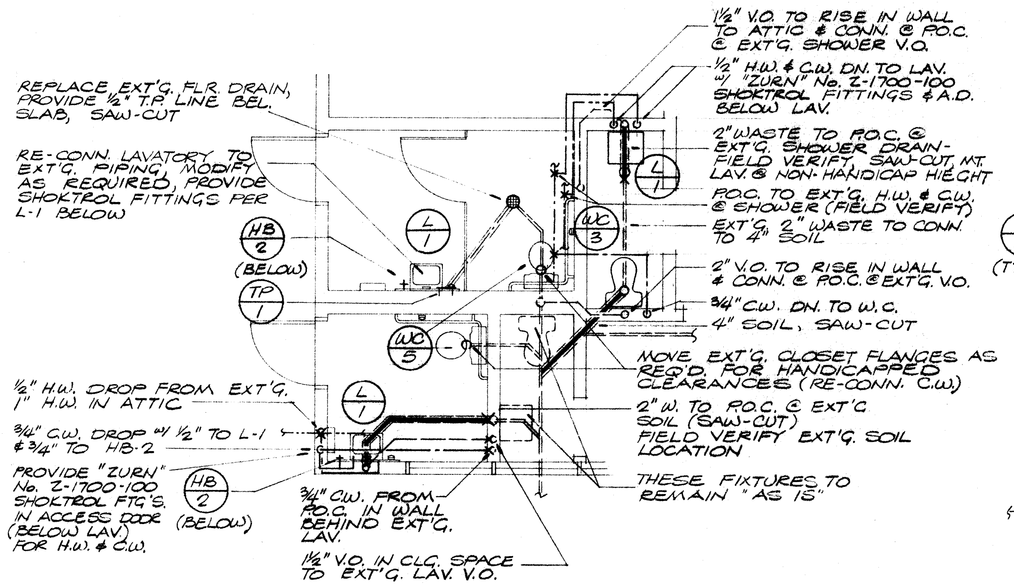
APPROVED/ARCHITECT Tammy W. Preston
CHECKED JFM DATE 8-1-88
DRAWN BY RSB PROJECT NO. 86-26 W

SHEET NUMBER 8676ME23A96

P-2

OF 6 SHEETS

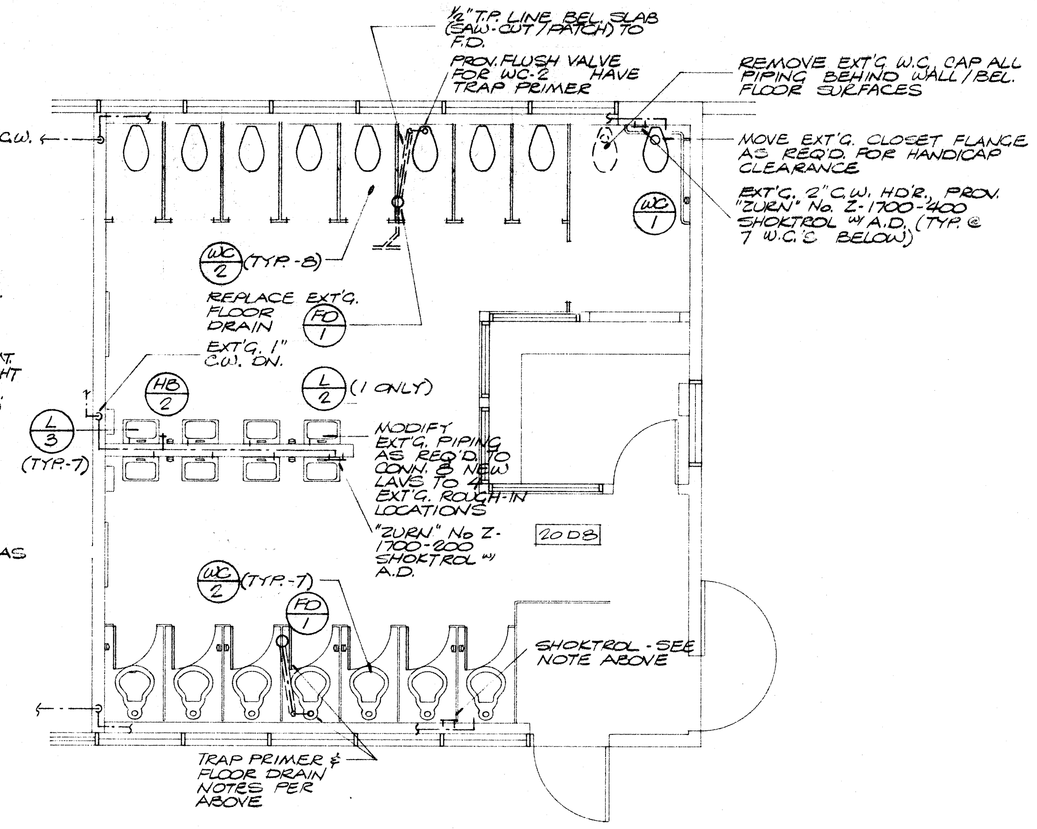
NOTE:
SEE ARCHITECTURAL FLOOR PLANS FOR CORRESPONDING / ADDITIONAL DEMOLITION NOTES.



NOTE:
SEE DEMO PLAN A/P-2 FOR EXT'G. FIXTURES TO BE REMOVED (THESE & ROOMS)

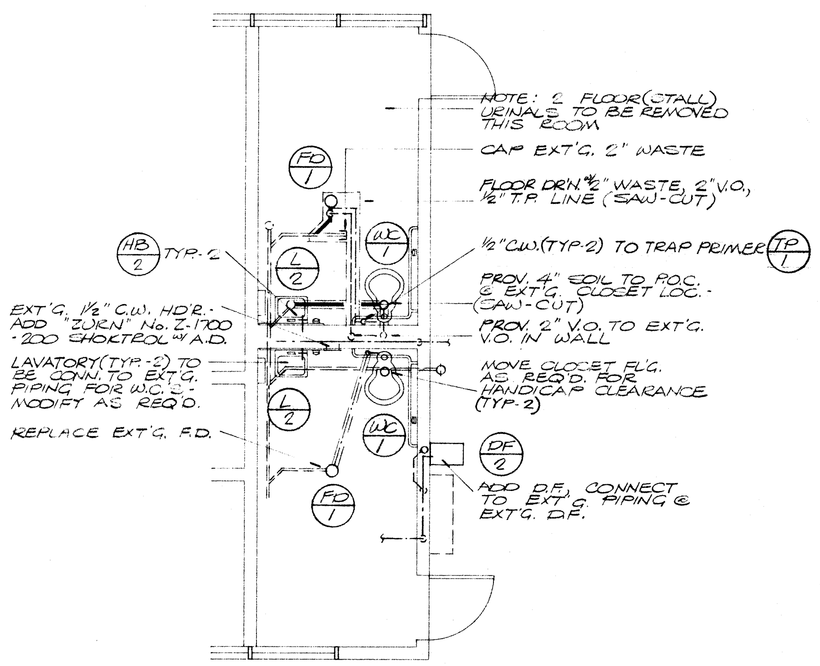
PARTIAL PLAN A

BLDG. "A" SCALE: ¼"=1'-0" (A/P.3)



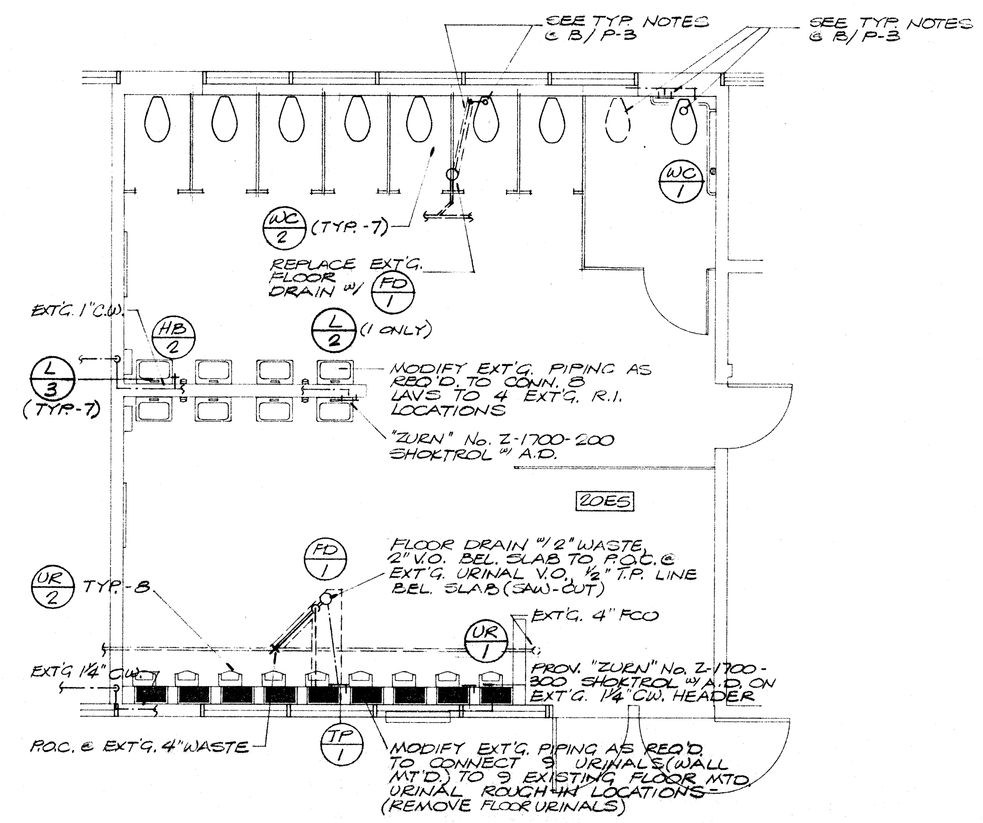
PARTIAL PLAN C

BLDG. "D" SCALE: ¼" = 1'-0" (B/P.3)



PARTIAL PLAN B

BLDG. "A" SCALE: ¼" = 1'-0" (C/P.3)



PARTIAL PLAN D

BLDG. "E" SCALE: ¼" = 1'-0" (D/P.3)

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Mark E. Russell AIA C 13726

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PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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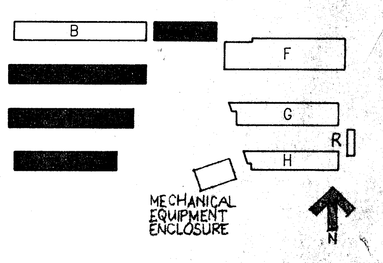
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE

PARTIAL PLUMBING FLOOR PLANS (BLDG'S. A, D&E)

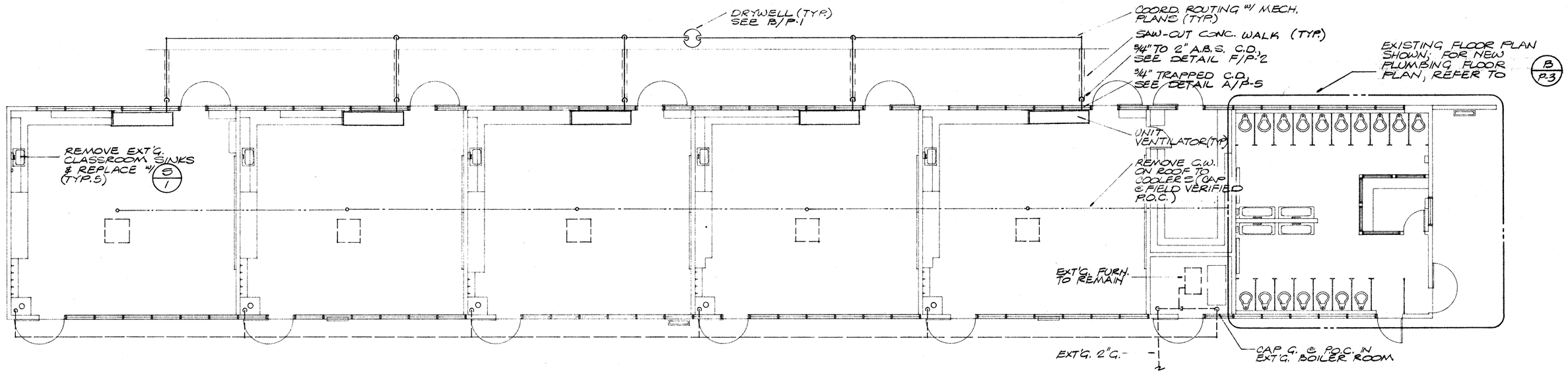
APPROVED/ARCHITECT Tommy W. Renfro
CHECKED JFM DATE 8-1-89
DRAWN BY RSB PROJECT NO. 86-216-W

SHEET NUMBER 86216WE230A8

P-3

OF 5 SHEETS

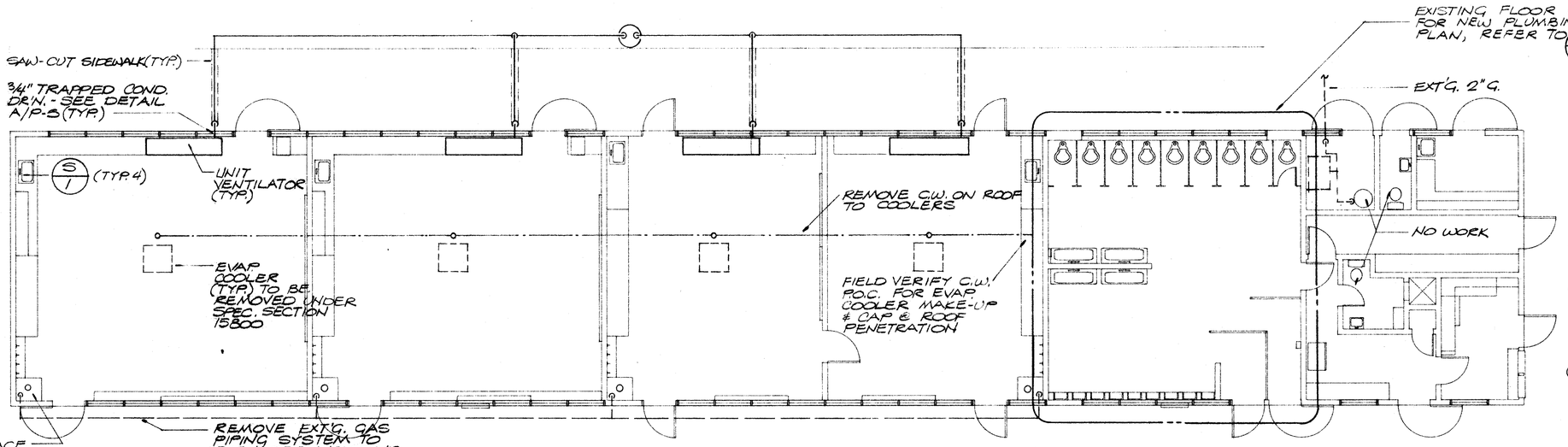
VERIFICATION STAMP
Department of General Services
Office of State Architect
13 1989
Structural Safety Section
A51347 NP



BUILDING D (PLUMBING FLOOR PLAN)

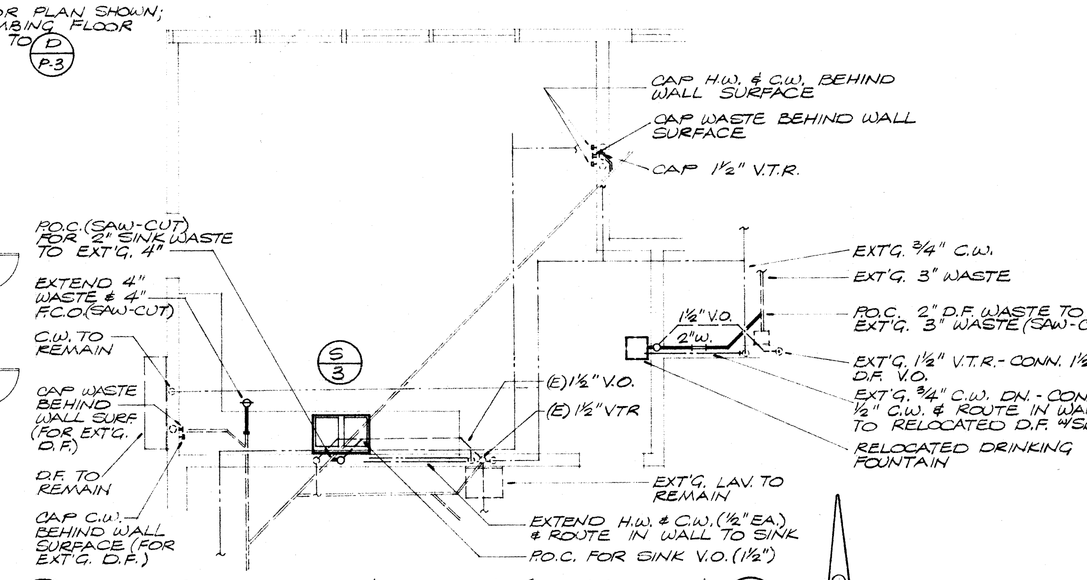
NOTES @ BLD'G. "E" BELOW SIMILAR FOR BLDG. "D"

SCALE: 1/8" = 1'-0" (A P.4)



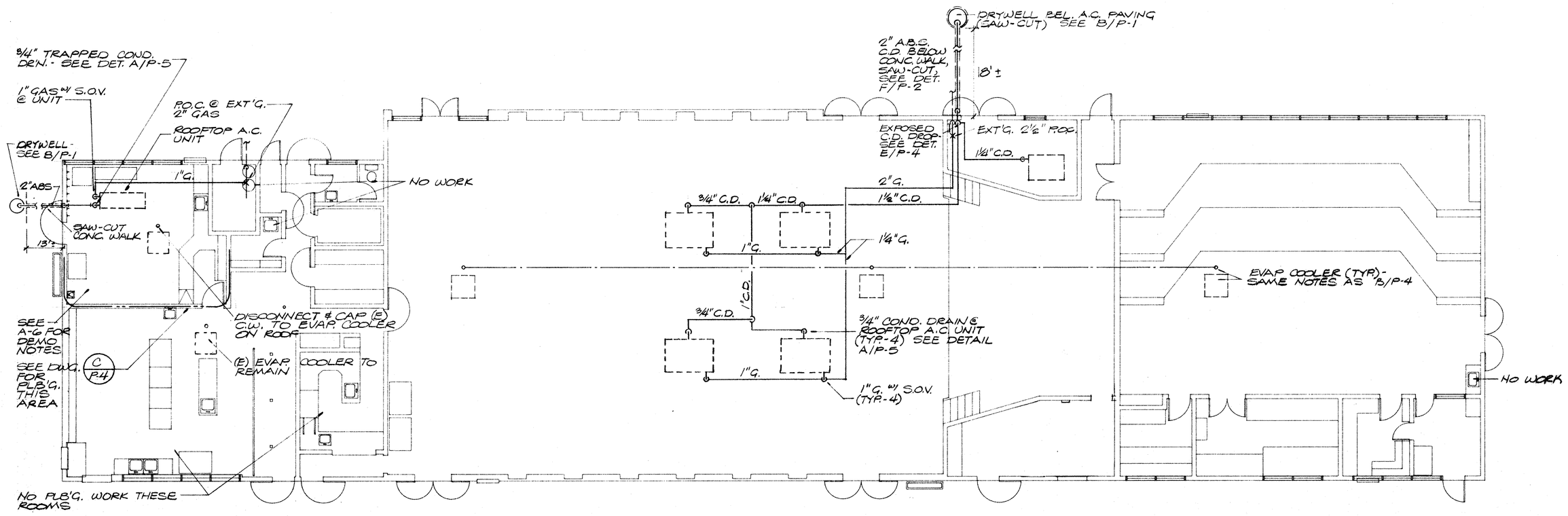
BUILDING E (PLUMBING FLOOR PLAN)

SCALE: 1/8" = 1'-0" (B P.4)



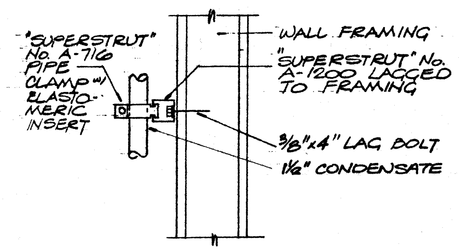
PARTIAL PLB'G. PLAN (CONF. ROOM) (C P-4)

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



BUILDING F (PLUMBING FLOOR PLAN)

SCALE: 1/8" = 1'-0" (D P.4)



WALL PIPE ANCHOR (2 REQ'D PER DROP)

DETAIL

NO SCALE (E P-4)

RENFRO RUSSELL & ASSOCIATES
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Donald W. Renfro AIA C 5283
Mark E. Russell AIA C 13726

4800 Stockdale Highway, Suite 304, Bakersfield, California 93309 (805) 327-7075

CONSULTANTS

FRANK MITCHELL M12910 Expires 9/1/90
JOHN FRANK MITCHELL, INC.
CONSULTING MECHANICAL ENGINEERS
PHONE 275-3399 4644 WEST JENSEN, SUITE 107 FRESNO, CALIFORNIA 93722
B010.1

PROJECT

BAKERSFIELD CITY SCHOOL DISTRICT

WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

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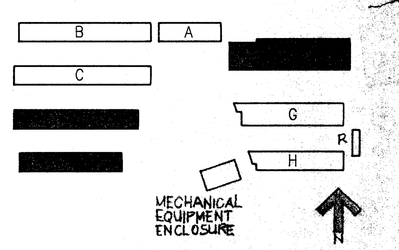
KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

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9-3-91	BIDDING

DATE	REVISIONS

SHEET TITLE

PLUMBING FLOOR PLANS BLDGS. D, E & F.

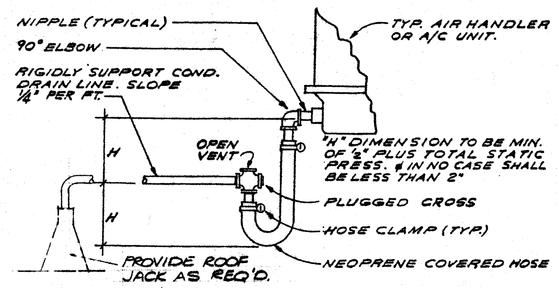
Department of General Services
Office of the State Architect
3 1989
Structural Safety Section
AS 1347 NP/A

APPROVED/ARCHITECT
CHECKED JFM DATE 8-1-89
DRAWN BY R.E.S. PROJECT NO. 86-216 W

SHEET NUMBER 86216ME23896

P-4

OF 6 SHEETS



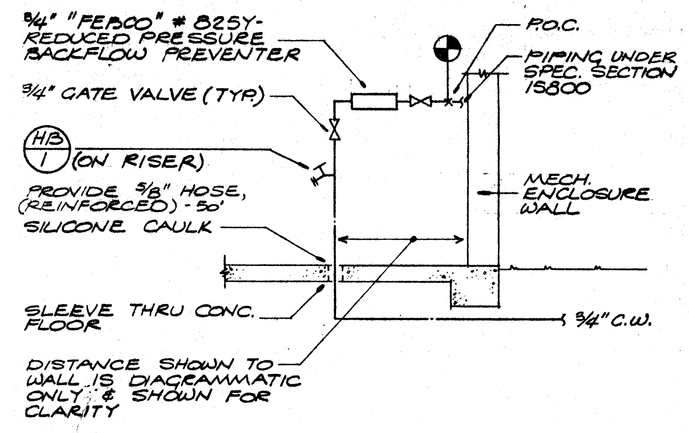
TYP. CONDENSATE DRAIN CONNECTION

PROVIDE PLUGGED TEE IN EACH CHANGE OF DIRECTION

COND. DR'N. FOR ROOFTOP EQP'T. - SIMILAR FOR UNIT VENTILATOR EXCEPT TRAP INSIDE CABINET & PROVIDE ESCUTCHEON & WALL PENETRATION

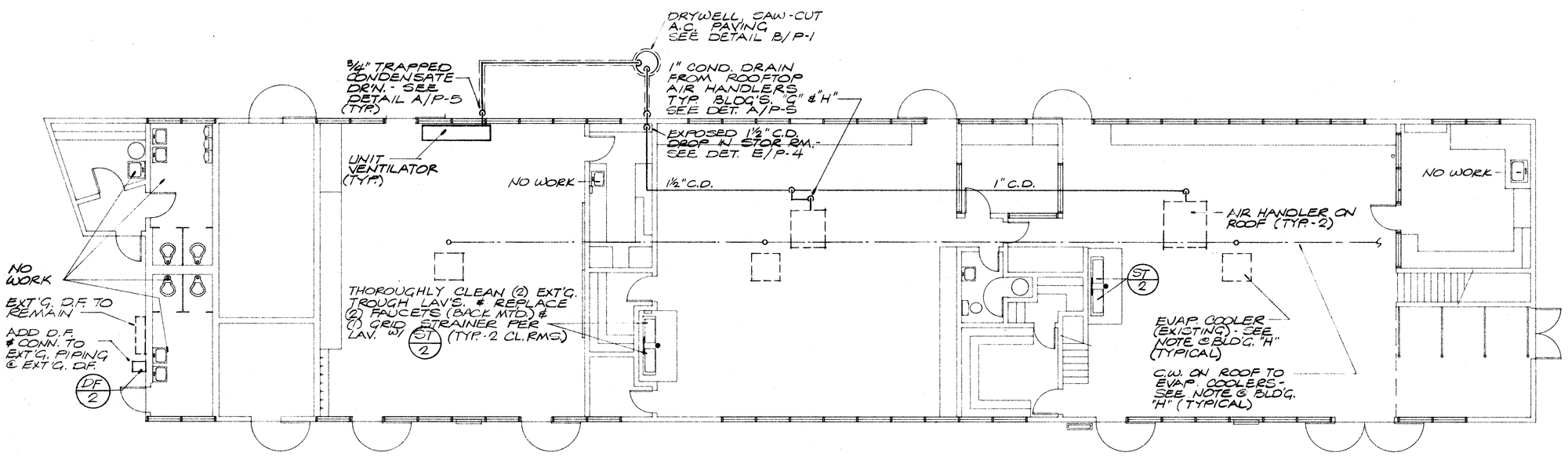
DETAIL (A / P-5)

NTS



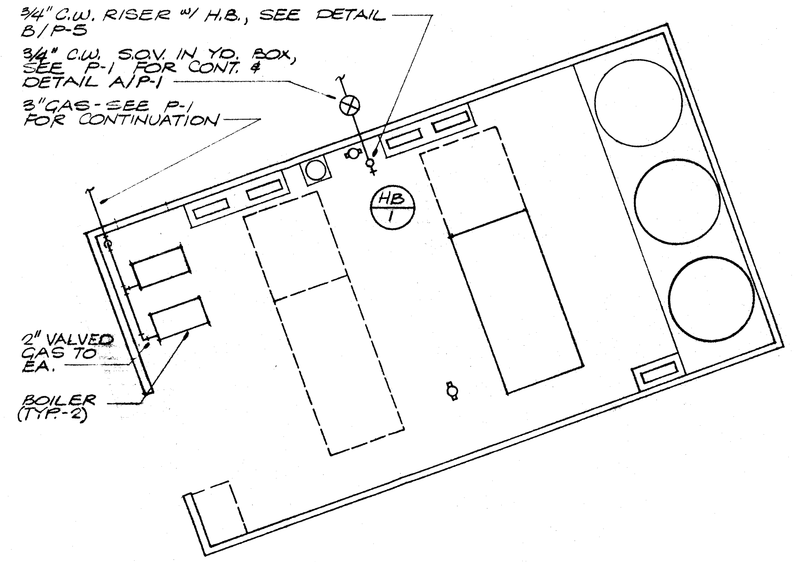
MAKE UP WATER DETAIL (B / P-5)

SCHEMATIC



BUILDING G (PLUMBING DEMOLITION FLOOR PLAN) (C / P-5)

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

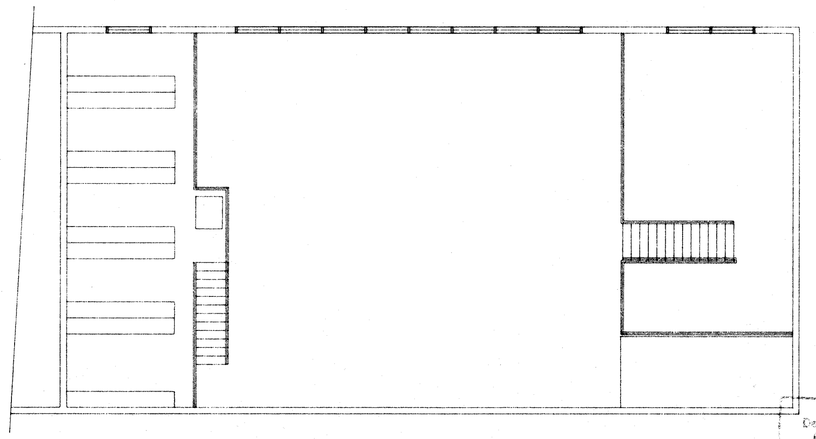


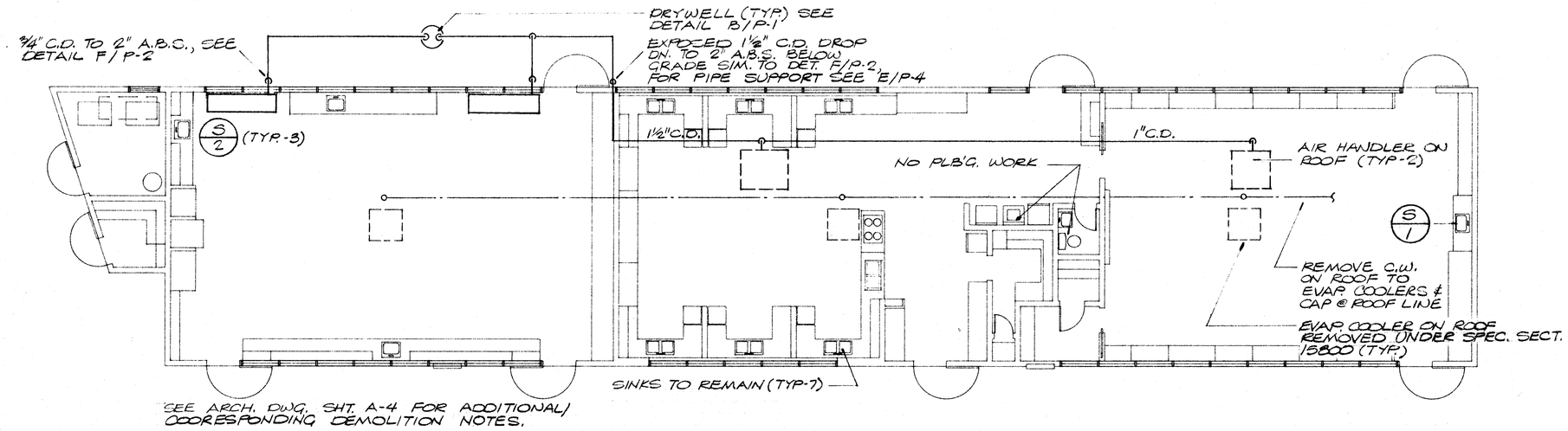
NOTE: FOR PIPES CROSSING FOUNDATION LOCATIONS, SEE DETAIL 4/S-1

N TYPICAL

MECHANICAL EQUIPMENT ENCLOSURE (D / P-5)

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





SEE ARCH. DWG. SHT. A-4 FOR ADDITIONAL/ CORRESPONDING DEMOLITION NOTES.

BUILDING H (PLUMBING DEMOLITION FLOOR PLAN) (E / P-5)

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

BUILDING G LOFT (NO PLB'G. WORK THIS PLAN) (F / P-5)

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Office of the State Architect
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Health and Safety Section

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DEPARTMENT OF GENERAL SERVICES

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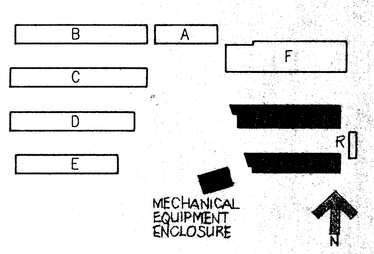


BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE

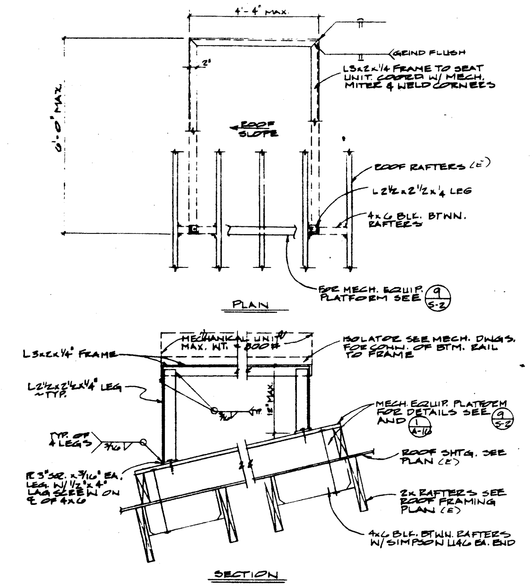
PLUMBING FLOOR PLANS & DETAILS BLDGS. G & H

APPROVED/ARCHITECT Terrence M. Christian
CHECKED J.F.M.
DATE 3-1-89
DRAWN BY E.S.B.
PROJECT NO. 86-216.W

SHEET NUMBER 8621ME23C96

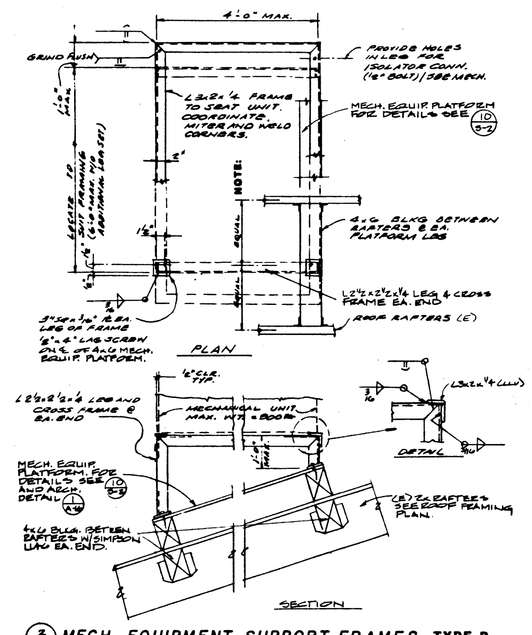
P-5

OF 5 SHEETS



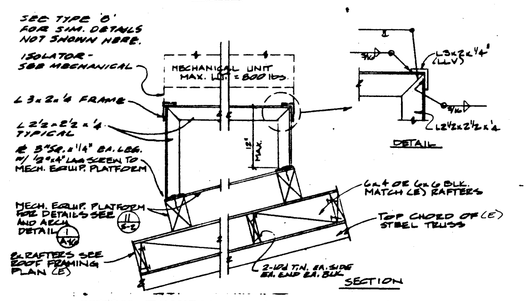
1/S-1 **MECH. EQUIPMENT SUPPORT FRAMES** TYPE A

1. COORDINATE W/ MECH. DWGS FOR EQUIP. SIZE & LOCATION.
2. FRAMES TO CONFORM TO STRUCTURAL STEEL SECTION OF THE SPECIFICATIONS INCLUDING THE EQUIREMENT FOR SHOP DWGS.



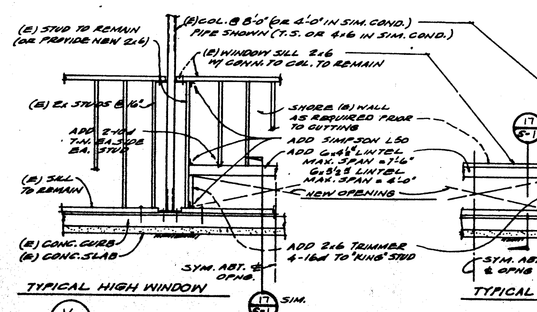
2/S-1 **MECH. EQUIPMENT SUPPORT FRAMES** TYPE B

1. COORDINATE W/ MECH. DWGS FOR EQUIP. SIZE & LOCATION.
2. FRAMES TO CONFORM TO STRUCTURAL STEEL SECTION OF THE SPECIFICATIONS INCLUDING THE REQUIREMENT FOR SHOP DWGS.



MECH. EQUIPMENT SUPPORT FRAMES TYPE B-1

1. COORDINATE W/ MECH. DWGS FOR EQUIP. SIZE & LOCATION.
2. FRAMES TO CONFORM TO STRUCTURAL STEEL SECTION OF THE SPECIFICATIONS INCLUDING THE REQUIREMENT FOR SHOP DRAWINGS.



16/S-1 **UNIT VENTILATOR / TYPICAL OPENING ELEVATION** 1/4"=1'-0"

UNIT VENTILATORS LOCATED IN BLDGS. B, C, D, E, G, & H.
SEE ARCH. PLANS FOR SIM. BLDGS. A, F, & J-5 & A-4.
ALSO SEE ARCH. SECTIONS

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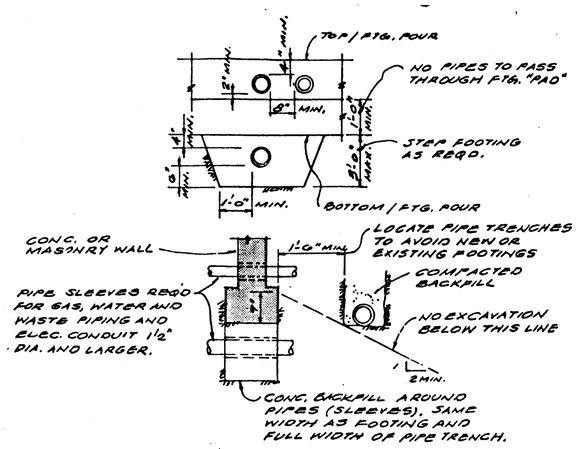
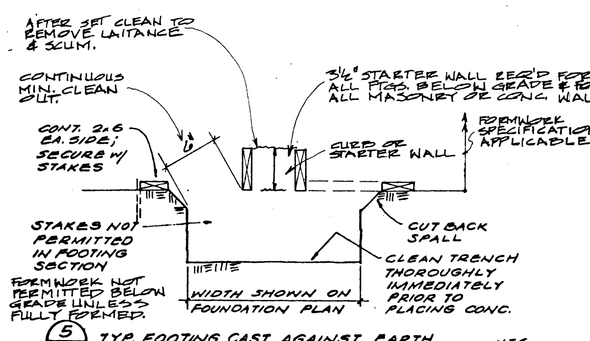
13 1989
Records Services Section
A51647 NPH

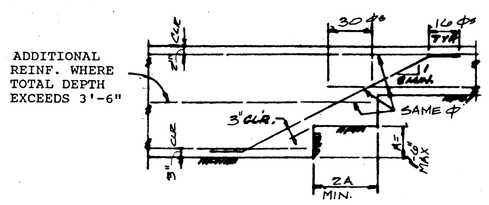


4/S-1 TYPICAL PIPE TRENCH/FOOTING DETAIL

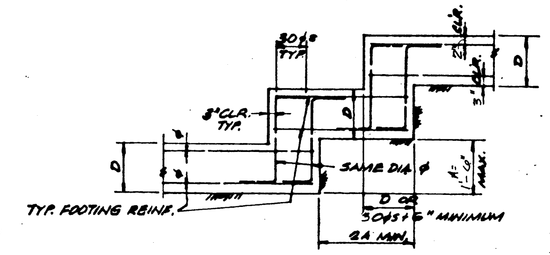


5/S-1 TYP. FOOTING CAST AGAINST EARTH N.T.S.

FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAT EXCAVATIONS PROVIDED THAT THE FOUNDATION TRENCH WALLS ARE STABLE AS DETERMINED BY THE GEOTECHNICAL ENGINEER & SUBJECT TO THE APPROVAL OF THE O.S.A. FORMS SHALL BE REQUIRED WHEREVER CLEAN, COHESIONLESS SANDS ARE ENCOUNTERED; SEE SOIL REPORT FOR LOGS OF BORINGS.

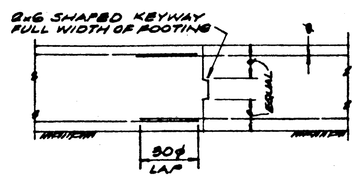


CONDITION WHERE TOP OF FTG. LEVEL

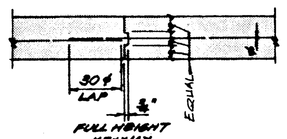


CONDITION WHERE TOP OF FTG. STEPPED

7/S-1 TYP. FOOTING STEPS (K.S.)

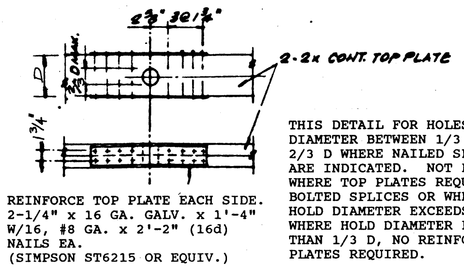


ELEVATION OF FOOTING



PLAN SECTION - WALL

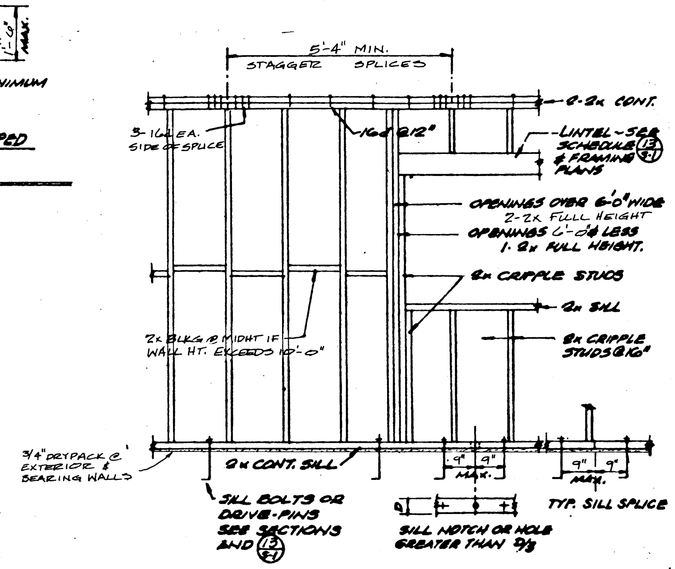
8/S-1 CONCRETE CONSTRUCTION JOINTS



REINFORCE TOP PLATE EACH SIDE. 2-1/4" x 16 GA. GALV. x 1'-4" W/16, #8 GA. x 2'-2" (16d) NAILS EA. (SIMPSON ST6215 OR EQUIV.)

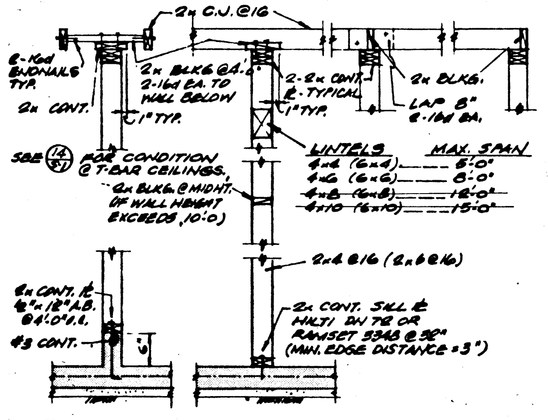
THIS DETAIL FOR HOLES WITH DIAMETER BETWEEN 1/3 D AND 2/3 D WHERE NAILED SPLICES ARE INDICATED. NOT FOR USE WHERE TOP PLATES REQUIRE BOLTED SPLICES OR WHERE HOLD DIAMETER EXCEEDS 2/3 D. WHERE HOLD DIAMETER LESS THAN 1/3 D, NO REINFORCING PLATES REQUIRED.

11/S-1 TYP. WALL TOP PLATE REINFORCING

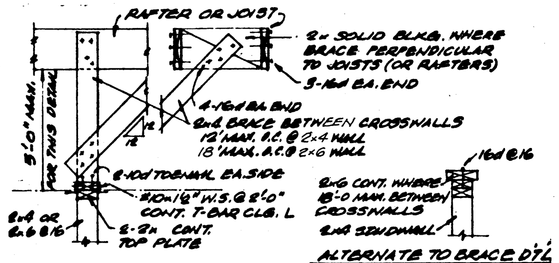


12/S-1 TYP. WALL FRAMING DETAILS

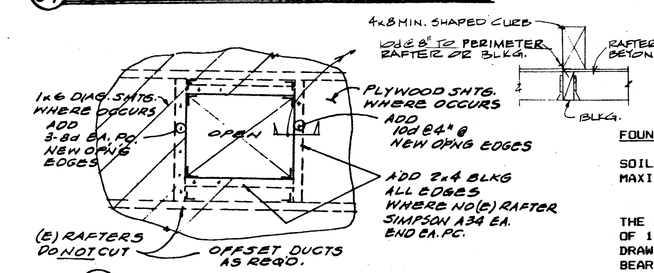
1. NEW LINTEL & STUDS & EXISTING WALLS IN "SIMILAR" CONDITION.



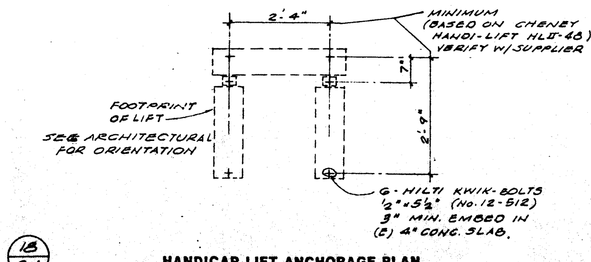
13/S-1 TYP. NON-BEARING PARTITION DETAILS



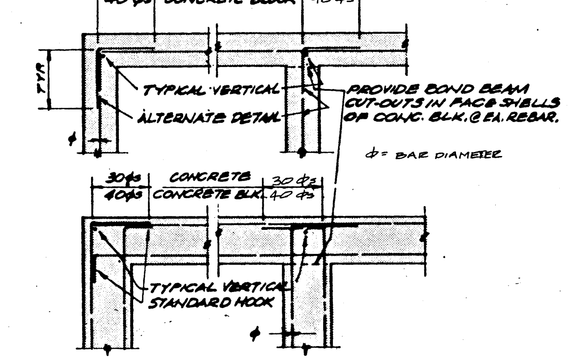
14/S-1 TYP. PARTITION BRACING DETAIL



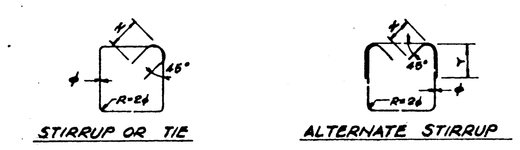
15/S-1 TYPICAL ROOF OPENING N.T.S.



18/S-1 HANDICAP LIFT ANCHORAGE PLAN 1/2"=1'-0"



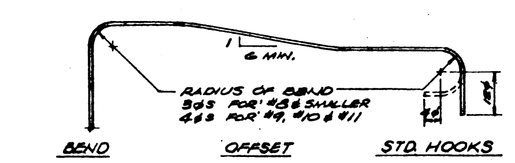
CORNER PLANS INTERSECTION PLANS



STIRRUP OR TIE ALTERNATE STIRRUP STIRRUP

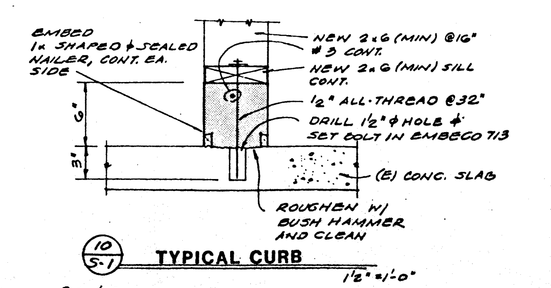
SIZE	X	Y
#3	4½"	9"
#4	6"	11"
#5	7½"	13"
#6	9"	14"
#7	10½"	16"

DIMENSIONS

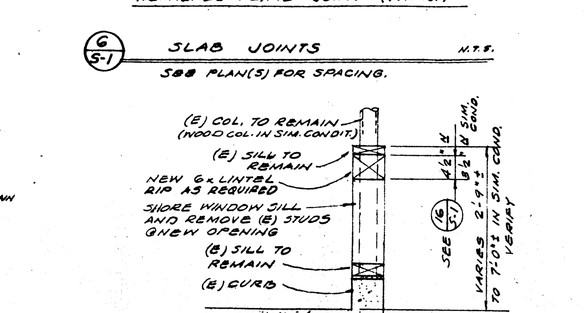


BEND OFFSET STD. HOOKS

9/S-1 TYPICAL REINFORCING STEEL DETAILS



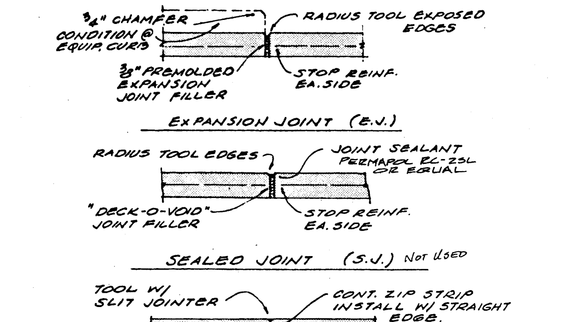
10/S-1 TYPICAL CURB 1/2"=1'-0"



17/S-1 TYPICAL SECTION / UNIT VENTILATOR OPENING 3/4"=1'-0"

6/S-1 SLAB JOINTS N.T.S.

SEE PLAN(S) FOR SPACING.



GENERAL NOTES

DRAWINGS

TYPICAL DETAILS AND GENERAL NOTES SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OTHERWISE ON THE DRAWINGS. WHERE NO DETAIL IS SHOWN, CONSTRUCTION SHALL BE AS SHOWN FOR OTHER SIMILAR WORK. NO DEVIATIONS FROM THE DRAWINGS SHALL BE PERMITTED WITHOUT THE PERMISSION OF THE ARCHITECT/ENGINEER.

THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO MODIFY THE SCHOOL BUILDING(S) IN ACCORDANCE WITH TITLE 24, C.A.C.. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHERIN THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, C.A.C., A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT IN ACCORDANCE WITH TITLE 24.

EXISTING CONDITIONS

THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS THAT AFFECT THE WORK PRIOR TO COMMENCEMENT OF CONSTRUCTION AND FABRICATION. DISCREPENCIES SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY.

CONCRETE (INCLUDING SLABS ON GRADE)

MIN. ULTIMATE COMPRESSIVE STRENGTH (28 DAYS): 2,500 PSI
MAXIMUM SLUMP: 4 INCHES @ SLABS (5 IN. ELSEWHERE)
MIN. CEMENT CONTENT:* 5.5 SACKS PER CUBIC YARD
SEE SPECIFICATIONS FOR MIX DESIGN REQUIREMENTS.
*MIX SHALL BE SULPHATE RESISTANT WITH TYPE II CEMENT AND 15%(MIN.) FLYASH PER SPECIFICATIONS.

CONCRETE BLOCK

SHALL BE GRADE N-1 OPEN-END UNITS MADE WITH LIGHT-WEIGHT AGGREGATES AND SHALL CONFORM TO ASTM C-90. MINIMUM COMPRESSIVE STRENGTHS (28 DAYS):
MORTAR.....1800 PSI
GROUT.....2000 PSI
FILL ALL CELLS WITH GROUT USING LOW-LIFT PROCEDURE UNLESS NOTED OTHERWISE. NO SPLICES SHALL BE PERMITTED IN VERTICAL REINFORCING EXCEPT WHERE DETAILED ON THE DRAWINGS. BOLTS EMBEDDED IN MASONRY SHALL BE SOLIDLY EMBEDDED IN GROUT WITH 1 INCH MIN. GROUT SURROUNDING THE BOLT.
SPECIAL INSPECTION REQUIRED
REINFORCING STEEL

SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60 FOR #5 AND LARGER AND GRADE 40 FOR #4 AND SMALLER.
CONTINUOUS BAR SPLICES: CONCRETE.....30 BAR DIAMETERS
CONCRETE BLOCK.....40 BAR DIAMETERS

CONCRETE COVERAGE FOR REINFORCEMENT:
FOUNDATIONS/AGAINST EARTH.....3 INCHES CLEAR
FOUNDATIONS/AGAINST FORMS.....2 INCHES CLEAR
SLABS (ON GRADE).....REINFORCING AT SLAB CENTER

STRUCTURAL STEEL

MATERIALS SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
SHAPES, PLATES ETC. .....ASTM A36
PIPE COLUMNS AND STRUTS.....GRADE A,ASTM A53
SQUARE AND RECTANGULAR TUBING.GRADE B,ASTM A500
LIGHT GAGE STEEL.....GRADE C,ASTM A611
WELDING ELECTRODES.....AWS E70XX
MACHINE BOLTS.....ASTM A307

FABRICATION AND ERECTION SHALL CONFORM TO THE LATEST EDITION OF THE A.I.S.C. SPECIFICATION. WELDING SHALL BE DONE BY THE ELECTRIC SHIELDED ARC OR SUBMERGED ARC PROCESS. WELDERS SHALL BE CERTIFIED AND WORK DONE IN ACCORDANCE WITH THE STRUCTURAL WELDING CODE A.W.S. D1.1. SHOP DRAWINGS (5 SETS) SHALL BE SUBMITTED TO AND REVIEWED BY THE ARCHITECT PRIOR TO FABRICATION. PAINTING: ALL STEEL NOT EMBEDDED IN CONCRETE SHALL RECEIVE ONE SHOP COAT OF RED OXIDE PRIMER. AFTER POWER TOOL CLEANING. SEE SPECIFICATIONS FOR SPECIAL REQUIREMENTS FOR EXPOSED (TO WEATHER) STEEL.

WOOD

FRAMING LUMBER SHALL BE DOUGLAS FIR GRADE MARKED:
2X4 STUDS, BLKG, JOISTS.....NO.1
2x6 AND LARGER STUDS, BLKG, JOISTS, RAFTERS...NO.2
3x4, 4x4 POSTS AND HEADERS.....NO.2
4x6 AND LARGER BEAMS AND POSTS.....NO.1
SILLS...PRESSURE TREATED D.F..OR HEM-FIR NO.1

PLYWOOD SHALL BE GRADE MARKED AS FOLLOWS:
ROOF SHEATHING.....STRUCTURAL I,CD
WALL SHEATHING.....STRUCTURAL I,CD
FLOOR SHEATHING.....APA STURD-I-FLOOR

STANDARD CUT WASHERS SHALL BE USED UNDER BOLT HEADS AND NUTS THAT WOULD OTHERWISE BEAR ON WOOD SURFACES. RE-TIGHTEN ALL BOLTS PRIOR TO CLOSING IN FRAMING.

NAILING SCHEDULE: USE NAILS DRIVEN PERPENDICULAR TO GRAIN IN LIEU OF TOENAILS WHERE POSSIBLE, NAILS SHALL BE COMMON WIRE SIZE UNLESS NOTED OTHERWISE. PREDRILL WHERE THERE IS TENDENCY TO SPLIT. *NO MACHINE APPLIED NAILS ALLOWED.*

JOISTS OR RAFTERS TO SIDES OF STUDS.....3-16d
JOISTS OR RAFTERS TO BEARINGS, TOENAIL
EA SIDE.....2-10d
STUDS TO BEARINGS ENDNAIL.....2-16d
OR TOENAIL EA SIDE..2-10d
BLOCKING BETWEEN JOISTS OR RAFTERS
TO JOIST OR RAFTER, TOENAIL EA SIDE
EA END.....2-10d
TO JOIST OR RAFTER BRGS, TOENAIL EA SIDE.2-10d
BLOCKING BETWEEN STUDS, EA END, TOENAIL.....2-10d
OR ENDNAIL.....2-16d
CROSS BRIDGING BETWEEN RAFTERS, TOENAIL
EA END.....2-8 d
CEILING STRIPS TO UNDERSIDE RAFTERS PER
BEARING, PREDRILL WHERE STRIPS TEND TO SPLIT.
2x STRIPPING..1 EA. 0.135" X 3-1/2"
FULL HEAD, SCREW-SHANK NAIL
RIBBONS TO STUDS 1X RIBBONS.....2-8 d
2X RIBBONS.....2-16d
DOUBLE TOP PLATES
LOWER PL TO TOP OF STUD, ENDNAIL....2-16d
UPPER PL TO LOWER PL, STAGGERED..16d @ 8"
UPPER PLATE TO LOWER PL.
@ INTERSECTION.....3-16d
MULTIPLE STUDS (STAGGER).....16d @12"
BUILT-UP BEAMS
10" OR LESS IN DEPTH, STAGGERED.....16d @12"
MORE THAN 10" DEEP, STAGGERED..1/2"BOLTS @ 24"
1X6 LET-IN BRACE, EA END.....6-8 d
TO EA STUD.....3-8 d

FOUNDATION

SOIL TYPE: SILTY SAND
MAXIMUM DESIGN BEARING PRESSURE: 1500 PSF @DL
2000 PSF @D+L
2650 PSF @D+L+LAT.

THE BOTTOMS OF ALL FOOTINGS SHALL BE PLACED A MINIMUM OF 1'-8" BELOW FINISH FLOOR OR AS SHOWN ON THE DRAWINGS. FOOTINGS SHALL BE PLACED ONLY ON FIRM BEARING AND NOT ON LOOSE OR UNCOMPACTED FILL.

SEE PRELIMINARY GEOTECHNICAL INVESTIGATION DATED JANUARY 12, 1989 BY KRAZAN & ASSOCIATES, INC.
SEE SITE GRADING PLAN FOR EXCAVATION & RECOMPACTION REQUIREMENTS.

PROOF LOAD TESTS FOR EXPANSION TYPE ANCHOR BOLTS

ALL CONCRETE ANCHOR BOLTS OF THE EXPANSION TYPE SHALL HAVE I.C.B.O. APPROVAL AND SHALL HAVE 50 PERCENT OF THE BOLTS (ALTERNATE BOLTS IN ANY GROUP ARRANGEMENT) PROOF TESTED IN TENSION TO TWICE THE ALLOWABLE TENSION LOAD. IF ANY FAILURES OCCUR THE IMMEDIATELY ADJACENT BOLTS MUST THEN ALSO BE TESTED.

MATERIAL	TYPE/TEST	BOLT DIAMETER 3/8"	1/2"	5/8"	3/4"
CONCRETE (NORMAL WEIGHT)	DIRECT PULL, TENSION (LBS.)	1300	2000	2900	4300
	TORQUE WRENCH (FT.-LBS.)	25	50	110	150

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BAKERSFIELD CITY SCHOOL DISTRICT

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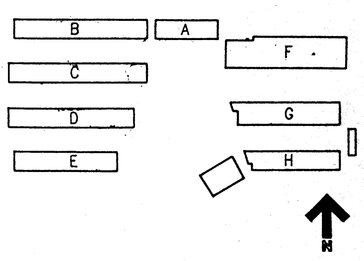
KEY PLAN



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BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
2-10-89	O.S.A. PLAN CHECK
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE

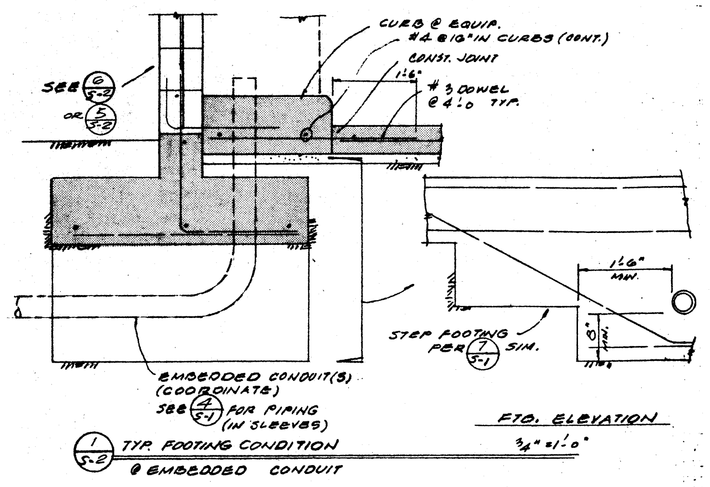
GENERAL NOTES AND TYPICAL DETAILS

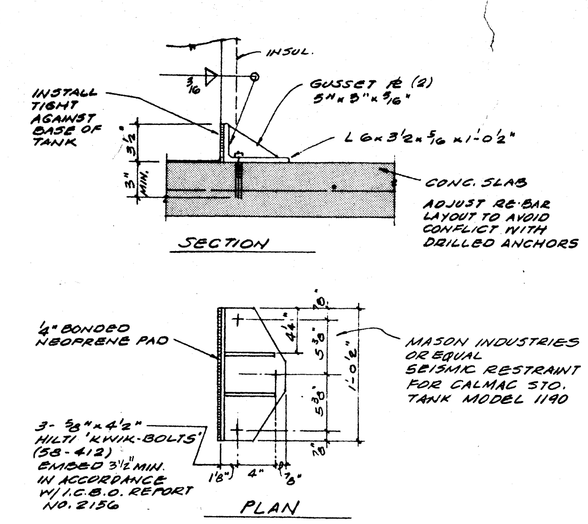
APPROVED/ARCHITECT
CHECKED BC DATE 5-11-89
DRAWN BY CH/BC PROJECT NO. 88-216W

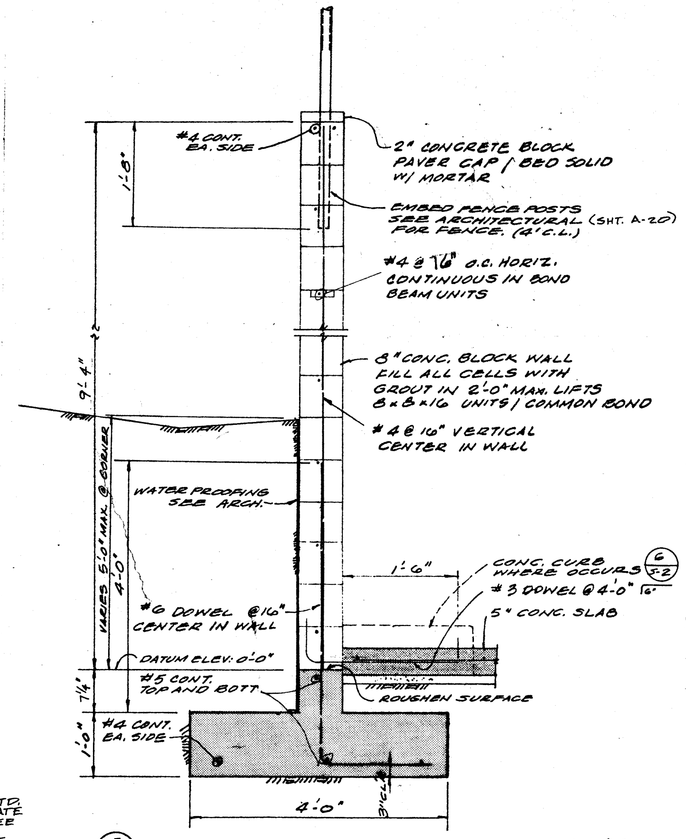
SHEET NUMBER

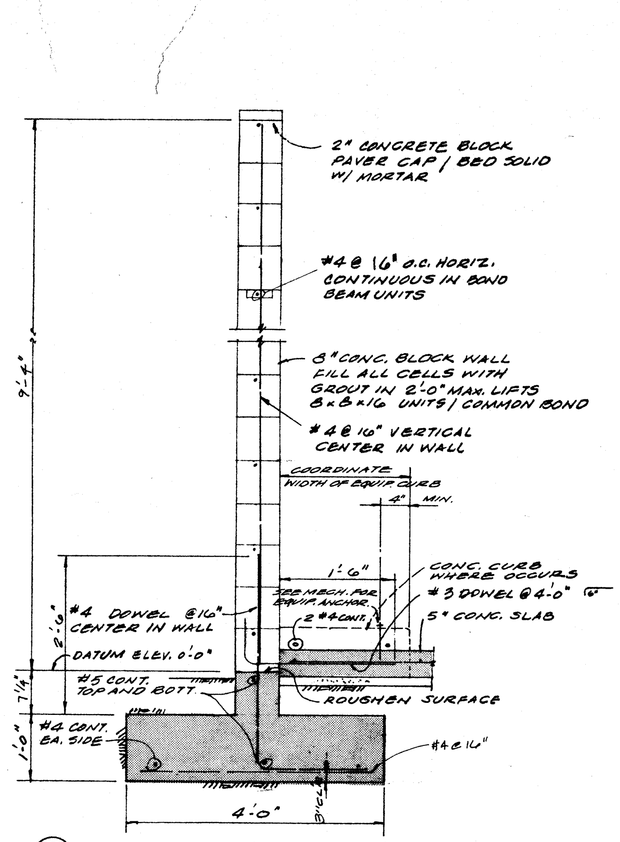
S-1

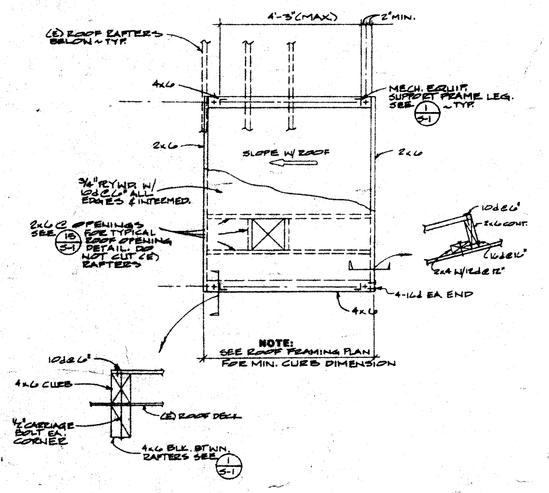
1 OF 5 SHEETS

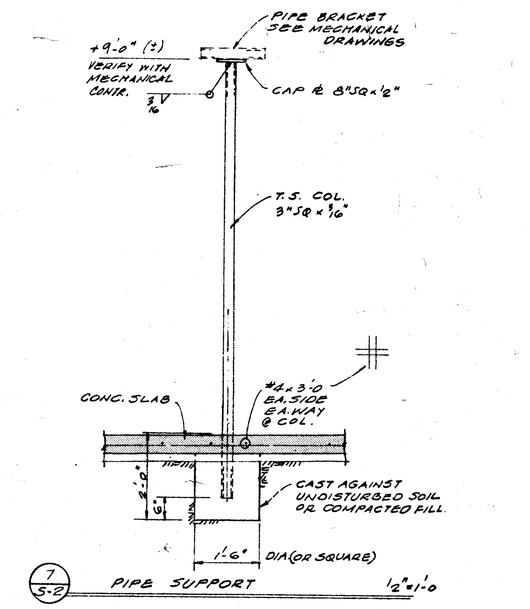


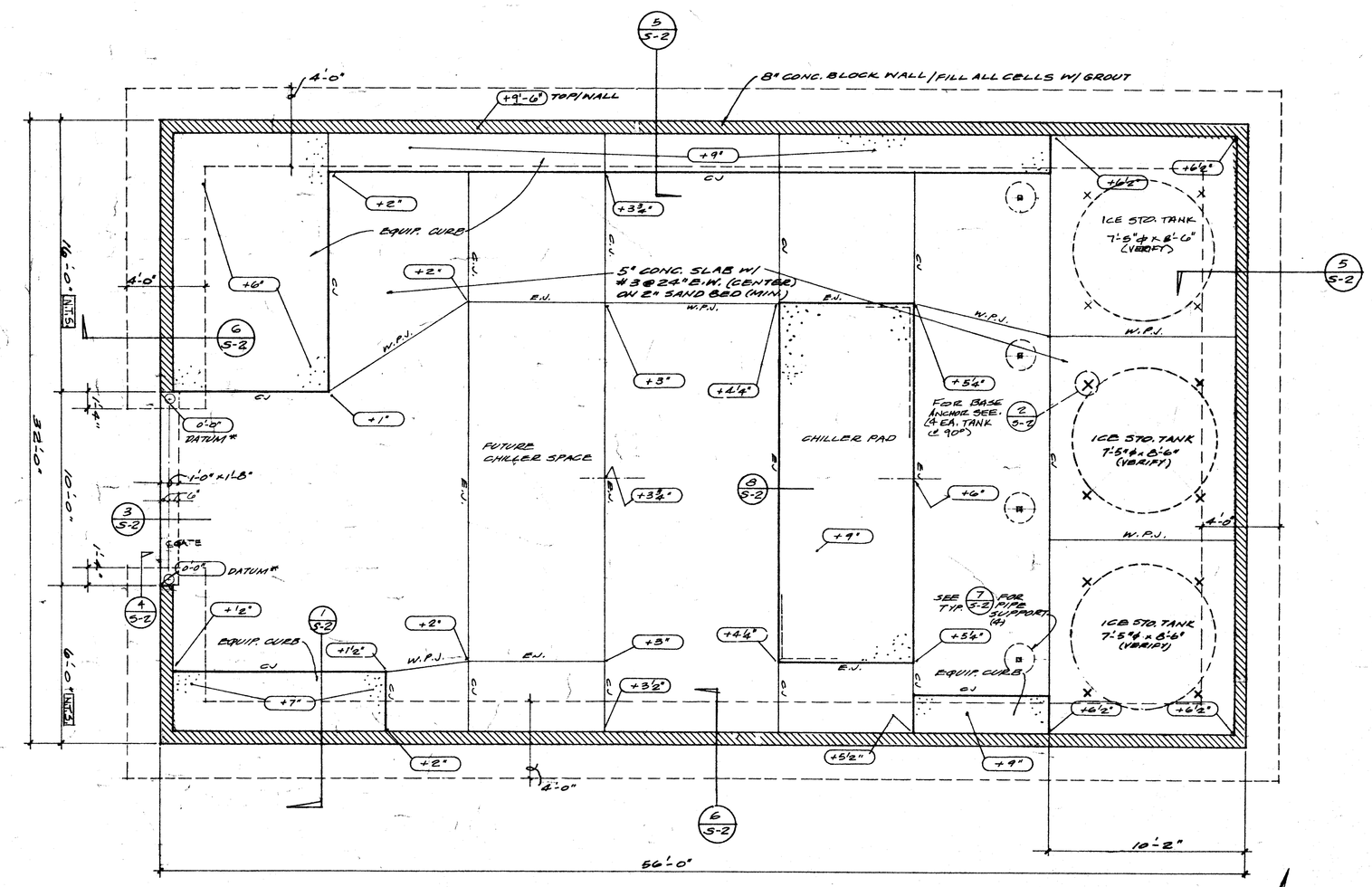




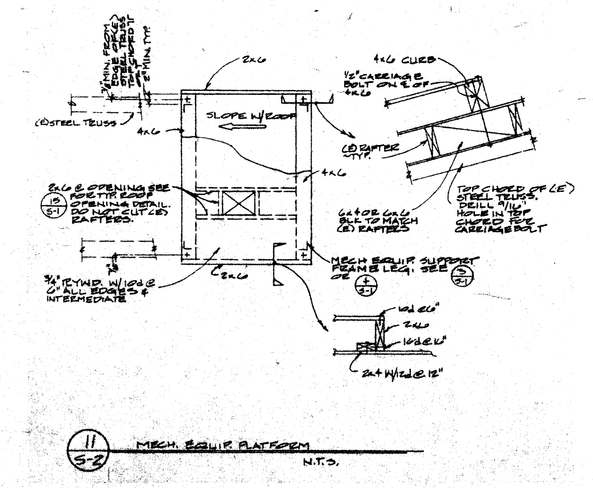


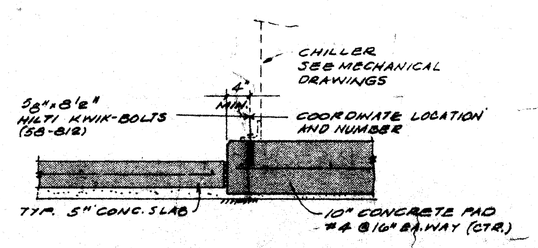






MECHANICAL EQUIPMENT ENCLOSURE AND FOUNDATION PLAN 1/4" 1'-0"





FOUNDATION PLAN NOTES

(XX) INDICATES ELEVATION ABOVE (+), OR DEPTH BELOW (-) DATUM SLAB ELEVATION (0'-0"). INDICATES T.O. CONCRETE UNLESS NOTED.
B.F. BOTTOM OF FOOTING
C.J. CONSTRUCTION OR CONTROL JOINT
W.P.J. WEAKENED PLANE JOINT
E.J. EXPANSION JOINT

* SEE SITE GRADING PLAN (DRAWING C-1) FOR DATUM SLAB ELEVATION.

CENTER FOOTINGS UNDER WALLS AND/OR COLUMNS ABOVE UNLESS SPECIFICALLY DIMENSIONED OTHERWISE.

SEE SHEET S-1 FOR GENERAL NOTES AND TYPICAL DETAILS.

COORDINATE LOCATION AND SIZE OF MECH. & ELEC. EQUIP.

SEE (5/S-1) FOR TYPICAL FOUNDATION NOTES & DETAILS.

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Structural Safety Section
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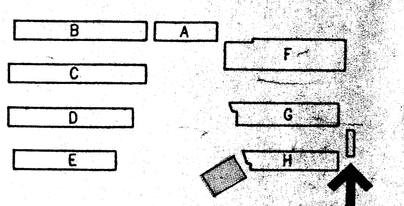
KEY PLAN



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DATE	REVISIONS

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MECHANICAL EQUIPMENT ENCLOSURE

APPROVED/ARCHITECT
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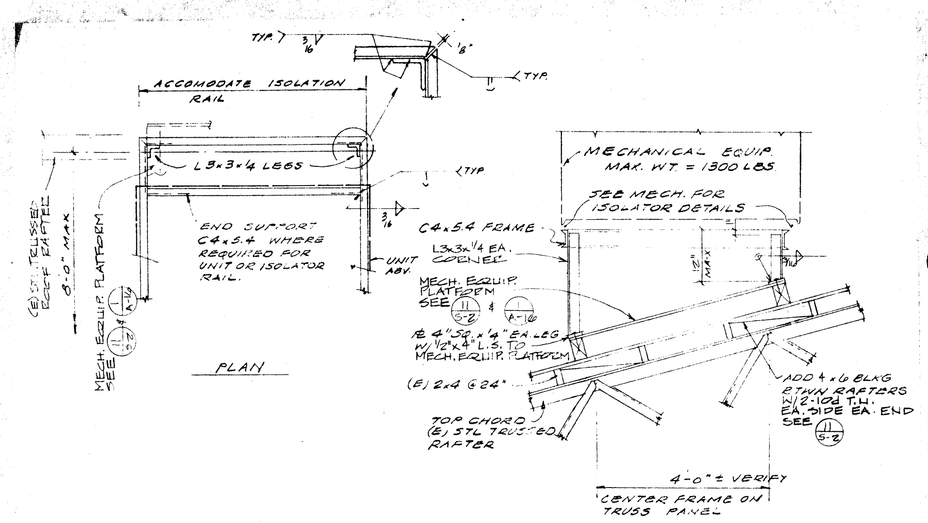
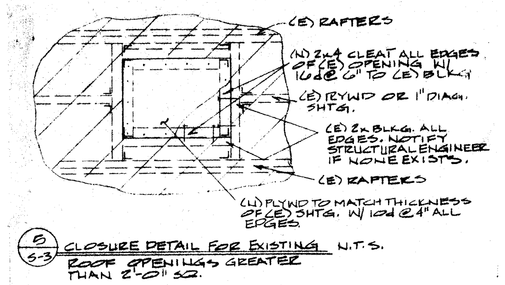
DATE
PROJECT NO.

SHEET NUMBER
S-2
2 OF 3 SHEETS



1/S-3 MECH. EQUIPMENT SUPPORT FRAME TYPE C

1. COORDINATE W/ MECH. DRWGS. FOR EQUIP. SIZE & LOCATION.
2. FRAMES SHALL CONFORM TO STRUCTURAL STEEL SECTION OF SPECS.

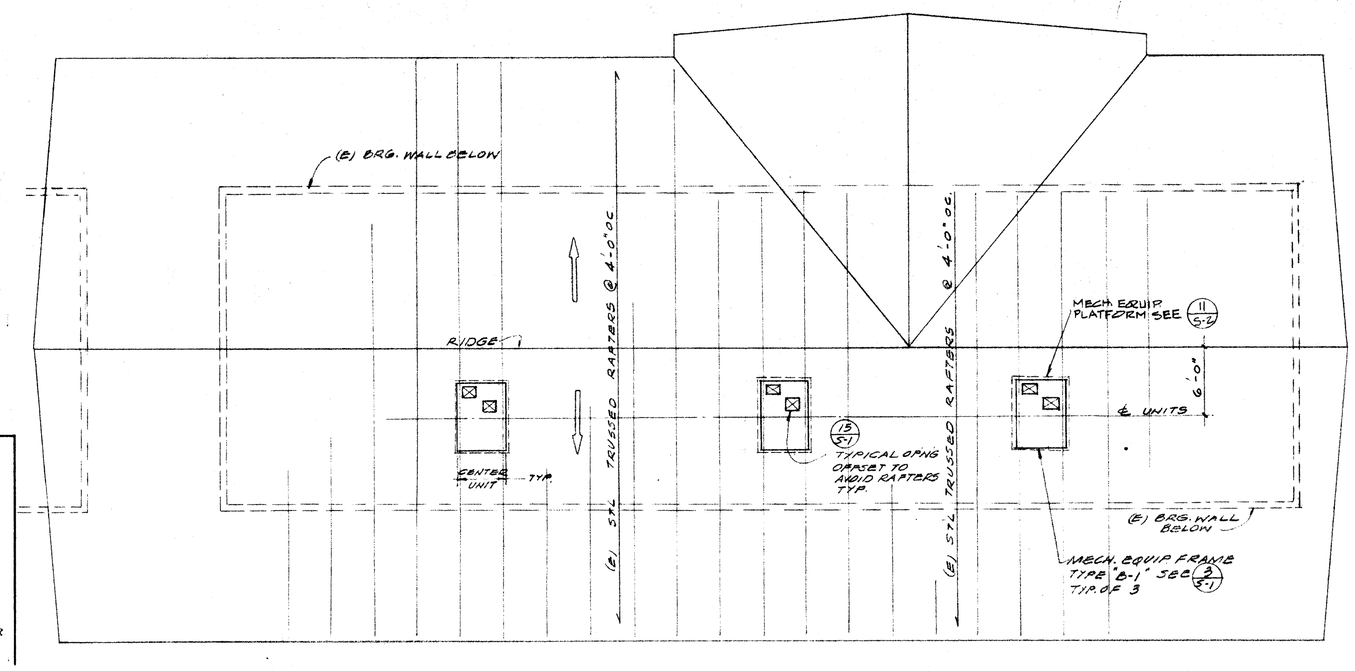


6/S-3 CLOSURE DETAIL FOR EXISTING ROOF OPENINGS GREATER THAN 2'-0" SQ. N.T.S.

FRAMING PLAN NOTE

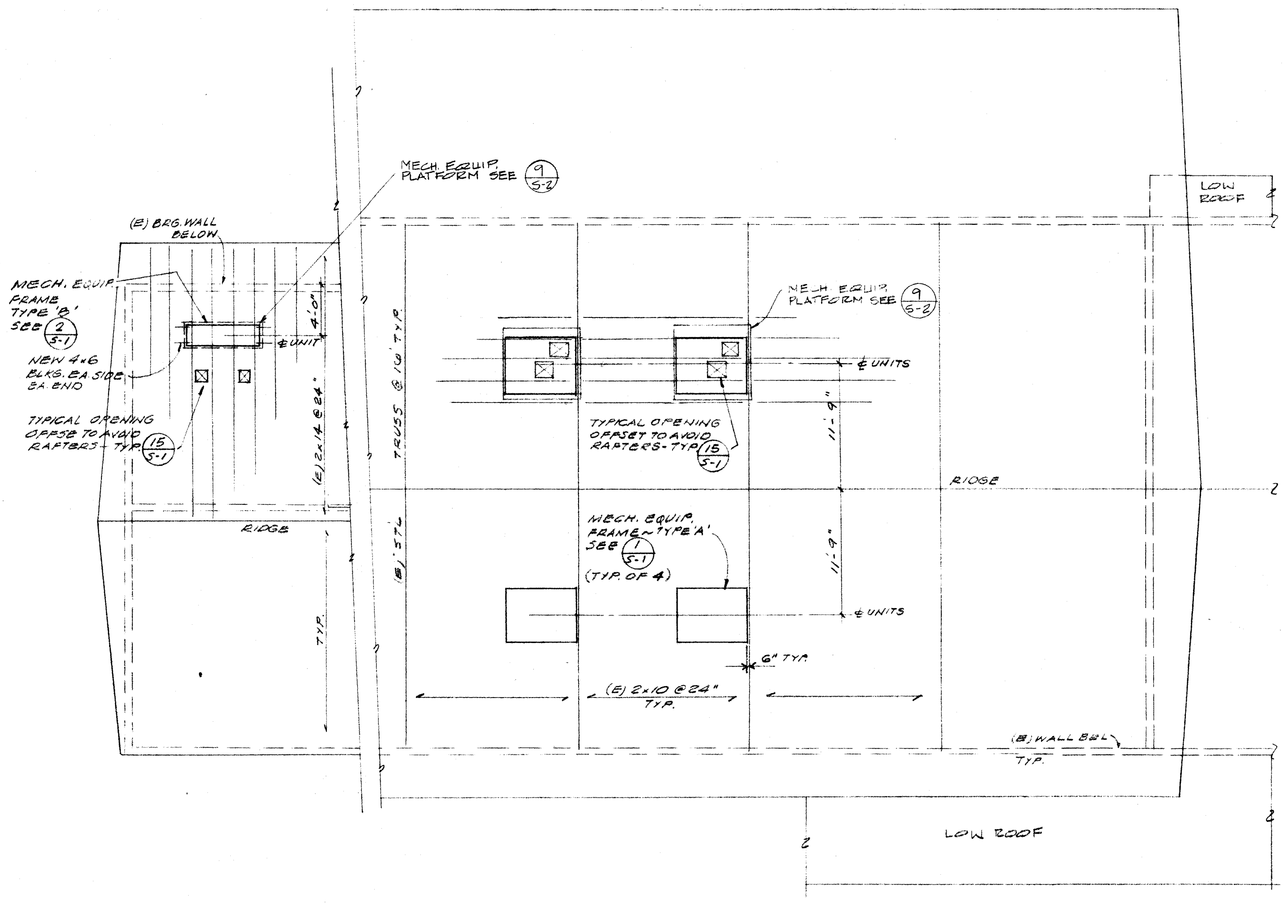
NOTE: SEE 15/S-1 FOR DETAILS OF TYPICAL OPENING THROUGH EXISTING (E) ROOF. DO NOT CUT STRUCTURAL FRAMING. THE DIMENSIONS LOCATING THE NEW HVAC EQUIPMENT SHALL BE VERIFIED, ALONG WITH THE DIMENSIONS OF THE NEW EQUIPMENT, DUCTWORK AND EXISTING CONDITIONS PRIOR TO FABRICATION AND CONSTRUCTION. WHERE EXISTING CONDITIONS VARY FROM THOSE SHOWN OR WHERE NEW EQUIPMENT DICTATES A SIGNIFICANT (GREATER THAN 1'-0") ADJUSTMENT OF THE UNIT LOCATIONS, THE ARCHITECT SHALL BE NOTIFIED AND THE ENGINEER SHALL REVIEW THE PROPOSED MODIFICATION PRIOR TO THE CONTINUATION OF THE WORK.

NO STRUCTURAL MEMBERS SHALL BE NOTCHED OR CUT NOR ANY HOLES BE BORED IN THEM UNLESS THEY ARE DETAILED ON DRAWINGS AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT.

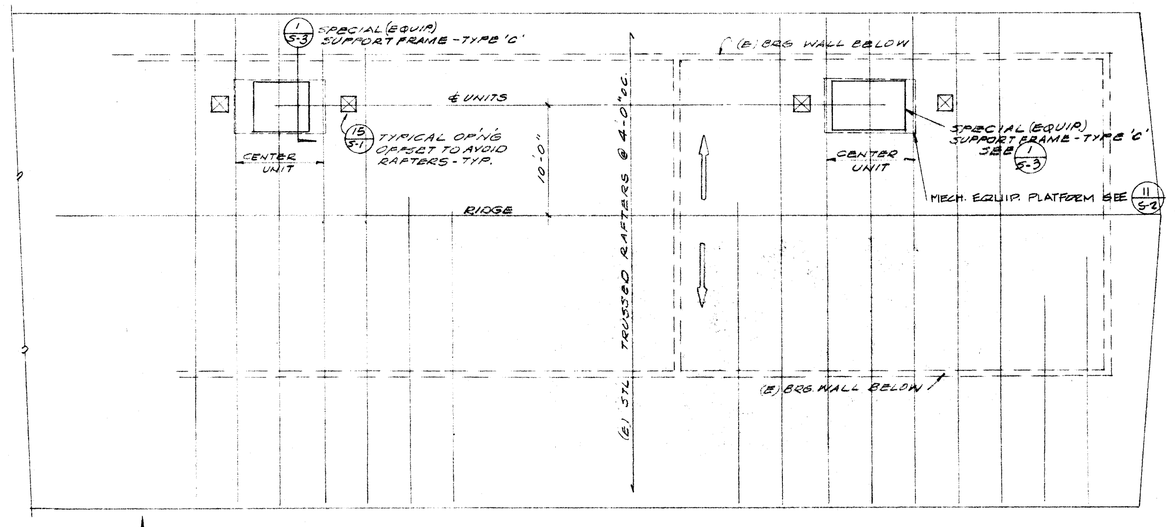


PARTIAL ROOF FRAMING PLAN BUILDING A

1/8" = 1'-0"

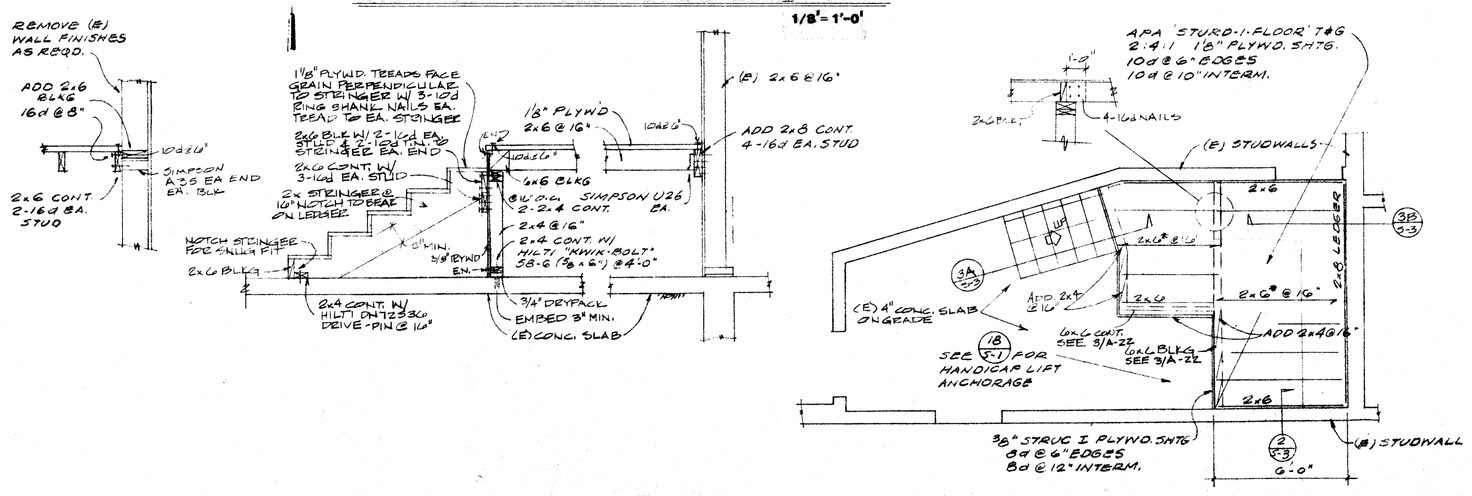


PARTIAL ROOF FRAMING PLAN BUILDING H 1/8" 1'-0"



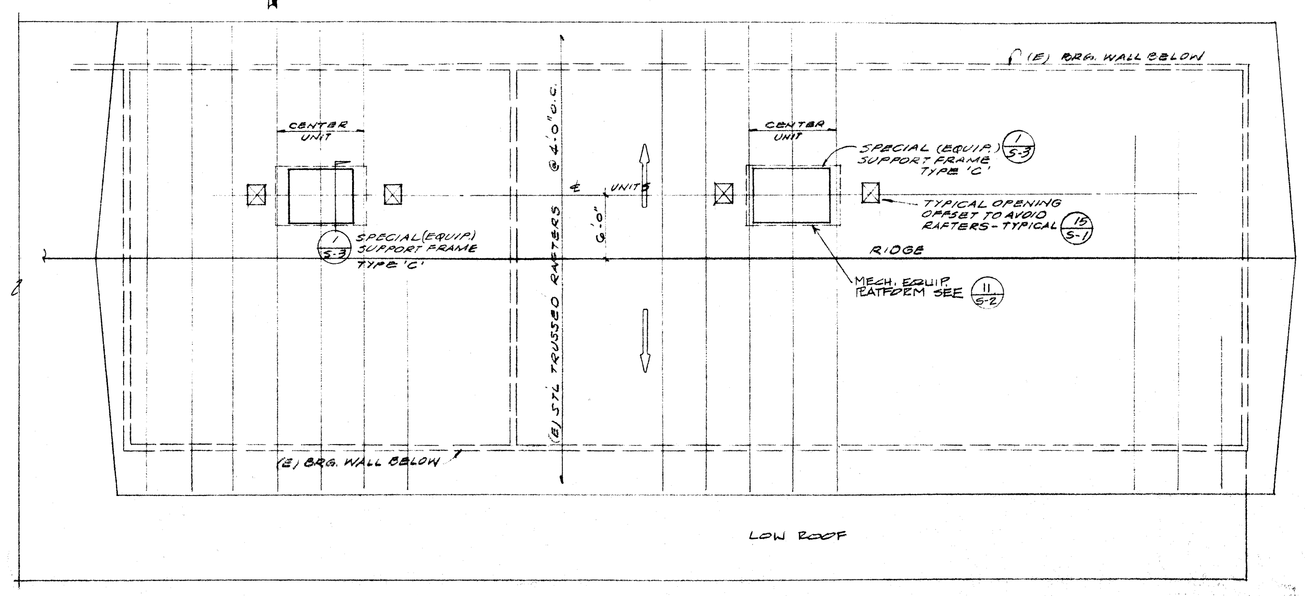
PARTIAL ROOF FRAMING PLAN BUILDING F

1/8" = 1'-0"



PARTIAL ROOF FRAMING PLAN BUILDING G

1/8" = 1'-0"



2/S-3 ½"=1'-0" | 3A/S-3 ½"=1'-0" | 3B/S-3 ½"=1'-0"

4/S-3 PLATFORM MODIFICATION / HANDICAP LIFT BUILDING F

½"=1'-0"

#SEASON80 (19% MAX. M.C.)

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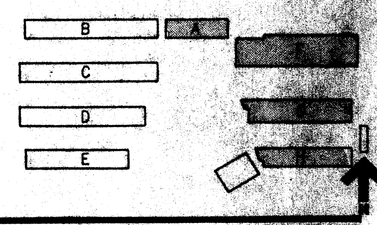
WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSION. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS. SHOP DRAWINGS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

KEY PLAN



BAKERSFIELD CITY SCHOOL DISTRICT
BOARD OF EDUCATION

DATE	APPROVED

DATE	ISSUED FOR
2-10-89	O.S.A. PLAN CHECK
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE

PARTIAL ROOF FRAMING PLANS AND DETAILS

APPROVED/ARCHITECT
CHECKED RC
DRAWN BY GK
DATE 8-1-89
PROJECT NO. 88-2898

SHEET NUMBER

S-3

3 OF 3 SHEETS