OXFORD ELEMENTARY SCHOOL MODERNIZATION

Berkeley Unified School District

O.P.S.C. APPLICATION NO.77/61143-00-29

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED IN THIS PROJECT

&	AND
L	ANGLE
@	AT
℄	CENTERLINE
[	CHANNEL
Φ	DIAMETER OR ROUND
//	PARALLEL
d	PENNY
⊥	PERPENDICULAR
#	POUND OR NUMBER
PL	PLATE
A.B.	ADDITIVE BID (OR ANCHOR BOLT)
ABV.	ABOVE
A/C	AIR CONDITIONING
A.C.	ASPHALT CONCRETE
ACOUST.	ACOUSTICAL
A.C.P.	ACOUSTICAL CEILING PANEL
A.C.T.	ACOUSTICAL CEILING TILE
A.D.	AREA DRAIN
A.D.A.	AMERICAN DISABILITIES ACT
ADD.	ADDITIVE (OR ADDENDUM)
ADD'L	ADDITIONAL
ADHES.	ADHESIVE
ADJ.	ADJUSTABLE
ADMIN.	ADMINISTRATION
A.F.F.	ABOVE FINISHED FLOOR
AGGR.	AGGREGATE
A.H.U.	AIR HANDLING UNIT
AL.	ALUMINUM
ALT.	ALTERNATE
ANOD.	ANODIZED
A.P.	ACCESS PANEL
APROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
A.S.	ASPHALT SHINGLES
ASB.	ASBESTOS
ASPH.	ASPHALT
AUTO.	AUTOMATIC
A–V	AUDIO – VISUAL
A.W.P.	ACOUSTICAL WALL PANEL
BD.	BOARD
BET.	BETWEEN
BITUM.	BITUMINOUS
BLDG.	BUILDING
BLKG.	BLOCKING
BM.	BEAM
BOT.	BOTTOM
BSMT.	BASEMENT
B.U.R.	BUILT-UP ROOFING
CAB.	CABINET
C.B.	CATCHBASIN
C.BD.	CHALKBOARD
C.C.R.	CALIFORNIA CODE OF REGULATIONS
CEM.	CEMENT
CER.	CERAMIC
C.G.	CORNER GUARD
C.H.	CEILING HEIGHT
C.I.	CAST IRON
C.J.	CONTROL JOINT
C.L.	CHAIN LINK
CLER.	CLERESTORY
CLG.	CEILING
CLO.	CLOSET
CLR.	CLEAR
C.M.U.	CONCRETE MASONRY UNIT
CNTR.	CENTER
C.O.	CASED OPENING
COL.	COLUMN
COMB.	COMBINATION
CONC.	CONCRETE
CONF.	CONFERENCE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
CORR.	CORRIDOR
CPT.	CARPET
C.T.	CERAMIC TILE
CTSK.	COUNTERSUNK
D.	DEEP
DBL.	DOUBLE
DEMO.	DEMOLITION
DEPT.	DEPARTMENT
DET.	DETAIL
D.F.	DRINKING FOUNTAIN
DIA.	DIAMETER
DIAG.	DIAGONAL
DIM.	DIMENSION
DIN.	DINING
DISP.	DISPENSER
DN.	DOWN
D.O.	DOOR OPENING
DR.	DOOR
DRESS.	DRESSING
D.S.	DOWNSPOUT
DWG.	DRAWING
DWR.	DRAWER
(E)	EXISTING
E.	EAST
EA.	EACH
E.B.	EXPANSION BOLT
E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM
E.J.	EXPANSION JOINT
EL.	ELEVATION
ELAS.	ELASTOMERIC
ELEC.	ELECTRICAL
ELEV.	ELEVATOR
EMER.	EMERGENCY
ENCL.	ENCLOSURE
E.P.	ELECTRICAL PANELBOARD
E.P.S.	EXPANDED POLYSTYRENE
EQ.	EQUAL
EQUIP.	EQUIPMENT
E.S.	EACH SIDE
EXAM.	EXAMINATION
EXH.	EXHAUST
EXP.	EXPANSION
EXPO.	EXPOSED
EXT.	EXTERIOR
E.W.	EACH WAY
E.W.C.	ELECTRIC WATER COOLER
E.W.P.	ELASTOMERIC WATERPROOFING
F.A.	FIRE ALARM
F.B.	FLAT BAR
F.D.	FLOOR DRAIN
FDN.	FOUNDATION
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
FED.	FEDERAL
F.F.	FINISHED FLOOR
F.H.C.	FIRE HOSE CABINET
F.H.W.S.	FLAT HEAD WOOD SCREW
F.H.M.S.	FLAT HEAD MACHINE (OR METAL) SCREW
F.H.S.M.S.	FLAT HEAD SHEET METAL SCREW
FIN.	FINISHED
FIXT.	FIXTURE
FL.	FLOOR
FLASH.	FLASHING
FLUOR.	FLUORESCENT
F.O.	FACE OF
F.O.B.	FACE OF BUILDING
F.O.C.	FACE OF CONCRETE
F.O.F.	FACE OF FINISH
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUD
F.O.W.	FACE OF WALL
FR.	FRAME
F.R.P.	FIBER REINFORCED PANEL
FRPF.	FIREPROOFING
F.R.T.	FIRE RETARDANT TREATED
F.S.	FULL SIZE
FTG.	FOOTING
FURR.	FURRING
FUT.	FUTURE
F.W.C.	FABRIC WALL COVERING
GA.	GAUGE
G.A.	GYPSUM ASSOCIATION
GALV.	GALVANIZED
G.B.	GRAB BAR
GEN.	GENERAL
G.F.R.C.	GLASS FIBER REINFORCED CEMENT
GL.	GLASS
G.L.B.	GLULAM BEAM
G.M.M.U.	GLASS MESH MORTAR UNIT
GND.	GROUND
GOVT.	GOVERNMENT
GR.	GRADE
GYP.	GYPSUM
H.	HIGH
H.B.	HOSE BIB
H.C.	HOLLOW CORE
HCP.	HANDICAPPED
HD.	HAND
HDR.	HEADER
HDWD.	HARDWOOD
HDWE.	HARDWARE
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
H.P.	HIGH POINT
HR.	HOUR
HT.	HEIGHT
H.T.	HEAVY TIMBER
H.V.A.C.	HEATING/VENTILATING/ AIR CONDITIONG
I.D.	INSIDE DIAMETER
IN.	INCH
INCAND.	INCANDESCENT
INCL.	INCLUDE
INFO.	INFORMATION
INSUL.	INSULATION
INT.	INTERIOR
JAN.	JANITOR
JT.	JOINT
KIT.	KITCHEN
L.	LENGTH
LAB.	LABORATORY
LAM.	LAMINATE
LAV.	LAVATORY
L.B.	LAG BOLT
LG.	LONG
LKR.	LOCKER
LOUV.	LOUVER
L.P.	LOW POINT
LT.	LIGHT
MAINT.	MAINTENANCE
MAT.	MATERIAL
MAX.	MAXIMUM
M.B.	MACHINE BOLT
M.BD.	MARKER BOARD
M.C.	MEDICINE CABINET
MECH.	MECHANICAL
MEMB.	MEMBRANE
MET.	METAL
MEZZ.	MEZZANINE
MFR.	MANUFACTURER
M.H.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
M.O.	MASONRY OPENING
MTD.	MOUNTED
MUL.	MULLION
MWP	METAL WALL PANEL
(N)	NEW
N.	NORTH
N.E.	NORTHEAST
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
N.P.S.	NOMINAL PIPE SIZE
N.T.S.	NOT TO SCALE
N.W.	NORTHWEST
O/	OVER
O.A.	OVERALL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.D.	OVERFLOW DRAIN
OFF.	OFFICE
O.F.S.	OVERFLOW SCUPPER
O.H.	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
O.S.A.	OFFICE OF THE STATE ARCHITECT
O.S.C.I.	OWNER SUPPLIED, CONTRACTOR INSTALLED
OZ.	OUNCE
P.A.	PLANTING AREA
P.B.	PANIC BAR
P.E.	PORCELAIN ENAMEL
PL.	PLATE
P. LAM.	PLASTIC LAMINATE
PLAS.	PLASTER
PLYWD	PLYWOOD
PNL.	PANEL
POL.	POLISHED
PR.	PAIR
PRCST.	PRECAST
PT.	POINT
P.T.	PRESSURE TREATED
P.T.D.	PAPER TOWEL DISPENSER
P.T.D./R	PAPER TOWEL DISPENSER & RECEPTACLE
PTN.	PARTITION
PVC	POLYVINYL CHLORIDE
Q.T.	QUARRY TILE
(R)	REMOVE
R.	RISER
RAD.	RADIUS
R.B.	RUBBER BASE
RCP.	REFLECTED CEILING PLAN
R.D.	ROOF DRAIN
REF.	REFERENCE
REFL.	REFLECTED
REFR.	REFRIGERATOR
REQD.	REQUIRED
RESIL.	RESILIENT
REV.	REVISION
RGTR.	REGISTER
R.H.	ROBE HOOK
RM.	ROOM
R.O.	ROUGH OPENING
RUB.	RUBBER
RWD.	REDWOOD
R.W.L.	RAINWATER LEADER
S.	SOUTH
S.C.	SOLID CORE
S.C.D.	SEE CIVIL DRAWINGS
SCHED.	SCHEDULE
S.D.	SOAP DISPENSER
S.D.S.	SEE DOOR SCHEDULE
S.E.	SOUTHEAST
SEAL.	SEALANT
SEC.	SECURITY
SECT.	SECTION
S.E.D.	SEE ELECTRICAL DWGS.
S.F.	SQUARE FOOT
S.F.M.	STATE FIRE MARSHALL
S.F.S.	SEE FINISH SCHEDULE
SH.	SHELF
SHR.	SHOWER
SHT.	SHEET
SHTG.	SHEATHING
SIM.	SIMILAR
S.L.D.	SEE LANDSCAPE DWGS.
S.M.	SHEET METAL
S.M.D.	SEE MECHANICAL DWGS.
S.M.S.	SHEET METAL SCREWS
S.N.D.	SANITARY NAPKIN DISPENSER
S.N.R.	SANITARY NAPKIN RECEPTACLE
S.P.	SALLYPORT
S.P.D.	SEE PLUMBING DWGS.
SPEC.	SPECIFICATION
SQ.	SQUARE
S.S.D.	SEE STRUCTURAL DWGS.
S.SK	SERVICE SINK
S.STL.	STAINLESS STEEL
STA.	STATION
STC	SOUND TRANSMISSION CLASS
STD.	STANDARD
STL.	STEEL
STOR.	STORAGE
STRUCT.	STRUCTURAL
SUSP.	SUSPENDED
S.V.	SHEET VINYL
S.W.	SOUTHWEST
SYM.	SYMMETRICAL
T.	TREAD
T.B.	TOWEL BAR
T.& B.	TOP AND BOTTOM
T.BD.	TACK BOARD
T.C.	TOP OF CURB
T.C.A.	TILE COUNCIL OF AMERICA
TEL.	TELEPHONE
TEMP.	TEMPERED
TER.	TERRAZZO
T.& G.	TONGUE AND GROOVE
THK.	THICK
THRES.	THRESHOLD
T.O.	TOP OF
T.O.C.	TOP OF CONCRETE
T.O.I.	TOP OF INSULATION
TOIL.	TOILET
T.O.M.	TOP OF METAL
T.O.P.	TOP OF PARAPET
T.O.S.	TOP OF STEEL
T.P.	TOILET PARTITION
TRANS.	TRANSFORMER
T.S.	TUBULAR STEEL
T.S.C.D.	TOILET SEAT COVER DISPENSER
T.T.D.	TOILET TISSUE DISPENSER
T.V.	TELEVISION
T.W.	TOP OF WALL
TYP.	TYPICAL
U.B.C.	UNIFORM BUILDING CODE
U.L.	UNDERWRITER'S LABORATORY
UNF.	UNFINISHED
U.O.N.	UNLESS OTHERWISE NOTED
UR.	URINAL
V.C.T.	VINYL COMPOSITION TILE
V.C.T.B.	VINYL COVERED TACKBOARD
VENT.	VENTILATOR
VERT.	VERTICAL
VEST.	VESTIBULE
V.G.D.F.	VERTICAL GRAIN DOUGLAS FIR
V.I.F.	VERIFY IN FIELD
V.W.C.	VINYL WALL COVERING
W.	WEST (OR WIDTH)
W/	WITH
W.C.	WATER CLOSET
WD.	WOOD
WDW.	WINDOW
W.F.	WIDE FLANGE
W.G.	WIRE GLASS
W.H.	WATER HEATER
W.O.	WHERE OCCURS
W/O.	WITHOUT
WP.	WATERPROOFING
W. PT.	WORK POINT
W.R.	WATER RESISTANT
WSCT.	WAINSCOT
WT.	WEIGHT
W.W.F.	WELDED WIRE FABRIC
YD.	YARD

SYMBOLS

- BUILDING SECTION REFERENCE NUMBER / SHEET REFERENCE NUMBER
- DETAIL REFERENCE NUMBER / SHEET REFERENCE NUMBER
- EXTERIOR ELEVATION REFERENCE NUMBER / SHEET REFERENCE NUMBER
- ARROW PTS. ONLY TO WALLS DRAWN / INTERIOR ELEVATION REFERENCE NUMBER / SHEET REFERENCE NUMBER
- PLYWOOD
- FINISHED WOOD
- ROUGH WOOD (BLOCKING)
- ROUGH WOOD (CONTINUOUS)
- BATT INSULATION OR SOUND INSULATION
- RIGID INSULATION
- EARTH
- (E) CONCRETE
- AGGREGATE BASE
- ACOUSTICAL TILE OR BOARD
- GYPSUM BOARD
- STEEL
- WATERPROOF MEMBRANE
- PLASTER ON METAL LATH
- 123 — W.I.C. CABINET NUMBER (NEW)
- A–1 — EXISTING CASEWORK KEY
- MATCHLINE
- 8'–0" — CEILING HEIGHT A.F.F. (IF OTHER THAN TYP.)
- SLOPE DOWN DIRECTION OF ROOF OR CRICKET
- OFFICE / 100 — ROOM NAME / ROOM NUMBER
- LETTER = WINDOW TYPE / NUMBER = LOUVER TYPE
- GLAZING TYPE
- REVISION TAG
- KEY NOTE
- DATUM OR WORK POINT
- ALIGN FACE OF ADJ. SURFACES
- 116 — DOOR NUMBER,SEE DOOR SCHEDULE
- DIM. TO CENTERLINE
- F.O.S. — DIM. TO FACE OF STUD/CONC.
- F.O.F. — DIM. TO FACE OF FINISH
- (E) WALL OR PARTITION TO REMAIN
- X — WALL OR PARTITION TYPE – SEE WALL TYPE SCHEDULE
- (E) WALLS, DOORS, FIXTURES, ETC. TO BE REMOVED
- GLAZING
- LOUVER
- G1 — TOILET ROOM ACCESSORY KEY SEE ACCESSORY SCHEDULE
- BARRIER FREE PATH OF TRAVEL
- S/– — SIGN TYPE TAG
- PROPERTY LINE
- A / 1 — STRUCTURAL GRID LINES

PROJECT DIRECTORY

OWNER
BERKELEY UNIFIED SCHOOL DISTRICT
FACILITIES PLANNING OFFICE
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BERKELEY, CA 94703
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BERKELEY, CA 94707
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VBN ARCHITECTS
501 14TH STREET, SUITE 300
OAKLAND, CA 94612-1405
(510) 763-1313: FAX: (510) 465-1586

STRUCTURAL ENGINEER
GREGORY P. LUTH AND ASSOCIATES, INC.
160 JEFFERSON DRIVE
MENLO PARK, CA 94025
(650) 688-4710: FAX: (650) 688-4712

MECHANICAL ENGINEER
MONTGOMERY & ROBERTS
11090 SAN PABLO AVENUE
EL CERRITO, CA 94530
(510) 232-1541: FAX: (510) 232-0865

ELECTRICAL ENGINEER
ZEIGER ENGINEERS, INC.
330 SECOND STREET #2
OAKLAND, CA 94607
(510) 452-9391: FAX: (510) 452-0661

CIVIL
TELEMON ENGINEERING CONSULTANT
445 GRANT AVE. SUITE 600
SAN FRANCISCO, CA 94108
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CONSTRUCTION COST CONSULTANT
ROBERT W. HODGSON
5108 RAIN CLOUD DR.
EL SOBRANTE, CA 94803
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OWNER'S ENVIRONMENTAL CONSULTANT:
PINNACLE ENVIRONMENTAL
830 VALLE VISTA AVE.
VALLEJO, CA 94590
(707) 552-7936: FAX: (707) 552-7939

PROJECT DATA

SEISMIC ZONE: 4

ORS APPLICATION NUMBER: 80148

DSA FILE NO. 1–6

BUILDING AREA SUMMARY

		EXIST. S.F.	NEW S.F.	TOTAL S.F.
BUILDING 'A'	1ST FLOOR	5,659	–	5,659
BUILDING 'C'	1ST FLOOR	11,451	471	11,922
	2ND FLOOR	11,011	471	11,482
	BASEMENT	1,651	636	2,287
	BLDG. TOTAL	24,113	1,578	25,691
TOTAL SITE		29,772	1,578	31,350

EXISTING BLDG. DATA (BLDG. 'A' AND 'C')

CONSTRUCTION: WOOD STUD W/PLASTER (CONC. WALLS AT PARTIAL BASEMENT)

TYPE V – 1 HR, SPRINKLERED

YEAR BUILT: 1964

BUILDING TYPE: E-1 OCCUPANCY W/ MULTI-PURPOSE RM A2.1

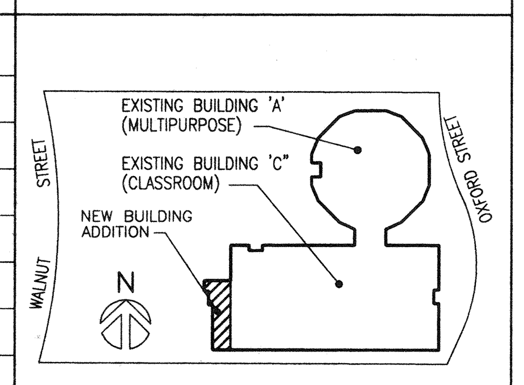
ORS APP. NO. 24704

SITE AREA 1.32 ACRES

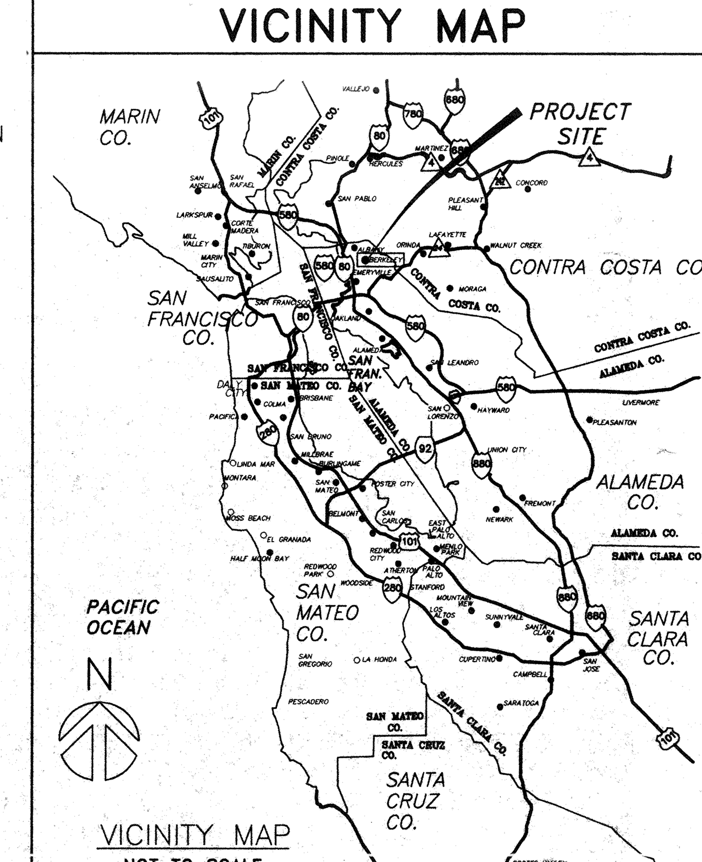
ROOM OCCUPANT LOAD

ROOM NO.	ROOM NAME	S.F.	O.L.F.	OCC. LOAD	
7	LIBRARY	1,148	50	23	
100	MULTI-PURPOSE	2,170	7	310	
131	KINDERGARTEN	953	20	48	
144 & 145	CLASSROOM(S)	1,842	20	92	
218 & 219	CLASSROOM(S)	1,842	20	92	

BUILDING KEY

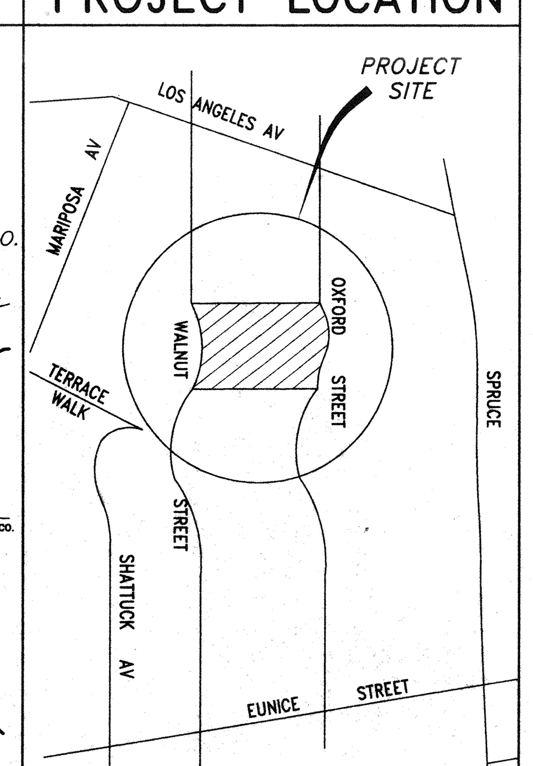


VICINITY MAP



VICINITY MAP
NOT TO SCALE

PROJECT LOCATION



LOCATION MAP
NOT TO SCALE

GENERAL NOTES

1. THE WORK OF THIS CONTRACT COMPRISES LIMITED MODERNIZATION OF AN EXISTING ELEMENTARY SCHOOL CONSTRUCTED IN 1964 INCLUDING ADA/TITLE 24 ACCESSIBILITY IMPROVEMENTS, NEW ELEVATOR AND MINOR INTERIOR RENOVATION. ALL NEW CONSTRUCTION WILL CONFORM TO CURRENT LIFE SAFETY REQUIREMENTS.
2. THE CONTRACT DOCUMENTS INDICATE RENOVATION AND NEW WORK TO BE PERFORMED BASED ON THE BERKELEY UNIFIED SCHOOL DISTRICT APPROVED TASK LIST AND VISUAL INSPECTION OF THE FACILITIES BY THE ARCHITECT AND SCHOOL DISTRICT REPRESENTATIVES. INVESTIGATIVE DEMOLITION WAS NOT PERFORMED TO DETERMINE THE POTENTIAL FOR ADDITIONAL UNFORSEEN AREAS OF REPAIR WORK.
3. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND INSTALLATIONS TO DETERMINE THE METHODS AND PROCEEDURES OF CONSTRUCTION PRIOR TO COMMENCING THE WORK. ANY DISCREPENCIES FROM THE PLANS AND SPECIFICATIONS OR UNFORSEEN CONDITIONS FOUND DURING CONSTRUCTION OR DEMOLITION WORK SHALL BE PROMPTY BROUGHT TO THE ATTENTION OF THE DISTRICT PRIOR TO PROCEEDING WITH THE WORK
4. THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE AND THE PHASING OF THE WORK WITH THE DISTRICT AND THE SCHOOL SITE REPRESENTATIVE IN ORDER TO MINIMIZE THE DISRUPTION OF THE FACILITIES ACTIVITIES.
5. ASBESTOS AND OTHER HAZARDOUS MATERIALS ARE PRESENT ON SITE, DEMOLITION AND INSTALLATIONS REQUIRED IN THIS PROJECT WILL DISTURB AREAS OF HAZARDOUS MATERIALS. SEE HAZARDOUS MATERIAL ABATEMENT DRAWINGS AND SPECIFICATIONS FOR EXTENT, METHOD AND PROCEDURES FOR HAZARDOUS MATERIAL ABATEMENT. NO ASBESTOS CONTAINING BUILDING MATERIALS (ACBM) SHALL BE INCORPORATED INTO THE PROJECT.
6. SEE STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NECESSARY DEMOLITION AND CONSTRUCTION WORK THAT WILL BE REQUIRED. IN THE EVENT OF A CONFLICT OR DIFFERENCE BETWEEN THE BACKROUND PLAN DRAWINGS OF THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL DRAWINGS AND THE ARCHITECTURAL DRAWINGS, THE LATTER SHALL GOVERN.
7. CONTRACTOR SHALL PROVIDE FOR REGULAR REMOVAL AND DISPOSAL OF ALL DEBRIS TO THE DISPOSAL SITES. HAZARDOUS MATERIALS INCLUDING ASBESTOS, SHALL BE DISPOSED OF PER SECTION 02080 & 02082 CONSTRUCTION DEBRIS SHALL NOT BE ALLOWED TO ACCUMULATE ON THE JOB SITE.
8. DIMENSIONS ARE TO FACE OF STUD OR WORK POINTS AS INDICATED ON PLANS, UNLESS OTHERWISE NOTED. DO NOT SCALE DRAWINGS; WRITTEN DIMENSIONS TAKE PRECEDENCE. NOTIFY THE ARCHITECT OF ANY DISCREPENCIES PRIOR TO ANY CONSTRUCTION WORK. CONSULT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR ALL DIMENSIONS.
9. THE ELEVATOR MANUFACTURER SHALL SUBMIT FOR THE ARCHITECT'S REVIEW AND ACCEPTANCE, AND FOR APPROVAL BY THE STRUCTURAL SAFETY SECTION, OFFICE OF THE STATE ARCHITECT, CALCULATIONS, DESIGN DRAWINGS SHOWING MEMBER SIZE AND CONNECTION DETAILS AND SPECIFICATION DEMONSTRATING COMPLIANCE WITH TITLE 24, CAC.
10. ALL WORK TO BE IN ACCORDANCE WITH REQUIREMENTS OF TITLE 24 PART I AND PART II, CALIFORNIA CODE OF REGULATIONS. A COPY OF TITLE 24 PART I AND PART II SHALL BE KEPT ON THE JOBSITE AT ALL TIMES.
11. DRAWINGS AND SPECIFICATIONS: CHANGES IN DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CHANGE ORDER, SIGNED BY THE ARCHITECT AND APPROVED BY THE OFFICE OF REGULATION SERVICES. CHANGE ORDERS SHALL ALSO BE SIGNED BY THE OWNER
12. ALL CHANGE ORDERS SHALL BE SIGNED BY THE OWNER AND THE ARCHITECT AND APPROVED BY ORS PRIOR TO CONSTRUCTION WORK IN ACCORDANCE WITH GENERAL CONDITIONS SECTIONS 7.06,10.06,12.2.2.15.
13. ALL WORK IS TO BE PERFORMED ACCORDING TO INDUSTRY STANDARDS. ALL DAMAGE INCURRED AS A RESULT OF DEMOLITION AND/OR INSTALLATION OF WORK TO BE PERFORMED WILL BE REPAIRED/PATCHED TO MATCH (E) PRIOR TO CONTINUANCE OF SAID WORK AT THE CONTRACTOR'S EXPENSE. PROVIDE PAINT ON GYP. BD. OR PLASTER WALLS CLGS., ACOUSTICAL TILE CLGS., ETC. INCLUDING ADJACENT UNPATCHED/UNREPAIRED WALLS AND CEILINGS IN ORDER TO PROVIDE A NEAT AND FINAL APPEARANCE.
14. ALL WORK SHALL BE IN ACCORDANCE WITH THE PLANS, DETAILS, AND SPECIFICATIONS PREPARED FOR THE PROJECT AND THE STANDARDS ESTABLISHED BY THE STATE OF CALIFORNIA. ANY DEVIATION FROM APPROVED PLANS DURING CONSTRUCTION WILL REQUIRE 48 HOURS PRIOR NOTICE TO AND IS SUBJECT TO THE APPROVAL OF THE ARCHITECT.
15. ALL MATERIAL AND METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST COUNTY OF ALAMEDA STANDARD PLANS AND SPECIFICATIONS, AND SHALL BE SUBJECT TO INSPECTION BY THE OWNER.
16. CONTRACTOR 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. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
17. CONTRACTOR SHALL POST ON THE SITE EMERGENCY TELEPHONE NUMBERS FOR AMBULANCE, POLICE AND FIRE DEPARTMENTS.
18. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULAIONS. A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND SPECIFICATION DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
19. ALL CONDITIONS ARE EXISTING AND SHALL REMAIN UNLESS OTHERWISE INDICATED ON THE DRAWINGS AND/OR SPECIFICATIONS.
20. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION AND ASSEMBLY OF ALL ELEMENTS OF THIS PROJECT. NOTIFY ARCHITECT OF ALL DISCREPANCIES PRIOR TO COMMENCING WORK IN ANY AREA WHERE DISCREPANCIES OCCUR.
21. DRAWINGS AND SPECIFICATIONS REPRESENT FINISHED CONSTRUCTION, U.O.N. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, SHORING AND TEMPORARY BRACING.
22. WORK NOT PARTICULARLY DETAILED, MARKED, OR SPECIFIED, SHALL BE THE SAME AS SIMILAR WORK THAT IS DETAILED, MARKED, OR SPECIFIED.
23. NO DEVIATION FROM THE APPROVED DRAWINGS AND SPECIFICATIONS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. WRITTEN CONSENT IS SUBJECT TO DSA APPROVAL. THE ARCHITECT'S INTERPRETATION OF THESE DOCUMENTS SHALL BE FINAL.
24. LARGER SCALE DRAWINGS GOVERN IN CASE OF CONFLICT WITH SMALLER SCALE DRAWINGS.
25. OMISSION OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, NOTES, SPECIFICATIONS, AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND RESOLVED BEFORE PROCEEDING WITH THE WORK.
26. S.M.D. AND S.E.D. FOR VENT, DUCT, CONDUIT, AND SLEEVE PENETRATIONS, AND ACCESS DOORS OR PANELS TO CONCEALED EQUIPMENT NOT SHOWN ON THE ARCHITECTURAL DRAWINGS.
27. PROJECT PHASING:
PROJECT IS IN TWO PHASES. FOR DESCRIPTION OF PHASING SEE SPECIFICATIONS.

DEFERRED APPROVAL ITEMS

1. SUBMIT SHOP DRAWINGS TO DSA/ORS FOR REVIEW & APPROVAL OF FIRE SPRINKLER SYSTEMS INCLUDING CALCULATIONS & EQUIPMENT CUT SHEETS.

FILE NO 1-6

80148
LUGTU CKC/FWLS
2/20/1998

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A1.1 SITE DETAILS

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DA2.2 DEMOLITION PLANS: SECOND FLOOR

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A2.2 SECOND FLOOR & BASEMENT FLOOR PLANS
A2.3 ROOF PLAN

A3.1 EXTERIOR ELEVATIONS
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S4.0 DETAILS
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E7 POWER AND SIGNAL PLANS – SECOND FLOOR & LOWER LEVEL
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BCI BUILDING COMPLIANCE FORMS

HAZARDOUS MATERIALS

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HM-2 SECOND FLOOR AND BASEMENT PLANS
HM-3 ROOF PLAN
HM-4 CRAWL SPACE PLAN

APPLICABLE CODES & REGULATIONS

1. OCCUPANCY REQUIREMENTS:
CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 2, CHAPTER 2–8 (CALIFORNIA BUILDING CODE [CBC] 1995, VOLUME 1)
2. GENERAL DESIGN REQUIREMENTS:
CALIFORNIA CODE OF REGULATIONS TITLE 24, PARTS 2&6. (CALIFORNIA BUILDING CODE [CBC] 1995, VOLUME 1)
3. STRUCTURAL AND SEISMIC DESIGN REQUIREMENTS:
CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 2 & 7. (CALIFORNIA BUILDING CODE [CBC] 1995, VOLUME 2)
4. HANDICAPPED ACCESSIBILITY:
CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 2, 3 & 5. (O.R.S. INTERPRETIVE MANUAL)
5. FIRE SAFETY (STATE FIRE MARSHAL):
CALIFORNIA CODE OF REGULATIONS TITLE 19, CHAPTER 1, AND PART 9 TITLE 24. (CALIFORNIA FIRE CODE [CFC] 1995).
6. MECHANICAL REQUIREMENTS:
CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 4. (CALIFORNIA MECHANICAL CODE [CMC] 1995).
7. PLUMBING REQUIREMENTS:
CALIFORNIA CODE OF REGULATIONS TITLE 24, PART 5. (CALIFORNIA PLUMBING CODE [CPC] 1995).
8. ELECTRICAL REQUIREMENTS:
CALIFORNIA CODE OF REGUALTIONS TITLE 24, PART 3. (CALIFORNIA ELECTRICAL CODE [CEC] 1995).
9. DESIGN AND CONSTRUCTION REQUIREMENTS WHERE NOT MODIFIED BY ABOVE REGULATIONS:
CBC, CALIF. BLDG. CODE 1995
CMC, CALIF. MECH. CODE 1995
CEC, CALIF. ELEC. CODE 1995
CPC, CALIF. PLUMB. CODE 1995
10. AS A FACILITY WHICH COMES UNDER THE AUTHORITY OF THE DIVISION OF THE STATE ARCHITECT (DSA). THIS PROJECT IS SUBJECT TO DRAWING AND JOBSITE REVIEW BY REPRESENTATIVES OF THAT OFFICE.
11. FOR ADDITIONAL APPLICABLE BLDG. CODES AND STANDARDS NOT ENFORCED BY DSA/ORS REFER TO THE FOLLOWING:
A. CONSTRUCTION SAFETY (CAL-OSHA): CALIFORNIA CODE OF REGULATIONS, TITLE 8.
B. RULES AND REGULATIONS OF THE LOCAL TELEPHONE COMPANY: PACIFIC BELL CO.
C. ALL PERTINENT CODES, RULES, AND ORDINANCES OF THE CITY OF BERKELEY.

REFER ALSO TO PROJECT DATA ON THIS SHEET AND SPECIFICATION SECTION 01060.

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☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 3158 EXP: 12/31/99 STATE OF CALIFORNIA

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BERKELEY UNIFIED SCHOOL DISTRICT

TITLE SHEET

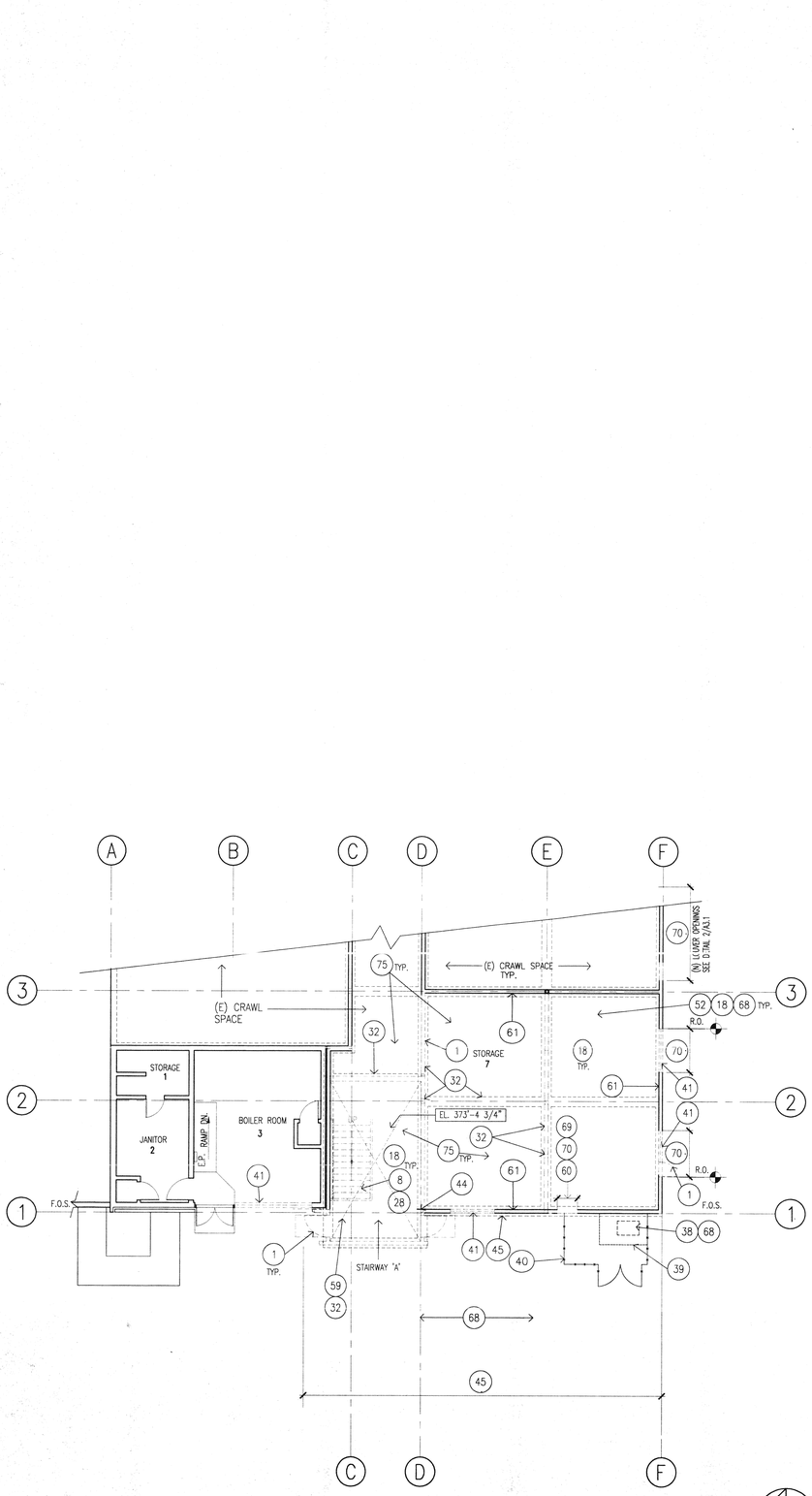
DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: JC SCALE:
CHECKED BY: CG

T1

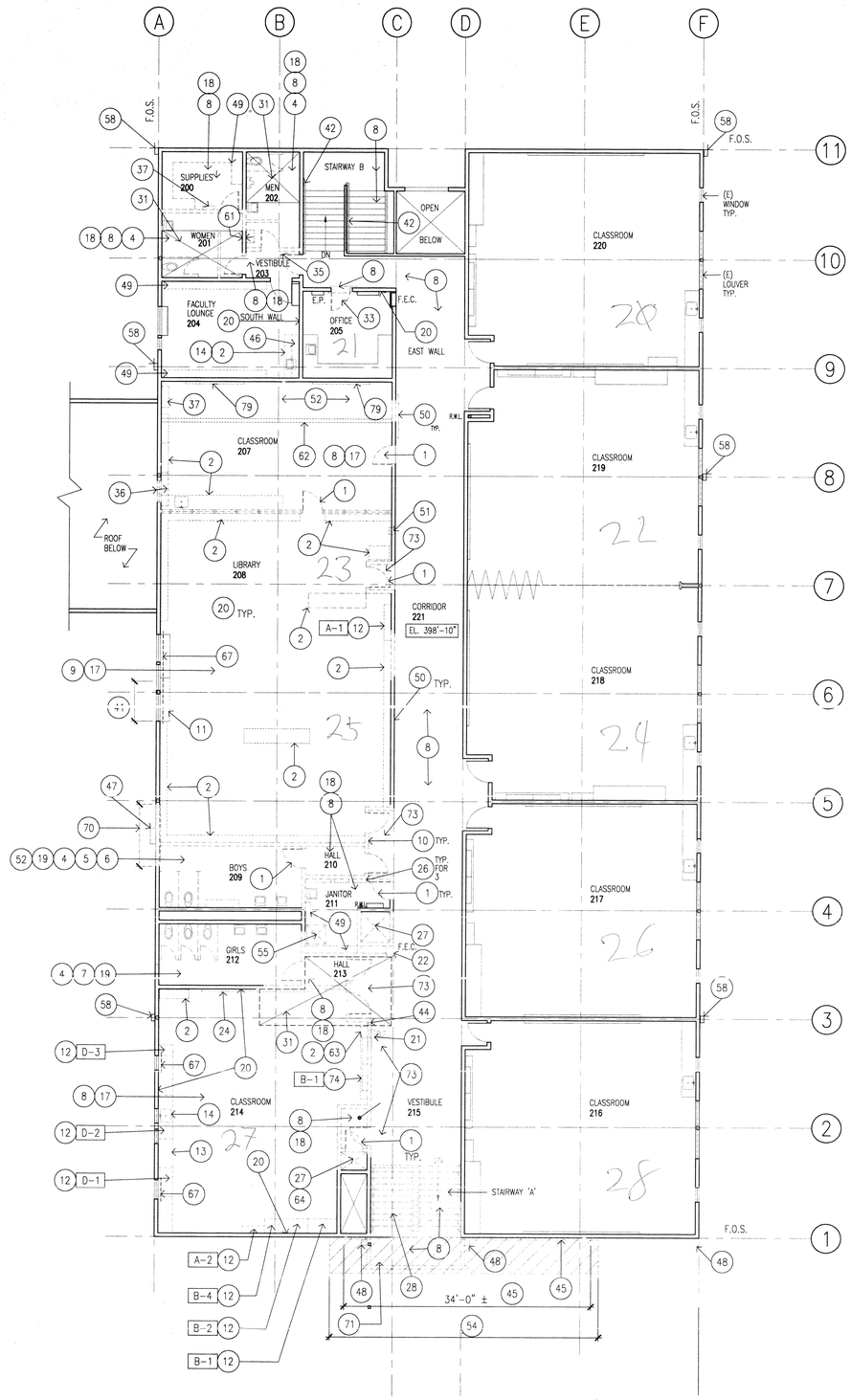
JOB NO: 9714 | 1 OF 60 SHEETS

PLOT DATE:
F:\ T1.DWG
JOB NUMBER :
F:\9714oxfo\t1.dwg Wed Feb 18 16:33:58 1998



REFERENCE NORTH

BASEMENT DEMOLITION PLAN: CLASSROOM BUILDING | 1/8" | 2



REFERENCE NORTH

SECOND FLOOR DEMOLITION PLAN: CLASSROOM BUILDING | 1/8" | 1

KEY NOTES

*** DEMO KEY NOTES CONTINUED FROM SHEET DA2.1**

46 (E) WALL CAB'T ABOVE TO REMAIN.

47 REMOVE (E) WALL MOUNTED EXTERIOR CLOCK AND/OR PROTECTIVE CASE & ELEC. OUTLET.

48 REMOVE (E) WOOD TRIM WHERE OCCURS AT (N) BLDG. ADDITION.

49 REMOVE (E) STORAGE SHELVING/CABINETS, ETC.

50 REMOVE ALL (E) WOOD TRIM AND COAT HOOKS, TACKBDS. OR OTHER MISC. ITEMS MOUNTED ON NORTH CORRIDOR WALL & SALVAGE FOR REUSE BY SCHOOL. COORDINATE WITH DISTRICT.

51 REMOVE (E) BOOK DROP.

52 MODIFY (E) FIRE SPRINKLER PIPES, ETC. – S.P.D

53 REMOVE (E) STORAGE CABINET INCL. SHELVING, CAB. DOORS, PLYWOOD PANELING AND WOOD TRIM ABOVE.

54 REMOVE (E) ROOF AREA S.S.D. FOR EXTENT.

55 REMOVE (E) ROOF ACCESS HATCH & LADDER.

56 REMOVE (E) MISC. WALL–MTD. ITEMS INCLUDING LIGHT FIXTURES.

57 REMOVE (E) GYP. BD. SOFFIT ABOVE (E) CLOSET FOR INSALLATION OF (N) FURRED SOFFIT

58 REMOVE (E) DOWNSPOUT TO ROOF DRAIN ABOVE. SEE ROOF PLAN SHT. A2.3 FOR EXTENT OF DEMOLITION WORK.

59 REMOVE (E) CONC. SLAB, S.S.D. FOR EXTENT OF WORK.

60 FOR DEMOLITION OF STUDS & PLYWD. SHEATHING FOR (N) DOOR OPENING S.S.D.

61 (E) GYP. BD. FIN. TO BE REMOVED AT (E) STUD WALL AS PART OF HAZ. MAT. WORK

62 REMOVE (E) WOOD TRIM AT CEILING

63 REMOVE (E) RAISED PLATFORM INCLUDING VINYL ASBESTOS TILE FINISH.

64 REMOVE SHEET METAL LINER BETWEEN FLOORS AT (E) TRASH CHUTE SHAFT

65 REMOVE (E) WALL–MTD. LIGHT FIXTURE S.F.D.

66 REMOVE (E) THRESHOLD

67 REMOVE (E) WINDOW CURTAINS AND/OR CURTAIN TRACK.

68 REMOVE & RE–ROUTE (E) PLUMBING & GAS LINES S.P.D.

69 SAWCUT AND REMOVE (E) CONC. CURB FOR (N) DOOR OPENING; BREAK OBSTRUCTION BELOW FIN. FLR., SEE FIN. SCHED. NOTES SHT. A10.2

70 REMOVE PORTION OF (E) EXTERIOR WALL FOR (N) WINDOW, LOUVER OR DOOR OPENING. SEE EXTERIOR ELEV.

71 S.S.D. FOR DEMOLITION OF PORTION OF (E) STAIR STRUCTURE BACK TO STRUCTURAL HEADER INCLUDING ROOF, CONC. SLAB AND FOOTINGS

72 REMOVE PORTION OF EXTERIOR CEMENT PLASTER SOFFIT ABOVE ENTRY ALCOVE FOR ACCESS TO SINK PLUMBING LINES AT 2ND FLOOR. S.P.D.

73 REMOVE PORTION OF SUSPENDED CEILING PANELS FOR RECONFIGURATION OF (N) WALLS AT CORRIDOR

74 REMOVE AND SALVAGE (E) 10'–0" LONG COAT RACK W/STORAGE SHELF FOR REINSTALLATION IN (N) LOCATION. REMOVE (E) STORAGE CUPBOARD ABOVE.

75 FOR EXCAVATION FOR (N) FOUNDATION UNDERPINNING, FLOOR SLAB, ETC. IN THIS AREA, S.S.D.

76 REMOVE (E) SINK & CAP PLUMBING – S.M.D.

77 REMOVE (E) CARPET AND BASE, (E) VCT FLOOR FINISH TO REMAIN

78 REMOVE (E) PORTION OF FIRST FLOOR CORRIDOR SHEAR WALL – S.S.D.

79 REMOVE & SALVAGE (E) 4'–0" X 8'–0" WHITE MARKERBD. & SALVAGE FOR REUSE BY SCHOOL. COORDINATE WITH DISTRICT.

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DEMOLITON PLANS

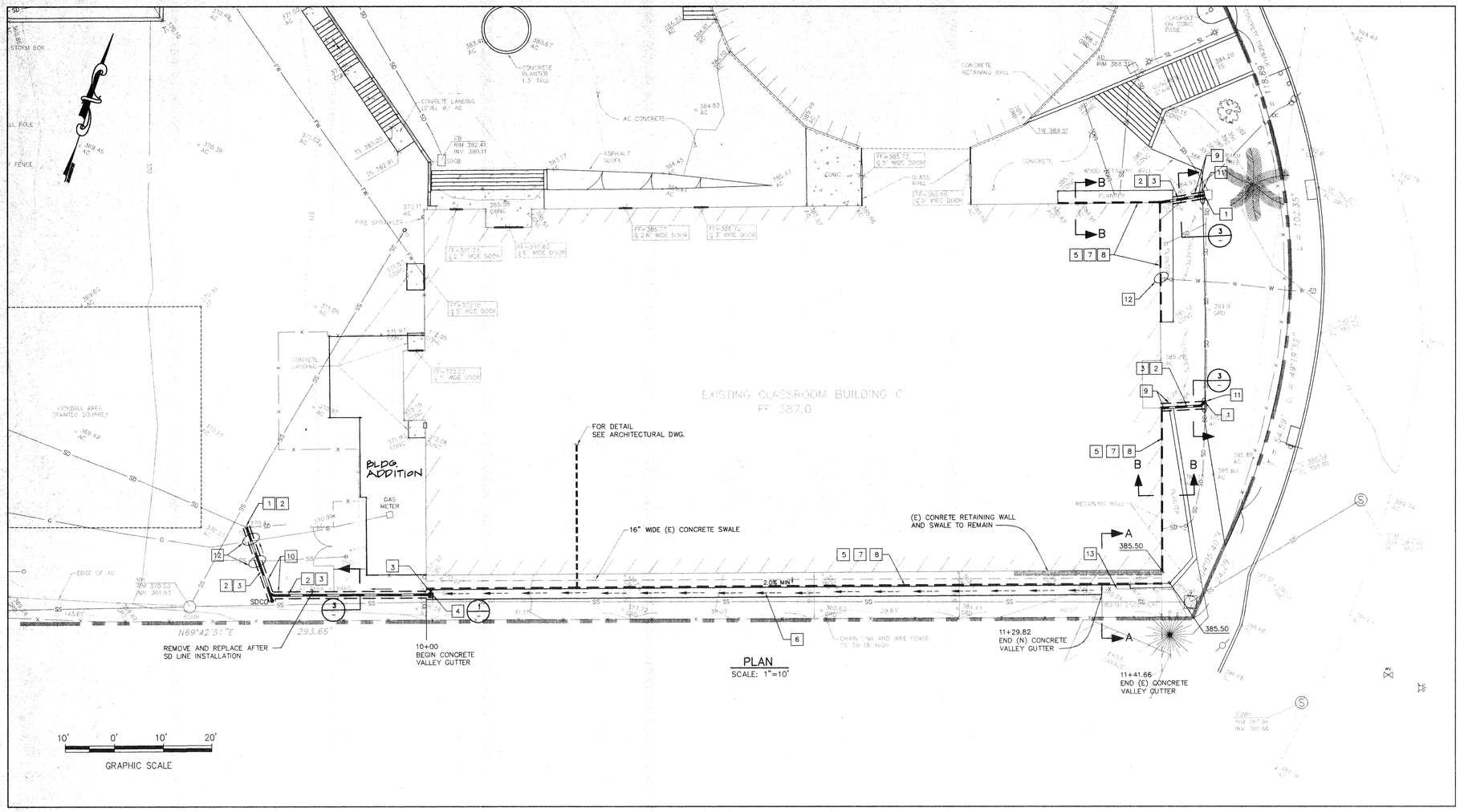
DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: JC SCALE: 1/8"
CHECKED BY: CG

DA2.2

JOB NO: 9714 | 6 OF 60 SHEETS

PLOT DATE:
JOB NUMBER : F:\ DA0202.DWG
F:\9714ofx\DA0202.dwg Wed Feb 18 08:29:06 1998



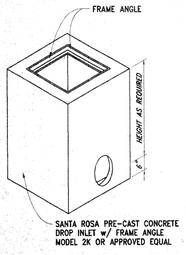
PLAN
SCALE: 1"=10'

NOTES:

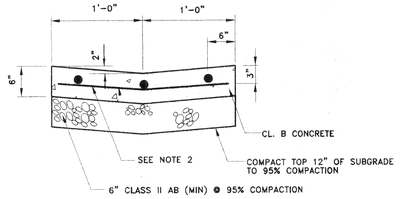
1. CONNECT TO (E) SD.
2. CONTRACTOR TO VERIFY IN FIELD EXACT INVERT ELEVATION. NOTIFY ENGINEER IF CANNOT CONSTRUCT AS SHOWN.
3. 6"PVC-SD @ MINIMUM SLOPE OF 2%
4. CONSTRUCT (N) CB (1/-)
5. FURNISH AND INSTALL UNDERDRAIN SYSTEM (SEE SECTION A-A AND B-B)
6. 2' WIDE CONCRETE VALLEY GUTTER (2/-)
7. BACKFILL WITH NATIVE SOIL MATERIAL
8. REPLACE LANDSCAPING IN KIND OR PER BUSD'S INSTRUCTION
9. SAWCUT AND REMOVE (E) CONCRETE. REPLACE CONCRETE PAVEMENT WITH STRUCTURAL SECTION IN KIND AFTER UTILITY PIPE INSTALLATION
10. SAWCUT AND REMOVE (E) ASPHALT CONCRETE. REPLACE ASPHALT CONCRETE PAVEMENT WITH SECTION IN KIND AFTER UTILITY PIPE INSTALLATION.
11. REPLACE SECTION OF WOOD RETAINING WALL IF DAMAGE BY CONSTRUCTION.
12. ALL KNOWN EXISTING UTILITY LINES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL EXERCISE ALL NECESSARY CAUTION TO AVOID DAMAGE TO ANY EXISTING UTILITY LINES TO REMAIN IN PLACE WHETHER OR NOT SUCH LINES ARE SHOWN ON THESE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND DEPTH AND TO COORDINATE ALL CIVIL WORK W/ UTILITY WORK. NEITHER THE OWNER NOR THE ARCHITECT ASSUMES RESPONSIBILITY THAT EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED WILL BE THOSE ENCOUNTERED.
13. REPLACE AND/OR REPAIR FENCE AS NEEDED.

LEGEND & ABBREVIATION

(384.38)	EXISTING GRADE
385.50	PROPOSED GRADE
	(N) CATCH BASIN
	UNDERDRAIN SYSTEM
	FLOW DIRECTION
	STORM DRAIN LINE
CB	CATCH BASIN
FF	FINISH FLOOR
HP	HIGH POINT
SD	STORM DRAIN
TP	TOP OF PAVEMENT



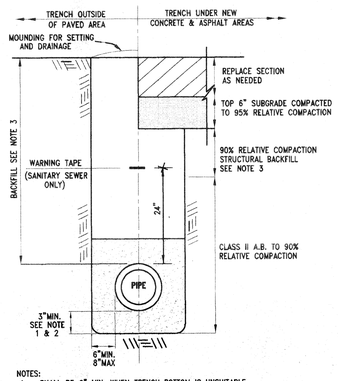
CATCH BASIN (1/-)
NTS



NOTES:

1. OMIT GUTTER AROUND RETURN. SLOPE ALL PART OF APRON FRO CURB TO NEAREST FLOW LINE.
2. REINFORCEMENT SHALL CONSIST OF 6" x 6" #10 / #10 WELDED WIRE FABRIC.
3. CONCRETE VALLEY GUTTER SHALL BE INSTALLED PRIOR TO PAVING.
4. PLACE 1/2" DIAMETER x 18" LONG DOWELS AT EXPANSION JOINTS, AS SHOWN.
5. PLACE 1/4" THICK EXPANSION JOINTS ACROSS FULL WIDTH, 20' ON CENTER.

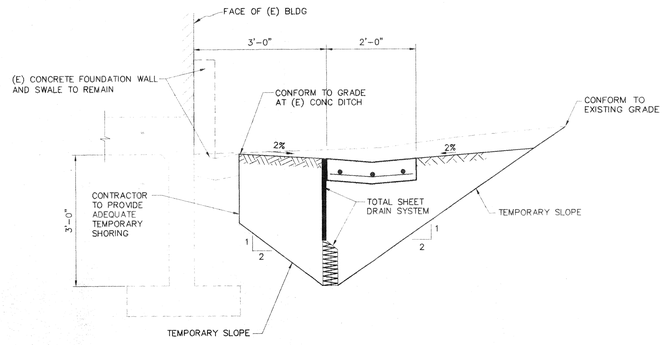
CONCRETE VALLEY GUTTER (2/-)
NTS



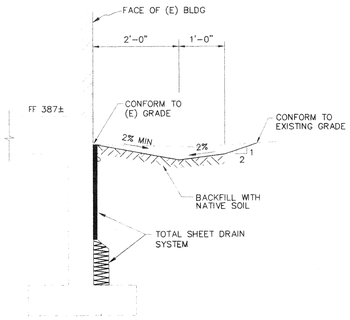
NOTES:

1. SHALL BE 6" MIN. WHEN TRENCH BOTTOM IS UNSUITABLE.
2. ADDITIONAL EXCAVATION REQUIRED AT BELT END TO MAINTAIN 3" DEPTH OF AGGREGATE BELOW PIPE BELL.
3. BACKFILL COMPACTED TO AT LEAST 90% RELATIVE COMPACTION FOR ON SITE AND 95% WHERE IMPORTED SAND BACKFILL IS USED.

TYPICAL TRENCH BACKFILL (3/-)
NTS



SECTION A-A
SCALE: NTS



SECTION B-B
SCALE: NTS

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LICENSED ARCHITECT
LEE KARNEY
C 3158
EXP: 12/31/97
STATE OF CALIFORNIA

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TELAMON ENGINEERING CONSULTANT
445 GRANT AVENUE, SUITE 600
SAN FRANCISCO, CA 94108
TEL: 415-837-1554 FAX: 415-837-1334

REGISTERED PROFESSIONAL ENGINEER
MENNOR CHAN
No. C043842
Exp. 6/30/01
CIVIL
STATE OF CALIFORNIA

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BERKELEY UNIFIED SCHOOL DISTRICT

DRAINAGE IMPROVEMENT PLAN

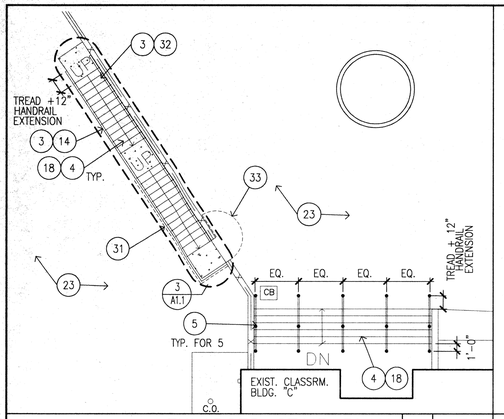
DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: VDC SCALE: 10"
CHECKED BY: MC

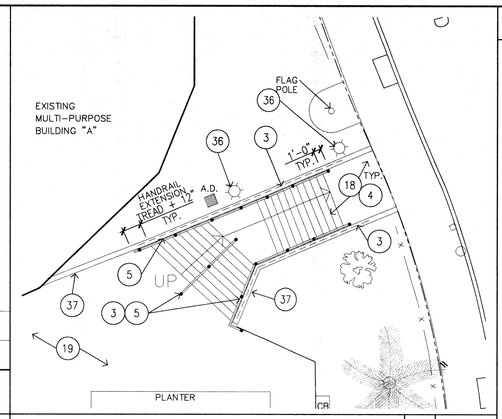
C1.0

JOB NO: 9714 | 2 OF 60 SHEETS

A 85148 WF 2/24/1998



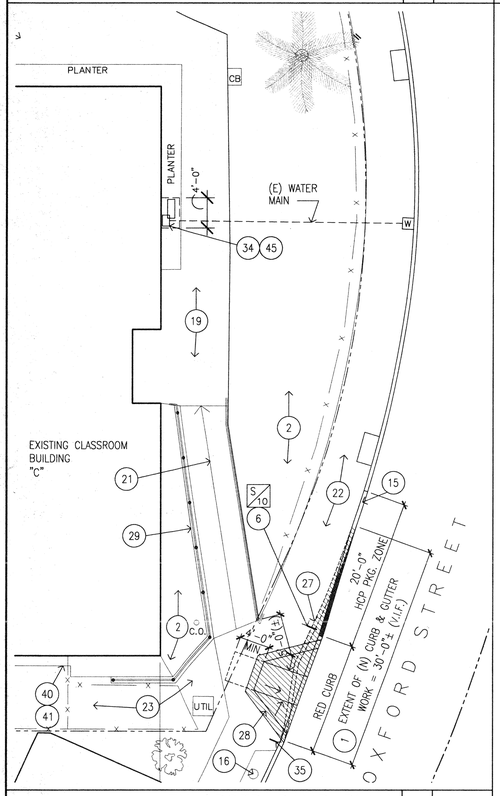
ENLARGED STAIR PLAN | 1/8" | 3



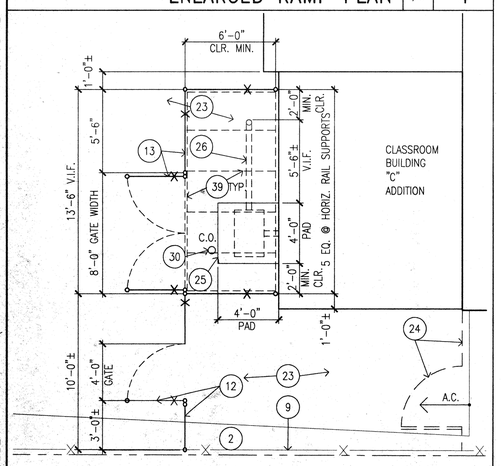
ENLARGED STAIR PLAN | 1/8" | 2

SHEET NOTES

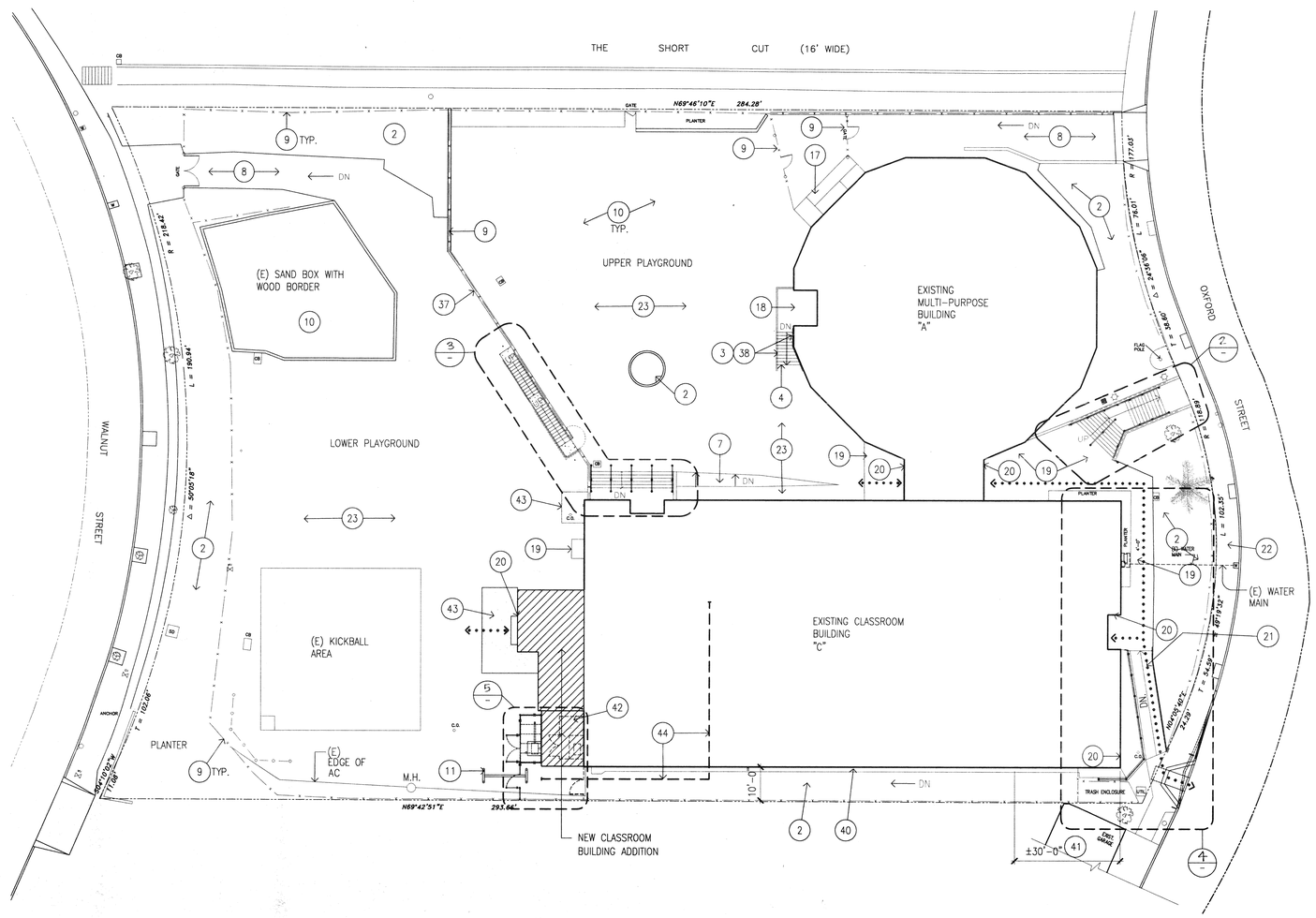
1. SEE CIVIL DRAWING C1.0 FOR SITE DRAINAGE WORK NOT SHOWN ON ARCHITECTURAL PLANS.
2. SEE ELECTRICAL DRAWINGS FOR SITE ELECTRICAL DEMOLITION AND INSTALLATION WORK.
3. SEE MECHANICAL DRAWINGS FOR SITE UTILITY WORK.
4. ALL ITEMS NOTED FOR REMOVAL ARE TO BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER.
5. ALL ITEMS NOTED (E) TO REMAIN ARE TO BE PROTECTED FROM DAMAGE.
6. ALL ITEMS NOT NOTED TO BE REMOVED ARE TO REMAIN, TYPICAL.
7. SOME SHRUBS AND LANDSCAPING MAY BE REMOVED AND REPLACED AS PART OF THE CIVIL WORK. NOT ALL (E) LANDSCAPE IS SHOWN.
8. THE EXISTING UTILITY LINES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL EXERCISE ALL NECESSARY PRE-CAUTION TO AVOID DAMAGE TO ANY EXISTING UTILITY LINES OR FACILITIES TO REMAIN IN PLACE, WHETHER OR NOT SUCH LINES OR FACILITIES ARE SHOWN ON THESE PLANS, AND SHALL BEAR FULL RESPONSIBILITY FOR ANY DAMAGE THERE TO. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATION AND DEPTH OF UTILITIES IN AREAS OF EXCAVATION WITH THE APPROPRIATE AGENCIES. NEITHER THE OWNER NOR THE ARCHITECT ASSUMES RESPONSIBILITIES THAT EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED WILL BE THOSE ENCOUNTERED. SEE CIVIL & PLUMBING DRAWINGS FOR ADDITIONAL UTILITIES INFORMATION.
9. ANY SIDEWALK BLOCKAGE, DETOUR, ETC. ALONG PUBLIC STREETS IS TO BE SUBMITTED AND APPROVED BY THE CITY OF BERKELEY AND B.U.S.D. PRIOR TO IMPLEMENTATION.
10. TEMPORARY CONSTRUCTION AND SECURITY FENCING IS REQUIRED. COORDINATE LIMITS OF FENCING LAYOUT WITH B.U.S.D. AN OBTAIN APPROVAL PRIOR TO INSTALLATION. COORDINATE ALL PROJECT SECURITY AND CONSTRUCTION SAFETY MEASURES WITH THE DISTRICT.
11. COORDINATE LOCATION OF TEMPORARY CONSTRUCTION OFFICE, MATERIAL STORAGE AREAS AND TEMPORARY CONSTRUCTION DUMPSTER WITH THE DISTRICT.
12. COORDINATE ALL MATERIAL DELIVERIES AND WORK WITH THE OXFORD SCHOOL REPRESENTATIVE FOR MINIMUM DISRUPTION OF SCHOOL ACTIVITIES WHILE SCHOOL IS IN SESSION.
13. NOTIFY AND COORDINATE IN ADVANCE WITH OXFORD SCHOOL REPRESENTATIVE FOR DISRUPTION IN UTILITY SERVICE.
14. FOR EXTERIOR PAINTING AND BUILDING REPAIR WORK TAKE ALL PRECAUTIONS TO PROTECT ADJACENT PROPERTY.
15. IF THE EXISTING AC OR CONCRETE PAVING AROUND THE BUILDING IS DAMAGED OR REQUIRED TO BE CUT FOR EXCAVATION, TRENCHING OR UTILITY WORK, PATCH PAVING LEVEL TO MATCH EXISTING SURFACE; MATCH ADJACENT MATERIAL.
16. CONTRACTOR IS TO TAKE ALL PRECAUTIONS TO PROTECT EXISTING PLAYGROUND ASPHALT PAVING. ANY DAMAGE TO THE PLAYGROUND PAVING, INCLUDING GAME STRIPING, DUE TO EQUIPMENT, TRUCKS ETC. SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
17. UPON REMOVAL OF TEMPORARY CONSTRUCTION FENCE, TRAILERS OR BINS, THE CONTRACTOR SHALL FILL POST HOLES AND RESTORE SURFACE TO A CONDITION SIMILAR TO THE SURROUNDING AREAS.
18. TRUCK ROUTES AND LOADING ZONES FOR THE DELIVERY AND REMOVAL OF CONSTRUCTION MATERIALS TO BE SUBMITTED TO AND APPROVED BY B.U.S.D. AND THE CITY OF BERKELEY. ACCESS SHALL BE FROM WALNUT STREET.
19. ALL WORK SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS SPECIFIED IN THE SOILS INVESTIGATION REPORTS PREPARED BY JOSEPH M. PROVENZANO, PROJECT NO. 3203-6-97A DATED AUGUST 6, 1997
20. PARKING ON SITE SHOULD BE LIMITED TO CONTRACTOR'S FENCED-IN SECURITY AREA.
21. CONTRACTING STRIPING IS TO BE PROVIDED ON ALL STAIRS PER A.D.A. AND TITLE 24 REGULATIONS.



ENLARGED RAMP PLAN | 1/8" | 4



GAS METER ENCLOSURE | 1/4" | 5



SITE PLAN | 1/16" | 1

SYMBOL KEY

BARRIER FREE PATH OF TRAVEL.

REFERENCE NORTH

KEY NOTES

1. EXTEND EXISTING EDGE OF SIDEWALK AND PROVIDE (N) CURB RAMP FOR (E) ACCESSIBLE ON-STREET PARKING SPACE. ((N) AREA SHOWN CROSS-HATCHED) CONTRACTOR TO COORDINATE WITH THE CITY OF BERKELEY AND OBTAIN ALL PERMITS AND APPROVALS REQUIRED FOR THE WORK. PATCH SIDEWALK FOR SMOOTH FINISH TO MATCH (E) ADJACENT SIDEWALK SURFACE. PATCH A.C. PAVING AT STREET AS REQ'D.
2. (E) PLANTER AREA
3. SAWCUT & REMOVE (E) PIPE RAILING AT CONC. STAIRS AND/OR RET. WALL. PATCH CONC. TO PROVIDE SMOOTH SURFACE.
4. NEW CONTRASTING STRIPING AND TEXTURE AT (E) EXTERIOR CONC. STAIR TREADS - EACH TREAD.
5. NEW GALV. METAL PIPE RAILING AT STAIRS. SEE DETAIL 20/A1.1, PAINT RAILING, TYP. U.O.N.
6. NEW HCP PARKING SIGNAGE, SEE SIGN SCHEDULE, SHEET A10.3. FOR FOOTING AND POST, SEE DETAIL 2/A10.3
7. (E) ASPHALT PAVING SLOPE
8. (E) ASPHALT DRIVEWAY/SLOPE. (NOT A BARRIER FREE PATH OF TRAVEL.)
9. (E) CHAIN LINK FENCE AND/OR GATE TO REMAIN
10. (E) PLAY APPARATUS AREA.
11. REMOVE (E) TIRE SWING PLY APARATUS, SAFETY MATTING, AND SUPPORT POLES, FILL HOLES & PATCH A.C. TO MATCH ADJ. A.C. PROVIDE SMOOTH SURFACE.
12. 6'-0" HIGH CHAIN LINK FENCE WITH GATE. ALIGN FENCE WITH ADJ. BLDG. EDGE, SEE DETAIL 17/A1.1
13. 7'-0" HIGH MET. CHAINLINK W/ WOOD SLAT FENCE ENCLOSURE AND PAIR OF GATES. PROVIDE PLAIN CHAINLINK COVER AT TOP. SEE DETAIL 17/A1.1 FOR TYPICAL CHAINLINK FENCE AND GATE.
14. MET. GALV. PIPE HANDRAIL WITH 4'-6" HIGH WIRE MESH GUARDRAIL PAINTED- SEE DETAIL 3/A1.1
15. PAINT BLUE CURB AT HCP DROP OFF AND LOADING ZONE. COORDINATE W/ CITY OF BERKELEY FOR ALL PERMITS AND APPROVALS REQ'D.
16. (E) TELEPHONE POLE.
17. EXISTING CONCRETE SERVICE RAMP. (NOT BARRIER-FREE PATH OF TRAVEL.)
18. EXISTING CONC. STAIRS & LANDING.
19. EXISTING CONCRETE PAVING
20. ACCESSIBLE ENTRANCE SIGN, SEE FLOOR PLAN SHEET A2.1.
21. (E) A.C. WALKWAY @ 4.8% ± SLOPE (1.35 FT RISE OVER 28.3 FT. LENGTH)
22. (E) CONC. SIDEWALK AND CURB & GUTTER.
23. (E) A.C. PAVING
24. REMOVE (E) CHAIN LINK FENCE AND GATE
25. GAS METER CONC. PAD. SEE DETAIL 13/A1.1
26. (E) GAS METER TO BE RELOCATED (N.I.C.) COORDINATE WITH PG+E FOR CONNECTION TO BLDG., S.P.D.
27. SAWCUT AND REMOVE (E) CONC. CURB AND GUTTER; REMOVE (E) A.C. FOR (N) CURB AND SIDEWALK WORK AS REQ'D.
28. HCP CURB RAMP. SEE DET. 16/A1.1. MAINTAIN 4'-0" WIDE X 4'-0" DEEP LEVEL LANDING AREA AT SIDEWALK AREA.
29. (E) PIPE RAIL AND CONC. CURB
30. RELOCATE (E) CLEAN - OUT AS REQ'D FOR INSTAL-LATION OF (N) GAS METER ENCLOSURE & CONC. PAD S.P.D.
31. REMOVE (E) 6'-0" HIGH CHAIN LINK FENCING AT STAIR RAILING AND LANDING.
32. WALL-MTD. MET. PIPE HANDRAIL, SEE DETAIL 12/A9.3
33. REMOVE (E) CHAINLINK GATE AND REPLACE WITH NEW GATE AND FENCE INFILL, SEE DETAIL 3/A1.1
34. WATER PRESSURE REDUCING VALVE, S.P.D.
35. REMOVE (E) HCP PARKING SIGN & POST. PATCH SIDEWALK AS REQ'D FOR SMOOTH FINISH.
36. REMOVE AND/OR REPLACE EXTERIOR LIGHTS - S.E.D. FOR EXTENT OF WORK
37. (E) CONC. RETAINING WALL.
38. PROVIDE (E) HANDRAIL/GUARDRAIL, PAINTED, AT (E) CONCRETE STAIRWAY, SEE SHEET A2.1
39. PROVIDE HORIZONTAL RAIL SUPPORT FOR C.L. ENCLOSURE COVER @ 3'-0" O.C. MAX.
40. (E) CONCRETE SWALE
41. CLEAR (E) CONC. SWALE OF ALL LOOSE DEBRIS AND GRADE (E) AREA FOR DRAINAGE AWAY FROM BLDG.
42. REMOVE (E) GAS METER PAD AND FENCE ENCLOSURE. SEE DEMOLITION PLAN, SHEET DA2.2
43. AC PATCH. SEE FLOOR PLAN SHEET A2.1
44. UNDERDRAIN SYSTEM- SEE FLOOR PLAN.
45. PROVIDE PROTECTIVE MET. CAGE AT VALVE W/HINGED ACCESS PANEL AT FRONT. ATTACH TO (E) EXT. WALL, SEE DET. ____

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94707

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BERKELEY UNIFIED SCHOOL DISTRICT

SITE PLAN

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: JC SCALE: AS NOTED
CHECKED BY: CG

A1.0

JOB NO: 9714 | 2 OF 60 SHEETS

PLOT DATE: 2/20/98
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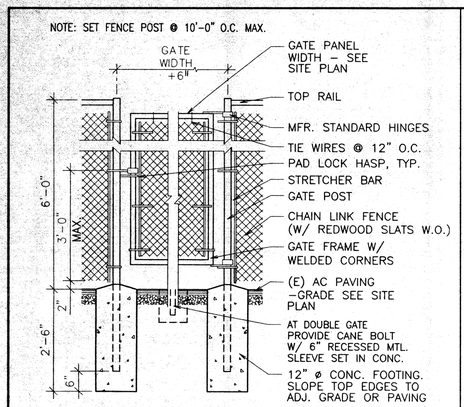
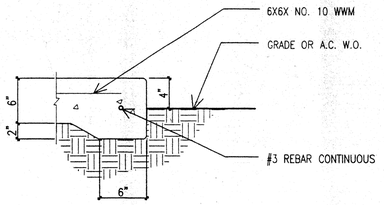
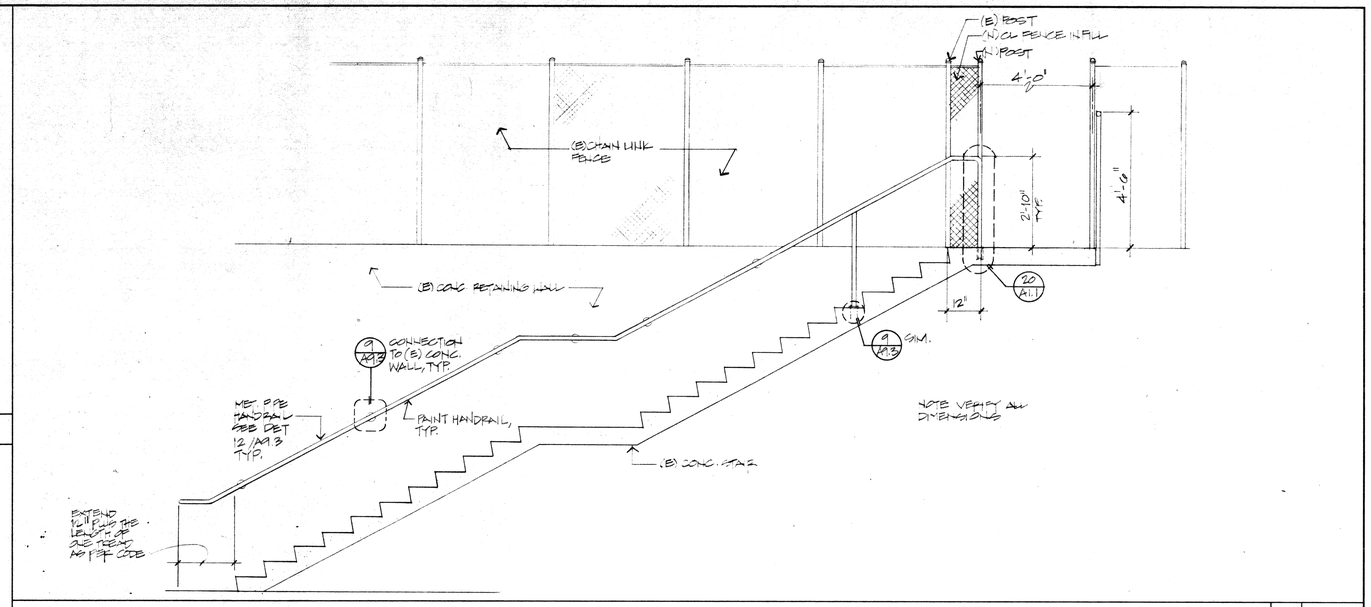


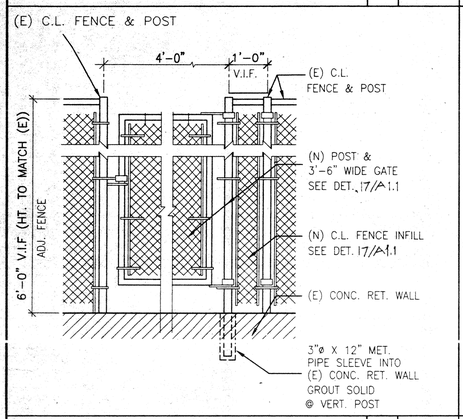
CHAIN LINK FENCE&GATE | 3/4" | 17



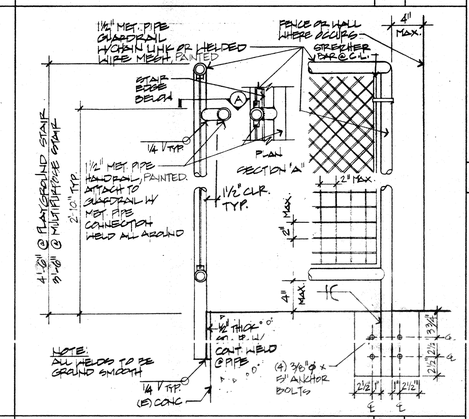
GAS METER PAD | 1 1/2" | 13



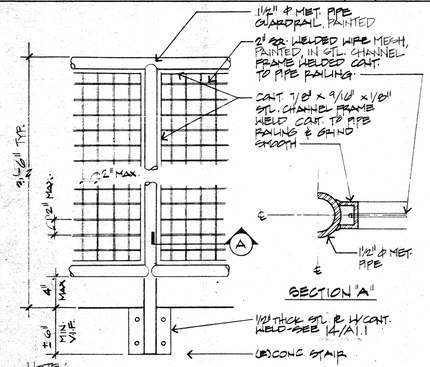
PLAYGROUND STAIR SECTION | 1/2" | 1



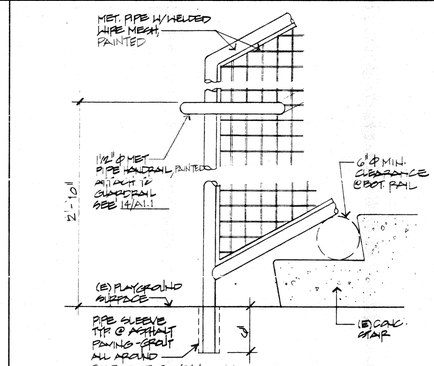
PLAYGROUND STAIR GATE | 3/4" | 18



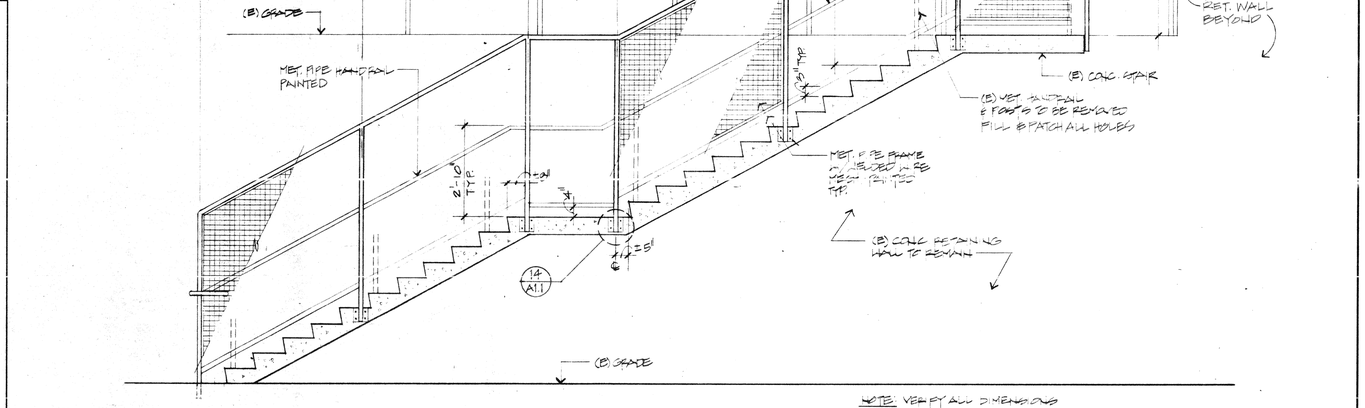
GUARDRAIL/HANDRAIL DETAIL | 1 1/2" | 14



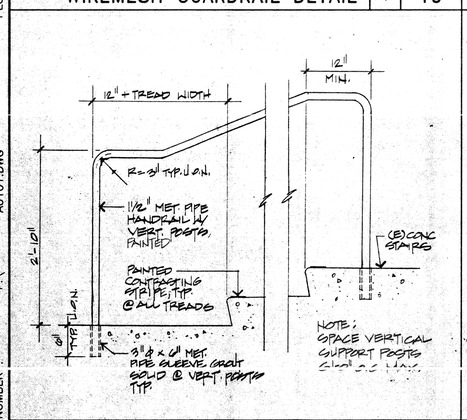
WIREMESH GUARDRAIL DETAIL | 1 1/2" | 19



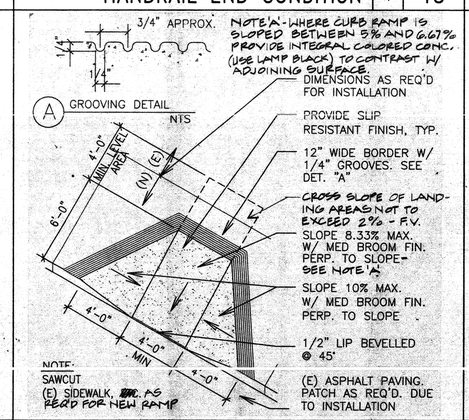
HANDRAIL END CONDITION | 1 1/2" | 15



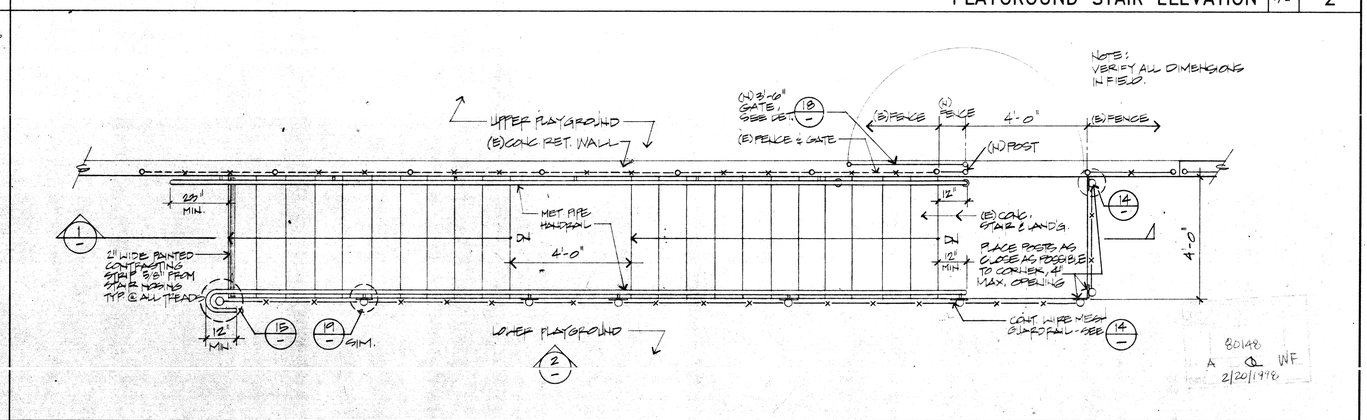
PLAYGROUND STAIR ELEVATION | 1/2" | 2



TYPICAL HANDRAIL DETAIL | 1" | 20



HCP. CURB RAMPS | 1/4" | 16



PLAYGROUND STAIR PLAN | 1/2" | 3

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SITE DETAILS

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2/23/98	BID SET	

DRAWN BY: CHECKED BY:

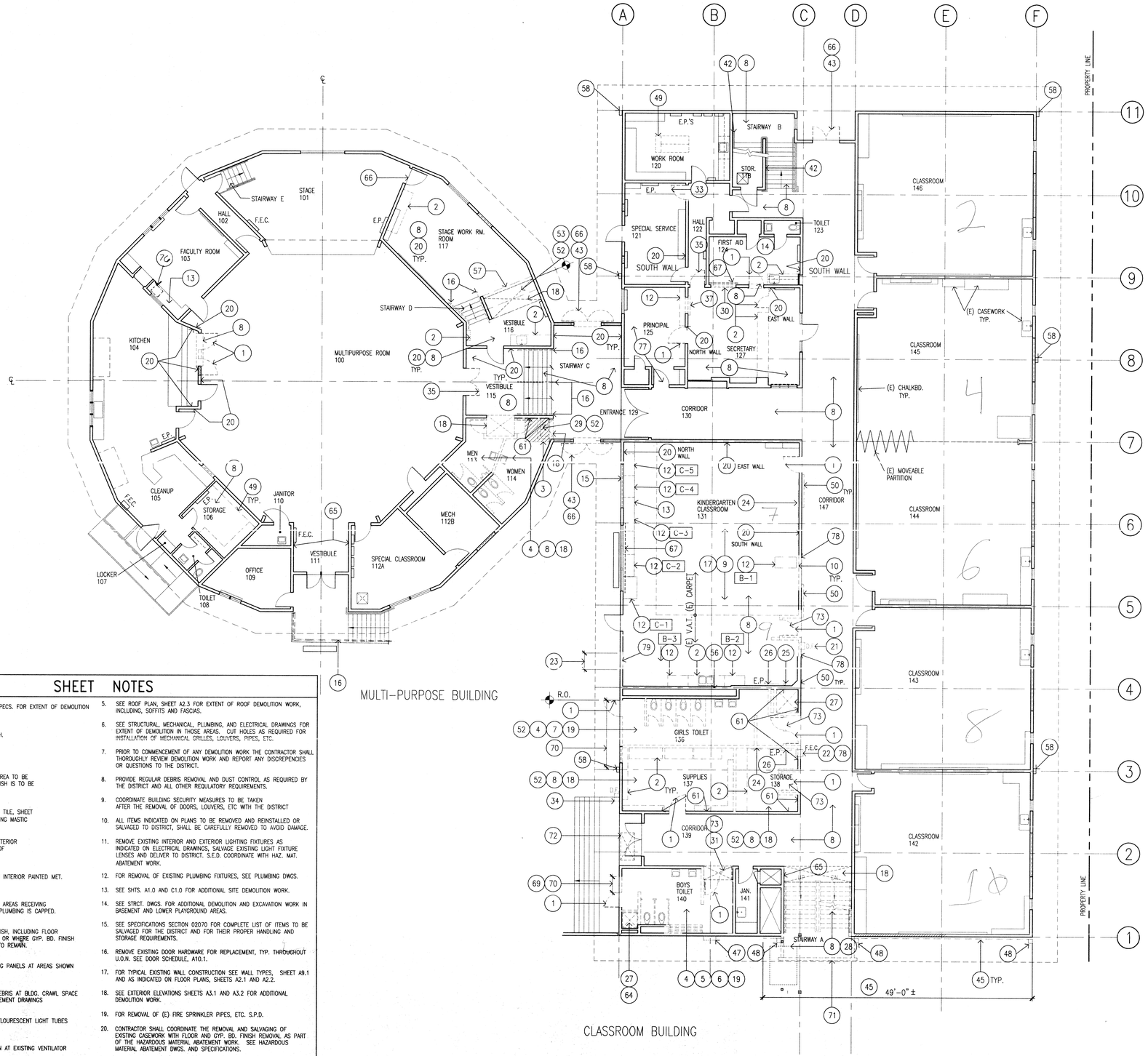
A1.1

JOB NO: 9714 | 4 OF 40 SHEETS

PLOT DATE:

F:\ A0101.DWG

JOB NUMBER: F:\9714ex1\s\A0101.dwg Fri Nov 21 10:03:13 1997



SHEET NOTES

1. SEE HAZARDOUS ABATEMENT DWGS. & SPECS. FOR EXTENT OF DEMOLITION AND REMOVAL OF THE FOLLOWING:

   1A.
   DEMOLITION OF (E) GYP. BD. CLG. FINISH.

   1B.
   REMOVAL OF (E) VINYL WALL COVERING.

   1C.
   REMOVAL OF EXT. PAINT AT EXT. WALL AREA TO BE REMOVED OR WHERE CEMENT PLAST. FINISH IS TO BE REMOVED.

   1D.
   REMOVAL OF (E) VINYL ASBESTOS FLOOR TILE, SHEET FLOORING, BASE BOARDS AND UNDERLAYING MASTIC

   1E.
   REMOVAL OF PERIMETER CAULKING AT EXTERIOR LOUVERS AT NORTH AND SOUTH WALLS OF CLASSROOM BUILDING.

   1F.
   REMOVAL OF LEAD AND/OR PIPE RAIL AT INTERIOR PAINTED MET. HANDRAILS

   1G.
   REMOVAL OF PIPE FITTING INSULATION AT AREAS RECEIVING PLUMBING RECONFIGURATION OR WHERE PLUMBING IS CAPPED.

   1H.
   REMOVAL OF EXISTING GYP. BD WALL FINISH, INCLUDING FLOOR BASESBOARD, AT WALLS TO BE REMOVED OR WHERE GYP. BD. FINISH IS TO BE REMOVED AT EXISTING STUDS TO REMAIN.

   1J.
   REMOVAL OF EXISTING ACOUSTICAL CEILING PANELS AT AREAS SHOWN ON DRAWINGS.

   1K.
   REMOVAL OF ASBESTOS – CONTAINING DEBRIS AT BLDG. CRAWL SPACE AREAS AS INDICATED ON HAZ. MAT. ABATEMENT DRAWINGS

   1L.
   REMOVAL OF PCB LIGHT BALLASTS AND FLOURESCENT LIGHT TUBES W.O. – S.E.D.

   1M.
   REMOVAL OF HOT WATER PIPE INSULATION AT EXISTING VENTILATOR UNITS TO BE REMOVED – S.M.D.

2. CONTRACTOR SHALL COORDINATE THE REMOVAL AND/OR REPLACEMENT OF (E) ACOUSTICAL CEILING PANELS AS NECESSARY FOR ACCESS FOR DEMOLITION AND NEW ELECTRICAL, MECHANICAL AND GENERAL ARCHITECTURAL WORK WITH PROCEEDURES DESCRIBED BY HAZ. MAT. DWGS AND SPECIFICATIONS.

3. COORDINATE EXTENT OF HAZARDOUS MATERIAL DEMOLITION AND ABATEMENT WITH ALL OTHER AREAS OF DEMOLITION. DISPOSE ANY CONTAINED HAZARDOUS MATERIAL NOTIFY DISTRICT.

4. DEMOLITION WORK INCLUDES, BUT IS NOT LIMITED TO, ALL REQUIRED INTERIOR DEMOLITION REQUIRED TO PREPARE PORTIONS OF BUILDING INTERIOR FOR NEW RENOVATION WORK AS INDICATED ON PROJECT PLANS AND SPECIFICATIONS.

5. SEE ROOF PLAN, SHEET A2.3 FOR EXTENT OF ROOF DEMOLITION WORK, INCLUDING, SOFFITS AND FASCIAS.

6. SEE STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR EXTENT OF DEMOLITION IN THOSE AREAS. CUT HOLES AS REQUIRED FOR INSTALLATION OF MECHANICAL DRILLES, LOUVERS, PIPES, ETC.

7. PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK THE CONTRACTOR SHALL THOROUGHLY REVIEW DEMOLITION WORK AND REPORT ANY DISCREPENCIES OR QUESTIONS TO THE DISTRICT.

8. PROVIDE REGULAR DEBRIS REMOVAL AND DUST CONTROL AS REQUIRED BY THE DISTRICT AND ALL OTHER REQULATORY REQUIREMENTS.

9. COORDINATE BUILDING SECURITY MEASURES TO BE TAKEN AFTER THE REMOVAL OF DOORS, LOUVERS, ETC WITH THE DISTRICT

10. ALL ITEMS INDICATED ON PLANS TO BE REMOVED AND REINSTALLED OR SALVAGED TO DISTRICT, SHALL BE CAREFULLY REMOVED TO AVOID DAMAGE.

11. REMOVE EXISTING INTERIOR AND EXTERIOR LIGHTING FIXTURES AS INDICATED ON ELECTRICAL DRAWINGS, SALVAGE EXISTING LIGHT FIXTURE LENSES AND DELIVER TO DISTRICT. S.E.D. COORDINATE WITH HAZ. MAT. ABATEMENT WORK.

12. FOR REMOVAL OF EXISTING PLUMBING FIXTURES, SEE PLUMBING DWGS.

13. SEE SHTS. A1.0 AND C1.0 FOR ADDITIONAL SITE DEMOLITION WORK.

14. SEE STRCT. DWGS. FOR ADDITIONAL DEMOLITION AND EXCAVATION WORK IN BASEMENT AND LOWER PLAYGROUND AREAS.

15. SEE SPECIFICATIONS SECTION 02070 FOR COMPLETE LIST OF ITEMS TO BE SALVAGED FOR THE DISTRICT AND FOR THEIR PROPER HANDLING AND STORAGE REQUIREMENTS.

16. REMOVE EXISTING DOOR HARDWARE FOR REPLACEMENT, TYP. THROUGHOUT U.O.N. SEE DOOR SCHEDULE, A10.1.

17. FOR TYPICAL EXISTING WALL CONSTRUCTION SEE WALL TYPES, SHEET A9.1 AND AS INDICATED ON FLOOR PLANS, SHEETS A2.1 AND A2.2.

18. SEE EXTERIOR ELEVATIONS SHEETS A3.1 AND A3.2 FOR ADDITIONAL DEMOLITION WORK.

19. FOR REMOVAL OF (E) FIRE SPRINKLER PIPES, ETC. S.P.D.

20. CONTRACTOR SHALL COORDINATE THE REMOVAL AND SALVAGING OF EXISTING CASEWORK WITH FLOOR AND GYP. BD. FINISH REMOVAL AS PART OF THE HAZARDOUS MATERIAL ABATEMENT WORK. SEE HAZARDOUS MATERIAL ABATEMENT DWGS. AND SPECIFICATIONS.

21. WHERE CONCRETE CURBS, PIPING ETC. ARE REMOVED AT CONCRETE CURBS OR SLABS, BREAK OBSTRUCTION BELOW FIN. FLOOR.

KEY NOTES

1. REMOVE (E) DOOR, FRAME, AND HARDWARE AS INDICATED ON PLANS. (SHOWN DASHED)
2. REMOVE (E) CASEWORK, INCL. SINK. W.O.
3. REMOVE (E) FLOOR AND SUPPORT FRAMING FOR NEW WHEELCHAIR LIFT PIT, S.S.D.
4. REMOVE (E) TOILET ROOM PLUMBING FIXTURES, PARTITIONS AND ACCESSORIES THROUGHOUT, S.P.D.
5. REMOVE (E) CERAMIC TILE WAINSCOT THROUGHOUT
6. REMOVE (E) CERAMIC TILE FLOOR ON MORTAR AND FLOOR UNDERLAYMENT TO PLYWOOD SUBFLOOR THROUGHOUT (UNDERLAYMENT INCLUDES 1/4" PLYWOOD, WATER-PROOF MEMBRANE AND AT 2ND FLOOR: RIGID INSULATION)
7. REMOVE (E) TERRAZZITE FLOORING AND FLOOR UNDERLAYMENT TO PLYWOOD SHEATHING THROUGHOUT (UNDERLAYMENT INCLUDES 1/4" PLYWOOD, WATER-PROOF MEMBRANE, AND AT 2ND FLOOR: RIGID INSULATION)
8. (E) VINYL ASBESTOS TILE FLOOR AND MASTIC TO BE REMOVED AS PART OF HAZARDOUS MATLS. ABATEMENT WORK.
9. REMOVE (E) CARPETING
10. REMOVE (E) WOOD STUD WALL AS INDICATED ON PLANS, SHOWN DASHED. (– – – – –) SEE HAZ. MAT. ABATEMENT DWGS FOR REMOVAL OF (E) GYP. BD. FIN.
11. REMOVE & SALVAGE (E) VENTILATOR UNIT FOR REINSTALLATION IN (N) LOCATION, S.M.D.
12. REMOVE & SALVAGE (E) CASEWORK FOR REINSTALLATION IN (N) LOCATION; COORDINATE WITH HAZ. MAT. WORK.
13. REMOVE (E) COUNTERTOP
14. REMOVE & SALVAGE (E) SINK FOR REINSTALLATION IN (N) CASEWORK, S.P.D.
15. REMOVE (E) LOUVER FOR REPLACEMENT; COORDINATE WITH HAZ. MAT. WORK
16. REMOVE (E) HANDRAILS; SEE HAZ. MAT. DWGS FOR MET. PIPE HANDRAIL REMOVAL
17. (E) SUSPENDED ACOUSTICAL CEILING PANELS TO BE REMOVED AS PART OF HAZ. MAT. WORK
18. (E) GYP. BD. CEILING TO BE REMOVED AS PART OF HAZ. MAT. WORK
19. REMOVAL OF (E) PLASTER VENEER ON GYP. LATH TO STUDS THAT REMAIN AT CLG. AND WALLS THROUGHOUT TOILET ROOM. TO BE PART OF HAZ. MAT. WORK.
20. (E) VINYL WALL COVERING TO BE REMOVED AS PART AS OF HAZ. MAT. WORK
21. REMOVE (E) DRINKING FOUNTAIN, S.P.D.
22. REMOVE (E) FIRE EXTINGUISHER AND CABINET
23. REMOVE WALL @ (E) CONC. CURB CUT FOR INSTALLATION OF (N) DOOR
24. REMOVE (E) CHALKBOARDS AND/OR TACKBOARDS.
25. REMOVE (E) R.W.L. FOR RELOCATION, S.P.D.
26. REMOVE (E) ELEC. PANEL FOR RELOCATION OR REPLACEMENT, S.E.D.
27. REMOVE (E) SERVICE SHAFT ENCLOSURE FRAMING ETC.
28. DEMOLISH (E) STAIRS, STAIR LANDING AND FRAMING, FINISHES, RAILING, ETC. S.S.D. FOR EXTENT OF DEMOLITION WORK. SEE HAZ. MAT. FOR REMOVAL OF OF FLOOR AND BASE FINISH
29. REMOVE & SALVAGE (E) PAYPHONE FOR REINSTALLATION IN NEW LOCATION, S.E.D.
30. REMOVE (E) INTERIOR WINDOW FOR INSTALLATION OF OF NEW DOOR FRAMING
31. REMOVE (E) 1/4" PLYWOOD (AND RIGID INSULATION @ 2ND FLOOR ONLY) TO SUBFLOOR IN AREAS TO RECEIVE (N) SEAMLESS EPOXY FLOORING
32. FOR DEMOLITION OF (E) STRUCTURAL POSTS, GRADE BEAMS, ETC. AT THIS AREA, SEE STRUCTURAL DRAWING.
33. REMOVE (E) DOOR, DOOR FRAME & WALL AREA FOR INSTALLATION OF ENLARGED 3'-0" WIDE DOOR OPENING
34. REMOVE (E) DRINKING FOUNTAIN. CAP PLUMBING, S.P.D.
35. REMOVE (E) DOOR & HARDWARE; (E) FRAME TO REMAIN.
36. REMOVE (E) VENTILATOR UNIT AND LOUVERS, S.M.D.; COORDINATE WITH HAZ. MAT. WORK
37. REMOVE (E) HEATING UNIT, S.M.D.
38. REMOVE (E) GAS METER FOR RELOCATION (N.I.C.). COORDINATE WITH P.G.&E. AND OBTAIN ALL APPROVALS REQUIRED FOR RELOCATION. S.P.D.
39. REMOVE (E) CONC. PAD FOR GAS METER
40. REMOVE (E) C.L. FENCING AND GATE.
41. REMOVE (E) LOUVERS AND/OR C.L. GUARDS. COORDINATE LOUVER REMOVAL WITH HAZ. MAT. WORK
42. REMOVE (E) WALL MOUNTED WOOD HANDRAIL
43. REMOVE (E) DOOR & HINGES AT EXISTING STEEL FRAME TO REMAIN.
44. REMOVE (E) POST – S.S.D.
45. REMOVE (E) CEM. PLASTER WALL FINISH TO STRUCTURAL PLYWD. SHEATHING AT BLDG. AREA TO RECEIVE (N) BLDG. ADDITION. S.S.D.

* DEMO KEY NOTES CONTINUED ON SHEET DA2.2

FIRST FLOOR DEMOLITION PLAN: MULTI-PURPOSE AND CLASSROOM BUILDINGS | 1/8" | 1

8 C146 + WF 2/20/1998

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1130 Oxford Street • Berkeley, CA 94707
BERKELEY UNIFIED SCHOOL DISTRICT

DEMOLITION PLANS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: SCALE: 1/8"
CHECKED BY: CG

DA2.1
JOB NO: 9714 | 5 OF 40 SHEETS

PLOT DATE: F:\DA0201.DWG Tue Feb 17 16:48:32 1998
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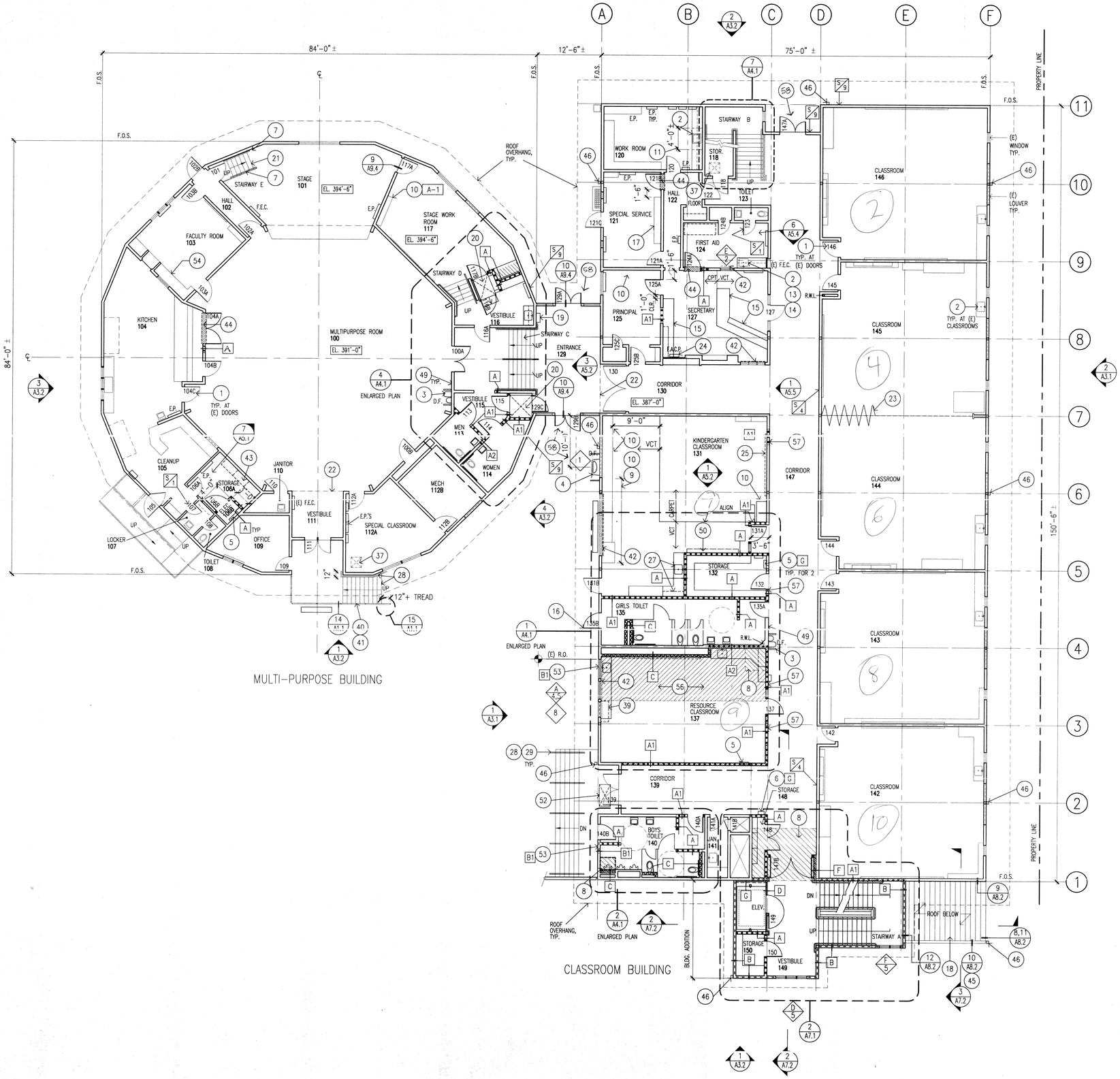

SHEET NOTES

1. UNLESS OTHERWISE NOTED ALL DRAWING NOTES REFER TO INSTALLATION OF NEW ITEMS.
2. FIELD VERIFY ALL DIMENSIONS PRIOR TO PERFORMING WORK. DIMENSIONS ARE TO FACE OF STUD OR WORK POINT AS INDICATED ON PLANS, UNLESS OTHERWISE NOTED. VERIFY AND COORDINATE AREAS WHERE FINISH FACE OF NEW WALLS ARE REQUIRED TO ALIGN WITH EXISTING WALL SURFACES.
3. SEE ENLARGED FLOOR PLANS FOR SELECTED AREAS AS INDICATED.
4. SEE WALL TYPE LEGEND AND DETAILS SHEET A9.1 FOR WALL TYPES INCLUDING EXISTING WALLS TO REMAIN.
5. SEE ROOM FINISH SCHEDULE SHEET A10.2 FOR ALL INTERIOR WALL, FLOOR, CEILING AND SURFACE FINISHES.
6. PROVIDE SOLID BACKING AS REQUIRED IN WALLS FOR ALL WALL MOUNTED ACCESSORIES AS INDICATED.
7. SEE ELECTRICAL DRAWINGS FOR LOCATIONS OF ELECTRICAL PANELS, LIGHT FIXTURES, FIRE ALARMS, POWER AND DATA OUTLETS, ETC.
8. SEE MECHANICAL DRAWING FOR LOCATIONS OF DUCTS, GRILLS, VENTS, PIPING AND MECHANICAL EQUIPMENT.
9. SEE HAZARDOUS ABATEMENT DRAWINGS AND SPECIFICATIONS FOR ABATEMENTS OF HAZARDOUS MATERIALS.
10. AFTER DEMOLITION WORK PATCH ALL EXISTING WALLS AND CEILINGS TO BE EXPOSED. PATCH SMOOTH TO MATCH ADJACENT WALL/ CEILING SURFACE, INCLUDING ALL HOLES FOR PREVIOUS ATTACHMENTS, EQUIPMENT, ANCHORS OR WHERE WALLS HAVE BEEN REMOVED. AFTER EXISTING DOOR, WINDOW OR LOUVER DEMOLITION, REPAIR/ PATCH EXISTING OPENINGS AS REQUIRED TO MATCH ADJACENT SURFACES.
11. FOR MOUNTING HEIGHTS OF ALL TOILET ROOM ACCESSORIES AND HANDICAPPED ACCESSIBILITY REQUIREMENTS SEE DETAIL 5/A5.1.
12. FOR SIGNS AS INDICATED ON PLANS OR DOOR SCHEDULE SEE SIGN SCHEDULE SHEET A10.3.
13. NEW FLOOR DRAINS IN TOILET ROOMS ARE AS INDICATED ON PLUMBING DRAWINGS.
14. INFILL EXISTING OPENINGS AS INDICATED. SURFACE FINISH OF BOTH SIDES OF INFILL AREA TO MATCH AND ALIGN ADJACENT WALL FINISH. SEE WALL TYPES SHEET A9.1 FOR EXISTING WALL TYPES.
15. FIELD VERIFY DIMENSIONS FOR NEW OPENINGS FOR NEW DOORS, WINDOWS, LOUVERS OR CONCRETE WALL PENETRATIONS AS REQUIRED.
16. CONTRASTING STRIPING IS TO BE PROVIDED ON ALL STAIRS PER ADA AND TITLE 24 REGULATIONS.

KEY NOTES

1. REPLACE (E) DOOR HARDWARE AT (E) DOORS THROUGHOUT. SEE DOOR SCHEDULE.
2. REPLACE (E) FAUCET HARDWARE AT ALL EXIST. CLASSROOM AND ADULT SINKS WITH NEW ACCESSIBLE HARDWARE. TYPICAL THROUGHOUT. S.P.D.
3. ACCESSIBLE DRINKING FOUNTAIN AND STAINLESS STEEL PIPE GUARD RAILS. SEE DET. 18/A9.2 & S.P.D.
4. ACCESSIBLE EXTERIOR DRINKING FOUNTAIN AND GALV. STL. PIPE GUARD RAILS. SEE DET.18/A9.2 & S.M.D.
5. ELECTRICAL PANELS OR EQUIPMENT, S.E.D.
6. FIRE EXTINGUISHER CABINET.
7. (E) MET. PIPE HANDRAIL TO REMAIN
8. AREA OF NEW FLOOR INFILL FRAMING. ALIGN FLOOR SUBSTRATE W/ EXIST. FOR SMOOTH FLOOR FINISH.
9. PLASTIC LAM. COUNTERTOP AND BACKSPLASH. INSTALL OVER (E) RELOCATED CASEWORK. SEE INTERIOR ELEVATIONS.
10. RELOCATED (E) SALVAGED CASEWORK. SEE INTERIOR ELEVATIONS. W.O.
11. MODIFY BASE CABINET AT ADULT WORK SINK TO PROVIDE HCP ACCESSIBILITY: REMOVE CAB. FLOOR AND TOE KICK. PATCH (E) VINYL FLOOR TILES AS REQ'D TO MATCH (E). RUN (N) FLOOR BASE INSIDE TO MATCH (E) CABINET BASE.
12. PROVIDE CHAINLINK FENCE SCREEN AT EXTERIOR SIDE OF LOUVER.
13. (E) SINK TO BE REINSTALLED. S.P.D.
14. BASE CABINET AND SINK. SEE INTERIOR ELEVATION.
15. CASEWORK – SEE DET. 6/A9.4
16. LOCATE (N) DOOR AT (E) CONC. FOUNDATION CURB CUT.
17. RELOCATE (E) CASEWORK TO PROVIDE CLEARANCE AT NEW DOORWAY. FOR ANCHORAGE OF CASEWORK, SEE DET. 1/A9.2, SIM. PATCH & PAINT (E) WALL TO MATCH ADJ. WALL, AS REQ'D.
18. STANDING SEAM METAL ROOF AT ONE STORY ADDITION BELOW. SEE ROOF PLAN, A2.3.
19. RELOCATE (E) PAY TELEPHONE. SEE INTERIOR ELEVATION AND S.E.D.
20. ELEVATOR LIFT – SEE ENLARGED PLAN FOR LAYOUT.
21. CONTRASTING STRIPING AT INTERIOR STAIR TREADS (TOP & BOTTOM)

KEY NOTES CONT'D ON SHT. A2.2

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BERKELEY UNIFIED SCHOOL DISTRICT

FIRST FLOOR PLAN

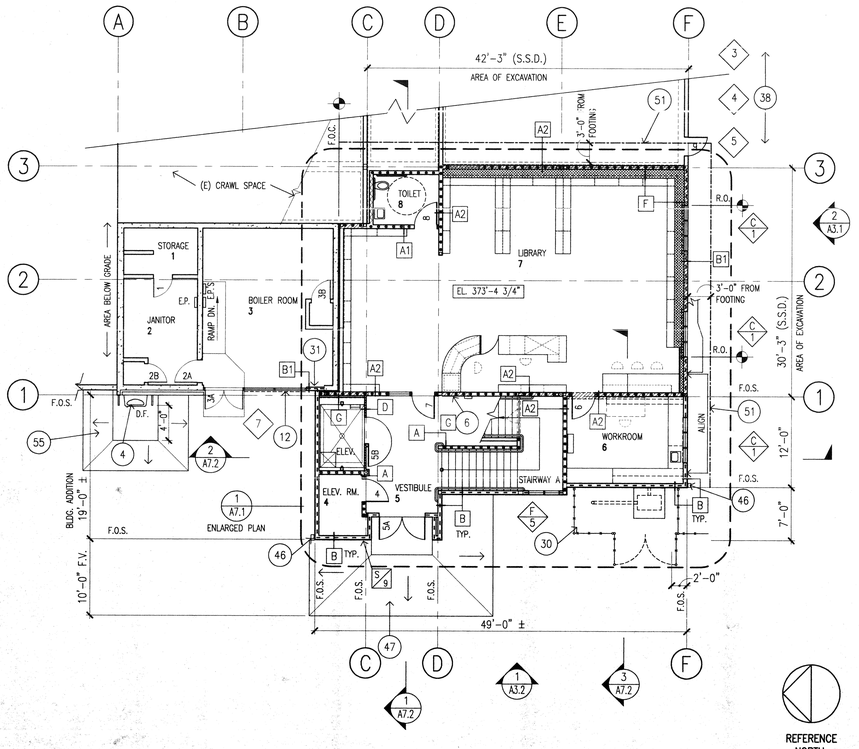
DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: SCALE: 1/8
CHECKED BY: CG

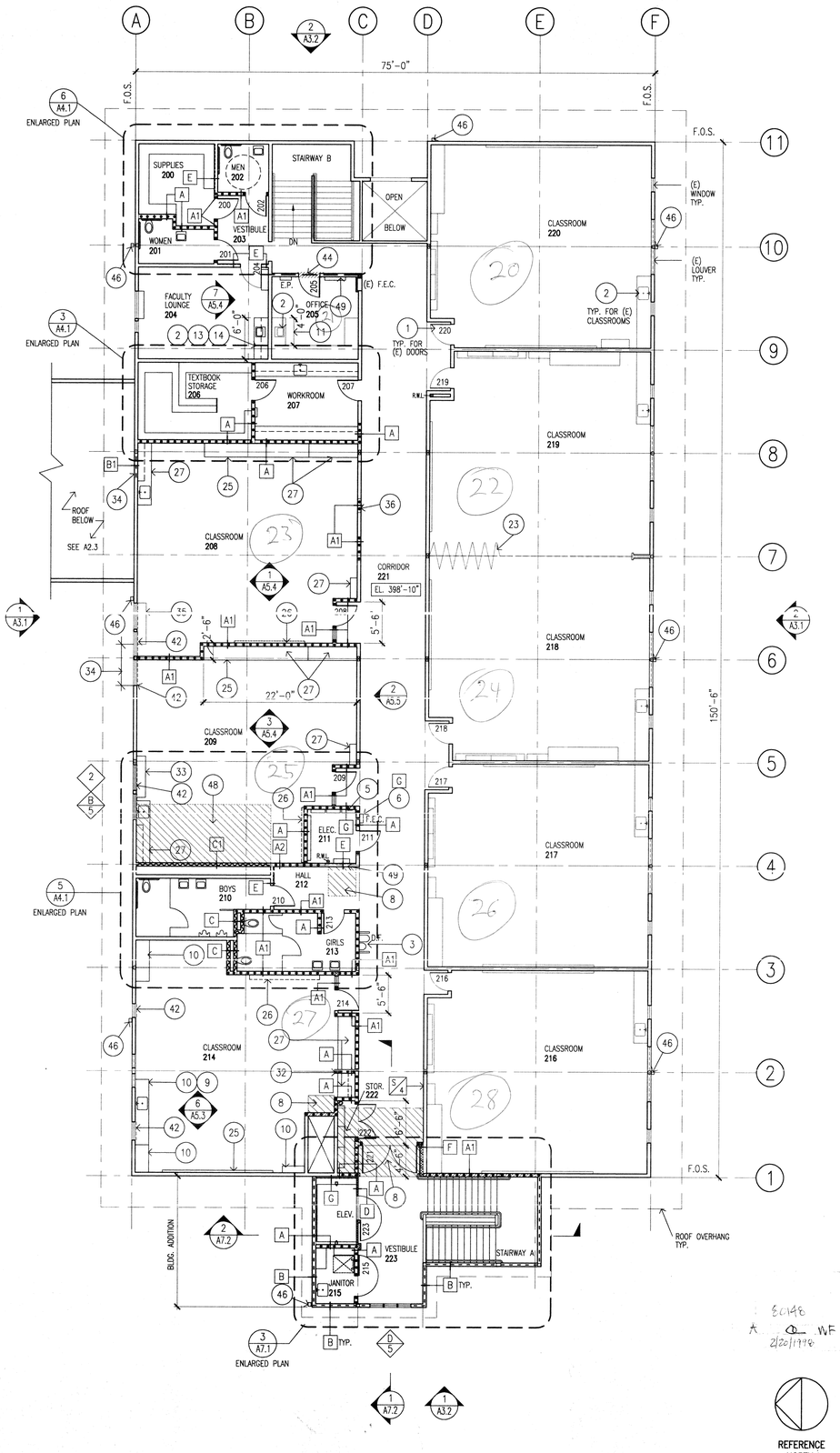
A2.1

JOB NO: 9714 7 OF 60 SHEETS

PLOT DATE:
JOB NUMBER: F:\ A0201.DWG
F:\1971&xr\A\A0201.dwg Tue Feb 17 16:34:58 1998



BASEMENT FLOOR PLAN – CLASSROOM BUILDING | 1/8" | 2



SECOND FLOOR PLAN – CLASSROOM BUILDING | 1/8" | 1

KEY NOTES

FLOOR PLAN KEY NOTES CONTINUED FROM SHEET A2.1

22 LINE OF SOFFIT ABOVE.
23 (E) MOVEABLE PARTITION.
24 FIRE ALARM CONTROL PANEL, S.E.D.
25 MARKERBOARD/FRONT OF CLASSROOM. SEE INTERIOR ELEVATION.
26 COAT RACK, SEE INTERIOR ELEVATIONS.
27 CASEWORK, SEE INTERIOR ELEVATION.
28 WALL-MTD. MET. PIPE HANDRAILS, CONTRASTING STRIPING & TEXTURED TREADS AT (E) STAIRS. SEE DET. 12/A9.3
29 SEE SITE PLAN A1.0 FOR NEW RAILS.
30 GAS METER ENCLOSURE. SEE SITE PLAN A1.0.
31 INFILL WALL FOR INSTALLATION OF NEW LOUVER.
32 (E) 4X8 POST. V.I.F.; FUR OUT STUDS OF WING WALL TO ALIGN W/ FACE OF POST.
33 UNIT VENTILATOR AND LOUVERED OPENING. S.M.D.
34 INFILL WALL AT (E) LOUVER OPENING. PATCH WALL TO MATCH (E) ADJACENT WALL FINISH.
35 (E) UNIT VENTILATOR TO REMAIN. S.M.D.
36 INFILL WALL AT (E) BOOKDROP OPENING. PATCH WALL TO MATCH (E) ADJACENT WALL FINISH.
37 (E) ACCESS PANEL.
38 FOR (N) LOUVERS AT BASEMENT CRAWL SPACE, SEE EXTERIOR ELEVATION.
39 (N) CEILING-MTD. UNIT VENTILATOR UNIT ABOVE, S.M.D.
40 REMOVE (E) GALV. PIPE HANDRAIL. PATCH (E) CONC. LANDING & STAIRS FOR SMOOTH FINISH.
41 INSTALL WIREMESH GUARDRAIL AND HANDRAIL, SEE DET. 14 & 19 / A1.1
42 PROVIDE HORIZONTAL LOUVER BLINDS AT WINDOW.
43 METAL SHELVING
44 PATCH FLOOR & INSTALL VCT TO MATCH (E) ADJACENT FLOOR FINISH & COLOR AT (N) DOOR OPENING.
45 GSM GUTTER, PAINTED TO MATCH METAL ROOFING.
46 DOWNSPOUT – SEE ROOF PLAN SHT. A2.3 FOR (N) ROOF DRAIN WORK AT CLASSROOM BLDG.
47 AC PATCH TO PROVIDE SMOOTH TRANSITION AT 1:20 MAX. SLOPE TO (E) GRADE.
48 PROVIDE 1/4" PLYWOOD O/ 1/2" RIDGID INSULATION O/ (E) PLYWOOD SHEATHING TO MATCH ADJACENT SUBFLOOR LEVEL.
49 (E) 2X6 STUD WALL.
50 RELOCATE (E) 10'-0" LONG SALVAGED COAT RACK W/ STORAGE SHELF. SEE INT. ELEV.
51 UNDERDRAIN SYSTEM TO BOT. OF GRADE BEAM OR FTG. PROVIDE GRAVEL BACKFILL AT PORTION UNDER BLDG. DAYLIGHT DRAIN AT PLAYGROUND. SEE SITE PLAN A1.0.
52 PATCH CEM. PLASTER SOFFIT AFTER COMPLETION OF PLUMBING WORK. PATCH TO MATCH (E) ADJACENT SURFACE.
53 CONC. CURB AND EXTEROIR WALL INFILL TO MATCH (E) SEE EXTEROIR ELEVATION SHEET A3.1
54 INSTALL (N) COUNTER TOP O/ (E) BASE CABINET TO REMAIN. PROVIDE 4" SPLASH ALL AROUND ADJOINING SURFACES. FIELD VERIFY (E) CONDITIONS. REPAINT FACE OF (E) CABINET OT MATCH (E) ADJACENT WALL COLOR.
55 AC PATCH TO PROVIDE LEVEL AREA AT EXTERIOR DRINKING FOUNTAIN. MAINTAIN 4'-0" DEEP LEVEL AREA X WIDTH OF GUARD RAIL SPACING. PROVIDE SMOOTH TRANSITION TO (E) GRADE AT 1:20 MAX. SLOPE.
56 PROVIDE (N) 1/4" PLYWOOD O/ (E) PLYWOOD SHEATHING TO MATCH ADJACENT SUB FLOOR LEVEL.
57 SHEAR WALL INFILL AT (E) FIRST FLOOR CORRIDOR WALL TO MATCH (E) – S.S.D.
58 FIELD VERIFY 1/4"/FT. MAX SLOPE AT ACCESSIBLE (B) BLDG. ENTRANCE LANDING 5'-0" FROM P.O DOOR AND 4'-0" IN FRONT OF D.F. WHERE OCCURS

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SECOND FLOOR & BASEMENT FLOOR PLANS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: JC/NM SCALE: 1/8"
CHECKED BY: CG

A2.2

JOB NO: 9714 | 5 OF 60 SHEETS

PLOT DATE:
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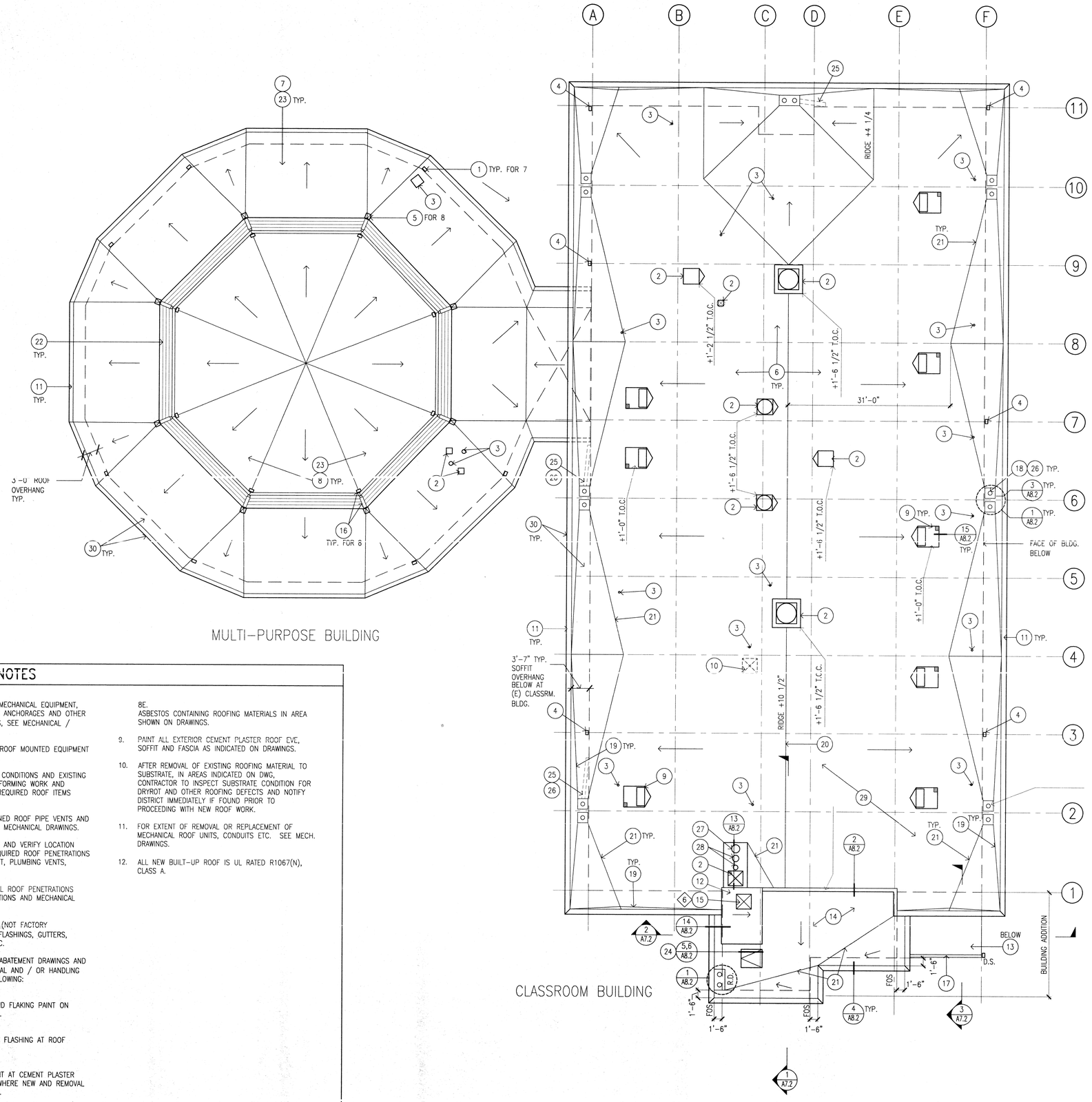

MULTI-PURPOSE BUILDING

CLASSROOM BUILDING

REFERENCE NORTH

SHEET NOTES

1. FOR NEW ROOF MOUNTED MECHANICAL EQUIPMENT, CONDUITS, MOUNTINGS AND ANCHORAGES AND OTHER MECHANICAL RELATED ITEMS, SEE MECHANICAL / PLUMBING DRAWINGS.
2. FOR ELECTRICAL WORK AT ROOF MOUNTED EQUIPMENT SEE ELECTRICAL DRAWINGS.
3. FIELD VERIFY ALL EXISTING CONDITIONS AND EXISTING DIMENSIONS PRIOR TO PERFORMING WORK AND FABRICATION OF ALL NEW REQUIRED ROOF ITEMS INDICATED ON PLANS.
4. FILL IN SOLID ALL ABANDONED ROOF PIPE VENTS AND DRAIN PENETRATIONS. SEE MECHANICAL DRAWINGS.
5. SEE MECHANICAL DRAWINGS AND VERIFY LOCATION AND SIZE OF ALL NEW REQUIRED ROOF PENETRATIONS FOR MECHANICAL EQUIPMENT, PLUMBING VENTS, EXHAUST FANS ETC.
6. FLASH/SEAL WATERTIGHT ALL ROOF PENETRATIONS INCLUDING PIPING PENETRATIONS AND MECHANICAL EQUIPMENT MOUNTINGS.
7. PAINT ALL EXPOSED METAL (NOT FACTORY PRE-FINISHED) INCLUDING FLASHINGS, GUTTERS, DOWNSPOUTS, COPINGS, ETC.
8. SEE HAZARDOUS MATERIAL ABATEMENT DRAWINGS AND SPECIFICATIONS FOR REMOVAL AND / OR HANDLING PROCEDURES FOR THE FOLLOWING:

   8A. REMOVAL OF ALL LOOSE AND FLAKING PAINT ON EXTERIOR ROOF WOOD TRIM.

   8B. REMOVAL OF EXISTING LEAD FLASHING AT ROOF VENTS.

   8C. REMOVAL OF EXTERIOR PAINT AT CEMENT PLASTER ROOF EAVE SOFFIT AREAS WHERE NEW AND REMOVAL ROOF DRAIN WORK OCCURS.

   8D. REMOVAL OF EXISTING BOILER AND WATER HEATER VENT FLUES.

   8E. ASBESTOS CONTAINING ROOFING MATERIALS IN AREA SHOWN ON DRAWINGS.
9. PAINT ALL EXTERIOR CEMENT PLASTER ROOF EVE, SOFFIT AND FASCIA AS INDICATED ON DRAWINGS.
10. AFTER REMOVAL OF EXISTING ROOFING MATERIAL TO SUBSTRATE, IN AREAS INDICATED ON DWG, CONTRACTOR TO INSPECT SUBSTRATE CONDITION FOR DRYROT AND OTHER ROOFING DEFECTS AND NOTIFY DISTRICT IMMEDIATELY IF FOUND PRIOR TO PROCEEDING WITH NEW ROOF WORK.
11. FOR EXTENT OF REMOVAL OR REPLACEMENT OF MECHANICAL ROOF UNITS, CONDUITS ETC. SEE MECH. DRAWINGS.
12. ALL NEW BUILT-UP ROOF IS UL RATED R1067(N), CLASS A.

KEY NOTES

1. (E) ROOF DRAIN AND WIRE STRAINER, TYP.
2. EXHAUST FAN DISCHARGE HOOD, S.M.D.
3. (E) VENTS, TYP. EXTEND & BOOT. SALVAGE AND REINSTALL (E). VANDAL-PROOF TOPS FOR VENTS. FOR REMOVAL OF (E) LEAD FLASHING, SEE HAZMAT DWGS. FOR FLASHING SEE DET. 7/A8.2
4. DEMOLISH (E) ROOF DRAIN & DOWNSPOUT. CLOSE ROOF SHEATHING AND SOFFIT. PATCH SOFFIT TO MATCH ADJ. SURFACE.
5. REPLACE (E) GSM SPLASH PAN
6. REMOVE (E) B.U.R. & RIGID INSULATION TO WOOD SUBSTRATE. REPLACE W/(N) RIGID INSULATION SLOPED 1/4"/FT. AND (N) B.U.R. RAISE (E) CURBS AS SHOWN.
7. (E) LOWER ROOF SLOPES.
8. (E) UPPER ROOF SLOPES 2:12
9. REPLACE (E) CONDENSER UNITS, S.M.D. ON 4'-0"X4'-0" (N) CURB OVER (E) ROOF PENETRATION, SEE DET.15/A8.2
10. DEMOLISH ROOF ACCESS HATCH AT ROOM 211 BELOW. PATCH ROOF TO MATCH ADJACENT.
11. GSM COPING; INSTALL (N) GSM COUNTER-FLASHING @ INSIDE EDGE OVER (N) ROOFING.
12. BUILT-UP ROOF @ ELEVATOR SHAFT.
13. (N) 4:12 STANDING SEAM SHEET MET. ROOF AT BLDG. ADDITION BELOW. SEE FIRST FLOOR PLAN SHT. A2.1.
14. B.U. ROOF AT BUILDING ADDITION.
15. ELEVATOR SHAFT VENT. SEE LOUVER SCHEDULE SHEET A10.2
16. (E) GSM. RAINWATER LEADER, SCUPPER AND WOOD TRIM TO REMAIN. PAINT WOOD TRIM. SEE HAZ. MAT. DWGS. FOR REMOVAL OF LOOSE AND PEELING PAINT AT WOOD TRIM
17. GSM GUTTER
18. INSTALL NEW ROOF DRAIN, OVERFLOW AND DOWNSPOUT BELOW. SEE ELEVATION FOR DOWNSPOUT LOCATION. & S.P.D.
19. TAPERED EDGE STRIP.
20. RIDGE LINE FOR RE-SLOPED ROOF
21. CRICKETS
22. (E) ASPHALT SHINGLE ROOFING TO REMAIN. REPAIR AND PATCH TO MATCH (E) ADJACENT WHERE NEEDED.
23. SALVAGE AND RESTORE (E) GRAVEL BALLAST. PROVIDE (N) B.U.R. OVER (E) BUILT-UP ROOFING. REINSTALL GRAVEL BALLAST.
24. ROOF ACCESS HATCH
25. EXTEND DOWNSPOUT CONNECTION THROUGH SOFFIT, SEE ELEVATION FOR DOWNSPOUT LOCATION.
26. PATCH ALL SOFFIT AREAS OPENED FOR ROOF DRAIN WORK; PATCH TO MATCH ADJACENT SURFACE.
27. CAP (E) INCINERATOR FLUE. S.M.D.
28. REMOVE (E) BOILER AND WATER HEATER VENT FLUE & SUPPORT W.O. S.M.D. FOR INSTALLATION OF (N) FLUES. SEE HAZ. MAT. DWGS. FOR DEMOLITION & REMOVAL WORK. PROVIDE 1-HR RATED EXTENSION 3 FT. ABOVE ROOF LEVEL, AS INDICATED ON DRAWING.
29. SEE HAZMAT DWGS. FOR REMOVAL OF (E) ASBESTOS CONTAINING ROOFING MATERIALS IN THIS AREA
30. PAINT CEM. PLASTER ROOF EAVE SOFFIT AND FASCIA - TYP. SEE EXTERIOR ELEVATIONS

ROOF PLAN: MULTI-PURPOSE AND CLASSROOM BUILDINGS | 1/8" | 1

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ROOF PLAN

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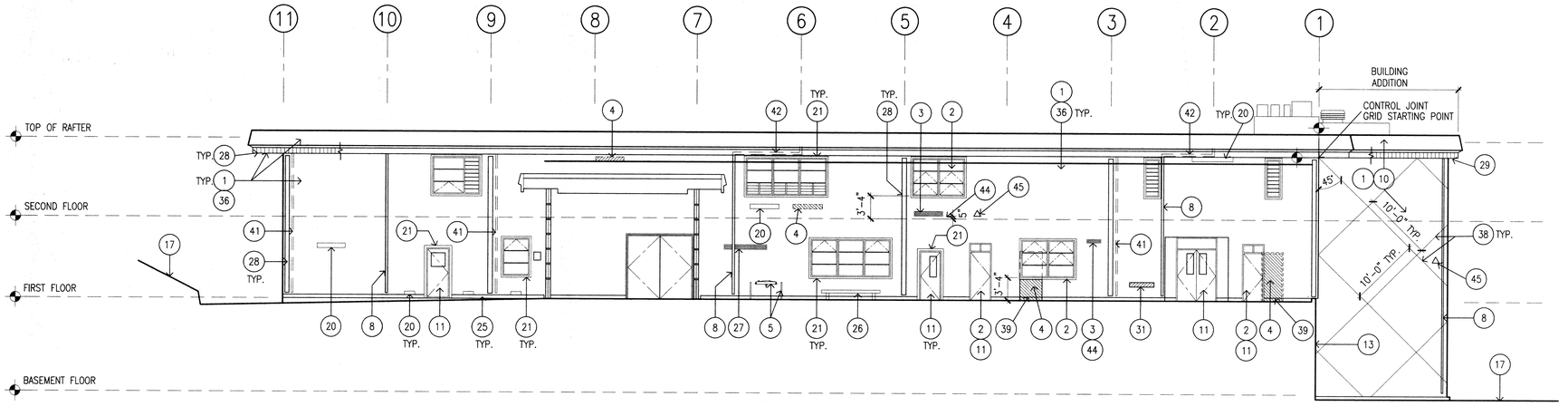
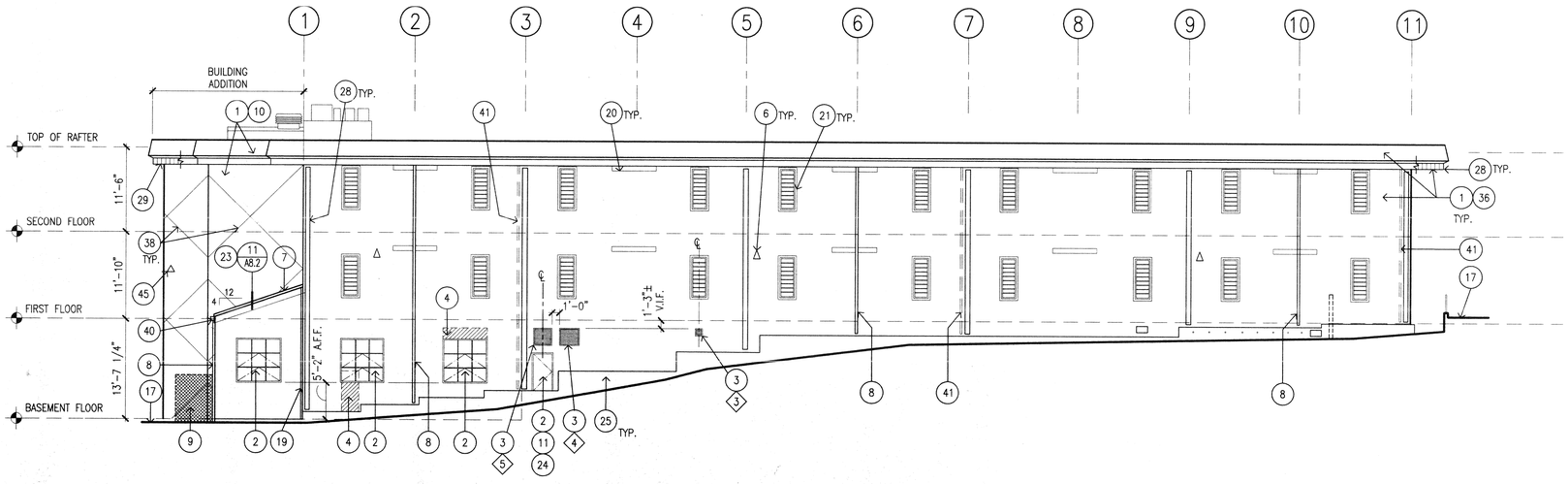
JOB NO: 9714 | 9 OF 60 SHEETS

PLOT DATE:
JOB NUMBER: F:\ A0203.DWG
F:\9714arx\A0203.dwg Wed Feb 18 15:58:11 1998



CLASSROOM BUILDING – NORTH ELEVATION | 1/8" | 1



CLASSROOM BUILDING – SOUTH ELEVATION | 1/8" | 2

SHEET NOTES

1. SEE HAZARDOUS MATERIALS ABATEMENT PLANS AND SPECIFICATIONS FOR REMOVAL PROCEDURES OF THE FOLLOWING:

   1A. LOOSE AND PEELING PAINT ON EXT. WD TRIM AT MULTI–PURPOSE BUILDING 'A' ROOF. SEE SHEET A2.3

   1B. PAINT FINISH AT EXTERIOR CEMENT PLASTER MATERIAL TO BE REMOVED. SEE ALSO DEMOLITION PLANS, SHEET DA2.1 AND DA2.2

2. SEE FLOOR PLANS SHEETS A2.1 AND A2.2 FOR NEW EXTERIOR DOOR, WINDOW AND LOUVER TYPES.
3. FIELD VERIFY ALL EXISTING AND REQUIRED OPENING DIMENSIONS PRIOR TO FABRICATION OF ALL NEW EXTERIOR WINDOWS, LOUVERS, DOORS, ETC., AND ALL OTHER REQUIRED NEW EXTERIOR ITEMS.
4. PAINT ALL EXPOSED EXTERIOR METAL FABRICATIONS, INCLUDING SHEET METAL, COPINGS, FLASHINGS, ETC. THAT ARE NOT FACTORY PREFINISHED.
5. FLASH/SEAL WATERTIGHT ALL NEW WALL PENETRATIONS WHERE NEW MECHANICAL DUCTING, PIPING ETC. PENETRATE THE BUILDING WALLS.
6. PAINT ALL BUILDING EXTERIOR SURFACES INCLUDING WALLS, ROOF EAVE SOFFIT AND FASCIA, WOOD TRIM, ETC. PREPARE AND SEAL BUILDING SURFACES FOR PAINTING PER SPECIFICATIONS.
7. FOR ALL EXTERIOR MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT AND LOCATIONS, SEE MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
8. PATCH ALL EXISTING EXTERIOR PLASTER WALL CRACKS. ASSUME 300 LINEAR FEET; FINISH REPAIRED SURFACE TO MATCH EXISTING ADJACENT WALL SURFACE.
9. PATCH ALL EXTERIOR PLATER FINISHES TO MATCH ADJACENT WALL SURFACES AS REQUIRED AFTER EXTERIOR WINDOW, DOOR AND LOUVER INSTALLATIONS.
10. PAINT ANY NEW EXPOSED WATER, GAS PIPING, OR ELECTRICAL CONDUIT ON THE EXTERIOR TO MATCH THE BASE COLOR OF THE ADJACENT SURFACE UNLESS OTHERWISE NOTED ON PLANS.

KEY NOTES

1. PAINT BUILDING EXTERIOR THROUGHOUT INCLUDING (E) WD TRIM,ALL GUTTERS & D.S.(NOT FACTORY PREFINISHED) DOWNSPOUTS, LOUVERED VENTS, SEE SHEET NOTE #1.
2. NEW DOOR OR WINDOW.
3. NEW LOUVERS, PAINTED
4. PATCH WALL OPENING. EXTERIOR WALL INFILL FIN. TO MATCH ADJ. FIN. SEE FLOOR PLANS FOR WALL TYPE
5. ACCESSIBLE HCP DRINKING FOUNTAIN AND MET. PIPE WING WALL. SEE FLOOR PLAN. PAINT MET. WING WALL
6. (E) LIGHT FIXTURE TO REMAIN.
7. STANDING SEAM SHT. METAL ROOF. SEE SHT. A2.3 ROOF PLAN
8. INSTALL DOWNSPOUT AT NEW LOCATION – PAINT TO MATCH ADJ. WALL FIN. COLOR. SEE ROOF PLAN SHT. A2.3, & S.P.D.
9. CHAIN LINK W/ WOOD SLAT ENCLOSURE. SEE SITE PLAN A1.1.
10. EXTERIOR CEM. PLASTER FINISH TO MATCH ADJ. EXISTING WALL AND EAVE. SEE DET.4/A8.2
11. PAINT EXTERIOR MET. DOORS & FRAMES – TYP. THROUGHOUT
12. SCHOOL SIGN – PAINT WD. TRIM.
13. (E) CONCRETE RETAINING WALL.
14. (E) ASPHALT SHINGLE SIDING TO REMAIN
15. (E) CONC. STAIRS OR RAMP AND FOUNDATION WALL.
16. HANDRAIL & GUARDRAIL, PAINTED, AT MULTI–PURPOSE BUILDING STAIR.
17. (E) GRADE
18. PAINT (E) METAL DOWNSPOUT TO MATCH ADJ. WALL FINISH COLOR – TYP. THROUGHOUT
19. CONTROL JOINT
20. (E) LOUVERED VENT PAINTED – TYP. THROUGHOUT
21. PAINT WD. TRIM AT WINDOWS AND DOORS W.O.TYP. THROUGHOUT, SEE SHEET NOTE #1.
22. ROOF BEYOND – SEE ROOF PLAN.
23. GSM RAKE
24. CRAWL SPACE ACCESS DOOR
25. (E) CONCRETE FOUNDATION WALL OR CURB.
26. (E) WOOD BENCH.
27. REPLACE (E) LOUVER; PAINT (N) LOUVER
28. PAINT (E) WOOD TRIM, TYP. THROUGHOUT, SEE SHEET NOTE #1.
29. WOOD TRIM AT FASCIA TO MATCH (E). PAINT
30. PAINT (E) STL. WINDOW FRAME, MULLIONS, TRANSITE PANEL AND TRIM.
31. PATCH WALL TO MATCH ADJ. WALL SURFACE WHERE (E) DRINKING FOUNTAIN HAS BEEN REMOVED.
32. REMOVE (E) WD. TRIM ENTIRELY THIS LOCATION ONLY. SEE HAZ. MAT. DWGS. FOR PROCEDURES
33. REMOVE (E) CLOCK PROTECTIVE CASE & ELEC. JUNCTION BOX. PATCH WALL TO MATCH ADJ. WALL FINISH.

KEY NOTES CONT'D ON SHT. A3.2

A 4 Glass 2/24/98 WF

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EXTERIOR ELEVATIONS

DATE	ISSUE	REV.
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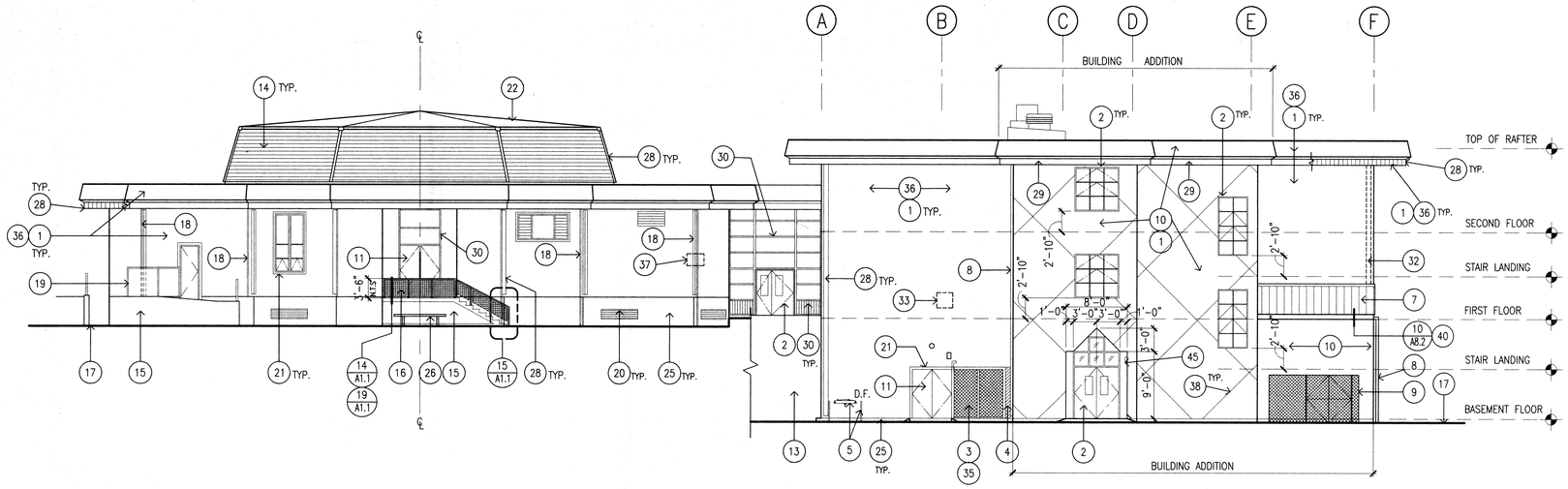
A3.1

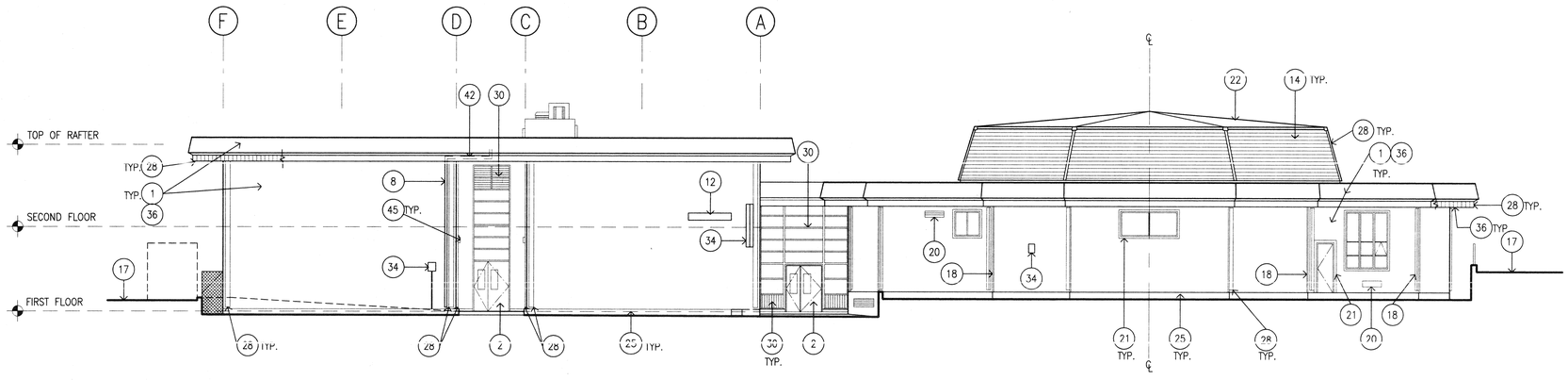
JOB NO: 9714 | 10 OF 40 SHEETS

PLOT DATE: JOB NUMBER : F:\A0301.DWG

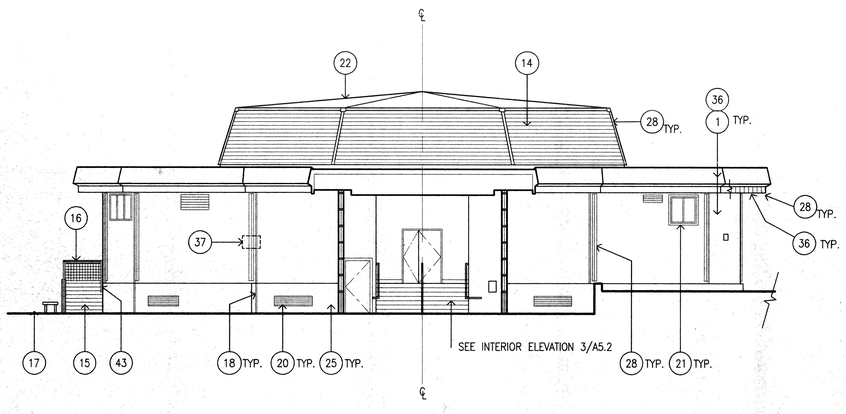
F:\1971dvf\A0301.dwg Fri Feb 13 13:42:31 1998



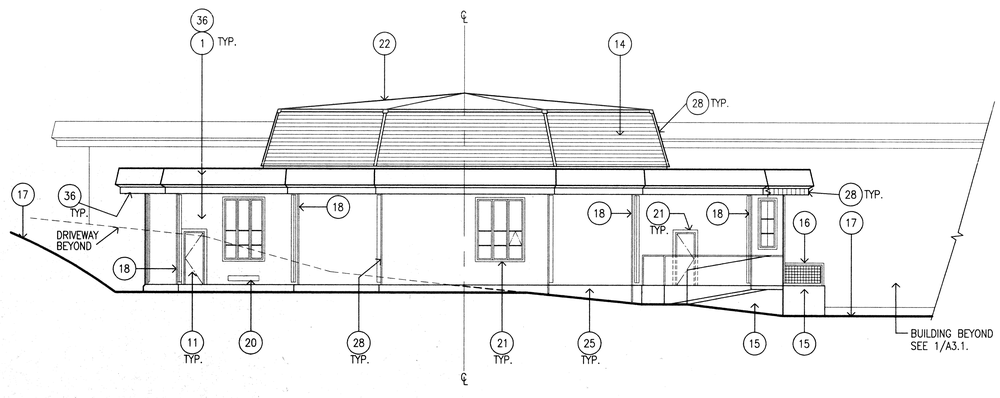
MULTI-PURPOSE AND CLASSROOM BUILDING - WEST ELEVATION | 1/8" | 1



MULTI-PURPOSE AND CLASSROOM BUILDING - EAST ELEVATION | 1/8" | 2



MULTI-PURPOSE BUILDING - SOUTH ELEVATION | 1/8" | 4



MULTI-PURPOSE BUILDING - NORTH ELEVATION | 1/8" | 3

KEY NOTES CONT'D FROM SHT. A3.1

34. (E) ELEC. SERVICE TO BLDG. S.E.D.
35. LOUVER WITH CHAIN LINK PROTECTIVE SCREEN.
36. PAINT (E) EXTERIOR CEM. PLASTER FIN. AT ROOF SOFFIT, ROOF FASCIA AND WALLS - TYP. THROUGHOUT
37. PAINT (E) WALL MTD. BACKSTOP.
38. CONTINUOUS 10 FT. X 10 FT. ALUMINUM REVEAL GRID, SEE DET. 14/A8.1 RUN GRID CONTINUOUS AROUND 3-STORY BUILDING ADDITION-ALL SIDES, AS SHOWN.
39. 6" HIGH CONC. CURB INFILL AT BASE OF EXTERIOR WALL TO MATCH ADJACENT CURB. DOWEL INTO (E) CONC. SLAB W/ 3-#4 REBAR, EPOXY GROUTED, 8" MIN. EMBEDMENT.
40. GSM GUTTER
41. REMOVE (E) DOWNSPOUT, SEE ROOF PLAN SHT. A2.3
42. SEE ROOF PLAN SHT. A2.3 FOR LOCATION OF NEW ROOF DRAIN AND WORK @ (E) SOFFIT AREA, AND SEE SHEET NOTE '1B'
43. WALL-MTD. MET. PIPE RAIL, PAINTED, SEE DET. 12/A9.3
44. MATCH ADJACENT LOUVER OPENING SILL HT,. - V.I.F.
45. EXTERIOR LIGHT FIXTURE - S.E.D.

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EXTERIOR ELEVATIONS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: JC SCALE: 1/8"
CHECKED BY: CG

A3.2

JOB NO: 9714 | 11 OF 60 SHEETS

8/18 A CL WF 2/20/1998

PLOT DATE:
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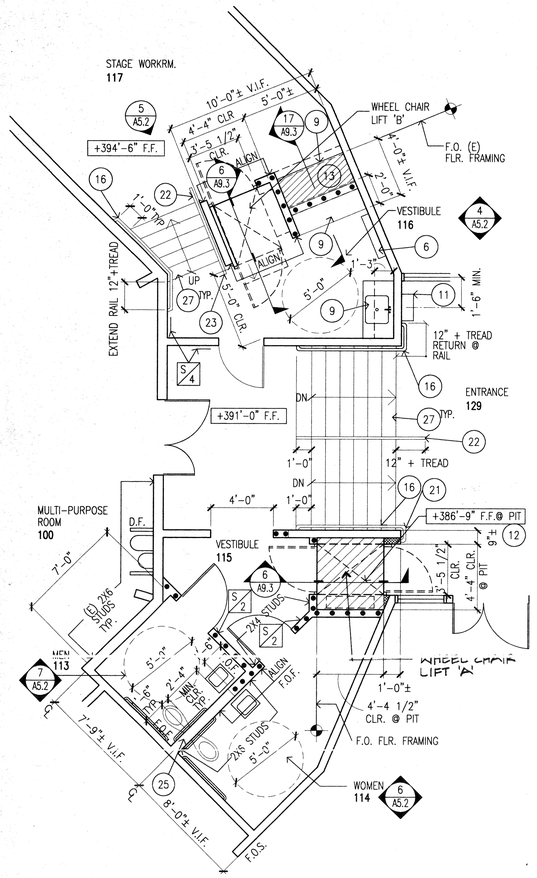
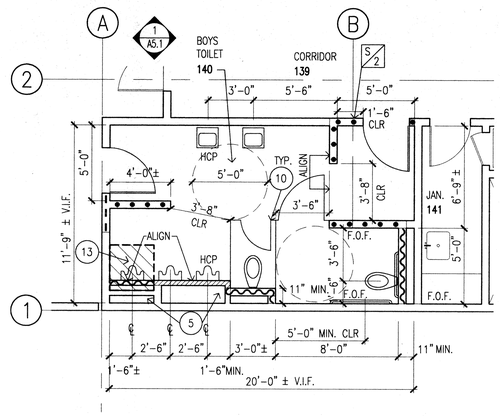
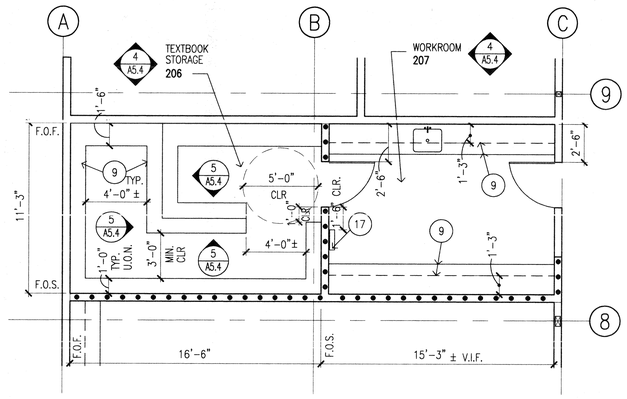
JOB NUMBER :
F:\1971400\A03PG.dwg Fri Feb 13 14:00:46 1998



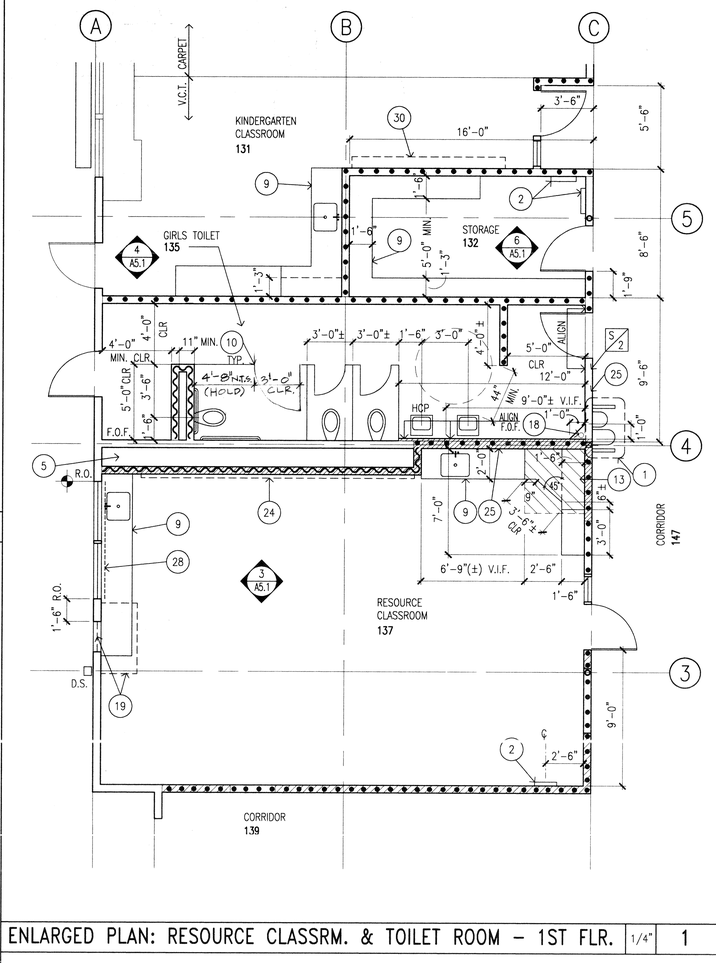
ENLARGED PLAN: MULTI-PURPOSE BLDG. | 1/4" | 4



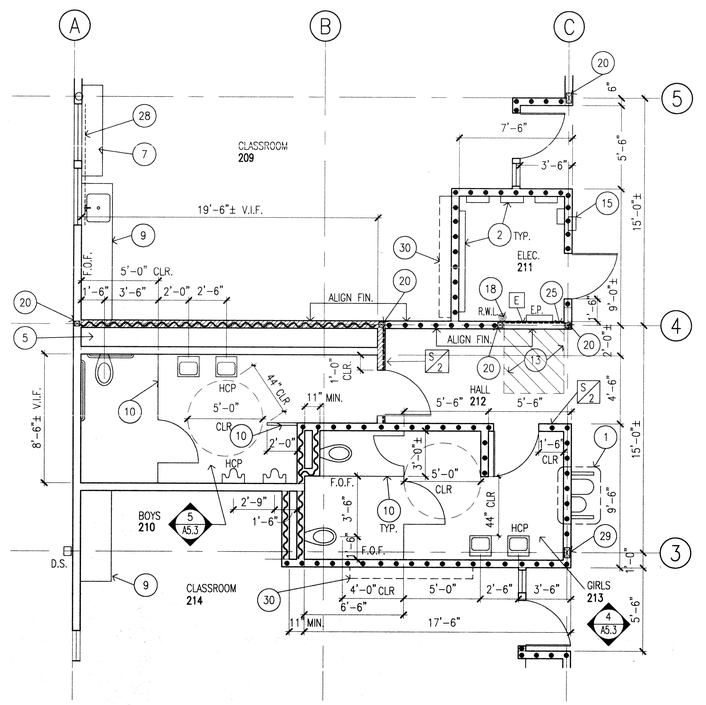
ENLARGED PLAN: TOILET ROOM 1ST FLOOR | 1/4" | 2



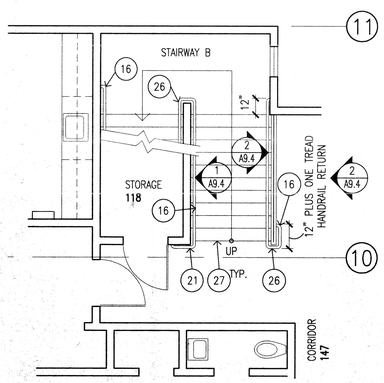
ENLARGED PLAN: WORKRM. & TEXTBOOK STOR. – 2ND FLR. | 1/4" | 3



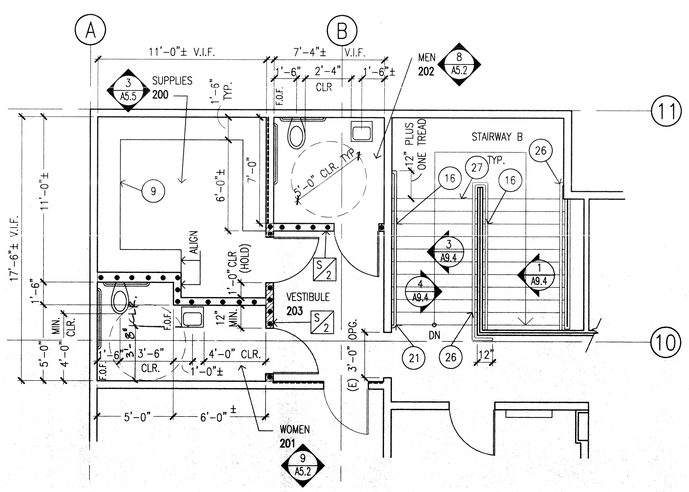
ENLARGED PLAN: RESOURCE CLASSRM. & TOILET ROOM – 1ST FLR. | 1/4" | 1



ENLARGED PLAN: TOILET ROOMS 2ND FLOOR | 1/4" | 5



ENLARGED PLAN: 1ST FLOOR STAIR | 1/4" | 7



ENLARGED PLAN: TOILET ROOMS 2ND FLOOR & STAIR | 1/4" | 6

SHEET NOTES

1. SEE FLOOR PLANS, SHTS. A2.1 & A2.2 FOR WALL TYPES INCLUDING EXISTING WALLS TO REMAIN.
2. ALL EXISTING EXTERIOR STUD WALLS AT BASEMENT/ CRAWL SPACE LEVEL HAVE 2X6 STUDS.
3. SEE ROOM FINISH SCHEDULE SHEET A10.2 FOR ALL INTERIOR WALL, FLOOR, CEILING AND SURFACE FINISHES.
4. SEE ELECTRICAL DRAWINGS FOR LOCATIONS OF ELECTRICAL PANELS, OUTLETS AND LIGHT FIXTURES.
5. SEE MECHANICAL/ PLUMBING DRAWINGS FOR LOCATIONS OF DUCTS, GRILLS, VENTS, PIPING AND MECHANICAL AND PLUMBING FIXTURES/ EQUIPMENT.
6. SEE HAZARDOUS ABATEMENT DRAWING AND SPECIFICATIONS FOR ABATEMENT OF HAZARDOUS MATERIALS.
7. AFTER DEMOLITION WORK, PATCH ALL EXISTING WALLS AND CEILINGS TO BE EXPOSED. PATCH TO MATCH ADJACENT WALL/ CEILING SURFACE.
8. FOR MOUNTING HEIGHTS OF ALL TOILET ROOM ACCESSORIES AND HANDICAPPED ACCESSIBILITY REQUIREMENTS SEE DETAIL 5/A5.1
9. FOR SIGNS INDICATED ON PLANS SEE SIGN SCHEDULE ON SHEET A10.3
10. NEW FLOOR DRAINS IN TOILET AREAS ARE AS INDICATED ON PLUMBING DRAWINGS.
11. INFILL EXISTING OPENINGS AS INDICATED. SURFACE FINISH OF BOTH SIDES OF INFILL AREA TO ALIGN AND MATCH ADJACENT WALL FINISH.
12. FIELD VERIFY DIMENSIONS FOR NEW OPENINGS IN WALL FOR NEW DOORS, WINDOWS, LOUVERS AND OTHER WALL PENETRATIONS AS REQUIRED.
13. SEE FLOOR PLANS SHEET A2.1 AND A2.2 FOR DOOR NUMBERS, WINDOWS AND LOUVER KEYS.
14. AT WHEELCHAIR LIFTS, CALL BUTTONS SHALL BE LOCATED @ 30" A.F.F. AT ACCESSIBLE WALL LOCATION ADJACENT TO LIFT, UNLESS LOCATED AT CONTROL UNIT.

KEY NOTES

1. DRINKING FOUNTAIN AND GUARD RAILS, SEE DETAIL 18/A9.2 AND S.P.D.
2. ELECTRICAL PANELS, S.E.D.
3. (E) ELECTRICAL PANEL TO REMAIN, S.E.D.
4. TELEPHONE OR DATA TERMINAL EQUIPMENT, S.E.D.
5. (E) PLUMBING SHAFT, S.P.D.
6. (E) UNIT VENTILATOR OR WALL CONVECTOR TO REMAIN, S.M.D.
7. RELOCATE (E) UNIT VENTILATOR TO NEW LOCATION, S.M.D.
8. UNIT VENTILATOR, S.M.D.
9. CASEWORK, SEE INTERIOR ELEVATIONS
10. TOILET PARTITION OR URINAL SCREEN, FOR ANCHORAGE SEE DET.11/A9.2.
11. RELOCATE (E) PAY TELEPHONE, S.E.D. VERIFY LOCATION OF STAIR RAIL PRIOR TO INSTALLATION.
12. INFILL FLOOR FRAMING: 3 INCH PIT AREA AT WHEEL-CHAIR LIFT 'A'. SEE DETAIL 6/A9.3 & S.S.D. FOR FLOOR FRAMING.
13. AREA OF INFILL FLOOR FRAMING, FLOOR SUBSTRATE TO BE LEVEL WITH EXISTING FOR SMOOTH FLOOR FINISH.
14. (E) FIRE EXTINGUISHER CABINET TO REMAIN
15. FIRE EXTINGUISHER CABINET.
16. WALL-MOUNTED METAL PIPE HANDRAIL, PAINTED, AT (E) STAIRWAY. SEE DETAIL12/A9.3.
17. HEAT UNIT – S.M.D.
18. RELOCATE (E) RAINWATER LEADER AS REQUIRED, S.P.D. FURR OUT WALL AS SHOWN AT FIRST FLR.
19. UNIT VENTILATOR & LOUVERED OPENING – S.M.D.
20. (E) 4X WOOD POST. (V.I.F.)
21. TERMINATE HANDRAIL AT FRAME OF DOOR OR FRAMED OPENING.
22. FLOOR-MTD. METAL PIPE HANDRAIL, PAINTED, @ (E) STAIRWAY, SEE DET. 11/A9.3.
23. ALIGN EXTENSION OF HANDRAIL WITH FACE OF WHEELCHAIR LIFT GATE.
24. MARKERBOARD / FRONT OF CLASSROOM, SEE INTERIOR ELEVATIONS.
25. (E) 2X6 STUDS.
26. MET. PIPE HANDRAIL, PAINTED. SEE DETAIL 9/A9.3.
27. CONTRASTING STRIPING AT TOP & BOTTOM OF STAIR TREADS, SEE DET. 12/A9.3 SIM.
28. PROVIDE HORIZONTAL BLINDES @ WINDOW.
29. PROVIDE 4X8 POST – S.S.D.
30. COAT RACK ON WALL – SEE INTERIOR ELEVATIONS

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ENLARGED FLOOR PLANS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: JC/MM SCALE: 1/4"
CHECKED BY: CG

A4.1

JOB NO: 9714 | 12 OF 60 SHEETS

80148 A WF 2/20/1998

PLOT DATE:
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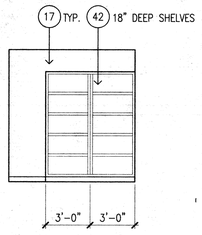
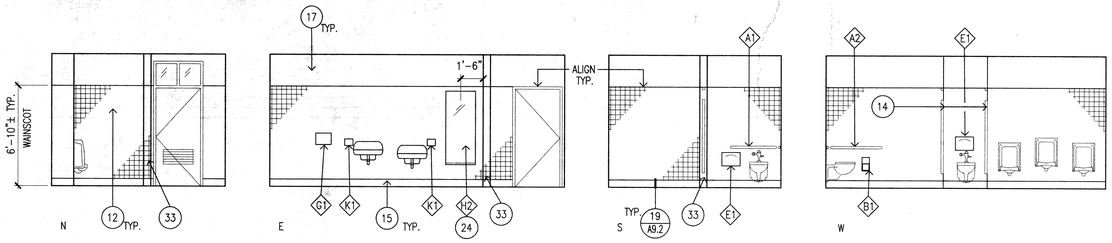
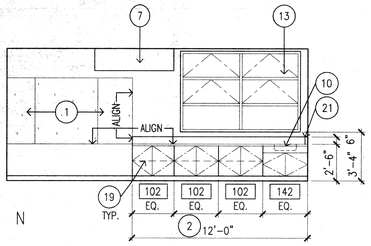
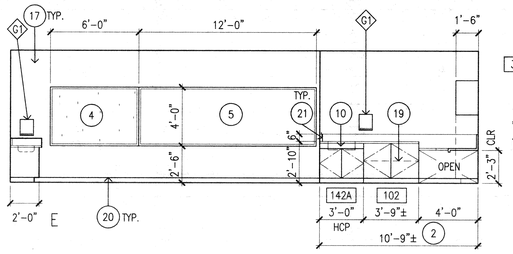


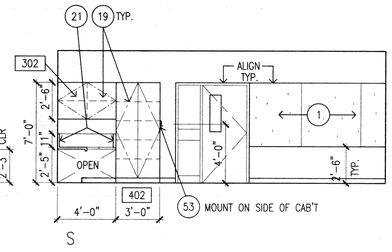
STORAGE 150 | 1/4" | 2

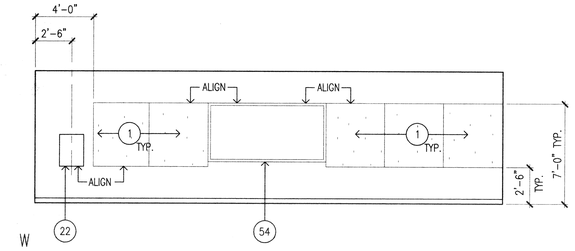


BOYS TOILET 140 | 1/4" | 1

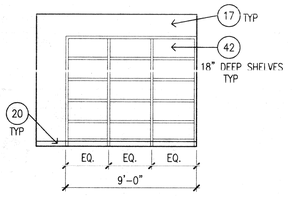




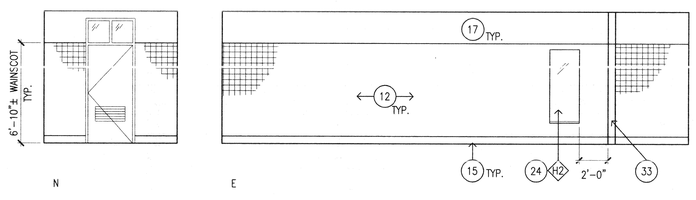




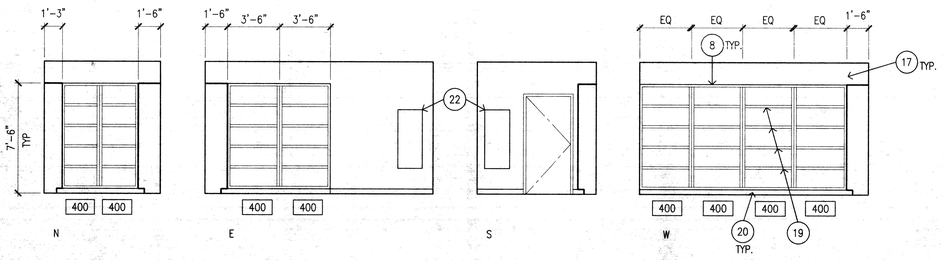
RESOURCE CLASSROOM 137 | 1/4" | 3



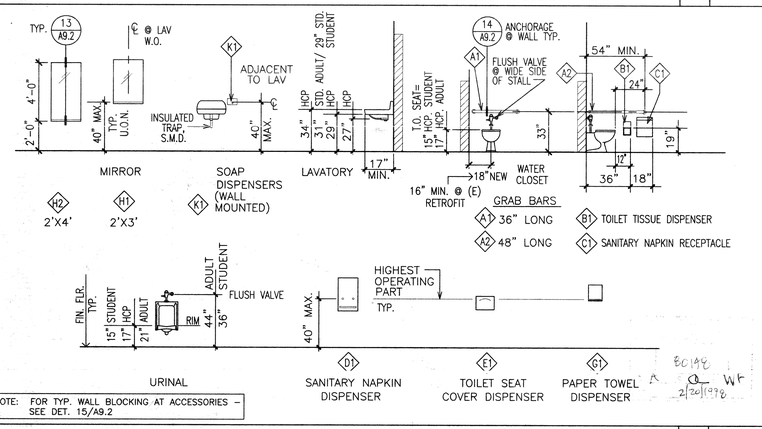
KITCHEN STORAGE 106A | 1/4" | 7



GIRLS TOILET 135 | 1/4" | 4



STORAGE 132 | 1/4" | 6



NOTE: FOR TYP. WALL BLOCKING AT ACCESSORIES – SEE DET. 15/A9.2

TYPICAL TOILET ROOM ACCESSORIES MOUNTING HEIGHTS | 1/4" | 5

SHEET NOTES

1. SEE ROOM FINISH SCHEDULE SHEET A10.2 FOR ALL INTERIOR WALL, CEILING, FLOOR, AND SURFACE FINISHES.
2. PROVIDE SOLID BLOCKING AS REQUIRED IN WALLS FOR ALL WALL MOUNTED ACCESSORIES AS INDICATED. SEE TYPICAL BLOCKING DET. 15/A9.2
3. SEE ELECTRICAL DRAWINGS FOR LIGHTING, POWER, DATA, ETC., LOCATIONS AND REQUIREMENTS.
4. SEE MECHANICAL DRAWINGS FOR LOCATIONS OF GRILLS AND MECHANICAL EQUIPMENT.
5. FOR TOILET ROOM ACCESSORIES KEY AND MOUNTING HEIGHTS INCLUDING HANDICAP ACCESSIBILITY REQUIREMENTS SEE DET. 5/A10.3
6. AFTER DEMOLITION WORK, PATCH ALL EXISTING WALLS AND CEILINGS TO BE EXPOSED SMOOTH TO MATCH ADJACENT WALL/CEILING SURFACES, INCLUDING ALL HOLES FOR PREVIOUS ATTACHMENTS OR WHERE WALLS HAVE BEEN REMOVED.
7. SEE CASEWORK NOTES SHT A10.3 FOR CASEWORK FINISH, DETAILS, ANCHORAGE AND HARDWARE INFORMATION. SEE DET. 1 & 2/A9.2 FOR TYP. ANCHORAGE INFORMATION.
8. FOR TYPICAL LAYOUT INSTALLATION OF CERAMIC TILE ON WALLS TO BE SEE DET. 12/A9.2
9. SEE REFLECTED CEILING PLANS FOR CEILING HEIGHTS AND FINISHES.
10. SEE DOOR SCHEDULE FOR DOOR/VISION PANEL CONFIGURATIONS.
11. CASEWORK IS INDICATED AS FOLLOWS:

    (123) WIC CABINET NO. KEY – FOR NEW CASEWORK ONLY

    (A-1) EXISTING CASEWORK KEY – FOR EXISTING CASEWORK TO BE RELOCATED.
12. FOR EXISTING CASEWORK SCHEDULE & NOTES SEE SHT. A10.3

KEY NOTES

1. VINYL COVERED TACK BOARD PANELS – FOR TYP. TRIM CONDITIONS SEE DET. 9/A9.2
2. CASEWORK – SEE DET. 2/A9.2
3. (E) CASEWORK TO BE RELOCATED – SEE DET. 2/A9.2 SIM.
4. TACK BOARD – SEE DET. 10/A9.2
5. MARKER BOARD – SEE DET. 10/A9.2
6. (E) UNIT VENTILATOR – S.M.D.
7. MECHANICAL VENTILATOR OR HEATER UNIT @ WALL OR CEILING – S.M.D.
8. CASEWORK W/OPEN SHELVING – SEE DET. 1/A9.2
9. (E) SINK INSTALLED IN (N) OR RELOCATED (E) CASEWORK – S.P.D.
10. SINK, S.P.D.
11. RELOCATE (E) SALVAGED 10'-0" LONG WOOD COAT RACK & STORAGE SHELF – PROVIDE BLKG. PER DET. 10/A9.2
12. CERAMIC TILE WAINSCOT W/TILE PATTERN SEE DET. 12/A9.2
13. WINDOW(S)
14. TOILET URINAL SCREEN OR PARTITION(S) – FOR TYP. MOUNTING SEE DET. 11/A9.2
15. 6" COVED EPOXY BASE. SEE DETS. 19 & 20/A9.2
16. TERMINATE HANDRAIL AT FRAME OF OPENING.
17. GYP. BD. WALL, PAINTED
18. CASEWORK W/3 SLIDING MARKER BOARD PANELS – SEE DET. 4/A9.3
19. ADJUSTABLE SHELVES
20. RUBBER BASE
21. RETURN SPLASH AT WALL OR ADJACENT CABINET.
22. ELECTRIC PANEL, S.E.D.
23. 30" DEEP WORK COUNTER W/ KNEE SPACE. SEE DETS. 1 & 5/A9.3
24. RUN TILE BEHIND MIRROR.
25. INSTALL PLASTIC LAM. COUNTER TOP AND BACK SPLASH OVER RELOCATED (E) CASEWORK. SEE DET. 2/A10.3 SIM. FIELD VERIFY (E) CABINET DIMENSIONS.
26. (E) CASEWORK TO REMAIN. RUN (N) BASE AROUND CASEWORK @ BASE CAB. W.O. – SEE DET. 2/A10.3
27. OBLIQUE WALL
28. WOOD COAT RACK SEE DET. 8/A9.2
29. GYP. BD. SOFFIT BEYOND, PAINTED
30. HANDRAILS, SEE ENLARGED PLAN
31. FURRED – OUT WALL TO 5'-0" A.F.F.
32. (E) STAIRS BEYOND
33. RETURN CER. TILE WAINSCOT AROUND WALL. (ALL SIDES).

* KEY NOTES CONTINUED ON SHT. A5.2

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INTERIOR ELEVATIONS

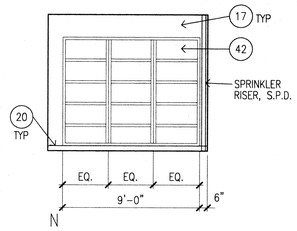
DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: JC SCALE: 1/4"
CHECKED BY: CG

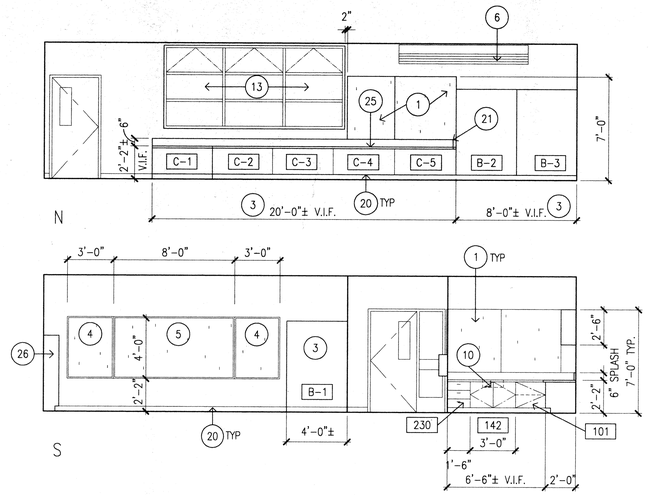
A5.1

JOB NO: 9714 | 12 OF 60 SHEETS

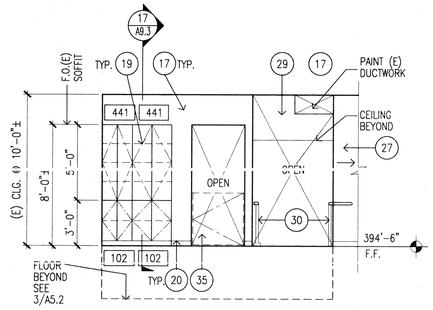
PLOT DATE:
F:\A0501.DWG
JOB NUMBER :
F:\9714oxf\A0501.dwg Fri Feb 13 15:26:41 1998



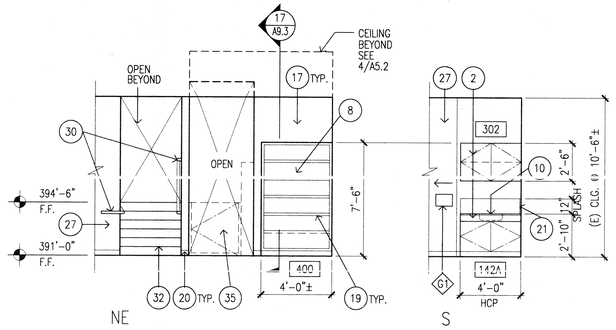
STORAGE 222 (STOR. 148 SIM.) | 1/4" | 2



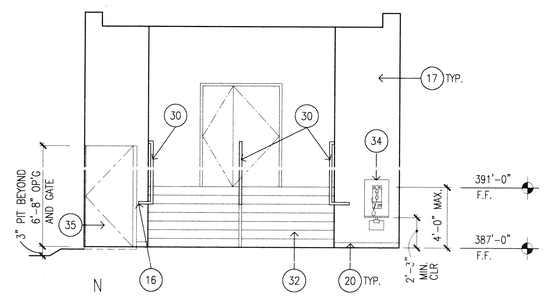
KINDERGARTEN CLASSROOM 131 | 1/4" | 1



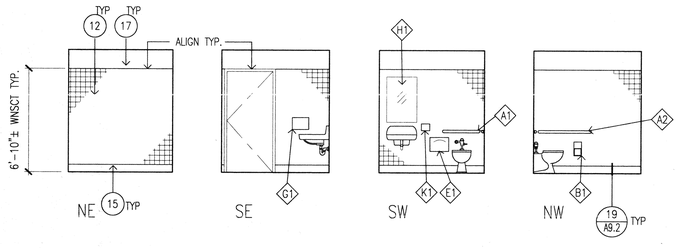
STAGE WORK ROOM 117 | 1/4" | 5



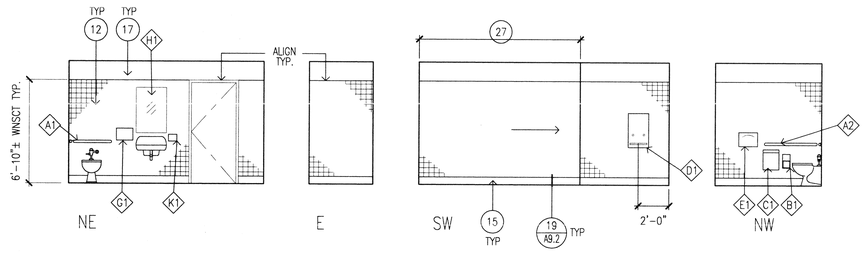
VESTIBULE 116 | 1/4" | 4



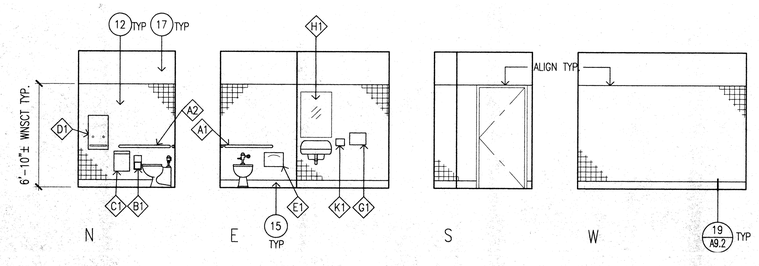
ENTRANCE 129 | 1/4" | 3



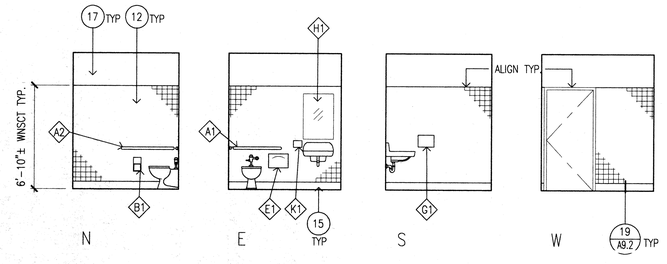
MEN 113 | 1/4" | 7



WOMEN 114 | 1/4" | 6



WOMEN 201 | 1/4" | 9



MEN 202 | 1/4" | 8

KEY NOTES

34 RELOCATED (E) PAY TELEPHONE. S.E.D.

35 WHEELCHAIR LIFT AND GATE BY MFR.

36 (E) FIRE EXTINGUISHER CABINET. TO REMAIN

37 FIRE EXTINGUISHER CABINET.

38 HCP DRINKING FOUNTAIN AND GUARD RAILS. SEE DET. 18/A9.2 AND S.P.D.

39 (E) PLYWD. PANEL WAINSCOT.

40 INFILL PLYWD. PANEL WAINSCOT TO MATCH (E). FINISH WITH TRIM TO MATCH (E). SEE DET. 2/A9.3

41 RETURN WAINSCOT TO INSIDE CORNER OF ADJACENT WALL.

42 METAL SHELVING UNITS, 6 SHELVES, 12" DEEP TYP. U.O.N. – FOR TYP. ANCHORAGE TO WALL – SEE DET. 3/A9.3

43 F.R.P. WAINSCOT – SEE DET. 16/A9.2

44 MOP RACK

45 JAN. SINK S.P.D.

46 LIBRARY CASEWORK W/ PLAS. LAM. TOP. SEE DETS. 18 & 19/A9.3

47 (N) RUBBER BASE AT NEW CASEWORK ONLY. MATCH (E) ADJACENT BASE COLOR

48 ELEVATOR CALL BUTTON

49 CAB. END PANEL ANCHORAGE TO CEILING JOIST ABOVE.

50 MECHANICAL REGISTER– S.M.D.

51 PENINSULA LIBRARY SHELVING – SIM. TO "PARTIAL NORTH" ELEVATION.

52 RETURN BASE @ ADJ. WALL OR CAB.

53 COAT HOOK

54 (E) SALVAGED 4' x 8' WHITE MARKER BOARD – RELOCATE AND INSTALL IN NEW LOCATION

55 LIBRARY DISPLAY SHELVES

VBN ARCHITECTS
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INTERIOR ELEVATIONS

DATE	ISSUE	REV.
2/23/98	BID SET	

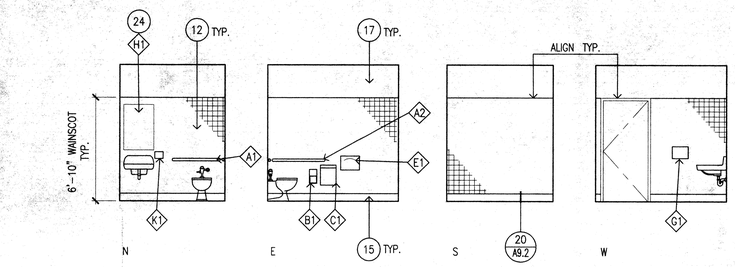
DRAWN BY: JC SCALE: 1/4"
CHECKED BY: CG

A5.2

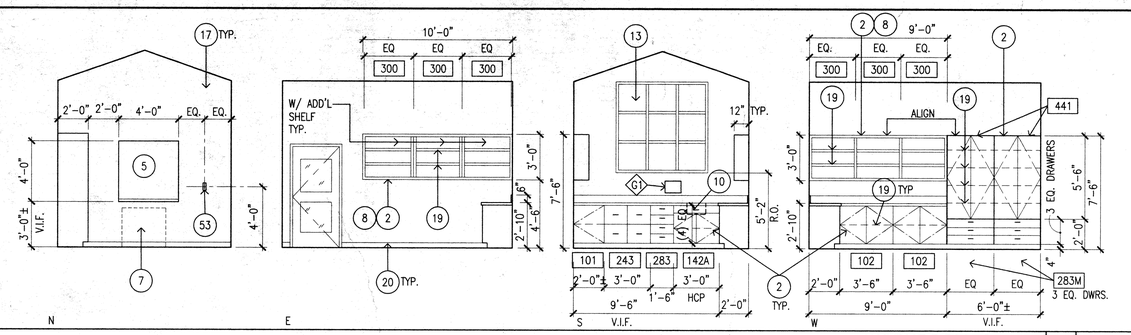
JOB NO: 9714 | 14 OF 60 SHEETS

Solar A WF 2/24/1998

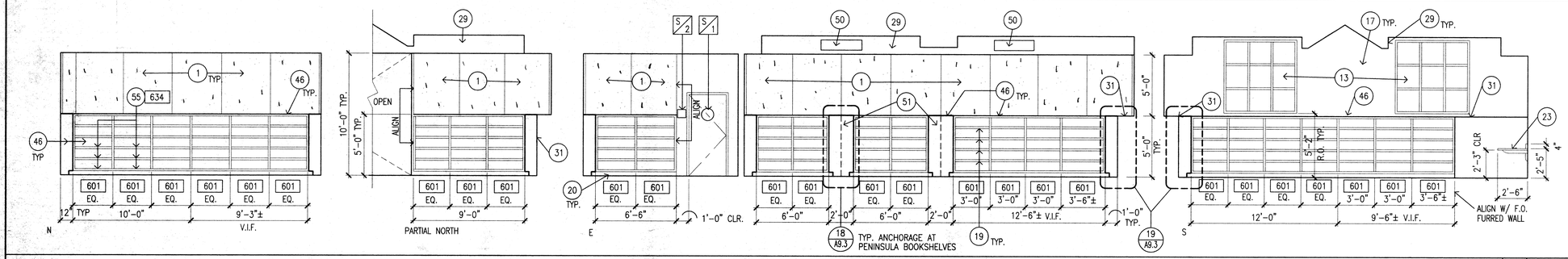
PLOT DATE: 2/24/98
F:\A0501.DWG
JOB NUMBER: F:\97\14o\fo\A0502.dwg Wed Feb 18 10:15:05 1998



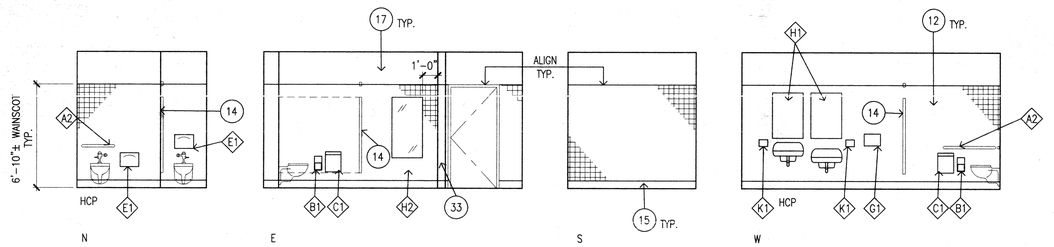
TOILET 8 | 1/4" | 2



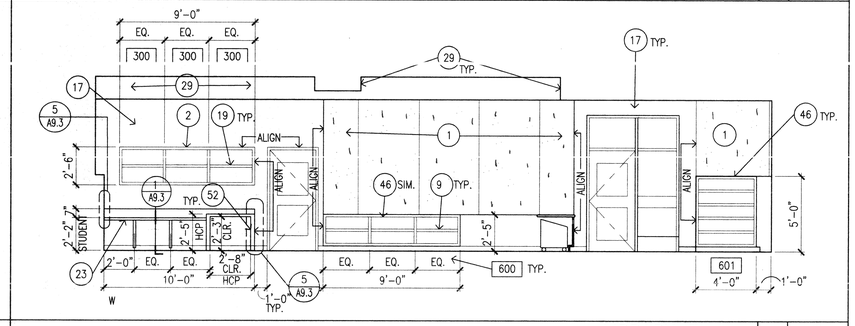
WORKROOM 6 | 1/4" | 1



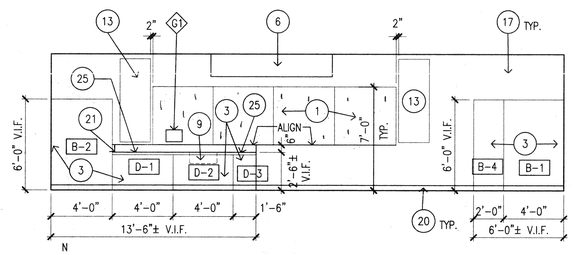
LIBRARY 7 | 1/4" | 3



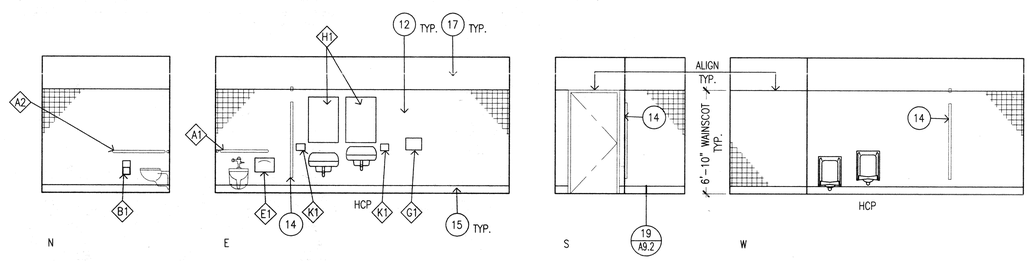
GIRLS 213 | 1/4" | 4



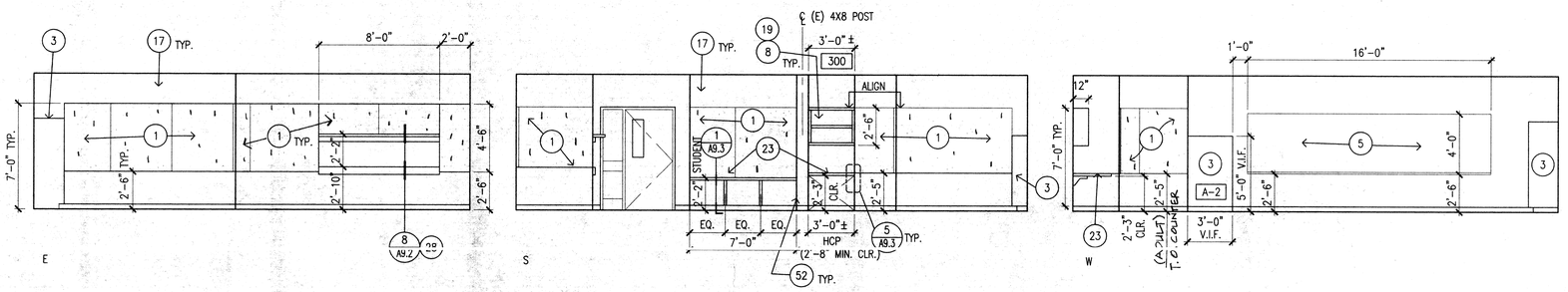
LIBRARY 7 | 1/4" | 3



CLASSROOM 214 | 1/4" | 6



BOYS 210 | 1/4" | 5



CLASSROOM 214 | 1/4" | 6

SHEET NOTES

FOR SHEET NOTES AND KEY NOTES, SEE SHTS. A5.1 & A5.2.

VBN ARCHITECTS
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DATE	ISSUE	REV.
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DRAWN BY: JC SCALE: 1/4"
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A5.3

JOB NO: 9714 | 15 OF 60 SHEETS

8046 A 2/20/1998 WF

PLOT DATE:
F:\A0502.DWG
JOB NUMBER:
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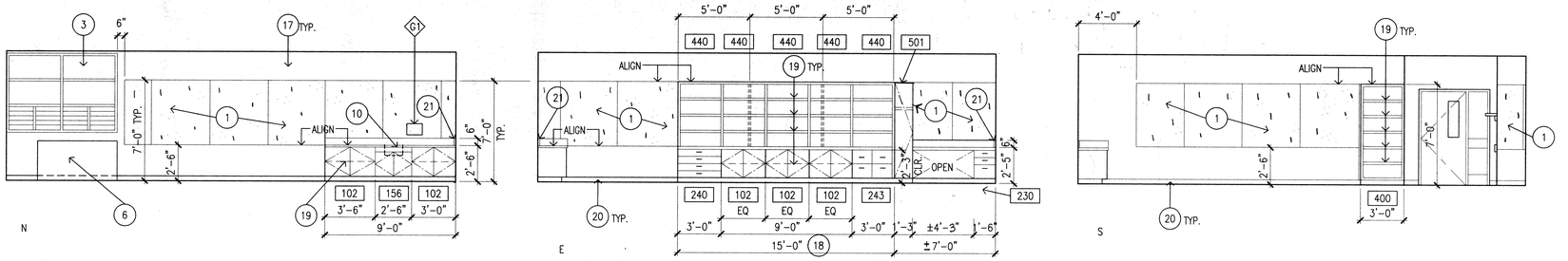
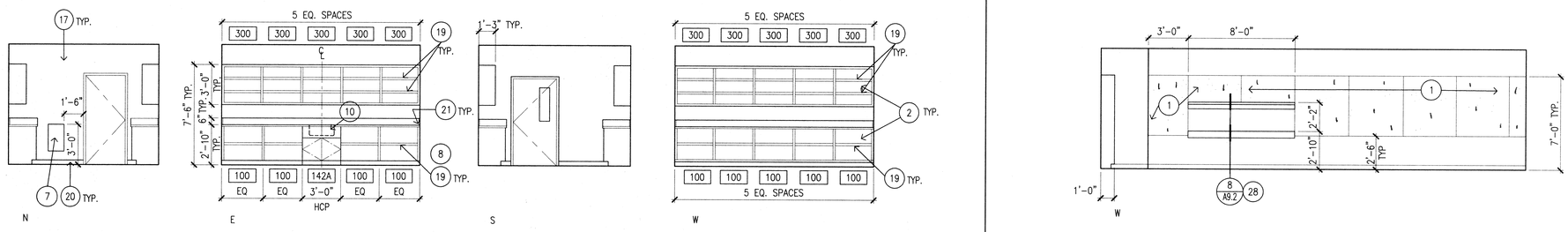
SHEET NOTES

FOR SHEET NOTES AND KEY NOTES SEE SHEETS A5.1 & A5.2

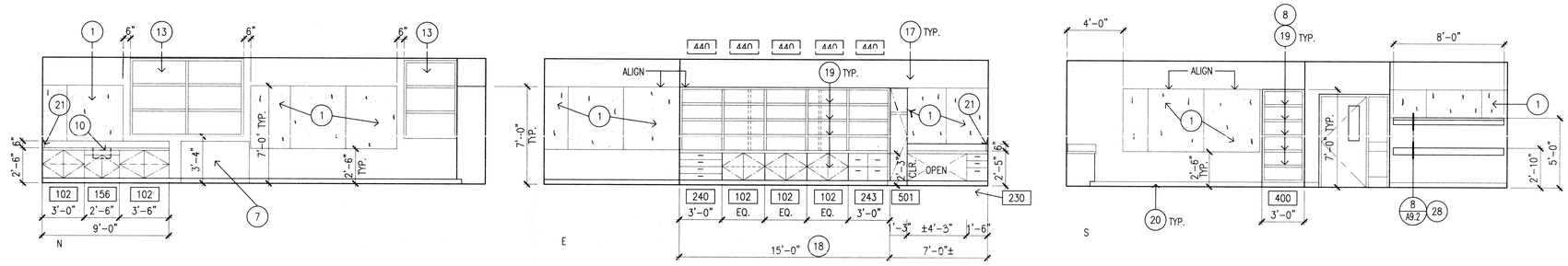


CLASSROOM 208 | 1/4" | 1

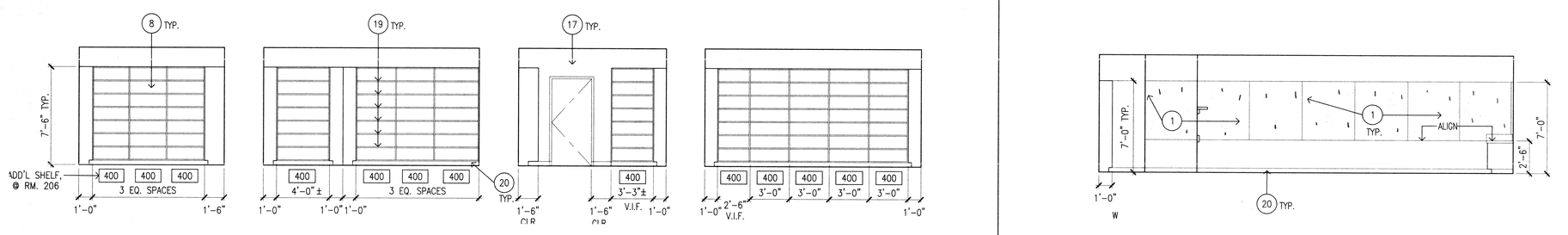


WORKROOM 207 | 1/4" | 2

CLASSROOM 208 | 1/4" | 1

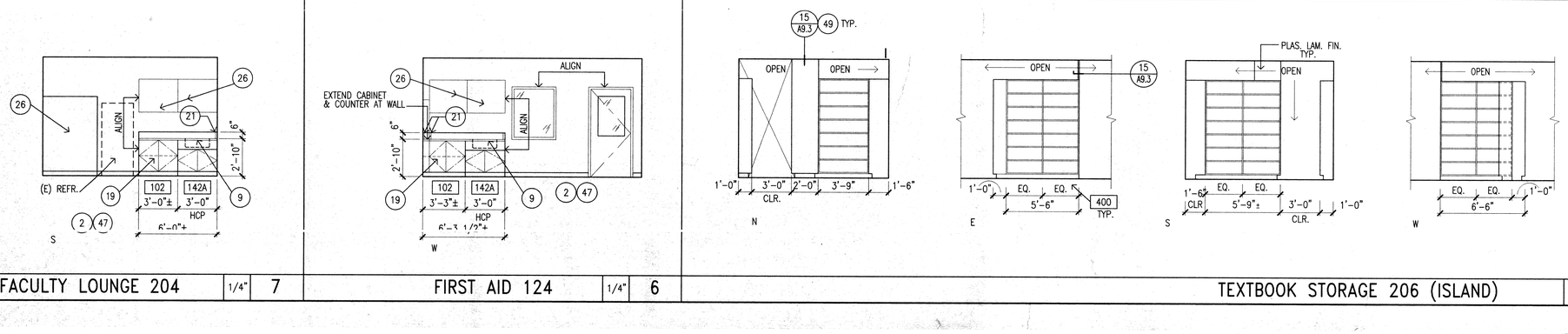


CLASSROOM 209 | 1/4" | 3



TEXTBOOK STORAGE 206 | 1/4" | 4

CLASSROOM 209 | 1/4" | 3



FACULTY LOUNGE 204 | 1/4" | 7

FIRST AID 124 | 1/4" | 6

TEXTBOOK STORAGE 206 (ISLAND) | 1/4" | 5

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DRAWN BY: JC SCALE: 1/4"
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A5.4

JOB NO: 9714 | 16 OF 60 SHEETS

PLOT DATE:
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JOB NUMBER :
F:\9714\ro1\A0504.dwg Tue Feb 17 08:52:53 1998

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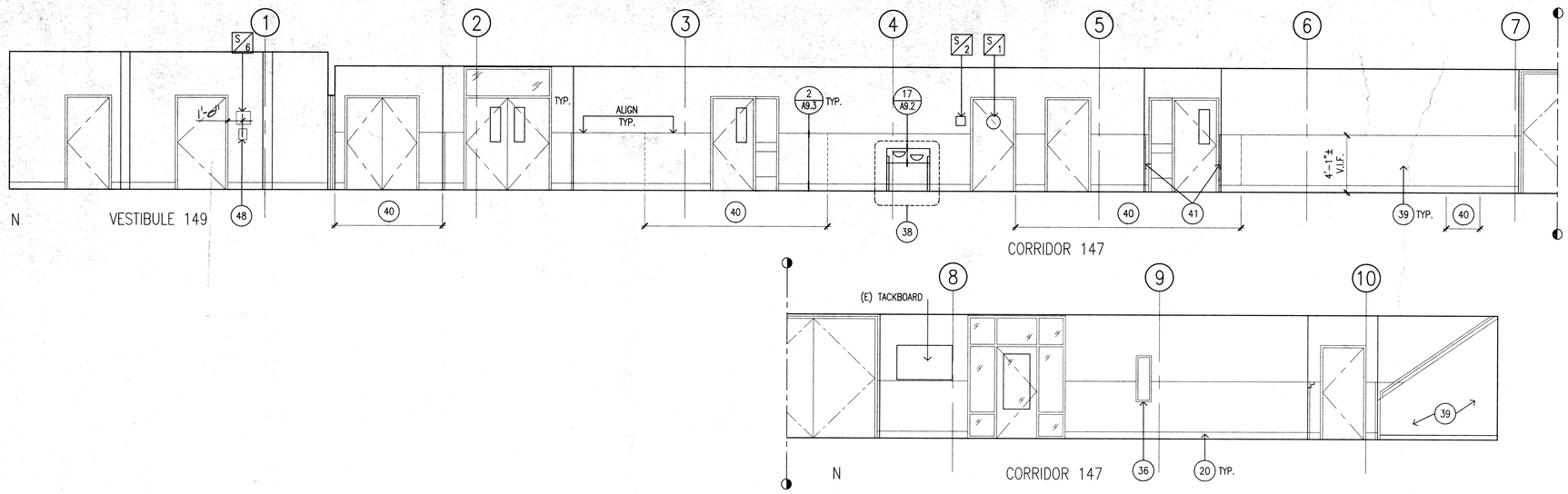
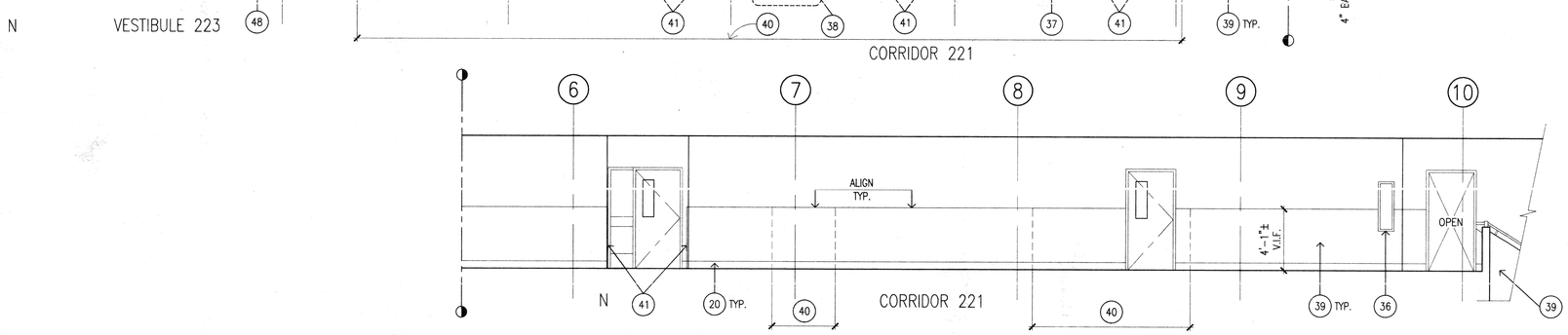
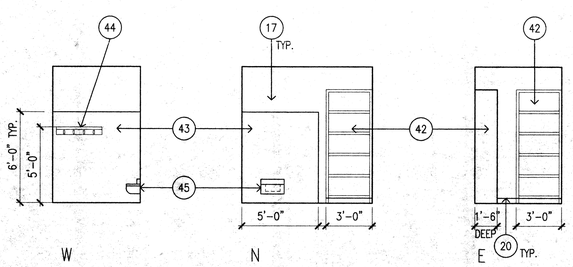
2/24/1998



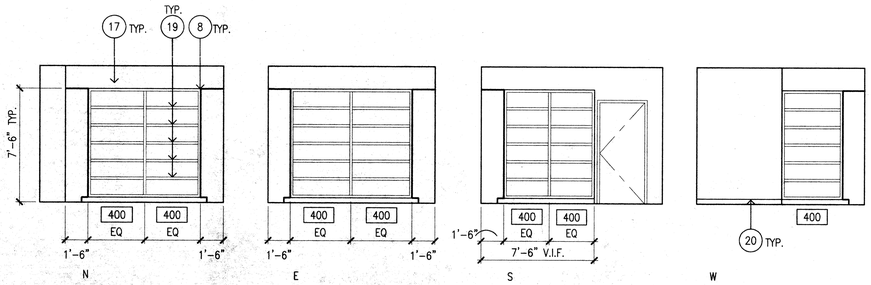
VESTIBULE 149 / CORRIDOR 147 | 1/4" | 1



VESTIBULE 223 / CORRIDOR 221 | 1/4" | 2



JANITOR 215 | 1/4" | 4



SUPPLIES 200 | 1/4" | 3

SHEET NOTES

FOR SHEET NOTES AND KEY NOTES SEE SHEETS A5.1 & A5.2

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☐ ELIEZER M. NAOR AIA

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DATE	ISSUE	REV.
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A5.5

JOB NO: 9714 | 17 OF 60 SHEETS

EC148
A G WF
2/20/1998

PLOT DATE:
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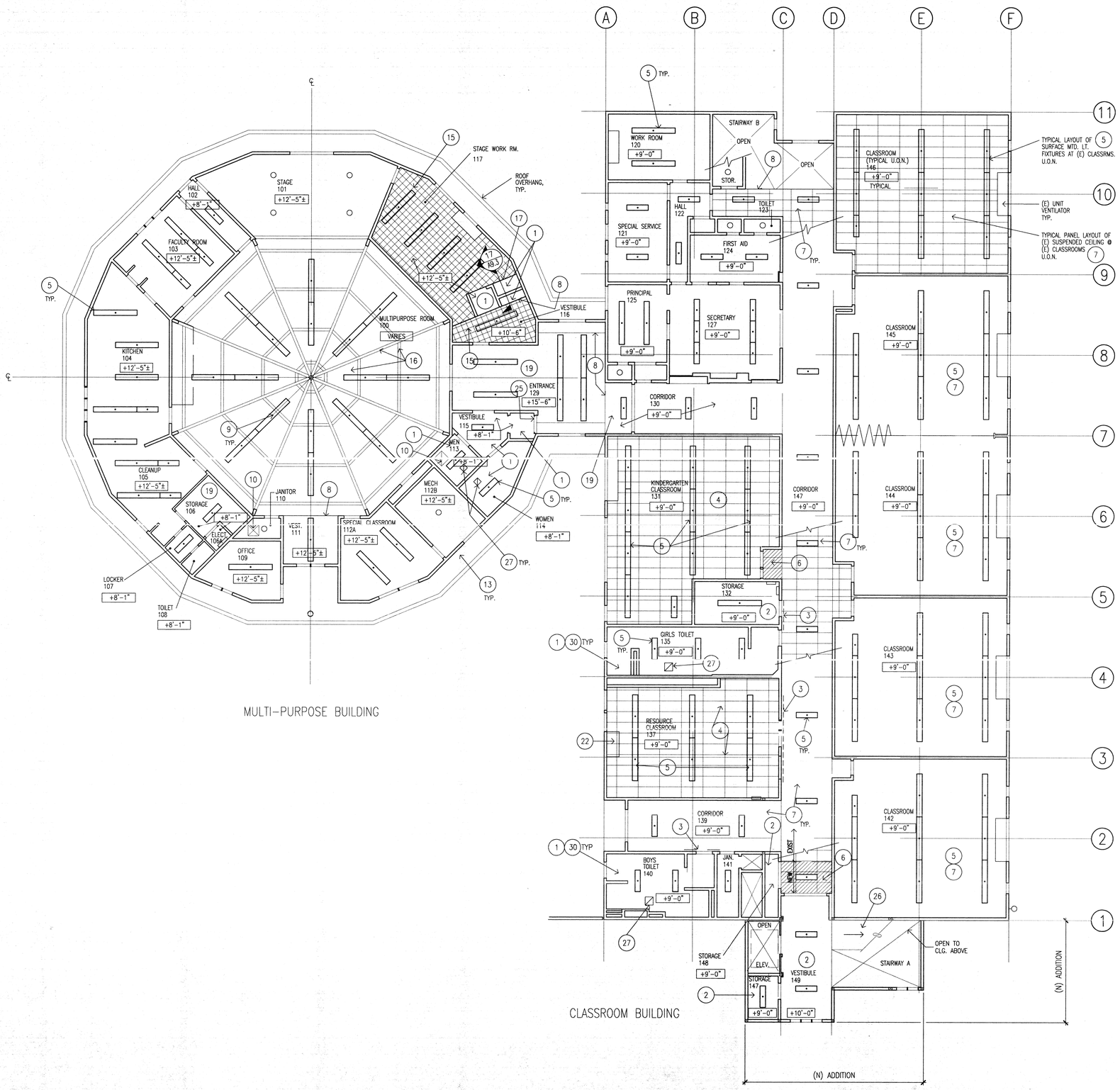

KEY NOTES

1. FURRED GYP. BD. CEILING – SEE DET. 5/A9.1 TYP.
2. FURRED ONE HOUR GYP. BD. CEILING SEE DET. 5/A9.1 TYP.
3. MODIFY (E) 2X4 SUSPENDED CEILING PANELS AND SUPPORT GRID TO ACCOMMODATE (N) WALL PARTITION CONFIGURATION.
4. SUSPENDED ACOUSTICAL CEILING.
5. SURFACE MOUNTED LIGHT FIXTURES, SED.
6. NEW SUSPENDED ACOUST. CEILING INFILL TO MATCH EXISTING ADJACENT PANELS AND SUPPORT GRID.
7. EXISTING SUSPENDED ACOUST. CEILING
8. (E) GYP. BD. SOFFIT
9. PENDANT LIGHT FIXTUES @ 13'–6" A.F.F. TO BOT. OF FIXTURE – S.E.D.
10. ACCESS PANEL TO REMAIN.
11. ROOF ACCESS HATCH & LADDER. SEE DET. 5 & 6/A8.2
12. (N) CEMENT PLASTER SOFFIT TO MATCH ADJ. – PAINT SEE ROOF PLAN.
13. (E) CEM. PLASTER ROOF EAVE SOFFITT – PAINT TYP. SEE EXTERIOR ELEVATIONS
14. PATCH AND PAINT SOFFIT TO MATCH ADJACENT
15. (E) GLUE–ON 12" X 12" ACOUST. CLG. TILES. PATCH MISSING TILES TO MATCH ADJACENT TILES AS NEEDED. SECURE LOOSE TILES. ASSUME 25 SQ. FT. FOR REPLACEMENT AND/OR REPAIR.
16. (E) EXPOSED GLU–LAM BEAMS AND WOOD DECK – SLOPED CLG. AREA.
17. GYP. BD. SOFFIT – SEE DET. 4/A9.1 TYP.
18. SLOPED SUSP. ACOUST. CLG. – SEE DET. 3/A7.2
19. (E) GYP. BD. CEILING.
20. SLOPED GYP. BD. CLG. SEE DETS. 5 & 6/A9.1–SIM.
21. SLOPED CEM. PLASTER SOFFIT AT ENTRY – SEE EXTERIOR ELEV.
22. CEILING MOUNTED UNIT VENTILATOR. S.M.D.
23. LAY–IN FLUOR. LIGHT FIXTURE – S.E.D.
24. PENDANT MOUNT FLUOR. LIGHT FIXTURE @9'–8 1/2" A.F.F. TO BOTTOM OF FIXTURE. – S.E.D.
25. FRAMED GYP. BD. OPENING @ 6'–8" – SEE INT. ELEV.
26. GYP. BD. CLG. @ UNDERSIDE OF STAIRS.
27. EXHAUST REGISTER – S.M.D.
28. PROVIDE 2X CLG. JOIST FOR ANCHORAGE OF CASEWORK BELOW. SEE DET. 15/A9.3
29. SEE HAZ. MAT. DWGS. AND S.M.D. FOR WORK ON FLUES IN THIS AREA.
30. FOR CEILING ANCHORAGE OF TOILET PARTITIONS OR URINAL SCREEN, SEE DET. 4/A9.2. SEE FLOOR PLANS FOR LAYOUT OF PARTITIONS/SCREENS.

SHEET NOTES

1. ALL CEILINGS ARE EXISTING UNLESS OTHERWISE NOTED.
2. FOR LOCATION & EXTENT OF LIGHT FIXTURE WORK, SEE ELEC. DWGS.
3. FOR TYP. SUSP. ACOUST. PANEL CLG. DETAILS SEE DETS. 3,7,8,9 & 10/A9.1
4. CONTRACTOR SHALL COORDINATE SCHEDULING THE REMOVAL AND REPLACEMENT OF (E) ACOUST. CLG. PANELS AS NECESSARY FOR ACCESS FOR (N) ELEC., MECH., & GENERAL ARCHITECTURAL WORK WITH HAZ. MAT. ABATEMENT WORK. SEE HAZ. MAT. ABATEMENT DRAWINGS AND SPECIFICATIONS FOR PROCEDURES REGARDING REMOVAL AND/OR REPLACEMENT OF EXISTING ACOUSTICAL CEILING PANELS.
5. COORDINATE INSTALLATION OF NEW CEILING FINISHES WITH INSTALLATION OF MEW LIGHT FIXTURES, MECHANICAL DUCTS, PLUMBING, ELECTRICAL CONDUITS AND ANY OTHER ELECTRICAL OF MECHANICAL ITEM REQUIRING ACCESS AT CEILING.
6. FOR LOCATIONS OF CEILING SUPPLY AND RETURN AIR DIFFUSERS IN SOFFIT, FASCIA AND CEILING AREAS SEE MECHANICAL DRAWINGS.
7. PATCH (E) GYP. BOARD CEILING AS REQUIRED AFTER INSTALLATION OF MECHANICAL OR ELECTRICAL DUCTS, CONDUITS, VENTS ETC. MATCH ADJACENT SURFACE.
8. FOR ALL EXISTING GYP. BOARD CEILING SURFACES TO BE EXPOSED AFTER DEMOLITION, PATCH ALL SURFACES INCLUDING HOLES, UNEVEN SURFACES OR WHERE WALLS HAVE BEEN REMOVED. PATCH TO MATCH ADJACENT CEILING FOR SMOOTH SURFACE.
9. PROVIDE ACCESS DOORS IN CEILINGS AS REQUIRED FOR MECHANICAL EQUIPMENT W.O.–ACCESS RATED DOORS TO OCCUR AT RATED CEILING CONDITIONS.
10. ALL EXTERIOR EAVE SOFFITS TO BE PAINTED. SEE ROOF PLAN SHEET A2.3 AND EXTERIOR ELEVATIONS SHEETS A3.1 AND A3.2.

9/14/98 A WF 2/20/1998

FIRST FLOOR REFLECTED CEILING PLAN: MULTI–PURPOSE AND CLASSROOM BUILDINGS | 1/8" | 1

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FIRST FLOOR REFLECTED CEILING PLAN

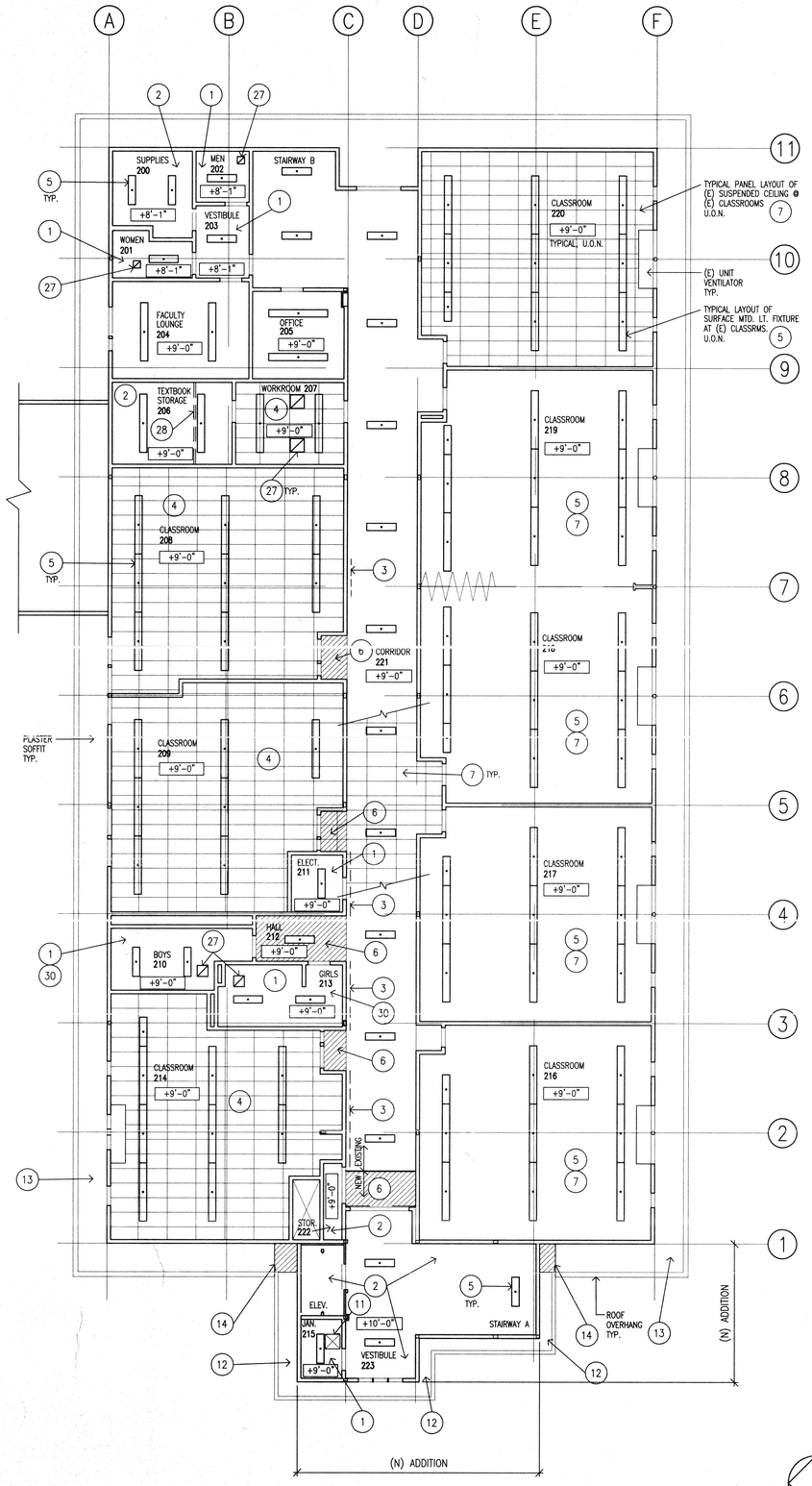
DATE	ISSUE	REV.
2/23/98	BID SET	

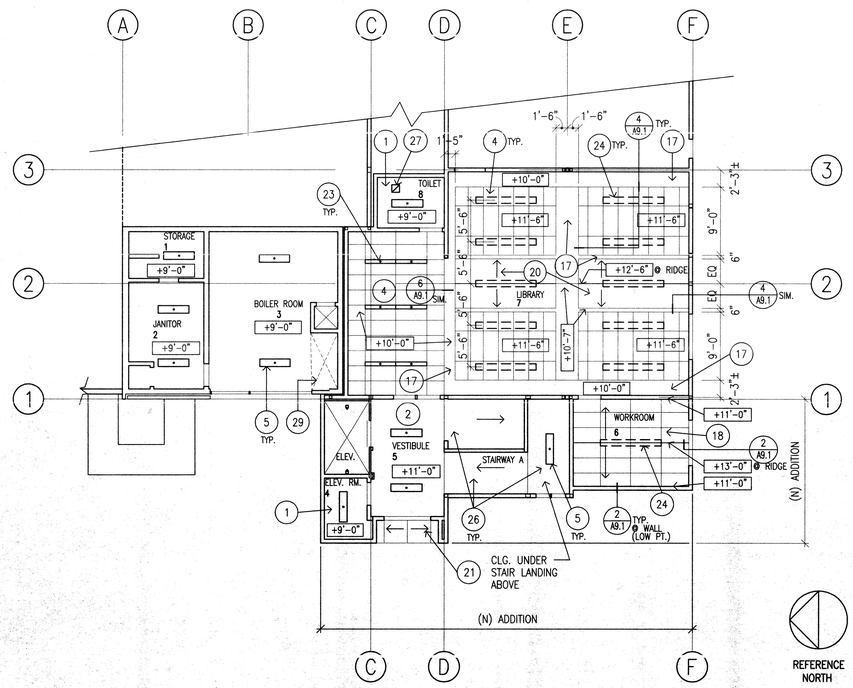
DRAWN BY: JO SCALE: 1/8"
CHECKED BY: CG

A6.1

JOB NO: 9714 | 18 OF 60 SHEETS

PLOT DATE:
F:\ A0201.DWG
JOB NUMBER :
F:\9714ox\A0601.dwg Wed Feb 18 17:15:23 1998





KEY NOTES

1. FURRED GYP. BD. CEILING – SEE DET. 5/A9.1 TYP.
2. FURRED ONE HOUR GYP. BD. CEILING SEE DET. 5/A9.1 TYP.
3. MODIFY (E) 2X4 SUSPENDED CEILING PANELS AND SUPPORT GRID TO ACCOMMODATE (N) WALL PARTITION CONFIGURATION.
4. SUSPENDED ACOUSTICAL CEILING.
5. SURFACE MOUNTED LIGHT FIXTURES, SED.
6. NEW SUSPENDED ACOUST. CEILING INFILL TO MATCH EXISTING ADJACENT PANELS AND SUPPORT GRID.
7. EXISTING SUSPENDED ACOUST. CEILING
8. (E) GYP. BD. SOFFIT
9. PENDANT LIGHT FIXTUES @ 13'–6" A.F.F.TO BOTTOM OF FIXTURE – S.E.D.
10. ACCESS PANEL TO REMAIN.
11. ROOF ACCESS HATCH & LADDER. SEE DET. 5 & 6/A8.2
12. (N) CEMENT PLASTER SOFFIT TO MATCH ADJ. – PAINT SEE ROOF PLAN.
13. (E) CEM. PLASTER ROOF EAVE SOFFITT – PAINT TYP. SEE EXTERIOR ELEVATIONS
14. PATCH AND PAINT SOFFIT TO MATCH ADJACENT
15. (E) GLUE–ON 12" X 12" ACOUST. CLG. TILES. PATCH MISSING TILES TO MATCH ADJACENT TILES AS NEEDED. SECURE LOOSE TILES. ASSUME 25 SQ. FT. FOR REPLACEMENT AND/OR REPAIR.
16. (E) EXPOSED GLU–LAM BEAMS AND WOOD DECK – SLOPED CLG. AREA.
17. GYP. BD. SOFFIT – SEE DET. 4/A9.1 TYP.
18. SLOPED SUSP. ACOUST. CLG. – SEE DET. 3/A7.2
19. (E) GYP. BD. CEILING.
20. SLOPED GYP. BD. CLG. SEE DETS. 5 & 6/A9.1–SIM.
21. SLOPED CEM. PLASTER SOFFIT AT ENTRY – SEE EXTERIOR ELEV.
22. CEILING MOUNTED UNIT VENTILATOR. S.M.D.
23. LAY–IN FLUOR. LIGHT FIXTURE – S.E.D.
24. PENDANT MOUNT FLUOR. LIGHT FIXTURE @9'–8 1/2" A.F.F TO BOTTOM OF FIXTURE. – S.E.D.
25. FRAMED GYP. BD. OPENING @ 6'–8" – SEE INT. ELEV.
26. GYP. BD. CLG. @ UNDERSIDE OF STAIRS.
27. EXHAUST REGISTER – S.M.D.
28. PROVIDE 2X CLG. JOIST FOR ANCHORAGE OF CASEWORK BELOW. SEE DET. 15/A9.3
29. SEE HAZ. MAT. DWGS. AND S.M.D. FOR WORK ON FLUES IN THIS AREA.
30. FOR CEILING ANCHORAGE OF TOILET PARTITIONS OR URINAL SCREEN, SEE DET. 4/A9.2. SEE FLOOR PLANS FOR LAYOUT OF PARTITIONS/SCREENS.

SHEET NOTES

1. ALL CEILINGS ARE EXISTING UNLESS OTHERWISE NOTED.
2. FOR LOCATION & EXTENT OF LIGHT FIXTURE WORK, SEE ELEC. DWGS.
3. FOR TYP. SUSP. ACOUST. PANEL CLG. DETAILS SEE DETS. 3,7,8,9 & 10/A9.1
4. CONTRACTOR SHALL COORDINATE SCHEDULING THE REMOVAL AND REPLACEMENT OF (E) ACOUST. CLG. PANELS AS NECESSARY FOR ACCESS FOR (N) ELEC., MECH., & GENERAL ARCHITECTURAL WORK WITH HAZ. MAT. ABATEMENT WORK. SEE HAZ. MAT. ABATEMENT DRAWINGS AND SPECIFICATIONS FOR PROCEDURES REGARDING REMOVAL AND/OR REPLACEMENT OF EXISTING ACOUSTICAL CEILING PANELS.
5. COORDINATE INSTALLATION OF NEW CEILING FINISHES WITH INSTALLATION OF MEW LIGHT FIXTURES, MECHANICAL DUCTS, PLUMBING, ELECTRICAL CONDUITS AND ANY OTHER ELECTRICAL OF MECHANICAL ITEM REQUIRING ACCESS AT CEILING.
6. FOR LOCATIONS OF CEILING SUPPLY AND RETURN AIR DIFFUSERS IN SOFFIT, FASCIA AND CEILING AREAS SEE MECHANICAL DRAWINGS.
7. PATCH (E) GYP. BOARD CEILING AS REQUIRED AFTER INSTALLATION OF MECHANICAL OR ELECTRICAL DUCTS, CONDUITS, VENTS ETC. MATCH ADJACENT SURFACE.
8. FOR ALL EXISTING GYP. BOARD CEILING SURFACES TO BE EXPOSED AFTER DEMOLITION, PATCH ALL SURFACES INCLUDING HOLES, UNEVEN SURFACES OR WHERE WALLS HAVE BEEN REMOVED. PATCH TO MATCH ADJACENT CEILING FOR SMOOTH SURFACE.
9. PROVIDE ACCESS DOORS IN CEILINGS AS REQUIRED FOR MECHANICAL EQUIPMENT W.O.–ACCESS RATED DOORS TO OCCUR AT RATED CEILING CONDITIONS.
10. ALL EXTERIOR EAVE SOFFITS TO BE PAINTED. SEE ROOF PLAN SHEET A2.3 AND EXTERIOR ELEVATIONS SHEETS A3.1 AND A3.2.

2/20/98
A 2 MF
2/20/1998

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■ LEE KARNEY AIA
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☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 3158 EXP. 12/31/99 STATE OF CALIFORNIA

ARCHITECT'S STAMP

CONSULTANT'S STAMP

Oxford Elementary School Modernization

1130 Oxford Street • Berkeley, CA 94707

BERKELEY UNIFIED SCHOOL DISTRICT

SECOND FLOOR & BASEMENT REFLECTED CEILING PLANS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: JC SCALE: 1/8"
CHECKED BY: CG

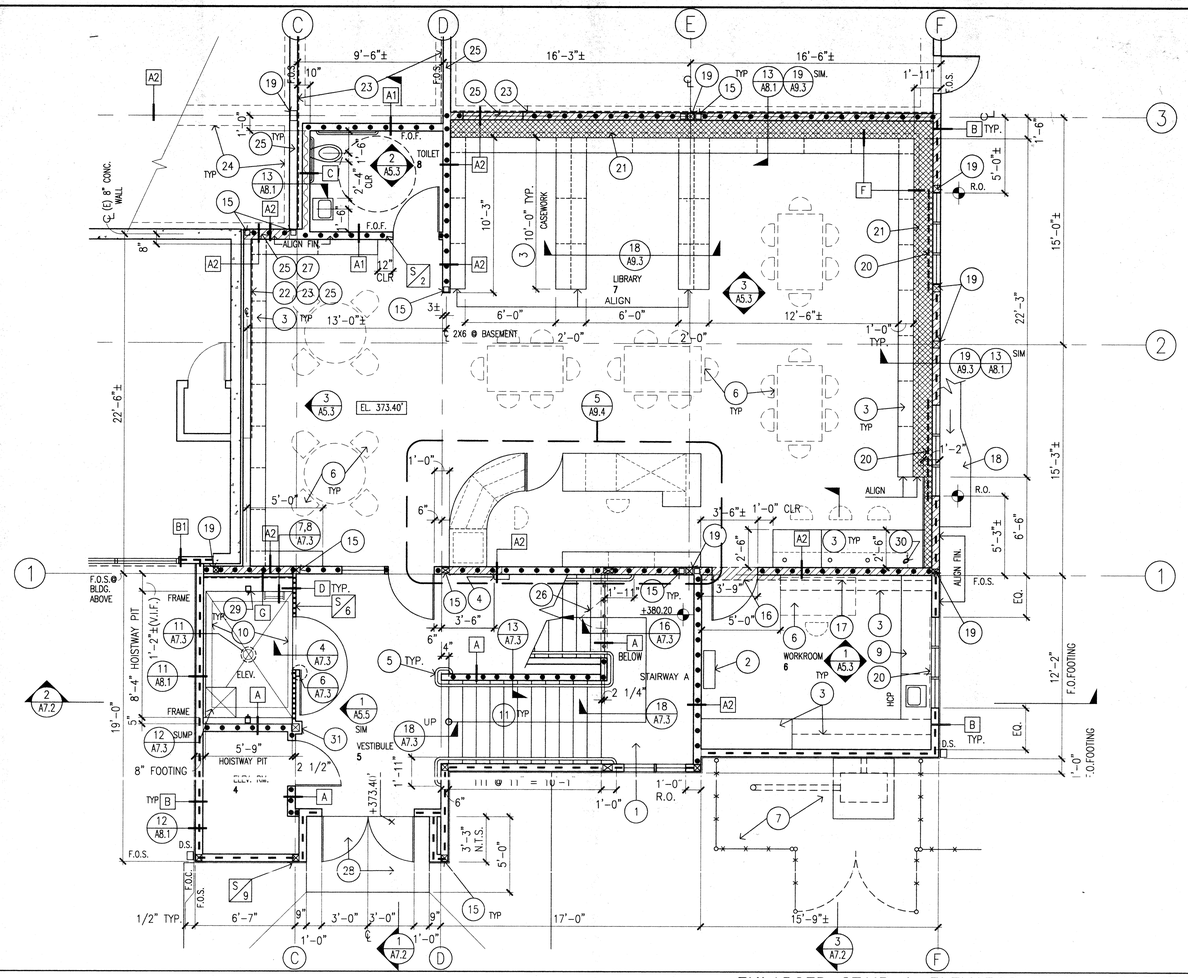
A6.2

JOB NO: 9714 | 19 OF 60 SHEETS

BASEMENT REFLECTED CEILING PLAN – CLASSROOM BUILDING | 1/8" | 2

SECOND FLOOR REFLECTED CEILING PLAN – CLASSROOM BUILDING | 1/8" | 1

PLOT DATE:
JOB NUMBER: F:\A0602.DWG
F:\9714\dofo\A0602.dwg Tue, Feb 17 08:33:23 1998



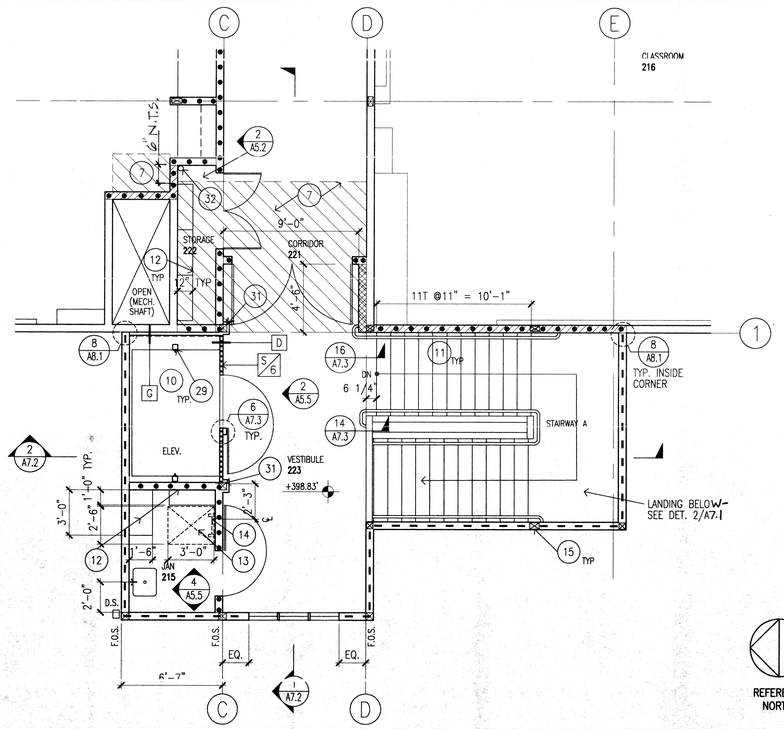
SHEET NOTES

1. SEE FLOOR PLANS, SHTS. A2.1 & A2.2 FOR WALL TYPES, INCLUDING EXISTING WALLS TO REMAIN.
2. ALL EXISTING EXTERIOR STUD WALLS AT BASEMENT/ CRAWL SPACE LEVEL HAVE 2X6 STUDS.
3. SEE ROOM FINISH SCHEDULE SHEET A10.2 FOR ALL INTERIOR WALL, FLOOR, CEILING AND SURFACE FINISHES.
4. SEE ELECTRICAL DRAWINGS FOR LOCATIONS OF ELECTRICAL PANELS, OUTLETS AND LIGHT FIXTURES.
5. SEE MECHANICAL/ PLUMBING DRAWINGS FOR LOCATIONS OF DUCTS, GRILLS, VENTS, PIPING AND MECHANICAL AND PLUMBING FIXTURES/ EQUIPMENT.
6. SEE HAZARDOUS ABATEMENT DRAWING AND SPECS. FOR ABATEMENT OF HAZARDOUS MATERIALS.
7. AFTER DEMOLITION WORK, PATCH ALL EXISTING WALLS AND CEILINGS TO BE EXPOSED. PATCH TO MATCH ADJACENT WALL/ CEILING SURFACE.
8. FOR MOUNTING HEIGHTS OF ALL TOILET ROOM ACCESSORIES AND HANDICAPPED ACCESSIBILITY REQUIREMENTS SEE DETAIL 5/A5.1
9. FOR SIGNS INDICATED ON PLANS SEE SIGN SCHEDULE ON SHEET A10.3
10. NEW FLOOR DRAINS IN TOILET AREAS ARE AS INDICATED ON PLUMBING DRAWINGS.
11. INFILL EXISTING OPENINGS AS INDICATED. SURFACE FINISH OF BOTH SIDES OF INFILL AREA TO ALIGN AND MATCH ADJACENT WALL FINISH.
12. FIELD VERIFY DIMENSIONS FOR NEW OPENINGS IN WALLS FOR NEW DOORS, WINDOWS, LOUVERS AND OTHER WALL PENETRATIONS AS REQUIRED.
13. SEE FLOOR PLANS SHEET A2.1 AND A2.2 FOR DOOR NUMBERS, WINDOWS AND LOUVER KEYS.
14. S.E.D. FOR GFI OUTLET, LIGHT FIXTURE AND SWITCH IN ELEVATOR PIT.
15. IF DRILLED HOLE COLLAPSES DUE TO WATER LEVEL OF SOILS CONDITIONS, USE STEEL DRIVE CASING.
16. ROOM 4 IS DEDICATED FOR ELEVATOR EQUIPMENT.
17. ELEVATOR SHAFT TO BE A COMPLETE 1 HOUR RATED ASSEMBLY. SEE WALL TYPES SHEET A9.1
18. MANUFACTURER SHALL SUBMIT FOR THE ARCHITECT'S REVIEW AND ACCEPTANCE AND FOR APPROVAL BY THE STRUCTURAL SAFETY SECTION, OFFICE OF THE STATE ARCHITECT, CALCULATIONS, DESIGN DRAWINGS SHOWING MEMBER SIZE AND CONNECTION DETAILS AND SPECIFICATION FOR ELEVATOR DEMOSTRATING COMPLIANCE WITH TITLE 24, CAC.
19. FOR CONCRETE ELEVATOR PIT AND SUMP PUMP PIT SEE STRUCTURAL DRAWINGS.
20. BASEMENT LEVEL TO HAVE NEW 5" SLAB ON GRADE TYP. U.O.N. – S.S.D.
21. FOR ELEVATOR VENT SEE ROOF PLAN SHEET A2.3
22. ELEVATOR TO CONFORM TO ADA AND CBC TITLE 24 REQUIREMENTS. FOR INSIDE CLEAR DIMENSIONS OF CAR AND ENTRANCE OPENINGS SEE DETAIL 19/A7.3. FOR ELEVATOR CONTROLS SEE DETAIL 9/A7.3. FOR HANDRAIL AND CAR FINISHES SEE DETAIL 10/A7.3.

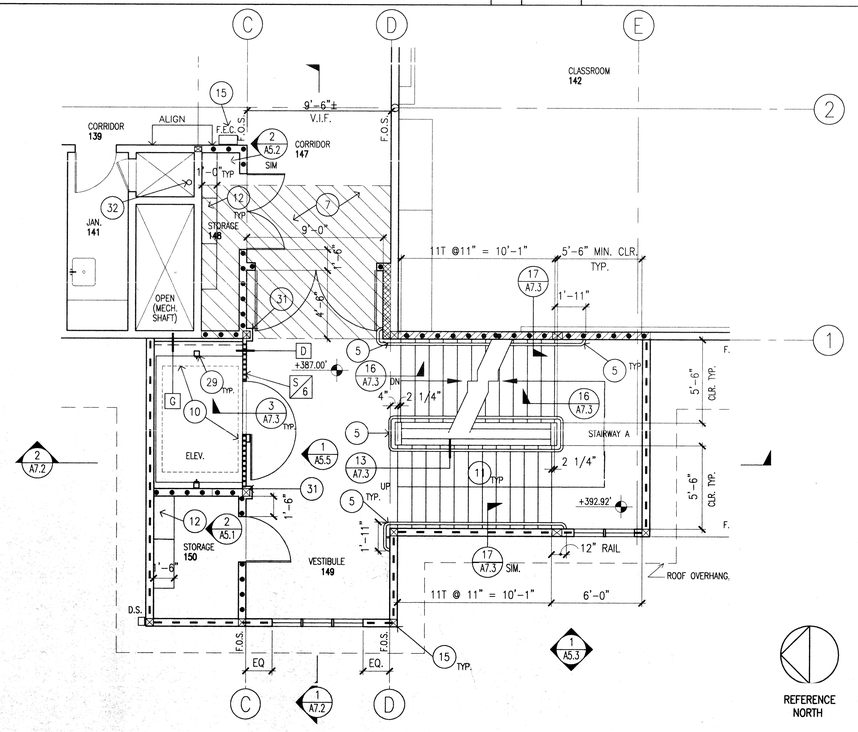
KEY NOTES

1. ENCLOSED SPACE UNDER STAIR.
2. UNIT VENTILATOR OR WALL CONVECTOR. S.M.D.
3. CASEWORK, SEE INTERIOR ELEVATIONS.
4. FIRE EXTINGUISHER CABINET.
5. METAL PIPE HANDRAIL, PAINTED, AT STAIRS. SEE DET. 12/A9.3.
6. FURNITURE (SHOWN DASHED LINE) N.I.C.
7. AREA OF FLOOR INFILL FRAMING S.S.D. FLOOR SUBSTRATE TO BE LEVEL W/ (E) FOR SMOOTH FLOOR FINISH.
8. GAS METER & ENCLOSURE. SEE SITE PLAN A1.0.
9. BASE CABINET & SINK. SEE INTERIOR ELEVATIONS.
10. 3-STOP ELEVATOR – SEE SHEET NOTE 22.
11. CONTRASTING STRIPING AT INTERIOR STAIR TREADS. (TOP AND BOTTOM). SEE DET. 12/A9.3 SIM.
12. METAL SHELVING
13. ROOF HATCH. SEE DET. 5/A8.2
14. ACCESS LADDER. SEE DET. 5&6/A8.2
15. POST OR COL. IN WALL, S.S.D.
16. EXTENT OF (E) CONC. FOUNDATION CURB REMOVAL. WHERE CONC. CURB IS REMOVED, BREAK OBSTRUCTION BELOW FIN. FLR. AND LEVEL W/ CEMENTITIOUS UNDERLAYMENT FOR SMOOTH CONC. SUBFLOOR FINISH.
17. EXTENT OF (E) CONC. FOUNDATION CURB TO REMAIN.
18. (E) CONC. SWALE
19. (E) WOOD POST TO REMAIN
20. PROVIDE HORIZONTAL LOUVER BLINDS @ WINDOW
21. LINE OF CONC. FOUNDATION UNDERPINNING-S.S.D. FOR EXTENT OF WORK.
22. (N) GYP. BD. FINISH INFILL TO ALIGN AND MATCH (E) ADJ. FINISH.
23. PLYWD. SHEATHING TO REMAIN
24. (E) CONC. FTG. OR GRADE BEAM, S.S.D.
25. (E) 2X6 STUDWALL
26. 22"X30" ACCESS PANEL
27. FURR OUT (E) WALL AS REQUIRED TO ALIGN W/ FINISH OF ADJACENT TOILET ROOM WALL.
28. CONC. LANDING SLOPE 1/8" PER FT. TO DRAIN AWAY FROM BUILDING
29. ELEVATOR GUIDE RAIL AND SUPPORT – S.S.D.
30. WIRE MANAGEMENT GROMMET AT OPEN COUNTER – TYP.
31. FURR OUT AROUND 6x6 POST
32. FIRE SPRINKLER RISER – S.P.D.

ENLARGED STAIR & ELEVATOR PLAN: BASEMENT FLOOR | 1/4" | 1



ENLARGED STAIR & ELEVATOR PLAN: SECOND FLOOR | 1/4" | 3



ENLARGED STAIR & ELEVATOR PLAN: FIRST FLOOR | 1/4" | 2

501 14TH STREET,
SUITE 300
OAKLAND, CA 94612
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- ☐ IL KWON CHA AIA
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- ☐ FRANZ STEINER AIA
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1130 Oxford Street. • Berkeley, CA 94707

BERKELEY UNIFIED SCHOOL DISTRICT

ENLARGED STAIR & ELEVATOR PLANS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: JC SCALE: 1/4"
CHECKED BY: CG

A7.1

JOB NO: 9714 | 20 OF 60 SHEETS

SC148
A 9 WF
2/20/1998

PLOT DATE:
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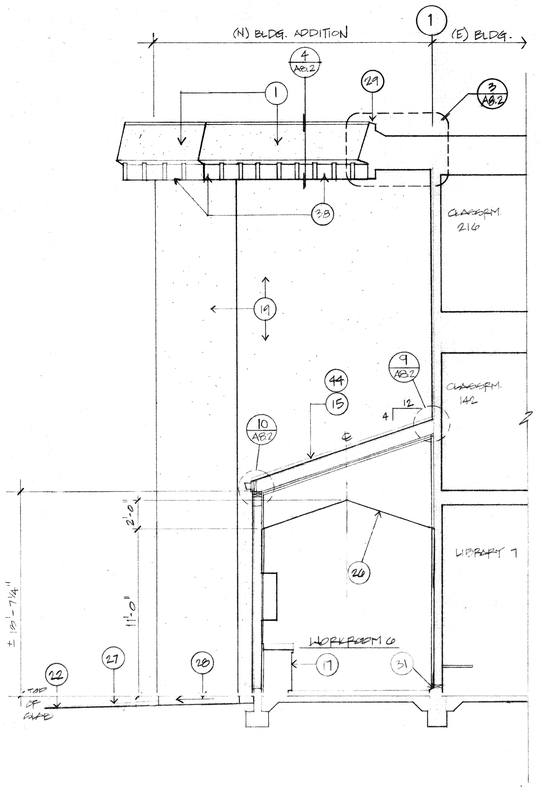
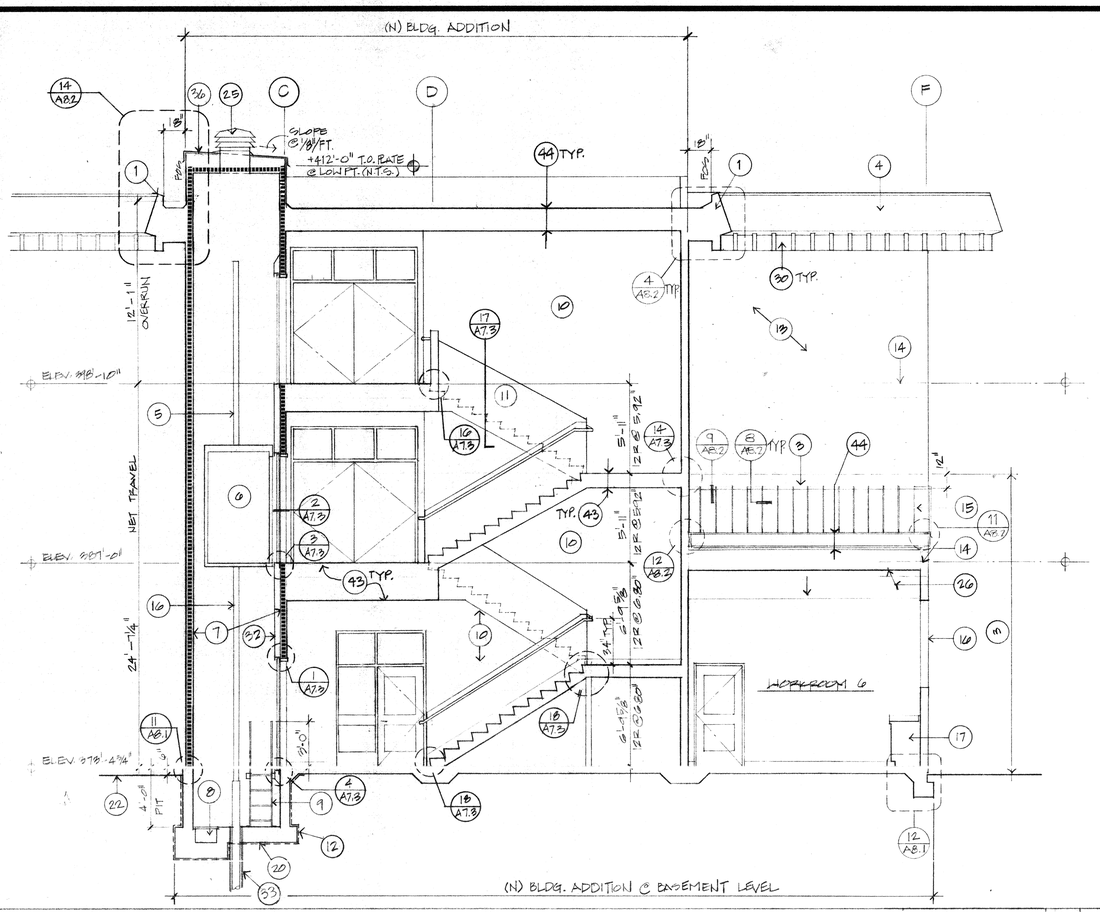
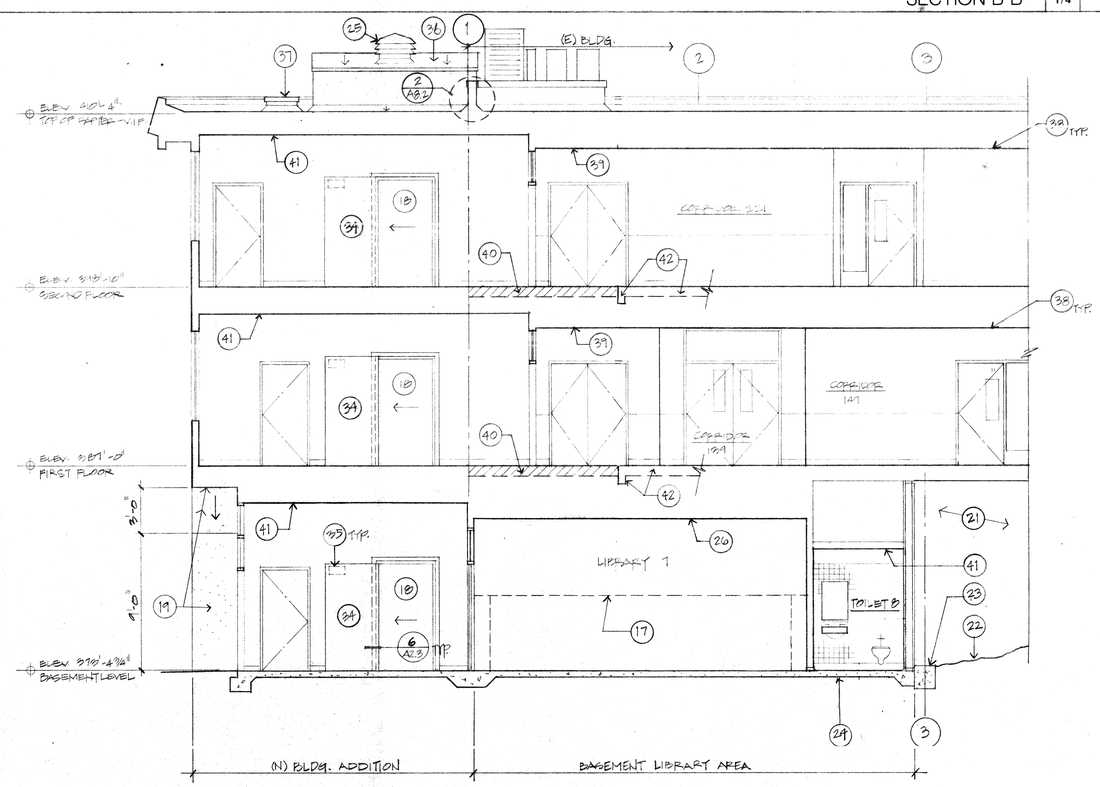


SECTION C-C | 1/4" | 3



SECTION B-B | 1/4" | 2



SECTION A-A | 1/4" | 1

KEY NOTES

1. CLASSROOM BLDG. ADDITION FASCIA TO MATCH EXISTING ADJACENT. SEE DET. 4/A8.2
2. ELEVATOR SHAFT ROOF - SLOPE TO DRAIN. 1/8"/FT MIN. SEE ROOF PLAN
3. REMOVE EXISTING GRICCO BAR (N) BLDG ADDITION W/MTL. ROOF PATCH TO MATCH ADJACENT
4. (E) CEMENT PLASTER FASCIA
5. ELEVATOR SHAFT RAIL
6. ELEVATOR CAB - SEE DTL. 9 & 10/A7.3
7. ELEVATOR SHAFT - 1 HR. CONSTRUCTION SEE WALL TYPES
8. SUMP PIT, SEE DTL. 12/A7.3
9. PIT LADDER - SEE DETAILS 7, 8/A7.3
10. GYP. BD. FINISH, PAINTED
11. GYP. BD. STAFF RAIL/WALL, PAINTED
12. SOLITE II TE WATERPROOFING
13. EXISTING CEMENT PLASTER WALL
14. EXISTING PINCHED PLR. BEYOND
15. STANDING SEAM MTL. ROOF
16. ELEVATOR SHAFT PLUNGER, SEE 11/A7.3
17. CABINET - SEE INTERIOR ELEVATIONS
18. ELEVATOR DOOR, FOR OPENING SEE 8/A7.3
19. CEMENT PLASTER FIN., PAINTED
20. ELEVATOR PIT - S.S.D.
21. DRAIN - SEE
22. GRADE, VARIES
23. EXISTING GRADE BEAM
24. CONC. SLAB - S.S.D.
25. ELEVATOR SHAFT VENT
26. CLOSED JOINT ACOUSTICAL PANEL CEILING SEE REFLECTED CLG. PLANS
27. SPACE BEYOND
28. SLOPE SPACE
29. EXISTING EAVE
30. (E) WD. TRIM AT FASCIA
31. EXPOSED CONC. CURB
32. METAL FASCIA PANELS
33. PLASTIC LINER
34. ELEV. DR. OUTER DOOR
35. ELEVATOR OUTER DOOR, HOLD OPEN
36. ELEVATOR SHAFT ROOF
37. ROOF HATCH - SEE DET. 5/A8.2
38. WD. TRIM @ (N) FASCIA TO MATCH (E)
39. INFILL ACOUST. CLG. PANEL SYSTEM TO MATCH (E).
40. AREA OF (N) FLOOR INFILL FRAMING @ 1ST & 2ND FLOOR CORRIDORS - SEE FLOOR PLANS
41. FURRED GYP. BD. CLG. - SEE REFLECTED CLG. PLAN
42. (E) HEADER & 2x8's @ (E) CORRIDOR FLOOR FRAMING
43. FLOOR ASSEMBLY SHALL BE 1-HOUR FIRE RATED PER UL DESIGN NO. L512, SYSTEM NO. 2.
44. ROOF ASSEMBLY SHALL BE 1-HOUR FIRE RATED PER G.A. FILE NO. RC 2601.

..... ONE HOUR CONSTRUCTION

FLOOR ASSEMBLY

Design No. L512
Unrestrained Assembly Rating—1 Hr.
Finish Rating—21 Min.

1, 2, 3. Flooring Systems—The finish flooring (Item 1), vapor barrier (Item 2), and subflooring (Item 3), may consist of any one of the following systems:

System No. 2

Finish Flooring—Floor Topping Mixture*—6 gal max of water to 100 lbs. of floor topping mixture. Compressive strength to be 2000 psi min. Thickness to be 3/4 in. min.
United States Gypsum Co.—Type F.

Vapor Barrier—(Optional)—Commercial asphalt saturated felt, 0.030 in. thick.

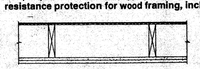
Subflooring—19/32 in. thick plywood min. grade "C-D" Exposure 1 or "C-D" with exterior glue conforming with PS 1-83 specifications. Face grain of plywood to be perpendicular to joists with joints staggered.

ROOF ASSEMBLY

GA FILE NO. RC 2601 | 1 HOUR FIRE

GYPSUM BOARD, WOOD JOISTS, ROOF COVERING

Base layer 5/8" type X gypsum wallboard applied at right angles to 2 x 10 wood joists 24" o.c. with 1 1/4" Type W or S drywall screws 24" o.c. **Face** layer 5/8" type X gypsum wallboard or veneer base applied at right angles to joists through **base** layer with 1 7/8" Type S drywall screws 12" o.c. at joints and intermediate joists. **Face** layer joints offset 24" from **base** layer joints. 1 1/2" Type G drywall screws placed 2" back on either side of **face** layer end joints, 12" o.c. 1/2" plywood with exterior glue applied at right angles to top of joists with 8d nails. Appropriate roof covering. **Ceiling provides one hour fire resistance protection for wood framing, including trusses.**



Approx. Ceiling Weight: 5 psf
Fire Test: FM FC 172, 2-25-72

VBN ARCHITECTS
501 14TH STREET,
SUITE 300
OAKLAND, CA 94612
TELEPHONE (510)763-1313
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BERKELEY UNIFIED SCHOOL DISTRICT

SECTIONS

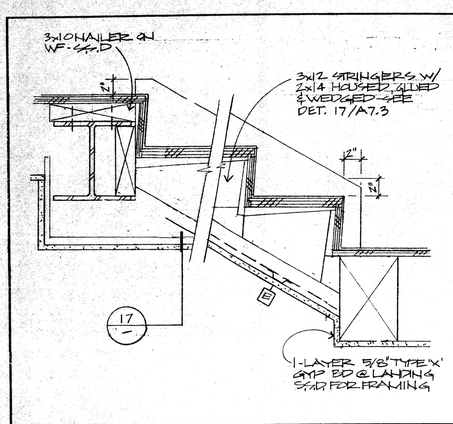
DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: V.Y. SCALE: 1/4"
CHECKED BY: C.G.

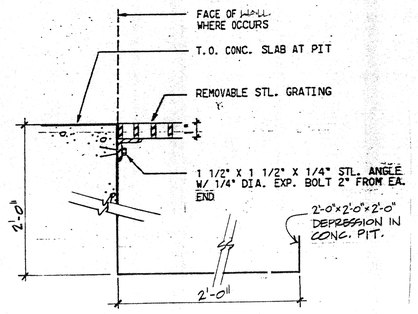
A7.2

JOB NO: 9714 | 21 OF 60 SHEETS

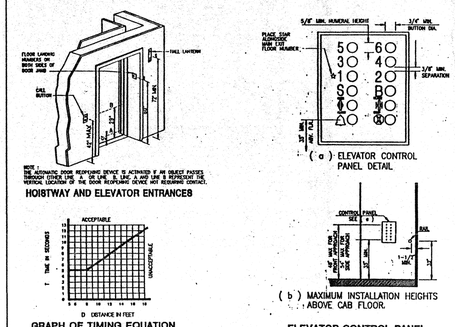
Q.C. 1A6
A 2/20/1998 WF



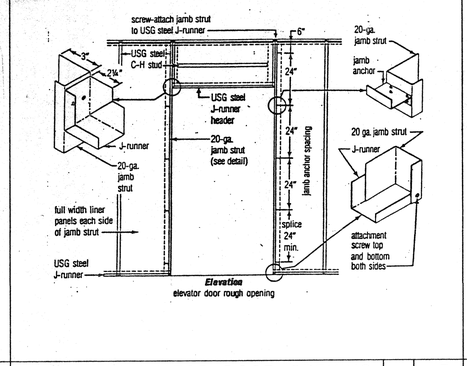
STAIR SECTION @ HEAD | 1-1/2" | 16



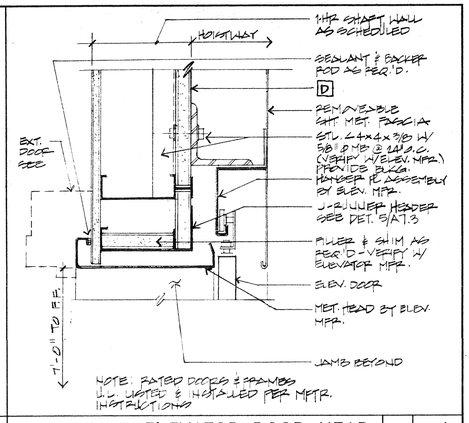
GRATING AT SUMP PIT | 3" | 12



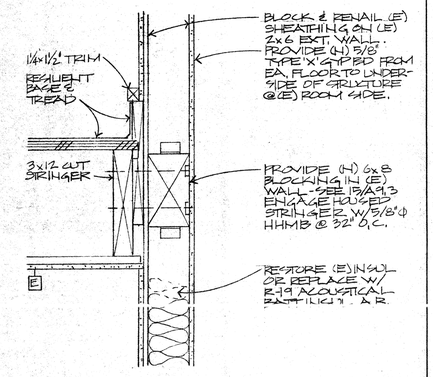
ELEVATOR CONTROLS DETAIL | NTS | 9



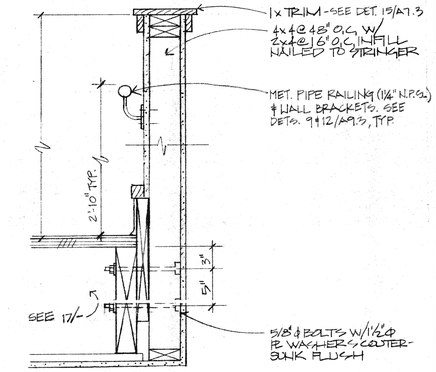
ELEVATOR DOOR OPENING | NTS | 5



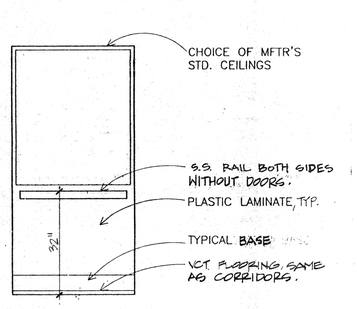
ELEVATOR DOOR HEAD | 3" | 1



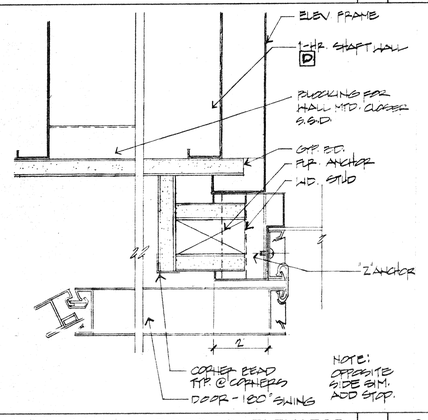
STAIR STRINGERS | 1-1/2" | 17



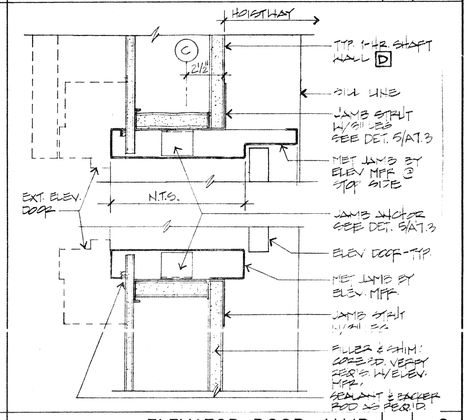
STAIR GUARDRAIL | 1-1/2" | 13



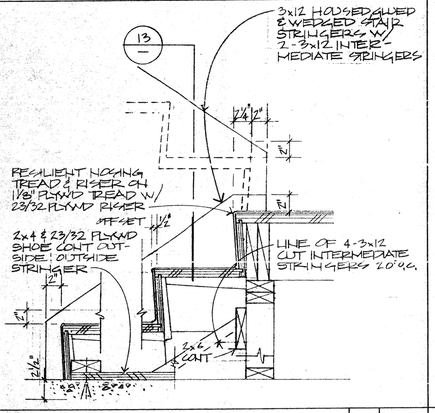
ELEVATOR CAB DETAIL | NTS | 10



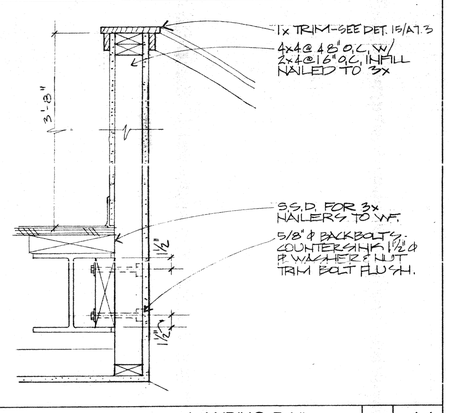
DOOR @ ELEVATOR | NTS | 6



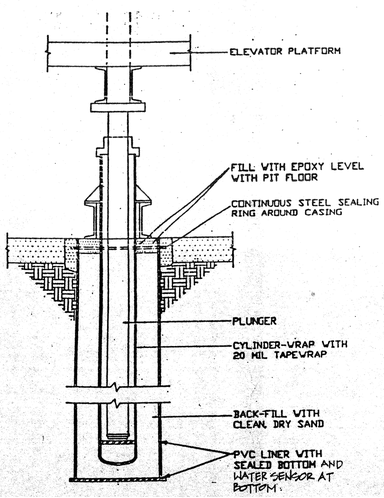
ELEVATOR DOOR JAMB | 3" | 2



STAIR FOOT & LANDING | 1-1/2" | 18



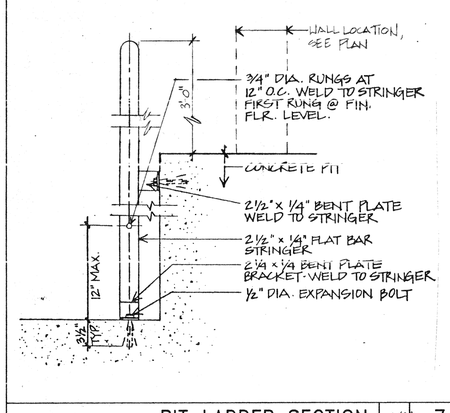
LANDING RAIL | 1-1/2" | 14



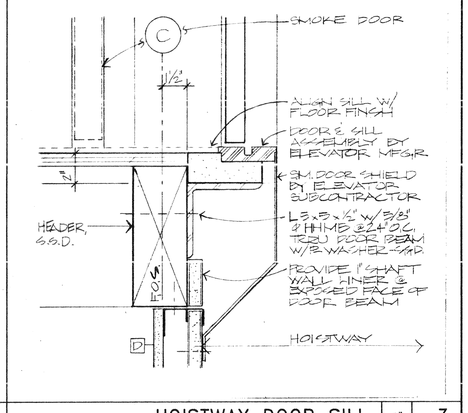
ELEVATOR NOTES:

1. SEE 2/A12 FOR FULL ELEVATOR SECTION
2. ROOM 4 IS DEDICATED FOR ELEVATOR EQUIPMENT
3. ELEVATOR SHAFT IS TO BE FULLY ENCLOSED WITH A 1 HOUR FIRE RATED ASSEMBLY, FULL HEIGHT.
4. IF DRILLED HOLE COLLAPSES DUE TO WATER LEVEL, PROVIDE STEEL DRIVE CASING.

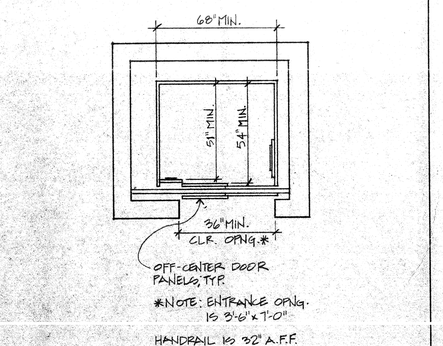
ELEVATOR PLUNGER | NTS | 11



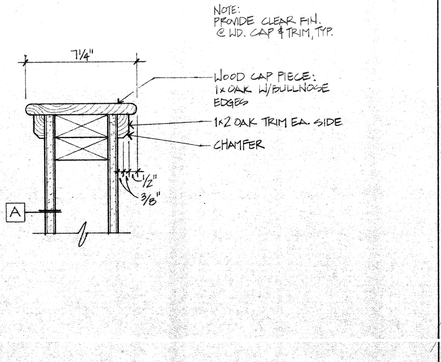
PIT LADDER SECTION | 1-1/2" | 7



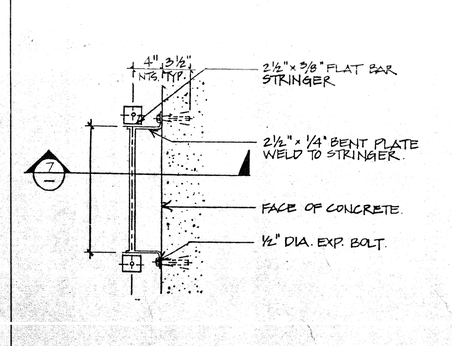
HOISTWAY DOOR SILL | 3" | 3



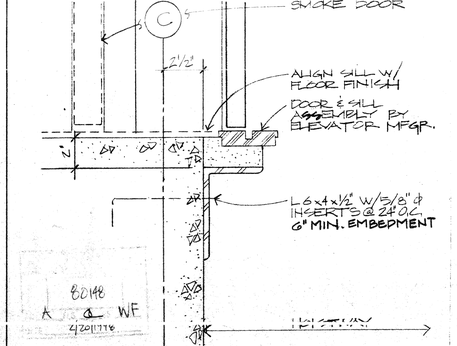
ELEVATOR CAR DIMENSIONS | N.T.S. | 19



WOOD CAP @ LOW WALL | 3" | 15



PIT LADDER PLAN | 1-1/2" | 8



HOISTWAY DOOR SILL @ PIT | 3" | 4

PLOT DATE:
F:\ A0903.DWG
JOB NUMBER:

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☐ ELIEZER M. NAOR AIA

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ARCHITECT'S STAMP

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Oxford Elementary School Modernization

1130 Oxford Street • Berkeley, CA 94707

BERKELEY UNIFIED SCHOOL DISTRICT

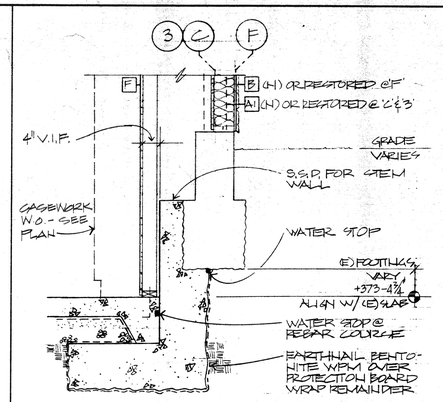
STAIR AND ELEVATOR DETAILS

DATE	ISSUE	REV.
2/23/98	BID SET	

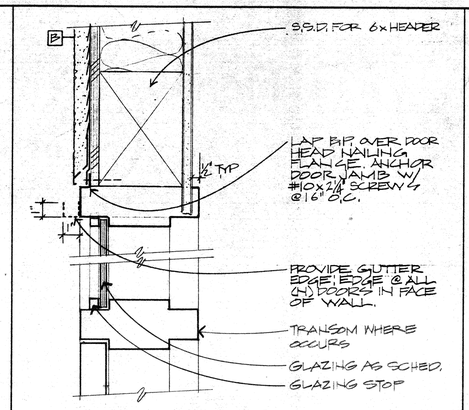
DRAWN BY: CHECKED BY: DONE:

A7.3

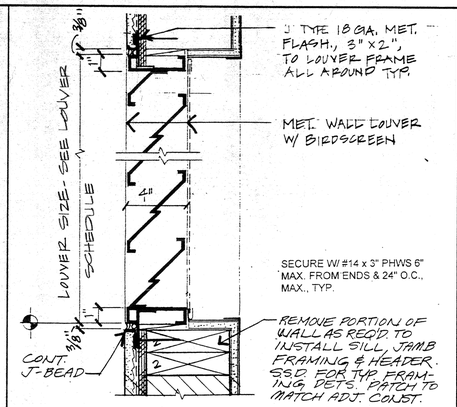
JOB NO: 9714 | 22 OF 60 SHEETS



17 | FOUNDATION WATERPROOFING | 3/4" | 13



TRANSOM/DOOR HEAD | 3" | 9



MET. WALL LOUVER | 3" | 5

FOR PORTLAND CEMENT PLASTER WALL AND PENETRATING FIXTURES

Section 1407.A of the California Building Code states *Exterior openings exposed to the weather shall be flashed in such a manner as to make them weatherproof.* The following procedure is recommended to achieve this intent in the flashing of penetrations to include, but not limited to, windows, doors, vents, etc.

Penetration Flashing Material

Material for flashing shall be barrier coated reinforced flashing material and shall provide for 4-hour minimum protection from water penetration when tested in accordance with ASTM D 779. Flashing material shall carry continuous identification. Sealant shall be Buris to comply with Fed. Spec. TT-S-1657.

Application

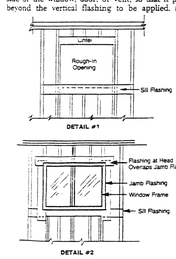
To flash penetrations, a strip of approved flashing material at least nine inches wide must be applied in weatherboard fashion around all openings. Apply the first strip horizontally immediately underneath the sill, cut it sufficiently long to extend past each side of the window, door, or vent, so that it projects beyond the vertical flashing to be applied. (Detail #1) Fasten the top edge of the first segment to the wall, but do not secure the body and lower edge of the first horizontal strip, so the weather resistant building paper applied later may be slipped up and underneath the bottom flashing in weatherboard fashion. In the case of low-set windows, apply approved paper the full height from the bottom of the plate line to the bottom of the window sill when the window is flashed.

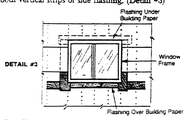
Next, apply the two vertical side sections of flashing. Cut the side sections sufficiently long to extend the width of the flashing above the top of the window and the same distance below the window. Apply the side sections over the bottom strip of flashing. (Detail #2)

The penetrating fixture then is installed by pressing the nailing flange positively into a continuous bead of sealant which extends around the bottom and vertical perimeter of the inserted fixture.

NOTE: The continuous bead of sealant that is applied to the underneath side of the nailing flange of windows, doors, and vents is not to be construed as a substitute for flashing.

Apply the top horizontal section of flashing last, overlapping and sealed against the full height of the outer face of the top nailing flange with a continuous bead of sealant. Cut the top piece of flashing sufficiently long so that it will extend to the outer edge of both vertical strips of side flashing. (Detail #3)



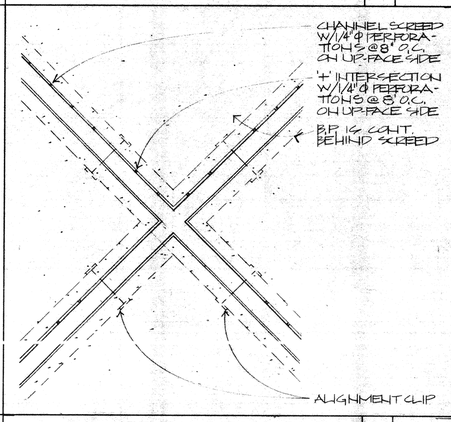


Installation of Exterior Plaster weather resistant paper underlayment to complete acceptable penetration flashing.

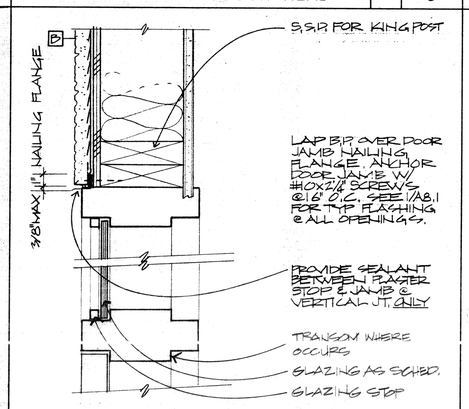
Commence at the bottom of the wall and overlapping the weep screed flange lay the approved weather resistant paper up the wall, overlapping 3" min. in weatherboard fashion. Be sure that A is placed under the sill strip flashing.

NOTE: These recommendations are based on extensive experience and are not in any way intended to imply guarantees

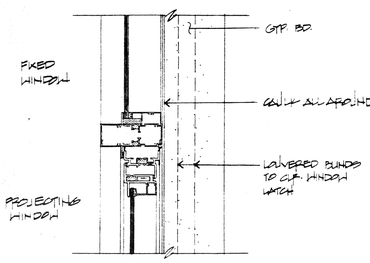
FLASHING @ WINDOW | NTS | 1



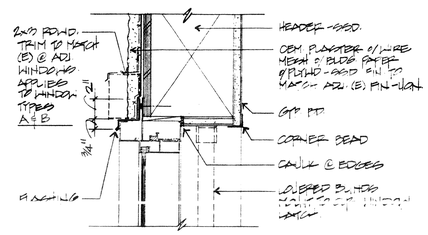
18 | ALUM. REVEAL INTERSECTION | 3" | 14



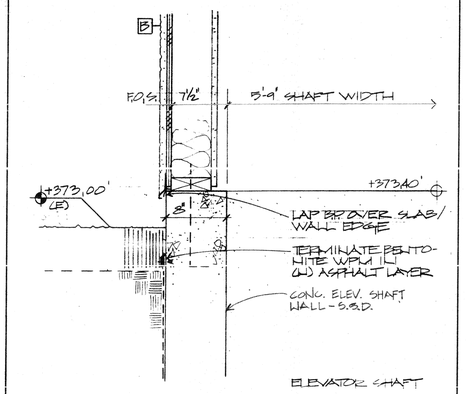
TRANSOM/DOOR JAMB | 3" | 10



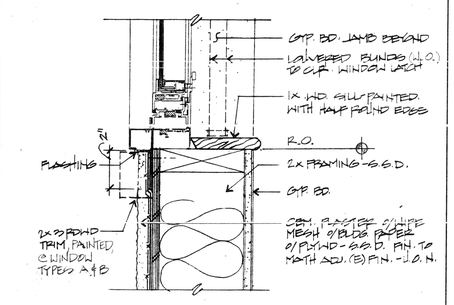
MULLION @ WINDOW | 3" | 6



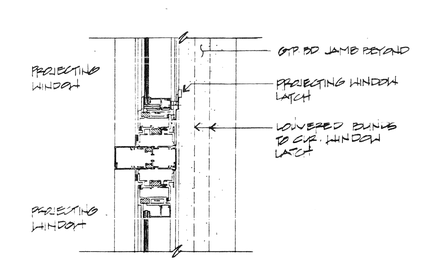
HEAD @ NEW WINDOW | 3" | 2



19 | | 15 | WALL @ SHAFT | 1-1/2" | 11

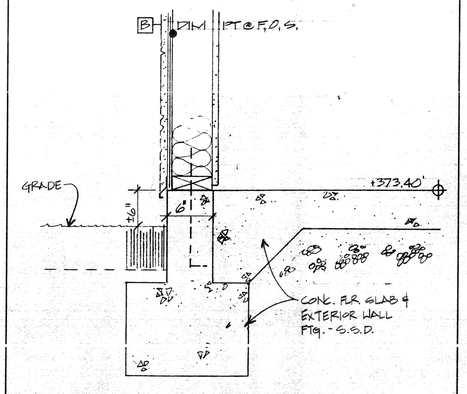


SILL @ WINDOW | 3" | 7

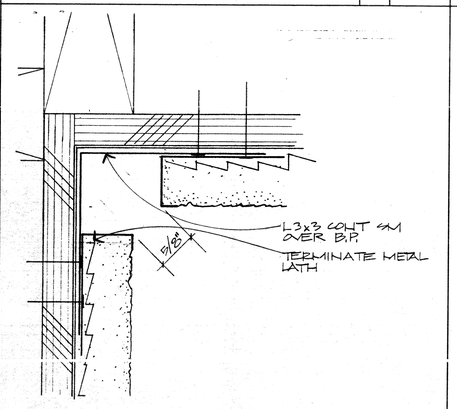


MULLION @ PROJECTING WINDOW | 3" | 3

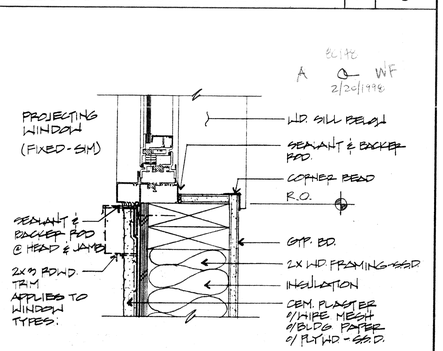
20 | | 16 | WALL @ S.O.G. | 1-1/2" | 12



INSIDE CORNER | FULL | 8



JAMB @ (N) WINDOW | 3" | 4



PLOT DATE:
JOB NUMBER: A0801.DWG
F:\ 1971.4\cv1\A0801.dwg Fri Nov 21 14:31:30 1997

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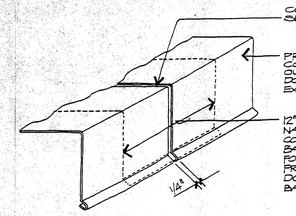
2/23/98	BID SET	

DRAWN BY: SCALE:
CHECKED BY:

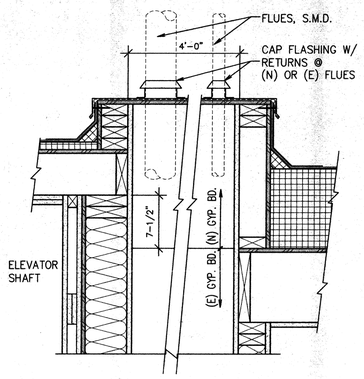
A8.1

JOB NO: 9714 | 23 OF 60 SHEETS

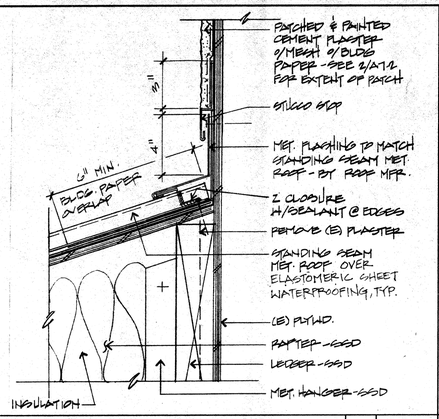


TYP. COPING (OR FASCIA)

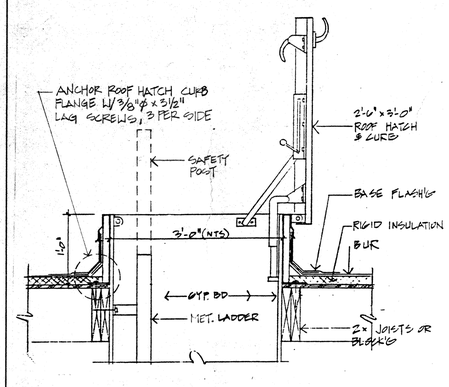
JOINT SYSTEM	NTS	17



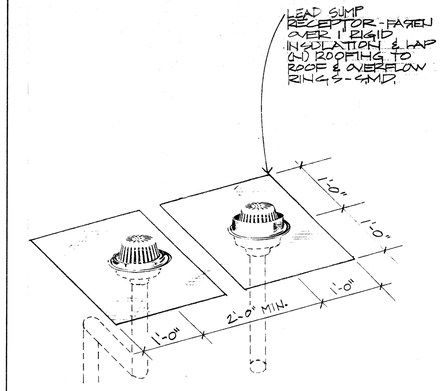
ROOF FLUE	1-½"	13



(N) METAL ROOF @ (E) WALL	3"	9

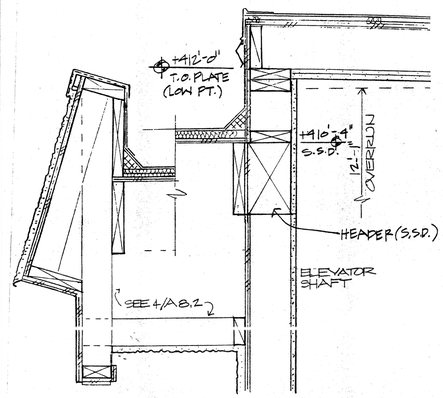


ROOF HATCH & LADDER	NTS	5

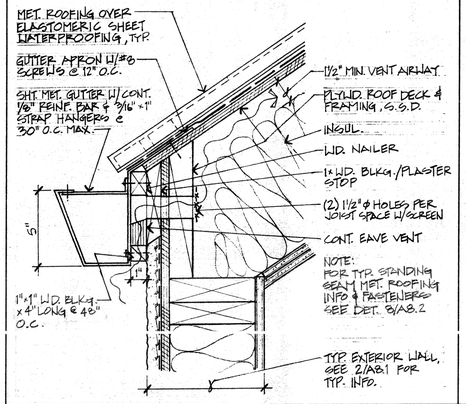


SUMP RECEPTOR	1"	1

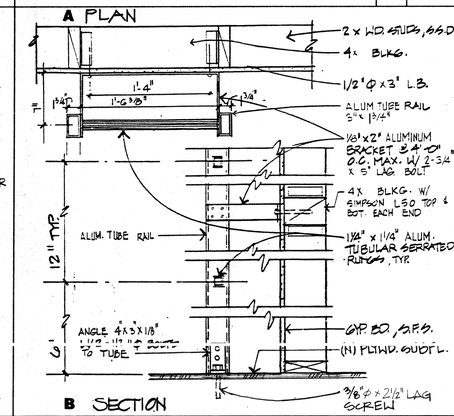
		18



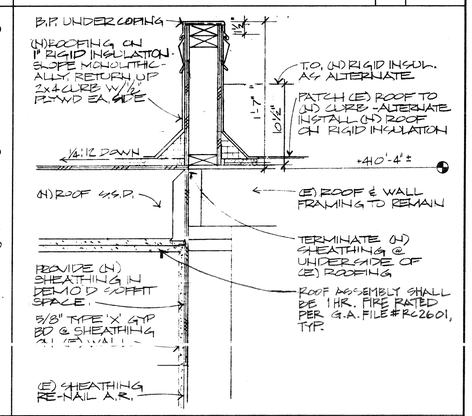
ELEVATOR SHAFT @ FASCIA	1-½"	14



METAL ROOFING EAVE/GUTTER	3"	10

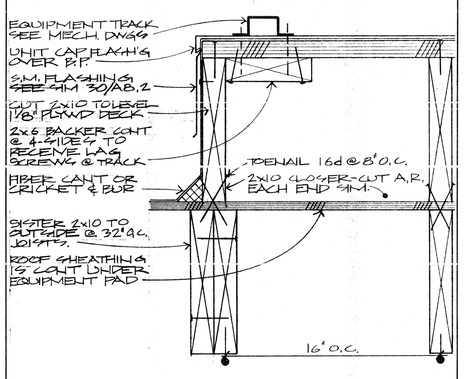


LADDER	1-1/2"	6

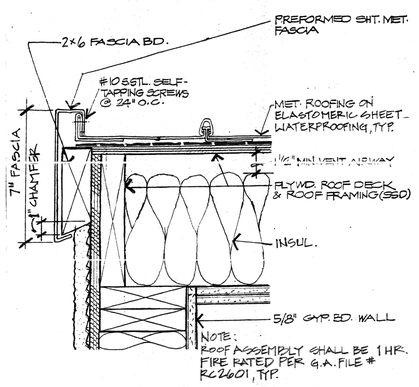


CURB @ (N) ROOF	1-1/2"	2

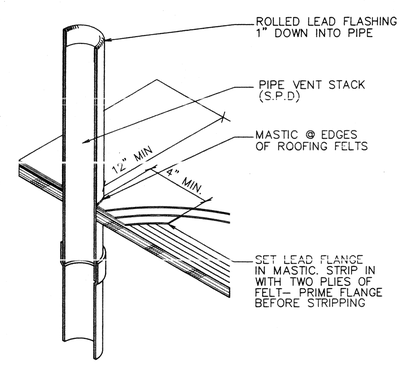
		19



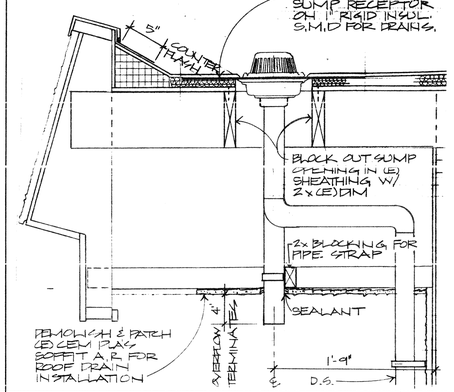
EQUIPMENT PAD	1-½"	15



METAL ROOFING FASCIA/RAKE	3"	11

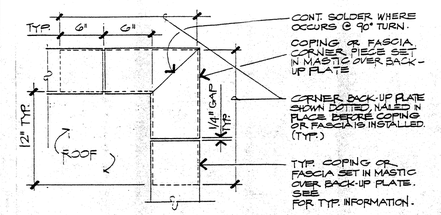


TYP. PLUMBING VENT FLASHING	NTS	7



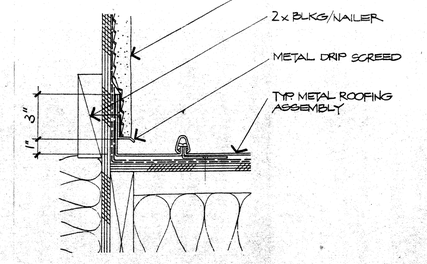
ROOF DRAIN SECTION	1-1/2"	3

		20

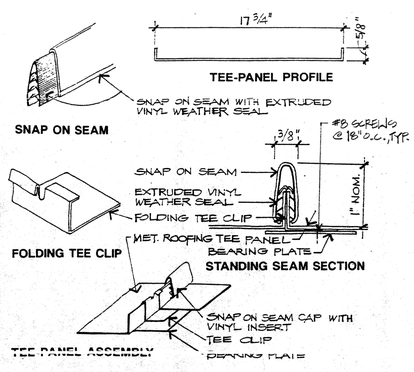


TYP. FLASHING JOINT SYSTEM

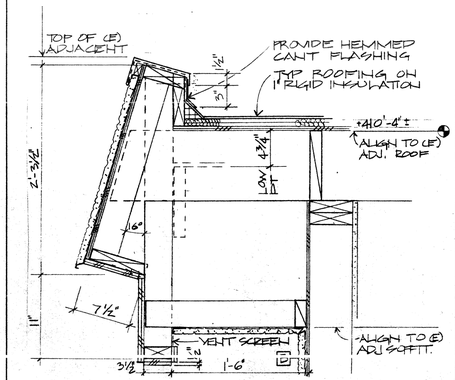
@ CORNER	NTS	16



METAL ROOFING ROOF TO WALL	3"	12



TYP. STANDING SEAM MET. ROOFING	NTS	8



ROOF FASCIA	1-1/2"	4

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LICENSED ARCHITECT LEE KARNEY C 3158 EXP: 12/31/99 STATE OF CALIFORNIA

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BERKELEY UNIFIED SCHOOL DISTRICT

Ec14B A Q WF 2/24/1998

EXTERIOR DETAILS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: CHECKED BY: SCALE:

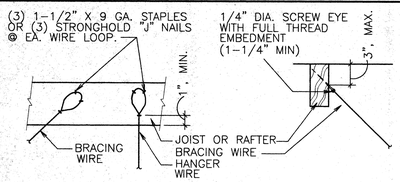
A8.2

JOB NO: 9714 | 24 OF 60 SHEETS

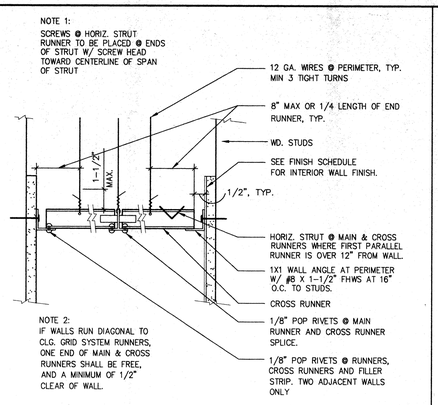
PLOT DATE: 02/24/98

JOB NUMBER: F:\ A0802.DWG

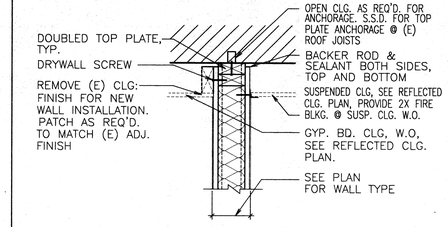
F:\9714\dv10\A0802.dwg Fri Nov 21 13:37:00 1997



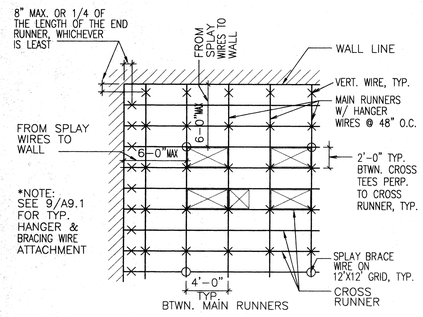
DIAGONAL BRACING — NTS — 7



SUSP. CLG. PERIMETER — NTS — 3



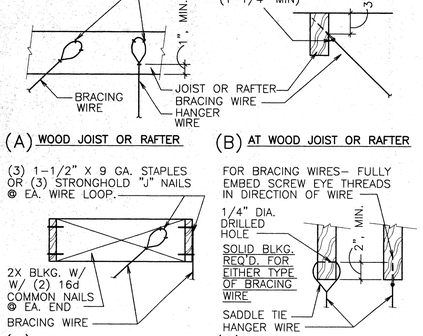
TYP. WALL @ CEILING — 1 1/2" — 1



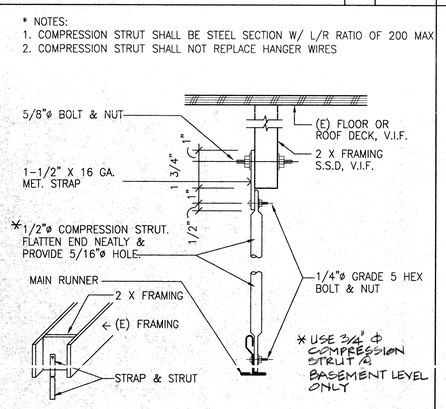
CLASSIFICATION OF CEILING GRID

CLASSIFICATION OF CEILING GRID IS HEAVY DUTY
MANUFACTURER'S CATALOG #- MAIN RUNNER- CHICAGO METAL CORP.1870
MANUFACTURER'S CATALOG #- CROSS RUNNER- CHICAGO METAL CORP. 1874
SEE MANUFACTURERS' CATALOG FOR DETAIL OF RUNNER SPLICE

GRID LAYOUT — NTS — 8

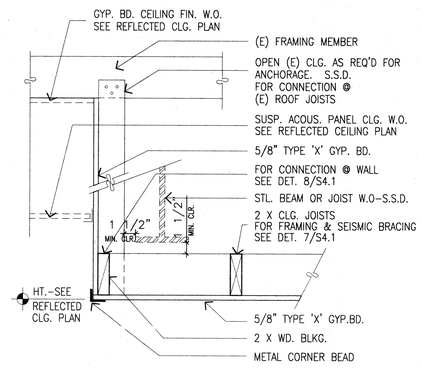


SEISMIC BRACING — NTS — 9

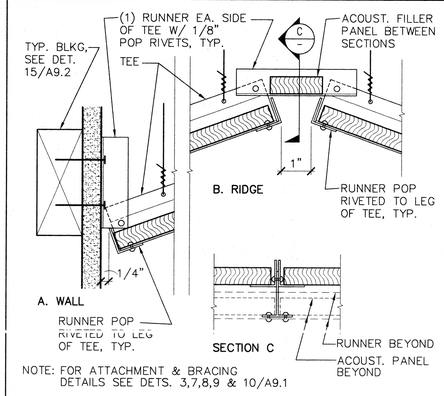


TYP. ATTACHMENT TO JOIST — 3" — 10

GYP. BD. CEILING FIN. W.O. SEE REFLECTED CLG. PLAN



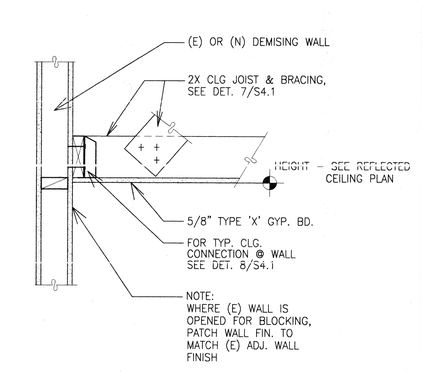
SUSP. CLG. PERIMETER — NTS — 3



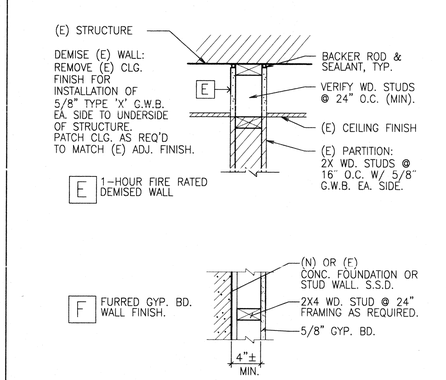
NOTE: FOR ATTACHMENT & BRACING DETAILS SEE DETS. 3,7,8,9 & 10/A9.1

TYP. WALL @ CEILING — 1 1/2" — 1

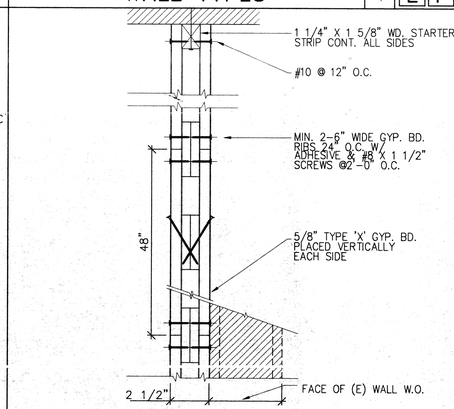
GYP. BD. SOFFIT — 1 1/2" — 4



FURRED CEILING — 1 1/2" — 5

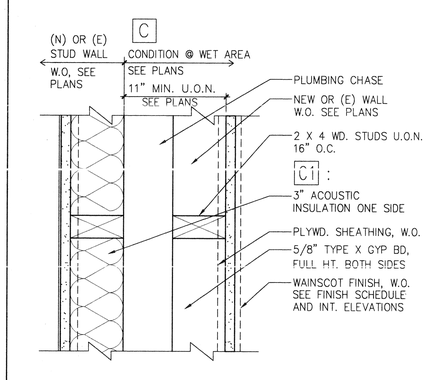


WALL TYPES — 1-1/2" — E F

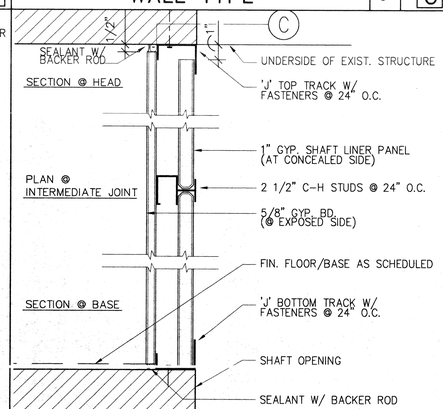


1HR RATED NONBEARING WALL — 3" — G

(N) OR (E) STUD WALL — C — CONDITION @ WET AREA

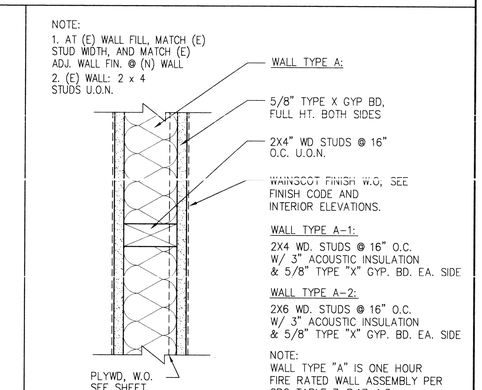


WALL TYPE — C

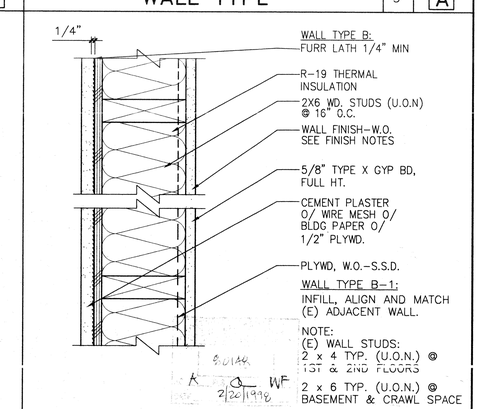


1-HR RATED SHAFT WALL — 3" — D

NOTE:
1. AT (E) WALL FILL, MATCH (E) STUD WIDTH, AND MATCH (E) ADJ. WALL FIN. @ (N) WALL
2. (E) WALL: 2 x 4 STUDS U.O.N.



WALL TYPE — A



WALL TYPE — B

WALL TYPES

KEY	SYMBOL	TYPE	DESCRIPTION
A		ONE-HOUR FIRE RATED WALL	AT 1 HOUR WALL, CONSTRUCTION MUST BE AS FOLLOWS: A= 2"X4" OR 2"X6" WOOD STUDS MAX. 24" O.C., W/ 5/8" TYPE "X" GYPSUM WALL BOARD APPLIED VERTICALLY OR HORIZONTALLY, FULL HT. BOTH SIDES, NAILED W/ 6d COOLER OR WALLBOARD NAILS @ 7" O.C., W/ END JOINTS ON NAILING MEMBERS. STAGGER JOINTS EA. SIDE UBC TABLE 7-A ITEM 17-13 & CBC TABLE 7-B.17-1.3 FULL HEIGHT WALL - SEE DETAIL 1/A9.1
B		EXTERIOR WALL	PER CBC TABLE 7-B.18-1.2.
C		PLUMBING SHAFT WALL	
D		ONE-HOUR FIRE RATED SHAFT WALL	PER UL DESIGN NO. 469
E		ONE-HOUR FIRE RATED DEMISED WALL @ EXIST. PARTITION	AT EXISTING STUD WALL, 1 - HOUR WALL CONSTRUCTION MUST BE AS FOLLOWS: A= 2"X4" OR 2"X6" WOOD STUDS MAX. 24" O.C., W/ 5/8" TYPE "X" GYPSUM WALL BOARD APPLIED VERTICALLY OR HORIZONTALLY, FULL HT. BOTH SIDES, NAILED W/ 6d COOLER OR WALLBOARD NAILS @ 7" O.C., W/ END JOINTS ON NAILING MEMBERS. STAGGER JOINTS EA. SIDE UBC TABLE 7-A ITEM 17-13 & CBC TABLE 7-B.17-1.3 DEMISE WALL AS REQUIRED PER DET. 1/A9.1.
F		FURRED PARTITION (NOT FULL HT.)	SEE FLOOR PLAN
G		ONE-HOUR RATED WALL FINISH	PER UL DESIGN NO. U510 - SEE NOTE 8
		(E) 2X WOOD STUD WALL TO REMAIN	SEE NOTES FOR WALL TYPES 'A' AND 'B' FOR TYPICAL INTERIOR AND EXTERIOR EXISTING STUD WALLS
		EXISTING CONCRETE WALL TO REMAIN	
		(E) STUD WALL TO RECEIVE (N) FINISHES, INSULATION, ETC.	(E) STUDS AND/OR PLYWOOD SHEATHING TO REMAIN; PROVIDE (N) FINISHES, INSULATION, ETC. AS INDICATED BY OVERLAYING WALL TYPE SYMBOL & KEY. FOR WALL TYPE AND RATING SEE SYMBOLS AND DESCRIPTION ABOVE.

WALL TYPE NOTES

1. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL TOILETS AND OTHER WET AREAS.
2. ALIGN (N) WALLS WITH ADJACENT (E) COLUMNS, FURRED WALLS, ETC, TO ALIGN AND MATCH (E) ADJACENT WALL FINISH
3. ALL PARTITIONS ARE TYPICALLY FULL HEIGHT FROM FLOOR TO CLG. SEE WALL TYPE 'A'
4. FOR PARTITION SILL AT WET AREAS, SEE DET. 19 & 20/A9.2
5. WHERE STRUCTURAL PLYWOOD OCCURS AT (E) WALLS, PROVIDE 5/8" GYP. BD. OVER PLYWD. TO ALIGN & MATCH WITH (E) ADJACENT WALL FINISH.
6. VERIFY PLUMBING REQUIREMENTS FOR PARTITION WIDTHS.
7. ACOUSTIC PARTITIONS: IN ALL PARTITIONS WHICH INCLUDE ACOUSTIC BATT INSULATION, INSTALL THE INSULATION TO THE FULL HEIGHT OF THE FRAMING. APPLY ACOUSTICAL SEALANT AT ALL EDGES AND PENETRATIONS. WALL OUTLETS, SWITCHES AND OTHER RECESSED ITEMS, LOCATED AT OPPOSITE SIDES OF THE PARTITION, SHALL NOT BE INSTALLED BACK TO BACK, BUT SHALL BE SEPARATED BY AT LEAST ONE STUD.
8. WHERE RECESSED WALL PANELS OCCUR AT 1HR. RATED WALLS, INFILL WALL RECESS W/WALL FINISH TYPE G
9. FURRED WALLS AGAINST CONC. WALLS TO BE 24" O.C. U.O.N.

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BERKELEY UNIFIED SCHOOL DISTRICT

WALL TYPES
CEILING DETAILS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: SCALE:
CHECKED BY:

A9.1

JOB NO: 9714 | 25 OF 60 SHEETS

PLOT DATE:
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JOB NUMBER:
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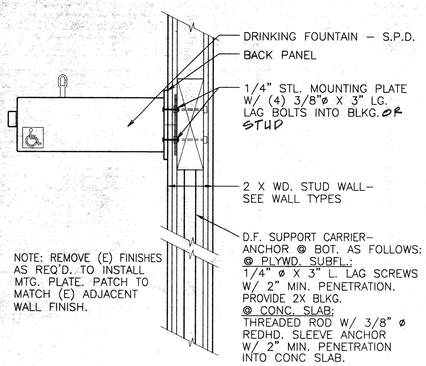
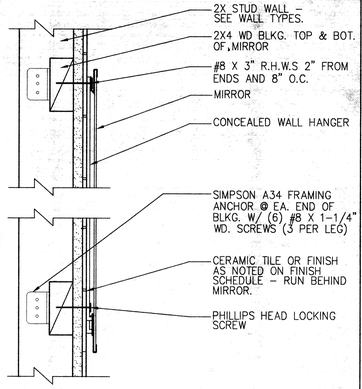
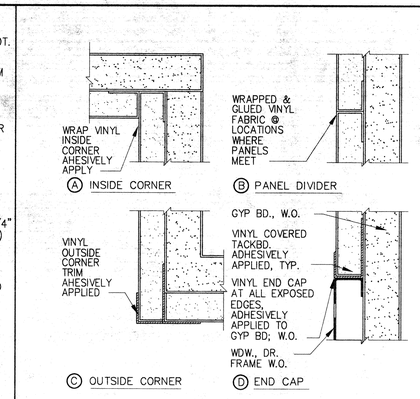


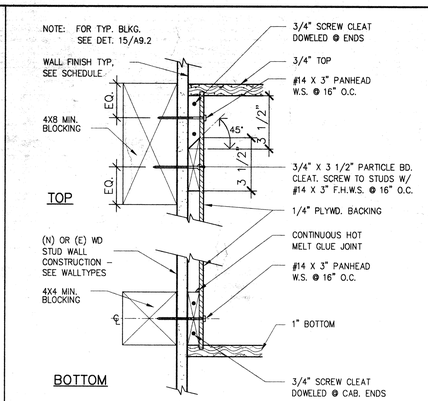
HCP D.F. MOUNTING | 1-1/2" | 17



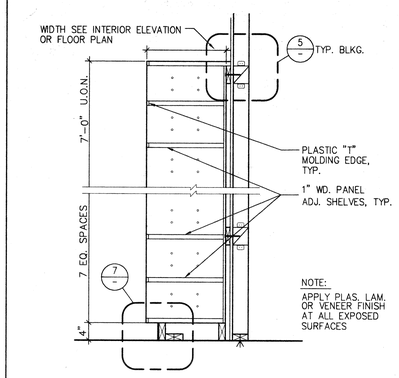
MIRROR MOUNTING | 3" | 13



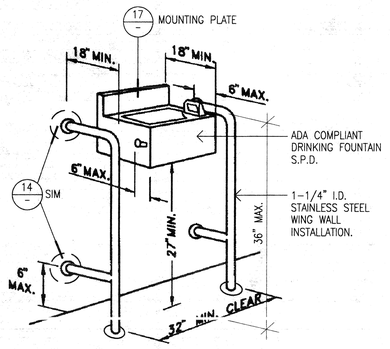
TRIM @ VINYL TACKBOARD | NTS | 9



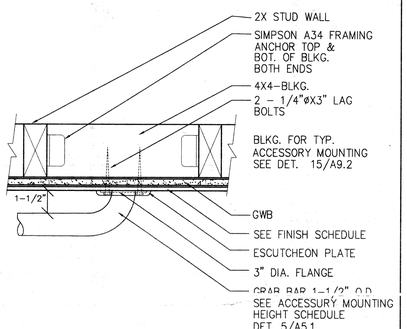
BACKING @ WALL CABINETS | 3" | 5



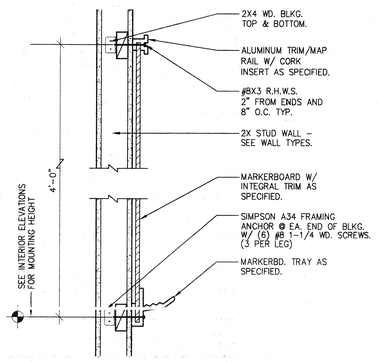
OPEN SHELVING | NTS | 1



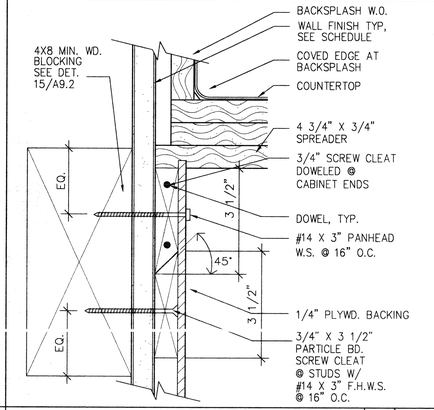
HCP DRINKING FOUNTAIN | NTS | 18



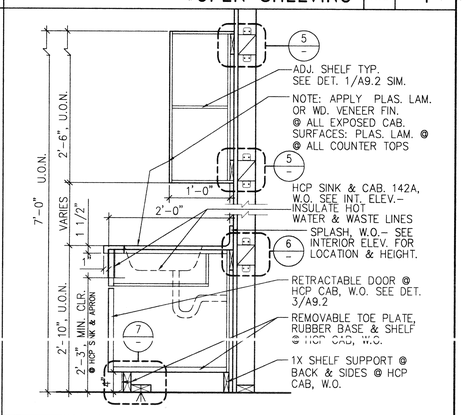
GRAB BAR MOUNTING | 3" | 14



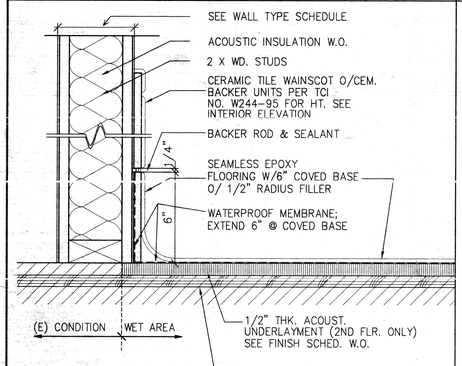
TACKBD./MARKERBD. MOUNTING | 1-1/2" | 10



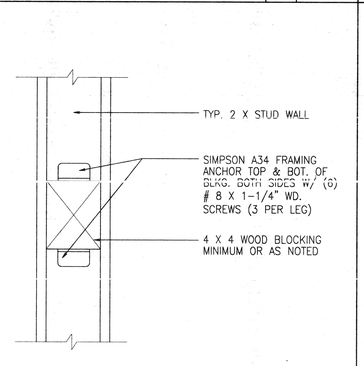
BACKING @ COUNTER TOP | HALF | 6



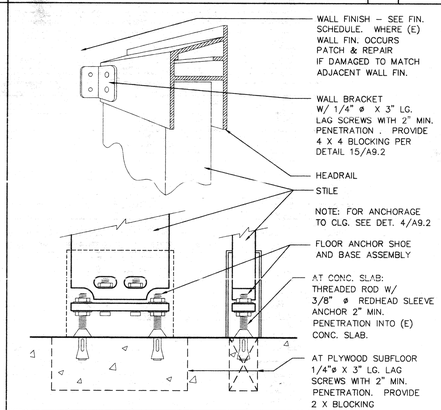
BASE & WALL HUNG CABINET | 1" | 2



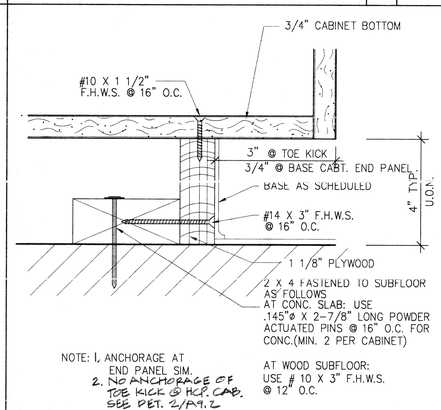
PARTITION SILL @ WET AREAS | 3" | 19



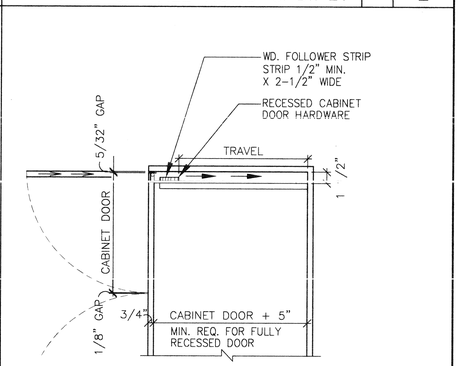
TYP. BLOCKING DETAIL | 3" | 15



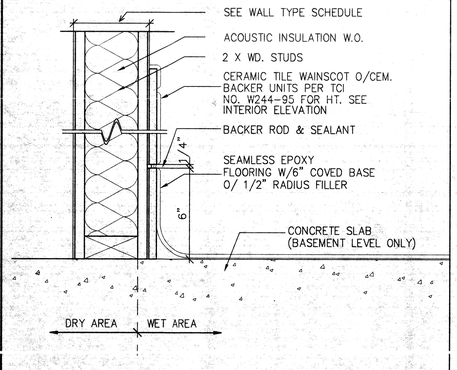
FLOOR MOUNTED TOILET PARTITION | 3" | 11



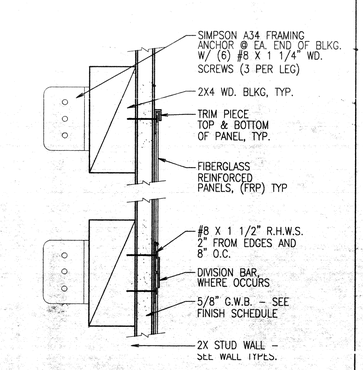
TOE KICK FASTENING BLOCKS | HALF | 7



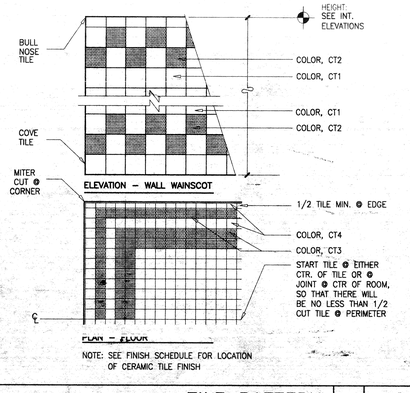
HCP. SINK CABINET DOOR | 1/2" | 3



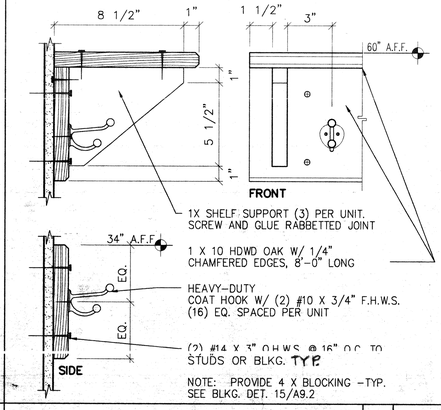
PARTITION SILL @ WET AREAS | 3" | 20



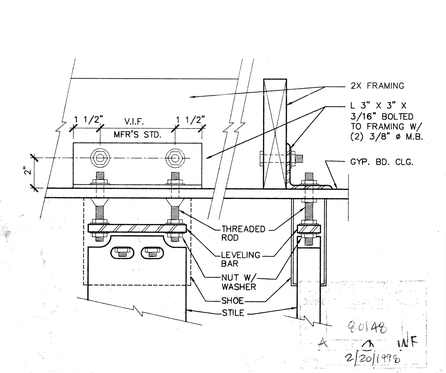
FIBERGLASS REINFORCED PANEL | HALF | 16



TILE PATTERN | 1/4" | 12



COAT RACK | 3" | 8



CEILING HUNG TOILET PARTITION | 3" | 4

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OAKLAND, CA 94612
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■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY IC 3158 EXP: 12/31/99 STATE OF CALIFORNIA

ARCHITECT'S STAMP

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1130 Oxford Street • Berkeley, CA 94707

BERKELEY UNIFIED SCHOOL DISTRICT

INTERIOR DETAILS

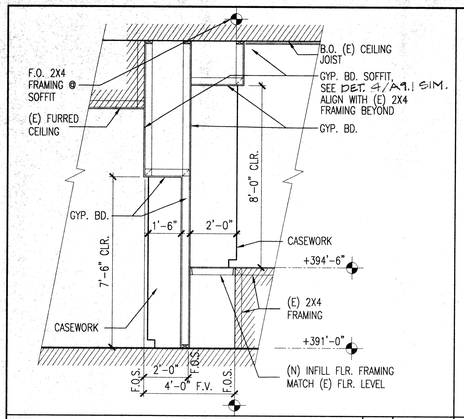
DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: SCALE:
CHECKED BY:

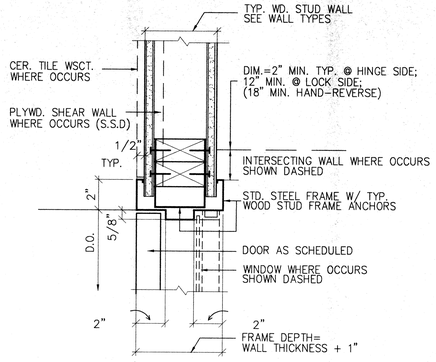
A9.2

JOB NO: 9714 | 26 OF 60 SHEETS

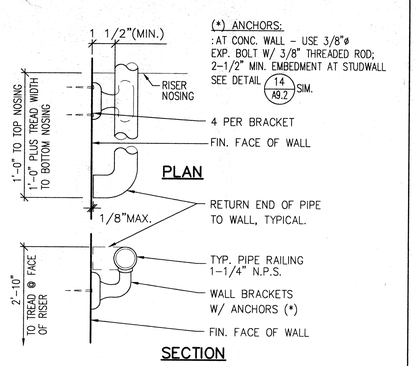
PLOT DATE: 02/20/98 JOB NUMBER: F:\9714\fo\A0902.dwg Fri Feb 13 16:00:56 1998 A0902.DWG



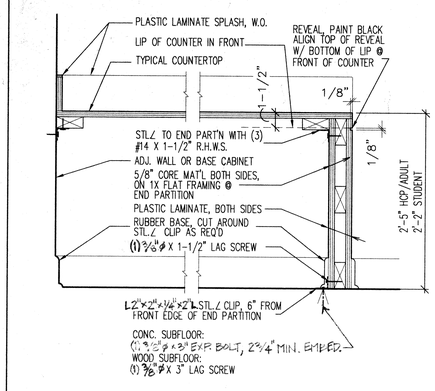
SECTION @ WORKRM. CASEWORK | 3/8" | 17



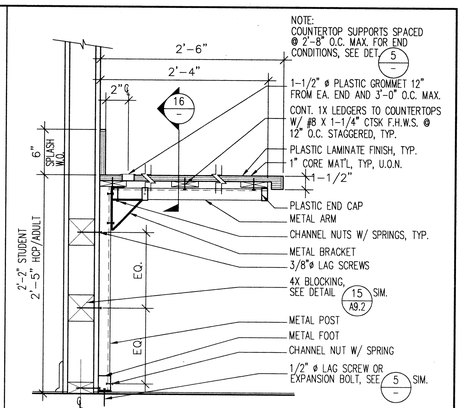
DOOR JAMB - HEAD SIM. | 3" | 13



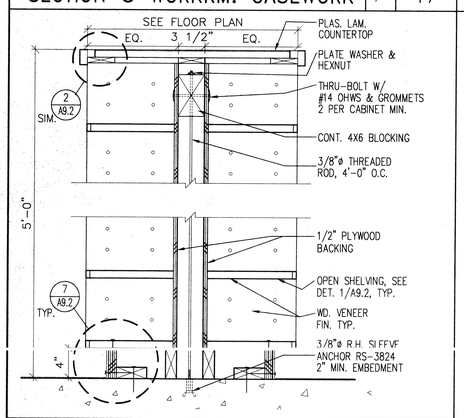
TYPICAL CONN. @ GUARDRAIL | NTS | 9



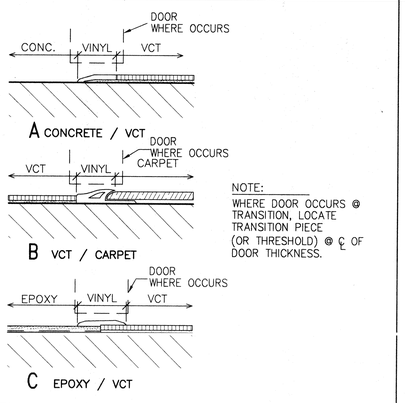
COUNTER END CONDITIONS | 1-1/2" | 5



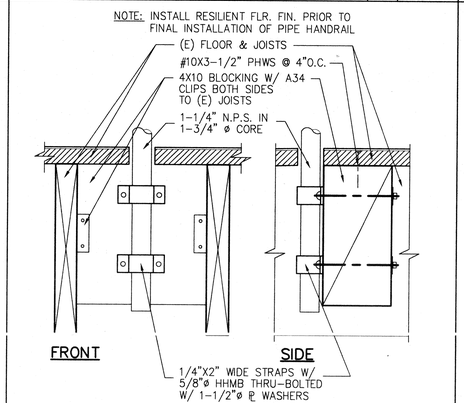
OPEN COUNTER @ WALL | 1-1/2" | 1



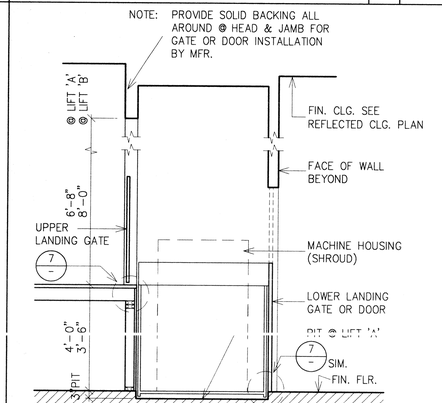
LIBRARY ISLAND BOOKSHELVES | 1-1/2" | 18



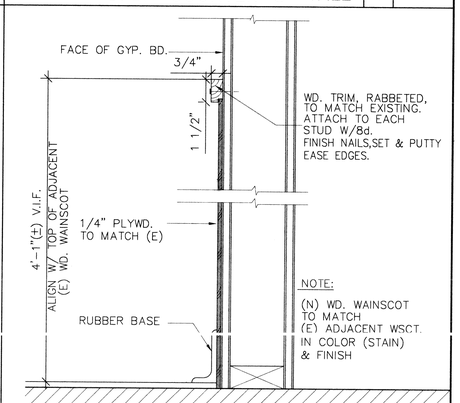
FLOOR FINISH TRANSITION | NTS | 14



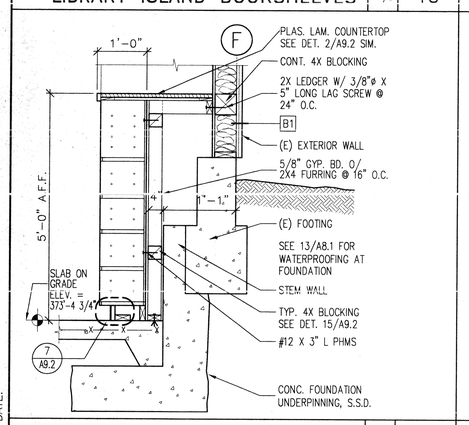
NEW STAIR RAIL - FLR. MOUNTED | 3" | 10



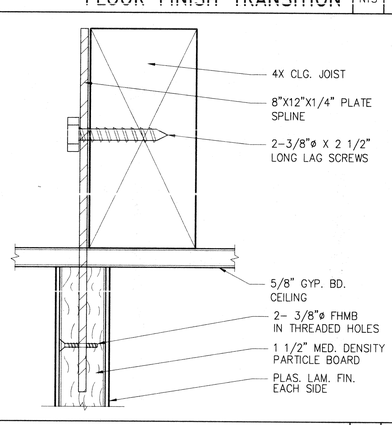
SECTION @ WHEELCHAIR LIFT | 1/2" | 6



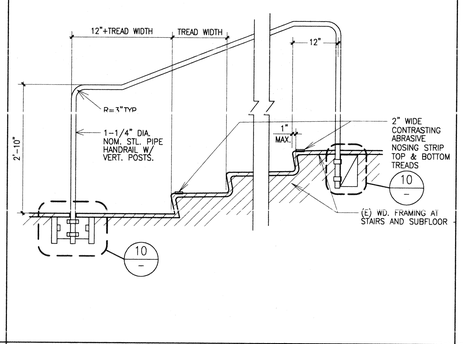
WOOD WAINSCOT | 3" | 2



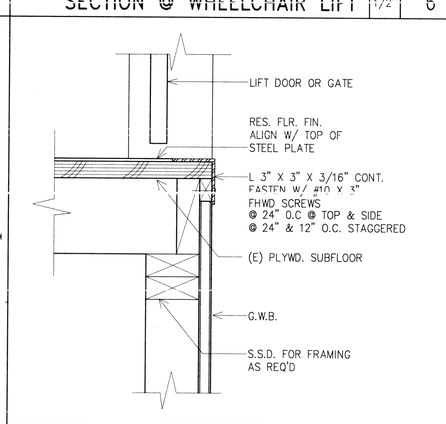
BOOKSHELVES @ FURRED WALL | 3/4" | 19



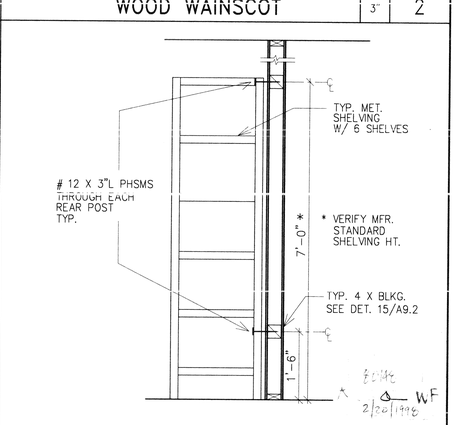
ISLAND CASEWORK ANCHORAGE | HALF | 15



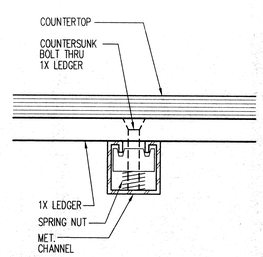
HAND RAIL @ STAIRS-FLR. MTD. | 3/4" | 11



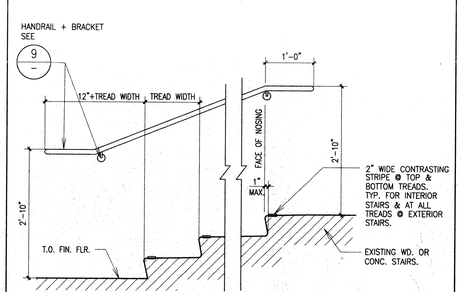
DOOR SILL @ WHEELCHAIR LIFT | 3" | 7



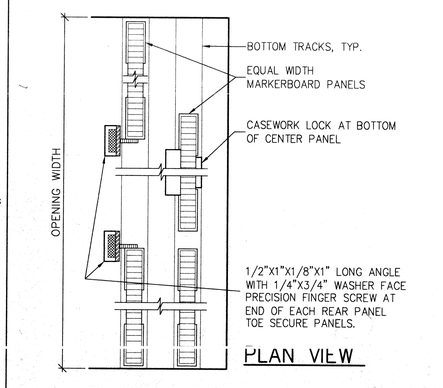
TYP. MET. SHELVING ANCHORAGE | 3/4" | 3



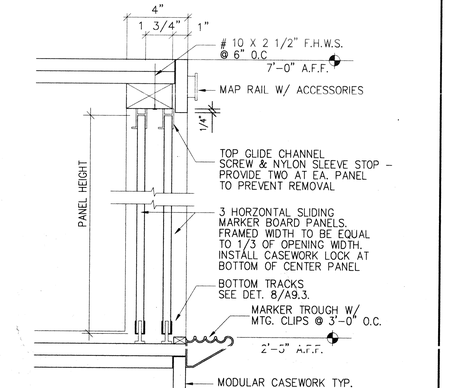
MET. ARM @ COUNTER | 6" | 16



HANDRAIL - WALL MOUNTED | 3/4" | 12



MARKERBOARD DETAIL | 6" | 8



MARKERBOARD @ CASEWORK | 3" | 4

501 14TH STREET,
SUITE 300
OAKLAND, CA 94612
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☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 13158 EXP: 12/31/99 STATE OF CALIFORNIA

ARCHITECT'S STAMP

CONSULTANT'S STAMP

Oxford Elementary School Modernization

1130 Oxford Street • Berkeley, CA 94707

BERKELEY UNIFIED SCHOOL DISTRICT

INTERIOR DETAILS

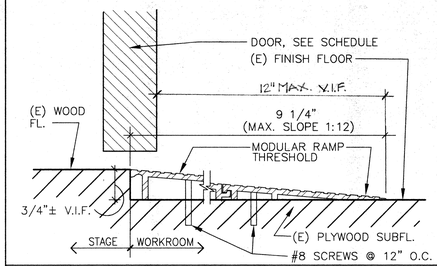
DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: MW SCALE:
CHECKED BY: CC

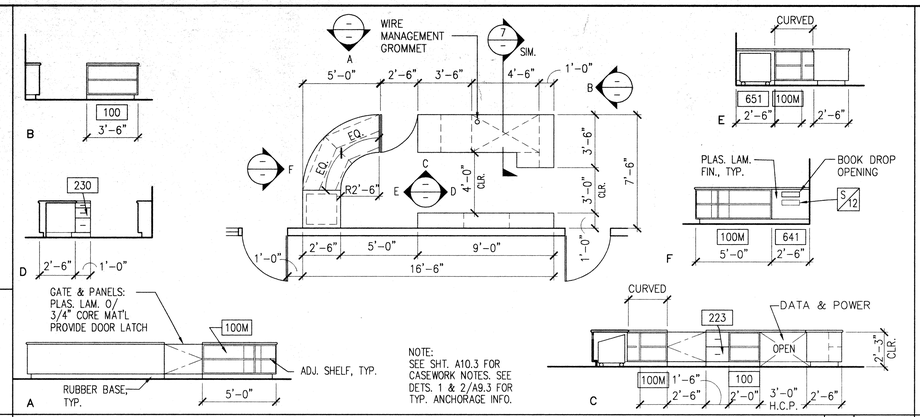
A9.3

JOB NO: 9714 | 27 OF 60 SHEETS

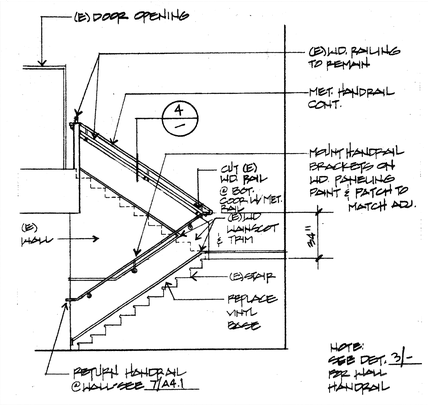
PLOT DATE:
F:\ A0903.DWG
JOB NUMBER:
F:\1971\dwf\A0903.dgn Tue Feb 17 11:51:26 1998



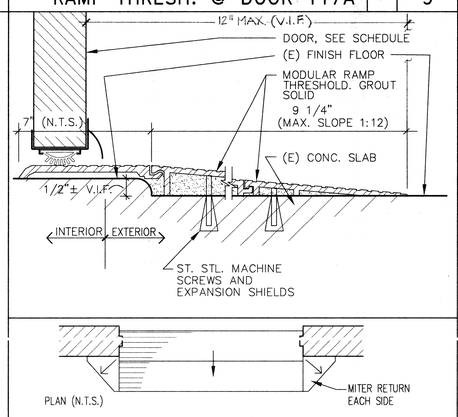
RAMP THRESH. @ DOOR 117A | 6" | 9



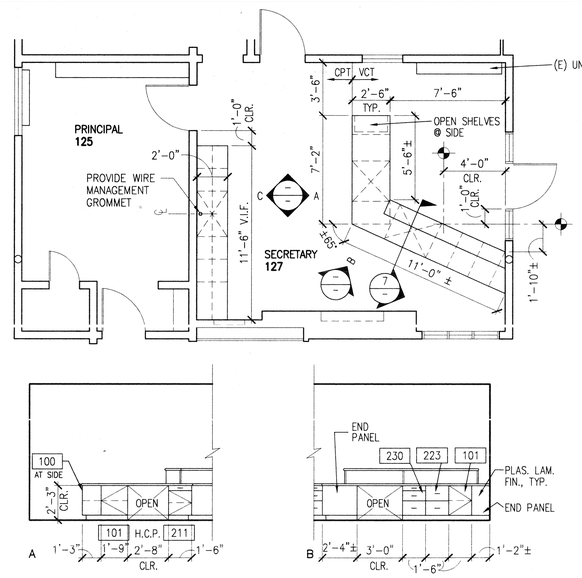
COUNTER @ LIBRARY | 1/4" | 5



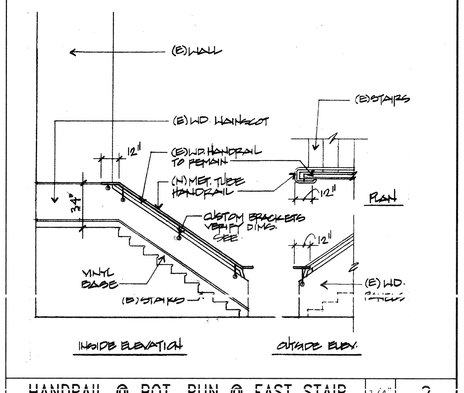
INSIDE HANDRAIL @ EAST STAIR | 1/4" | 1



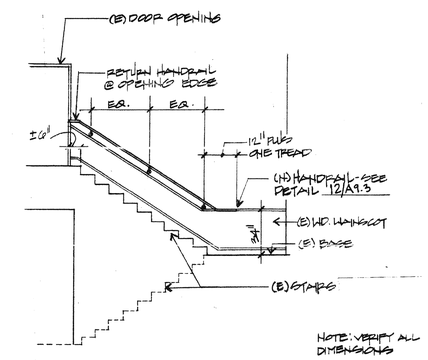
RAMP THRESH. @ ENTRANCE | 6" | 10



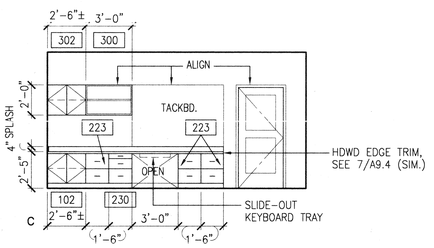
COUNTER @ SECRETARY | 1/4" | 6



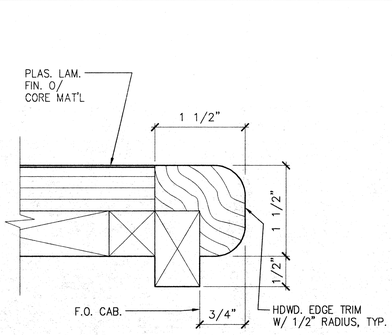
HANDRAIL @ BOT. RUN @ EAST STAIR | 1/4" | 2



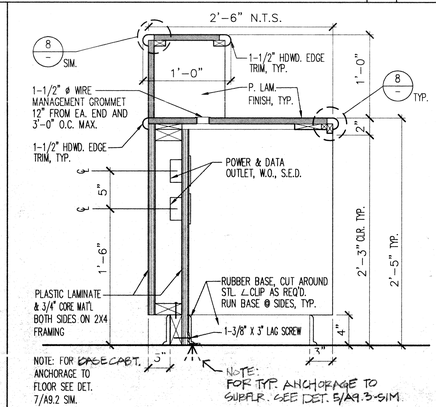
HANDRAIL @ EAST STAIR @ WALL | 1/4" | 3



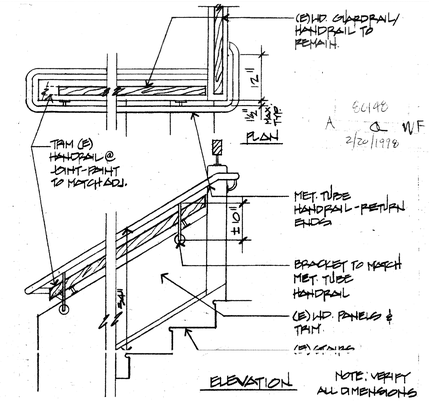
NOTE:
SEE SHEET A10.3 FOR CASEWORK NOTES.
SEE DETS. 1 & 2/A9.3 FOR TYPICAL ANCHORAGE INFORMATION



WOOD EDGE TRIM @ CABINET | FULL | 8



OPEN COUNTER @ SECRETARY | 1-1/2" | 7



HANDRAIL @ EAST RAIL | 3/4" | 4

VBN ARCHITECTS
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BERKELEY UNIFIED SCHOOL DISTRICT

INTERIOR DETAILS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: MTH SCALE:
DESIGN BY: MTH
CHECKED BY: CG

A9.4

JOB NO: 9714 | 28 OF 60 SHEETS

PLOT DATE: A0904.DWG F:\ JOB NUMBER F:\1971\dwg\A0904.dwg tue Feb 17 12:05:32 1998

DOOR SCHEDULE

LOCATION	DOOR NUMBER	DOOR TYPE	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR MATERIAL	DOOR RATING (MINS./HRS.)	DOOR GLAZING	FRAME TYPE	FRAME MATERIAL	FRAME DETAILS SEE PLANS AND ELEVATIONS FOR HAND HEAD	FRAME DETAILS JAMB	FRAME DETAILS THRES./SILL	HARDWARE HINGES	HARDWARE LOCK	HARDWARE CLOSER	HARDWARE STOP	HARDWARE MISCELLANEOUS	REMARKS
BASEMENT PLAN																			
STORAGE 1	1	–	2'-6"	6'-8"	1 3/8	(E)	–	–	(E)	–	–	–	–	E	L-1	–	(E)	–	
JANITOR 2	2A	–	3'-0"	6'-8"	1 3/8	(E)	20	–	(E)	–	–	–	–	E	L-2	CL-1	E	M-1	
JANITOR 2	2B	–	2'-8"	6'-8"	1 3/8	(E)	–	–	(E)	–	–	–	–	E	L-2	–	E	–	
BOILER ROOM 3	3A	–	2'-6"	6'-8"	1 3/4	(E)	–	–	(E)	–	–	–	–	E	L-1	–	E	M-1,M-2	
BOILER ROOM 3	3B	–	2'-8"	6'-8"	1 3/8	(E)	–	–	(E)	–	–	–	–	H-2	L-2	–	S-1	–	
ELEVATOR ROOM 4	4	A	3'-0"	6'-8"	1 3/4	WD	60	–	1	STL.	13/A9.3	13/A9.3	–	H-3	L-2	CL-1	S-1	M-1	(4) (11)
VESTIBULE 5	5A	H	PAIR 6'-0"	6'-8"	1 3/4	STL	–	3	5	STL.	9/A8.1	10/A8.1	–	H-1	L-3 L-4	CL-1 CL-1	S-3* S-3*	M-1,M-3 M-4,M-5	* (7) (6)
VESTIBULE 5	5B	*	3'-6"	7'-0"	1 3/4	WD	60	–	*	STL.	1/A7.3	6/A7.3	3/A7.3	H-3	L-5	CL-1	S-2	M-1	* (1) (5) (11)
WORK ROOM 6	6	E	3'-0"	6'-8"	1 3/4	WD	–	2	1	STL.	13/A9.3	13/A9.3	–	H-2	L-2	–	S-1	–	
LIBRARY ROOM 7	7	E	3'-0"	6'-8"	1 3/4	WD	60	3	6	STL.	13/A9.3	13/A9.3	14B/A9.3	H-3	L-6	CL-1	S-1	M-1,M-4	(11)
TOILET ROOM 8	8	A	3'-0"	6'-8"	1 3/4	WD	–	–	1	STL.	13/A9.3	13/A9.3	14C/A9.3	H-2	L-1	CL-2	S-1	–	SIGN TYPE 1C & 2C
CRAWL SPACE 9	9	A	2'-6"	5'-0"	1 3/4	STL	–	–	1	STL.	9/A8.1	10/A9.3	–	H-1	L-9	–	–	–	V.I.F. CLEARANCES @ BASEMENT
FIRST FLOOR PLAN																			
MULTI-PURPOSE ROOM 100	100A	D	PAIR* 5'-0"	6'-8"	1 3/4"	WD	20	–	(E)	–	–	–	–	H-3 H-3	L-3 L-7	CL-1 CL-1	S-1 S-1	M-1,M-3 M-4,M-6,M-7	*3'-0" & 2'-0" (6)
MULTI-PURPOSE ROOM 100	100B	–	3'-0"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	E	CL-1	E	M-1	
STAGE 101	101	–	2'-8"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-5	CL-2	E	M-1	
HALL 102	102A	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-5	CL-2	E	M-1	
HALL 102	102B	–	3'-0"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	E	CL-1	E	–	
FACULTY ROOM 103	103A	–	3'-0"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	L-6	CL-1	E	–	
FACULTY ROOM 103	103B	–	2'-8"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-6	CL-2	E	M-1	
KITCHEN 104	104A	AA	PAIR 6'-0"	6'-8"	1 3/4"		20	–	2	STL.	13/A9.3	13/A9.3	–	E	L-3 L-7	CL-3 CL-3	E	M-1,M-6	(5) (6)
KITCHEN 104	104B	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-3 L-8	CL-3	E	M-1	(5) (6)
KITCHEN 104	104C	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-6	CL-1	S-2	M-1	(4)
CLEAN UP 105	105	–	3'-6"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	L-9	–	E	E	
STORAGE 106A	106A	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-2	CL-2	E	M-1	
ELEC. 106B	106B	–	3'-0"	6'-8"	1 3/4"	WD	–	–	1	STL.	13/A9.3	13/A9.3	–	H-2	L-2	–	S-1	–	
LOCKER 107	107	–	2'-6"	6'-8"	1 3/8"	(E)	–	–	(E)	–	–	–	–	E	L-1	–	E	–	
TOILET 108	108	–	2'-6"	6'-8"	1 3/8"	(E)	–	–	(E)	–	–	–	–	E	L-1	–	E	–	SIGN TYPE 11C
OFFICE 109	109	–	3'-0"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	L-9	–	E	–	
JANITOR 110	110	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-2	CL-1	E	M-1	
VESTIBULE 111	111	–	PAIR 6'-0"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	L-3 L-4	CL-1 CL-1	E	M-5	(6)
SPECIAL CLASSROOM 112A	112A	–	3'-6"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	L-6	–	E	–	
MECH. 112B	112B	–	3'-0"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	E	E	E	–	
MEN 113	113	G	3'-0"	6'-8"	1 3/4"	WD	20	–	1	STL.	13/A9.3	13/A9.3	14C/A9.3	H-3	L-6	CL-1	S-1	M-1,M-4	SIGN TYPE 1A & 2A
WOMEN 114	114	G	3'-0"	6'-8"	1 3/4"	WD	20	–	1	STL.	13/A9.3	13/A9.3	14C/A9.3	H-3	L-6	CL-1	S-1	M-1,M-4	SIGN TYPE 1B & 2B
VESTIBULE 115	115	*	3'-5"	3'-6"	–	STL	–	–	*	–	–	–	7/A9.3	*	*	*	*	*	(2) (10)
VESTIBULE 116	116A	–	3'-0"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	L-6	–	–	–	
VESTIBULE 116	116B	*	3'-5"	3'-6"	–	STL	–	–	*	–	–	–	–	*	*	*	*	*	(2) (10)
WORK ROOM 117	117A	–	4'-0"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	9/A9.4	E	L-6	CL-2	E	M-8	
WORK ROOM 117	117B	*	3'-5"	3'-6"	–	STL	–	–	*	–	–	–	7/A9.3	*	*	*	*	*	(2) (10)
STORAGE 118	118	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	E	E	E	–	
WORK ROOM 120	120	–	3'-0"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	L-6	–	E	–	
SPECIAL SERVICE 121	121A	–	2'-8"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	L-10	–	E	–	
SPECIAL SERVICE 121	121B	B	3'-0"	6'-8"	1 3/4"	WD	–	3	1	STL.	13/A9.3	13/A9.3	–	H-3	L-10	–	S-1	–	
SPECIAL SERVICE 121	121C	–	3'-0"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	E	E	–	–	
HALL 122	122	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-6	CL-1	S-1	M-1,M-4	
TOILET 123	123		2'-6"	6'-8"	1 3/8"	(E)	–	–	(E)	–	–	–	–	E	L-1	–	E	–	SIGN TYPE 1C
FIRST AID 124	124A	F	3'-0"	6'-8"	1 3/4"	WD	–	3	1	STL.	13/A9.3	13/A9.3	–	H-2	L-10	–	S-1	–	(9)
FIRST AID 124	124B	–	2'-6"	6'-8"	1 3/8"	(E)	–	–	(E)	–	–	–	–	E	L-1	–	E	–	
PRINCIPAL 125	125A	E	3'-0"	6'-8"	1 3/4"	WD	–	2	1	STL.	13/A9.3	13/A9.3	–	H-2	L-10	–	S-1	–	(9)
PRINCIPAL 125	125B	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-10	–	E	–	
PRINCIPAL 125	125C	–	2'-2"	6'-8"	1 3/8"	(E)	–	–	(E)	–	–	–	–	E	L-5	–	E	–	
SECRETARY 127	127	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-6	CL-1	E	–	
ENTRANCE 129	129A	C	PAIR* 5'-0"	6'-8"	1 3/4"	STL	–	3	(E)	STL.	–	–	10/A9.4	H-1 H-1	L-3 L-11	CL-1 CL-1	S-1 S-1	M-1,M-9 M-4,M-6,M-7	*3'-0" & 2'-0" (6) SIGN TYPE S/8
ENTRANCE 129	129B	C	PAIR* 5'-0"	6'-8"	1 3/4"	STL	–	3	(E)	STL.	–	–	10/A9.4	H-1 H-1	L-3 L-11	CL-1 CL-1	S-1 S-1	M-1,M-9 M-4,M-6,M-7	*3'-0" & 2'-0" (6) SIGN TYPE S/8
ENTRANCE 129	129C	*	3'-5"	6'-8"	–	STL	–	–	*	–	–	–	7/A9.3SIM.	*	*	*	*	*	(2) (10)
CORRIDOR 130	130	–	PAIR 9'-0"	6'-8"	2 1/2"	(E)	–	–	(E)	–	–	–	–	E	E	CL-1 CL-1	E	E	(8)
KINDERGARTEN CLASSROOM 131	131A	B	3'-0"	6'-8"	1 3/4"	WD	20	3	3	STL.	13/A9.3	13/A9.3	–	H-3	L-6	CL-1	S-1	M-1,M-4	(12)
KINDERGARTEN CLASSROOM 131	131B	–	3'-0"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	L-9	CL-1	E	E	
STORAGE 132	132	A	3'-0"	6'-8"	1 3/4"	WD	20	–	1	STL.	13/A9.3	13/A9.3	–	H-3	L-6	CL-1	S-1	M-1,M-4	
GIRLS TOILET 135	135A	G	3'-0"	6'-8"	1 3/4"	WD	20	–	1	STL.	13/A9.3	13/A9.3	14C/A9.3	H-3	L-6	CL-1	S-1	M-1,M-4	SIGN TYPE 1B & 2B
GIRLS TOILET 135	135B	G	3'-0"	6'-8"	1 3/4"	STL	–	–	4	STL.	9/A8.1	10/A8.1	–	H-1	L-9	CL-1	S-1	M-1,M-3 M-4	(3); SIGN TYPE 11B
RESOURCE CLASSROOM 137	137	B	3'-0"	6'-8"	1 3/4"	WD	20	3	3	STL.	13/A9.3	13/A9.3	–	H-3	L-6	CL-1	S-1	M-1,M-4	(12)
CORRIDOR 139	139		PAIR 6'-0"	6'-8"	1 3/4"	(E)	–	–	(E)	–	–	–	–	E	L-3 L-4	CL-1 CL-1	E	M-5	(6)
BOYS TOILET 140	140A	G	3'-0"	6'-8"	1 3/4"	WD	20	–	1	STL.	13/A9.3	13/A9.3	14C/A9.3	H-3	L-6	CL-1	S-1	M-1,M-4	SIGN TYPE 1A & 2A
BOYS TOILET 140	140B	G	3'-0"	6'-8"	1 3/4"	STL	–	–	4	STL.	9/A8.1	10/A8.1	–	H-1	L-9	CL-1	S-1	M-1,M-3 M-4	(3); SIGN TYPE 11A
JAN. 141	141A	–	2'-8"	6'-8"	1 3/4"	(E)	20		(E)	–	–	–	–	E	L-2	CL-1	E	M-1	
JAN. 141	141B	–	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	(E)	–	–	–	–	E	E	E	E	–	(E) ACCESS DOOR TO TRASH CHUTE

DOOR SCHEDULE

LOCATION	DOOR NUMBER	DOOR TYPE	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THICKNESS	DOOR MATERIAL	DOOR RATING (MINS./HRS.)	DOOR GLAZING	FRAME TYPE	FRAME MATERIAL	FRAME DETAILS SEE PLANS AND ELEVATIONS FOR HAND HEAD	FRAME DETAILS JAMB	FRAME DETAILS THRES./SILL	HARDWARE HINGES	HARDWARE LOCK	HARDWARE CLOSER	HARDWARE STOP	HARDWARE MISCELLANEOUS	REMARKS
FIRST FLOOR PLAN (CONTINUED)																			
CLASSROOM 142	142	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-6	CL-1	E	M-1,M-4	
CLASSROOM 143	143	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-6	CL-1	E	M-1,M-4	
CLASSROOM 144	144	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-3 L-8	CL-1	E	M-1,M-4	(6)
CLASSROOM 145	145	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-3 L-8	CL-1	E	M-1,M-4	(6)
CLASSROOM 146	146	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-6	CL-1	E	M-1,M-4	
CORRIDOR 147	147A	C	PAIR* 5'-0"	6'-8"	1 3/4"	STL	–	3	(E)	–	–	–	–	H-1 H-1	L-3 L-11	CL-1 CL-1	S-1 S-1	M-1,M-3,M-4 M-6,M-7	*3'-0" & 2'-0" (6) SIGN TYPE S/8
CORRIDOR 147	147B	AA	PAIR 8'-0"	6'-8"	1 3/4"	WD	60	–	7	STL.	13/A9.3	13/A9.3	–	H-3 H-3	L-3 L-7	CL-1 CL-1	S-2 S-2	M-1,M-3,M-4 M-6,M-7	(5) (6) (11)
STORAGE 148	148	AA	PAIR 5'-0"	6'-8"	1 3/4"	WD	20	–	2	STL.	13/A9.3	13/A9.3	–	H-3 H-3	L-2	CL-1	S-1 S-1	M-1,M-2	
VESTIBULE 149	149	*	3'-6"	7'-0"	1 3/4"	WD	60	–	*	STL.	1/A7.3	6/A7.3	3/A7.3	H-3	L-5	CL-1	S-2	M-1	(1) (5) (11)
STORAGE 150	150	AA	3'-0"	6'-8"	1 3/4"	WD	60	–	1	STL.	13/A9.3	13/A9.3	–	H-3	L-2	CL-1	S-1	M-1	(4) (11)
SECOND FLOOR PLAN																			
SUPPLIES 200	200	A	3'-0"	6'-8"	1 3/4"	WD	20	–	1	STL.	13/A9.3	13/A9.3	–	H-3	L-2	CL-1	S-1	M-1	
WOMEN 201	201	G	3'-0"	6'-8"	1 3/4"	WD	20	–	1	STL.	13/A9.3	13/A9.3	14C/A9.3	H-3	L-6	CL-1	S-1	M-1,M-4	SIGN TYPE 1B & 2B
MEN 202	202	G	3'-0"	6'-8"	1 3/4"	WD	20	–	1	STL.	13/A9.3	13/A9.3	14C/A9.3	H-3	L-6	CL-1	S-1	M-1,M-4	SIGN TYPE 1A & 2A
FACULTY LOUNGE 204	204	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-6	CL-2	E	M-1,M-4	
OFFICE 205	205	F	3'-0"	6'-8"	1 3/4"	WD	20	3	1	STL.	13/A9.3	13/A9.3	–	H-3	L-10	CL-2	S-1	M-1	(9)
TEXTBOOK STORAGE 206	206	A	3'-0"	6'-8"	1 3/4"	WD	20	–	1	STL.	13/A9.3	13/A9.3	–	H-3	L-2	CL-1	S-1	M-1	
WORK ROOM 207	207	B	3'-0"	6'-8"	1 3/4"	WD	20	3	1	STL.	13/A9.3	13/A9.3	–	H-3	L-6	CL-2	S-1	M-1	
CLASSROOM 208	208	B	3'-0"	6'-8"	1 3/4"	WD	20	3	3	STL.	13/A9.3	13/A9.3	–	H-3	L-6	CL-1	S-1	M-1,M-4	(12)
CLASSROOM 209	209	B	3'-0"	6'-8"	1 3/4"	WD	20	3	3	STL.	13/A9.3	13/A9.3	–	H-3	L-6	CL-1	S-1	M-1,M-4	(12)
BOYS 210	210	G	3'-0"	6'-8"	1 3/4"	WD	20	–	1	STL.	13/A9.3	13/A9.3	14C/A9.3	H-3	L-6	CL-1	S-1	M-1,M-4	SIGN TYPE 1A & 2A
ELECTRICAL 211	211	A	3'-0"	6'-8"	1 3/4"	WD	20	–	1	STL.	13/A9.3	13/A9.3	–	H-3	L-2	CL-1	S-1	M-1	
GIRLS 213	213	G	3'-0"	6'-8"	1 3/4"	WD	20	–	1	STL.	13/A9.3	13/A9.3	14C/A9.3	H-3	L-2	CL-1	S-1	M-1,M-4	SIGN TYPE 1B & 2B
CLASSROOM 214	214	B	3'-0"	6'-8"	1 3/4"	WD	20	3	3	STL.	13/A9.3	13/A9.3	–	H-3	L-6	CL-1	S-1	M-1,M-4	(12)
JANITOR 215	215	A	3'-0"	6'-8"	1 3/4"	WD	60	–	1	STL.	13/A9.3	13/A9.3	–	H-3	L-2	CL-1	S-1	M-1	(4) (11)
CLASSROOM 216	216	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-6	CL-1	E	M-1,M-4	
CLASSROOM 217	217	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-6	CL-1	E	M-1,M-4	
CLASSROOM 218	218	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-3 L-8	CL-1	E	M-1,M-4	(6)
CLASSROOM 219	219	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-3 L-8	CL-1	E	M-1,M-4	(6)
CLASSROOM 220	220	–	3'-0"	6'-8"	1 3/4"	(E)	20	–	(E)	–	–	–	–	E	L-6	CL-1	E	M-1,M-4	
CORRIDOR 221	221	AA	PAIR 8'-0"	6'-8"	1 3/4"	WD	60	–	7	STL.	13/A9.3	13/A9.3	–	H-3 H-3	L-3 L-7	CL-1 CL-1	S-2 S-2	M-1,M-4	(5) (6) (11)
STORAGE 222	222	AA	PAIR 5'-0"	6'-8"	1 3/4"	WD	20	–	2	STL.	13/A9.3	13/A9.3	–	H-3 H-3	L-2	CL-1	S-2	M-1,M-4	
VESTIBULE 223	223	*	3'-6"	7'-0"	1 3/4"	WD	60	–	*	STL.	1/A7.3	6/A7.3	3/A7.3	H-3	L-5	CL-1	S-2	M-1	(1) (5) (11)

GLAZING TYPES

TYPE 1 – CLEAR

TYPE 2 – TEMPERED GLASS

TYPE 3 – WIRE GLASS

SHEET NOTES

REMARKS LEGEND

(1) SMOKE ELEVATOR DOOR

(2) DOOR (GATE) BY WHEELCHAIR MANUFACTURER

(3) LOUVER IN DOOR

(4) CLOSER: SELF CLOSING

(5) ELECTRONIC CLOSER

(6) PANIC HARDWARE

(7) HOLD OPEN STOPS

(8) (E) PANIC HARDWARE TO REMAIN

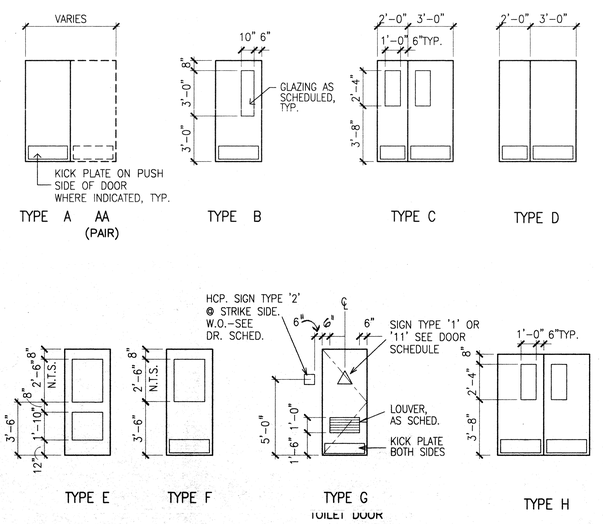
(9) HORIZ. LOUVER BLINDS AT VISION PANEL, ROOM SIDE

(10) SIGN TYPE S/3 ON GATE

(11) 60 MINUTE FRAME

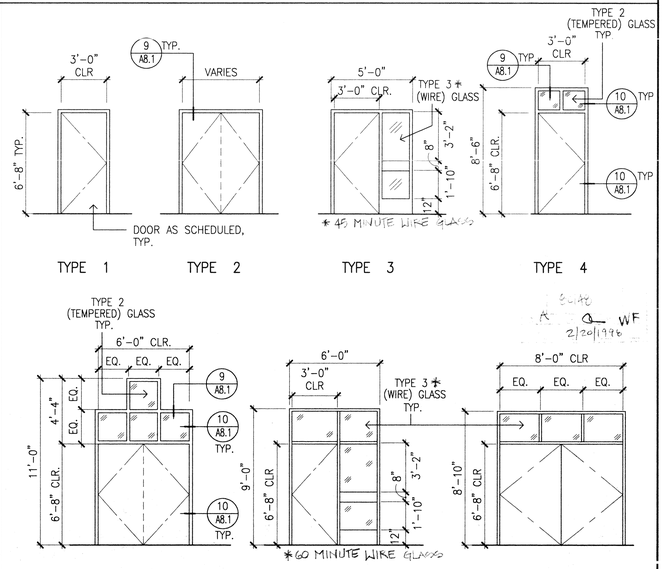
(12) 20 MINUTE FRAME

DOOR TYPES



NOTE: FOR SIGNS AT DOOR SEE SIGN SCHEDULE, SHT. A10.3

FRAME TYPES



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BERKELEY UNIFIED SCHOOL DISTRICT

DOOR SCHEDULE

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: SCALE:

CHECKED BY:

A10.1

JOB NO: 9714 29 OF 60 SHEETS

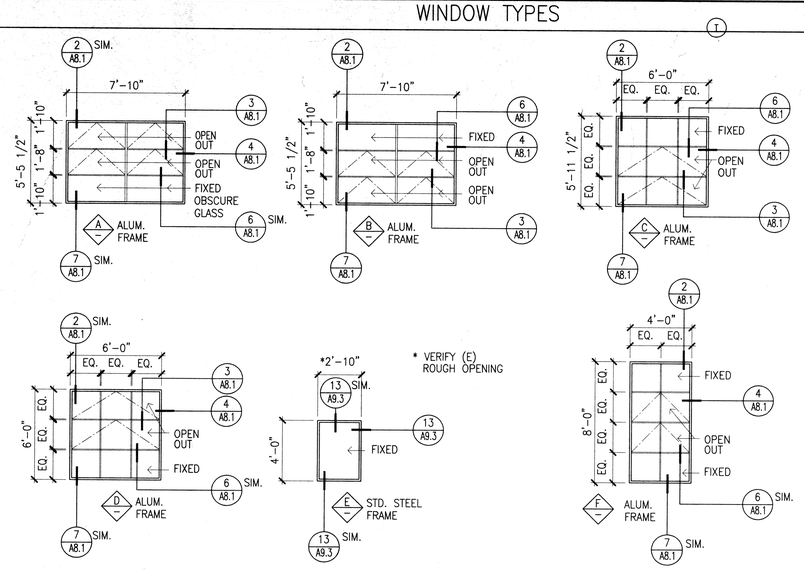
PLOT DATE: 2/20/1998 F:\A1001.DWG

JOB NUMBER: F:\9714\dwfs\A1001.dwg Wed Feb 18 11:22:08 1998

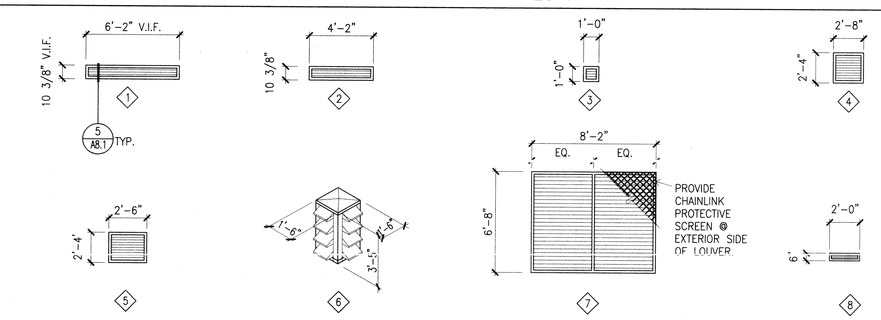
ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	BASE	WSCT	NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		REMARKS
					MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
BASEMENT PLAN															
1	STORAGE	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
2	JANITOR	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
3	BOILER ROOM	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
4	ELEVATOR ROOM	F1	B1	–	W1	P	W1	P	W1	P	W1	P	C2	P	
5	VESTIBULE	F1	B1	–	W1	P	W1	P	W1	P	W1	P	C2	P	(L) (S)
6	WORK ROOM	F1	B1	–	W1	P	W1	P	W1	P	W1	P	C4	–	(S)
7	LIBRARY	F4	B1	–	(E),W1	P	W1	P	W1	P	W1	P	C2,C4	P	(T) (S)
8	TOILET ROOM	F2	B2	WS1	W1	P	W1	P	W1	P	W1	P	C2	P	(S)
	STAIRWAY A	F3	B3	–	W1	P	W1	P	W1	P	W1	P	C2	P	
FIRST FLOOR PLAN															
100	MULTI-PURPOSE ROOM	(E)	(E)	–	(E)	P*	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	* (K)
101	STAGE	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
102	HALL	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
103	FACULTY ROOM	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
104	KITCHEN	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	P*	(E)	(E)	(E)	(E)	* (K)
105	CLEAN UP	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
106	STORAGE	F1	B1	–	(E)	P	(E)	P	(E),W1	P	(E),W1	P	(E)	P	
106A	ELEC.	F1	B1	–	W1	P	W1	P	(E)	P	(E)	P	(E)	P	
107	LOCKER	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
108	TOILET	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
109	OFFICE	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
110	JANITOR	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
111	VESTIBULE	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
112A	SPECIAL CLASSROOM	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
112B	MECH.	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
113	MEN	F2	B2	WS1	W3	P	W1	P	W1	P	W1	P	C2	P	(M)
114	WOMEN	F2	B2	WS1	W1,(E)	P	W1	P	(E)	P	(E)	P	C2	P	(M)
115	VESTIBULE	F1	B1	–	(E)	P	W1,(E)	P	W1	P	W1	P	C2	P	(L)
116	VESTIBULE	F1	B1	–	(E)	P	W1	P	(E)	P	(E)	P	(E)*	–	* (A) ; (B) (J)
117	STAGE WORK ROOM	F1	B1	–	(E)	P	(E)	P	W1	P	(E)	P	(E)*	–	* (A) ; (B)
118	STAIRWAY B	F3	B3	(E)	(E)	P	(E)	P	(E)	P	(E)	P	(E)	P	
120	WORK ROOM	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
121	SPECIAL SERVICE	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	P*	(E)	(E)	(E)	(E)	* (C)
122	HALL	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
123	TOILET	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
124	FIRST AID	(E)	(E)	–	(E)	P	(E)	P	(E)	P	(E)	P	(E)	P	
125	PRINCIPAL	F4	B1	–	(E)	(E)	(E)	(E)	W1,(E)	P*	(E)	(E)	(E)	(E)	* (C) ;
127	SECRETARY	F4/F1	B1	–	W1/E	P	(E)	P	(E)	P*	(E)	P*	(E)	(E)	* (O) ; (T)
129	ENTRANCE	F1,F3	B1	–	W1,(E)	P	(E)	P	(E)	P	W1,(E)	P	(E)	P	(L) (P)
130	CORRIDOR	F1	B1	(E),WS2*	(E)	P	(E)	P	–	–	(E)	P	(E)	–	* WSCT@EAST WALL ONLY; (F) (L)
131	KINDERGARTEN CLASSRM	F1,F4	B1	–	(E)	P	(E)	P	(E),W1	P	(E),W1	P	C1	–	(T)
132	STORAGE	F1	B1	–	W1	P	W1	P	(E),W1	P	W1	P	C2	P	
135	GIRLS TOILET	F2	B2	WS1	(E)	P	W1	P	(E)	P	(E),W1	P	C2	P	(M)
137	RESOURCE CLASSROOM	F1	B1	–	(E),W1	P	W1	P	W1	P	W1	P	C1	–	(T)
139	CORRIDOR	F1	B1	(E),WS2*	(E)	P	(E),W1	P	–	–	(E),W1	P	(E)	–	* (D) ; (F) (L)
140	BOYS TOILET	F2	B2	WS1	W1	P	W1	P	W1	P	W1	P	C2	P	(M)
141	JAN.	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
142-146	CLASSROOM(S)	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
147	CORRIDOR	F1	B1	(E),WS2*	(E)W1	P	(E)	P	(E)	P	W1	P	(E)	–	* (D) @ NORTH WALL; (F) (L)
148	STORAGE	F1	B1	–	(E)	P	W1	P	W1	P	W1	P	C2	P	
149	VESTIBULE	F1	B1	–	W1	P	W1	P	W1	P	W1	P	C2	P	(L)
150	STORAGE	F1	B1	–	W1	P	W1	P	W1	P	W1	P	C2	P	
	STAIRWAY A	F3	B3	–	W1	P	W1	P	W1	P	W1	P	C2	P	
	WHEELCHAIR LIFT "A"	F1	B1	–	W1	P	W1	P	W1	P	W1	P	C2	P	
	WHEELCHAIR LIFT "B"	F1	B1	–	(E)	P	W1	P	W1	P	–	–	C2	P	
SECOND FLOOR PLAN															
200	SUPPLIES	F1	B1	–	(E)	P	(E)	P	W1,(E)	P	W1	P	C2	P	
201	WOMEN	F2	B2	WS1	(E)	P	W1	P	W1	P	(E)	P	C2	P	(M)
202	MEN	F2	B2	WS1	(E)	P	(E)	P	(E)	P	W1	P	C2	P	(M)
203	VESTIBULE	F1	B1	–	W1	P	W1	P	(E)	P	(E)	P	C2	P	(L)
204	FACULTY LOUNGE	(E)	(E)	–	(E)	P	(E)	P	(E)	P	(E)	P	(E)	(E)	
205	OFFICE	(E)	(E)	–	(E)	(E)	(E)	P*	(E)	(E)	(E)	(E)	(E)	(E)	* (C)
206	TEXTBOOK STORAGE	F1	B1	–	(E)	P	(E)	P	W1	P	W1	P	C2	P	
207	WORK ROOM	F1	B1	–	W1	P	(E)	P	(E),W1	P	W1	P	C1	–	
208	CLASSROOM	F1	B1	–	(E)	P	W1	P	(E),W1	P	W1	P	C1	–	(T)
209	CLASSROOM	F1	B1	–	(E),W1	P	W1	P	(E),W1	P	W1	P	C1	–	(T)
210	BOYS	F2	B2	WS1	W1	P	W1	P	W1	P	W1	P	C2	P	(N)
211	ELEC.	F1	B1	–	W1	P	W1	P	(E),W1	P	(E),W1	P	C2	P	
212	HALL	F1	B1	WS2	(E)	P	W1	P	–	–	W1	P	C1		(L) (F)
213	GIRLS	F2	B2	WS1	W1	P	W1	P	W1	P	W1	P	C2	P	(N)
214	CLASSROOM	F1	B1	–	(E)	P	(E),W1	P	(E),W1	P	(E)	P	C1	–	(T)
215	JANITOR	F1	B1	WS3	W1	P	W1	P	W1	P	W1	P	C2	P	
216-220	CLASSROOM(S)	(E)	(E)	–	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
221	CORRIDOR	F1	B1	(E),WS2*	(E),W1	P	(E)	P	(E)	P	W1	P	(E),C1	–	* (D) ; (L)
222	STORAGE	F1	B1	–	(E)*	P	W1	P	W1	P	W1	P	C2	P	* (E) ; (F)
223	VESTIBULE	F1	B1	–	W1	P	W1	P	W1	P	W1	P	C2	P	(L)
	STAIRWAY A	F3	B3	–	W1	P	W1	P	W1	P	W1	P	C2	P	

WINDOW TYPES



LOUVER TYPES



FINISH SCHEDULE REMARKS LEGEND

(A) PATCH (E) 12" X 12" ACOUSTICAL TILES TO MATCH (E) ADJACENT TILES; SECURE LOOSE TILES AS NEEDED.

(B) EXISTING WOOD TREADS AND RISERS TO REMAIN AT STAIRWAY 'D' REFINISH WITH NEW CLEAR FINISH; PAINT WOOD BASE.

(C) PAINT WALL TO MATCH ADJACENT WALL COLOR.

(D) MATCH EXISTING WAINSCOT. SEE DETAIL 2/A9.3

(E) PATCH EXISTING NORTH WALL FINISH AFTER REMOVAL OF (E) WAINSCOT.

(F) PROVIDE CLEAR FINISH AT EXISTING WOOD WAINSCOT TO REMAIN.

(G) FOR CERAMIC TILE WAINSCOT PATTERN SEE DETAIL 12/A9.2; FOR SECTION DETAIL SEE DETAILS 19 & 20/A9.2.

(H) FOR FIBERGLASS REINFORCED PANEL– SEE DETAIL 16/A9.2

(J) PAINT EXPOSED DUCTWORK TO MATCH WALL COLOR.

(K) PAINT WALL WHERE VINYL WALL COVERING HAS BEEN REMOVED. WALL COLOR SHALL MATCH EXISTING ADJACENT WALL COLOR.

(L) PROVIDE 2' X 2' CHECKERBOARD VCT FLOOR PATTERN THROUGHOUT CORRIDOR AND AND ANCILLARY AREAS.

(M) SEAMLESS EPOXY FLOOR SYSTEM O/ WATERPROOF MEMBRANE OVER (E) PLYWOOD SUBSTRATE SEE DETAIL 19/A9.2 SIM.

(N) SEAMLESS EPOXY FLOOR SYSTEM O/ WATER PROOF MEMBRANE O/ ACOUS. UNDERLAYMENT O/ (E) PLYWOOD SHEATHING. SEE DETAIL 19/A9.2.

(O) PAINT (E) STEEL DOOR AND WINDOW FRAME.

(P) PROVIDE F3 FLOOR FINISH AND B3 BASE FINISH AT STAIRWAY 'C'.

(Q) COVED BASE – SEE DETS. 19 & 20/A9.2

(R) VINYL COVERED TACKBOARDS AT WALLS – SEE DET. 9/A9.2; FOR LOCATION AND SIZE SEE INTERIOR ELEVATIONS

(S) WHERE CONC. CURBS, PIPING, ETC. ARE REMOVED; LEVEL FLOOR W/CEMENTITIOUS UNDERLAYMENT FOR SMOOTH FINISH.

(T) VINYL COVERED TACKBOARD AT WALL(S) – SEE INTERIOR ELEVATIONS.

ROOM FINISH SCHEDULE KEY

FLOORS					BASE					WAINSCOT					WALLS					CEILING					FINISH						
F1	F2	F3	F4	F5	B1	B2	B3	B4	B5	WS1	WS2	WS3	WS4	WS5	W1	W2	W3	W4	W5	C1	C2	C3	C4	C5	P	–	–	–	–		
VINYL COMPOSITION TILE 12x12	SEAMLESS EPOXY FLOORING SYSTEM	RUBBER STAIR TREADS AND RISERS	CARPET	X	4" RUBBER	6" COVED SEAMLESS EPOXY	STAIR RUBBER SKIRTING	X	X	CERAMIC TILE 4"x4"	WOOD PANEL	FIBER REINFORCED PLASTIC PANELS	X	X	GYPSUM WALLBOARD	X	X	X	X	SUSPENDED 2x4 ACOUSTIC PANEL SYSTEM – TYPE 1	GYPSUM BOARD CEILING OR SOFFIT	X	SUSPENDED 2x4 ACOUSTIC PANEL SYSTEM – TYPE 2	X	PAINT	X	X	X	X		
	(Q)									(G)	(D)	(H)																		

GLAZING TYPES

TYPE 1 – CLEAR GLASS

TYPE 2 – TEMPERED GLASS

TYPE 3 – WIRE GLASS

TYPE 4 – OBSCURE LAMINATED GLASS

TYPE 5 – CLEAR LAMINATED GLASS

WINDOW NOTES

1. FOR LOCATION OF HORIZONTAL LOUVER BLINDS SEE FLOOR PLAN.
2. 2X3 WD. TRIM AT EXTERIOR TO MATCH (E) ADJ. TRIM AT WINDOW TYPES 'A' AND 'B'.

FINISH SCHEDULE NOTES

1. PAINT ALL EXPOSED GYP. BOARD SURFACES INCLUDING SOFFITS AND FASCIA TYP. U.O.N.
2. FOR ALL EXISTING WALL AND CEILING GYP. BOARD SURFACES TO BE EXPOSED AFTER DEMOLITION PATCH ALL SURFACES INCLUDING HOLES, UNEVEN SURFACES OR WHERE WALLS HAVE BEEN REMOVED, ETC. TO MATCH ADJACENT WALL/ CEILING FOR SMOOTH SURFACE.
3. SEE INTERIOR ELEVATIONS FOR LOCATION OF VINYL COVERED TACKBOARD.
4. PAINT ANY NEW EXPOSED WATER SPRINKLER PIPING, MET. DUCTWORK, OR ELECTRICAL CONDUIT (UNLESS FACTORY PREFINISHED) ON THE INTERIOR TO MATCH THE BASE COLOR OF THE ADJACENT SURFACE UNLESS OTHERWISE NOTED ON PLANS.
5. SEE CASEWORK FINISH SCHEDULE AND NOTES ON SHEET A10.3 FOR CASEWORK FINISH.
6. TYPICAL LAYOUT INSTALLATION OF CERAMIC TILE ON WALLS TO BE PER DETAIL 12/A9.2
7. SEE REFLECTED CEILING PLANS FOR CEILING HEIGHTS AND FINISHES.
8. AFTER REMOVAL OF EXISTING VINYL SHEET OR TILE FLOORING AND MASTIC AT CORRIDOR AND STAIR AREAS, PREP EXISTING FLOOR SUBSTRATE FOR SMOOTH FINISH TO RECEIVE NEW VINYL FLOORING.
9. PAINT ALL INTERIOR GALV. STEEL PIPE HANDRAILS AND BRACKETS.
10. TRANSITIONS BETWEEN DISSIMILAR FLOOR MATERIALS SHALL OCCUR AT THE CENTERLINE OF AN INTERVENING DOOR (W.O.) SEE DET. 14/A9.3 FOR TYP. THRESHOLD DETAILS.
11. ALL FLOOR SURFACES ARE TO BE NON–SLIP PER A.D.A. AND TITLE 24 REGULATIONS.
12. CONTRASTING STRIPING IS TO BE PROVIDED ON ALL STAIRS PER A.D.A. AND TITLE 24 REGULATIONS.
13. AT WALLS TO RECEIVE (N) PAINT FINISH, PAINT ALL ADJACENT WOOD OR METAL FRAMES AT DOORS, WINDOWS, CASED OPENINGS, ETC. INCLUDING ALL TRIM.

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LICENSED ARCHITECT LEE KARNEY C 3158 EXP. 12/31/99 STATE OF CALIFORNIA

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FINISH SCHEDULE, WINDOW AND LOUVER SCHEDULE

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: SCALE:
CHECKED BY:

A10.2

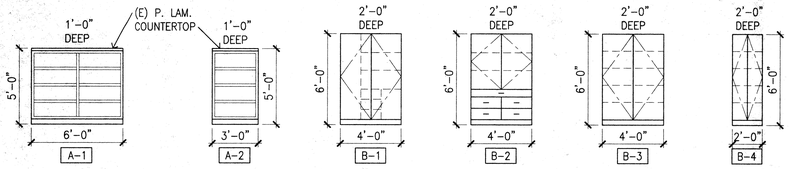
JOB NO: 9714 30 OF 60 SHEETS

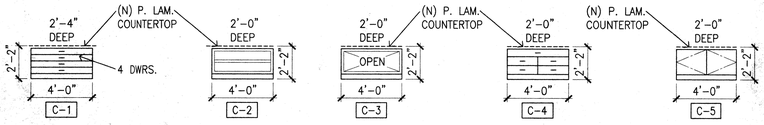
8C146 A WF 2/20/1998

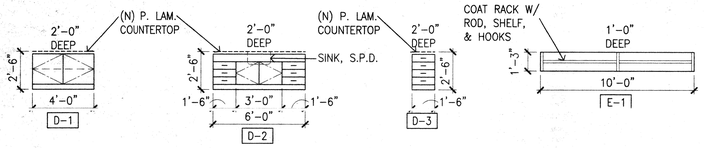
PLOT DATE:
F:\A1001.DWG
JOB NUMBER:
F:\9714ofx\A1002.dwg Tue Feb 17 09:11:41 1998

EXISTING CASEWORK NOTES:

1. CONTRACTOR TO SALVAGE AND RELOCATE EXISTING CASEWORK TO BE REUSED.
2. RELOCATE/INSTALL EXISTING CASEWORK AS INDICATED ON DEMOLITION PLANS AND INTERIOR ELEVATIONS, AND/OR FLOOR PLANS AS IDENTIFIED WITH AN A-1 SYMBOL.
3. FOR ALL CASEWORK ATTACHMENT AND BLOCKING INFORMATION SEE DETAIL 1 & 2/A9.2 SIM.
4. ALL BASE CABINET UNITS TO HAVE NEW COUNTERTOPS PER DETAIL 2/A9.2
5. ALL FULL HEIGHT CABINETS AND BASE CABINETS TO HAVE NEW BASE/TOE KICKS PER DETAIL 7/A9.2 AS NEEDED.
6. CONTRACTOR IS RESPONSIBLE TO REPAIR OR REPLACE ANY EXISTING CASEWORK DAMAGED DURING THE REMOVAL, STORAGE AND REINSTALLMENT PROCESS.
7. VERIFY DIMENSIONS OF EXISTING CASEWORK PRIOR TO INSTALLATION. PROVIDE AND SCRIBE FILLER PANELS AND ADJUST EXISTING CASEWORK AND NEW BASES AS REQUIRED TO MAKE THE EXISTING CASEWORK FIT IN THE NEW LOCATIONS AND ALIGN WITH ADJACENT NEW CASEWORK. DIMENSIONS OF EXISTING CASEWORK GOVERN. FILLER PANELS AND TRIM SHALL MATCH EXISTING CABINET FINISH (NATURAL WOOD GRAIN W/ CLEAR FIN., STAINED TO MATCH EXIST.)







EXISTING CASEWORK LEGEND | 1/4" | 3

1. ALL NEW CASEWORK DRAWERS AND DOORS TO HAVE INDIVIDUAL LOCKS TYP. ALL LOCKABLE CASEWORK WITHIN A ROOM OR ANCILLARY ROOM TO BE KEYED ALIKE, U.O.N. PROVIDE GRAND MASTER KEY TO OPEN ALL CASEWORK.
2. PROVIDE SOLID BACKING IN WALLS FOR ALL WALL-MOUNTED CABINETS. REFER TO CASEWORK ANCHORAGE DETAILS 1 & 2/A9.2, U.O.N.
3. COORDINATE CASEWORK WITH ELECTRICAL AND MECHANICAL SYSTEMS W.O.
4. SEE PLANS AND INTERIOR ELEVATIONS FOR CASEWORK DIMENSIONS.
5. ALL COUNTERTOPS HAVE PLASTIC LAMINATE FINISH AS SHOWN ON DRAWINGS. SEE CASEWORK FINISH SCHEDULE FOR FINISH OF CABINET CASEWORK.
6. FOR RELOCATED EXISTING SALVAGED CASEWORK LEGEND & NOTES, SEE DET. 3/A10.3.
7. NEW CASEWORK TYPE AS INDICATED BY W.I.C. NUMBERS (123) IS SHOWN ON INTERIOR ELEVATIONS.
8. ALL EXPOSED VERTICAL FACES ON CASEWORK TO BE FACED TO MATCH ADJOINING CASEWORK, TYP.
9. ALL BASE CABINETS 24" DEEP U.O.N., ALL UPPER CABINETS 15" DEEP U.O.N., FULL HEIGHT CABINETS AS INDICATED ON DRAWINGS.
10. PROVIDE ONE 1-1/2"ø HOLE AND RUBBER GROMMETT WITH COVER FOR EACH POWER/DATA RECEPTION UNDER COUNTERTOP, TYP.
11. RETURN COUNTER SPLASH AT ADJACENT WALL OR CABINET TYP., W.O., U.O.N. FOR HEIGHT OF SPLASH SEE INTERIOR ELEVATIONS. FOR COUNTER AND SPLASH DET. SEE DET. 2/A9.2.
12. FOR TYPICAL CASEWORK DETAILS AND ANCHORAGE SEE DETAILS 1&2/A9.2

ROOM NAME	ROOM NAME	FINISH TYPE
6	WORKROOM	B
7	LIBRARY	*A & B
116	VESTIBULE	B
117	STAGE WORKRM.	B
124	FIRST AID	B
127	SECRETARY	C
131	KINDERGARTEN	A
132	STORAGE	B
137	RESOURCE CR.	A
150	STORAGE	B
200	SUPPLIES	B
204	FACULTY LOUNGE	B
206	TEXTBOOK STOR.	B
207	WORKROOM	B
208	CLASSROOM	A
209	CLASSROOM	A

*FINISH TYPE 'B' AT CHECK-OUT COUNTER CASEWORK ONLY; SEE DET. 5/A9.4

FINISH MATERIAL TYPES

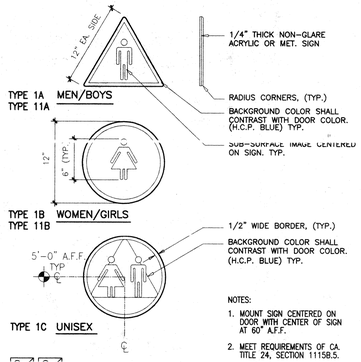
A. WOOD VENEER:
AT EXPOSED SHELVING PROVIDE WOOD VENEER FACING ON INTERIOR AND ON SHELVES. AT DOORS PROVIDE WOOD VENEER FACING AT EXTERIOR AND PLASTIC LAMINATE LINER AT INTERIOR.

B. PLASTIC LAMINATE:
AT ALL EXPOSED EXTERIOR AND INTERIOR SURFACES INCLUDING DOORS AND SHELVES.

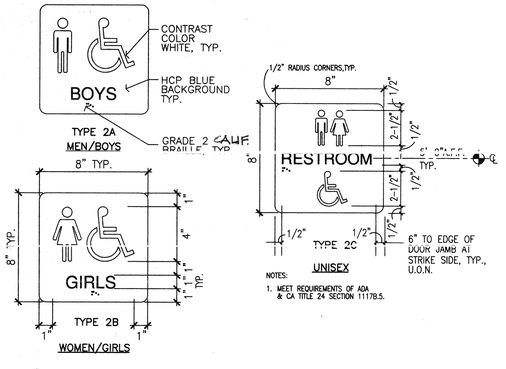
NEW CASEWORK NOTES | 5 | NEW CASEWORK FINISH SCHEDULE | 4

SIGN SCHEDULE (NOTE: SEE DET. 1/A10.3 FOR ADDITIONAL SIGN INFORMATION)

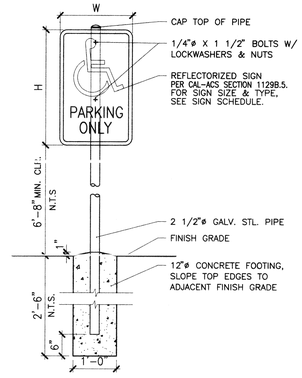
SIGN TYPE	SIGN TYPE DESCRIPTION	SIZE	MATERIAL	MOUNTING	MTG. HEIGHT	REMARKS
S/1	TOILET ROOM SIGN	12" *	PLASTIC	DOOR	5'-0" CTR. LINE A.F.F. CENTERED ON DOOR	*SEE DET. 1/A10.3; SEE DOOR SCHEDULE SHT. A10.1 FOR PARTICULAR SIGN TYPE
S/2	TOILET ROOM SIGN	8" X 8"	PLASTIC	WALL	5'-0" CTR. LINE A.F.F. NEAR STRIKE SIDE OF DOOR U.O.N.	SEE DOOR SCHEDULE SHEET A10.1 FOR PARTICULAR SIGN TYPE
S/3	WHEELCHAIR LIFT SIGN	6" X 8"	PLASTIC	DOOR *	–	*MOUNT ON DOOR LEADING TO WHEELCHAIR LIFT; SEE DOOR SCHEDULE SHEET A10.1
S/4	ACCESS DIRECTIONAL SIGN	6" X 8"	PLASTIC	WALL	5'-0" CTR. LINE A.F.F.	FOR TYPE & LOCATION, SEE FLOOR PLANS
S/5	ROOM IDENTIFICATION SIGN	2-1/2" X LENGTH REQUIRED (5" MIN.)	PLASTIC	WALL	5'-0" CTR. LINE A.F.F. NEAR STRIKE SIDE OF DOOR U.O.N.	ROOM NAME/NUMBER. VERIFY LOCATION AND QUANTITY WITH SCHOOL. QUANTITY: ASSUME 30 TOTAL SIGNS. MOUNT ADJACENT TO LOCK SET.
S/6	ELEVATOR EMERGENCY SIGN	7" X 6"	PLASTIC	WALL	5'-0" ABOVE ELEV. CALL BUTTON.	SIGN TO CONFORM TO REQUIREMENTS OF CA. TITLE 24 PART 2, SECTION 3003.6.
S/7	ROOM CAPACITY SIGN	4" X LENGTH REQUIRED	PLASTIC	WALL	7'-0" A.F.F. MOUNT ABOVE MAIN ROOM EXIT DOOR.	ONE SIGN PER ROOM. SEE SPECS FOR INFORMATION. INDICATE NUMBER OF OCCUPANTS PERMITTED IN EACH ROOM, REQUIRED FOR ROOMS 100, 144 & 145, 218 & 219.
S/8	ACCESSIBLE ENTRANCE/DOOR SIGN	6" X 6"	METAL	DOOR	–	MOUNT ON ACCESSIBLE ENTRY DOOR; SEE DOOR SCHEDULE, SEE SHT A10.1
S/9	ACCESSIBLE ENTRANCE – DIRECTIONAL	8" X 8"	METAL	WALL	5'-0" A.F.F	FOR TYPE & LOCATION, SEE FLOOR PLAN AND/OR SITE PLAN
S/10	DISABLED PARKING SIGN	12" X 9"	METAL	POST	6'-8" BOTTOM OF SIGN TO FIN. GRADE	SEE SITE PLAN SHT. A1.0 FOR LOCATION; FOR FOOTING SEE DET. 2/A10.3
S/11	TOILET ROOM SIGN	12"*	METAL	DOOR	5'-0" CTR. LINE A.F.F. CENTERED ON DOOR	* SEE DET. 1/A10.3; SEE DOOR SCHEDULE SHT A10.1 FOR PARTICULAR SIGN TYPE
S/12	BOOK DROP SIGN	2 1/2" X LENGTH REQUIRED (5" MIN.)	PLASTIC	FACE OF CAB'T	*	* SEE DET. 5/A9.4; COPY TO READ: "BOOK DROP"



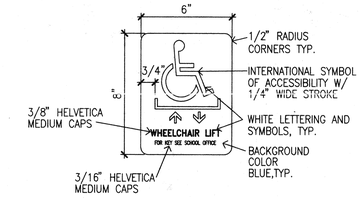
S/1 S/11 TOILET ROOM SIGN



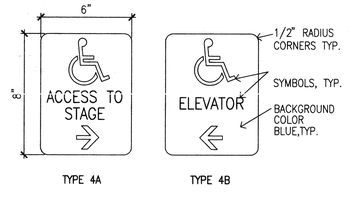
S/2 TOILET ROOM SIGN



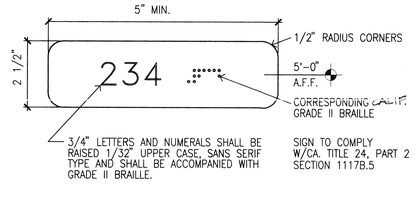
HCP PARKING SIGN/FOOTING | N.T.S. | 2



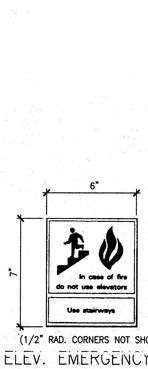
S/3 WHEELCHAIR LIFT



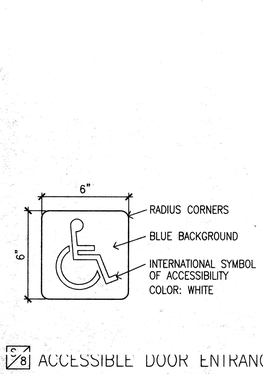
S/4 ACCESS DIRECTIONAL



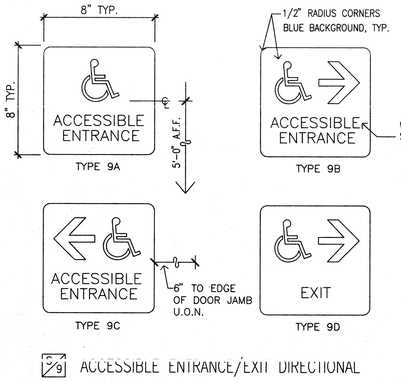
S/5 ROOM IDENTIFICATION SIGN



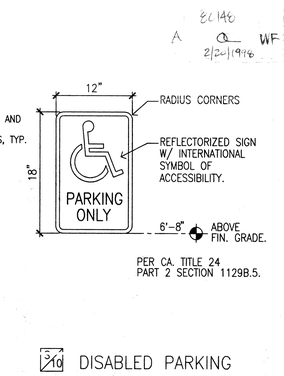
S/6 ELEV. EMERGENCY SIGN



S/8 ACCESSIBLE DOOR ENTRANCE



S/9 ACCESSIBLE ENTRANCE/EXIT DIRECTIONAL



S/10 DISABLED PARKING

SIGN TYPES AND SIGN SCHEDULE | NTS | 1

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ARCHITECT'S STAMP

CONSULTANT'S STAMP

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SIGN SCHEDULE
CASEWORK SCHED.
AND NOTES

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: SCALE:
CHECKED BY:

A10.3

JOB NO: 9714 | 31 OF 60 SHEETS

8C149 A 2/24/1998 WF

PLOT DATE: 2/23/98
F:\ A1001.DWG
JOB NUMBER : E:\9714ox\A\A1003.dwg Fri Feb 13 14:59:03 1998

A. CODES AND STANDARDS:

1. California Building Code, C. C. R., Title 24, Part 2, 1995 (Uniform Building Code, 1994 Edition with California amendments).
2. ~~Specifications for the Design, Fabrication, and Erection of Structural Steel for Buildings, American Institute of Steel Construction, November 1, 1978~~
3. Building Code Requirements for Reinforced Concrete (ACI 318-95) American Concrete Institute
4. Manual of Standard Practice Concrete Reinforcing Steel ACI 315-R94
5. Structural Welding Code – Steel, AWS D1. 1, 1996

B. SPECIFICATIONS:

1. The General Notes are not a substitute or a replacement for the project specifications.
2. These notes are intended as a guide to the design and/or construction requirements established for this project. No contractor should attempt to design, bid, or construct any portion of the work herein without consulting the Project Specifications.
3. Where conflicts occur between these notes and the specifications, the more stringent requirement shall apply unless a written clarification is issued by the Structural Engineer.

C. DESIGN LOADS:

1. Gravity Loads:

	Superimposed Loads DL	LL
Classrooms	10 psf	40 psf
Stairs:	10 psf	100 psf
Roofs:	10 psf	20 psf

2. Wind Loads per UBC:
   Wind Speed 70 mph
   Exposure C
   Frame Design Pressure 21 psf
3. Seismic Loads per 1994 UBC :
   Zone 4
   Rw = 8 (Plywood shear walls, 1 story)
   I = 1.15 (school buildings)

4. FOUNDATIONS:

Foundation design is based report #3203-6-97A by Joseph Provenzano dated August 6, 1997. Allowable bearing pressures on strip footings are 2000 psf for DL+LL, 2600 psf for DL+LL+EQ.

D. SLABS ON GRADE:

1. Slabs on grade shall be 4 inches of normalweight concrete, reinforced with WWF6x6–W2.9xW2.9 underlain by 2 inches of sand on 6 mil polyethylene sheet over 4 inches of free draining gravel.
2. Ramp slabs have been designed as structural slabs spanning between side walls and may be cast over uncompacted backfill between the walls as shown on the structural details

E. CONCRETE:

1. Concrete shall have a 28–day compressive strength and density in accordance with the following:

	Strength	Density
Slabs on grade, grade beams, footings	3.0 ksi	145 pcf

2. Concrete Mix Designs: See specifications.

F. REINFORCING STEEL:

1. Reinforcing shall be domestic new billet steel conforming to ASTM A615, Grade 60 or 60S including stirrups and ties, except reinforcing that is required to be welded shall be ASTM A706.
2. Field bending of concrete reinforcing steel is not permitted.
3. Welded wire mat and fabric shall conform to ASTM A184 and A185 respectively.
4. All reinforcing shall be detailed, fabricated and placed in accordance with the ACI Detailing Manual and the CRSI Manual of Standard Practice, latest editions.
5. Minimum concrete cover over reinforcing shall be U. N. O. :
   a. unformed surface cast against earth ..... 3 in.
   b. Formed surface exposed to earth/weather ..... 2 in.
   c. Formed surface not exposed to earth/weather:
      Beams, girders, columns ..... 1–1/2 in.
      Slabs, walls, joists ..... 3/4 in.
6. Development lengths and lap splices shall be in accordance with the following, U.N.O.
   f'c = 3 ksi fy = 60 ksi

Bar	Tension Splices (in.) Development Length	Splice Length	Length w/ Std. Hook
#3	22	28	9
#4	27	35	11
#5	33	42	14
#6	38	49	17
#7	46	59	20
#8	57	75	22
#9	73	95	25
#10	89	116	28
#11	122	158	31

7. Reinforcing bars shall be welded only where shown on the structural drawings and welds shall be in accordance with the Structural Welding Code – Reinforcing Steel (AWS D1. 4). No other reinforcing may be welded without the approval of the Structural Engineer.
8. Welded wire mat/fabric shall be lapped 1"–0 in. at all splices.
9. Submit shop drawings for fabrication, bending, and placement of concrete reinforcement. Comply with ACI detailing manual (SP–66) showing bar schedules, stirrup spacing, diagrams of bent bars, arrangement of concrete reinforcement. Include special reinforcement required at openings through concrete structures. Include all accessories specified/required to support reinforcing.
10. Shop drawings shall be reviewed by the Contractor prior to submission. Drawings shall bear the Contractor's approval stamp accepting responsibility for dimensions, quantities and coordination with the other trades.

G. STRUCTURAL STEEL:

1. All structural steel shall be of the following grades:

Rolled shapes	A36 or A572 Grade 50
Steel pipe	ASTM A53, Grade B
Steel tubes	ASTM A500, Grade B (Fy=42 ksi)
Plates and bars	A36 U. N. O.
Miscellaneous	A36 U. N. O.

   Lintel angles on the exterior of the building shall be galvanized.
2. All structural steel shall be detailed, fabricated and erected in accordance with the AISC Code of Standard Practice as modified in these notes and the project specifications.
3. Submit shop drawings for details, fabrication, and erection of structural steel. Comply with AISC in.Steel Construction Manual in., AISC in.Detailing for Steel Construction in., and AISC in.Engineering for Steel Construction in. publications.
4. Shop drawings shall be reviewed by the Contractor prior to submission. Drawings shall bear the Contractor's approval stamp accepting responsibility for dimensions, quantities and coordination with the other trades.
5. Use A325–N BOLTS FOR ALL STEEL–TO–STEEL CONNECTION, U.N.O.

H. WOOD FRAMING:

1. Unless noted otherwise on the drawings or in these notes all wood framingshall be Douglas Fir, No. 1, at a moisture content of 19% or less with the following minimum properties:
   Dimensioned Lumber
   Flexural Stress 900 psi
   Horizontal Shear Stress 90 psi
   Modulus of Elasticity 1,200,000 psi
   Beams and Posts
   Flexural Stress 1350 psi
   Horizontal Shear Stress 90 psi
   Modulus of Elasticity 1,200,000 psi
2. All lumber shall have a moisture content of 19% or less (as tested with a standard moisture meter) prior to closing in the framing.
3. All sill plates and framing in the crawl space shall be pressure treated Douglas fir stamped to show compliance with AWPA standards.
4. Install 1/2" grout bed under all ext., shear, and brg walls
5. Bolt holes shall be bolt dia + 1/16", max. Bolts shall have no upset threads. Re–tighten bolts before closing–in.
6. Plywood sheathing for roof shall be APA Structural I 1/2 in. Exposure 1 C–D with a span rating of 24/0
7. Nailing shall conform with the minimum requirements contained in Table 23A–I–Q of CCR Title 24 unless more stringent requirements are shown on these drawings. Nailing requirements shown on diaphragm details shall be used.
   a. All nails are common nails, where power nails are used, they shall be equivalent in diameter to the common nails indicated
   b. Predrill all holes when necessary to prevent splitting
8. Where bolts and plates are called for on the drawings plates shall conform to ASTM A36 and bolts to ASTM A307
   a. No upset threads permitted.
   b. Holes for bolts shall be 1/16" oversize
   c. Retighten all bolts prior to closing in
   d. Moleable iron washers
   e. Plate washers where shown on drawings
9. Where shear wall is noted on the plans the exterior plywood sheathing is used as part of the lateral load resisting system and the following requirements apply:
   a. Use 1/2 in. (unless noted otherwise on drawings) APA Structural I plywood, exterior exposure. (see specs)
   b. The shear wall extends between consecutive king studs, which are the boundary studs, at adjacent wall openings.
   c. Boundary studs shall be minimum 3x solid
   d. Plywood edges within the extent of the shear wall shall be blocked using 3 in. nominal thickness members
   e. Provide hold down anchors at all boundary elements in accordance with shear wall schedule
   f. Provide nailing in accordance with shear wall schedule
   g. Provide sill plate anchor bolts at spacing indicated in schedule
   h. Where floor or roof diaphragms abut shear walls provide minimum 8d @ 3 in. nailing between diaphragm and blocking or rim joist and Simpson A35 @ 12 in. between blocking or rim joist and wall by top plate.
   i. Provide collector continuity at all elements in line with shear walls by using strap ties at rim joist splices, at top plate splices, and at joints between top plates and header beams in accordance with the typical details this sheet.
   j. Provide continuity at the corners of all door, window, and mechanical openings in shear walls by providing continuous Simpson CS20 strap ties in line with the heads and sills extending 2 stud spaces beyond the last opening and nailed into 3x (min.) blocking with 5–8d nails per stud space. Preferable locations for strap are on outside of plywood or on the back side of the blocking opposite the plywood.
10. MACHINE APPLIED NAILING:
    The use of machine applied nailing is subject to satisfactory jobsite demonstration for each project and the approval by the project Architect or Structural Engineer and the Office of Regulatory Services. The approval is subject to continued satisfactory performance. Machine nailing will not be approved for 5/16" plywood. If nailheads penetrate the outer ply more than would be normal for a hand hammer or if minimum allowable edge distances are not maintained the performance will be deemed unsatisfactory.

I. Expansion Bolts

1. Expansion bolts shall be wedge type zinc–plated or stainless steel Hilti, Red Head, or ICBO approved equal bolts with safe working capacities in 3000 psi conforming to the values listed under ?Drilled in Anchor Installation and Testing
2. Retarque expansion anchors after 24 hr.
3. Install in accordance with manufacturers recommendations
4. Test anchors in accordance with methods listed under ?Drilled in Anchor Installation and Testing?.

J. Grouted Anchors

1. Where new concrete abuts and is intended to work monolithic with existing concrete provide reinforcing anchored in nonshrink grout in accordance detail 3/S1.0
2. Use grouted bolts installed in accordance with detail 7/S1.0 for all sill and hold down bolts.
3. See specifications for acceptable grout manufacturers and required strengths
4. Test in accordance with procedures in ?Drilled in Anchor Installation and Testing' except that grout should be cured a minimum of 7 days or until it has reached 75% of its rated strength and the test loads should conform to the table in 7/S1.0
5. Install in accordance with manufacturers recommendations and these notes. Where the requirements conflict the more restrictive requirement shall govern.
6. Holes shall be drilled with a roto–hammer.
7. Clean holes by blowing out with compressed air utilizing an extension nozzle capable of reaching the bottom of the hole; wire brushing, and blowing out. Repeat until all surfaces are cleaned.
8. Items to be embedded must be clean, free of rust, free of petroleum based products, and free of all deleterious substances identified by manufacturer
9. Grouted anchors shall be subject to Special Inspection per UBC Section 306. The special inspector shall verify:
   a. Holes are correct diameter and depth
   b. Holes are clean
   c. Proper grout is used
   d. Grout is correctly mixed and installed in accordance with manufacturer?s recommendations.
   e. Threaded rods or dowels are clean and of correct diameter
   f. Threaded rods or dowels are embedded to specified depths
   h. Dowels or threaded rods are inserted before grout sets in accordance with manufacturer?s recommended time
10. Anchors shall not be moved or loaded before curing time is reached.

K. Low Velocity Fasteners

1. Where called for on the drawings use Hilti DN72P8R36 Dome Head Nail low velocity fasteners with a smooth shank and a shank diameter of 0.145 in. or ICBO approved equal to fasten wood framing to structural steel members or to concrete.
2. Drive fastener through 1 7/16 in. diameter, 0.06 in. thick washer
3. Fasteners used shall provide the following minimum shear strengths when used to fasten framing to 1/4 in. or greater steel material:
   Fastener Maximum Safe Working Load Design Value 2 in. Nominal Framing
   Hilti DN 300 lb. 94 lb.
   (These values may be increased 33% for seismic and wind loads)
3. Fasteners used shall provide the following minimum shear strengths when used to fasten framing to concrete:
   Fastener Maximum Safe Working Load Design Value 2 in. Nominal Framing
   Hilti DN 160 lb. 94 lb.
   (These values may be increased 33% for seismic and wind loads)

DRILLED–IN ANCHOR INSTALLATION AND TEST CRITERIA

1. UNLESS OTHERWISE NOTED, ANCHORS SHALL MEET OR EXCEED THE ALLOWABLE TENSION AND SHEAR CAPACITIES GIVEN IN THE TABLE BELOW, BASED ON 3000 PSI CONCRETE WITH A CURRENT ICBO REPORT.
2. ANCHOR DIAMETER IS AS NOTED ON THE DRAWINGS AND REFERS TO THE THREAD SIZE FOR ANCHORS.
3. APPLY PROOF TEST LOADS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE NUT AND INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH AND APPLY LOAD.
4. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED ADJACENT TO THE ANCHOR BEING TESTED, PROVIDED THAT THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE(S)
5. TEST A MINIMUM OF 50% OF THE INSTALLED ANCHORS FOR THE PROOF LOADS NOTED IN THE TABLE BELOW.
6. TEST EQUIPMENT TO BE CALIBRATED BY A TESTING LABORATORY APPROVED BY THE CONTRACTING OFFICER USING STANDARD RECOGNIZED PROCEDURES.
7. THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:
   HYDRAULIC RAM METHOD – THE ANCHOR SHOULD HAVE NO OBSERVABLE MOVEMENT AT THE APPLICABLE LOAD.
8. TESTING SHOULD OCCUR A MINIMUM OF 24 HOURS AFTER INSTALLATION OF THE SUBJECT ANCHORS.
9. WHEN INSTALLING DRILLED–IN ANCHORS AND/OR POWDER DRIVEN PINS IN EXISTING CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING. MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED–IN ANCHOR AND/OR PIN.

EXPANSION BOLT TEST LOADS

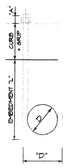
DIAMETER (IN.)	EMBED (IN.)	MAXIMUM PERMITTED TENSION (LBS.)	MAXIMUM PERMITTED SHEAR (LBS.)	TENSION TEST LOADS (LBS.)
3/8	2 1/2	820	1000	1640
1/2	3 1/2	1300	1668	2600
5/8	4	1800	2500	3600
3/4	4 3/4	2440	3492	4880
1	6	4800	5600	9600

STRUCTURAL ABBREVIATIONS

ABBREV.	DEFINITION	ABBREV.	DEFINITION
A.B.	anchor bolts	EOM	edge of masonry
ADDNL	additional	EOS	edge of slab
A.F.F.	above finished floor	EW	each way
ALT	alternate	EXIST	existing
ARCH	architectural	EXP	expansion
B. BOT	bottom	EXT	exterior, extension
B&E	boundary and edge	FL	floor
B.B.	bond beam	FOS	face of stud
BLL.	brick ledge	FP	full penetration
BLDG	building	FTG	footing
BM	beam	FS	far side
BRG	bearing	GB	grade beam
BTWN	between	GEN	general
CJ	const./control joint	HK	hook
CL/CLR	clear	HORZ	horizontal
CMU	conc. masonry unit	IF	inner face
COL	column	INT	interior
CONC	concrete	JT	joint
CONN	connection	L, LEN	length
CONST	construction	LAT	lateral
CONT	continuous	LLH	long leg horizontal
DET,DTL	detail	LLV	long leg vertical
DIM	dimension	LONG	longitudinal
DK	deck	MAS	masonry
DS	diagonal sheathing	MAX	maximum
DWGS	drawings	MECH	mechanical
DWL	dowel	MFR	manufacturer
EA	each	MIN	minimum
E.E.	extended end	M.L.	metal
EF	each face	NOM	nominal
EFF	effective	NS	normal sheathing
EJ	expansion joint	OF	outer face
EL.ELEV	elevation	O.H.	opposite hand
EOC	edge of concrete	OPNG	opening
EOD	edge of deck	PC	precast
		PL	plate

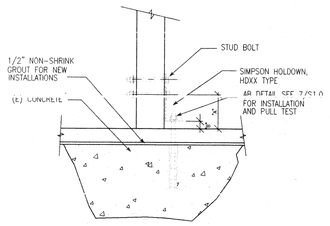
TABLE 23A–I–Q – MINIMUM NAILING REQIREMENTS	
CONNECTION	COMMON NAILS
1. Joist sill or girder, toenail	3–8d
2. Bridging to joist, toenail each end	2–8d
3. 1"x6" subfloor or less to each joist, face nail	2–8d
4. Wider than 1"x6" subfloor or less to each joist, face nail	3–8d
5. 2" subfloor to joist or blocking, blind and face nail	2–16d
6. Sole plate to joist or blocking, face nail Sole plate to joist or blocking, at braced panels	16@16" 3–16d per 16"
7. Top plate to stud, end nail	2–16d
8. Stud to sole plate	4–8d toenail or 2–16d end nail
9. Double studs, face nail	16D@24"
10. Double top plates, face nail Double top plates, lap splice	16d@16" 8–16d
11. Blocking between joists or rafters to top plate, toe nail	3– 8d
12. Rim joist to top plate, toe nail	8d @ 6"
13. Top plates, laps and intersections	2–16d
14. Continuous header, two pieces	16d@16" o.c. along each edge
15. Ceiling joists to plate, toenail	3–8d
16. Continuous header to stud, toenail	4–8d
17. Ceiling joists, laps over partitions, face nail	3–16d
18. Ceiling joists to parallel rafters, face nail	3–16d
19. Rafter to plate, toe nail	3–8d
20. 1" brace to each stud and plate, face nail	2–8d
21. 1"x8" sheathing or less to each bearing, face nail	2–8d
22. Wider than 1"x8" sheathing to each bearing, face nail	3–8d
23. Built–up corner studs	16d@24" o.c.
24. Built–up girder and beams	20d@32" o.c. at top and bottom and staggered 2–20d at ends and at each splice
25. 2" planks	2–16d at each bearing
26. Plywood subflooring 3/4"	10d@6" B&E, 10d@12" field
27. Plywood sheathing 1/2" or less	4" 6" 10d@2" B&E, 10d@12" field
28. Interior paneling 1/4" or less 3/8" or more	4d@6" B&E, 4d@12" field (finish) 6d@6" B&E, 6d@12" field (finish)

10 NAILING SCHEDULE
SCALE : NTS



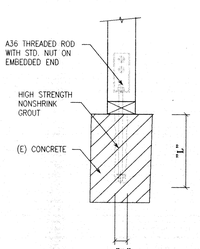
BOLT DIAMETER	"L" in.	"A" in.	"D" in.
5/8"	8	1	4
3/4"	12	1 1/4	5
1"	16	1 1/2	6
1 1/4"	20	1 3/4	8
1 1/2"	24	2	9

9 TYPICAL ANCHOR BOLTS
SCALE : N.T.S.



TYPE FITTING	"A"	"B"	STUD BOLT DIA
HD5A	6 3/4" MIN	1" MIN	3/4"
HD6A	7 3/4" MIN	1" MIN	7/8"

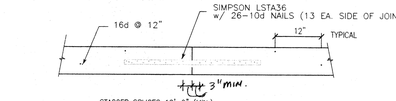
8 TYPICAL HOLDOWN VERTICAL LOCATION
SCALE : 1"=1'–0"



BOLT SIZE	"L"	"D"	PROOF LOAD
1/2"	6"	1 1/2"	5,000 lb.
5/8"	8"	1 3/4"	8,000 lb.
3/4"	12"	1 3/4"	12,000 lb.
1"	16"	2"	17,000 lb.

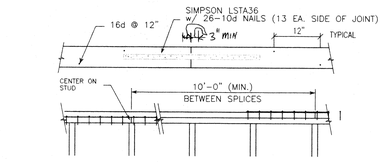
NOTES:
1. LOCATE (E) REINFORCING STEEL
2. DRILL HOLE OF DIAMETER INDICATED TO THE DEPTH INDICATED TAKING CARE NOT TO CUT (E) REINFORCING
3. CLEAN HOLE WITH DRILL MOUNTED WIRE BRUSH AND BLOW CLEAN WITH COMPRESSED AIR
4. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PRODUCT USED REGARDING SURFACE TREATMENT
5. PUT 1" OF GROUT IN BOTTOM OF HOLE
6. PUSH IN ANCHOR WITH NUT ATTACHED, FORCING GROUT AROUND END AND NUT
7. FILL BALANCE OF HOLE WITH GROUT
8. HOLD BOLT CENTERED IN HOLE BY POSITIVE MEANS UNTIL GROUT HAS SET UP
8. DO NOT LOAD BOLT UNTIL GROUT HAS ATTAINED FULL STRENGTH

7 TYPICAL GROUTED BOLTS
SCALE : 1"=1'–0"



STAGGER SPLICES 10'–0" (MIN.)
WHERE PLAN CALLS FOR DOUBLE MEMBER USE SPLICE FOR BOTH
ALLOWABLE TENSION THROUGH THE SPLICE IS 1300 lb.

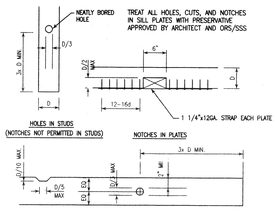
TYPICAL RIM JOIST SPLICE



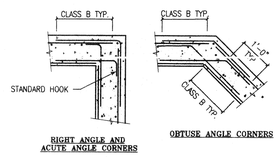
USE DETAIL ON BOTH PLATES WHERE CALLED FOR ON PLAN
ALLOWABLE TENSION THROUGH THE SPLICE IS 1300 lb.

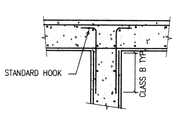
TYPICAL TOP PLATE SPLICE

6 TYPICAL DIAPHRAGM BOUNDARY ELEMENT SPLICES
SCALE : 3/4"=1'–0"

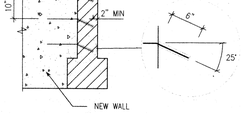


5 TYPICAL NOTCHES AND HOLES
SCALE : 1"=1'–0"



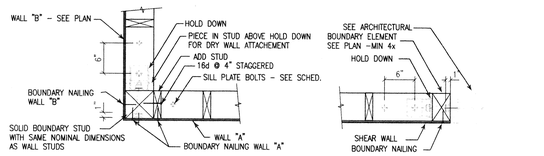


4 TYPICAL WALL AND GRADE BEAM INTERSECTIONS
SCALE : 1/2"=1'–0"



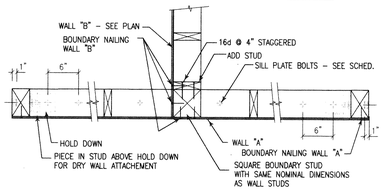
3 TYP. DOWELS AT EXISTING
SCALE : NTS

*** NOTE: WHERE NEW HOLD DOWNS ARE INSTALLED ON EXISTING WALLS USE SISTER STUD AS REQUIRED TO BUILD UP BOUNDARY STUD TO MIN. 3x THICKNESS NAIL SISTER TO EXISTING STUD WITH 20–16d NAILS @ 4" STAGGERED FOR HD5 40–16d NAILS @ 3" STAGGERED FOR HD7



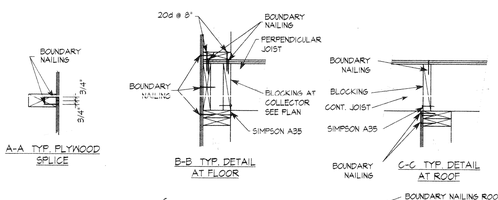
TYPICAL CORNER INTERSECTION

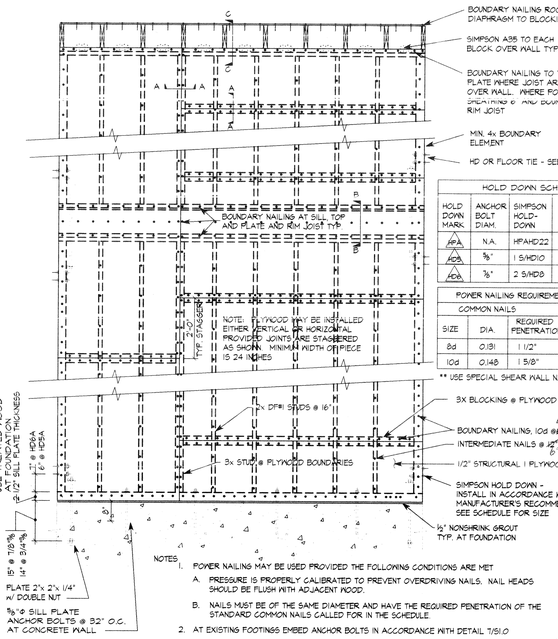
TYPICAL END



TYPICAL "TEE" INTERSECTION WITH HOLD DOWNS ON ADJACENT WALLS

2 TYPICAL SHEAR WALL INTERSECTIONS
SCALE : 1"=1'–0"





HOLD DOWN SCHEDULE				
HOLD DOWN MARK:	ANCHOR BOLT DIAM.	SIMPSON HOLD–DOWN	STUD BOLTS	ENDRY STUDS
APA	N.A.	HPAHD22	4–½"ø	2
ADA	⅝"	1 5/HDI0	2–⅝"ø	2
ADA	⅞"	2 5/HD8	2–⅞"ø	2

POWER NAILING REQUIREMENTS			
COMMON NAILS			
SIZE	DIA	REQUIRED PENETRATION	EQUIVALENT POWER NAIL
8d	0.131	1 1/2"	10d
10d	0.148	1 5/8"	**

** USE SPECIAL SHEAR WALL NAILS

NOTES:
1. POWER NAILING MAY BE USED PROVIDED THE FOLLOWING CONDITIONS ARE MET
   A. PRESSURE IS PROPERLY CALIBRATED TO PREVENT OVERDRIVING NAILS. NAIL HEADS SHOULD BE FLUSH WITH ADJACENT WOOD.
   B. NAILS MUST BE OF THE SAME DIAMETER AND HAVE THE REQUIRED PENETRATION OF THE STANDARD COMMON NAILS CALLED FOR IN THE SCHEDULE.
2. AT EXISTING FOOTINGS EMBED ANCHOR BOLTS IN ACCORDANCE WITH DETAIL 7/S1.0

1 TYPICAL SHEAR WALL DETAILS
SCALE : 1/2"=1'–0"

VBN ARCHITECTS
501 14TH STREET, SUITE 300
OAKLAND, CA 94612
TELEPHONE (510)763–1313
☐ IL KWON CHA AIA
☐ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 3158 12/31/98 STATE OF CALIFORNIA

ARCHITECT'S STAMP

REGISTERED PROFESSIONAL ENGINEER GREGORY P. LUTH No. S2718 STRUCTURAL STATE OF CALIFORNIA

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CONSULTANT'S STAMP

Oxford Elementary School Modernization

1130 Oxford Street • Berkeley, CA 94707

BERKELEY UNIFIED SCHOOL DISTRICT

GENERAL NOTES & DETAILS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: GPL SCALE: AS NOTED
CHECKED BY:

S1.0

JOB NO: 9714 | 32 OF 60 SHEETS

2/20/98 A 2/20/98 WF

PLOT DATE:
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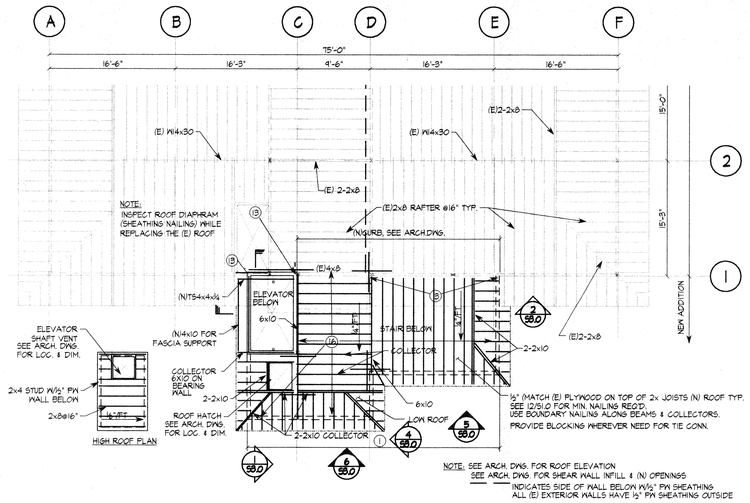
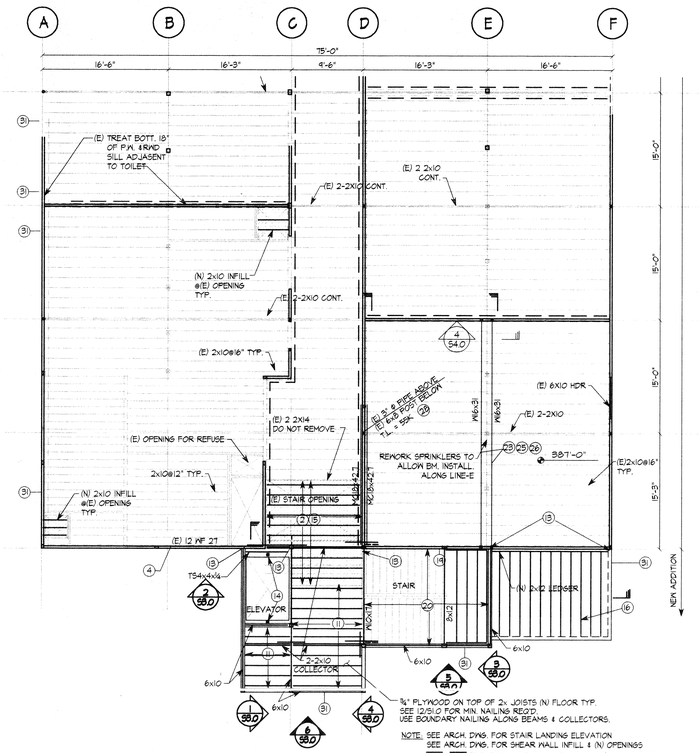
JOB NUMBER :



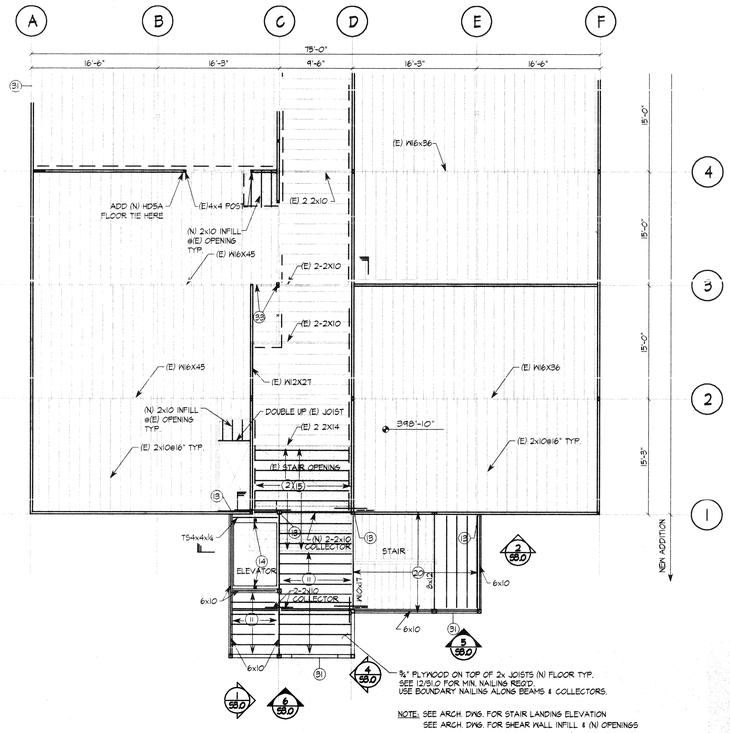
4 **ROOF PLAN**

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



2 **FIRST FLOOR PLAN**

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



3 **SECOND FLOOR PLAN**

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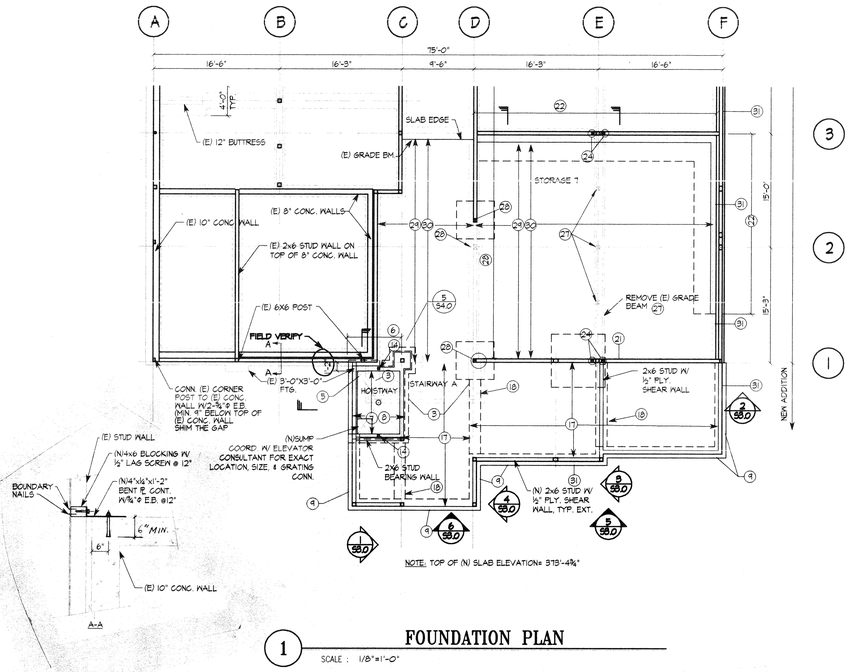

1 **FOUNDATION PLAN**

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

A 8/2/98
2/20/1998 WF

TASK NOTES

1. Demolish section of roof between north and south walls of new stair-elevator core back to header at building line.
2. Demolish existing stair and stair landings between basement and 1st, and between 1st and 2nd and the projecting walls on three sides from foundation to roof.
3. Demolish section of (E) stair wall footing and slab on grade outside building line to clear new elevator pit footprint.
4. Shore W12x27 header over mechanical louver at basement on north side of stair.
5. Demolish 3'-0"x3'-0" footing under 6x6 post under south side of W12 header back to line of continuous strip (RE: C/S13 for (E) strip configuration. See 1/S3.0.
6. Underpin remaining portion of the 3' pad mentioned in item 5 above and the strip footing adjacent to proposed elevator for a distance of approximately 8' in the north south direction. Construct underpinning flush with face of strip footing to a depth of MIN. 18" below the proposed elevator pit elevation. Construct underpinning in 3'-0" wide section. See 1/S3.0.
7. Construct pad for elevator pit 12" thick extending from the underpinning to 14" outside the clear hoistway on all three sides. See 1/S3.0.
8. Construct elevator pit walls 8" thick with a 2" ledge at the slab on grade to provide a 6" stem wall. See 1/S3.0.
9. Construct a 18"x12" strip footing bearing 24" below the slab on grade with a 6" stem wall at all exterior walls but side of S.O.G. See 1/S4.0.
10. Extend the existing east west strip footing on the south side of the existing stair approximately 6'-6" outside existing footprint to carry bearing wall at north side of new stair. (NOT USED)
11. Provide conventional wood floor construction with 2x6 @ 16" stud bearing walls and 2x10 @ 16" floor joists at 1st and 2nd floors.
12. Provide C5x9 @ floor levels ground two exterior walls of new stair. See 5/S4.0. (NOT USED)
13. Provide Simpson ties or other connections between new addition & (E) building. See 3/4/S3.0, & 13/14/16/S4.0.
14. Provide TS3½x3½x5/16 with 5x10 end plates and 2 - ¾" lag bolts at each floor to 6x10 on east and west sides of hoistway from top pit walls to roof for guide rail supports. See 1/S3.0.
15. Provide 2x10 infill between corridor walls at (E) stair opening at 1st and 2nd floors.
16. Provide 2x10 roof framing.
17. Provide a 5" slab on grade with #4 @ 12" o.c. each way on 2" sand layer over 6 mil visqueen underlain by 4" of select granular fill in addition. Use #4 epoxy dowel @ 12" o.c. between new slab and (E) footing when it is encounted.
18. Thicken the slab. See 2/S4.0.
19. Fill up (E) louver.
20. Provide conventional wood framed stairs from basement to 1st and from 1st to 2nd floors. See 2/S3.0 for more details.
21. Frame new door in (E) wall on Line 1 between new library and work room. Shore first floor. Cut away portion of plywood at new door area. Remove 3 horizontal studs and cut bottom portion of 2 vertical studs to the right length. (Number of studs to be removed or cut depends on door location and geometry.) Install door header. Connect remaining portion of vertical studs to door header. Refroll plywood to vertical and horizontal members around the door.
22. Underpin approximately 34 feet of wall along line B from Lines F to D. Turn at the corner of Line B & F and continue the underpinning along Line F west of Line B for approximately 23 feet. Underpinning should be done in 3' Sections. Every 3rd section can be done simultaneously. Provide a 12" thick "L" footing at the bottom of the underpinning at approximately elevation 371'-4⅜" (Bearing 24" below proposed floor elevation) and extending 3' into the room. Cast 12" underpinning stem wall approximately 6" under (E) strip footing and 6" in front of (E) strip footing. Provide #4 epoxy dowels between new and (E) concrete. See 3/S4.0.
23. Install W16x31 each side of 6x10 beams on Line F from Line 1 to Line 3. Temporarily shore in place. See 4/S4.0.
24. Install 4 new TS4x4x¼ | each side of 6x6 post in walls on lines 1 and 3 flanking line E under ends of W16's. Install expansion bolts to top of (E) stem wall, which has been underpinned by this time. See 4/S4.0.
25. Wedge joists against W16 to preload steel beam.
26. Bolt through both W16's, solid blocking, and 6x10 beams with ¾" all-thread at 32" o.c.
27. Remove three intermediate 6" posts and continuous east-west strip footing.
28. Shore first floor along Line D between Line 1 & 3. Remove (E) plywood, studs & post which are inside the new library space. Relocate (E) 6x6 post @ corner of Line 1 & D southward and add new Simpson HDSA holdown. Remove (E) strip footing under the (E) wall and build footings with the bottom 24" below proposed new slab on grade for the new TS posts. Add new TS4x4x¼ posts @ the corner of new library restroom and Line 1&D. Use base plate with 4 anchor bolts at bottom of the post. Install 2 new MC18x42.7 (GR50) girder along Line D between the new posts. Rebuild shear wall between the new post and Line 3. Reroll the plywood at half spacing for approximately 60 feet along Line D starting from Line 3 eastward. See 4/S3.0.
29. Excavate to 12" below proposed new floor elevation.
30. Cast new 5" slab on grade with #4 @ 12" o.c. each way on 2" sand layer over 6 mil visqueen underlain by 4" of select granular fill.
31. Frame new windows, louvers and doors. See architectural drawings for location
32. Retrame the wheel chair lift area. Provide 18x18x12 footing w/3#4 e.w. bot. for the new treated 6X6 post.
33. Install (N) 4X8 post at the intersection of Line 3 & Line C between 2nd floor & roof W14. Remove (E) 4X6 post under roof W14 just north of the (N) 4X8 post on Line 3.

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CONSULTANT'S STAMP

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BERKELEY UNIFIED SCHOOL DISTRICT

PLANS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: BL
CHECKED BY:
SCALE: AS NOTED

S2.0

JOB NO: 9714 | 33 OF 60 SHEETS

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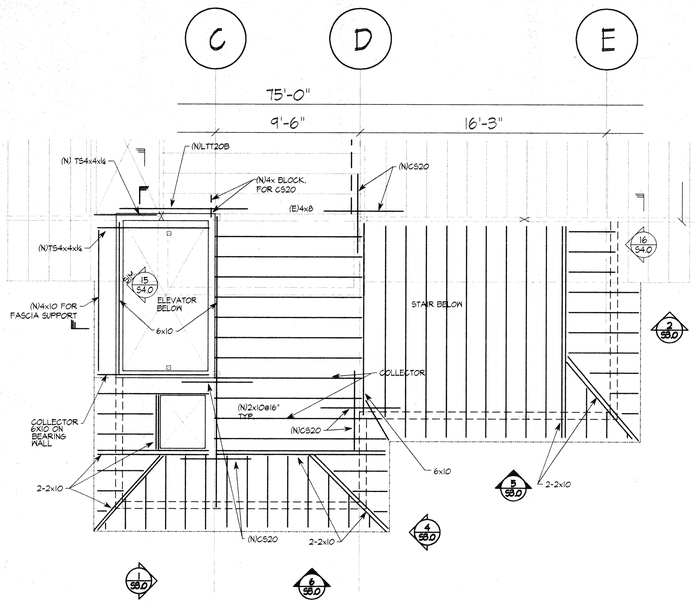
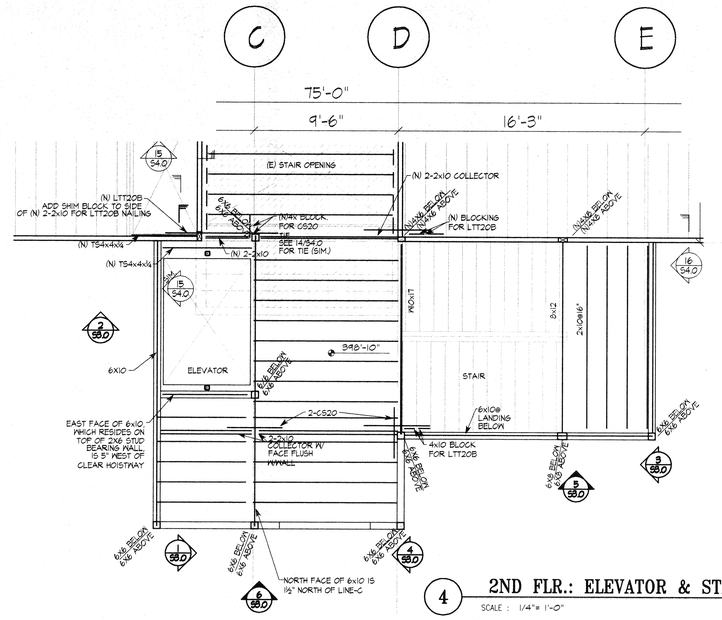
JOB NUMBER :



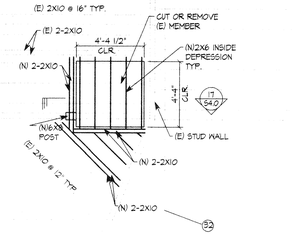
5 ROOF: ELEVATOR & STAIR AREA

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



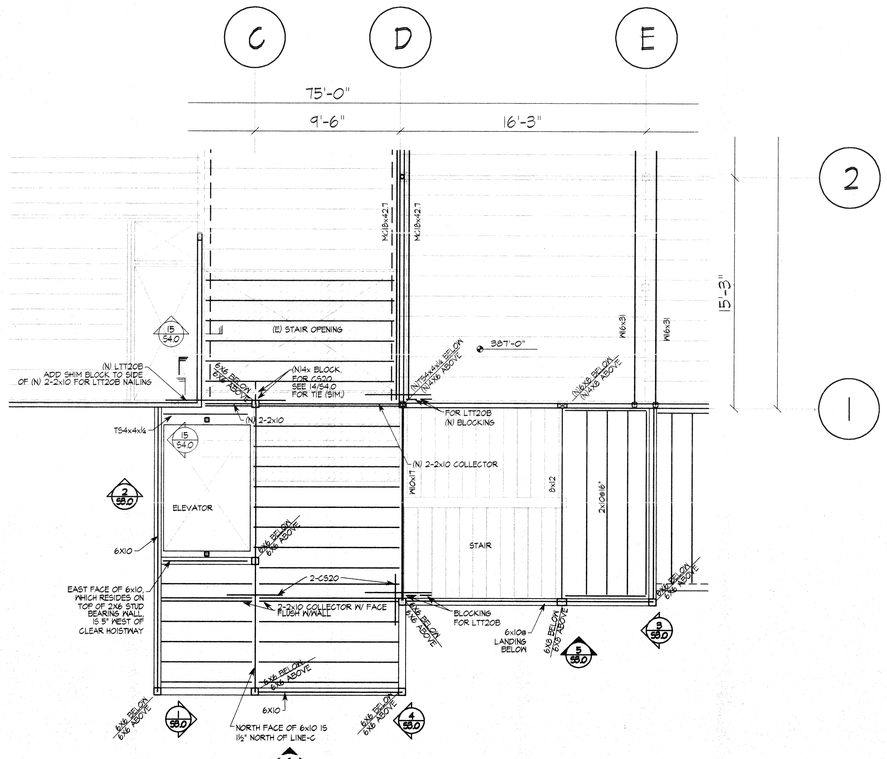
4 2ND FLR.: ELEVATOR & STAIR AREA

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



3 WHEEL CHAIR LIFT PIT AREA

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



2 1ST FLR.: ELEVATOR & STAIR AREA

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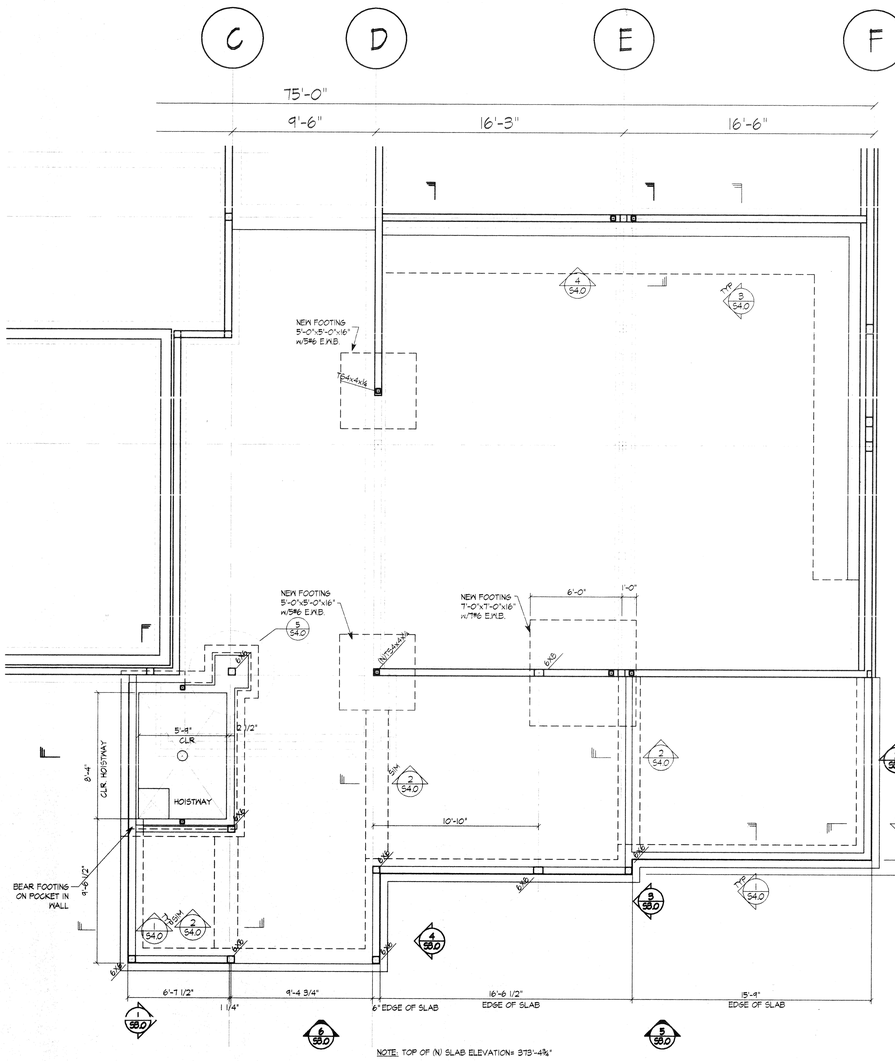

NOTE: TOP OF (N) SLAB ELEVATION= 373'-4⅝"

1 FOUNDATION: ELEVATOR & STAIR AREA

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

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ENLARGED PLANS

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SCALE: AS NOTED

S2.1

JOB NO: 9714 | 34 OF 60 SHEETS

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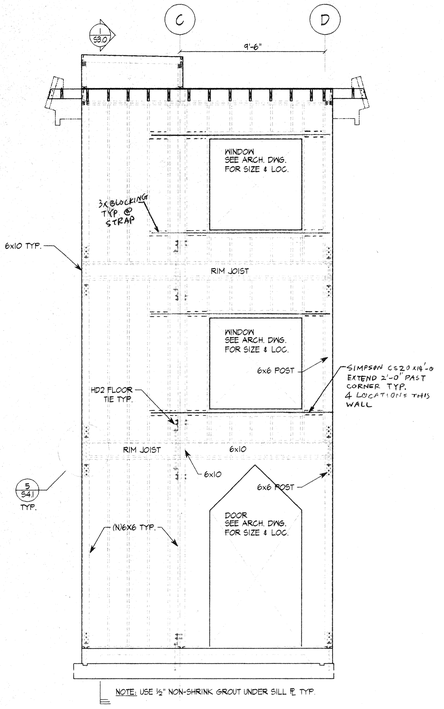
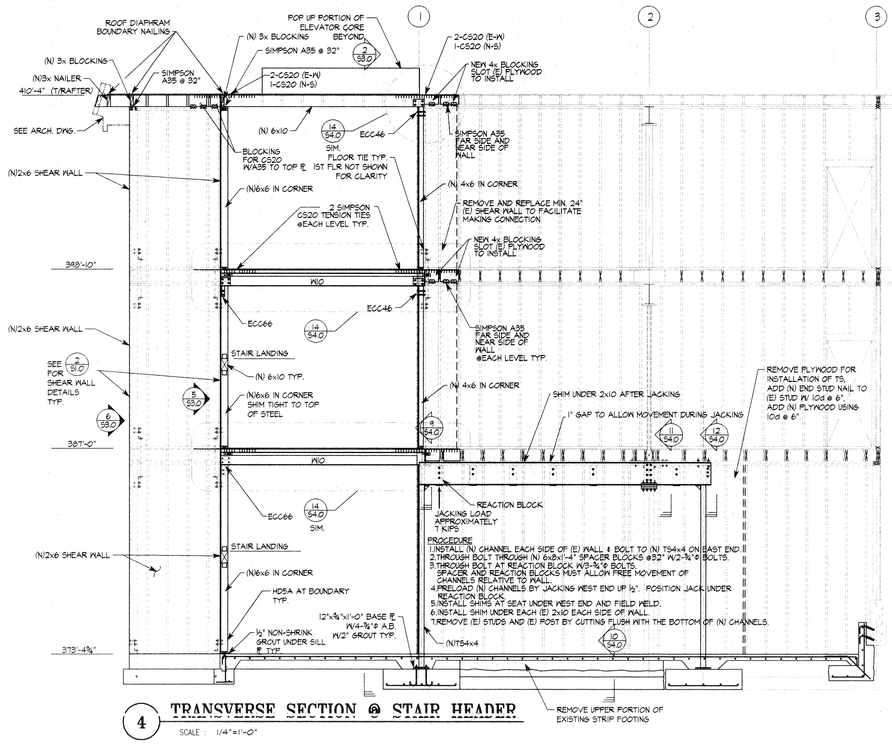


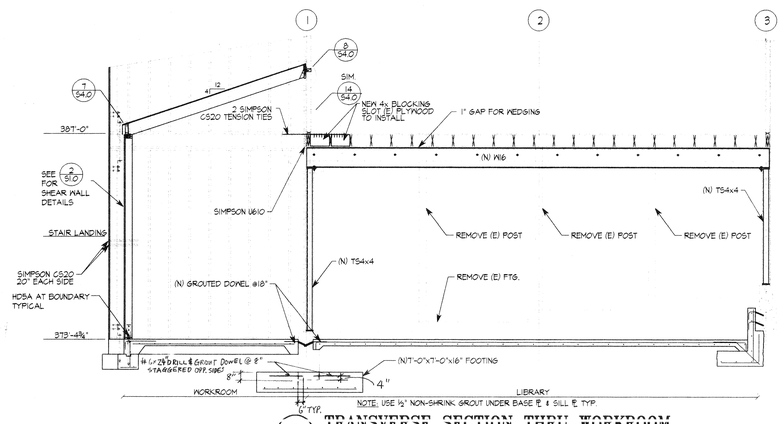
6 PARTIAL WEST WALL ELEVATION

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



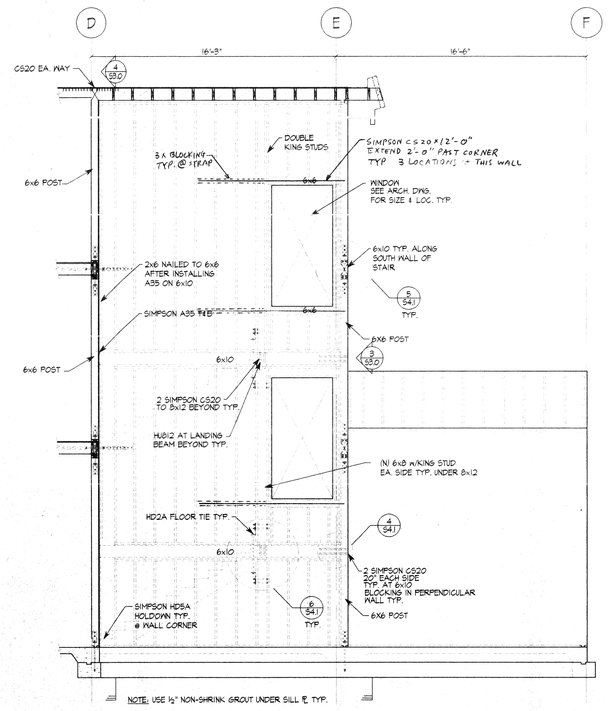
4 TRANSVERSE SECTION @ STAIR HEADER

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



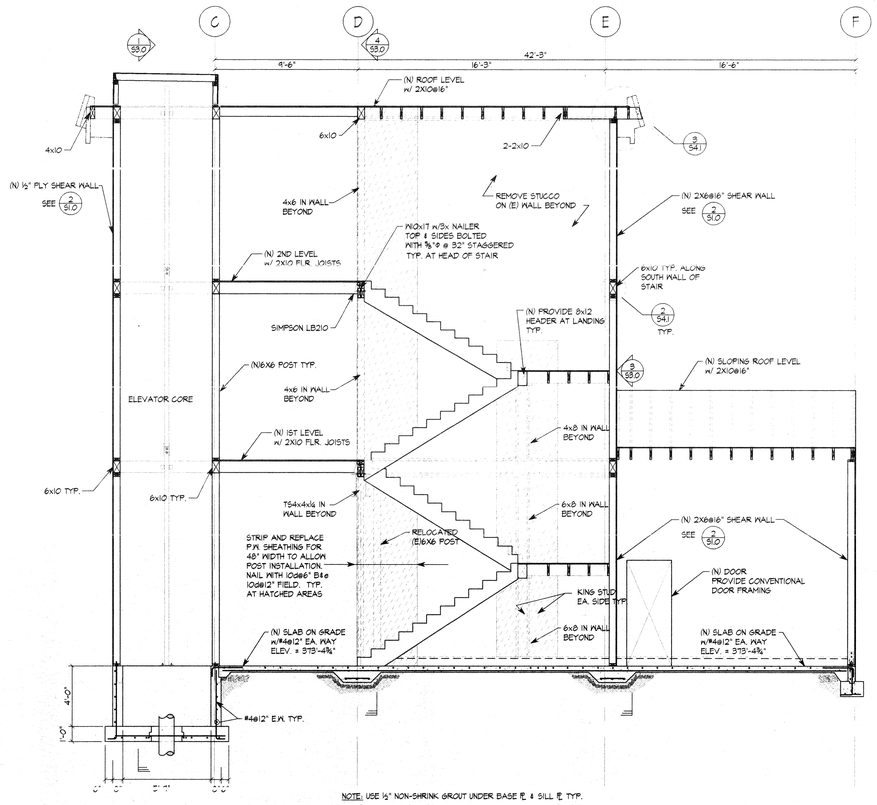
3 TRANSVERSE SECTION THRU WORKROOM

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



5 STAIR WEST WALL ELEVATION

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



2 LONGITUDINAL SECTION

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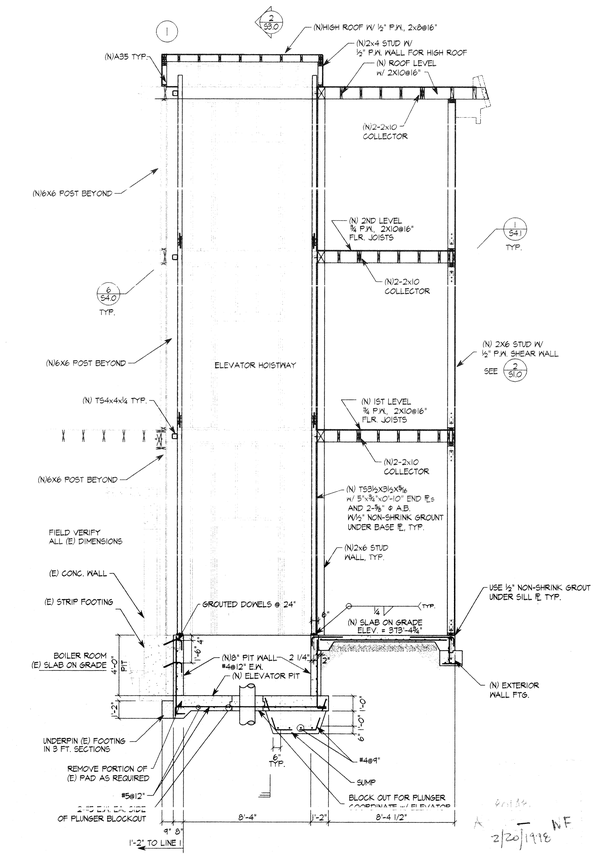

1 TRANSVERSE SECTION

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

PLOT DATE:

F:\ 16530000.DWG

JOB NUMBER :

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BUILDING SECTION

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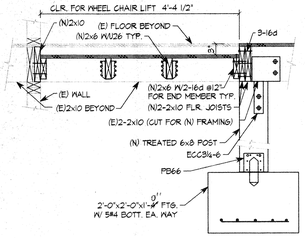
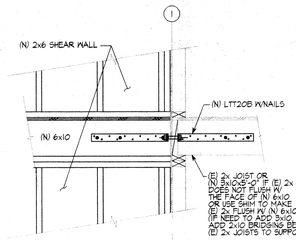
JOB NO: 9714 | 35 OF 60 SHEETS



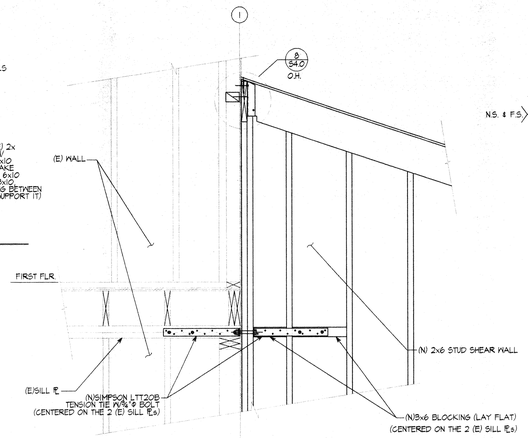
17 WHEEL CHAIR LIFT PIT SECTION

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



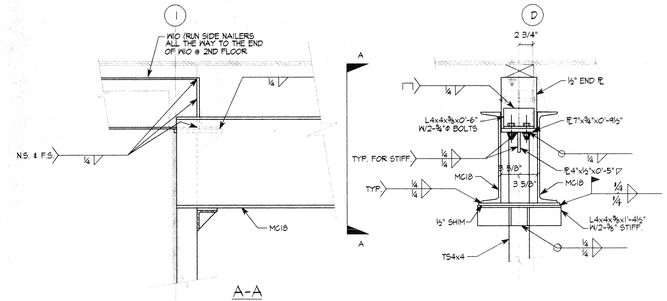
16 TENSION TIE DETAIL

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



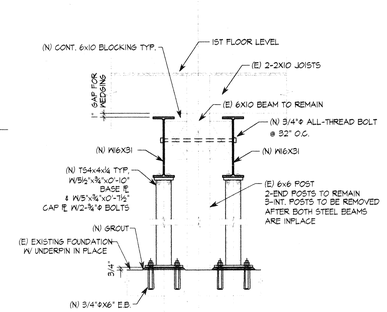
13 TENSION TIE DETAIL

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



9 TRANSFER GIRDER CONN. DETAIL

SCALE : 1"= 1'-0"



4 LIBRARY ELEVATION SECTION

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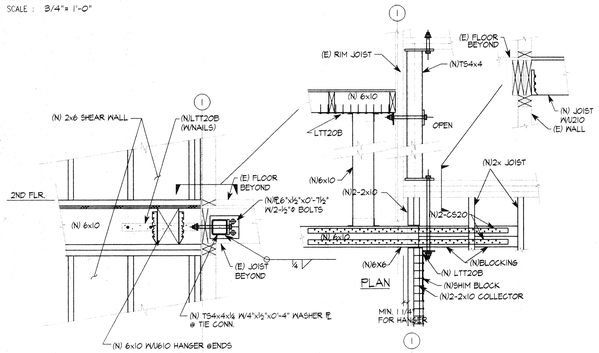
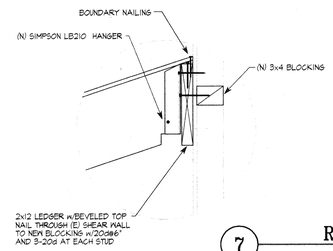
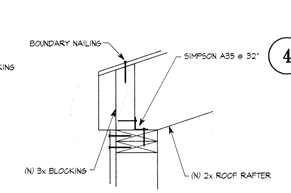
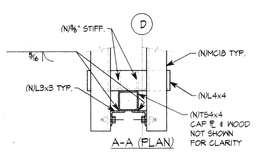




7 ROOF RAFER CONN. DETAIL

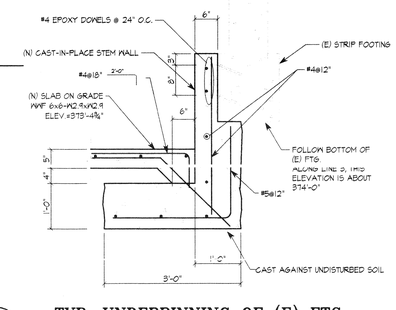
SCALE : 1 1/2"= 1'-0"





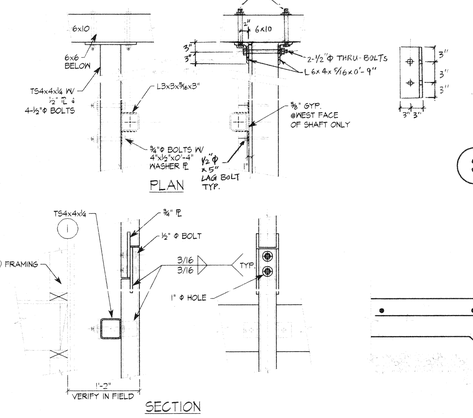
8 ROOF RAFER CONN. DETAIL

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



3 TYP. UNDERPINNING OF (E) FTG.

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



6 GUIDE RAIL SUPPORT DETAILS

SCALE : 1 = 1'-0"

2 THICKENED SLAB SECTION

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

15 TENSION TIE DETAIL

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

11 TRANSFER GIRDER @ (E) POST DETAIL

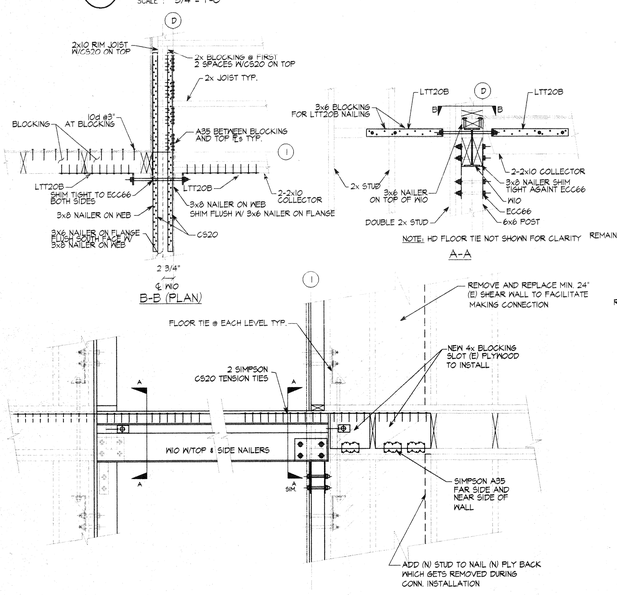
SCALE : 1"= 1'-0"

5 EXTENSION OF PIT WALL

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

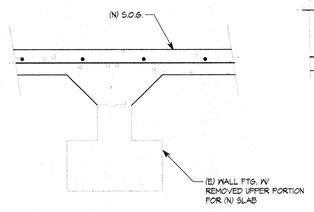
1 EXTERIOR WALL FOOTING

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



14 TENSION TIE DETAIL

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



10 (E) FTG. TO (N) S.O.G. SECTION

SCALE : 1"= 1'-0"

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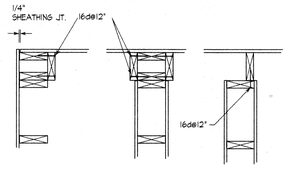
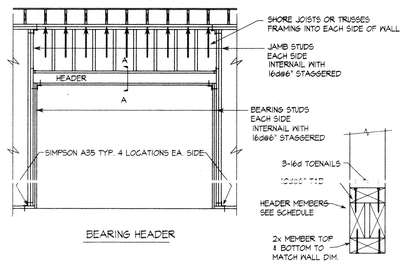


11 TYPICAL NON-STRUCTURAL WALL INTERSECTIONS

SCALE : 1"=1'-0"



BEARING HEADER

SECTION A - A

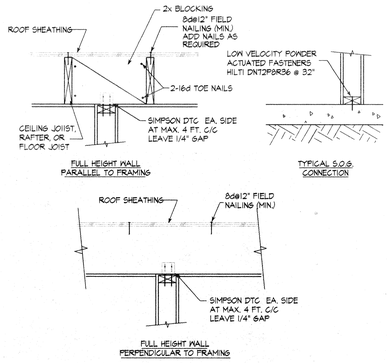
LOAD BEARING HEADER SCHEDULE

DOUGLAS FIR #1 HEADERS					MICRO-LAM EQUIVALENT	
HEADER NUMBER	MAX. OPENING SIZE	HEADER SIZE	BEARING STUDS	JAMB STUDS	HEADER SIZE	BEARING STUDS
LH1	2'-0"	2-2x4	1-2x4	1- 2x4	2- 1 3/4"x5 1/2" ML	2x4
LH3	4'-0"	2-2x8	1-2x4	1- 2x4	2- 1 3/4"x5 1/2" ML	2x4
LH4	6'-0"	2-2x12	1-2x4	2- 2x4	2- 1 3/4"x7 1/4" ML	3x4
LH5	8'-0"	N/A		2- 2x4	2- 1 3/4"x9 1/2" ML	3x4
LH6	13'-0"	N/A		2- 2x4	2- 1 3/4"x14" ML	4X4
LH7	6'-0"	3- 2x8	1-2x6	1- 2x6	3 - 1 3/4"x7 1/4" ML	2x6
LH8	8'-0"	3- 2x10	1-2x6	2- 2x6	3- 1 3/4"x9 1/2" ML	5x6
LH9	10'-0"	3- 2x12	1-2x6	2- 2x6	3- 1 3/4"x9 1/2" ML	5x6
LH10	14'-0"	N/A		2- 2x6	3- 1 3/4"x11 7/8" ML	4x6

1. JAMB STUDS EACH SIDE MUST EXTEND TO TOP PLATE
2. ALL HEADERS DESIGNED FOR 700 P.L.F.

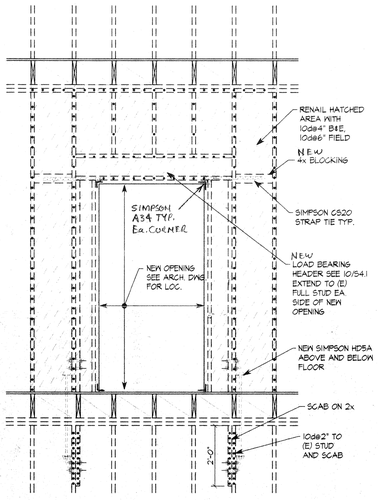
10 TYPICAL CASED OPENING IN BEARING WALLS

SCALE : 1"=1'-0"

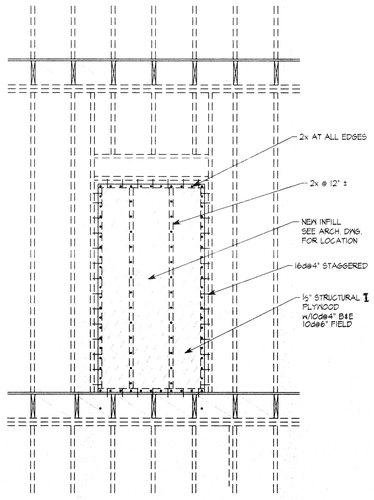


9 TYPICAL SUPPORT OF ARCHITECTURAL WALLS

SCALE : 1"=1'-0"



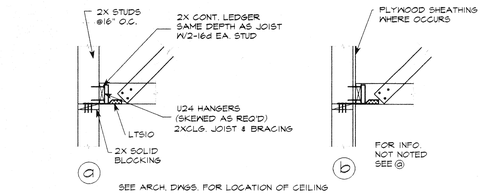
TYPICAL NEW OPENING AT (E) SHEAR WALL



TYPICAL INFILL OPENING AT (E) SHEAR WALL

12 TYPICAL OPENINGS AND INFILL AT EXISTING SHEAR WALLS

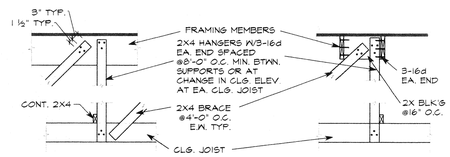
SCALE : 1/2"=1'-0"



SEE ARCH. DWGS. FOR LOCATION OF CEILING

8 CEILING JOIST FRAMING CONNECTION AT WALLS

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



SUSPENDED CEILING

MAX. SPAN	JOIST	REMARKS
8'-0"	2X4 @24" O.C.	—
10'-0"	2X6 @16" O.C.	—
12'-0"	2X8 @16"O.C.	—
OVER 12'-0"	2X4 @24" O.C.	PROVIDE 2X4 H&RS. PER DET. ⓐ

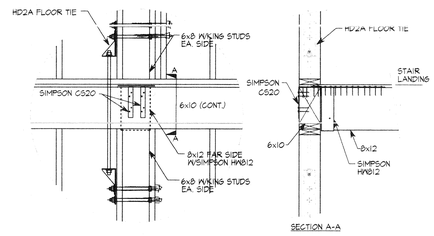
CEILING JOIST SCHEDULE

NOTES:

1. MEMBER SIZES BASED ON DEAD LOAD = 6 PSF + LIVE LOAD = 10 PSF. CONTRACTOR SHALL NOTIFY STRUCTURAL ENGINEER IF DESIGN LOADS ARE EXCEEDED.
2. SEE ARCHITECTURAL DRAWINGS FOR TYPICAL EILING LOCATIONS.

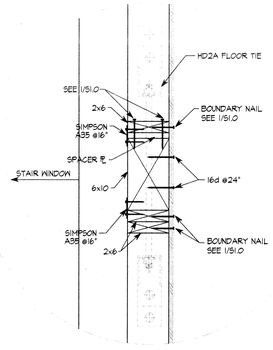
7 CEILING JOIST FRAMING DETAILS AND SCHEDULE

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



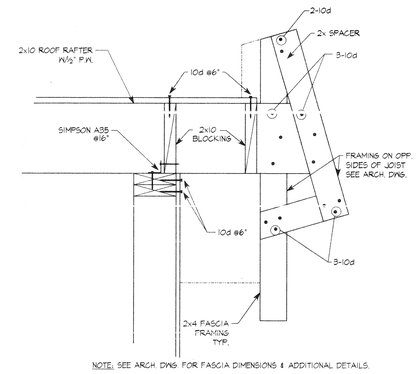
6 DETAIL

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



5 DETAIL

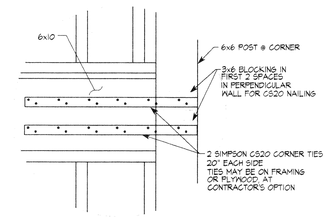
SCALE : 1 1/2"=1'-0"



NOTE: SEE ARCH. DWG FOR FASCIA DIMENSIONS & ADDITIONAL DETAILS.

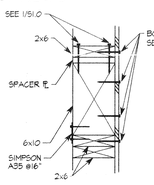
4 DETAIL

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



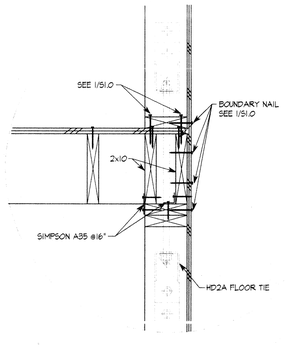
3 DETAIL

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



2 DETAIL

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



1 DETAIL

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

2/20/1998

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BERKELEY UNIFIED SCHOOL DISTRICT

DETAILS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: SLJ SCALE: AS NOT
CHECKED BY:

S4.1

JOB NO: 9714 37 OF 62 SHEETS

PLOT DATE:

F:\ 16540100.DWG

JOB NUMBER :

LOCAL CONNECTION SCHEDULE

MARK	DESCRIPTION	S/W	V	CW	HW	REMARKS
WC & WCH	WATERCLOSET	4"	2"	1-1/4"	–	SEE NOTE 1
UR & URH	URINAL	2"	1-1/2"	1"	–	SEE NOTE 1
LV & LVH	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	SEE NOTE 1
SK & SKH	SINK	2"	1-1/2"	1/2"	1/2"	SEE NOTE 1
DF & DFH	DRINKING FOUNTAIN	1-1/2"	1-1/2"	1/2"	–	SEE NOTE 1
JS	JANITORS SINK	3"	2"	1/2"	1/2"	–
HB-1	HOSE BIBB	–	–	1/2"	–	–
HB-2	HOSE BIBB	–	–	3/4"	–	–
FD-1	FLOOR DRAIN	2"	1-1/2"	–	–	SEE NOTE 2
RD-1	ROOF DRAIN	3"L	–	–	–	–
OD-1	OVERFLOW DRAIN	3"L	–	–	–	–

NOTES:

1. 'H' DENOTES HANDICAPPED FIXTURE.
2. PROVIDE TRAP PRIMERS SEE SPECIFICATIONS FOR REQUIREMENTS.

EXHAUST FAN SCHEDULE

MARK	MFGR	MODEL	CFM	SP	ELECTRICAL HP	VOLT	PH	SONES	WEIGHT	LOCATION
EF-1	GREENHECK	SP-210	106	.125	49 WATTS	120	1	1.2	15 LBS.	TOILET RM 8
EF-2	GREENHECK	BCF-206	1250	.25	1/4	120	1	2.5	75 LBS.	LIBRARY 7
EF-3	GREENHECK	SP-210	106	.125	49 WATTS	120	1	1.2	15 LBS.	MENS 113
EF-4	GREENHECK	SP-210	106	.125	49 WATTS	120	1	1.2	15 LBS.	WOMENS 114
EF-5	GREENHECK	G-75-E	200	.125	1/30	120	1	2.7	15 LBS.	WORKROOM 207

NOTE:
1. INTERLOCK EF-1 WITH THE LIGHT SWITCH.
2. INTERLOCK EF- 2 WITH HV-1 PROVIDE A VENTILATION CYCLE
3. EF-3 & 4 CONNECT TO EXISTING POWER AND CONTROL WIRING FROM THE LIGHT SWITCH.
4. PROVIDE A WALL SWITCH WITH 60 MIN TIMER FOR EF-5.

AIR TERMINAL SCHEDULE

MARK	MFGR	MODEL	DESCRIPTION
CD-1	TITUS	PAS	CEILING SUPPLY DIFFUSER, BORDER TYPE 3 24x24 MODULE WITH PERFORATED FACE NECK SIZE AS SHOWN, OBD, STEEL CONSTRUCTION
CER-1	TITUS	350-RL	CEILING EXHAUST/RETURN REGISTER, BORDER TYPE 1 (SURFACE MOUNT) NECK SIZE AS SHOWN
CER-2	TITUS	PAR	CEILING RETURN REGISTER, BORDER TYPE 3 24x24 MODULE WITH PERFORATED FACE NECK SIZE AS SHOWN, OBD, STEEL CONSTRUCTION
SG	TITUS	PAS	SUPPLY GRILLE, BORDER TYPE 1 FIXED LOUVERED FACE, 9x9 NECK SIZE STEEL CONSTRUCTION

CONDENSING UNIT SCHEDULE

MARK	MFGR	MODEL	CAPACITY MBH	SEER	ELECTRICAL VOLT	PH	MCA	WEIGHT LBS	LOCATION
CU-1	CARRIER	38CKB-036-32	34.0	12	208	1	21	143	CLASSROOM 220
CU-2	CARRIER	38CKB-036-32	34.0	12	208	1	21	143	CLASSROOM 219
CU-3	CARRIER	38CKB-036-32	34.0	12	208	1	21	143	CLASSROOM 218
CU-4	CARRIER	38CKB-036-32	34.0	12	208	1	21	143	CLASSROOM 217
CU-5	CARRIER	38CKB-036-32	34.0	12	208	1	21	143	CLASSROOM 216
CU-6	CARRIER	38CKB-036-32	34.0	12	208	1	21	143	CLASSROOM 214
CU-7	CARRIER	38CKB-036-32	34.0	12	208	1	21	143	CLASSROOM 209
CU-8	CARRIER	38CKB-036-32	34.0	12	208	1	21	143	CLASSROOM 208

NOTES:
1. CONDENSING UNIT CU-1 SHALL COMBINE THE EXISTING UNIT VENTILATORS LOCATED IN THE NOTED CLASSROOM ABOVE.
2. CAPACITIES WERE SELECTED AT 105° F AMBIENT.

UNIT VENTILATOR AND FAN COIL SCHEDULE

MARK	MFGR	MODEL D	SIZE	CFM	HEATING CAPACITY MBH	GPM	PDW	ELECTRICAL WATTS	VOLT	PH	WEIGHT	LOCATION
UV-1	TRANE	FCDB080	800	750	56.2	2.0	1.6	160	120	1	360 LBS	CLASSROOM 137
UV-2	TRANE	FCDB02	200	250	18.9	1.0	3.9	60	120	1	240 LBS	WORKRM 6
FC-1	PACE	SCF	97-FC	1250	79.5	4.0	1.75	.5 HP	120	1	450 LBS	LIBRARY 7

NOTES:
1. HEATING CAPACTIES ARE BASED ON AN AVERAGE ENTERING WATER TEMPERATURE OF 180°F, LEAVING WATER TEMPERATURE OF 150°F.
2. HEATING COIL SHALL BE 2 ROW, 192 FINS PER FOOT.4" ESP, PROVIDE 3 WAY CONTROL VALVE FOR FC-1, 2 WAY FOR UV-2 & 3.
3. UNITS SHALL BE FURNISHED WITH A TWO SPEED MANUAL FAN SWITCH MOUNTED IN AN ACCESSIBLE LOCATION.
4. SET OA DAMPER FOR FC-1 @ 240 CFM. OAD SHALL AUTOMATICALLY CLOSE ON FAN SHUT DOWN.
5. UV-1 SHALL BE HORIZONTAL WITH AN OUTSIDE AIR INTAKE AT BACK AND RETURN AIR GRILLE ON BOTTOM.
6. FILTERS FOR FC-1 SHALL BE FARR 30/30, 2"THICK, 16"x25" WITH SIDE ACCESS.

DUCTWORK LEGEND

TWO LINE	ONE LINE	ABBREV	DESCRIPTION
		CD	CEILING DIFFUSER-ARROWS INDICATE THROW
		CE, CR	CEILING EXHAUST OR RETURN REGISTER
		LSD	LINEAR SLOT DIFFUSER
		12X12 WSR 150 CFM-NEAR CEILING NC NEAR FLOOR NF ELEVATION TO BOTTOM OF OUTLET 8'-0"	SIZE-WALL SUPPLY REGISTER
		WER	WALL EXHAUST OR RETURN REGISTER
		WEG	WALL EXHAUST OR RETURN GRILLE
		SA	SUPPLY AIR DUCT SECTION
		EA/RA	EXHAUST OR RETURN AIR DUCT SECTION
		OA	OUTSIDE AIR DUCT SECTION
W			SQUARE ELBOW WITH DUCT TURNS
W			RADIUS ELBOW
T=			PROPORTIONAL TAKEOFF-T SPECIFIES SIZE OF BRANCH TAKEOFF
		AE	AIR EXTRACTOR
		FLEX	FLEXIBLE DUCT CONNECTION
		VD	MANUAL VOLUME DAMPER
		FD	FIRE DAMPER
		SL	SOUND LINED DUCT
T	T		THERMOSTAT
		AD	ACCESS DOOR
		AP	ACCESS PANEL
		BDD	BACKDRAFT DAMPER
		ICS	IN CEILING SPACE
		(E)	EXISTING
		(CTE)	CONNECT TO EXISTING
		SAD	SEE ARCHITECTURAL DETAIL
		IJS	IN JOIST SPACE
		RAD	RETURN AIR DAMPER
		EAD	EXHAUST AIR DAMPER
		OAD	OUTSIDE AIR DAMPER
		(N)	NEW WORK
		NIMD	WORK NOT IN MECHANICAL DIVISION
		(RE)	REMOVE EXISTING
		SD	SMOKE DAMPER

SHEET NOTES

1. EQUIPMENT ANCHORAGE NOTES

IN ACCORDANCE WITH TITLE 24, SECTION 16AN AND TABLE NO. 16A-O, DETAILS SHALL BE PROVIDED FOR THE SEISMIC ANCHORAGE OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT. ANCHORAGE DETAILS SHALL BE BASED UPON APPROPRIATE DESIGN CALCULATIONS.

FOR EQUIPMENT WEIGHING 400 POUNDS OR MORE, ANCHORAGE DETAILS AND APPROPRIATE DESIGN CALCULATIONS SHALL BE SUBMITTED AS PART OF THE MECHANICAL AND ELECTRICAL DRAWING. "DEFERRED APPROVAL" ITEMS WILL NOT BE PERMITTED UNLESS SPECIFICALLY APPROVED BY THE PLAN CHECK SUPERVISOR.

EXCEPTION: ATTACHMENTS OF EQUIPMENT WEIGHING LESS THAN 400 POUNDS AND SUPPORTED DIRECTLY ON THE FLOOR OR ROOF STRUCTURE, FURNITURE OR TEMPORARY OR MOVEABLE EQUIPMENT AND EQUIPMENT WEIGHING LESS THAN 20 POUNDS THAT IS SUPPORTED BY VIBRATION ISOLATION DEVICES SUSPENDED FROM THE ROOF, WALL OR FLOOR, NEED NOT BE DELINEATED ON THE PLANS PROVIDED THE FOLLOWING NOTES ARE INCLUDED ON THE MECHANICAL AND ELECTRICAL PLANS.

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 1.15 x 20% OF OPERATING WEIGHT
FIXED EQUIPMENT ON STRUCTURE 1.15 x 30% OF OPERATING WEIGHT

SIMULTANEOUS VERTICAL FORCE - USE 1/3 x HORIZONTAL FORCE.

FOR FLEXIBLE MOUNTED EQUIPMENT SEE TITLE 24, SECTION 1630A (A)1-5.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF REGULATION SERVICES.

NOTICE,

THIS TABLE HAS BEEN PREPARED FOR AN IMPORTANCE FACTOR OF I=1.15 AT M.P. BUILDING AND FORE SEISMIC ZONE 4. MAKE APPROPRIATE ADJUSTMENT FOR ANY OTHER VALUES.

PIPES AND DUCTS SHALL BE SUPPORTED AND BRACED PER OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT ANCHORAGE PRE-APRVAL NO. R-0010, THE SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS FOR MECHANICAL SYSTEMS AND PLUMBING SYSTEMS" OR R-003, THE "SUPERSTRUT SEISMIC RESTRAINT SYSTEM", OR R-0071, THE B-LINE SEISMIC RESTRAINT SYSTEM" FOR PIPES AND CONDUIT ONLY.

UNDER THE CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 2, SEISMIC RESTRANTS MAY BE OMMITED FROM THE FOLLOWING INSTALLATIONS:

A. GAS PIPING LESS THAN 1 INCH DIAMETER.
B. PIPING IN BOILER AND MECHANICAL ROOMS LESS THAN 1-1/4 INCHES INSIDE DIAMETER.
C. ALL OTHER PIPING LESS THAN 2-1/2 INCHES INSIDE DIAMETER.
D. ALL PIPING SUSPENDED BY INDIVIDUAL HANGERS 12 INCHES OR LESS IN LENGTH FROM THE TOP OF THE PIPE TO THE BOTTOM OF THE SUPPORT FOR THE HANGER.
E. ALL RECTANGULAR AIR HANDLING DUCTS LESS THAN 6 SQ. FT IN CROSS SECTIONAL AREA.
F. ALL ROUND AIR HANDLING DUCTS LESS THAN 28 INCHES IN DIAMETER.
G. ALL DUCTS SUSPENDED BY HANGERS 12 INCHES OR LESS IN LENGTH FROM THE TOP OF THE DUCT TO THE BOTTOM OF THE SUPPORT FOR THE HANGER.

2. THE INTENT OF THE CONTRACT DOCUMENTS IS FOR ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE OFFICE BEFORE PROCEEDING WITH THE WORK.

PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	S OR W	SOIL OR WASTE
	S OR W	SOIL OR WASTE-BELOW GRADE
	V	VENT
L	L	RAINWATER LEADER
L	L	RAINWATER LEADER BG
	CW	COLD WATER
	HW	HOT WATER
	HWR	HOT WATER RETURN
G	G	GAS
	FD/AD	FLOOR DRAIN/AREA DRAIN
	RD/OD	ROOF DRAIN/OVER FLOW DRAIN
	COTG	CLEANOUT TO GRADE
	FCO	FLOOR CLEANOUT
	WCO	WALL CLEANOUT
	CO	CLEANOUT
	HB	HOSE BIBB
	SOV	SHUT-OFF VALVE
	BV	BALL VALVE
	GC	GAS COCK
		UNION
	PRV	PRESSURE REDUCING VALVE
BFP	BFP	BACK FLOW PREVENTER
		VALVE IN CONC. VALVE BOX
	POC	POINT OF CONNECTION
1 P-1		DETAIL 1, SHEET P-1
	AP	ACCESS PANEL
	BG	BELOW GRADE
	BF	BELOW FLOOR
	FF	FINISHED FLOOR ELEVATION
	INV	INVERT ELEVATION
	ICS	IN CEILING SPACE
	IJS	IN JOIST SPACE
	IFC	IN FURRED CEILING
	NC	NEAR CEILING
	NF	NEAR FLOOR
	VB	VALVE BOX
	VR	VENT RISER
	NIPD	NOT IN PLUMBING DIVISION
	SAD	SEE ARCHITECTURAL DRAWING
	VTR	VENT THRU ROOF
	(N)	NEW
	(E)	EXISTING
	(RE)	REMOVE EXISTING
	(CTE)	CONNECT TO EXISTING

PIPING LEGEND

MARK	ABBREVIATION	DESCRIPTION
HS	HS	HEATING WATER SUPPLY
HR	HR	HEATING WATER RETURN
CD	CD	CONDENSATE PIPING
CW	CW	DOMESTIC WATER
CKV	CKV	CHECK VALVE
GV	GV	GATE VALVE
GLV	GLV	GLOBE VALVE
BV	BV	BALANCE VALVE
STR	STR	STRAINER
		UNION
QC	QC	QUICK GAUGE CONNECTION
FC	FC	FLEX CONNECTION
MV	MV	MANUAL AIR VENT

FIRE PROTECTION LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
F	F	FIRE PIPE ABOVE GRADE
F	F	FIRE PIPE ABOVE GRADE
	FSH	FIRE SPRINKLER HEAD BELOW CEILING
	FSH	FIRE SPRINKLER HEAD ABOVE CEILING

GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, LOCATIONS, SIZES, ETC OF SERVICES AND UTILITIES POINTS OF CONNECTION PRIOR TO INSTALLATION OF NEW WORK. IF ANY ARE NOT FOUND WITH-IN A REASONABLE DISTANCE PROMPLTY NOTFIY THE ENGINEER.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND STORING ITEMS THAT WILL BE REINSTALLED AT THE COMPLETION OF THE PROJECT. PLUMBING THAT ARE BEING REMOVED SHALL BE INSPECTED BY THE DISTRICT TO DETERMINE IF THEY CAN BE SALVAGED.
3. EQUIPMENT SUBSTITUTION: ANY SUBSTITUTED EQUIPMENT THAT VARIES MORE THAN 10% IN WEIGHT AND HEIGHT THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE REQUIRED STRUCTURAL CALCULATIONS FOR ORS REVIEW.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL 80148
AC FLS CSWE
DATE 2/26/98

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Oxford Elementary School Modernization

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BERKELEY UNIFIED SCHOOL DISTRICT

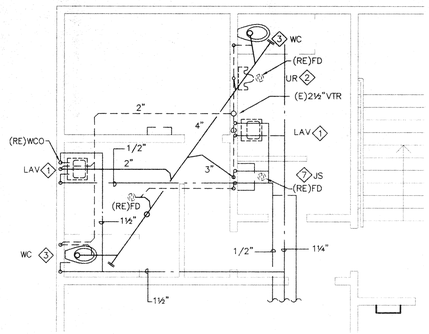
SCHEDULES, LEGENDS & DETAILS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: SAS SCALE:
CHECKED BY: RBM

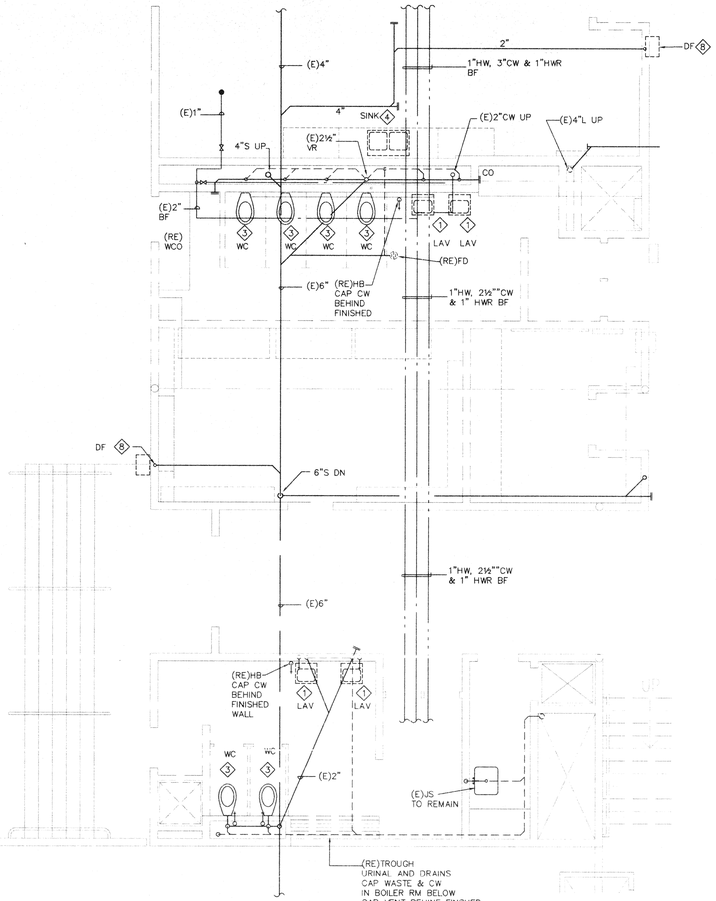
MP1.0

JOB NO: 9714 38 OF 60 SHEETS



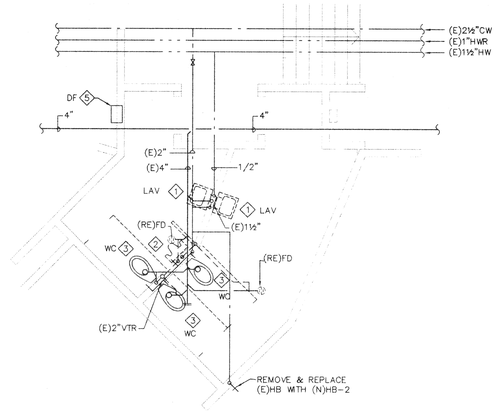
3 TOILET RMS @ CLASSROOM UNIT

SCALE: 1/4"=1'-0" SECOND FLOOR - FACULTY



2 TOILET RMS @ CLASSROOM UNIT

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



1 TOILET RMS @ MULTI-USE

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

4 TOILET RMS @ CLASSROOM UNIT

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

DEMOLITION NOTES:

1. REMOVE (E) LAVATORY; HOT & COLD WATER PIPING, WASTE & VENT PIPING. CAP PIPING BEHIND FINISHED SURFACES.
2. REMOVE (E) URINAL; WATER, WASTE & VENT PIPING. CAP PIPING BEHIND FINISHED SURFACES.
3. REMOVE (E) WATER CLOSET; WATER, WASTE & VENT PIPING. CAP PIPING BEHIND FINISHED SURFACES
4. REMOVE (E) SINK; HOT & COLD WATER PIPING, WASTE & VENT PIPING. CAP PIPING BEHIND FINISHED SURFACES.
5. REMOVE (E) DRINKING FOUNTAIN; RECONNECT TO COLD WATER PIPING, WASTE & VENT PIPING TO (N)DFH-1. CAP PIPING BEHIND FINISHED SURFACES.
6. REMOVE (E) JANITORS SINK; INSTALL (N) JANITORS SINK, RECONNECT HOT & COLD WATER PIPING, WASTE & VENT. (SEE SHEET P4.1)
7. REMOVE (E) JANITORS SINK; HOT & COLD WATER PIPING, WASTE & VENT PIPING. CAP PIPING BEHIND FINISHED SURFACES.
8. REMOVE AND (E) DRINKING FOUNTAIN; WATER, WASTE & VENT PIPING. CAP PIPING BEHIND FINISHED SURFACES.

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DEMOLITION PLANS

DATE	ISSUE	REV.
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DRAWN BY: SMS SCALE: 1/4
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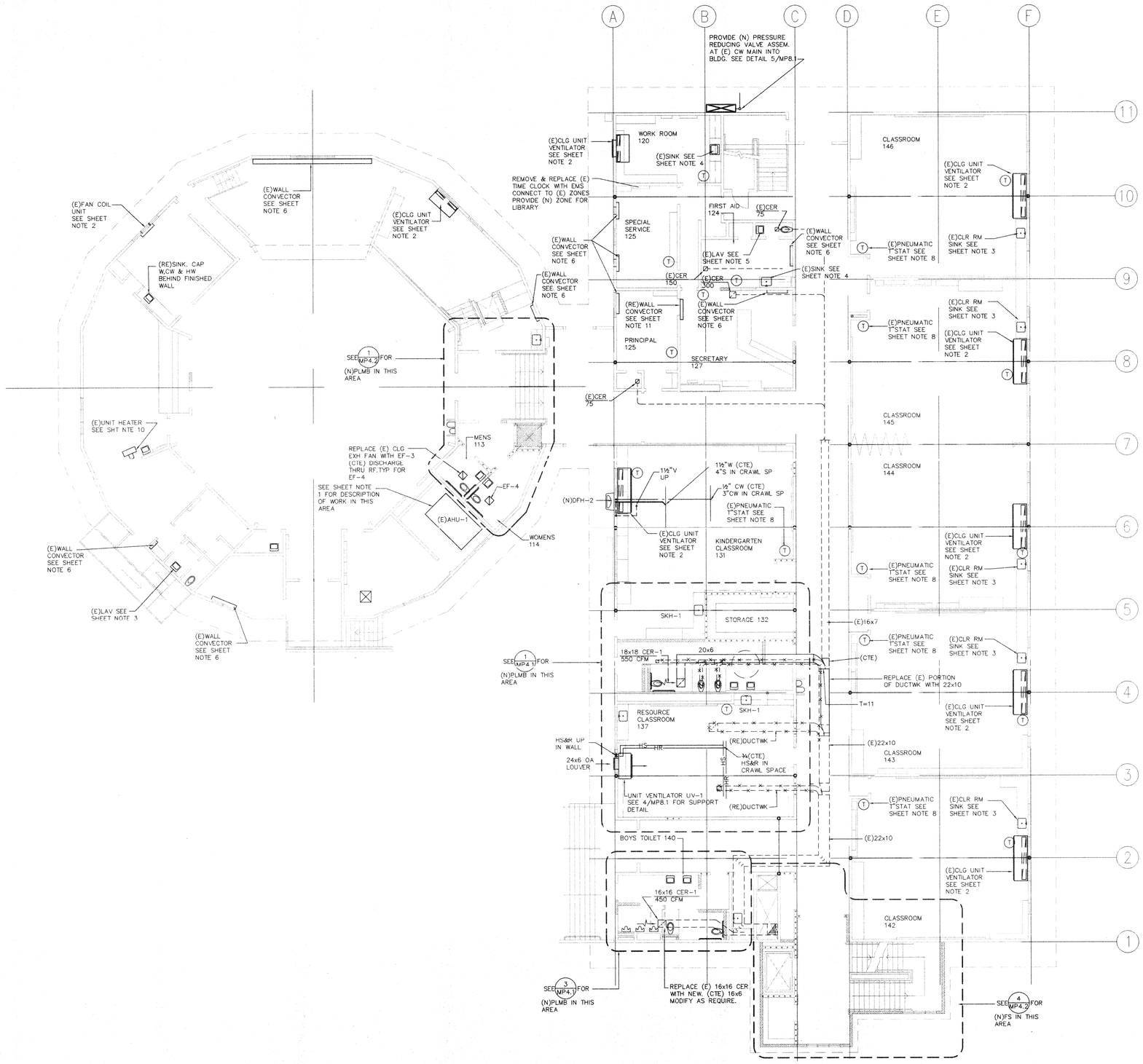
MP2.1

JOB NO: 9714 39 OF 60 SHEETS



SHEET NOTES

1. PROVIDE GENERAL SERVICING TO AIR HANDLER AHU-1. CLEAN HEATING COIL AND INSIDE OF UNIT, CHANGE FILTERS, LUBRICATE FAN BEARINGS, CHECK AMPS ON THE MOTOR AND VERIFY OPERATION OF HEATING CONTROL VALVE AND THERMOSTAT. CLEAN OUTSIDE AIR LOUVER AND EXISTING DUCTWORK AND GRILLES.
2. PROVIDE GENERAL SERVICING TO THE CEILING MOUNTED UNIT VENTILATOR, CLEAN HEATING COIL AND INSIDE OF UNIT, OUTSIDE AIR, SUPPLY AND RETURN GRILLES, CHANGE FILTERS, LUBRICATE FAN BEARINGS, CHECK AMPS ON THE MOTOR AND VERIFY OPERATION OF HEATING CONTROL VALVE AND THERMOSTAT.
3. REMOVE AND REPLACE EXISTING COLD WATER GOOSE NECK SPOUT WITH ACCESSIBLE TYPE CHICAGO MODEL 350, GN2A SPOUT AND E3 AERATOR.(CTE)CW SUPPLY AND PROVIDE (N) STOP VALVE.
4. REPLACE EXISTING SINK COLD AND HOT WATER FAUCET WITH A ACCESSIBLE TYPE CHICAGO MODEL 786-E3, 8"CENTERS, GN2A SPOUT AND E3 AERATOR.
5. REPLACE EXISTING LAVATORY COLD AND HOT WATER FAUCET WITH AN SINGLE LEVER ACCESSIBLE TYPE. CHICAGO MODEL 1201A-GN1A-E3
6. PROVIDE GENERAL SERVICING TO THE WALL CONVECTOR. CLEAN HEATING ELEMENT AND VERIFY OPERATION OF HEATING CONTROL VALVE AND THERMOSTAT.
7. MEASURE THE EXISTING EXHUAST AIR AT THE OUTLETS PROIR TO DEMOLITION
8. REMOVE (E) PNEUMATIC THERMOSTAT. CAP AIR LINE BEHIND FINISHED WALL AND PROVIDE A COVER PLATE.
9. REMOVE (E) TIME CLOCK AND REPLACE WITH A NEW DDC EMS SYSTEM. CONTROL ZONES SHALL BE AS FOLLOWS: MUTI-USE ROOM AHU-1 & PUMP, CLASSROOM WING AND LIBRARY WITH PUMP.
10. PROVIDE GENERAL SERVICING TO THE UNIT HEATER. CLEAN HEATING ELEMENT AND VERIFY OPERATION OF HEATING CONTROL VALVE AND THERMOSTAT.
11. REMOVE (E) WALL CONVECTOR INCLUDING SUPPORTS, VALVE, PIPING AND THERMOSTAT. CAP HS&R PIPING BELOW FINISHED FLOOR.

REFERENCE NORTH

FIRST FLOOR PLAN: MULTI-PURPOSE AND CLASSROOM BUILDINGS | 1/8" | 1

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FIRST FLOOR PLAN

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DRAWN BY: RBM SCALE: 1/8"
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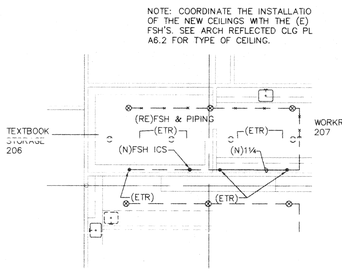
MP2.2

JOB NO: 9714 | 40 OF 60 SHEETS

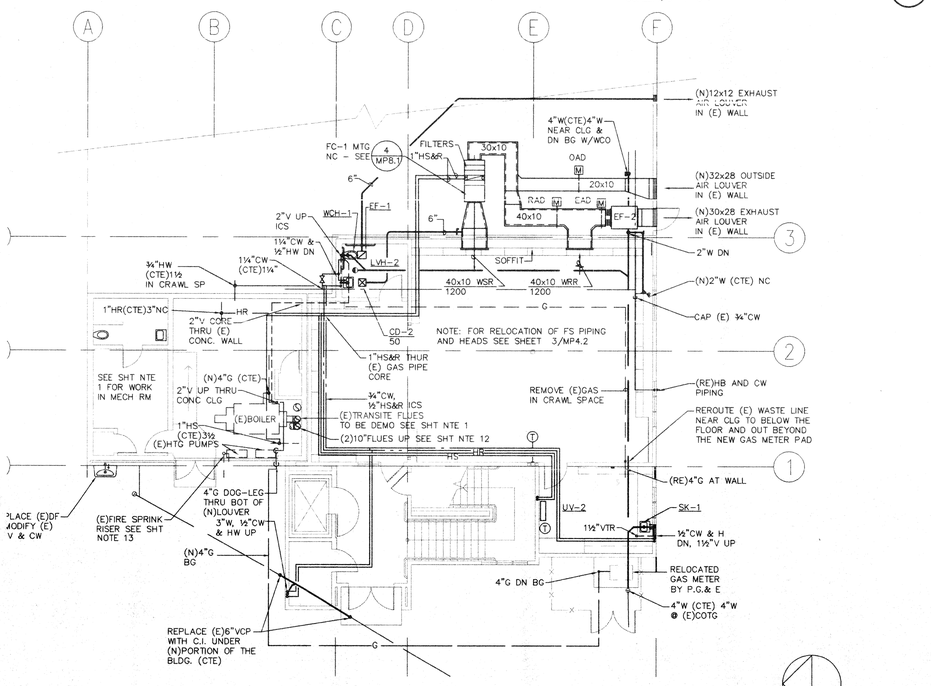
SHEET NOTES

1. MECHANICAL ROOM: ABANDON (E) INCINERATOR. CAP (E) GAS AT THE 4" MAIN. THE FLUE SHALL BE REMOVED BY OTHERS. THE BOILER AND WATER HEATER FLUE SHALL BE REMOVED. COORDINATE WITH ABATEMENT CONTRACTOR. SERVICE BOTH HEATING PUMPS AND PROVIDE GPM/HEAD AND F.L. AMP DATA. DRAIN BOILER AND INSPECT VESSEL AND BURNERS. MEASURE FLUE TEMPERATURE AND PROVIDE A WRITTEN REPORT OF FINDINGS TO THE ARCHITECT.
2. PROVIDE GENERAL SERVICE TO CEILING MOUNTED UNIT VENTILATOR. CLEAN HEATING COIL AND INSIDE OF UNIT, OUTSIDE AIR, SUPPLY AND RETURN GRILLES, CHANGE FILTERS, LUBRICATE FAN BEARINGS, CHECK AMPS ON THE MOTOR AND VERIFY OPERATION OF HEATING CONTROL VALVE AND THERMOSTAT.
3. RELOCATE EXISTING UNIT VENTILATOR. MODIFY EXISTING PIPING, ELECTRICAL AND CONTROL WIRING. PROVIDE A NEW OUTSIDE AIR OPENING. PROVIDE GENERAL SERVICE TO CEILING MOUNTED UNIT VENTILATOR. CLEAN HEATING COIL AND INSIDE OF UNIT, OUTSIDE AIR, SUPPLY AND RETURN GRILLES, CHANGE FILTERS, LUBRICATE FAN BEARINGS, CHECK AMPS ON THE MOTOR AND VERIFY OPERATION OF HEATING CONTROL VALVE AND THERMOSTAT.
4. REMOVE AND REPLACE EXISITNG COLD WATER GOOSE NECK SPOUT WITH ACCESSIBLE TYPE CHICAGO MODEL 350, GN2A SPOUT AND E3 AERATOR.(CTE)CW SUPPLY AND PROVIDE (N) STOP VALVE.
5. REPLACE EXISTING SINK COLD AND HOT WATER FAUCET WITH A ACCESSIBLE TYPE CHICAGO MODEL 786-E3, 8"CENTERS, GN2A SPOUT AND E3 AERATOR.
6. PROVIDE GENERAL SERVICING TO WALL CONVECTOR. CLEAN HEATING ELEMENT AND VERIFY OPERATION OF HEATING CONTROL VALVE AND THERMOSTAT.
7. REMOVE (E) WALL CONVECTOR INCLUDING WALL BRACKETS AND SUPPORTS. CAP (E) HS&R IN CEILING BELOW. REMOVE (E) T'STAT AND CAP AIR LINE PROVIDE COVER PLATE.
8. REMOVE (E) CEILING MOUNTED UNIT VENTILATOR INCLUDING SUPPORTS. CAP (E) HS&R IN CEILING. REMOVE CONTROL WRING AND INTERLOCK WITH ADJANCENT UNIT.
9. REMOVE (E) SINK, CAP WASTE, CW & HW IN CEILING BELOW AND V, CW & HW IN WALL. MODIFY (E) W,V,CW & HW FOR (N) SKH-1.
10. REMOVE (E) ROOFTOP EXHAUST FAN INCLUDING CEILING GRILLE, DUCTWORK, CONTROL AND POWER WIRING.
11. REMOVE AND REPLACE THE EXISITNG CEILING EXHAUST GRILLES WITH NEW IN THE NEW CEILING.
12. THE (E)TRANSITE FLUES SHALL BE REMOVED BY THE ABATEMENT CONTRACTOR. REPLACE NEW FLUES. REMOVE PORTIONS OF THE SHAFTS AS REQUIRED TO PROVIDE BRACING. EXTEND NEW FLUES TO THE ROOF.
13. EXTEND THE INSPECTORS TEST DRAIN THRU THE (N)LOUVER.
14. WALL HEATER WH-1 SHALL BE BEACON-MORRIS TWIN-FLO HYDRONIC MODEL F41 OR EQUAL. 1 GPM FLOW, 120V, SINGLE PHASE, 3/10 AMP.



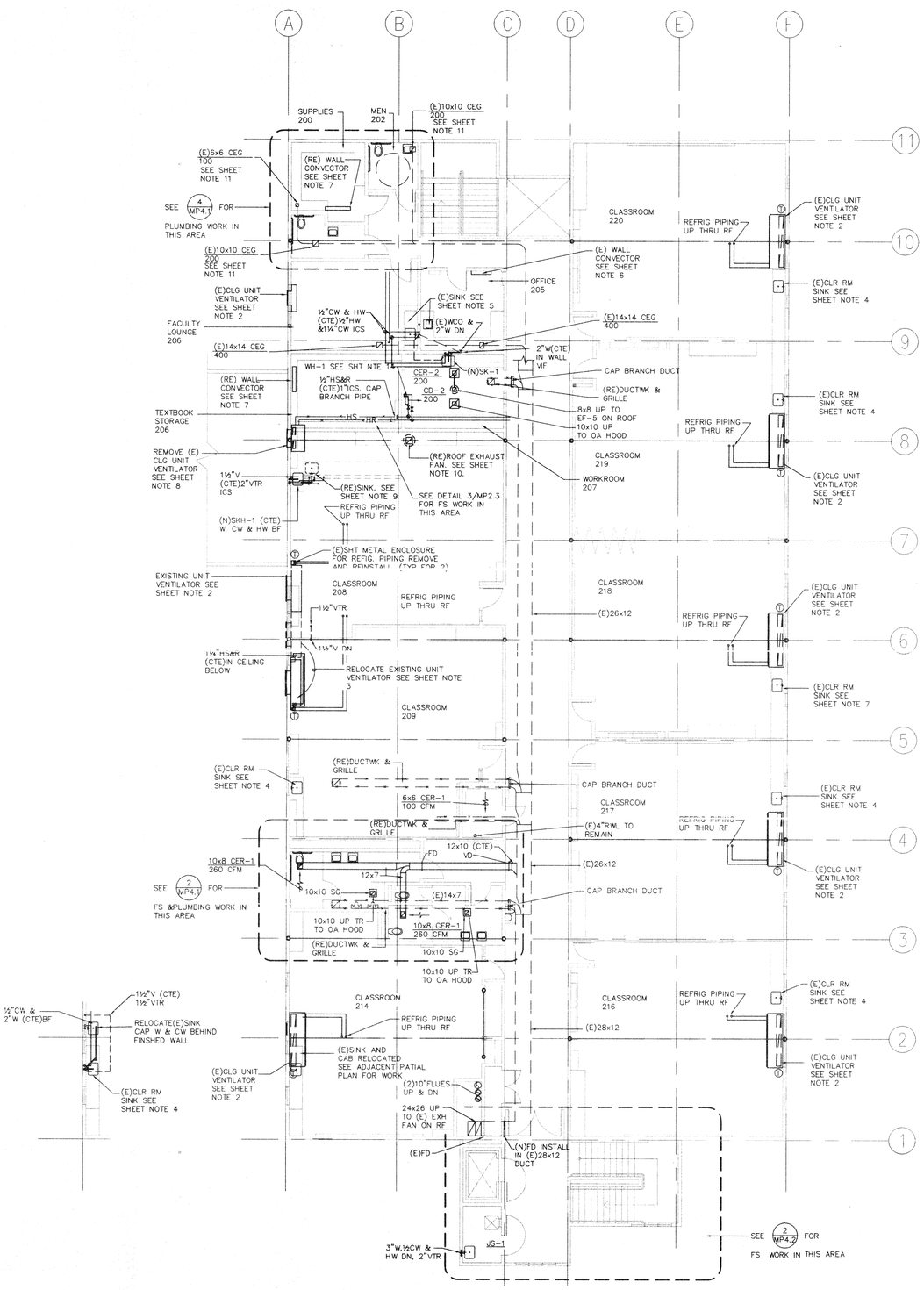
PARTIAL FLOOR PLAN 3

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



REFERENCE NORTH

BASEMENT FLOOR PLAN – CLASSROOM BUILDING | 1/8" | 2



REFERENCE NORTH

SECOND FLOOR PLAN – CLASSROOM BUILDING | 1/8" | 1

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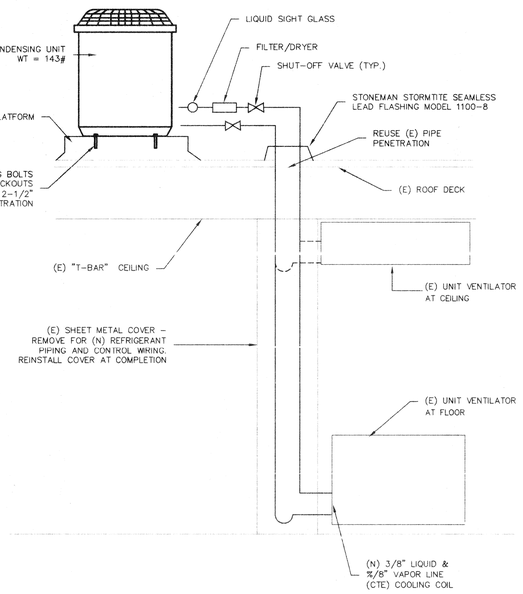
FLOOR PLANS – SECOND FLOOR & BOILER ROOM

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: RBM CHECKED BY: RBM

MP2.3

JOB NO: 9714 | 41 OF 60 SHEETS

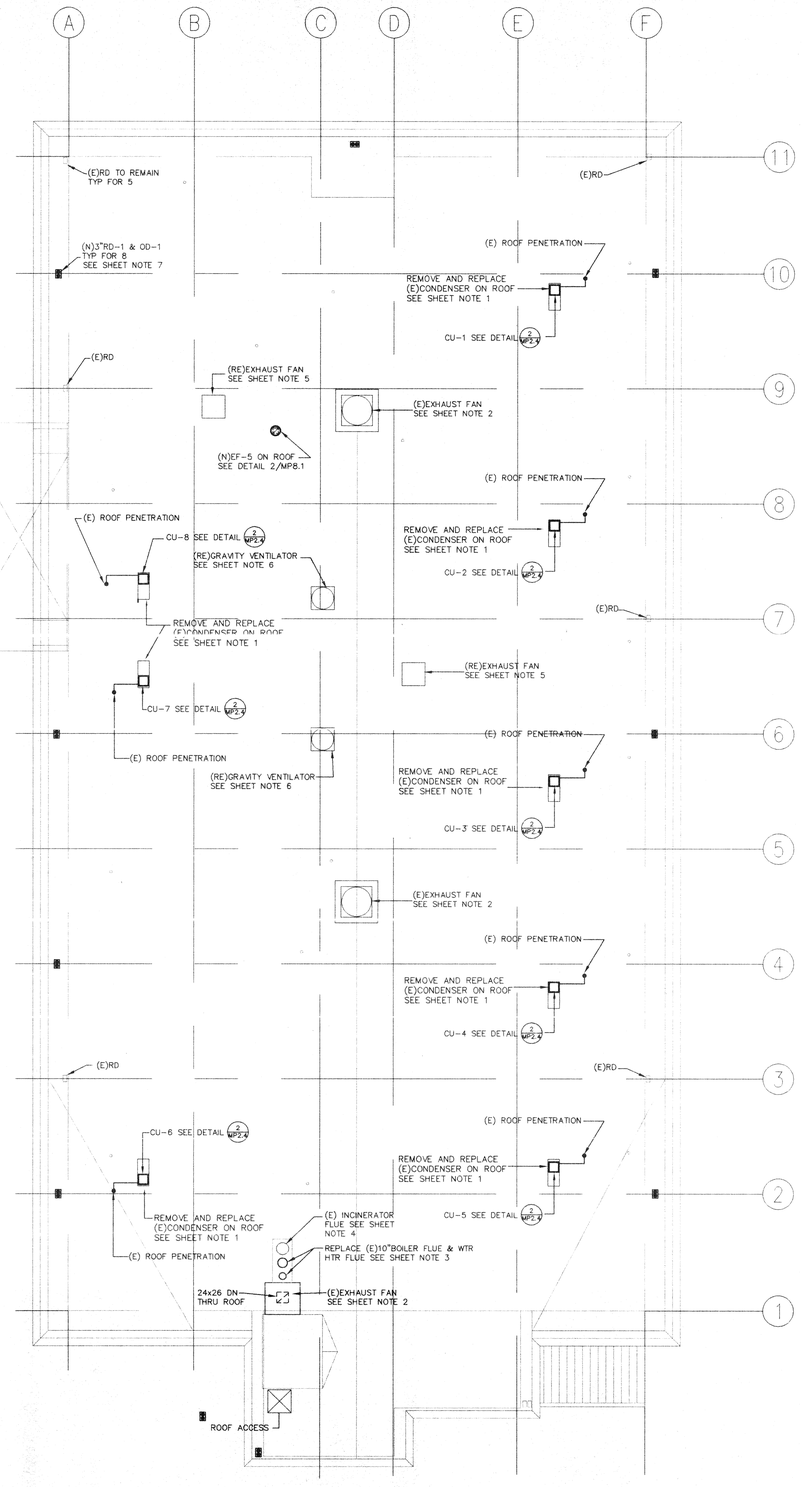


CONDENSING UNIT DETAIL 2

NO SCALE

NOTES

1. COORDINATE WITH THE ELECTRICAL CONTRACTOR FOR THE POWER CONNECTIONS TO THE CONDENSING UNITS



REFERENCE NORTH

SHEET NOTES

1. REMOVE EXISTING CONDENSER INCLUDING SLEEPERS, REFRIGERANT PIPING, CONTROLS AND POWER CONNECTION AND REPLACE WITH NEW CONNECT REFRIGERANT PIPING AND CONTROLS TO (E) UNIT VENTILATOR AND VERIFY OPERATION.
2. REMOVE EXISTING EXHAUST FAN AND EXTEND EXISTING 24X26 EXH. DUCT AND CONTROLS TO NEW CURB HEIGHT. VERIFY EXACT HEIGHT IN FIELD. REINSTALL TO NEW CURB AND VERIFY OPERATION OF UNIT. EXISTING FANS CAPACITY IS 4775 CFM @ 3/4" S.P. CONTRACTOR SHALL MEASURE THE ACTUAL AIR FLOW PRIOR TO REMOVAL AND SUBMIT TO THE DISTRICT AND ARCHITECT.
3. REPLACE (E) 10" BOILER FLUE AND WATER HEATER FLUE AND EXTEND ABOVE (N) ROOF LEVEL INCLUDE (N) FLASHING CONE, STORM COLLAR AND UL LISTED CAP. (E)FLUES TO BE REMOVED BY ABATEMENT CONTRACTOR.
4. ABANDON (E) INCINERATOR FLUE. ABATEMENT CONTRACTOR TO REMOVE FLUE.
5. REMOVE EXISTING EXHAUST FAN INCLUDING DUCTWORK, GRILLES, CONTROL AND POWER WIRING
6. REMOVE EXISTING GRAVITY VENT AND DUCT WORK AS REQUIRED.
7. SEE ARCHITECTURAL DRAWING A2.3 FOR INSTALLATION OF ROOF AND OVERFLOW DRAINS. EXTEND 3"OD THRU (E) SOFFIT AND DAYLIGHT THRU (E) SOFFIT. PROVIDE ECUTHEON PLATE AT PENETRATION. PROVIDE SPEEDI-SET OUTLET CONNECTION FOR CONNECTING TO THE COPPER DOWNSPOUTS. OVERFLOW DRAIN SHALL BE C.I.

ROOF PLAN: MULTI-PURPOSE AND CLASSROOM BUILDINGS | 1/8" | 1

MP4.2.DWG

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ROOF PLAN

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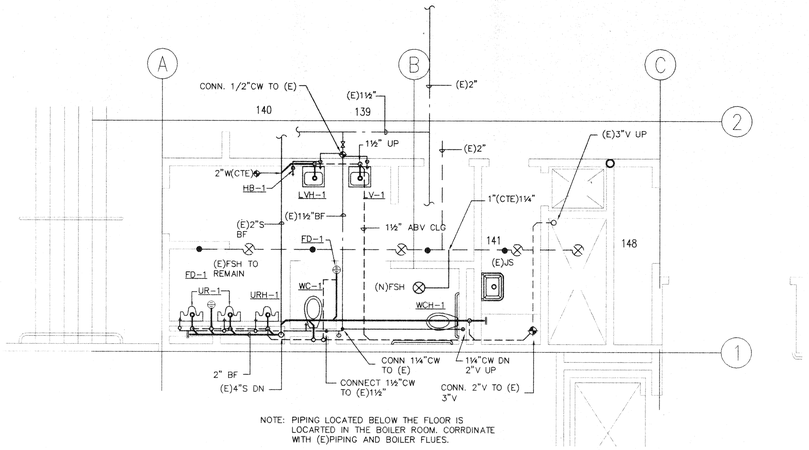
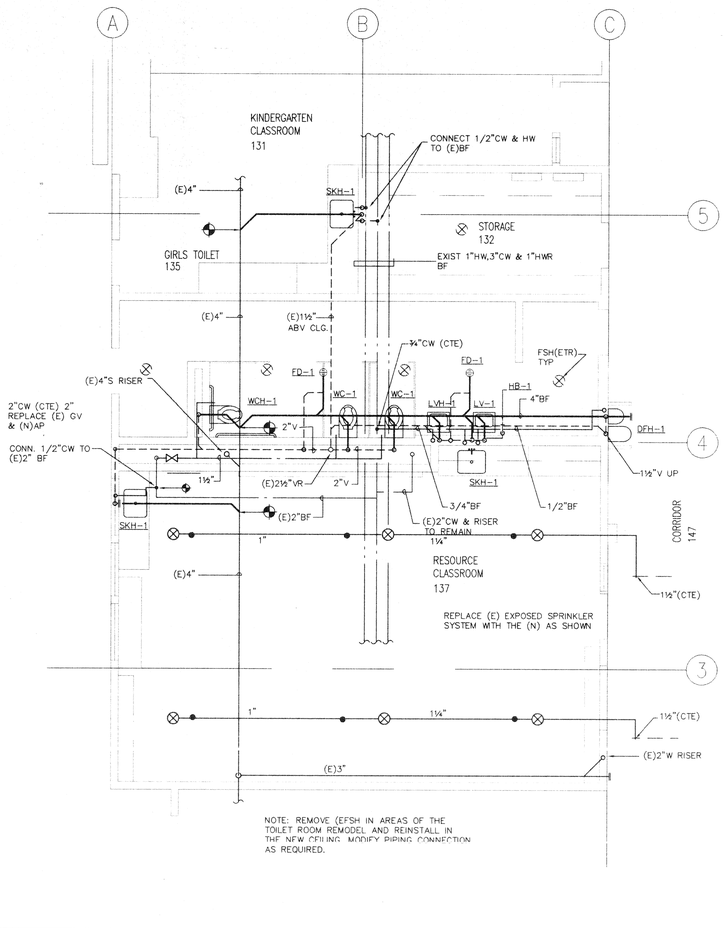


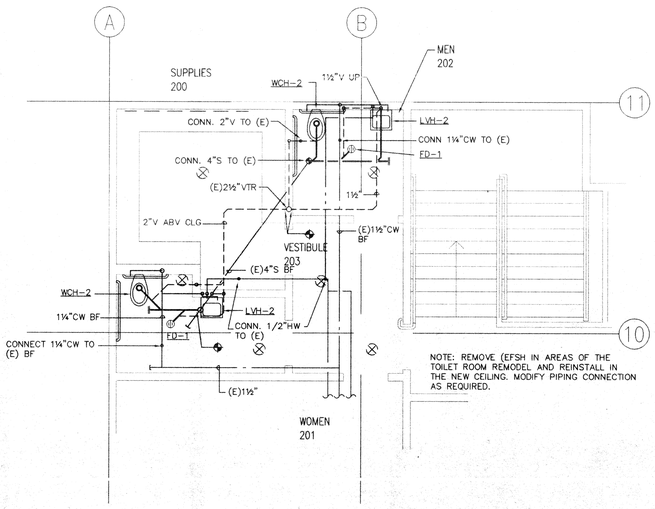
NOTE: PIPING LOCATED BELOW THE FLOOR IS LOCARTED IN THE BOILER ROOM. CORRDINATE WITH (E)PIPING AND BOILER FLUES.

ENLARGED PLAN: TOILET ROOM 1ST FLOOR | 1/4" | 3



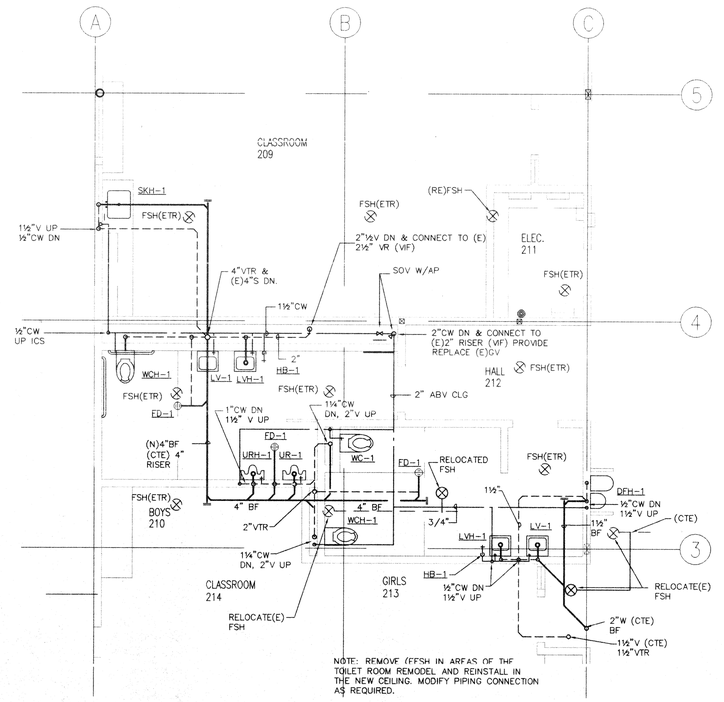
NOTE: REMOVE (E)FSH IN AREAS OF THE TOILET ROOM REMODEL AND REINSTALL IN THE NEW CEILING. MODIFY PIPING CONNECTION AS REQUIRED.

ENLARGED PLAN: RESOURCE CLASSROOM 1ST FLOOR | 1/4" | 1



NOTE: REMOVE (E)FSH IN AREAS OF THE TOILET ROOM REMODEL AND REINSTALL IN THE NEW CEILING. MODIFY PIPING CONNECTION AS REQUIRED.

ENLARGED PLAN: TOILET ROOMS 2ND FLOOR & STAIR | 1/4" | 4



NOTE: REMOVE (E)FSH IN AREAS OF THE TOILET ROOM REMODEL AND REINSTALL IN THE NEW CEILING. MODIFY PIPING CONNECTION AS REQUIRED.

ENLARGED PLAN: TOILET ROOMS 2ND FLOOR | 1/4" | 2

KEY NOTES

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ENLARGED PLUMBING FLOOR PLANS

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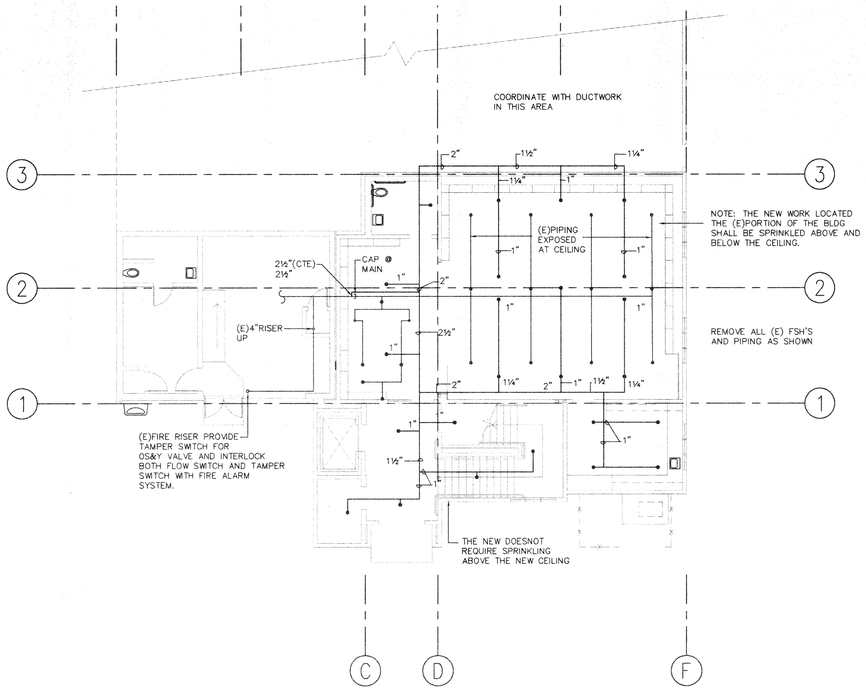
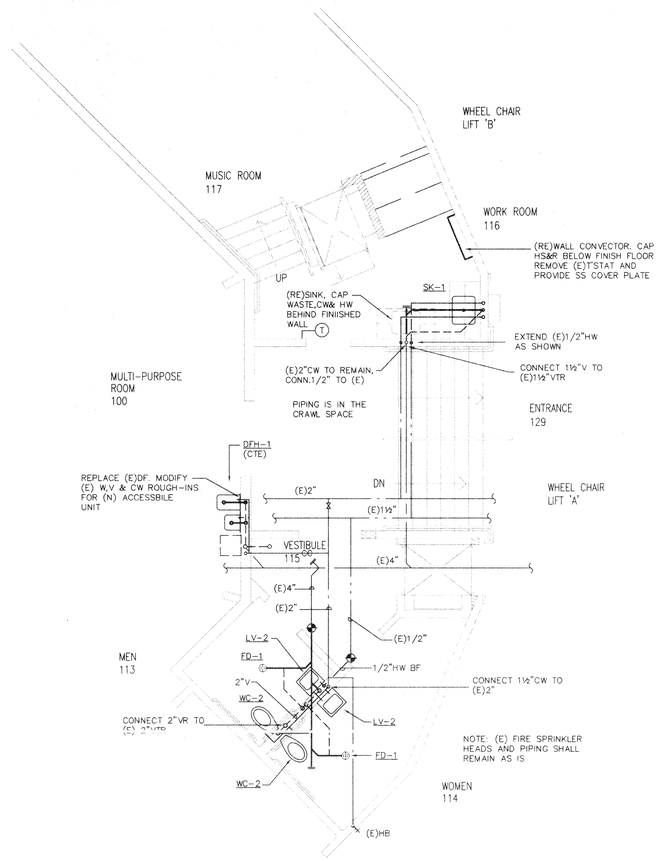
MP41.DWG



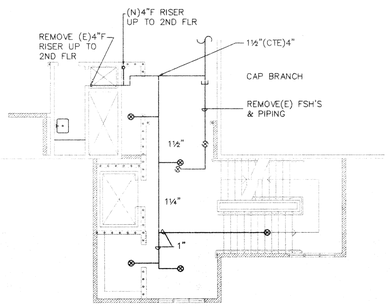
BAEMENT FLOOR PLAN – CLASSROOM BUILDING – FIRE PROTECTION | 1/8" | 3



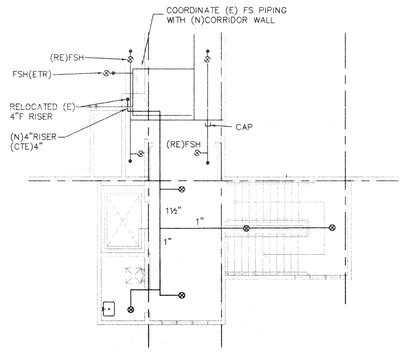
ENLARGED PLAN: TOILET ROOMS 1ST FLOOR | 1/4" | 1

KEY NOTES

1. EXACT LOCATION OF THE THE SPRINKLER HEADS AND PIPING SHALL BE DETERMINED IN THE FIELD. COORDINATE WITH MECHANICAL DUCTWORK, LIGHTING AND ANY OTHER CEILING MOUNTED DEVICE.
2. EXISTING FIRE SPRINKLER DRAWINGS ARE AVAILABLE FROM THE SCHOOL DISTRICT.



STAIRWAYS FIRST FLOOR – FIRE PROTECTION | 1/8" | 4



STAIRWAYS SECOND FLOOR – FIRE PROTECTION | 1/8" | 2

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ENLARGED PLUMBING FLOOR PLANS

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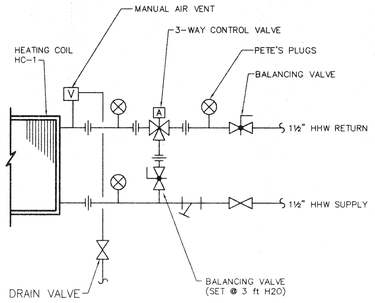
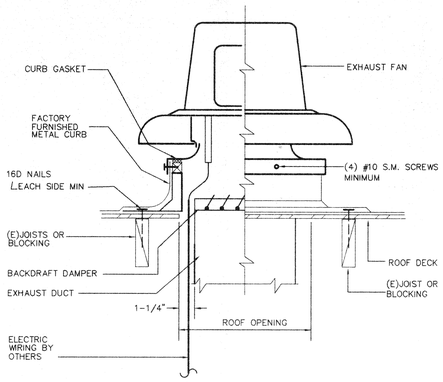
DATE 2/24/1998

MP42.DWG



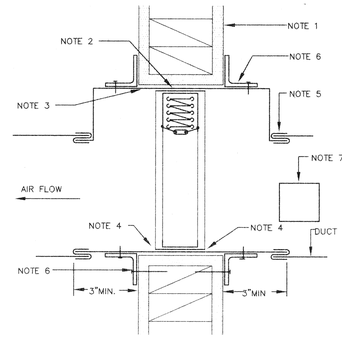
1 HEATING COIL PIPING DIAGRAM

NO SCALE



2 ROOF EXHAUST FAN DETAIL

NOT TO SCALE



STANDARD FRAME INSTALLATION

NOTES:

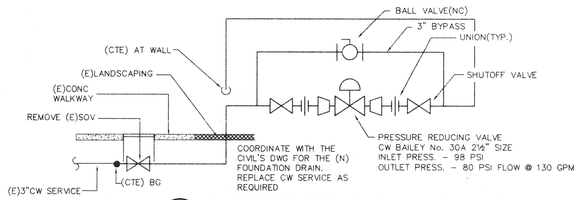
1. STANDARD FRAME FIRE PARTITION WITH DOUBLE HEADER FRAMING AND FIRE RATED MATERIAL LINING IN LINTEL. DOUBLE HEADER NOT REQUIRED AT STEEL LINING NOT REQUIRED AT CONCRETE OR MASONRY.
2. OPENING TO BE 1/8" WIDER FOR EACH FOOT OF SLEEVE WIDTH AND 1/8" H HIGHER FOR EACH FOOT OF SLEEVE HEIGHT.
3. SLEEVE TO EXTEND 3" BEYOND EACH SIDE OF PARTITION
4. FIRE DAMPER FRAME ATTACHED TO SLEEVE BY DAMPER MANUFACTURER.
5. "S" DUCT CONNECTION – NOT SCREWED OR BOLTED TO SLEEVE.
6. ANGLES ALL AROUND SLEEVE ON BOTH SIDES OF PARTITION, WELDED OR BOLTED TO SLEEVE WITH 1" FILLETS AT 5" O.C. MAXIMUM OR 1/4" BOLTS AT 5" O.C. MAXIMUM. ANGLES ARE NOT ATTACHED TO WALL (EXCEPT AT SILL WHICH IS OPTIONAL) TO PROVIDE FOR EXPANSION. IN NO CASE SHALL ANGLE OVERLAP WALL FRAMING LESS THAN 1". SEE MANUFACTURER'S APPROVAL FOR SIZE AND GAUGE OF ANGLE.
7. SUITABLE ACCESS SERVICE OPENINGS MUST BE PROVIDED TO MAKE FIRE DAMPERS ACCESSIBLE FOR INSPECTION AND SERVICING.
8. TYPE C FIRE DAMPER SHOWN. TYPES A AND B SIMILIAR.

3 VERTICAL FIRE DAMPER

NO SCALE

4 TYPICAL HANGING FANS

SCALE: NONE

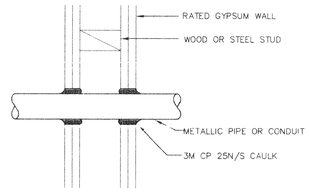


5 PRESSURE REDUCING VALVE ASSEMBLY

NO SCALE

NOTE:

1. PRV ASSEMBLY SHALL BE INSTALLED ABOVE GRADE IN THE EXISTING LANDSCAPE AREA. PROVIDE A EXPANED METAL GAGE SURROUNDING THE ASSEMBY WITH LOCK SAD



NOTES

1. THE CAULK IS TO BE FORCED INTO THE ANNULAR SPACE TO THE MAXIMUM EXTENT POSSIBLE WITH THE EXTERIOR OF THE PENETRATION SURFACE.
2. FINISH CAULKING WITH A 1/4" MINIMUM BEAD OF CP 25N/S CAULK APPLIED TO THE PERIMETER OF THE CONDUIT/PIPE AT ITS EGRESS FROM THE WALL.
3. THE MAXIMUM ANNULAR SPACE IS NOT TO EXCEED 3/16".
4. INSTALL 3M FIRESTOP ON BOTH SIDES OF THE WALL.
5. THESE RECOMMENDATIONS ARE BASED ON PRODUCT PERFORMANCE PER ASTM E-814 (UL 1479) FIRE TEST AND UL THROUGH-PENETRATION FIRESTOP SYSTEM #147.

UL SYSTEM #147

6 PENETRATION FIRESTOP

NO SCALE

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CONSULTANT'S STAMP

Oxford Elementary School Modernization

1130 Oxford Street • Berkeley, CA 94707

BERKELEY UNIFIED SCHOOL DISTRICT

DETAILS

DATE	ISSUE	REV.
2/23/98	BID SET	

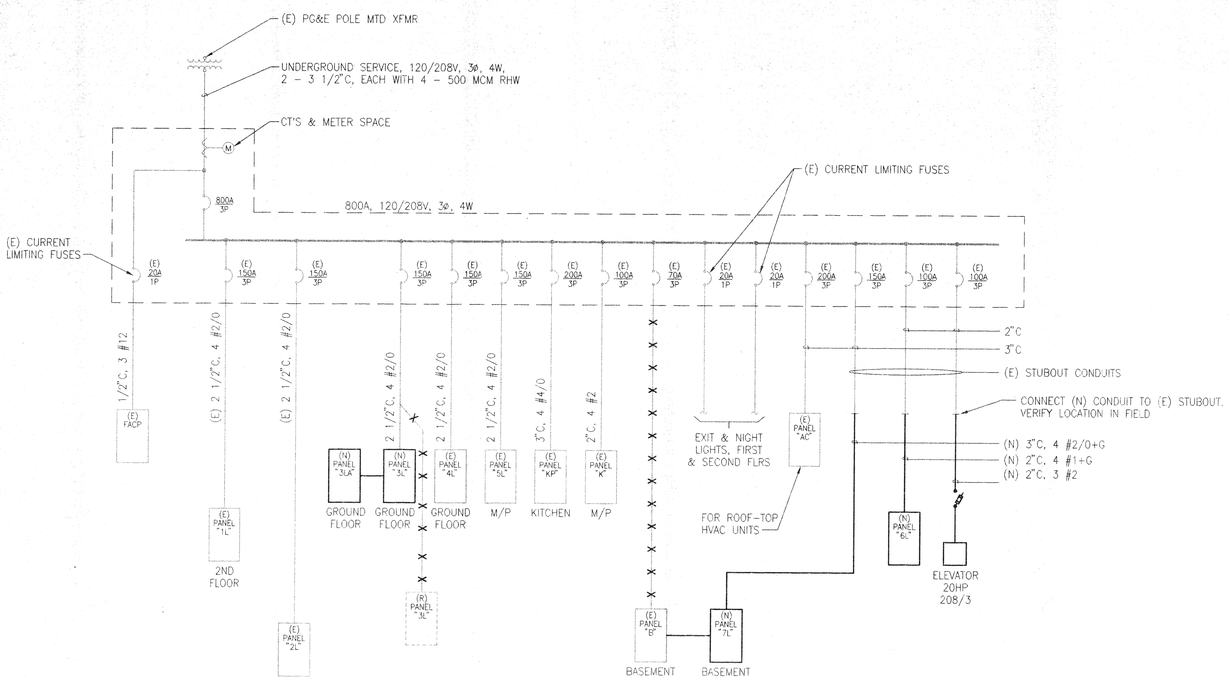
DRAWN BY: SAS SCALE: NO SCALE
CHECKED BY: RBM

MP8.1

JOB NO: 9714 45 OF 60 SHEETS

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APPL 80148 AC FLS SS NFE DATE 3-31-1998

MP8.1.DWG



SINGLE-LINE DIAGRAM

LEGEND

CIRCUITING

- A-1 / GROUND CONDUCTOR — HOMERUN CONDUIT AND CONDUCTORS TO PANEL-A, CKT 1 SLASH MARKS INDICATE NUMBER OF CONDUCTORS, 2#12 AWG + 1#12 GND, UNLESS OTHERWISE INDICATED.
- CONDUIT CONCEALED IN WALL OR CEILING
- (E) CONDUIT CONCEALED IN WALL OR CEILING
- CONDUIT RUN UNDERGROUND OR UNDERFLOOR
- EMS WIRING
- (E) CONDUIT RUN UNDERGROUND OR UNDERFLOOR
- CONDUIT RUN EXPOSED
- (E) CONDUIT RUN EXPOSED
- (E)(R) EXISTING CONDUIT AND WIRES TO BE REMOVED
- CONDUIT UP
- CONDUIT DOWN
- ANNOTATED WIRE, (ASTERISK IS NOT PART OF SYMBOL) SUBSCRIPT LETTER INDICATES WIRE USAGE
  C.....COMPUTER
  CL.....CLOCK
  E.....EMERGENCY CIRCUIT
  EMS.....ENERGY MANAGEMENT SYSTEM
  F.....FIRE ALARM
  G.....GAS
  I.....INTRUSION/BURGLAR
  P.....POWER OR PRIMARY
  PA.....PUBLIC ADDRESS/INTERCOM
  PM.....MULTIOUTLET STRIP (PLUGMOLD)
  S.....SECONDARY POWER
  SR.....SURFACE RACEWAY
  T.....TELEPHONE
  TD.....TELEPHONE/DATA
  TV.....TELEVISION SYSTEM
  W.....WATER
- W — WIREMOLD SURFACE RACEWAY
- X — REMOVE FEEDER
- CONDUIT CAP
- CONDUIT CONTINUED

TRANSFORMERS

- TRANSFORMER, SINGLE OR THREE PHASE, SINGLE LINE
- CURRENT TRANSFORMER WITH UTILITY METER & SOCKET

OUTLETS

- JUNCTION BOX, CEILING, WALL OR FLUSH FLOOR MOUNTED
- SIMPLEX RECEPTACLE, +15" AFF UON
- DUPLEX RECEPTACLE, +15" AFF UON
- FOURPLEX RECEPTACLE, +15" AFF UON
- ANNOTATED DEVICE, (ASTERISK IS NOT PART OF SYMBOL) SUBSCRIPT LETTER INDICATES RECEPTACLE USAGE
  D.....DEDICATED CIRCUIT
  GFCI.....GROUND FAULT CIRCUIT INTERRUPTER
  IG.....ISOLATED GROUND
  WP.....WEATHERPROOF
- FLOOR RECEPTACLE
- DUPLEX FLOOR RECEPTACLE
- FOURPLEX FLOOR RECEPTACLE
- DUPLEX CEILING RECEPTACLE
- SPECIAL PURPOSE RECEPTACLE
- WALL TELEPHONE OUTLET, +15" AFF UON
- FLOOR TELEPHONE OUTLET
- WALL COMPUTER DATA OUTLET, +15" AFF UON (4=DESIGNATES NUMBER OF JACKS, TYP.)
- FLOOR COMPUTER DATA OUTLET
- DATA/VOICE OUTLET, +15"AFF UON
- CLOCK
- TV OUTLET
- SPECIAL FUNCTION OUTLETS (ASTERISK IS NOT PART OF SYMBOL) SUBSCRIPT LETTER INDICATES USAGE
  BA...BURGLAR ALARM
  M.....MICROPHONE OUTLET
  NL.....NIGHT LIGHT
  PA.....PAGING SYSTEM
  PE.....PHOTO ELECTRIC CONTROLLER
  R.....RELAY
  T.....THERMOSTAT
  TS.....TIMESWITCH
  V.....VOLUME CONTROL
- I.....INTERCOM

ELECTRICAL APPARATUS AND EQUIPMENT

- SAFETY DISCONNECT SWITCH, FUSED AND NON-FUSED
- FAN OUTLET
- MOTOR OUTLET
- MOTOR STARTER: STARTER ONLY, COMBINATION TYPE
- MANUAL MOTOR STARTER, HP RATED
- GROUND ROD
- FUSE
- THERMAL ELEMENT
- FRAME OR CHASSIS GROUND
- KHW METER
- MAGNETIC CONTACTOR

PANELBOARDS, SWITCHBOARDS, AND RELATED EQUIPMENT

- SWITCHBOARD OR MOTOR CONTROL CENTER AS INDICATED
- PANELBOARD, SURFACE OR RECESSED
- TERMINAL CABINET, SURFACE OR RECESSED
- PLYWOOD TERMINAL BOARD, PRIME PAINTED, 3/4" THK

SWITCH OUTLETS

- SINGLE POLE SWITCH
- DP DOUBLE POLE SWITCH
- 3 THREE-WAY SWITCH
- 4 FOUR WAY SWITCH
- D DIMMER SWITCH
- K KEY OPERATED SWITCH
- M MOMENTARY CONTACT, SWITCH
- OCCUPANCY SENSOR
- DOOR PUSHBUTTON
- DOOR SECURITY KEYPAD

FIXTURES

- EXIT LIGHT FIXTURE, CEILING OR WALL MTD, WITH ARROWS AS INDICATED SHADED QUADRANT(S) DENOTE(S) FACE(S).
- LOW LEVEL EXIT LIGHT FIXTURE
- EXIT LIGHT FIXTURE WITH TWIN HEAD EMERGENCY LIGHT
- TWIN HEAD EMERGENCY LIGHT
- FP LOW LEVEL CORRIDOR EXIT PATHWAY MARKING, PHOTOLUMINESCENT TYPE
- CEILING OR WALL MOUNTED FIXTURE
- 2' X 2' OR 2' X 4' RECESSED FLUORESCENT FIXTURE
- LT TRACK LIGHT WITH TRACK
- FLUORESCENT FIXTURE, WALL OR CEILING MTD
- STRIP FLUORESCENT FIXTURE
- SPOT LIGHT, CEILING OR WALL MTD
- BOLLARD LIGHT
- SINGLE, OR TWIN LUMINAIRE AND POLE
- CHANDELIER
- F12 LIGHTING FIXTURE TAG

MISCELLANEOUS

- CIRCUIT BREAKER
- GROUND TO EARTH
- SWITCH
- FUSE SWITCH
- CONTACTS, NORMALLY OPEN, NORMALLY CLOSED
- MAGNETIC DOOR HOLDER
- 1 / E4 DETAIL NUMBER / SHEET NUMBER — DETAIL TAG
- SHEET NUMBER ON WHICH DETAIL IS TAKEN — 1 / E4.5 DETAIL NUMBER / SHEET NUMBER ON WHICH DETAIL IS DRAWN — CROSS-REFERENCED DETAIL TAG
- HP / 1 EQUIPMENT DESIGNATION TAG / EQUIPMENT NUMBER — MECHANICAL EQUIPMENT TAG

FIRE ALARM/LIFE SAFETY

- SPRINKLER VALVE TAMPER SWITCH
- SPRINKLER FLOW SWITCH
- SMOKE DETECTOR
- HEAT DETECTOR
- SPEAKER
- PROJECTION SPEAKER
- FIRE ALARM STROBE LIGHT
- FIRE ALARM PULL STATION
- FIRE ALARM HORN/STROBE LIGHT
- LIFE SAFETY SYSTEM SPEAKER/STROBE LIGHT
- FIRE ALARM HORN
- SINGLE OR DOUBLE PROJECTOR FIRE ALARM HORN
- FIRE ALARM BELL
- DUCT DETECTOR
- RAC REMOTE ANNUNCIATOR PANEL
- FACP FIRE ALARM CONTROL PANEL
- EOW END-OF-LINE RESISTOR
- 60 ADDRESSABLE INTERFACE MODULE, RELAY INPUT (TPI-60)
- ADDRESSABLE INTERFACE MODULE, PEAK INPUT (TPI-600)
- WATER FLOW BELL

ABBREVIATIONS

A.....AMPERE
ACSR.....ALUMINUM CABLE, STEEL REINF.
ADJ.....ADJUSTABLE, ADJACENT
ADPT.....ADAPTER
AFF.....ABOVE FINISHED FLOOR
AG.....ABOVE GRADE
ANN.....ANNUNCIATOR
ASTRO.....ASTRONOMIC
ASYM.....ASYMMETRIC
AUX.....AUXILIARY
AWG.....AMERICAN WIRE GAUGE

BC.....BARE COPPER
BD.....BUS DUCT

C.....CONDUIT
CKT.....CIRCUIT
CLG.....CEILING
CO.....CONDUIT ONLY
COMM.....COMMUNICATIONS
CONTR.....CONTRACTOR
CR.....CLASSROOM
CU.....COPPER

DC.....DIRECT CURRENT
DET.....DETAIL
DIA.....DIAMETER
DIG.....DEDICATED ISOLATED GROUND
DWG.....DRAWING

EF.....EXHAUST FAN
ELEC.....ELECTRICAL
EMERG.....EMERGENCY
EMH.....ELECTRIC MANHOLE
EMS.....ENERGY MANAGEMENT SYSTEM
EMT.....ELECTRICAL METALLIC TUBING
ENCL.....ENCLOSURE
EOL.....END OF LINE
EQ.....EQUAL
EQUIP.....EQUIPMENT

FA.....FIRE ALARM
FACP.....FIRE ALARM CONTROL PANEL
FDR.....FEEDER
FLA.....FULL LOAD AMPERES
FATB.....FIRE ALARM TERMINAL BOARD

GALV.....GALVANIZED
GEN.....GENERATOR
GFCI.....GROUND FAULT CIRCUIT INTERRUPTER
GND.....GROUND
GRSC.....GALVANIZED RIGID STEEL CONDUIT
GUT.....GUTTER

HH.....HANDHOLE
HP.....HORSEPOWER
HV.....HIGH VOLTAGE
HZ.....HERTZ

IG.....ISOLATED GROUND

JB.....JUNCTION BOX

KAIC.....KILOAMPERES INTERRUPTING CAPACITY
KV.....KILOVOLT
KVA.....KILOVOLT-AMPERE
KVAR.....REACTIVE KILOVOLT-AMPERE
KW.....KILOWATT
KWH.....KILOWATT-HOUR

LTG.....LIGHTING
LTNG.....LIGHTNING
LV.....LOW VOLTAGE

MAX.....MAXIMUM
MCA.....MIN. CIRCUIT AMPERES
MCC.....MOTOR CONTROL CENTER
MECH.....MECHANICAL
MH.....MANHOLE
MI.....MIRROR IMAGE
MIN.....MINIMUM
MT.....MOUNT
MTD.....MOUNTED

NEC.....NATIONAL ELECTRICAL CODE
NIC.....NOT IN CONTRACT
NL.....NIGHT LIGHT
NO.....NUMBER

OAE.....OR APPROVED EQUAL
OC.....ON CENTER
OH.....OVERHEAD

PART.....PARTIAL
PB.....PULLBOX/PUSHBUTTON
PC.....PHOTOCELL
PNL.....PANEL
PWR.....POWER
PVC.....POLYVINYL CHLORIDE

QTY.....QUANTITY

RAP.....REMOTE ANNUNCIATOR PANEL
RECEPT.....RECEPTACLE
REINF.....REINFORCEMENT
RELOC.....RELOCATE
REM.....REMOVE
REPL.....REPLACE
RQMNT.....REQUIREMENT
RS.....RAPID START

SHT.....SHEET
SP.....SPARE
SQ.....SQUARE
SR.....SURFACE RACEWAY
SS.....STAINLESS STEEL
STBY.....STANDBY
STC.....SIGNAL TERMINAL CABINET
SUP.....SUPPORT
SURF.....SURFACE
SUSP.....SUSPEND
SW.....SWITCH
SWBD.....SWITCHBOARD
SYS.....SYSTEM

TB.....TERMINAL BOARD
TEL.....TELEPHONE
TTB.....TELEPHONE TERMINAL BOARD
TTC.....TELEPHONE TERMINAL CABINET
TYP.....TYPICAL

UG.....UNDERGROUND
UON.....UNLESS OTHERWISE NOTED
UV.....UNIT VENTILATOR

V.....VOLT

W.....WATT
W/.....WITH
WD.....WOOD
W/O.....WITHOUT
WP.....WEATHERPROOF

XFMR.....TRANSFORMER

(E).....EXISTING TO REMAIN
(N).....NEW
(R).....EXISTING TO BE REMOVED
(RL).....RELOCATED EXISTING

4@AG
A QA WF
2/24/1998

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REGISTERED PROFESSIONAL ENGINEER RAYMOND D. ZEIGER NO. E7218 EXP. 9/30/99 Electrical STATE OF CALIFORNIA

CONSULTANT'S STAMP

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1130 Oxford Street • Berkeley, CA
BERKELEY UNIFIED SCHOOL DISTRICT
94707

LEGEND, ABBREVIATIONS, SINGLE-LINE DIAGRAM

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: AG SCALE: NONE
CHECKED BY: RZ

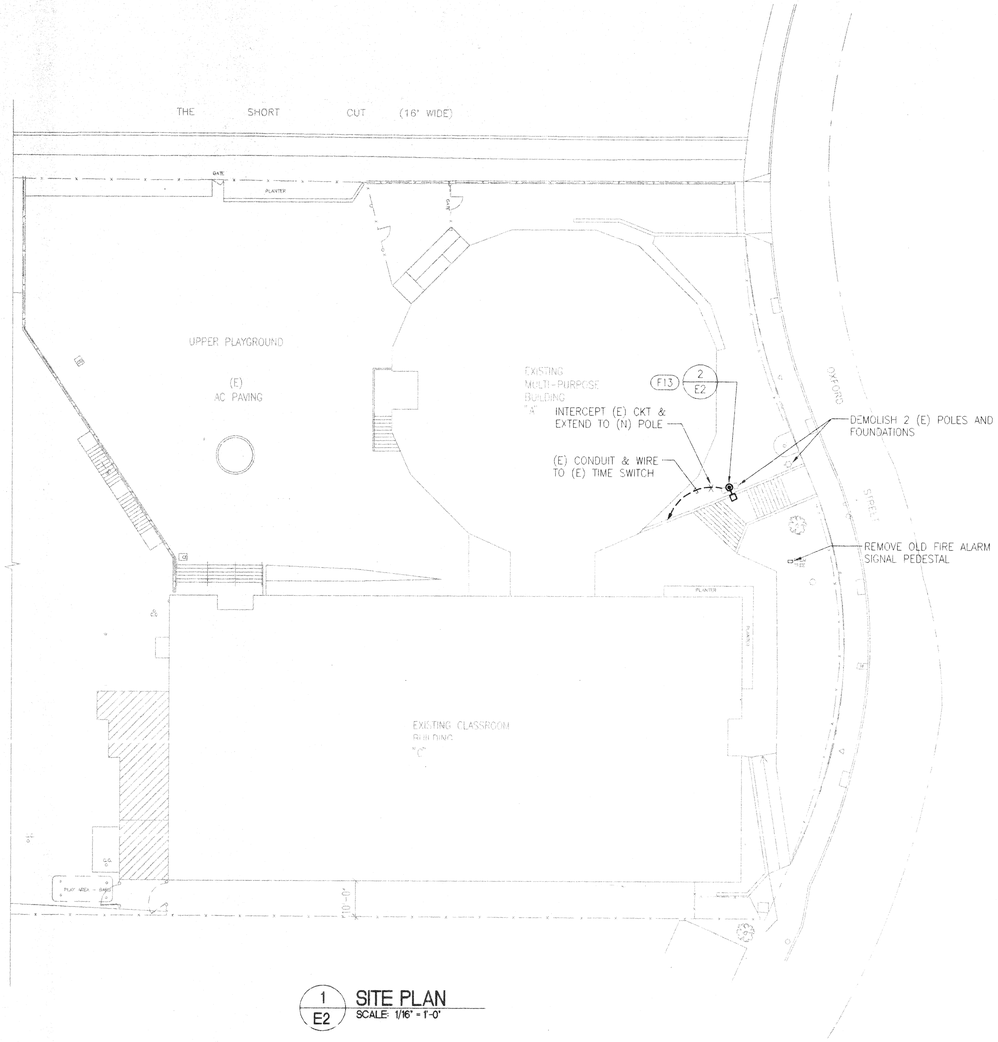
E1

JOB NO: 1870 | 44 OF 60 SHEETS

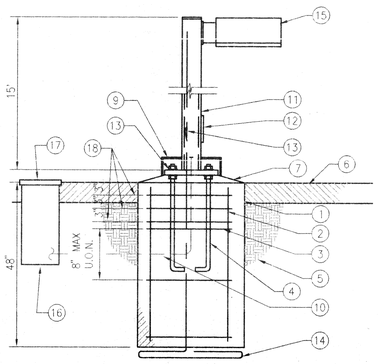
LIGHTING FIXTURE SCHEDULE

REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES AND DETAILS TO DETERMINE NECESSARY FIXTURE MOUNTING ACCESSORIES AND TO APPLICABLE BUILDING CODES FOR REQUIRED FIXTURE SUPPORTS, AND FOR MAINTAINING CEILING FIRE RATINGS. FLUORESCENT BALLASTS SHALL BE CERTIFIED PER TL24, SEC2-5314a.

TYPE	FIXTURE DESCRIPTION	MFGR'S CATALOG NO.	MOUNTING	VOLTAGE	LAMPS	REMARKS
F1	8' SURFACE WRAP AROUND FLUORESCENT WITH 4-T8 LAMPS AND ELECTRONIC BALLAST. INJECTION MOLDED ACRYLIC LENS.	WILLIAMS 31-8-4320C-HI-ELEC HOLOPHANE SERIES 7100 LENS,	SURFACE	120	4-T8	SEE DETAILS 1,3/E10
F2	4' SURFACE WRAP AROUND FLUORESCENT WITH 2-T8 LAMPS AND ELECTRONIC BALLAST. INJECTION MOLDED ACRYLIC LENS.	WILLIAMS 31-4-2320C-HI-ELEC HOLOPHANE SERIES 7100 LENS,	SURFACE	120	2-T8	SEE DETAILS 1,3/E10
F3	4' SURFACE INJECTION MOLDED WRAP AROUND FLUORESCENT WITH 3-T8 LAMPS AND ELECTRONIC BALLASTS.	WILLIAMS 31-4-3320C-HI-ELEC HOLOPHANE SERIES 7100 LENS,	SURFACE	120	3-T8	SEE DETAILS 1,3/E10
F4	EXTERIOR SURFACE MOUNTED HPS CANOPY LIGHT WITH POLYCARBONATE PRISMATIC REFRACTOR 10"X10"X5" DEEP	STONCO TLC 70HLXL	SURFACE	120	70W HPS	
F5	4' SURFACE INJECTION MOLDED WRAP AROUND FLUORESCENT WITH 2-T8 LAMPS AND ELECTRONIC BALLAST. DR ACRYLIC LENS.	WILLIAMS 21-4-2320C-IM-ELEC	SURFACE	120	2-T8	SEE DETAILS 1,3/E10
F6	REPLACEMENT LENSES ON (E) FIXTURES	VERIFY LENS REQUIREMENTS IN FIELD				
F7	REPLACEMENT LENSES ON (E) FIXTURES	VERIFY LENS REQUIREMENTS IN FIELD				
F8	8' PENDANT MOUNTED DIRECT FLUORESCENT LIGHT WITH LOUVER DOWNLIGHT SECTION, (1 13/16" X 4 3/16" O.C. PARABOLIC LOUVERS), TWO PIECE FACETED RECTANGULAR DIE-FORMED STEEL HOUSING, 4-T8 LAMPS, ELECTRONIC BALLAST, SEMI-SPECULAR FINISH, AIRCRAFT CABLE SUPPORT, WHITE CORD FEED	NATIONAL #SCWC-10-232-D/ID-AC-120-EB-8FT	PENDANT	120	4-T8	SEE DETAIL 4/E10 13'-6" TO BOTTOM
F9	4' SURFACE MOUNTED DIRECT FLUORESCENT LIGHT WITH LOUVER DOWNLIGHT SECTION, (1 13/16" X 4 3/16" O.C. PARABOLIC LOUVERS), TWO PIECE FACETED RECTANGULAR DIE-FORMED STEEL HOUSING, 2-T8 LAMPS, ELECTRONIC BALLAST, SEMI-SPECULAR FINISH,	NATIONAL #SCWC-10-232-D-A20-EB-4FT	SURFACE	120	2-T8	MOUNT DIRECTLY TO CEILING
F10	EXTERIOR HPS FLOODLIGHT WITH POLYCARBONATE SHIELD	STONCO SLA150-LXL-SL552	WALL	120	150W HPS	+20' AFF MAX, SAD
F11	5.75" WIDE, 48" LONG, RECESSED FLUORESCENT. NARROW APERTURE, 1 13/16" X 4 3/16" O.C. PARABOLIC LOUVERS, SEMI-SPECULAR FINISH, ELECTRONIC BALLAST	NATIONAL #R66-2-32-PX-G-120-EB-4FT	RECESS	120	2-T8	SEE DETAIL 2/E10
F12	12' PENDANT MOUNTED DIRECT FLUORESCENT LIGHT WITH LOUVER DOWNLIGHT SECTION, (1 13/16" X 4 3/16" O.C. PARABOLIC LOUVERS), TWO PIECE FACETED RECTANGULAR DIE-FORMED STEEL HOUSING, 6-T8 LAMPS, ELECTRONIC BALLAST, 2 CIRCUIT WIRED FOR LAMP CONTROL, SEMI-SPECULAR FINISH, AIRCRAFT CABLE SUPPORT, WHITE CORD FEED	NATIONAL #SCWC-10-232-D/ID-AC-120-EB-12FT	PENDANT	120	6-T8	SEE DETAIL 5/E10
F13	12" SQ HPS AREA LIGHT ON 15' POLE	RUUD MPR2515-1-LS-PS3S1551BZ	POLE	120	150HPS	
F14	VAPOR PROOF INCANDESCENT WITH GUARD	STONCO VWXL11GC	WALL	120	75W A-19	
F15	DIE-CAST ALUMINUM HOUSING, POLYCARBONATE LENS	RUUD E8503-1	WALL	120	35HPS	
F16	KEYLESS PORCELAIN LAMPHOLDER LENS	HUBBELL-457	WALL	120	75W A-19	
F17	CEILING MOUNTED EDGE-LIT LED EXIT SIGN WITH EMERGENCY BATTERY	LITHONIA #PRECISE LRP-BS-1-RC-120-ELN-CEILING MOUNT	CEILING	120	L.E.D.	
F18	HI-LOW LED EXIT MASTER/REMOTE COMBO, UNIVERSAL MOUNTING (TOP, END OR BACK) FOR MASTER MOUNTING	LITHONIA #SIGNATURE LES-W-1-R-120-ELN-MST-TPS-VRS	WALL	120	L.E.D.	
F19	DOUBLE FACE EXIT SIGN WITH INTEGRAL EMERGENCY BATTERY, CEILING MOUNTED	LITHONIA #PRECISE LRP-DS-2-RC-DA 120-ELN-CEILING MOUNT	CEILING	120	L.E.D.	
F20	WALL MOUNTED EDGE-LIT EXIT SIGN WITH INTEGRAL EMERGENCY BATTERY	LITHONIA #PRECISE LRP-BS-1-RC-120-ELN-BACK MOUNT	WALL	120	L.E.D.	
F21	WALL MOUNTED TWIN-HEAD EMERGENCY LIGHT WITH INTEGRAL NICKEL CADMIUM BATTERY, WHITE FINISH	LITHONIA #ELC2N-LW	WALL	120	2-7W TH	
F22	TWIN-HEAD RECESSED MINICYLINDER EMERGENCY LIGHT WITH INTEGRAL NICKEL CADMIUM BATTERY, WHITE FINISH	LITHONIA #ELR2N-MC	CEILING	120	2-7W TH	



1 / E2 **SITE PLAN**
SCALE: 1/16" = 1'-0"



SECTION

BILL OF MATERIAL

1. 24" DIAMETER DRILLED CAST IN PLACE CONCRETE PIER, 3000PSI @ 28 DAYS
2. 4 #4 VERTICAL BARS
3. #4 TIES SPACED AS SHOWN
4. ANCHOR BOLTS PER MANUFACTURERS REQUIREMENTS
5. COMPACTED BACKFILL
6. GRADE
7. 1 1/2" THICK GROUT SLOPED 1:3
8. DOUBLE WASHERS AND NUTS
9. BASE COVER
10. CONDUIT - 1" PVC
11. 5" SQ POLE
12. HANDHOLE
13. GROUND LUG
14. 5'COIL OF #6 COPPER
15. LIGHT FIXTURE
16. CHRISTY N-9 PULL BOX
17. PRECAST CONCRETE COVER
18. #3 REBARS, 3" O.C., 24" FROM TOP

2 / E2 **FOUNDATION DETAIL**
SCALE: NTS

REFERENCE NORTH

SCALE: 1/16"=1'-0"
0 4' 8' 16' 20' 30'

A 8/98 WF 2/20/1998

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■ LEE KARNEY AIA
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☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 13158 EXP 12/31/97 STATE OF CALIFORNIA

ARCHITECT'S STAMP

REGISTERED PROFESSIONAL ENGINEER RICHARD D. ZEIGER NO. E7218 EXP. 9/30/98 ELECTRICAL STATE OF CALIFORNIA

CONSULTANT'S STAMP

Oxford Elementary School
Modernization
1130 Oxford Street • Berkeley, CA 94707
BERKELEY UNIFIED SCHOOL DISTRICT

SITE PLAN, DETAIL, FIXTURE SCHEDULE

DATE	ISSUE	REV.
2/23/98	BID SET	

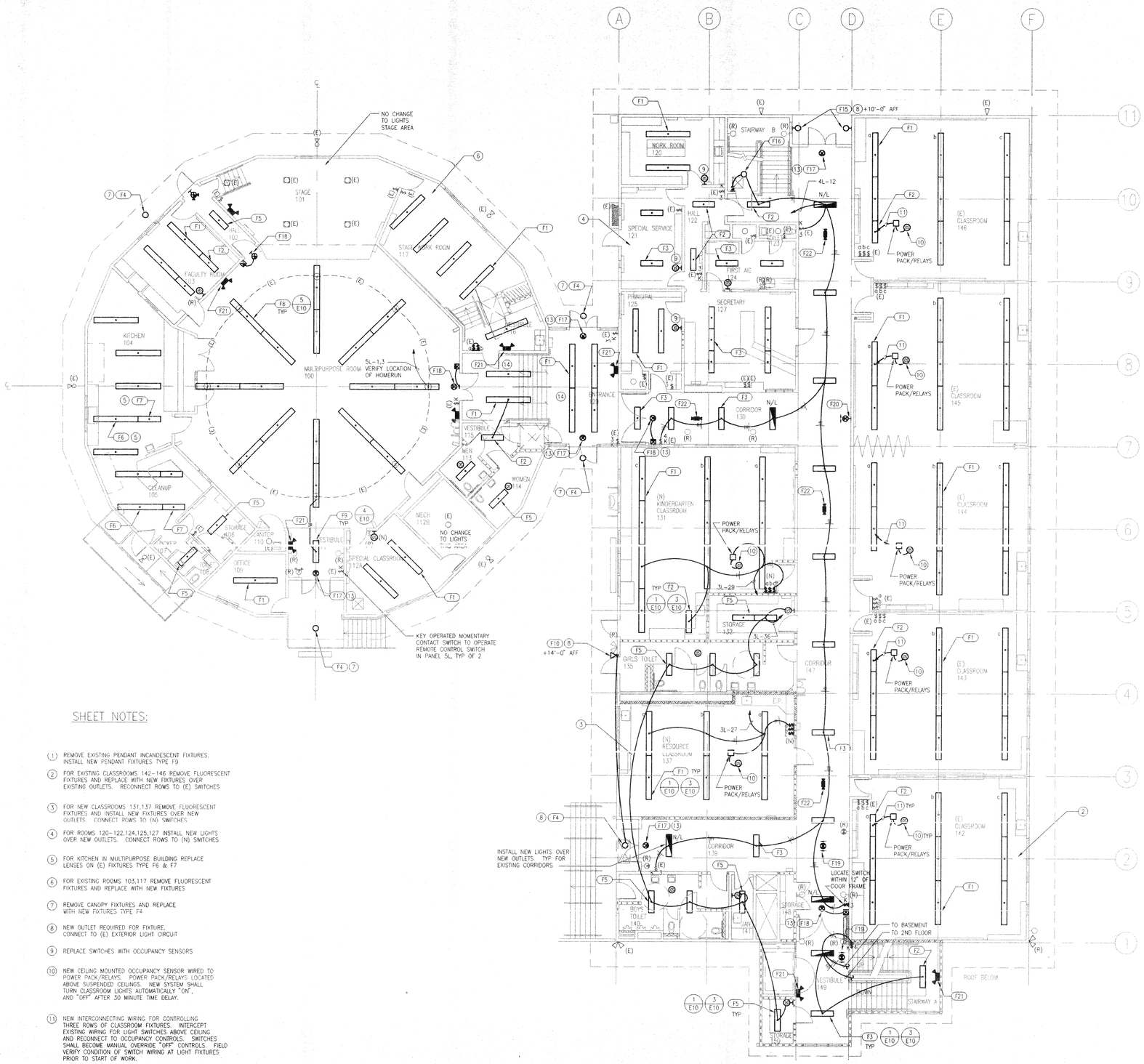
DRAWN BY: AG SCALE: 1/16
CHECKED BY: RZ

E2

JOB NO: 1870 | 47 OF 60 SHEETS

ZEIGER ENGINEERS, INC
Electrical Consultants
OAKLAND, CA 94607
TEL (510) 452-9391
FAX (510) 452-0661

SITE PLAN | 1/16" | 1



SHEET NOTES:

1. REMOVE EXISTING PENDANT INCANDESCENT FIXTURES. INSTALL NEW PENDANT FIXTURES TYPE F9
2. FOR EXISTING CLASSROOMS 142-146 REMOVE FLUORESCENT FIXTURES AND REPLACE WITH NEW FIXTURES OVER EXISTING OUTLETS. RECONNECT ROWS TO (E) SWITCHES
3. FOR NEW CLASSROOMS 131,137 REMOVE FLUORESCENT FIXTURES AND INSTALL NEW FIXTURES OVER NEW OUTLETS. CONNECT ROWS TO (N) SWITCHES
4. FOR ROOMS 120-122,124,125,127 INSTALL NEW LIGHTS OVER NEW OUTLETS. CONNECT ROWS TO (N) SWITCHES
5. FOR KITCHEN IN MULTIPURPOSE BUILDING REPLACE LENSES ON (E) FIXTURES TYPE F6 & F7
6. FOR EXISTING ROOMS 103,117 REMOVE FLUORESCENT FIXTURES AND REPLACE WITH NEW FIXTURES
7. REMOVE CANOPY FIXTURES AND REPLACE WITH NEW FIXTURES TYPE F4
8. NEW OUTLET REQUIRED FOR FIXTURE. CONNECT TO (E) EXTERIOR LIGHT CIRCUIT
9. REPLACE SWITCHES WITH OCCUPANCY SENSORS
10. NEW CEILING MOUNTED OCCUPANCY SENSOR WIRED TO POWER PACK/RELAYS. POWER PACK/RELAYS LOCATED ABOVE SUSPENDED CEILINGS. NEW SYSTEM SHALL TURN CLASSROOM LIGHTS AUTOMATICALLY "ON", AND "OFF" AFTER 30 MINUTE TIME DELAY.
11. NEW INTERCONNECTING WIRING FOR CONTROLLING THREE ROWS OF CLASSROOM FIXTURES. INTERCEPT EXISTING WIRING FOR LIGHT SWITCHES ABOVE CEILING AND RECONNECT TO OCCUPANCY CONTROLS. SWITCHES SHALL BECOME MANUAL OVERRIDE "OFF" CONTROLS. FIELD VERIFY CONDITION OF SWITCH WIRING AT LIGHT FIXTURES PRIOR TO START OF WORK.
12. REPLACE (E) EXIT LT WITH (N) EXIT LT.
13. (N) PENDANT EXIT SIGN. BOTTOM OF SIGN TO HANG +12" MAX. ABOVE TOP OF DOOR.
14. FOR ENTRANCE REMOVE FLUORESCENT FIXTURES AND REPLACE WITH NEW FIXTURES OVER EXISTING OUTLETS. RECONNECT ROWS TO (E) SWITCHES.

1 E3 **LIGHTING PLAN**
SCALE: 1/8" = 1'-0"

REFERENCE NORTH

SCALE: 1/8" = 1'-0"
0 2' 4' 6' 10' 15'

FIRST FLOOR LIGHTING PLAN: MULTI-PURPOSE AND CLASSROOM BUILDINGS

1/8" | 1

VBN ARCHITECTS
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LICENSED ARCHITECT LEE KARNEY C 3158 EXP. 12/31/99 STATE OF CALIFORNIA

ARCHITECT'S STAMP

REGISTERED PROFESSIONAL ENGINEER Ronald D Zeiger NO E7218 EXP. 9/30/99 Electrical STATE OF CALIFORNIA

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BERKELEY UNIFIED SCHOOL DISTRICT

LIGHTING PLAN - FIRST FLOOR

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: AG SCALE: 1/8
CHECKED BY: RZ

E3

JOB NO: 1870 | 46 OF 60 SHEETS

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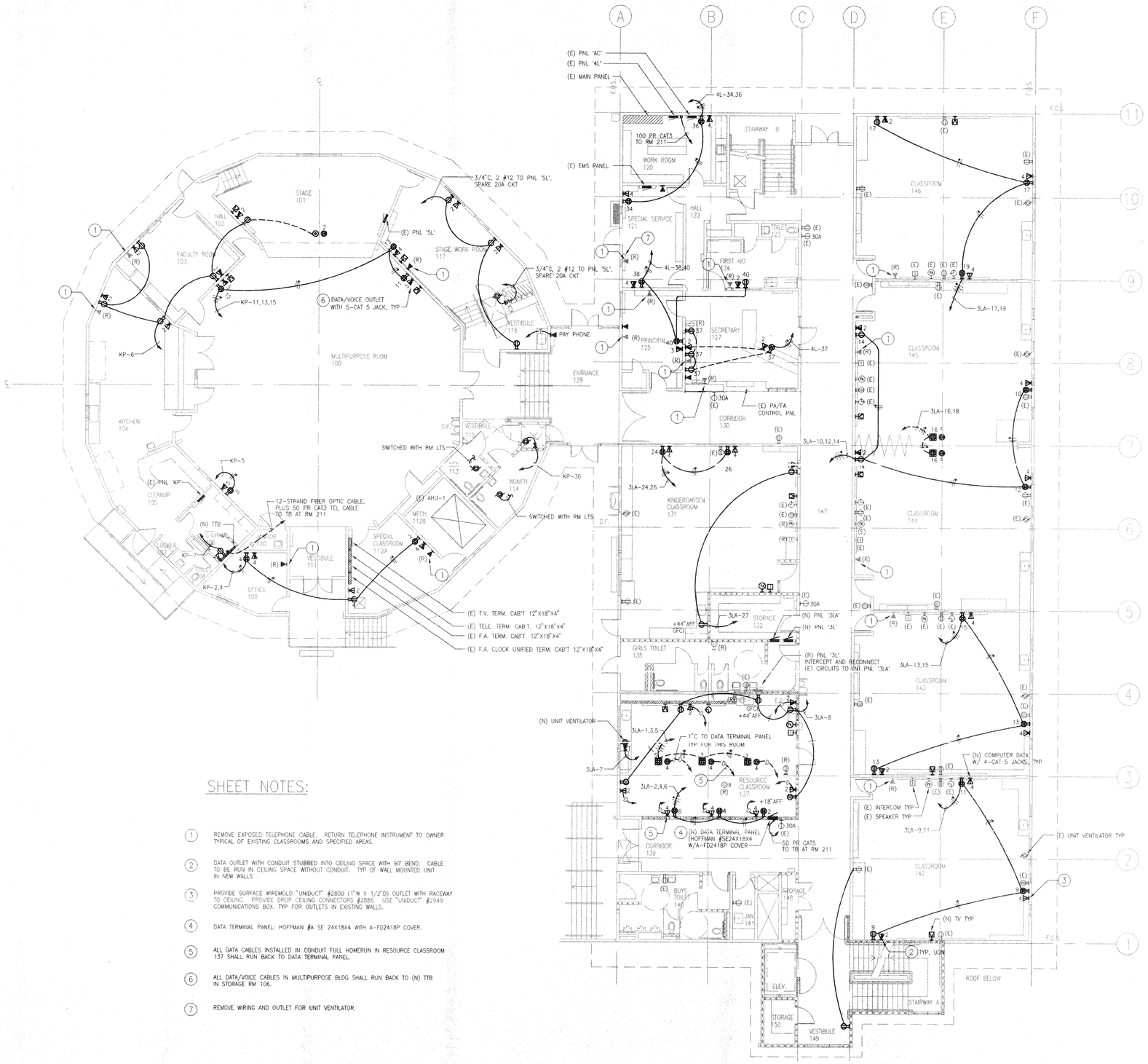
FAX (510) 452-0661



SHEET NOTES:

1. REMOVE EXPOSED TELEPHONE CABLE. RETURN TELEPHONE INSTRUMENT TO OWNER. TYPICAL OF EXISTING CLASSROOMS AND SPECIFIED AREAS.
2. DATA OUTLET WITH CONDUIT STUBBED INTO CEILING SPACE WITH 90° BEND. CABLE TO BE RUN IN CEILING SPACE WITHOUT CONDUIT. TYP OF WALL MOUNTED UNIT IN NEW WALLS.
3. PROVIDE SURFACE WIREMOLD "UNIDUCT" #2800 (1"W X 1/2"D) OUTLET WITH RACEWAY TO CEILING. PROVIDE DROP CEILING CONNECTORS #2886. USE "UNIDUCT" #2949 COMMUNICATIONS BOX. TYP FOR OUTLETS IN EXISTING WALLS.
4. DATA TERMINAL PANEL: HOFFMAN #A SE 24X18X4 WITH A-FD2418P COVER.
5. ALL DATA CABLES INSTALLED IN CONDUIT FULL HOMERUN IN RESOURCE CLASSROOM 137 SHALL RUN BACK TO DATA TERMINAL PANEL.
6. ALL DATA/VOICE CABLES IN MULTIPURPOSE BLDG SHALL RUN BACK TO (N) TTB IN STORAGE RM 106.
7. REMOVE WIRING AND OUTLET FOR UNIT VENTILATOR.

1 / E4 POWER AND SIGNAL PLAN
SCALE: 1/8" = 1'-0"

REFERENCE NORTH

SCALE: 1/8" = 1'-0"
0 2' 4' 6' 10' 15'

VBN ARCHITECTS
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POWER AND SIGNAL PLAN - FIRST FLOOR

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: AG SCALE: 1/8
CHECKED BY: RZ

E4

JOB NO: 1870 | 44 OF 60 SHEETS

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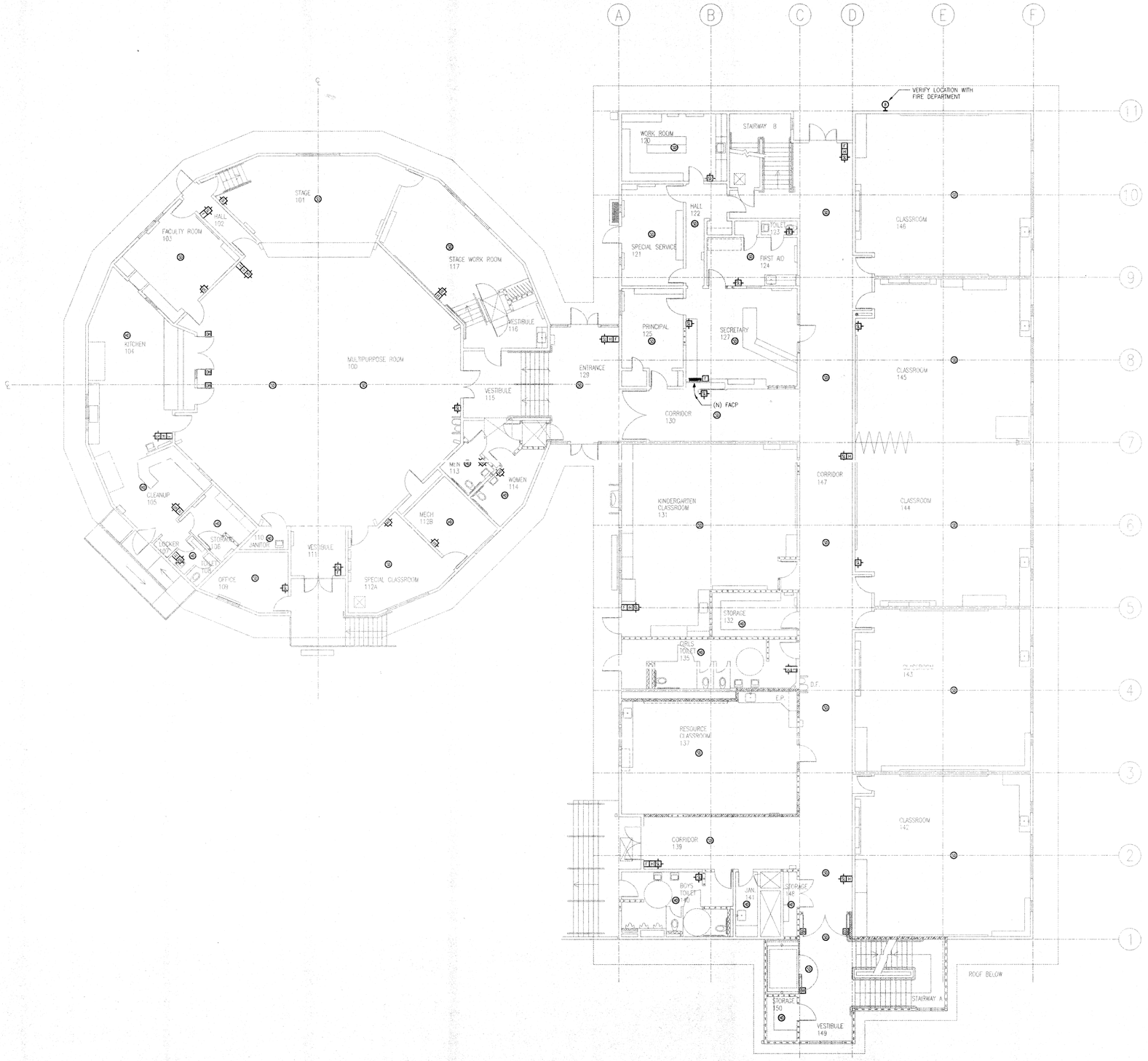
TEL (510) 452-9391
FAX (510) 452-0661

FIRST FLOOR POWER AND SIGNAL PLAN: MULTI-PURPOSE AND CLASSROOM BUILDINGS | 1/8" | 1



NEW FIRE ALARM SYSTEM THROUGHOUT THE BUILDING

1 / E5 **FIRE ALARM PLAN**
SCALE: 1/8" = 1'-0"

REFERENCE NORTH

SCALE: 1/8"=1'-0"
0 2' 4' 6' 10' 15'

VBN ARCHITECTS
501 14TH STREET,
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OAKLAND, CA 94612
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LICENSED ARCHITECT LEE KARNEY C 3158 EXP. 12/31/97 STATE OF CALIFORNIA

ARCHITECT'S STAMP

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BERKELEY UNIFIED SCHOOL DISTRICT

FIRE ALARM PLAN-
FIRST FLOOR

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: RG SCALE: 1/8"
CHECKED BY: RZ

E5

JOB NO: 1870 | SHEET 50 OF 60 SHEETS

ZEIGER ENGINEERS, INC
Electrical Consultants
1301 59TH AVE
OAKLAND, CA 94607
TEL (510) 452-9391
FAX (510) 452-0661

FIRST FLOOR FIRE ALARM PLAN: MULTI-PURPOSE AND CLASSROOM BUILDINGS | 1/8" | 1

SHEET NOTES:

(1) FOR EXISTING CLASSROOMS 216-220 REMOVE FLUORESCENT FIXTURES AND REPLACE WITH NEW FIXTURES OVER EXISTING OUTLETS. RECONNECT ROWS TO (E) SWITCHES

(2) FOR NEW CLASSROOMS 208,209,214 REMOVE FLUORESCENT FIXTURES AND INSTALL NEW FIXTURES OVER NEW OUTLETS. CONNECT ROWS TO (N) SWITCHES

(3) FOR ROOMS 204,205 INSTALL NEW LIGHTS OVER EXISTING OUTLETS. CONNECT ROWS TO (N) SWITCHES

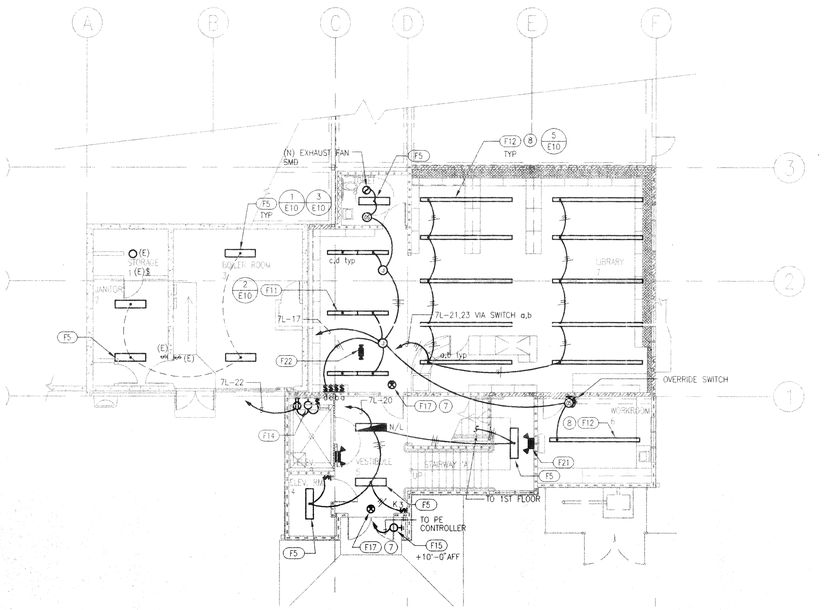
(4) FOR EXISTING CORRIDORS INSTALL NEW LIGHTS OVER NEW OUTLETS

(5) NEW CEILING MOUNTED OCCUPANCY SENSOR WIRED TO POWER PACK/RELAYS. POWER PACK/RELAYS LOCATED ABOVE SUSPENDED CEILINGS. NEW SYSTEM SHALL TURN CLASSROOM LIGHTS AUTOMATICALLY "ON", AND "OFF" AFTER 30 MINUTE TIME DELAY.

(6) NEW INTERCONNECTING WIRING FOR CONTROLLING THREE ROWS OF CLASSROOM FIXTURES. INTERCEPT EXISTING WIRING FOR LIGHT SWITCHES ABOVE CEILING AND RECONNECT TO OCCUPANCY CONTROLS. SWITCHES SHALL BECOME MANUAL OVERRIDE "OFF" CONTROLS. FIELD VERIFY CONDITION OF SWITCH WIRING AT LIGHT FIXTURES PRIOR TO START OF WORK.

(7) (N) PENDANT EXIT SIGN. BOTTOM OF SIGN TO HANG +12" MAX. ABOVE TOP OF DOOR.

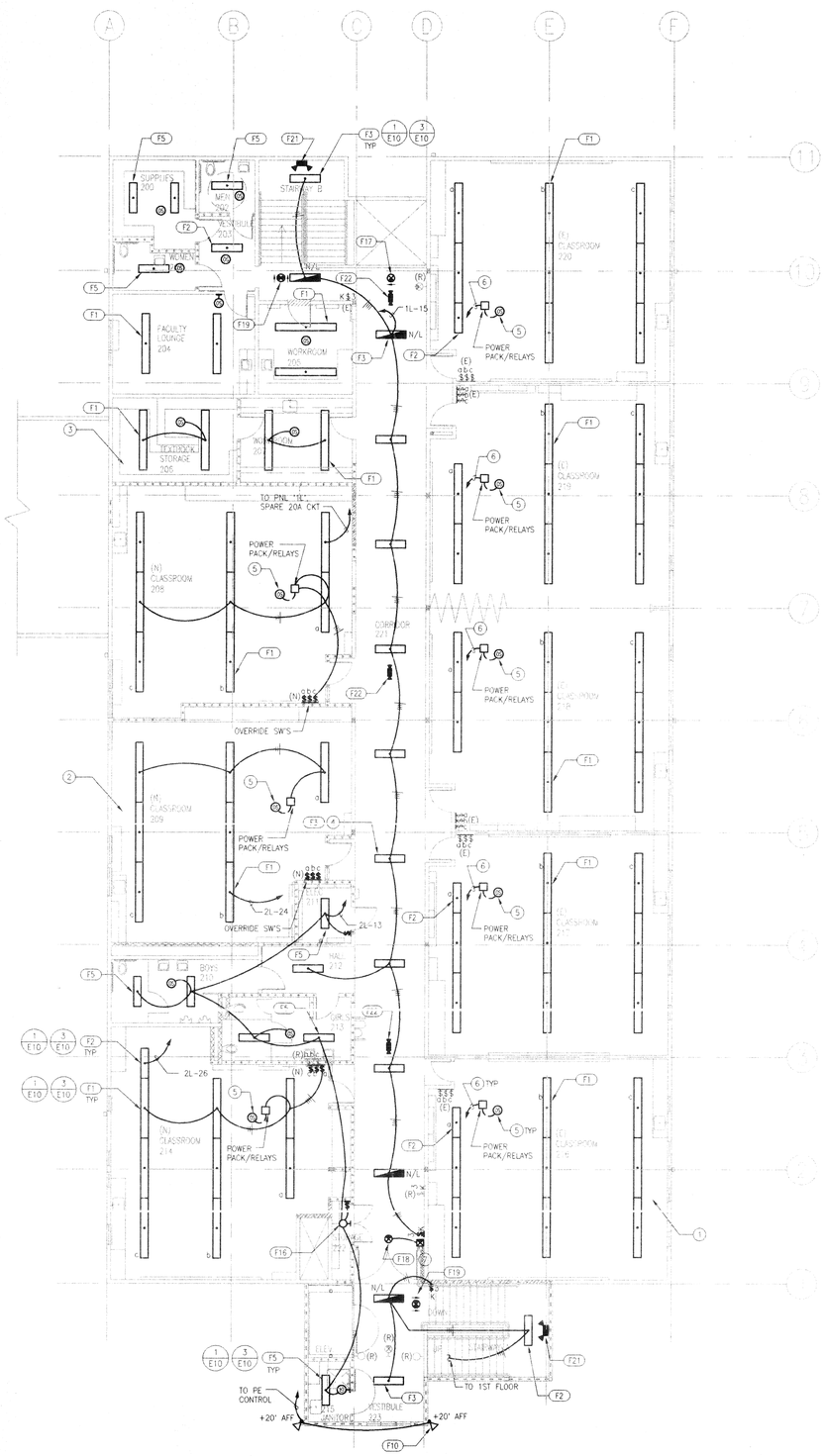
(8) (N) PENDANT F12 LIGHT FIXTURE TO HANG +9'-8 1/2" AFF TO BOTTOM OF FUXTURE



1/E6 LIGHTING PLAN-LOWER LEVEL
SCALE: 1/8" = 1'-0"

REFERENCE NORTH

BASEMENT LIGHTING PLAN – CLASSROOM BUILDING | 1/8" | 2



1/E6 LIGHTING PLAN-SECOND FLOOR
SCALE: 1/8" = 1'-0"

REFERENCE NORTH

SCALE: 1/8"=1'-0"
0 2' 4' 6' 10' 15'

ZEIGER ENGINEERS, INC.
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SECOND FLOOR LIGHTING PLAN – CLASSROOM BUILDING | 1/8" | 1

X1870 01/15/98

VBN ARCHITECTS
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TELEPHONE (510)763-1313
☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 3158 EXP. 12/31/97 STATE OF CALIFORNIA

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Modernization
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BERKELEY UNIFIED SCHOOL DISTRICT

LIGHTING PLANS - SECOND FLOOR & LOWER LEVEL

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: AC SCALE: 1/8"
CHECKED BY: RZ

E6

JOB NO: 1870 | 61 OF 60

SHEET NOTES:

1. ON ROOF, INSTALL (N) FUSED NEMA 3R DISCONNECT SWITCH WITH FUSETRONS PER MANUFACTURER'S REQUIREMENTS. PROVIDE (N) SEALTITE FLEX CONDUIT WITH (N) WIRES TO RECONNECT REMOUNTED CONDENSER, SMD SHEET MP2.4.

2. ON ROOF, INSTALL (N) FUSED NEMA 3R DISCONNECT SWITCH WITH FUSETRONS PER MANUFACTURER'S REQUIREMENTS. PROVIDE (N) SEALTITE FLEX CONDUIT WITH (N) WIRES TO RECONNECT REMOUNTED EXHAUST FAN, SMD SHEET MP2.4.

3. CONNECT NEW 30A RECEPTACLES AT CORRIDOR TO SAME CIRCUITS AS REMOVED RECEPTACLES. VERIFY CIRCUIT NUMBERS.

4. INSTALL TIME SWITCH WATTSTOPPER INTELISWITCH MODEL #TS-200. CONNECT TO EXHAUST FAN ON ROOF.

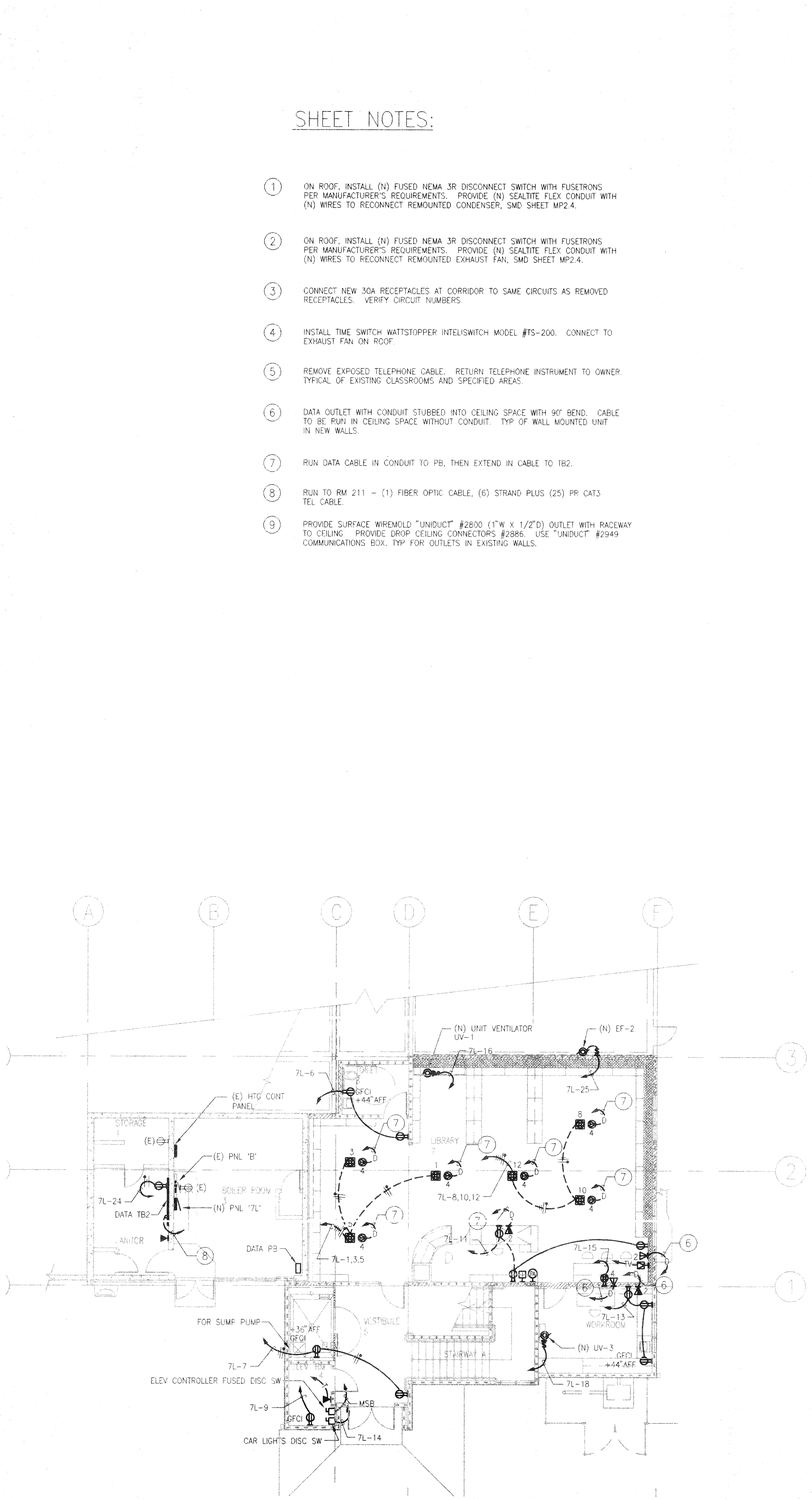
5. REMOVE EXPOSED TELEPHONE CABLE. RETURN TELEPHONE INSTRUMENT TO OWNER. TYPICAL OF EXISTING CLASSROOMS AND SPECIFIED AREAS.

6. DATA OUTLET WITH CONDUIT STUBBED INTO CEILING SPACE WITH 90° BEND. CABLE TO BE RUN IN CEILING SPACE WITHOUT CONDUIT. TYP OF WALL MOUNTED UNIT IN NEW WALLS.

7. RUN DATA CABLE IN CONDUIT TO PB, THEN EXTEND IN CABLE TO TB2.

8. RUN TO RM 211 – (1) FIBER OPTIC CABLE, (6) STRAND PLUS (25) PR CAT.3 TEL CABLE.

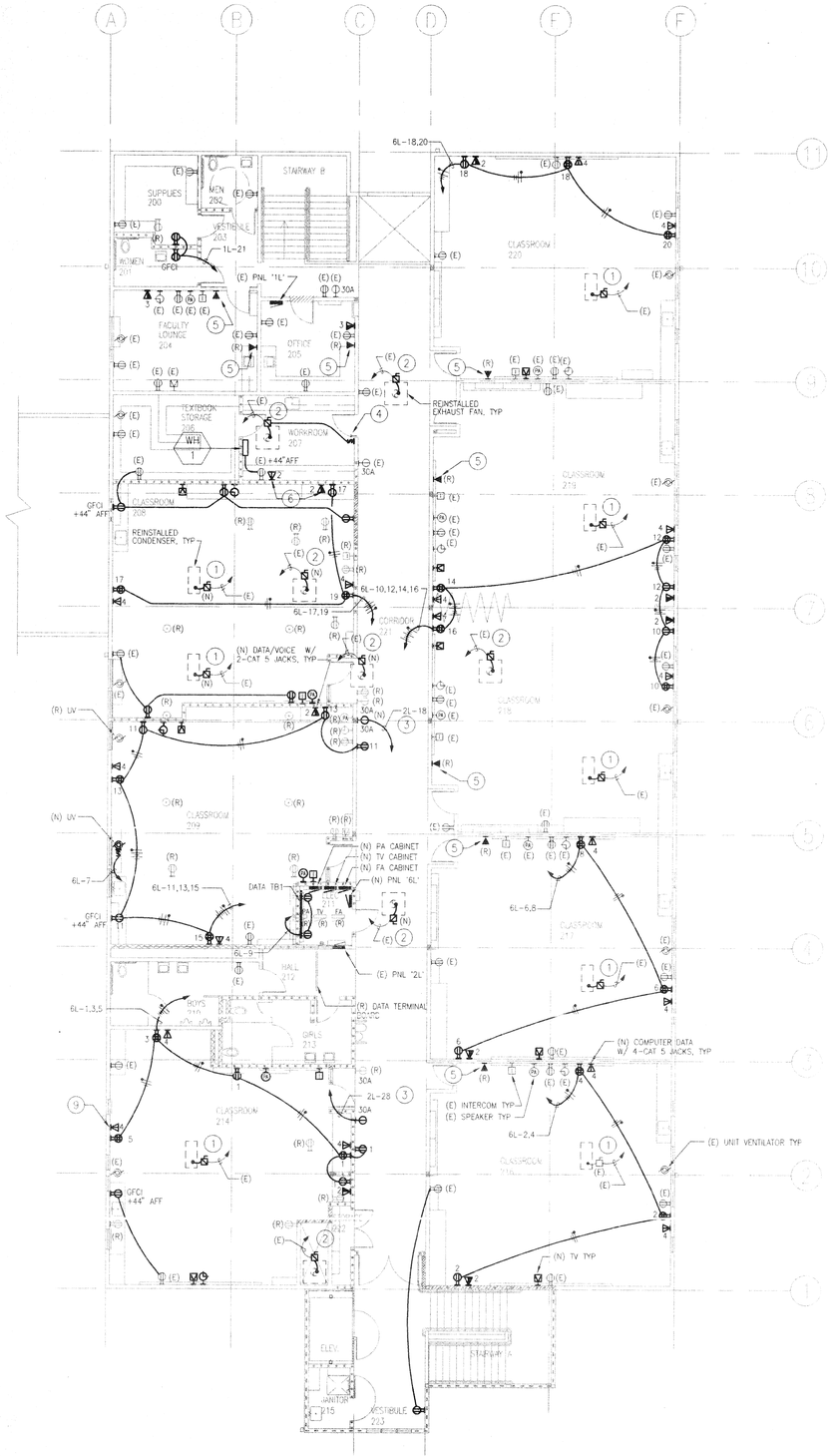
9. PROVIDE SURFACE WIREMOLD "UNIDUCT" #2800 (1"W X 1/2"D) OUTLET WITH RACEWAY TO CEILING. PROVIDE DROP CEILING CONNECTORS #2885. USE "UNIDUCT" #2949 COMMUNICATIONS BOX, TYP FOR OUTLETS IN EXISTING WALLS.



2 / E7 **POWER AND SIGNAL PLAN-LOWER LEVEL**
SCALE: 1/8" = 1'-0"

REFERENCE NORTH

BASEMENT POWER AND SIGNAL PLAN – CLASSROOM BUILDING | 1/8" | 2



1 / E7 **POWER AND SIGNAL PLAN-SECOND FLOOR**
SCALE: 1/8" = 1'-0"

REFERENCE NORTH

SCALE: 1/8"=1'-0"
0 2' 4' 6' 10' 15'

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SECOND FLOOR POWER AND SIGNAL PLAN – CLASSROOM BUILDING | 1/8" | 1

X1870 | 01/15/98

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REGISTERED PROFESSIONAL ENGINEER Donald D Zeiger NO. E7218 EXP. 9/30/98 Electrical STATE OF CALIFORNIA

CONSULTANT'S STAMP

94707

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Modernization
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BERKELEY UNIFIED SCHOOL DISTRICT

POWER AND SIGNAL PLANS – SECOND FLOOR & LOWER LEVEL

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: AG SCALE: 1/8"
CHECKED BY: RZ

E7

JOB NO: 1870 | 52 OF 60

VOLTAGE DROP FOR A GIVEN LENGTH OF CONDUCTOR = $\frac{I \times FEET \times 21.6}{C.M.}$

WHERE:

I = AMPERES PER TERMINAL OF LOAD

FEET = ONE WAY DISTANCE IN FEET MEASURED FROM SOURCE OF SUPPLY TO LOAD

21.6 = CONSTANT (RESISTANCE OF CONDUCTOR @ 10.8 OHMS PER L.M. FOR TWICE THE LENGTH)

C.M. = CROSS SECTIONAL AREA IN CIRCULAR MILS (SEE CHART BELOW)

WIRE SIZE (AWG)	12	14	16	18	20
CIRCULAR MILS (C.M.)	6530	4110	2580	1620	1020

LONGEST AUDIBLE CIRCUIT : CKT 3B

WIRE GUAGE USED : 14 AWG

APPROX. LENGTH OF CONDUCTOR : 100 FEET

TOTAL CURRENT LOAD FOR CKT : 1.925 AMPS

THUS: VOLTAGE DROP = $\frac{1.925 \times 100 \times 21.6}{4110} = \frac{4158}{4110}$ = 1.01 VOLTS

PERCENTAGE OF VOLTAGE DROP = $\frac{1.01}{24 \text{ VOLTS}}$ = 0.04 OR 4%

VOLTAGE DROP CALCULATIONS — NTS — 7

	ITEM NO.	PYROTRONICS CO. MODEL NUMBER	DESCRIPTION	REFERENCE CATALOG NUMBER	CALIFORNIA FIRE MARSHAL LISTING NUMBER
MXL FIRE ALARM CONTROL PANEL	1	MDR-2	ENCLOSURE DOOR	5000	7300-0067:172
	2	MBR-2	ENCLOSURE BACKBOX	5000	7300-0067:172
	3	MHD-1	DEAD FRONT PANEL (MIDDLE)	5000	7300-0067:172
	4	MHD-2	DEAD FRONT PANEL (BOTTOM)	5000	7300-0067:172
	5	MDL-1	CLEAR LENS	5000	7300-0067:172
	6	MMB-1	MXL MAIN CONTROL BOARD	5000	7165-0067:144
	7	MKB-2	DISPLAY / KEYPAD	5000	7165-0067:144
	8	TSP-40	THERMAL STRIP PRINTER	5000	7300-0067:172
	9	MDM-4	NETWORK OPTION MODULE CARDCAGE	5000	7300-0067:172
	10	ALD-21	ANALOG LOOP DRIVER	5000	7300-0067:172
	11	CSM-4	CONTROLLABLE SIGNAL MODULE	5000	7165-0067:144
	12	MPS-6	TRANSFORMER/POWER SUPPLY UNIT	5000	7165-0067:144
AUXILIARY POWER SUPPLY PANEL	13	EB-33	24 MODULE ENCLOSURE BACKBOX	3325	7165-0067:035
	14	ED-33	ENCLOSURE DOOR	3325	7165-0067:035
	15	EK-33	ENCLOSURE RAIL/BRACKET KIT	3325	7165-0067:035
	16	PS-35	24 VDC POWER SUPPLY MODULE	3061	7165-0067:035
	17	BH-35	BATTERY INTERFACE MODULE	---	7300-0067:172
	18	BC-35	BATTERY CHARGER/TRANSFER MODULE	3177	7165-0067:035
	19	MPX-2	TRI / ICP / PL-35 MOUNTING PLATE	---	7165-0067:035
	20	TRI-60R	ADDRESSABLE INTERFACE MODULE WITH RELAY	6159	7300-0067:146
	21	PL-35	POWER LIMITING MODULE	3180	7165-0067:035
	22	ICP	INTELLIGENT CONTROL POINT	5033	7300-0067:152
	23	BK-33	BATTERY BRACKET	3351	7165-0067:144
FIELD DEVICES AND MISCELLANEOUS EQUIPMENT	24	ILP-1	ADDRESSABLE PHOTO DETECTOR	6164	7272-0067:162
	25	DT-135R	THERMAL FIRE DETECTOR	6130	7270-0067:156
	26	MSI-10	ADDRESSABLE MANUAL PULL STATION	6162	7150-0067:036
	27	TRI-60	ADDRESSABLE INTERFACE MODULE, SINGLE INPUT	6159	7300-0067:146
	28	TRI-60R	ADDRESSABLE INTERFACE MODULE WITH RELAY	6159	7300-0067:146
	29	TRI-60D	ADDRESSABLE INTERFACE MODULE, DUAL INPUT	6159	7300-0067:146
	30	FM-998	FIRE DOOR HOLDER, 24 VDC (RIXSON)	---	3550-0047:001
	31	SM2T-75-S	HORN/STROBE	---	7320-0067:187
	32	S-15-S	STROBE	-	7125-0067:177

EQUIPMENT LIST — NTS — 6

	DESCRIPTION	QTY	MODULE CURRENT	EOL CURRENT	DEVICE CURRENT	TOTAL ROW CURRENT
SUPV CURRENT	MKB-2 KEYBOARD/ANNUNCIATOR	1	.005 X 1			.005 AMPS
	MMB-1 MAIN CONTROL BOARD	1	.175 X 1			.175 AMPS
	ALD LOOPS 1 & 2	2			.030 X 2	.060 AMPS
	IAC INDICATION CKT A1 & A2	2		.012 X 2		.024 AMPS
	TSP - 40 THERMAL STRIP PRINTER	1	.070 X 1			.070 AMPS
	ALD-21 ANALOG LOOP DRIVER	1	.070 X 1			.070 AMPS
	ALD LOOPS 3 & 4	2			.030 X 2	.060 AMPS
	CSM-4 CONTROLLABLE SIGNAL MODULE	2	.010 X 2			.02 AMPS
	IAC INDICATING CKT A3 &A4	2		.012 X 2		.024 AMPS
	LEASED LINE CIRCUITS	2		.012 X 2		.024 AMPS
					TOTAL SUPERVISORY CURRENT	.532 AMPS

	CKT	DEVICE DESCRIPTION	QTY	CURRENT DRAW	CURRENT TOTAL	TOTAL CKT CURRENT LOAD
ALARM CURRENT	A1	MTS-15/75 MULTITONE STROBE	6	.175 AMPS	1.05 AMPS	1.05 AMPS
				--- AMPS	--- AMPS	
	A2	MTS-15/75 MULTITONE STROBE	26	.175 AMPS	4.55 AMPS	4.55 AMPS
				--- AMPS	--- AMPS	
	A3	MTS-15/75 MULTITONE STROBE	11	.175 AMPS	1.925 AMPS	1.925 AMPS
				--- AMPS	--- AMPS	
					TOTAL ALARM CURRENT	7.525 AMPS

SUMMARY

A = TOTAL SUPERVISORY CURRENT X SUPERVISORY TIME REQUIRED
= .532 AMPS X 24 HOURS
= 12.77 AMP/HOUR

B = TOTAL ALARM CURRENT X ALARM TIME REQUIRED
= 7.525 AMPS X .083 HOURS
= .625 AMP/HOUR

C = A + B
= 12.77 AMP/HOUR + .625 AMP/HOUR
= 13.395 AMP/HOUR

SUPERVISORY TIME REQUIRED.....24 HOURS
ALARM TIME REQUIRED.....5 MINUTES OR .083 HOUR

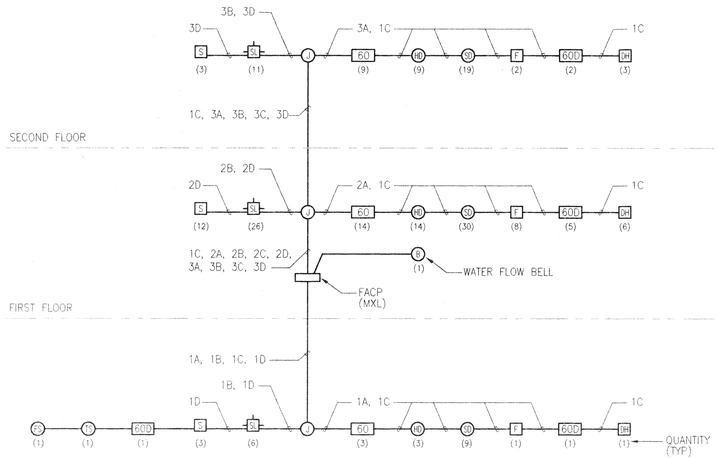
BATTERY PROVIDED..... CFM12V25
BATTERY SIZE..... 25 AMP/HOUR
TOTAL SYSTEM CURRENT REQ'D..... 13.395 AMP/HOUR

BATTERY RESERVE AFTER 24 HOURS SUPERVISORY & 5 MINUTES ALARM..... 11.605 AMP/HOUR

BATTERY CALCULATIONS — NTS — 5

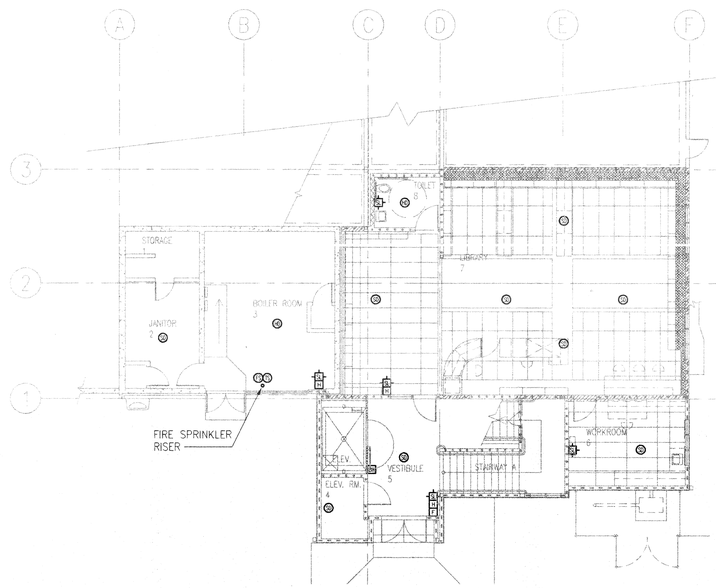
SYMBOL	WIRE TYPE	USED ON
1A	2-CONDUCTOR, #18 AWG SOLID TWISTED SHIELDED JACKETED CABLE	ADDRESSABLE ALARM INITIATING DEVICES
1B	2-CONDUCTOR, #14 AWG SOLID	FIRE SYSTEM VISUAL DEVICES
1C	2-CONDUCTOR, #12 AWG SOLID TWISTED	24 VDC POWER
1D	2-CONDUCTOR, #14 AWG SOLID	HORN
	2-CONDUCTOR, #12 AWG SOLID THHN (GROUNDED WIRE)	120 VAC POWER WIRING

FIRE ALARM WIRING LEGEND — NTS — 4



MFGR'S NO. REFER TO PYROTRONICS CO.

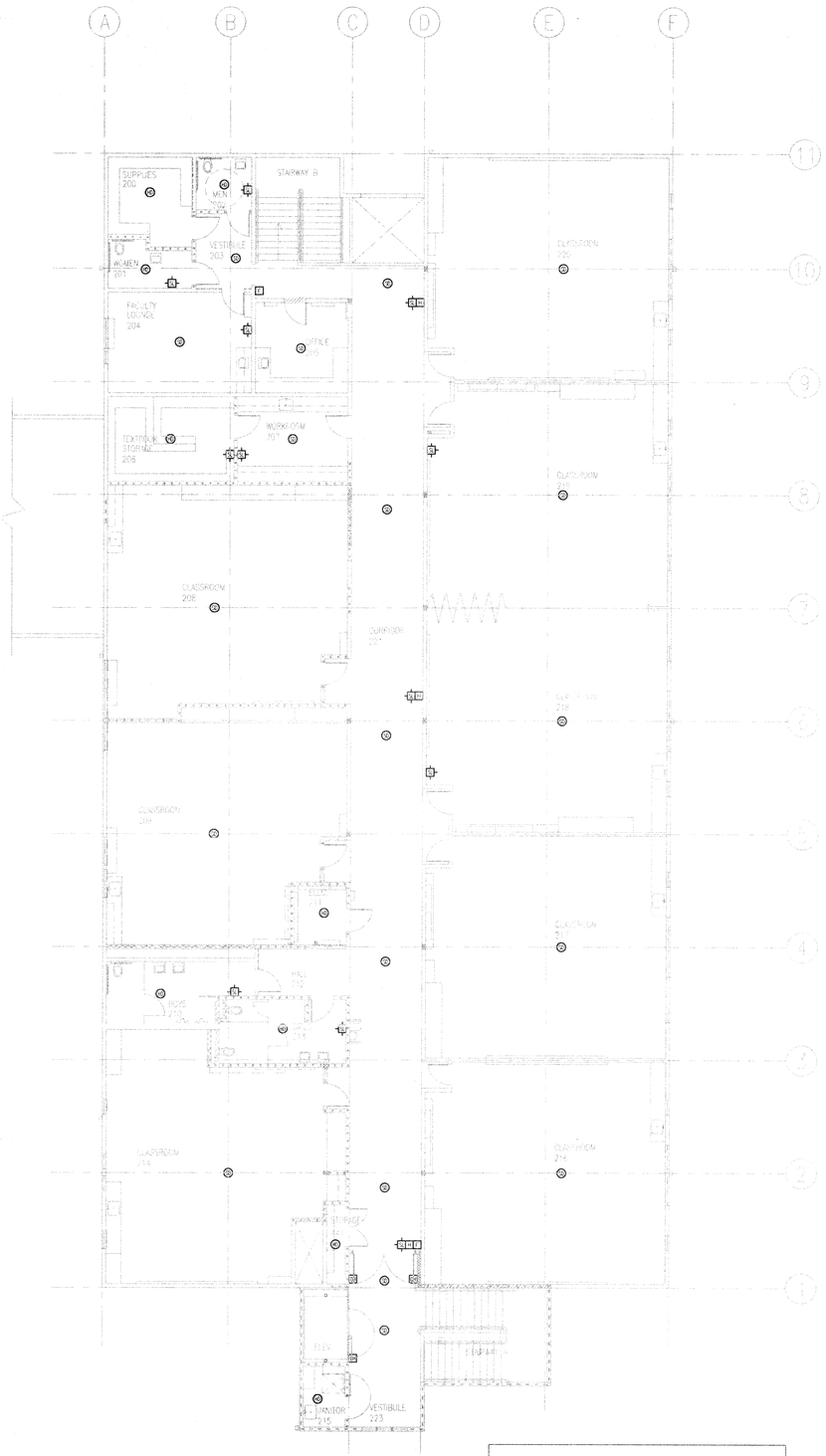
FIRE ALARM RISER DIAGRAM — NTS — 3



2 / E8 FIRE ALARM PLAN-LOWER LEVEL
SCALE: 1/8" = 1'-0"

REFERENCE NORTH

BASEMENT FIRE ALARM PLAN – CLASSROOM BUILDING — 1/8" — 2



NEW FIRE ALARM SYSTEM THROUGHOUT THE BUILDING

1 / E8 FIRE ALARM PLAN-SECOND FLOOR
SCALE: 1/8" = 1'-0"

SCALE: 1/8"=1'-0"
0 2' 4' 6' 10' 15'

REFERENCE NORTH

SECOND FLOOR FIRE ALARM PLAN – CLASSROOM BUILDING — 1/8" — 1

VBN ARCHITECTS
501 14TH STREET,
SUITE 300
OAKLAND, CA 94612
TELEPHONE (510)763-1313
☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 3158 EXP. 12/31/97 STATE OF CALIFORNIA

ARCHITECT'S STAMP

REGISTERED PROFESSIONAL ENGINEER Donald D. Zeiger No. E7218 Exp. 9/30/98 Electrical STATE OF CALIFORNIA

CONSULTANT'S STAMP

94707

Oxford Elementary School Modernization

1130 Oxford Street • Berkeley, CA

BERKELEY UNIFIED SCHOOL DISTRICT

FIRE ALARM PLANS SECOND FLOOR & LOWER LEVEL, WIRING LEGEND & CALCULATIONS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: AG SCALE: 1/8"
CHECKED BY: RZ

E8

JOB NO: 1870 53 OF 60 SHEETS

ZEIGER ENGINEERS, INC.
Electrical Consultants
330 2ND ST. 2ND FL.
OAKLAND, CA 94607
TEL (510) 452-9191
FAX (510) 452-0661

X1870 01/15/98

(E) PANEL - B

VOLTAGE: 120/208
3 PHASE, 4 WIRES
LOCATION: BOILER ROOM
PANEL TYPE: BOLT ON

MAIN BR: M.L.O. YES
BUS RATING: 225A
KAIC RATING: 10K

LOAD	W	C B/P	CCT NO	VOLTS-AMPS øA	øB	øC	CCT NO	C B/P	W	LOAD
INCINERATOR		20/1	1				2	20/1		BLDG CIRC PUMP
KITCHEN CIRC PUMP		20/1	3				4	20/1		AIR COMPRESSOR
SPARE		20/1	5				6	20/1		HTG CONTROL PANEL
BOILER		15/3	7				8	15/3		CP-1 CIRC PUMP
			9				10			
			11				12			
CP-2 CIRC PUMP		30/3	13				14	15/3		SPARE
			15				16			
			17				18			
SPACE			19				20	20/1		SPACE
			21				22	20/1		
			23				24	20/1		
BOILER ROOM RECEPT		20/1	25				26	20/1		
WATER HEATER		20/1	27				28	20/1		
SPACE		20/1	29				30	20/1		

TOTAL CONNECTED LOAD: X
LONG TIME CONTINUOUS LOAD: X 0.25 = X
CALCULATED FEEDER LOAD: X

(E) PANEL - KP

VOLTAGE: 120/208
3 PHASE, 4 WIRES
LOCATION: KITCHEN (M/P)
PANEL TYPE: B-O

MAIN BRKR: M.L.O. YES
BUS RATING: 225A
KAIC RATING: 10K

LOAD	W	C B/P	CCT NO	VOLTS-AMPS øA	øB	øC	CCT NO	C B/P	W	LOAD
FOOD WARMERS		20/1	1	400			2	20/1		RECEPT AT RM 112A
FOOD WARMERS		20/1	3		400		4	20/1		RECEPT AT RM 109,112A
RECEPT AT RM 100		20/1	5			400	6	20/1		RECEPT AT RM 100,03,04
RECEPT FOR TTB		20/1	7	500		1200	8	20/1		SPARE
SPACE			9	–		–	10	20/1		SPARE
RECEPT AT RM 100,117		20/1	11			400	12	15		HOOD EF
		20/1	13	400			14			
		20/1	15		400		16	3		
DISPOSAL		15/1	17				18	15		KILN
			19				20			
		3	21				22	3		
5KW WATER HEATER		20	23				24	50		OVEN
			25				26			
			27				28	3		
STEAMER		40/3	29				30	50		OVEN
			31				32			
			33				34	3		
RANGE		50/3	35			500	36	20/1		UNIT VENTILATOR AT RM 114
			37				38	3		SPARE
			39				40			
SPACE			41				42			SPACE

TOTAL CONNECTED LOAD: X
LONG TIME CONTINUOUS LOAD: X 0.25 = X
CALCULATED FEEDER LOAD: X

(E) PANEL - 2L

VOLTAGE: 120/208
3 PHASE, 4 WIRES
LOCATION: 2ND FLOOR, RM 211
PANEL TYPE: B-O

MAIN BRKR: M.L.O. YES
BUS RATING: 225A
KAIC RATING: 10

LOAD	W	C B/P	CCT NO	VOLTS-AMPS øA	øB	øC	CCT NO	C B/P	W	LOAD
LTS-ROOM 218		20/1	1				2	20/1		LTS-ROOM 217
		20/1	3				4	20/1		
		20/1	5				6	20/1		
LTS-ROOM 216		20/1	7				8	20/1		LTS-ROOM 214
		20/1	9				10	20/1		
		20/1	11				12	20/1		
LTS-ROOMS 210-212		20/1	13	320			14	20/1		PLUGS-ROOM 217
PLUGS ROOM 218		20/1	15				16	20/1		PLUGS-ROOM 216
PLUGS ROOMS 209-214		20/1	17				18	20/1		PLUGS CORRIDOR, RM 24
PLUGS 27, BOYS		20/1	19				20	20/1		HTG MOTOR, RM 24
HTG MOTOR 216, 217		20/1	21				22	20/1		HTG MOTOR, RM 214
HALL FAN		20	23			896	24	20/1		LTS-ROOM 209
			25	1088			26	20/1		LTS-ROOM 214
		3	27				28	20/1		PLUG CORRIDOR, RM 221
TOILET FAN		20	29				30	50		KILN
			31				32			
		3	33				34	3		
HALLWAY FAN		20	35				36	20		(E) LOAD
			37				38			
		3	39				40	3		
RECEPTACLE (N)		20/1	41				42	15		(E) LOAD

TOTAL CONNECTED LOAD: X
LONG TIME CONTINUOUS LOAD: X 0.25 = X
CALCULATED FEEDER LOAD: X

(N) PANEL - 3L

VOLTAGE: 120/208
3 PHASE, 4 WIRES
LOCATION: STORAGE, RM 132
PANEL TYPE:

MAIN BRKR: M.L.O. YES
BUS RATING: 225A
KAIC RATING: 10

LOAD	W	C B/P	CCT NO	VOLTS-AMPS øA	øB	øC	CCT NO	C B/P	W	LOAD
LTS-ROOM 6		20/1	1				2	20/1		LTS-ROOM 8
		20/1	3				4	20/1		
		20/1	5				6	20/1		
LTS-ROOM 10		20/1	7				8	20/1		LTS-ROOM 7
		20/1	9				10	20/1		
		20/1	11				12	20/1		
LTS-ROOMS 137,138,140,141		20/1	13				14	20/1		LTS-RMS 1-3, CRAWL SP
LTS-ROOMS 132-136		20/1	15				16	20/1		PLUGS-ROOM 6
PLUGS-ROOM 8		20/1	17				18	20/1		PLUGS-RMS 138-141,CORR
PLUGS-ROOM 10		20/1	19				20	20/1		PLUGS-ROOM 7
PLUGS-ROOM 7 & CORRIDOR		20/1	21				22	20/1		OUTSIDE CLOCK, PLUGS 132,135,136
PLUGS-STAIRA,1,2,3,CRAWL SP		20/1	23				24	20/1		HTG MOTOR ROOM 7
HTG MOTORS ROOMS 6-8		20/1	25				26	20/1		HTG MOTOR ROOM 10
LTS-ROOM 137		20/1	27		768		28	20/1		RECEPTACLES (N)
LTS-ROOM 131		20/1	29			1344	30	20/1		RECEPTACLES (N)
CORRIDOR PLUG 139-147		30/3	31				32	30		(E) LOAD
SPARE		20/1	33				34	2		
		20/1	35				36			LTS-RM 132,135,140,141,150
(E) LOAD		20	37		576		38			SPACE
			39				40			
		3	41				42			

TOTAL CONNECTED LOAD: X
LONG TIME CONTINUOUS LOAD: X 0.25 = X
CALCULATED FEEDER LOAD: X

(E) PANEL - 4L

VOLTAGE: 120/108
3 PHASE, 4 WIRES
LOCATION: WORK RM 120
PANEL TYPE: B-O

MAIN BRKR: M.L.O. YES
BUS RATING: 225A
KAIC RATING: 10

LOAD	W	C B/P	CCT NO	VOLTS-AMPS øA	øB	øC	CCT NO	C B/P	W	LOAD
LTS-ROOM 2		20/1	1				2	20/1		LTS-ROOM 4
		20/1	3				4	20/1		
		20/1	5				6	20/1		
LTS-SECTY OFC		20/1	7				8	20/1		LTS-RMS 3,5,124,HALL
LTS-PRIN OFC		20/1	9				10	20/1		LTS-SUPPLY
LTS-OUTSIDE M/P		20/1	11				12	20/1		LTS-CORRID,130,139,147
LTS-OUTSIDE CLASSRM		20/1	13				14	20/1		LTS-OUTSIDE STD
PLUG-ROOM 2		20/1	15				16	20/1		PLUGS-OFC
PLUG-ROOM 14		20/1	17				18	20/1		PLUGS-PRINT,125,129
PLUG-NURSE SEC CORRID		20/1	19				20	20/1		PLUGS-RMS 3-5
PLUG-SUPPLY ROOM		20/1	21				22	20/1		PLUGS-SUPPLY WORK ROOM
HTG MOTOR-SUPPLY WORK		20/1	23				24	20/1		(E) LOAD
HTG MOTOR 4-2		20/1	25				26	20/1		NITE LTS OUTSIDE
PLUG-SUPPLY ROOM		20/1	27				28	20/1		SPARE
HTR 12/A/B, 125		20/1	29				30	30/3		PLUG-CORRIDOR
CUSTOD LTS-HORN		20/1	31				32	2		
(E) LOAD		30/3	33				34	20/1		SPARE
		2	35				36	2		
			37				38			
			39				40			
			41				42			

TOTAL CONNECTED LOAD: X
LONG TIME CONTINUOUS LOAD: X 0.25 = X
CALCULATED FEEDER LOAD: X

(E) PANEL - AC

VOLTAGE: 120/208
3 PHASE, 4 WIRES
LOCATION: WORK RM 120
PANEL TYPE: B-O

MAIN BRKR: M.L.O. YES
BUS RATING: 225A
KAIC RATING: 10

LOAD	W	C B/P	CCT NO	VOLTS-AMPS øA	øB	øC	CCT NO	C B/P	W	LOAD
ROOF AC UNIT		30/3	1				2	30/3		ROOF AC UNIT
			3				4			
			5				6			
ROOF AC UNIT		30/3	7				8	30/3		ROOF AC UNIT
			9				10			
			11				12			
ROOF AC UNIT		30/3	13				14	30/3		ROOF AC UNIT
			15				16			
			17				18			
		30/3	19				20	30/3		
SPACE			21				22			SPACE
			23				24			
			25				26			
			27				28			
			29				30			
			31				32			
			33				34			
			35				36			
			37				38			
			39				40			
			41				42			

TOTAL CONNECTED LOAD: X
LONG TIME CONTINUOUS LOAD: X 0.25 = X
CALCULATED FEEDER LOAD: X

(E) PANEL - 1L

VOLTAGE: 120/208
3 PHASE, 4 WIRES
LOCATION: WORK ROOM 205
PANEL TYPE:

MAIN BRKR: M.L.O. X
BUS RATING: 225A
KAIC RATING: 10

LOAD	W	C B/P	CCT NO	VOLTS-AMPS øA	øB	øC	CCT NO	C B/P	W	LOAD
LOAD		20/1	1				2	20/1		LOAD
LOAD		20/1	3				4	20/1		LOAD
LOAD		20/1	5				6	20/1		LOAD
LOAD		20/1	7				8	20/1		LOAD
LOAD		20/1	9				10	20/1		LOAD
LOAD		20/1	11				12	20/1		LOAD
LOAD		20/1	13				14	20/1		LOAD
CORRIDOR LIGHTS		20/1	15		1400		16	20/1		LOAD
LUNCH ROOM		20/1	17				18	20/1		LOAD
RECEPT AT RM 200,201		20/1	19				20	20/1		LOAD
LOAD		20/1	21		400		22	20/1		LOAD
SPARE		20/1	23				24	20/1		LOAD
HEATER-FAN		20/1	25				26	20/1		HEATER-FAN
LOAD		20/1	27				28	20/1		HEATER-FAN
LOAD		20/1	29				30	20/1		LOAD
LOAD		20/1	31				32	20/1		LOAD
LOAD		20/1	33				34	30/3		LOAD
LOAD		30/3	35				36	2		LOAD
LOAD			37				38	20/1		LOAD
SPACE			39				40			SPACE
SPACE			41				42			SPACE

TOTAL CONNECTED LOAD: X
LONG TIME CONTINUOUS LOAD: X 0.25 = X
CALCULATED FEEDER LOAD: X

(E) PANEL - 5L

VOLTAGE:
3 PHASE, 4 WIRES
LOCATION: STAGE, RM 101
PANEL TYPE:

MAIN BRKR: M.L.O.
BUS RATING:
KAIC RATING:

LOAD	W	C B/P	CCT NO	VOLTS-AMPS øA	øB	øC	CCT NO	C B/P	W	LOAD
(E)		20/1	1				2	20/1		(E)
		20/1	3				4	20/1		
		20/1	5				6	20/1		
		20/1	7				8	20/1		
		20/1	9				10	20/1		
		20/1	11				12	20/1		
		20/1	13				14	20/1		
		20/1	15				16	20/1		
		20/1	17				18	20/1		
		20/1	19				20	20/1		
		20/1	21				22	20/1		
		20/1	23				24	20/1		
		20/1	25				26	20/1		
		20/1	27				28	20/1		
		20/1	29				30	20/1		
		20/1	31				32	20/1		
		20/1	33				34	20/1		
		20/1	35				36	20/1		
		20/1	37				38	20/1		
		20/1	39				40	20/1		
		20/1	41				42	20/1		

TOTAL CONNECTED LOAD: X
LONG TIME CONTINUOUS LOAD: X 0.25 = X
CALCULATED FEEDER LOAD: X

(N) PANEL - 7L

VOLTAGE:
3 PHASE, 4 WIRES
LOCATION: BOILER RM 3
PANEL TYPE:

MAIN BRKR: M.L.O. YES
BUS RATING: 225A
KAIC RATING: 10

LOAD	W	C B/P	CCT NO	VOLTS-AMPS øA	øB	øC	CCT NO	C B/P	W	LOAD
FLOOR RECEPT AT RM 7		20/1	1	400			2	20/1		LIGHTING
		20/1	3		400		4	20/1		LIGHTING
		20/1	5			400	6	20/1		RECEPT AT RM 8
SUMP PUMP		20/1	7	600		400	8	20/1		FLOOR RECEPT AT RM 7
RECEPT AT ELEV RM		20/1	9		200		10	20/1		
RECEPT AT RM 7		20/1	11			800	12	20/1		
RECEPT AT RM 6		20/1	13	600		200	14	15/3		CAB LIGHTS
RECEPT AT RM 7		20/1	15		400		16			UNIT VENTILATOR AT RM 7
LIGHTS AT RM 7		20/1	17			1264	18	20/1		UNIT VENTILATOR AT RM 6
SPARE		20/1	19	–		500	20	20/1		LIGHTS AT RM 4,5
LIGHTS AT RM 7		20/1	21	640	1200		22	20/1		LTG/REC AT ELEV. RM
LIGHTS AT RM 7		20/1	23		200	1200	24	20/1		JANITOR RECEPT
EF-2		20/1	25	700		200	26	20/1		SPARE
SPARE		20/1	27	–	–		28	20/1		
		20/1	29		–	–	30	20/1		
		20/1	31	–		–	32	20/1		
SPACE		20/1	33	–			34	20/1		SPACE
		20/1	35				36	20/1		
		20/1	37				38	20/1		
		20/1	39				40	20/1		
		20/1	41				42	20/1		
				3540	3300	5164				

TOTAL CONNECTED LOAD: 12004
LONG TIME CONTINUOUS LOAD: 5204 X 0.25 = 1301
CALCULATED FEEDER LOAD: 13305

• GFI CB

(N) PANEL - 3LA

VOLTAGE:
3 PHASE, 4 WIRES
LOCATION: STORAGE RM 132
PANEL TYPE:

MAIN BRKR: M.L.O.
BUS RATING: 225a
KAIC RATING: 10

LOAD	W	C B/P	CCT NO	VOLTS-AMPS øA	øB	øC	CCT NO	C B/P	W	LOAD
FLOOR RECEPT AT RM 137		20/1	1	400			2	20/1		RECEPT AT RM 137
		20/1	3		400		4	20/1		
		20/1	5			400	6	20/1		
UNIT VENTILATOR AT RM 137		20/1	7	500		400	8	20/1		
RECEPT AT RM 142		20/1	9		600		10	20/1		RECEPT AT RM 144,145
		20/1	11			400	12	20/1		
RECEPT AT RM 143		20/1	13	600			14	20/1		
		20/1	15		400		16	20/1		FLOOR RECEPT AT RM 144,145
RECEPT AT RM 146		20/1	17			600	18	20/1		
		20/1	19	400			20	20/1		SPARE
SPARE		20/1	21		800		22	20/1		RECEPT AT RM 146,145
		20/1	23			400	24	20/1		RECEPT AT RM 131,127
RECEPT AT RM 131		20/1	25	–			26	20/1		
		20/1	27	400	400		28	20/1		
RECEPT AT RM 120,121		20/1	29			400	30	20/1		RECEPT AT RM 124,125
		20/1	31	400			32	20/1		SPARE
		20/1	33		400		34	20/1		
SPARE		20/1	35		–	–	36	20/1		
		20/1	37	–			38	20/1		
		20/1	39		–		40	20/1		
		20/1	41			–	42	20/1		
				4900	4600	3800				

TOTAL CONNECTED LOAD: 13300
LONG TIME CONTINUOUS LOAD: 500 X 0.25 = 125
CALCULATED FEEDER LOAD: 13425

(N) PANEL - 6L

VOLTAGE:
3 PHASE, 4 WIRES
LOCATION: ELEC RM 211
PANEL TYPE:

MAIN BRKR: M.L.O.
BUS RATING: 100A
KAIC RATING: 10

LOAD	W	C B/P	CCT NO	VOLTS-AMPS øA	øB	øC	CCT NO	C B/P	W	LOAD
RECEPT AT RM 214		20/1	1	600			2	20/1		RECEPT AT RM 216
		20/1	3		600		4	20/1		
		20/1	5			400	6	20/1		RECEPT AT RM 217
UNIT VENTILATOR AT RM 209		20/1	7	500		600	8	20/1		
RECEPT FOR TTB		20/1	9	400	400		10	20/1		RECEPT AT RM 218,219
RECEPT AT RM 209		20/1	11		600		12	20/1		
		20/1	13	600			14	20/1		
		20/1	15	400			16	20/1		
RECEPT AT RM 208		20/1	17			400	18	20/1		RECEPT AT RM 220
		20/1	19	400		600	20	20/1		
SPARE		20/1	21	400			22	20/1		SPARE
		20/1	23	–		–	24	20/1		
		20/1	25	–			26	20/1		
		20/1	27		–	–	28	20/1		
		20/1	29	–			30	20/1		
		20/1	31	–	–		32	20/1		
		20/1	33		–	–	34	20/1		
		20/1	35	–			36	20/1		
		20/1	37	–	–		38	20/1		
		20/1	39		–		40	20/1		
		20/1	41	–		–	42	20/1		
				3700	2800	3200				

TOTAL CONNECTED LOAD: 9700
LONG TIME CONTINUOUS LOAD: 500 X 0.25 = 125
CALCULATED FEEDER LOAD: 9825

GROUND BUS
ISOLATED GROUND BUS

BCAE
A
WF
2/24/1998

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330 2ND ST. 2ND FL.
OAKLAND, CA 94607
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☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT
LEE KARNEY
C 3158
EXP. 12/31/99
STATE OF CALIFORNIA

ARCHITECT'S STAMP

REGISTERED PROFESSIONAL ENGINEER
Richard D. Zeiger
NO. E7215
EXP. 9/30/98
Electrical
STATE OF CALIFORNIA

CONSULTANT'S STAMP

94707

Oxford Elementary School Modernization

1130 Oxford Street • Berkeley, CA

BERKELEY UNIFIED SCHOOL DISTRICT

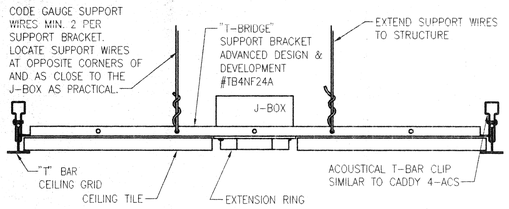
PANEL SCHEDULES

DATE	ISSUE	REV.
2/23/98	BID SET	

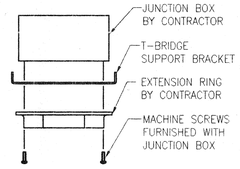
DRAWN BY: AC SCALE: NONE
CHECKED BY: RZ

E9

JOB NO: 1870 54 OF 60 SHEETS



ELEVATION

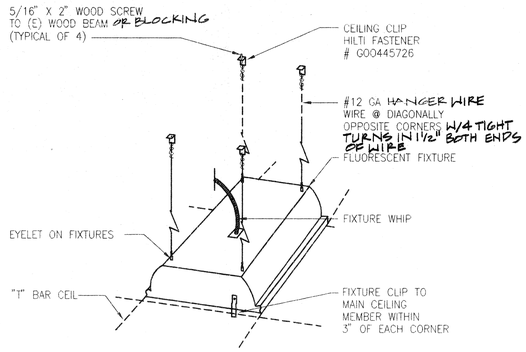


DETAIL "A"

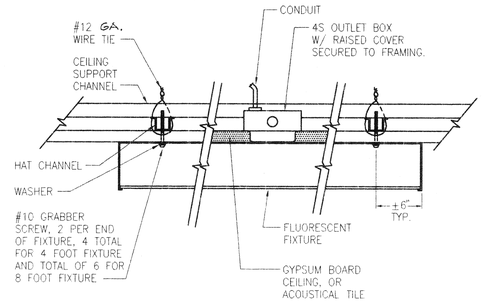
NOTE:

THIS MOUNTING METHOD SHALL BE USED FOR ALL FIXTURES SURFACE MOUNTED TO A T-BAR GRID. IT IS AVAILABLE FROM THE CHARLES BLAKELY CO. (408) 298-7778.

1 / E10 'T' BAR DEVICE MOUNTING DETAIL
NTS



2 / E10 'T' BAR CEILING FLUORESCENT FIXTURE DETAIL
NTS



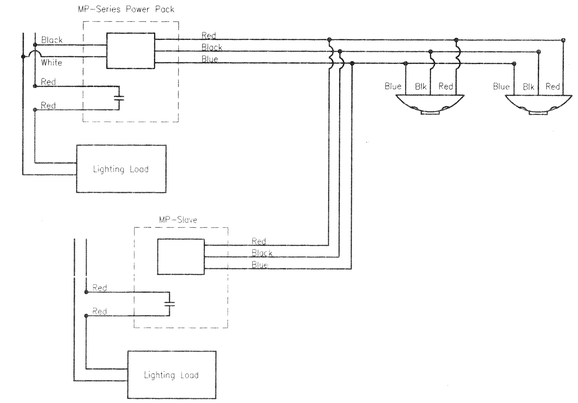
3 / E10 SURFACE MOUNTED FIXTURE SUPPORT DETAIL
NTS MAXIMUM WT: 50# - 4' FIXT. 100# - 8' FIXT.

FEED DETAIL

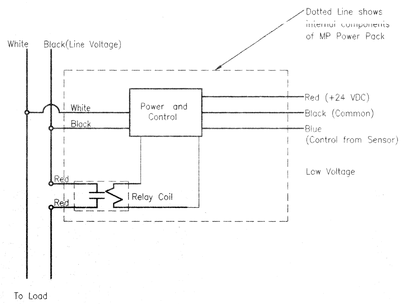
SUPPORT ONLY DETAIL

4 / E10 PENDANT MOUNTED FLUORESCENT FIXTURE SUPPORT/FEED DETAIL
NTS

5 / E10 PENDANT MOUNTED FLUORESCENT FIXTURE SUPPORT/FEED DETAIL
NTS MAXIMUM WT: 80#-8' FIXT.

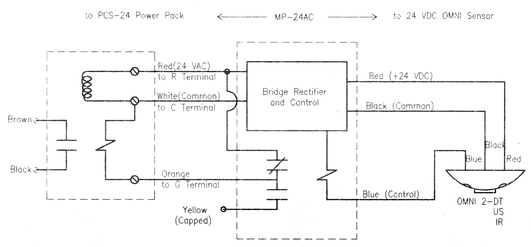


6 / E10 OMNI 2 Using One MP-Series Power Pack and One Slave Relay
NTS



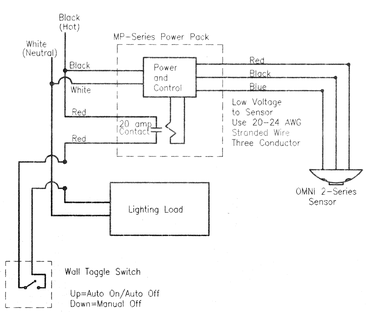
7 / E10 MP Series Power Pack Wiring
NTS

(MODEL NUMBERS REFER TO MYTECH CORP. PRODUCTS)

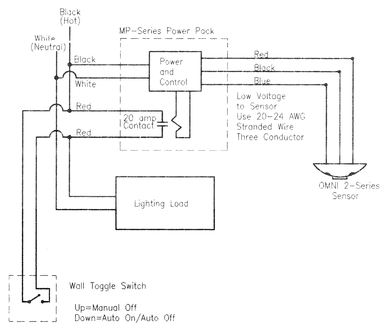


Conditions: OMNI 2 Dead = Lights Off
MP-24AC Dead = Indeterminate (Depends on what fails)
PCS-24 Dead = Lights On

8 / E10 MP-24AC Wiring Diagram (Converts PCS-24 Power Pack for Operation with OMNI 2 Sensors)
NTS



9 / E10 Normal Wiring, OMNI2-Series
NTS



10 / E10 Manual Override Wiring (OMNI-2 Series)
NTS

$0142
A WF
2/20/1998

ZEIGER ENGINEERS, INC.
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330 2ND ST. 2ND FL
OAKLAND, CA 94607
TEL (510) 452-9391
FAX (510) 452-0661

VBN ARCHITECTS
501 14TH STREET,
SUITE 300
OAKLAND, CA 94612
TELEPHONE (510)763-1313
☐ IL KWON CHA AIA
■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 3158 EXP. 12/31/97 STATE OF CALIFORNIA

ARCHITECT'S STAMP

REGISTERED PROFESSIONAL ENGINEER Richard D. Zeiger NO. E7218 EXP. 9/30/98 ELECTRICAL STATE OF CALIFORNIA

CONSULTANT'S STAMP

94707

Oxford Elementary School Modernization

1130 Oxford Stree, • Berkeley, CA

BERKELEY UNIFIED SCHOOL DISTRICT

DETAILS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: AG SCALE: NONE
CHECKED BY: RZ

E10

JOB NO: 1870 | 55 OF 60 SHEETS

CERTIFICATE OF COMPLIANCE - Lighting — Part 1 of 2 — LTG-1

PROJECT NAME: OXFORD ELEMENTARY SCHOOL		DATE: 11-17-97
PROJECT ADDRESS: 1130 OXFORD STREET, BERKELEY, CA 94707		Building Permit #
PRINCIPAL DESIGNER - LIGHTING: ZEIGER ENGINEERS, INC.	TELEPHONE: (510) 452-9391	Checked By/Date
DOCUMENTATION AUTHOR: ZEIGER ENGINEERS, INC.	TELEPHONE: (510) 452-9391	Enforcement Agency Use

GENERAL INFORMATION

DATE OF PLANS	BUILDING CONDITIONED FLOOR AREA: 30,519 SF				
BUILDING TYPE	☒ NONRESIDENTIAL	☐ HIGH RISE RESIDENTIAL		☐ HOTEL/MOTEL GUEST ROOM	
PHASE OF CONSTRUCTION	☐ NEW CONSTRUCTION	☐ ADDITION	☒ ALTERATION	☐ UNCONDITIONED (file affidavit)	
METHOD OF LIGHTING COMPLIANCE	☒ COMPLETE BUILDING	☐ AREA CATEGORY	☐ TAILORED	☐ PERFORMANCE	

STATEMENT OF COMPLIANCE

This Certificate of Compliance lists the building features and performance specifications needed to comply with Title 24, Parts 1 and 6 of the California Code of Regulations. This certificate applies only to building lighting requirements.

The documentation preparer hereby certifies that the documentation is accurate and complete.

DOCUMENTATION AUTHOR	SIGNATURE	LIC. NO.	DATE
RONALD ZEIGER		E7218	11-17-97

The Principal Lighting Designer hereby certifies that the proposed building design represented in this set of construction documents is consistent with the other compliance forms and worksheets, with the specifications, and with any other calculations submitted with this permit application. The proposed building has been designed to meet the lighting requirements contained in sections 110, 119, 130, and 146 or 149.

Please check one :

☐ I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am a civil engineer, electrical engineer or architect.

☐ I affirm that I am eligible under the exemption to Division 3 of the Business and Professions code by section 5537.2 of the Business and Professions code to sign this document as the person responsible for its preparation; and that I am a licensed contractor preparing documents for work that I have contracted to perform.

☐ I affirm that I am eligible under the exemption to Division 3 of the Business and Professions Code by section _____ of the _____ Code to sign this document as the person responsible for its preparation; and for the following reason:_____

PRINCIPAL LIGHTING DESIGNER - NAME	SIGNATURE	LIC. NO.	DATE
RONALD ZEIGER		E7218	11-17-97

LIGHTING MANDATORY MEASURES

Indicate location on plans of Note Block for Mandatory Measures: BC1

INSTRUCTIONS TO APPLICANT

For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, please refer to the Nonresidential manual published by the California Energy Commission.
LTG-1: Required on plans for all submittals, part 2 may be incorporated in schedules on plans.
LTG-2: Required for all submittals.
LTG-3: Optional, use only only if lighting control credits are taken.
LTG-4: Optional, use only if tailored Method is used, parts 2 and 3 used only if applicable.

Nonresidential Compliance Form — JANUARY 1996

CERTIFICATE OF COMPLIANCE -Lighting — Part 2 of 2 — LTG-1

PROJECT NAME: OXFORD ELEMENTARY SCHOOL	DATE: 11-17-97

INSTALLED LIGHTING SCHEDULE

LUMINAIRE NAME (eg. Type-1, Type-2, etc.)	LAMPS: TYPE I	F	H	NO. OF LAMPS	WATTS/LAMP	BALLASTS: TYPE S	E•	O•	NO/LUMINAIRE	NOTE TO FIELD
F1	☐	☒	☐	4	32	☐	☒	☐	1	
F2	☐	☒	☐	2	32	☐	☒	☐	1	
F3	☐	☒	☐	3	32	☐	☒	☐	1	
F5	☐	☒	☐	2	32	☐	☒	☐	1	
F6	☐	☒	☐	4	32	☐	☒	☐	1	
F7	☐	☒	☐	2	32	☐	☒	☐	1	
F8	☐	☒	☐	4	32	☐	☒	☐	1	
F11	☐	☒	☐	3	32	☐	☒	☐	1	
F12	☐	☒	☐	2	32	☐	☒	☐	1	
	☐	☐	☐			☐	☐	☐		
	☐	☐	☐			☐	☐	☐		

• Provide Supporting Documentation

MANDATORY AUTOMATIC CONTROLS

CONTROL LOCATION (Room #)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Exterior, etc.)	SPACE CONTROLLED	NOTE TO FIELD

CONTROLS FOR CREDIT

CONTROL LOCATION (Room # OR Dwg. #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occupant, Daylight, Dimming, etc.)	LUMINAIRES CONTROLLED: TYPE	# OF LUMIN.	NOTE TO FIELD

NOTES TO FIELD - For Building Department Use Only

Nonresidential Compliance Form — JANUARY 1996

LIGHTING COMPLIANCE SUMMARY — LTG-2

PROJECT NAME: OXFORD ELEMENTARY SCHOOL	DATE: 11-17-97

ACTUAL LIGHTING POWER

LUMINAIRE NAME	DESCRIPTION	NUMBER OF LUMINAIRES	WATTS PER LUMINAIRE (including ballast)	CEC DEFAULT Y	CEC DEFAULT N	TOTAL WATTS
F1	8' SURFACE WRAPAROUND FLUOR	141	114	☒	☐	16,074
F2	4' SURFACE WRAPAROUND FLUOR	18	62	☒	☐	1,116
F3	4' SURFACE INJECTION MOLDED FLUOR	35	92	☒	☐	3,220
F5	4' SURFACE INJECTION MOLDED FLUOR	39	62	☒	☐	2,418
F6	REPLACEMENT LENS FOR (E) FIXTURES	7	114	☒	☐	798
F7	REPLACEMENT LENS FOR (E) FIXTURES	3	57	☒	☐	171
F8	8' PENDANT MTD IND/DIRECT FLUOR	17	114	☒	☐	1,938
F11	2X4 LAYIN FLUORESCENT	26	92	☒	☐	2,392
F12	12' INDIRECT WALL MTD FLUOR	2	114	☒	☐	228
				☐	☐	

SUBTOTAL FROM THIS PAGE	28,355
PLUS SUBTOTAL FROM CONTINUATION PAGE	
LESS CONTROL CREDIT WATTS (FROM LTG-3)	2,291
ADJUSTED ACTUAL WATTS	26,064

• If not using the CEC Default value, please provide supporting documentation

ALLOWED LIGHTING POWER (Choose One Method)

COMPLETE BUILDING METHOD

BUILDING CATEGORY (For Table 1-M)	WATTS PER SF	COMPLETE BLDG. AREA	ALLOWED WATTS
SCHOOL	1.8	30,519 SF	54,934

AREA CATEGORY METHOD

AREA CATEGORY (For Table 1-N)	WATTS PER SF	AREA (SF)	ALLOWED WATTS
TOTALS		AREA	WATTS

TAILORED OR PERFORMANCE METHOD

☐ TAILORED ☐ PERFORMANCE — TOTAL ALLOWED WATTS (From LTG-4 or from computer run.) — X WATTS

Nonresidential Compliance Form — JANUARY 1996

LIGHTING CONTROLS CREDIT WORKSHEET — LTG-3

PROJECT NAME: OXFORD ELEMENTARY SCHOOL	DATE: 11-17-97

WORKSHEET

A ROOM # ZONE ID	B LIGHTING CONTROL DESCRIPTION	C PLANS REF.	D ROOM AREA (SF)	E DAYLIGHTING ROOM RATIO •	F DAYLIGHTING GLAZING VLT	G WATTS OF CONTROL LIGHTING	H LIGHTING CONTROL FACTOR	I CONTROL CREDIT WATTS (G x H)
103	OCCUPANCY SENSOR	E3	221			352	0.2	70
112A			230			228	0.2	46
113			48			62	0.2	12
114			93			62	0.2	12
117			515			456	0.1	46
120			229			228	0.2	46
121			198			124	0.2	25
124			141			124	0.2	25
125			196			228	0.2	46
131			946			1202	0.1	120
132			122			114	0.6	68
135			270			186	0.1	19
137			666			684	0.1	68
140			216			124	0.2	25
141			45			62	0.6	37
142			916			974	0.1	97
143			906			974	0.1	97
144			908			912	0.1	91
145			908			912	0.1	91
146			911			974	0.1	97
150			46			62	0.6	37
6		E6	175			368	0.2	74
8			60			62	0.2	12
200			122			124	0.2	25
201			61			62	0.2	12
202			51			62	0.2	12
203			74			62	0.2	12
204			253			228	0.1	23
205			148			228	0.2	46

PAGE TOTAL → 1391

BUILDING TOTAL → .

• For windows, use the Window Wall Ratio for the room. For skylights, use the Skylight-to-Roof ratio for the room.

Enter on LTG-2 Actual Lighting Power calculation.

Nonresidential Compliance Form — JANUARY 1996

LIGHTING CONTROLS CREDIT WORKSHEET — LTG-3

PROJECT NAME: OXFORD ELEMENTARY SCHOOL	DATE: 11-17-97

WORKSHEET

A ROOM # ZONE ID	B LIGHTING CONTROL DESCRIPTION	C PLANS REF.	D RMXM AREA (SF)	E DAYLIGHTING ROOM RATIO •	F DAYLIGHTING GLAZING VLT	G WATTS OF CONTROL LIGHTING	H LIGHTING CONTROL FACTOR	I CONTROL CREDIT WATTS (G x H)
206	OCCUPANCY SENSOR	E6	181			228	0.2	36
207			166			228	0.2	36
208			910			912	0.1	91
209			851			798	0.1	80
210			141			124	0.2	25
212			140			124	0.2	25
214			859			974	0.1	97
215			46			62	0.6	37
216			916			974	0.1	97
217			906			974	0.1	97
218			908			912	0.1	91
219			908			912	0.1	91
220			911			974	0.1	97

PAGE TOTAL → 900

BUILDING TOTAL → 2,291

• For windows, use the Window Wall Ratio for the room. For skylights, use the Skylight-to-Roof ratio for the room.

Enter on LTG-2 Actual Lighting Power calculation.

Nonresidential Compliance Form — JANUARY 1996

☐ **Building Lighting Shut-off**
The building lighting shut-off system consists of an automatic time switch, with a zone for each floor, or

the building is separately metered and less than 5,000 square feet, exempt from the shut-off requirement.

☐ **Override for Building Lighting Shut-off**
The automatic building shut-off system is provided with a manual, accessible override switch in sight of the lights. The area of override is not to exceed 5,000 sf.

☐ **Automatic Control Devices Certified**
All automatic control devices specified are certified, all alternate equipment shall be certified and installed as directed by the manufacturer.

☐ **Fluorescent Ballast and Luminaires Certified**
All fluorescent fixtures specified for the project are certified and listed in the Directory. All installed fixtures shall be certified.

☐ **Tandem Wiring for Two-Lamp Ballast's**
All one and three lamp fluorescent fixtures are tandem wired with two (2) lamp ballast where required by Standards & T.V. or

All three lamp fluorescent fixtures are specified with electronic high-frequency ballast's and are exempt from two-lamp tandem wiring requirements.

☐ **Individual Room/Area Controls**
Each room and area in this building is equipped with a separate switch or occupancy sensor device for each area with floor-to-ceiling walls.

☐ **Uniform Reduction for Individual Rooms**
All rooms and areas greater than 100 square feet and more than 1.2 watts per square foot of lighting load shall be controlled with Bi-level switching for uniform reduction of lighting within the room.

☐ **Daylit Area Control**
All rooms with windows and skylights, that are greater than 250 square feet, and that allow for the effective use of daylight in the area shall have 50% of the lamps in each daylit area controlled by a separate switch; or

The effective use of daylight through cannot be accomplished because the windows are continuously shaded by a building on the adjacent lot. Diagram or shading during different times of year is included on plans.

☐ **Control of Exterior Lights**
Exterior mounted fixtures and served from the electrical panel inside the building are controlled with a directional photo cell control on the roof and a corresponding relay in the electrical panel.

2.0 LTG
K. Chan WF
2/20/1998

ZEIGER ENGINEERS, INC.
Electrical Consultants
330 2ND ST. 2ND FL.
OAKLAND, CA 94607
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■ LEE KARNEY AIA
☐ FRANZ STEINER AIA
☐ ELIEZER M. NAOR AIA

LICENSED ARCHITECT LEE KARNEY C 13158 EXP. 12/31/99 STATE OF CALIFORNIA

ARCHITECT'S STAMP

REGISTERED PROFESSIONAL ENGINEER Ronald D. Zeiger NO. E7218 EXP. 9/30/98 Electrical STATE OF CALIFORNIA

CONSULTANT'S STAMP

94707

DISTRICT

Oxford Elementary School
Modernization

1130 Oxford Street • Berkeley, CA

BERKELEY UNIFIED SCHOOL DISTRICT

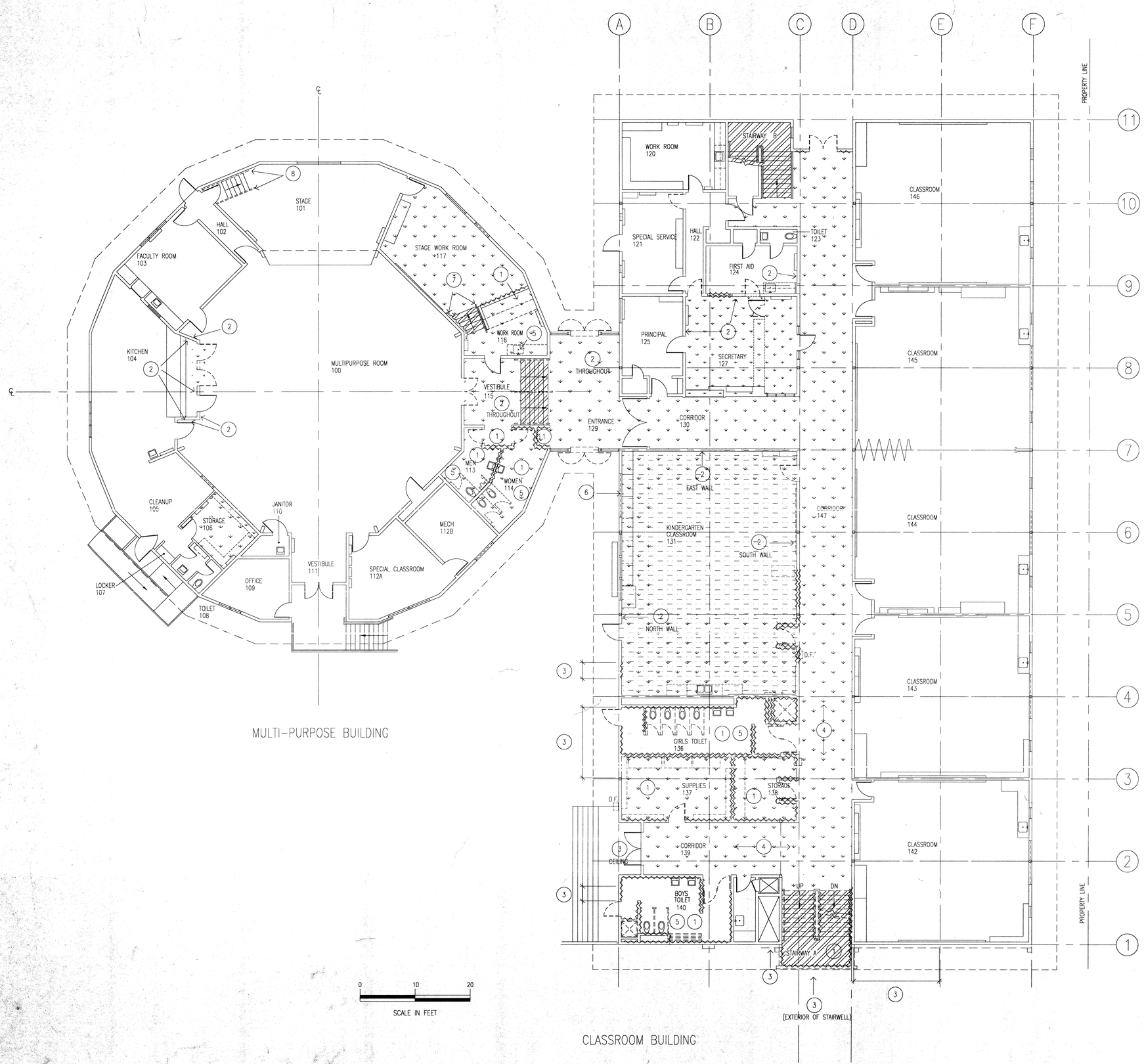
BUILDING COMPLIANCE FORMS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: AG SCALE: NONE
CHECKED BY: RZ

BC1

JOB NO: 1870 54 OF 60 SHEETS



EXPLANATION

Indicates Location of Asbestos-Containing 9" by 9" Floor Tile and Associated Asbestos Containing Mastic to be Removed.

Non-Asbestos Baseboards with Asbestos-Containing Mastic to be Removed in all Locations. Contractor Shall Remove Base Cabinets as Necessary to Access Floor Tile. Cabinets to be Salvaged will be Removed by General Contractor Prior to the Start of HAZMAT Work

Indicates Location of Asbestos-Containing 2' by 4' Acoustical Ceiling Tiles to be Removed

Indicates Location of Asbestos-Containing Mastic and Non-Asbestos Floor Tiles and Non-Asbestos Vinyl Sheet Flooring to be Removed. West Stairwell to be Demolished. Asbestos Mastic May Remain in West Stairwell if Demolition Debris is Disposed as Asbestos-Containing Waste

Indicates Location of Asbestos-Containing Joint Compound and Non-Asbestos Sheetrock to Be Removed. Non-Asbestos Baseboards and Associated Asbestos-Containing Mastic to be Removed in Same Locations. Existing Stud Walls To Remain in all Locations. Contractor Shall Remove Base Cabinets/Casework as Necessary To Access Sheetrock. Cabinets/Casework to be Salvaged will be Removed by General Contractor Prior to the Start of HAZMAT Work

(1) Demolish Sheetrock Ceilings with Asbestos-Containing Joint Compound

(2) Remove Non-Asbestos Wallpaper over Asbestos-Containing Joint Compound. Dispose As Asbestos-Containing Waste

(3) Remove Exterior Paint Containing Trace Amounts of Asbestos. See VBN Sheet A3.1 for Exact Locations Of New Doors/Windows where Paint will Need to be Removed. Remove all Exterior Paint at West Stairwell To Allow Demolition

(4) Remove and Replace Asbestos-Containing Acoustical Ceiling Panels to Access Taps of Sheetrock Walls

(5) Remove Asbestos-Containing Pipe Fitting Insulation As Necessary to Allow Pipes to be Reconfigured And/or Capped. Coordinate Extent of Work with General Contractor

(6) Remove Asbestos-Containing Caulking from Perimeter of Ventilation Louvers

(7) Using Lead Abatement Procedures, Remove Designated Handrails Coated with Lead Paint

(8) Using Lead Abatement Procedures, Remove Lead-Containing Paint from Designated Handrails Handrails to Remain in Place

GENERAL NOTES

Remove PCB Light Ballasts and Florescent Light Tubes as Necessary to Complete Renovation Project Coordinate Extent of Removal with General Contractor

Contractor Shall Remove and Replace Asbestos-Containing Acoustical Ceiling Panels Throughout the Building as Deemed Necessary by General Contractor to Allow Removal and Replacement of Light Fixtures, Modifications of Plumbing And Mechanical Systems and Installation of Electrical and Data Conduits. Locations of Tiles to be Removed will be Determined by the General Contractor

Limited Sheetrock Demolition may be Required to Provide Access to Shaft Where new Boiler Flue will be Installed. Contractor Shall Coordinate Locations of Access Holes With General Contractor Prior to Demolition

All Demolition Work Shall be Performed in Accordance With the Hazardous Materials and Lead Specifications

MODIFIED FROM THE FIRST FLOOR DEMOLITION PLAN: MULTI-PURPOSE AND CLASSROOM BUILDINGS | 1

This drawing was modified from Architectural Plans Created by VBN Architects

830 VALLE VISTA AVENUE
VALLEJO, CALIFORNIA 94590
TELEPHONE (707) 552-7936
FACSIMILLE (707) 552-7939
□ STUART A. SMITH CAC-0246
■ CAROL A. HAYS CAC-0262

Approved By:

Carol A. Hays CAC-0262

HAZARDOUS MATERIALS ABATEMENT

Oxford Elementary School Modernization Project

1130 Oxford Street Berkeley, CA 94707

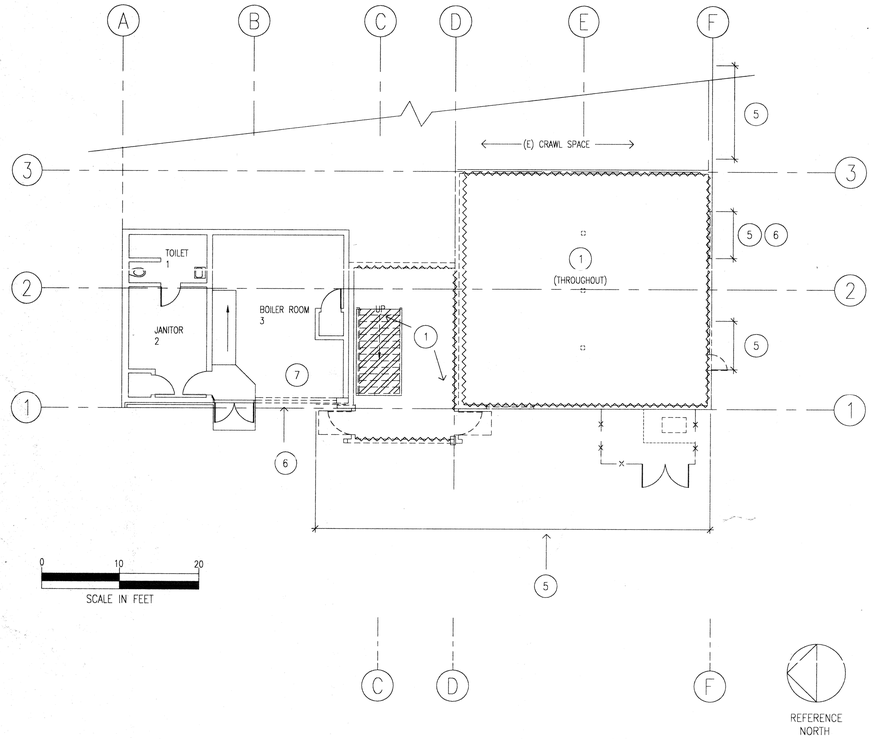
FIRST FLOOR PLAN

DATE	ISSUE	REV.
2/23/98	BID SET	

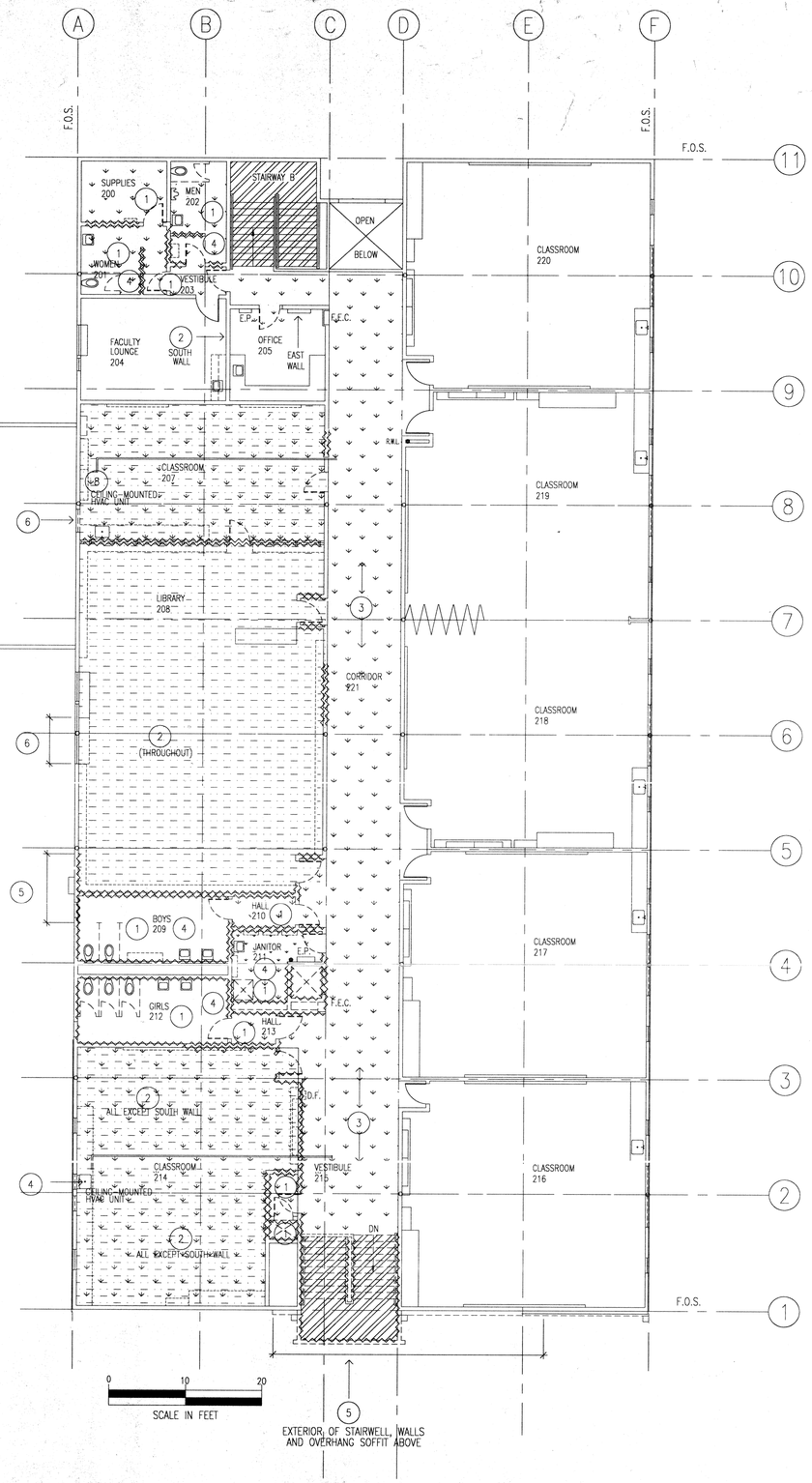
DRAWN BY: CAH SCALE:
CHECKED BY: SAS

HM-1

JOB NO: 1025 02 27 OF 60 SHEETS



BASEMENT DEMOLITION PLAN: CLASSROOM BUILDING | 2



MODIFIED FROM THE SECOND FLOOR DEMOLITION PLAN: CLASSROOM BUILDING | 1

EXPLANATION

Indicates Location of Asbestos-Containing 9" by 9" Floor Tile and Associated Asbestos Containing Mastic to be Removed. Non-Asbestos Baseboards with Asbestos-Containing Mastic to be Removed in all Locations. Contractor Shall Remove Base Cabinets as Necessary To Access Floor Tile. Cabinets to be Salvaged Will Be Removed by General Contractor Prior to Start of HAZMAT Work

Indicates Location of Asbestos-Containing 2' by 4' Acoustical Ceiling Tiles to be Removed

Indicates Location of Asbestos-Containing Mastic to be Removed Beneath Non-Asbestos Floor Tiles and Non-Asbestos Vinyl Sheet Flooring. West Stairwell to be Demolished. Asbestos Mastic May Remain if Demolition Debris is Disposed as Asbestos-Containing Waste

Indicates Location of Asbestos-Containing Joint Compound and Non-Asbestos Sheetrock to Be Removed. Non-Asbestos Baseboards and Black Baseboards are in Same Locations, Except Associated Asbestos-Containing Mastic to be Removed in Same Locations. Existing Stud Walls To Remain in all Locations. Contractor Shall Remove Base Cabinets/Casework as Necessary To Access Sheetrock. Cabinets/Casework to be Salvaged will be Removed by General Contractor Prior to the Start of HAZMAT Work

(1) Demolish Sheetrock Ceilings with Asbestos-Containing Joint Compound

(2) Remove Non-Asbestos Wallpaper over Asbestos-Containing Joint Compound. Dispose as Asbestos-Containing Waste

(3) Remove and Replace Asbestos-Containing Acoustical Ceiling Panels to Access Tops of Sheetrock Walls

(4) Remove Asbestos-Containing Pipe Fitting Insulation As Necessary to Allow Pipes to be Reconfigured And/or Capped. Coordinate Extent of Work with General Contractor

(5) Remove Exterior Paint Containing Trace Amounts of Asbestos. See Sheet VBN Architects Sheets A3.1 and A3.2 for Exact Locations of New Doors/Windows Where Paint will Need to be Removed. Remove all Exterior Paint at West Stairwell to Allow Demolition. Includes Removal for Existing and New Drain Work At Overhang Soffit Areas (Detail Not Shown)

(6) Remove Exterior Asbestos-Containing Caulking From Perimeter of Ventilation Louvers

(7) Remove Completely Asbestos-Containing Boiler Vent Pipes (2) Through to Roof Level

(8) Location of Asbestos-Containing Heating Hot Water Pipe Insulation. Remove Pipe Insulation as Necessary to Allow for Removal/Modification of Existing Ventilation Units. Coordinate Extent of Removal with General Contractor

GENERAL NOTES

Remove PCB Light Ballasts and Fluorescent Light Tubes as Necessary to Complete Renovation Project. Coordinate Extent of Removal with General Contractor

Contractor Shall Remove and Replace Asbestos-Containing Acoustical Ceiling Panels Throughout the Building as Deemed Necessary by General Contractor to Allow Removal and Replacement of Light Fixtures, Modification of Plumbing And Mechanical Systems and Installation of Electrical and Data Conduits. Location of Tile to be Removed To Be Determined by General Contractor

Limited Sheetrock Demolition may be Required to Provide Access to Shaft Where new Boiler Flue will be Installed. Contractor Shall Coordinate Locations of Access Holes With General Contractor Prior to Demolition

All Demolition Work Shall be Performed in Accordance With the Hazardous Materials and Lead Specifications

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HAZARDOUS MATERIALS ABATEMENT

Oxford Elementary School Modernization Project

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Berkeley, CA 94707

SECOND FLOOR AND BASEMENT PLANS

DATE	ISSUE	REV.
2/23/98	BID SET	

DRAWN BY: CAH SCALE:
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HM-2

JOB NO.1025 02 | 56 OF 60 SHEETS

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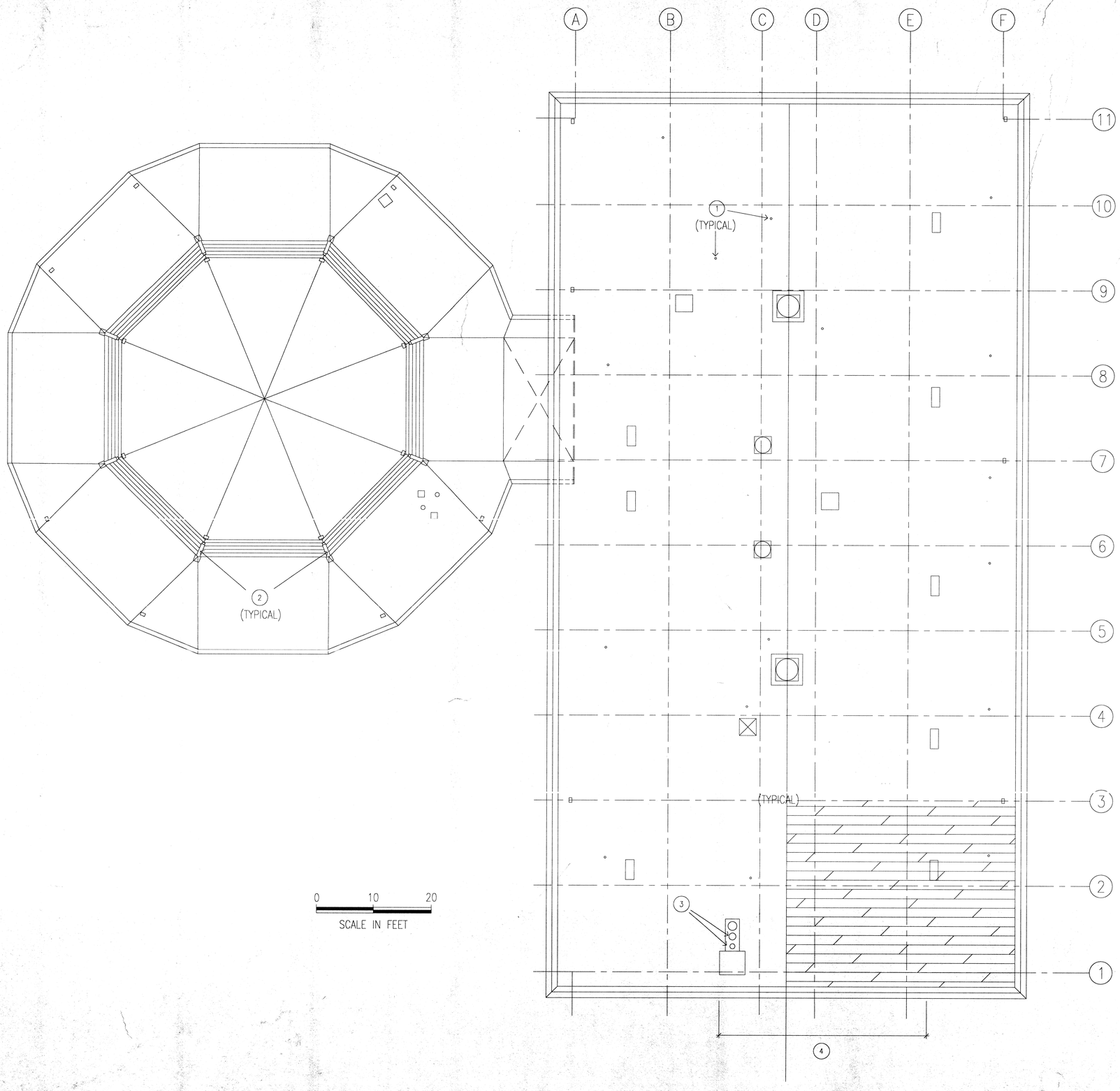

EXPLANATION

Indicates Location of Asbestos-Containing Tar and Gravel Roofing Material to be Removed.. Remainder of Roofing Material Does Not Contain Asbestos

(1) Remove Lead Flashing on Roof-Top Vent Pipes

(2) Remove Loose and Peeling Lead-Containing Paint from Wood Trim over Exterior Downspouts At Multipurpose Building Roof

(3) Remove Asbestos-Containing Transite Boiler Vent Pipes (2) Completely to Boiler Room

(4) Remove Exterior Paint Containing Trace Amounts Of Asbestos to Allow for Installation of New Roof Drain. See VBN Architects Sheet A3.1 and Detail 3/A8.2 for Exact Location of Plaster Soffit and Fascia to be Demolished

GENERAL NOTES

All Roofing Materials on Multipurpose Building Contain Asbestos, Including Shingles, Tar and Gravel And Flashing Materials. Removal is Not in Scope.

REFERENCE NORTH

MODIFIED FROM ROOF PLAN: MULTI-PURPOSE AND CLASSROOM BUILDINGS

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ROOF PLAN

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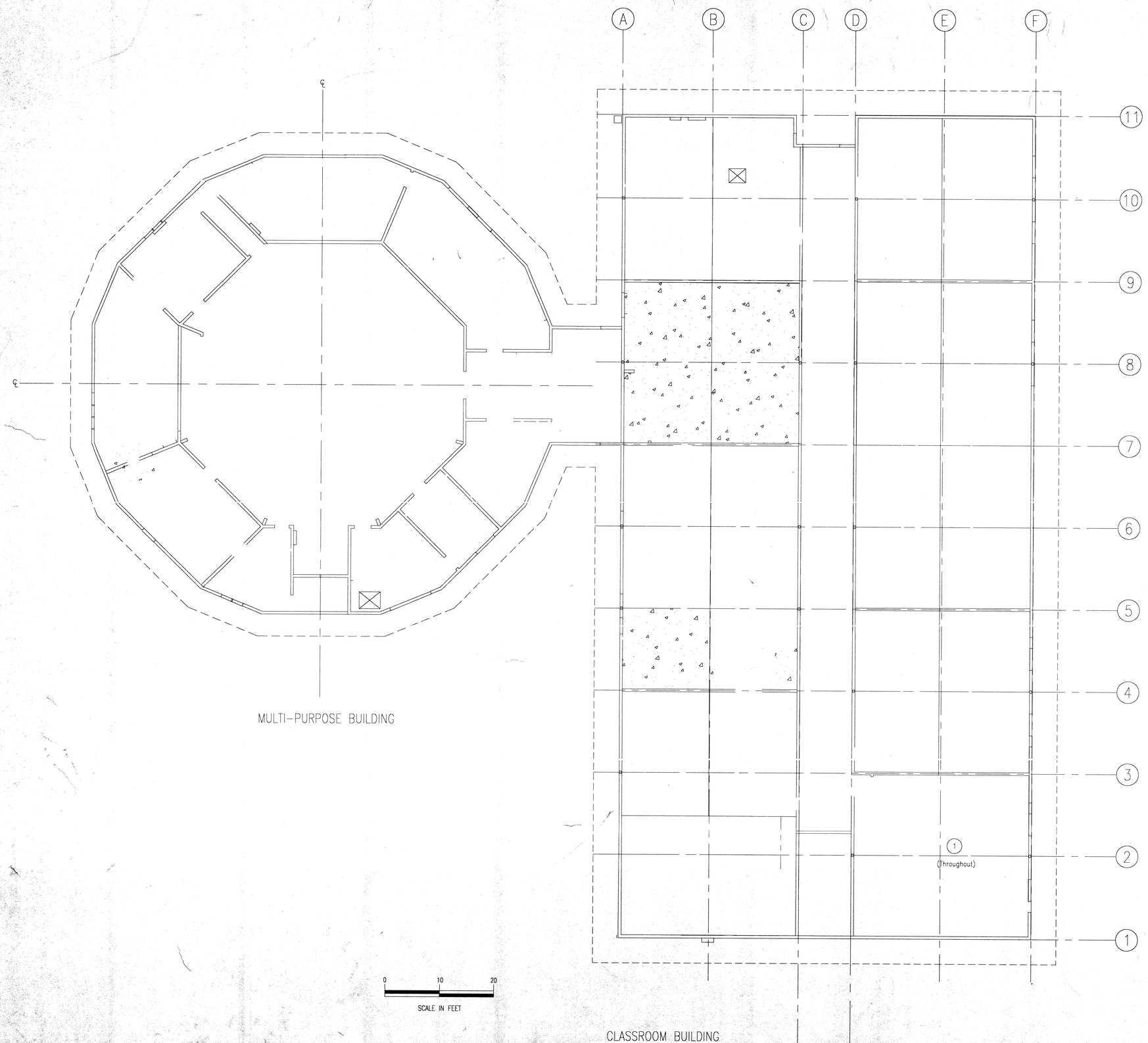

EXPLANATION

Indicates Location of Asbestos-Containing Debris. Utilize HEPA Filtered Vacuum Cleaners to Remove Debris and Associated Contaminated Soil

Indicates Location of Access Hatches

(1) Remove Interior Non-Asbestos Sheetrock with Asbestos-Containing Joint Compound from Walls And Ceiling

NOTE: Location of Interior Walls beneath Multipurpose Building are Approximate

MODIFIED FROM THE FIRST FLOOR DEMOLITION PLAN: MULTI-PURPOSE AND CLASSROOM BUILDINGS

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CRAWL SPACE PLAN

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