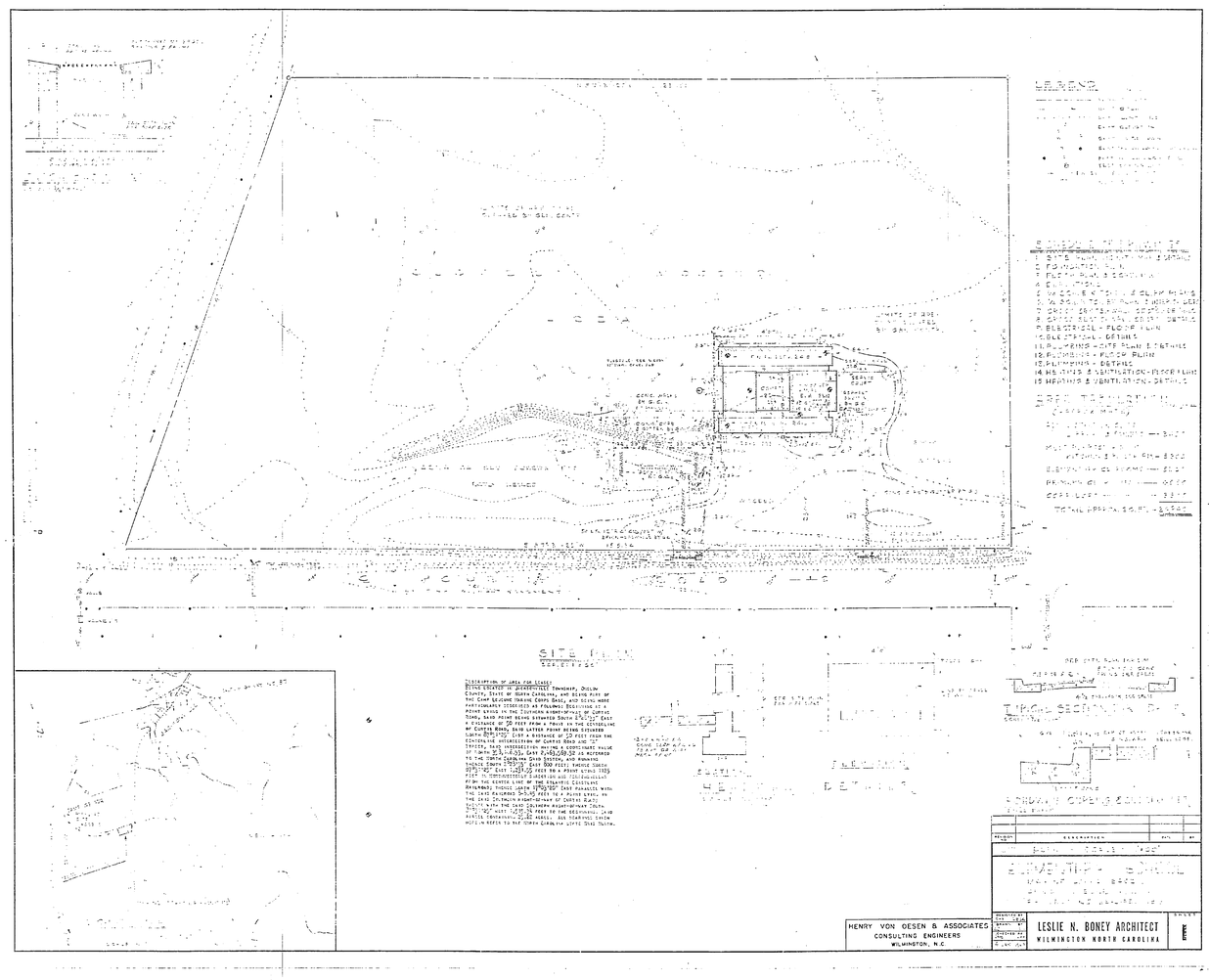
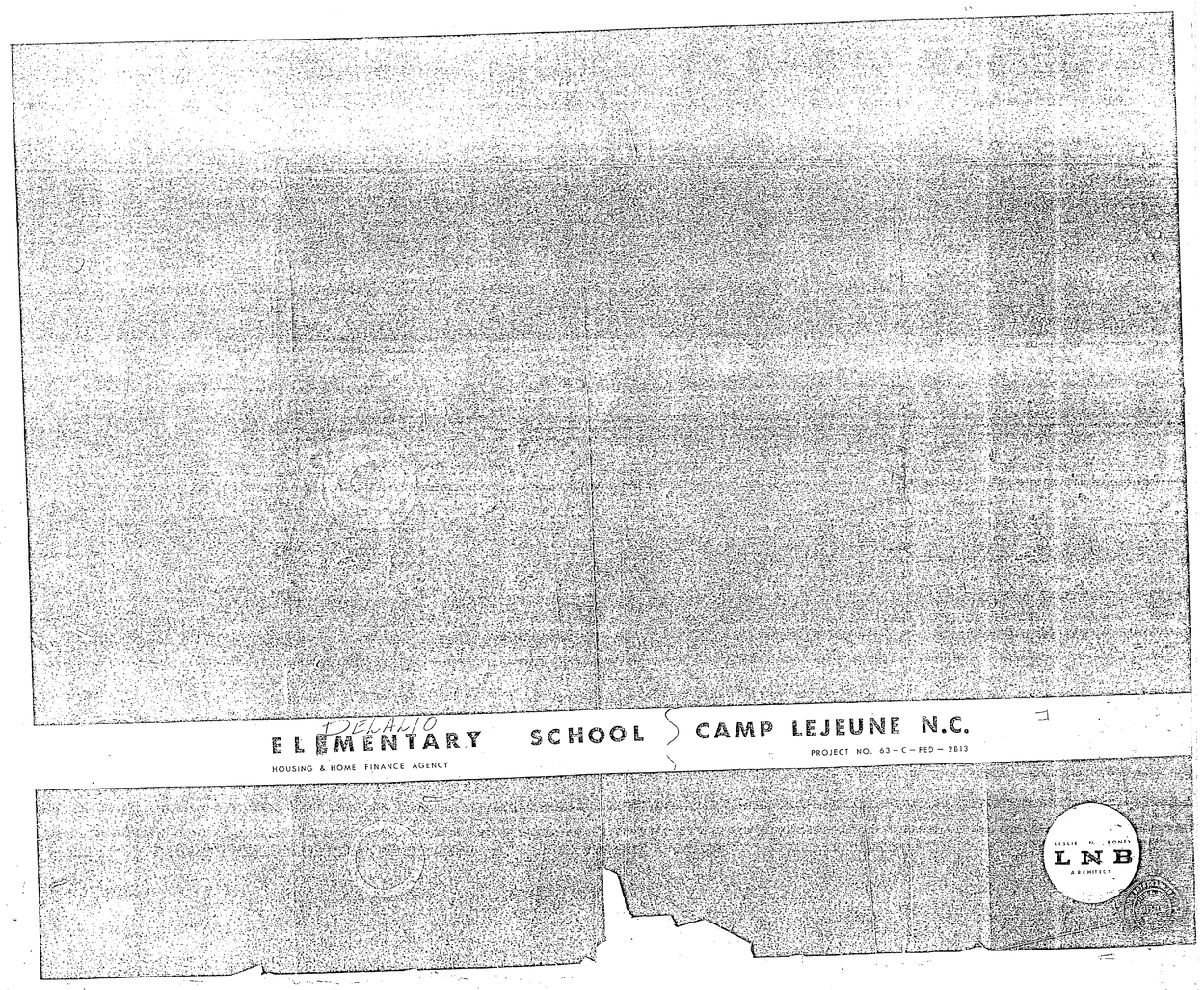
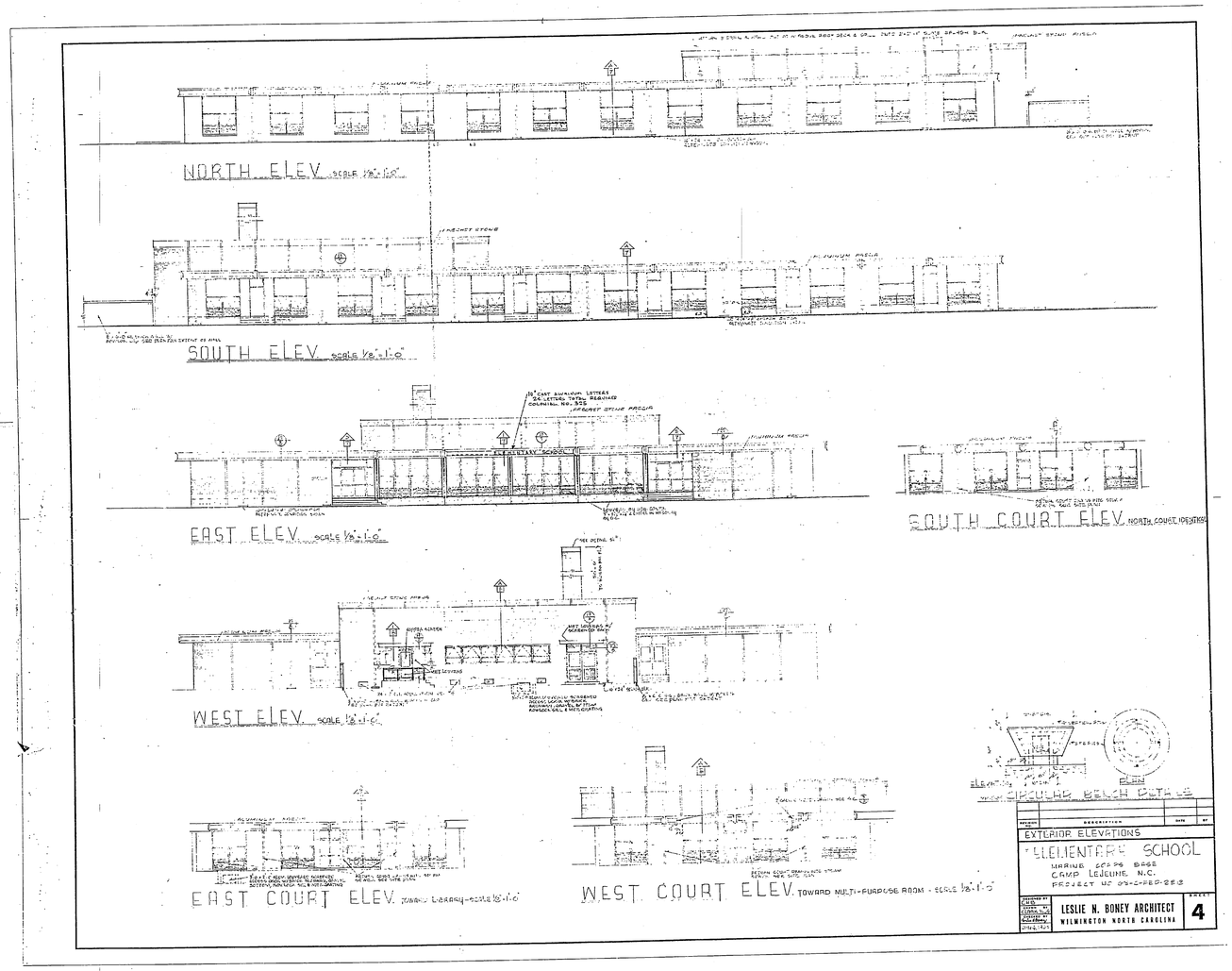
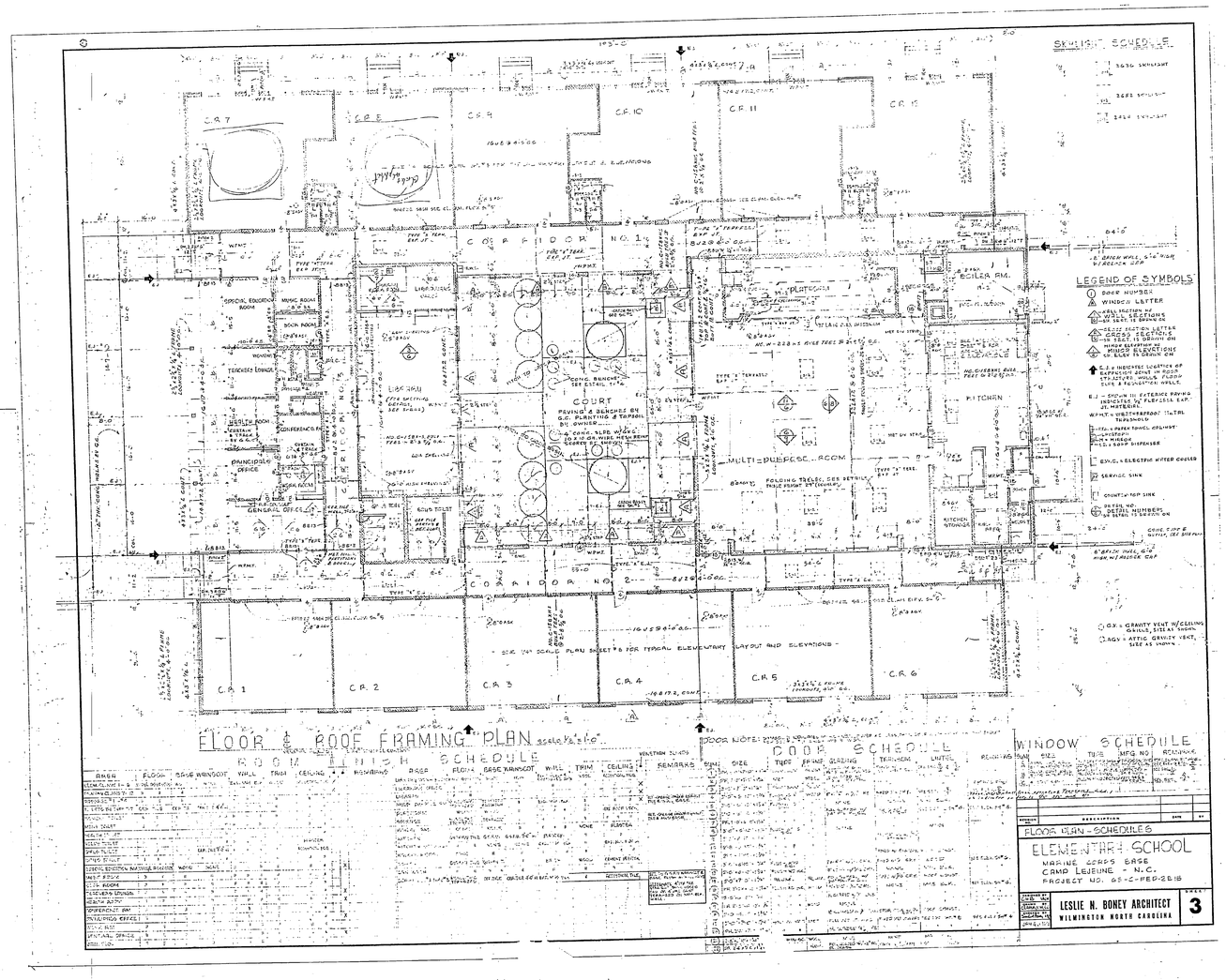

LEGEND
SITE PLAN
HENRY VON OESEN & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, N.C.
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA


DELALIO
ELEMENTARY SCHOOL CAMP LEJEUNE N.C.
HOUSING & HOME FINANCE AGENCY
PROJECT NO. 63-C-FED-2813
LESLIE N. BONEY
LNB
ARCHITECT

CERAMIC TILE ON DEPRESSED SLAB
REINF. CONC. SLAB ON FILL
DROP SLAB 1" TO RECEIVE TERRAZZO
NOTE: RAISE CONC. SLAB UNDER PLATFORM TO BE FLUSH W/ MULTIPURPOSE RM. FIN. FL.
SEE DETAIL SHEET 6
SEE CHIMNEY & CHIMNEY FTG. DETAILS THIS SHEET.
6" REINF. CONC. SLAB ON FILL
QUARRY TILE & 2½" REINF. CONC. SLAB ON BAR JOISTS
REINF. CONC. SLAB ON FILL DROP SLAB 1" TO RECEIVE TERRAZZO
147'-10"
193'-0"
SECTION ¼"=1'-0"
NOTE: STACK FTG TO BE INDEPENDENT OF BUILDING FTG
SECTION "A-A"
SECTION AT BASE
REINFORCED BRICK CHIMNEY DETAILS
GENERAL NOTES:
On East side of building provide concrete retaining wall with top soil fill for planting area extending from East face of columns to East face of the administrative offices. Retaining wall shall by pass on East side of 5 concrete columns and extend 65'0" from face to face.
The top of wall to align with concrete platform, and shall be 4" wide with 3/4" chamfered edges. Back to be straight with front exposed wall fact to sope to width at bottom which is to be 18" minimum below existing grade.
Provide 6 x 6-10-10 gauge mesh reinforcing. Provide #4 ell shaped dowels 1 long and anchor 6" oc to concrete columns. Provide ½" flexcell expansion at center line of each column.
Exterior steps shall have top riser align with CR-1 exterior brick wall return each tread 12" each side to concrete and brick walls. Move dow to sides to clar the step returns.
DETAIL "E-E"
DETAIL "A-A"
DETAIL "B-B"
DETAIL "C-C"
DETAIL "D-D"
FOOTING
FOUNDATION PLAN
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT LO 63-C-FEP-3815
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
2

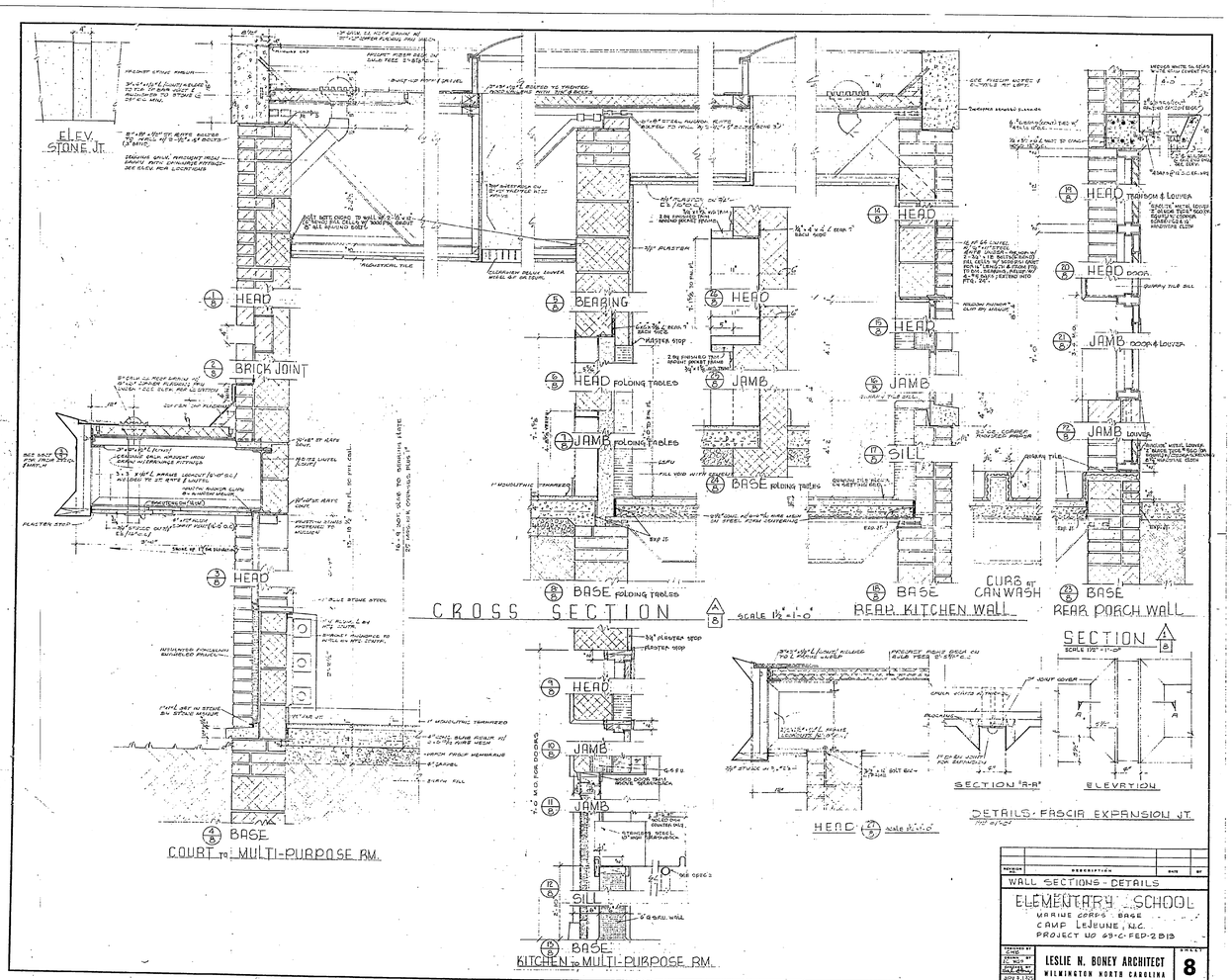
CATCH BASIN DETAIL
LEGEND
LIMITS OF AREA TO BE CLEARED BY GEN. CONTR.
WOODED AREA
AREA OF OLD BORROW PIT
CURTIS ROAD
WOODED
VALVE PIT
SITE PLAN
SCALE: 1"=60'
DESCRIPTION OF AREA FOR LEASE:
BEING LOCATED IN JACKSONVILLE TOWNSHIP, ONSLOW COUNTY, STATE OF NORTH CAROLINA, AND BEING PART OF THE CAMP LEJEUNE MARINE CORPS BASE, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT A POINT LYING IN THE SOUTHERN RIGHT-OF-WAY OF CURTIS ROAD, SAID POINT BEING SITUATED SOUTH 2°28'35" EAST A DISTANCE OF 50 FEET FROM A POINT IN THE CENTERLINE OF CURTIS ROAD, SAID LATTER POINT BEING SITUATED NORTH 87°31'25" EAST A DISTANCE OF 50 FEET FROM THE CENTERLINE INTERSECTION OF CURTIS ROAD AND "A" STREET, SAID INTERSECTION HAVING A COORDINATE VALUE OF NORTH 350,146.53, EAST 2,463,569.52 AS REFERRED TO THE NORTH CAROLINA GRID SYSTEM, AND RUNNING THENCE SOUTH 2°28'35" EAST 800 FEET; THENCE NORTH 87°31'25" EAST 1,231.55 FEET TO A POINT LYING 1125 FEET IN NORTHWESTERLY DIRECTION AND PERPENDICULAR FROM THE CENTER LINE OF THE ATLANTIC COASTLINE RAILROAD; THENCE NORTH 17°03'20" EAST PARALLEL WITH THE SAID RAILROAD 848.45 FEET TO A POINT LYING IN THE SAID SOUTHERN RIGHT-OF-WAY OF CURTIS ROAD; THENCE WITH THE SAID SOUTHERN RIGHT-OF-WAY SOUTH 87°31'25" WEST 1,515.34 FEET TO THE BEGINNING. SAID PARCEL CONTAINING 25.22 ACRES. ALL BEARINGS GIVEN HEREIN REFER TO THE NORTH CAROLINA STATE GRID NORTH.
VICINITY MAP
JACKSONVILLE
CAMP GEIGER
NEW RIVER
MARINE CORPS AIR FACILITIES
SECTION
ELEVATION
HEADWALL DETAILS
TYPICAL SECTION THRU DRIVE
ROADWAY CURBING & SIDEWALK DET.
SCHEDULE OF DRAWINGS
1. SITE PLAN VICINITY MAP & DETAILS
2. FOUNDATION PLAN
3. FLOOR PLAN & SCHEDULES
4. ELEVATIONS
5. ¼ SCALE KITCHEN & CL. RM. PLANS
6. ¼" SCALE TOILET PLAN & INTERIOR DETS
7. CROSS SECTS.-WALL SECTS.-DETAILS
8. CROSS SECTS.-WALL SECTS.-DETAILS
9. ELECTRICAL - FLOOR PLAN
10. ELECTRICAL - DETAILS
11. PLUMBING - SITE PLAN & DETAILS
12. PLUMBING - FLOOR PLAN
13. PLUMBING - DETAILS
14. HEATING & VENTILATION - FLOOR PLAN
15. HEATING & VENTILATION - DETAILS
AREA TABULATION (APPROXIMATE)
TOTAL APPROX. SQ. FT. - 24,840
HENRY VON OESEN & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, N.C.
SITE PLAN - SCALE 1"=60'
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
1

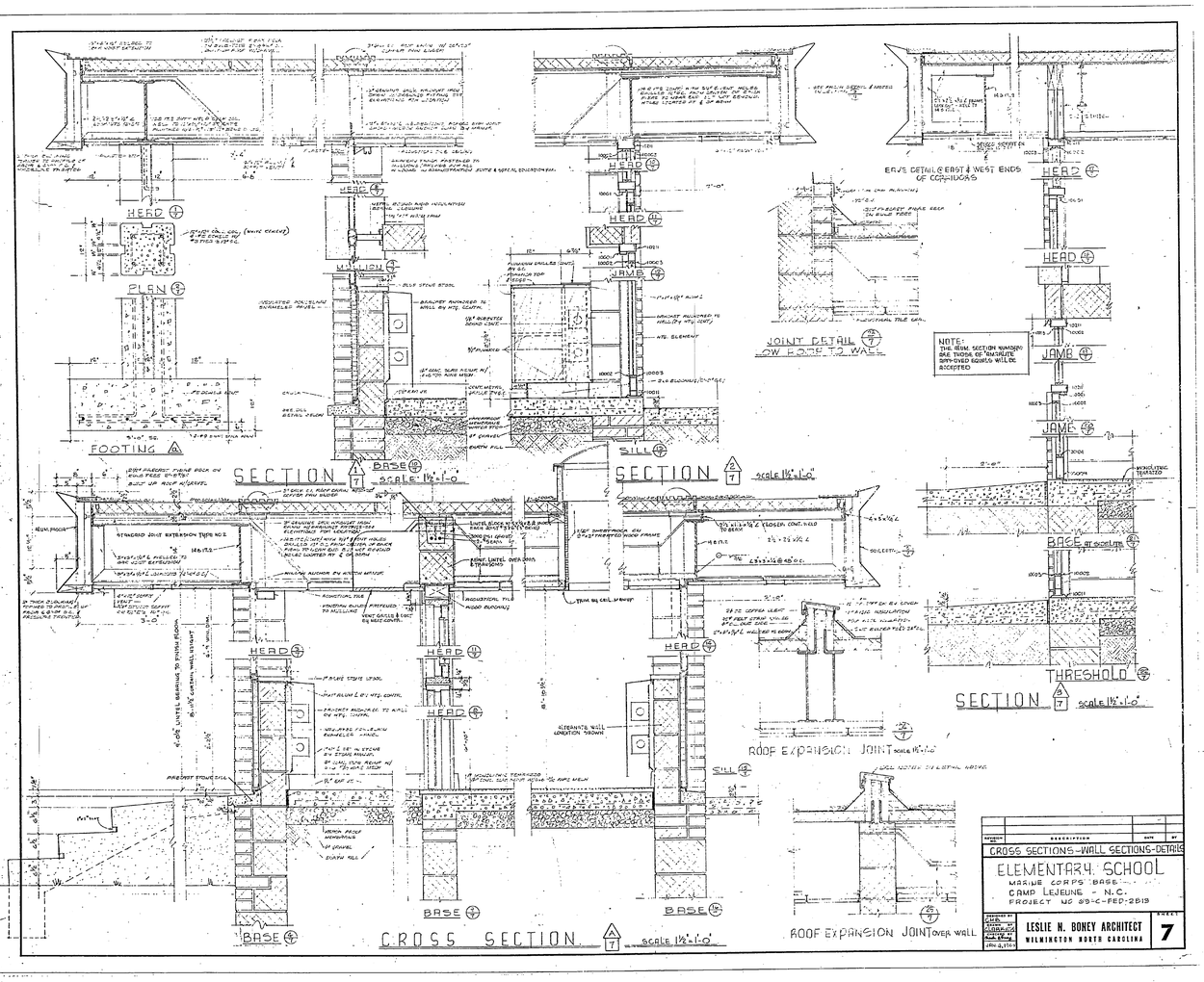

NORTH ELEV. SCALE 1/8"=1'-0"
SOUTH ELEV. SCALE 1/8"=1'-0"
EAST ELEV. SCALE 1/8"=1'-0"
SOUTH COURT ELEV. NORTH COURT IDENTICAL
WEST ELEV. SCALE 1/8"=1'-0"
EAST COURT ELEV. TOWARD LIBRARY - SCALE 1/8"=1'-0"
WEST COURT ELEV. TOWARD MULTI-PURPOSE ROOM - SCALE 1/8"=1'-0"
CIRCULAR BENCH DETAILS
EXTERIOR ELEVATIONS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. 65-C-FED-2818
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
4


SKYLIGHT SCHEDULE
LEGEND OF SYMBOLS
CORRIDOR NO. 1
CORRIDOR NO. 2
COURT
MULTI-PURPOSE ROOM
KITCHEN
C.R. 1
C.R. 2
C.R. 3
C.R. 4
C.R. 5
C.R. 6
C.R. 7
C.R. 8
C.R. 9
C.R. 10
C.R. 11
C.R. 12
FLOOR & ROOF FRAMING PLAN SCALE 1/8"=1'-0"
ROOM FINISH SCHEDULE
DOOR SCHEDULE
WINDOW SCHEDULE
FLOOR PLAN - SCHEDULES
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE - N.C.
PROJECT NO. 65-C-FED-2818
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
3

ELEV. 1/6 SCALE 1/4"=1'-0"
ELEV. 2/6 SCALE 1/4"=1'-0"
ELEV. 3/6 SCALE 1/4"=1'-0"
ELEV. 4/6 SCALE 1/4"=1'-0"
ELEV. 5/6 SCALE 1/4"=1'-0"
ELEV. 6/6 SCALE 1/4"=1'-0"
ELEV. 7/6 SCALE 1/4"=1'-0"
ELEV. 8/6 SCALE 1/4"=1'-0"
ELEV. 9/6 SCALE 1/4"=1'-0"
ELEV. 10/6
ELEV. 11/6 SCALE 1/4"=1'-0"
SLIDING DOORS
ELEV. 13/6 SCALE 1/4"=1'-0"
ELEV. 14/6 SCALE 1/4"=1'-0"
ELEV. 15/6 SCALE 1/4"=1'-0"
ELEV. 16/6 SCALE 1/4"=1'-0"
ELEV. 17/6 SCALE 1/4"=1'-0"
SECTION THRU AUD. PLATFORM 1/6
DOOR JAMB AT AUD. PLATFORM 2/6
STAIR DETAIL TO MULTI-PURPOSE ROOM PLATFORM
SCALE 1 1/2"=1'-0"
GIRL'S TOILET
BOY'S TOILET
WOMEN'S TOILET
MEN'S TOILET
JAN. CLO.
PASSAGE #4
HEALTH TOILET
GIRLS & BOYS TOILETS
ADMINISTRATION AREA TOILETS
1/4" SCALE TOILET PLANS
SECTION "A-A"
SECTION "B-B"
PLAN
LOADING PLATFORM & GREASE TRAP DETAILS
REVISION NO.
DESCRIPTION
DATE
BY
INTERIOR ELEVATIONS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 63-C-FED-2613
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
SHEET
6

KITCHEN ELEVATIONS SCALE 1/4"=1'-0"
ELEVATION
SECTION "A-A"
DETAILS-DIETITIAN'S DESK
WALK-IN REFG. COMPRESSOR BRACKET DET. IN CAN WASH
BOILER ROOM
KITCHEN
DIETITIAN
DISH-WASHING
KITCHEN STORAGE
WALK-IN REFG.
HELP'S TOILET
CAN WASH
MULTI-PURPOSE ROOM
1/4" SCALE KITCHEN PLAN
NOTES: THE CONTRACTOR, AT HIS OPTION, MAY USE 24"x24" TERRA COTTA FLUE LINING IN LIEU OF FIRE BRICK AS SHOWN, BY REDUCING OVERALL DIM. OF STACK TO 4-2"x4-2" IN LIEU OF 4-8"x4-8" AS SHOWN.
SOILED DISH TABLE SHALL BE 2'-6" WIDE TO ACCOMMODATE WASTE DISPOSAL
TYPICAL PRIMARY CL. RM. SUITE SCALE 1/4"=1'-0"
TYPICAL PRIMARY ELEV.
TYPICAL ELEMENTARY ELEV.
NOTE: CHILD CARE CABINETS
PORTABLE BOOK SHELVES (SEE SPECS)
HEATING ELEMENT
TYPICAL ELEMENTARY CL. RM.
SCALE 1/4"=1'-0"
REVISION NO.
DESCRIPTION
DATE
BY
1/4" SCALE KITCHEN & CLASSROOM PLANS & DETAILS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 63-C-FED-2613
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
SHEET
5


ELEV. STONE JT.
HEAD
BRICK JOINT
BEARING
HEAD FOLDING TABLES
JAMB FOLDING TABLES
BASE FOLDING TABLES
CROSS SECTION
SCALE 1½"=1'-0"
HEAD TRANSOM & LOUVER
HEAD DOOR
JAMB DOOR & LOUVER
JAMB LOUVER
SILL
BASE
CURB AT CANWASH
REAR KITCHEN WALL
REAR PORCH WALL
SECTION
SECTION "A-A"
ELEVATION
DETAILS - FASCIA EXPANSION JT.
COURT TO MULTI-PURPOSE RM.
KITCHEN TO MULTI-PURPOSE RM.
WALL SECTIONS - DETAILS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 69-C-FED-2819
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
8


HEAD
PLAN
FOOTING
SECTION
SCALE 1½"=1'-0"
JAMB
SILL
BASE
JOINT DETAIL
LOW ROOF TO WALL
EAVE DETAIL @ EAST & WEST ENDS OF CORRIDORS
NOTE: THE ALUM. SECTION NUMBERS ARE THOSE OF "ANALITE" APPROVED SQUARES WILL BE ACCEPTED
THRESHOLD
ROOF EXPANSION JOINT
ROOF EXPANSION JOINT OVER WALL
CROSS SECTION
CROSS SECTIONS - WALL SECTIONS - DETAILS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE - N.C.
PROJECT NO 69-C-FED-2819
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
7

FIXTURE SCHEDULE

TYPE	LAMP / VOLTAGE	DESCRIPTION	MFGR.	CAT. NO.	OPTIONS
A	300 w DE MED. SILVER BOWL	CONVENTIONAL RING UNIT 90° OPENING DROP ALUMINUM CONSTRUCTION - PORTABLE PENDANT	RUSS WIDMAN	S 5583 B	WITH PRISMAT
B	20" TO 0-60 1P 2-100 3-150	DRUM TYPE CEILING UNIT - SAFETY PANNS OR SPRING - INSULATED - FLANGED HEAD TYPE	LIGHTOLIER CORP. LIMING	6 SW 1 6 SW 2 6 SW 3	PERFECTITE WITH
C	100 W A. C.	GEN'L USE LIGHT WITH GUARD - PORT ALUM. CONST.	FEDERALITE	C P C 6	-
D	18" TO 150 W	BOWL REFLECTOR PENDANT MOUNTED ON ALL CANOPY BASE, SUSPEND 8-0" OR AS NOTED	BRUNING & SAULTE	V 9651 RLC 6 150	HOLDER GUARD
E	300 W	KELLEX PORCELAIN LAMP HOLDER	BRYANT	9313	~
F	100 W	VAPOR TIGHT UNIT WITH GLASS AND GUARD UNIT GUARD IN RANGE HOOD	CROUSE HINDS	VTAR 1149	WITH PRISMATIC
G	300 W 2 LAMP	RECESSED FLUORESCENT UNIT - FLUSH TYPE WITH LOUVERED TYPE - GLASS DIFFUSER	MILLER	1312 D	DAYGLOW LIGHTOLIER
H	100 W I P	RECESSED LIGHT WITH REFLECTABLE GLASS SHIELD	-	P. S.	A-3327 S	~
J	150 W	30° - RECESSED INC. GIMBAL WITH OPAL GLASS DIFFUSER - REWIRED	LIGHTOLIER CORP.	NYTEX C 6 W	1715	~
K	75 W R30 FLOOD	RECESSED ADJ. FLOOD WITH 7" GLASS LOUVER AND (TYPE) CLOSE LENS & BACK IN RED, BRONZE BLUE AND GREEN	CROUSE HINDS	GYDALITE	1814	~
L	3-150 W PAR 38 FLOOD LAMPS	OPEN TYPE FLOOD LIGHT - MOUNTED ON ALL SIDES OF BASE OF FLAG POLE - WITH 3 LAMP HOLDERS CLUSTER FITTING AND 3 LAMP HOLDERS	SYLVANIA ELECTRIC	SPG-1355	HOLDERS SPG-250
M	4-40 W 48" PRE A. P. SEATING COOL WHITE 5400	LOUVERED RAPID START FLUORESCENT UNIT - PRODUCT NO. 24 GAUGE STEEL HOUSING, METAL ENDS, STEEL LOUVERS, ALUMINUM REFLECTOR - FACTORY WIRED TO BE SET UP FOR "RAPID START" BALLASTS AS REQ'D.	DAYLIGHTER	FC 548-4-SE	MILLER
N	1-40 W 48" INC. WHITE THEN PER A. P. SEATING	SURFACE MOUNTED FLUORESCENT UNIT - PRISMATIC PLASTIC DIFFUSER	L.P.I. CATERPILLAR	F 1464 A	MILLER DAYGLOW
P	2-150 PAR 38 FL	CYLINDER WALL BRACKET - UP AND DOWN FLOOD LAMPS - FINISH, WITH WEATHER PROOF SHEATH ALL OUTSIDE USE	PEERLESS	WB-9313 MED-1980	~

⊗1 EXIT LIGHT & CEILING MOUNTED, RED GLASS METAL SCRIBE PERFECTITE PE-231 (WITH BATTERIES) 2-25 W IP LAMPS

⊗2 EXIT LIGHT - WALL MOUNTED 15'-0" ABOVE GRADE PERFECTITE PE-241

⊗3 EXIT LIGHT - WITH EXIT MOUNTED 2-25 W IP " PE-151
EXIT SIGN

PANEL 'K' SCHEDULE

400 A 208 W 120/208 3PH - 4W - 60 CY

CIRCUIT	AMPS	POLES	VOLTS	WIRE & CONDUIT	FEEDS
1, 3	20	1	120	#12-2 w #3/4"	LIGHTS IN MULTIPURPOSE
2, 4	20	1	120	"	GYM
5, 7	20	1		"	LIGHTS + REC. RM. # 6
6, 8	20	1		"	" REC. RM. #5
9	20	1		"	SPARE (MIN.)
10, 12	20	1		#12-3 w	EXTERIORS: EL. #1
11	20	1		#12-2 w #3/4"	EXTERIORS: FLAG POLE
13	20	1		"	EXTERIORS: PLANTER
15	20	1		2 #12 w "	2 RECEPT. IN KITCHEN
14	40	2		"	STOVE
16	40	2		"	"
17	30	1		"	SPARE
19	30	1		"	"
18	30	2		"	"
20	30	2		"	"
21	70	3	208	#10-3 w #3/4"	FEED WARMER
23	50	3		#8-3 w #1"	2 RANGE, 2 OVEN RECPT.
25	70	3		#6-3 w #1"	DISH WASHER
27	70	3		#4-3 w #1 1/4"	1 DISP. 1 DW
29	50	3		#6-3 w #1"	REFRIG. COMPR. AT CONDENSING UNIT
31	50	3		#6-3 w #1"	SPARE
33	50	3		#6-3 w #1"	"
35	50	3		#6-3 w #1"	"

PANEL'S END TO HAVE S.W. GUTTERS
BUS: TOP - BOTTOM

PANEL 'A' SCHEDULE

100 A 240 W 120/240 1 PH - 3 WIRE

CIRCUIT	AMPS	POLES	VOLTS	WIRE & CONDUIT	FEEDS
1, 3	20	1	120	#12-2 w #3/4"	LIGHTS IN MULTIPURPOSE
2, 4	20	1	120	"	GYM
5, 7	20	1		"	LIGHTS + REC. RM. # 6
6, 8	20	1		"	" REC. RM. #5
9	20	1		"	SPARE (MIN.)
10, 12	20	1		#12-3 w "	EXTERIORS: EL. #1
11	20	1		#12-2 w #3/4"	EXTERIORS: FLAG POLE
13	20	1		"	EXTERIORS: PLANTER
15	20	1		2 #12 w "	2 RECEPT. IN KITCHEN
14	40	2		"	STOVE
16	40	2		"	"
17	30	1		"	SPARE
19	30	1		"	"
18	30	2		"	"
20	30	2		"	"
21	70	3	208	#10-3 w #3/4"	FEED WARMER
23	50	3		#8-3 w #1"	2 RANGE, 2 OVEN RECPT.
25	70	3		#6-3 w #1"	DISH WASHER
27	70	3		#4-3 w #1 1/4"	1 DISP. 1 DW
29	50	3		#6-3 w #1"	REFRIG. COMPR. AT CONDENSING UNIT
31	50	3		#6-3 w #1"	SPARE
33	50	3		#6-3 w #1"	"
35	50	3		#6-3 w #1"	"

PANEL 'B' SCHEDULE

100 A 208 W 120/208 3 PH - 4 W

1, 3	20	1	120	#12-2 w #3/4"	LIGHTS - CLASS ROOM 1
2, 4	20	1		Dia.	" " 2
5, 7	20	1		Dia.	" " 3
6, 8	20	1		Dia.	" " 4
9, 11	20	1		Dia.	" " 5
10	20	1		Dia.	" " 6
12	20	1		Dia.	2 - TOILET RMS & RECEPT. PANS
13	30	1		Dia.	1 - HALL AND WATER COOLER
15	30	1		Dia.	1 - RECEPT - JANITORS ETC.
17	20	1		Dia.	1 - EXTRA LIGHTS
14	20	1			SPARE
16	20	1			"
18	30	3	208		HEATING UNIT
20	30	3			"
19	30	3	120	#12-3 w #3/4"	HEATING UNIT
21	30	3			"

PANEL 'C' SCHEDULE

100 A 208 W 1 PHASE 3 WIRE MAIN BUS BAR

1, 3, 5	20	1	120	#12-2 w #3/4"	LIGHTS - CLASS ROOM 7
2, 4, 6	20	1		Dia.	" " 8
7, 9, 11	20	1		Dia.	" " 9
8, 10	20	1		Dia.	" " 10
12	20	1		Dia.	" " 11
14	20	1		Dia.	" " 12
16	20	1		Dia.	" " 13
18	20	1		Dia.	2 MALE WING WATER COOLERS
20	20	1		Dia.	" " " "
22	30	1		Dia.	SPARE
24	30	1		Dia.	"
26	50	3	240	#10-3 w #3/4"	HEATING UNITS
28	50	3			" "
30	50	3	120	#12-2 w #3/4"	SPARE
32	50	3			"

PANEL 'D' SCHEDULE

100 A 208 W 120/208 3 PH - 4 W MAIN BUS BAR

1, 3, 5	20	1	120	#12-2 w #3/4"	LIGHTS + CLASS ROOM 7
2, 4, 6	20	1		Dia.	" " 8
7, 9, 11	20	1		Dia.	" " 9
8, 10	20	1		Dia.	" " 10
12	20	1		Dia.	SPARE TO #14
14	20	1		Dia.	" " #16
16	20	1		Dia.	LIBR. WORK ROOM
18-20	20	2		Dia.	LIBRARY
22	20	1		Dia.	2 RECEPT. INTER RM. CO.
24	20	1		Dia.	RECEPTACLES IN 13, 14, 15
26	20	1		Dia.	" " 16, 17, 18
28	20	1		Dia.	SPARE
30	20	1		Dia.	"
32	20	1		Dia.	2 WALL HUNG WATER COOLERS
34	20	1		Dia.	" " " "
36	50	3	240		HEATING UNITS
38	50	3			" "
40	50	3	120	#12-2 w #3/4"	SPARE
42	50	3			"

PANEL 'BR' SCHEDULE

100 A 208 W 1 PH 3 WIRE MAIN BUS BAR

1	50	1	120	#10-2 w #3/4"	RECEPT. BOYS ROOM
3	50	1	120	"	RECEPT. + EXH. FAN
5	50	1		Dia.	RECEPT. GIRLS ROOM
7	50	1		Dia.	BOILER CONTROLS
9	20	1		Dia.	TIME SW. FOR CIRC. CONTROLS
11	20	1		Dia.	CIRCULATOR - DOMESTIC HOT WATER
13	20	1		Dia.	" RECIRC. LINE
15	20	1		Dia.	CIRCULATOR - ZONE 1
17	20	1	1/4" SL WIRE GUTTER		SPARE
19	30	1			"
21	30	1			"
23	30	1			"
25	30	1			SPARE, NO OIL BURNER
27	30	1			"
29	30	1			OIL BURNER OR SPARE
31	30	1			SPARE

PANEL 'O' SCHEDULE

100 A 208 W 1PH 3 WIRE MAIN BUS

1	20	1	120	#12-2 w #3/4"	1 EXH. FAN & 6 OUTLETS LTS
3	20	1		"	LIGHTS - CEIL. OFFICE
5	20	1		"	" - TOILETS & JANITORS
7	20	1		"	CORRIDOR
9	20	1	#10-3 w #3/4"		SPARE
11	20	1	#10-3 w #3/4"		"
13	20	1	#12-3 w #3/4"		"
15	20	1			RECEPT. OFFICE
17	20	1	#12-2 w #3/4"		RECEPT. CORRIDOR
19	20	1	#12-3 w #3/4"		SPARES - MASTER CLOCK
21	20	1			SPARE - CENTRAL SOUND SYSTEM
23	20	1	#12-2 w #3/4"		TIME SW. - CLOCK OFF
25	20	1	#12-3 w #3/4"		RECEPT. CORRIDOR
27	20	1	#12-2 w #3/4"		SPARES - MASTER CLOCK
29	20	1			TIME SW. - CLOCK ON
31	20	1	#12-2 w #3/4"		" - CENTRAL SOUND
33	20	1			SPARE

SOUND SYSTEM DIAGRAM

TRANSFORMER BANK DETAILS

PARTIAL PLOT PLAN

SERVICE RISER DIAGRAM

ITEM	DESCRIPTION
1	HOT LINE CLAMP
2	DEAD END HOOK
3	SUSPENSION INSULATOR 3½" - 2 PER STRING
4	GROSS ASM. 1¾" x 4½" x 8'-0"
5	STEEL PINE THIMBLE 8'-0" x 11'-0"
6	DOUBLE ARMING BOLT 5/8" x CORD LENGTH
7	BOLT BIG TYPE GUY ATTACHMENT
8	GROUND CLAMP - COPPER ROD TO STEEL - STRAND
9	STEEL ANGLE BRACE 1¾" x 1¾" x ¼" - 60° SPREAD
10	THROUGH BOLT 5/8" WITH NUT & WASHERS
11	4/0 - 2 TO METERING EQUIPMENT
12	LIGHTNING ARRESTOR AS SPECIFIED
13	PHASE CLEVIS AS SPECIFIED
14	1¾" x 90° PLAT BRACE
15	HEAVY DUTY SECONDARY RACK
16	TRANSFORMER PER KVA SEE SPEC. SEC.

ELECTRICAL - DETAILS

ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 63-C-FED-2813

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET 10

N.C. EES NO. 1058
JOB NO. 653
DATE JAN 65
SHT. NO. E 5 OF 5

GENERAL NOTES

- COLOR CODE ALL WIRING BLACK - RED - BLUE WHITE FOR NEUTRALS.
- NAME ALL PANELS. FILL OUT SCHEDULES COMPLETELY AND COMPLETELY.
- BOND ALL GROUND RECEPTACLES USING A STEEL CITY GROUND CLIP + GREEN WIRE.
- RUN 2 - ¾" EMPTY CONDUITS FROM EACH FLUSH PANEL TO ATTIC ABOVE CEILING.
- COORDINATE WORK WITH MECHANICAL AND ARCHITECTURAL PLANS - DO NOT INSTALL OUTLETS BEHIND RADIATORS.
- IN CONCR. FOOTINGS, TAPES SHALL NOT BE USED ON ANY WIRE SMALLER THAN #6
- PROVIDE WIRING FOR HEATING EQUIPMENT AS REQUIRED.
- TELEPHONE CONDUITS: RUN 1" EC. FROM OUTLETS MARKED "TEL" IN ATTIC ABOVE TO TERMINAL CABINET IN OFFICE AND FROM BOXES RUN ¾" FROM SWITCH OUTLET TO CABINET.
- PUBLIC ADDRESS SYSTEM: CONDUITS FROM SPEAKERS SHALL END IN CAB. W.P. OUTLET BOXES. USE ¾" EC. FOR 1 OR 2 SPKRS.; 1¼" FOR 3, 4 OR 5 SPKRS AND 1" FOR 6 OR 7. PROVIDE CAN BELL PUSH BUTTON MOUNTED FLUSH IN COURTYARD. SEE CONDUIT SEE RISER DIAGRAM ON SHT E-5

SPECIAL NOTES

2. FLUSH MOUNT LIGHT SWITCH AND FAN SPEEDER SWITCH AT DOOR JAMBS. PROVIDE AS PER WIRING DIAGRAM IN CHAPTER AND SELECT WITH PANEL
   a. PROVIDE WIRING FOR JANITOR, JANITORS ROOM, UNIT HEATER. DOWN IN TOP THERMOSTAT AND 48" ABOVE FINISH FLOORS.
   c. 150 C. WALL FLOOD OUTLET, LEVEL WITH 24" CONC. NO. 5 C. W. PURCHASE 4 - 150 W. R30 FLOOD LAMPS TO OWNER.
   d. WIRING FOR FOUNTAIN, SEE SPECIALISTS AND CONTRACTOR.
   e. FLOOR TELEPHONE OUTLET LEVEL WITH SIDE OF EXTERIOR CURB. USE FULL STEEL BOX
   f. PROVIDE DUPLEX + SIGNAL NO. 1906 FLUSH FLOOR DUPLEX AND RE. 1919 CAP AND EXTEND WIRING TO RANGES AND OVEN USING STEEL BRAID CONDUIT NIPPLE AND GREENFIELD ETC.
   j. FLUSH TERMINAL CABINET 2'-0" x 1'-6" - WITH PLYWOOD BACK AND 2 VERT. TAN. SHELVES FOR MASTER TELEPHONE AND BELL SYSTEMS SEE RISER DIAGRAM SHT E-5, & NOTES
   h. 6' SQ. FLUSH OUTLET 4'-0" ABOVE FLOOR FOR LOCK THERMOSTAT. RUN 2" CONDUIT TO CAB. W.P. OUTLET TO WORK IN ATTIC SPACE
   i. OUTLET FOR WELL WING WATER COOLER.
   j. USE 3 - #12 AWG + 1 #12 AWG - 1" CONDUIT/ASSEMBLY FOR BRANCH TO STRIKING CIRCUIT TO BELL SYSTEM. SPARE #12 AWG IN CONDUIT IN ATTIC.
   k. INSTALL 24 GAUGE SHEET METAL BOX AT TOP OF ALL DOOR JAMBS FOR FUTURE DOOR CONTACTS. BOX TO BE FLUSH TO FINISHED SURFACE AND WHEN DOOR IS OPEN. BOX TO BE COVERED WITH PLASTIC COVER PLATE AND WORK WITH DOOR OPEN OR SHUT. SEE DOOR SCHEDULE.
   l. OUTLET FOR TIME TABLE. PROVIDE FLUSH BOX 1½" x 6½" x 4" DEEP AND CONDUIT OF TABLE AS REQUIRED AT 24" A.F.F.
   m. PROVIDE 4" FLUSH OUTLET IN WELL RECESS. BOTTOM OF BOX 12" ABOVE FINISH FLOOR. PROVIDE 4" CONDUIT FROM OUTLET TO ATTIC SPACE ABOVE. RUN 1/0 #6 AWG IN CONDUIT FOR FUTURE USE.
   n. ELEC. OR TIME SWITCH CONTROL FOR ALL EXTERIOR LIGHTING. SEE SPECIFICATIONS FOR SETTINGS AND OPERATION.
   p. RUN 3/0 #1/0 AWG GROUND WIRE FROM SERVICE EQUIPMENT TO ELECTRODE. SIZE AS PER N.E.C. WHERE GROUND WIRE IS RUN IN METAL CONDUIT BOTH ENDS OF CONDUIT SHALL BE GROUNDED.
   q. PROVIDE WIRING FOR DISHWASHER AND ELECTRIC DOMESTIC HEATER - SEE DETAIL ON SHT E-5.
   r. FOR BELL SYSTEM SEE SPECIFICATIONS. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL WIRING AND CONDUIT FOR BELL SYSTEM AS SHOWN ON DRAWINGS AND AS SPECIFIED. ALL WIRING SHALL BE IN CONDUIT. SEE RISER DIAGRAM SHT E-5 & NOTES

SYMBOLS

- ⊕ CEILING WITH JOB CONDUCTORS
- ⊕ WALL BRACKET
- ⊕ WALL BRACKET WITH OUTLET
- ⊕ FLUSH OUTLET
- ⊕ SPECIAL OUTLET
- ⊕ SPECIAL OUTLET AS SPECIFIED
- ⊕ WATER HEATER OUTLET
- ⊕ TERMINAL CABINET
- ⊕ LIGHTING OUTLET
- ⊕ PANEL BOARD
- ⊕ BRANCH CIRCUIT CONCEALED
- ⊕ BRANCH CIRCUIT EXPOSED
- ⊕ BRANCH CIRCUIT UNDERFLOOR
- ⊕ SINGLE POLE SWITCH
- ⊕ DOUBLE POLE SWITCH
- ⊕ 3 WAY SWITCH
- ⊕ 4 WAY SWITCH
- ⊕ DOOR AND PILOT LIGHT
- ⊕ KEY SWITCH

SYMBOLS

- ⊕ CEILING OUTLET
- ⊕ WALL BRACKET
- ⊕ BLANK OUTLET
- ⊕ TEL. OUTLET
- ⊕ JUNCTION BOX
- ⊕ FAN HANGER
- ⊕ EXIT LIGHT
- ⊕ SPECIAL PURPOSE OUTLET AS SPECIFIED
- ⊕ SPECIAL PURPOSE OUTLET
- ⊕ CLOCK OUTLET. FOR SPECIAL SYSTEM UNIT
- ⊕ FIRE ALARM STATION
- ⊕ FIRE ALARM BELL
- ⊕ BELL
- ⊕ LOUDSPEAKER OUTLET
- ⊕ TELEPHONE OUTLET
- ⊕ PUSH BUTTON
- ⊕ BUZZER
- ⊕ DOOR CONTACT
- ⊕ THERMOSTAT
- ⊕ PULL SWITCH
- ⊕ DAYLIGHT SWITCH

FLOOR PLAN

SCALE 1/8" = 1'-0"

ELECTRICAL NOTES:
RUN - 3 ¾" C. FROM EACH FLUSH PANEL TO CEILING SPACE + 2 EMPTY CONDUITS.
SERVICE ENTRANCE CONDUCTORS SIZED UP TO 250 MCM PER PHASE CONDUIT & INSTALLED AS DIRECTED FOR WATER COOLERS, FANS, HEATER, CLOCK, ETC. AS SHOWN

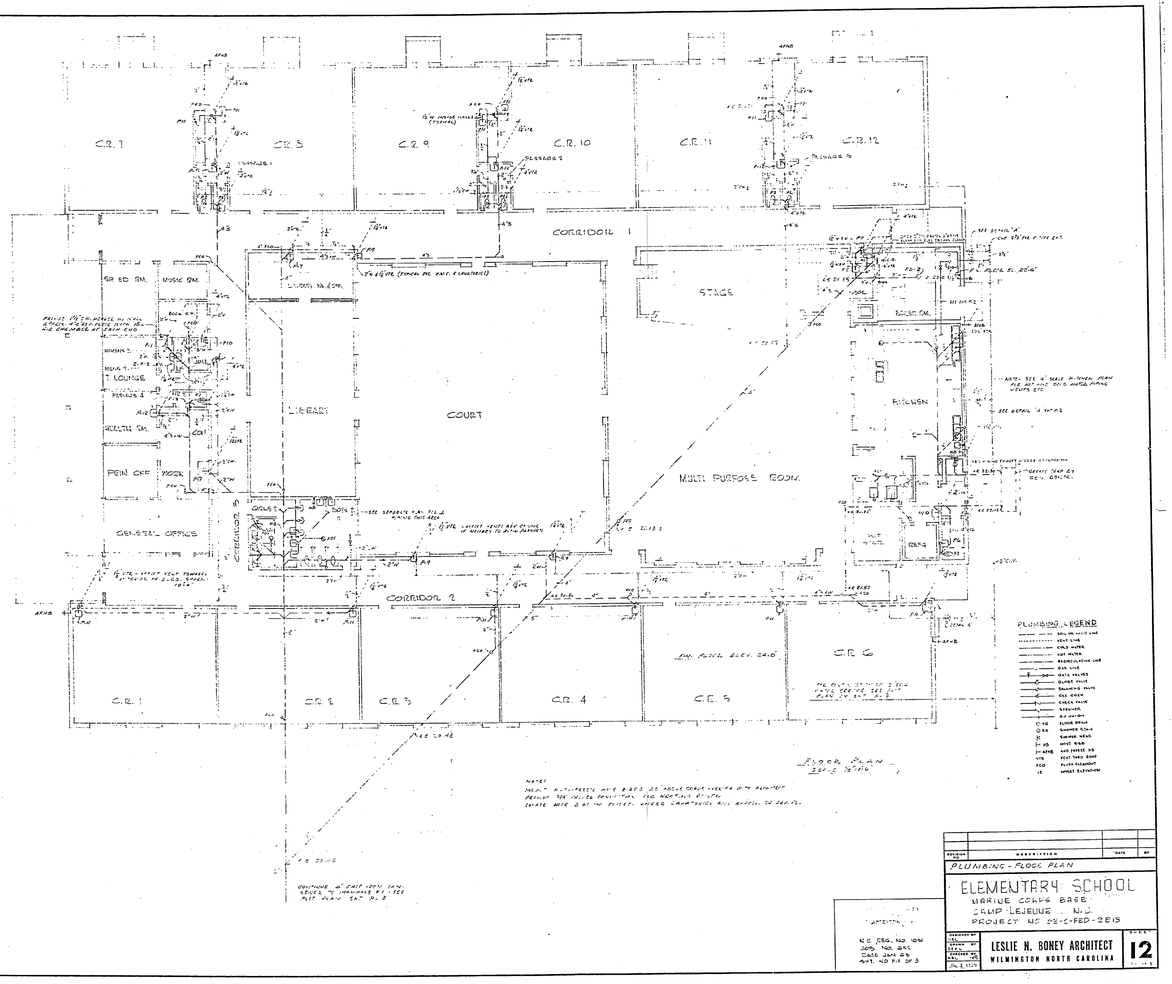
ELECTRICAL - FLOOR PLAN

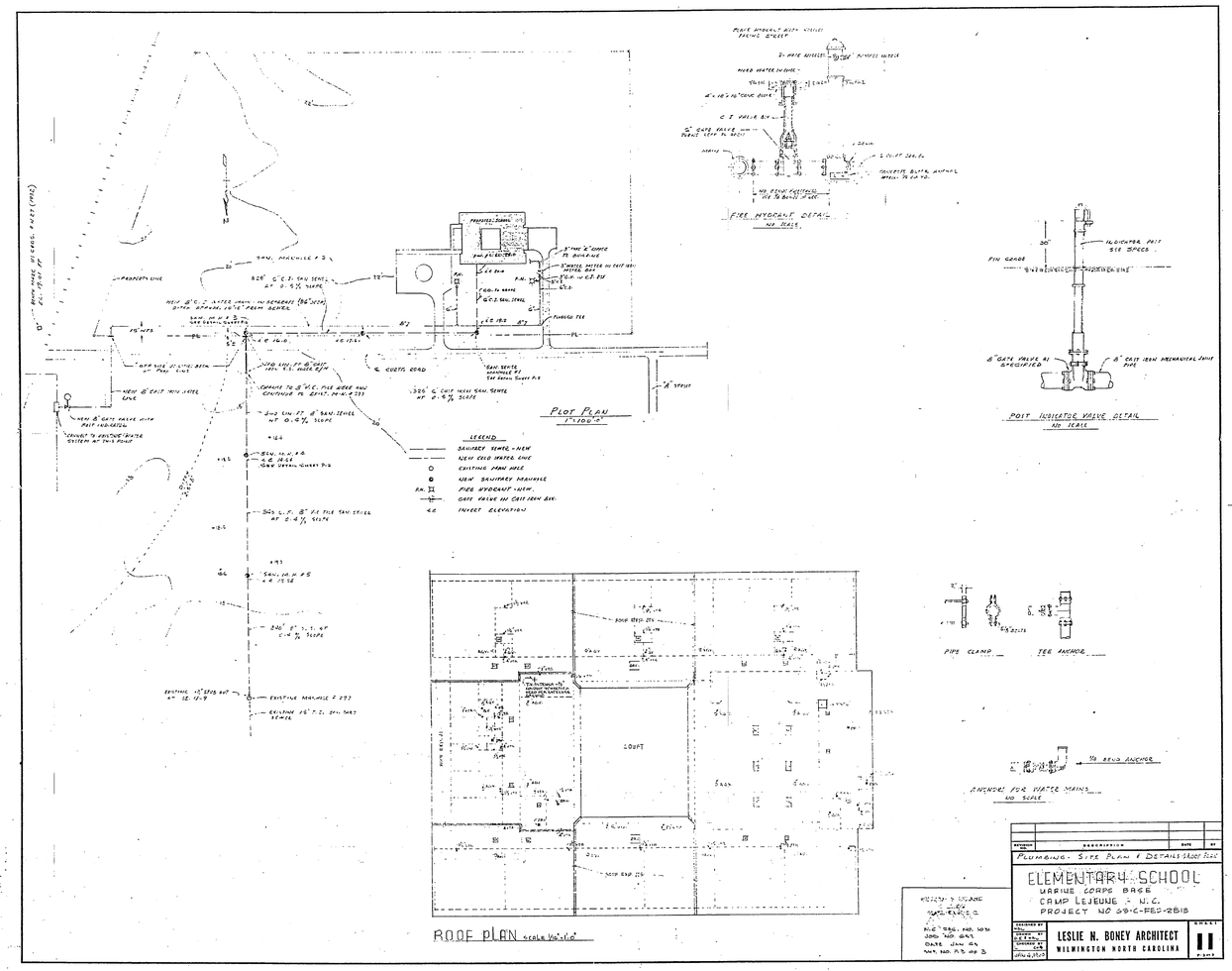
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 63-C-FED-2813

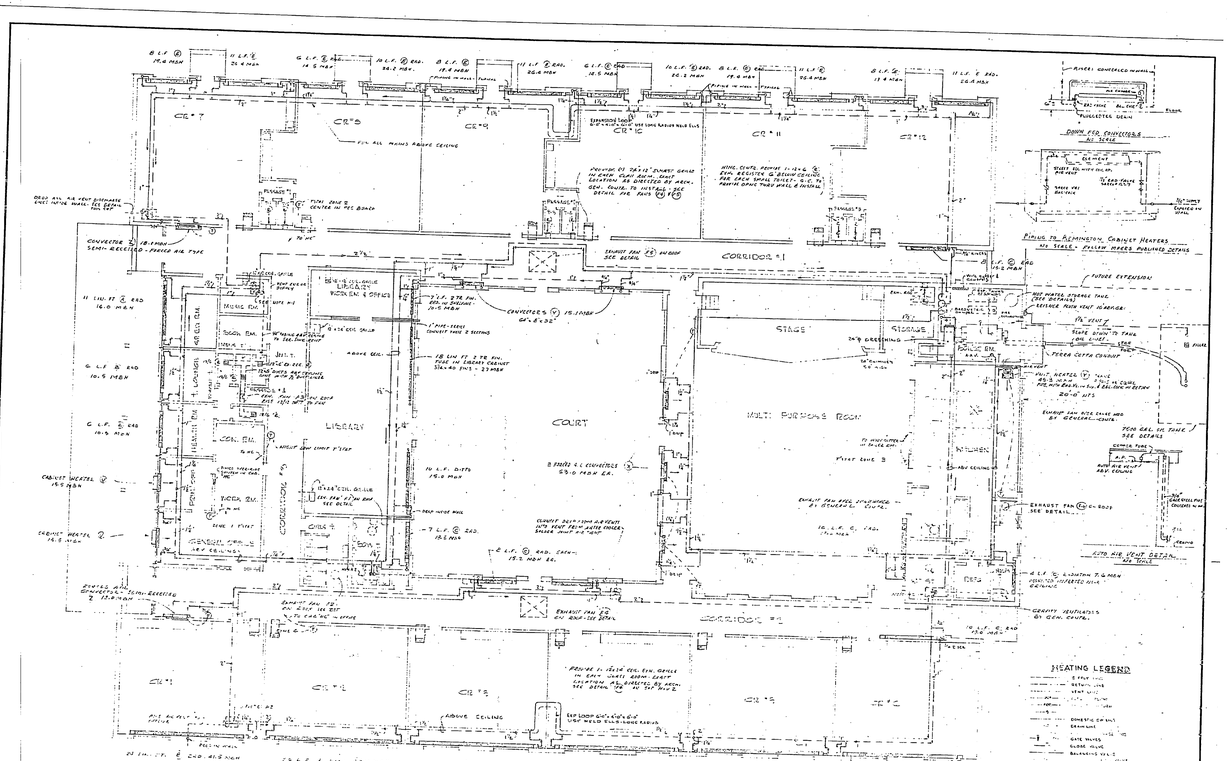
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

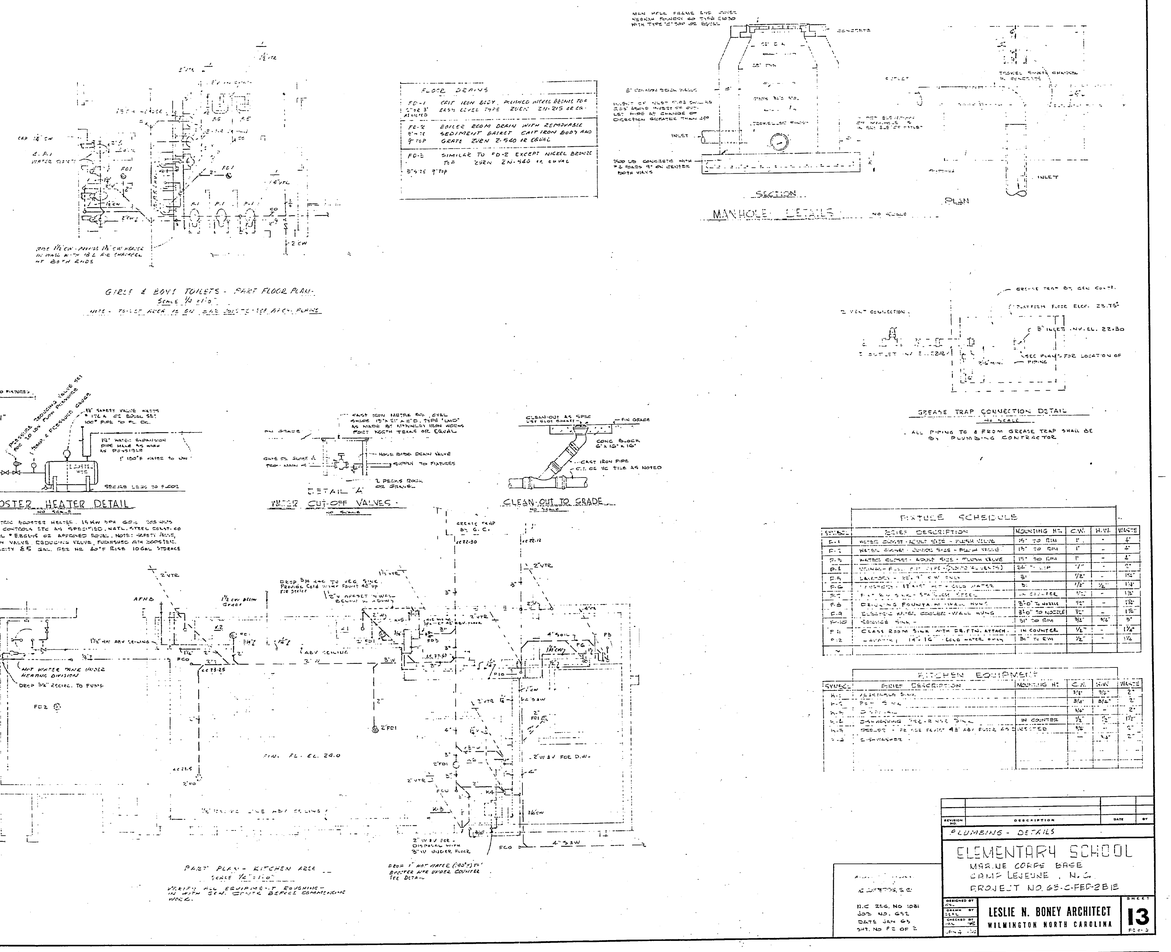
SHEET 9

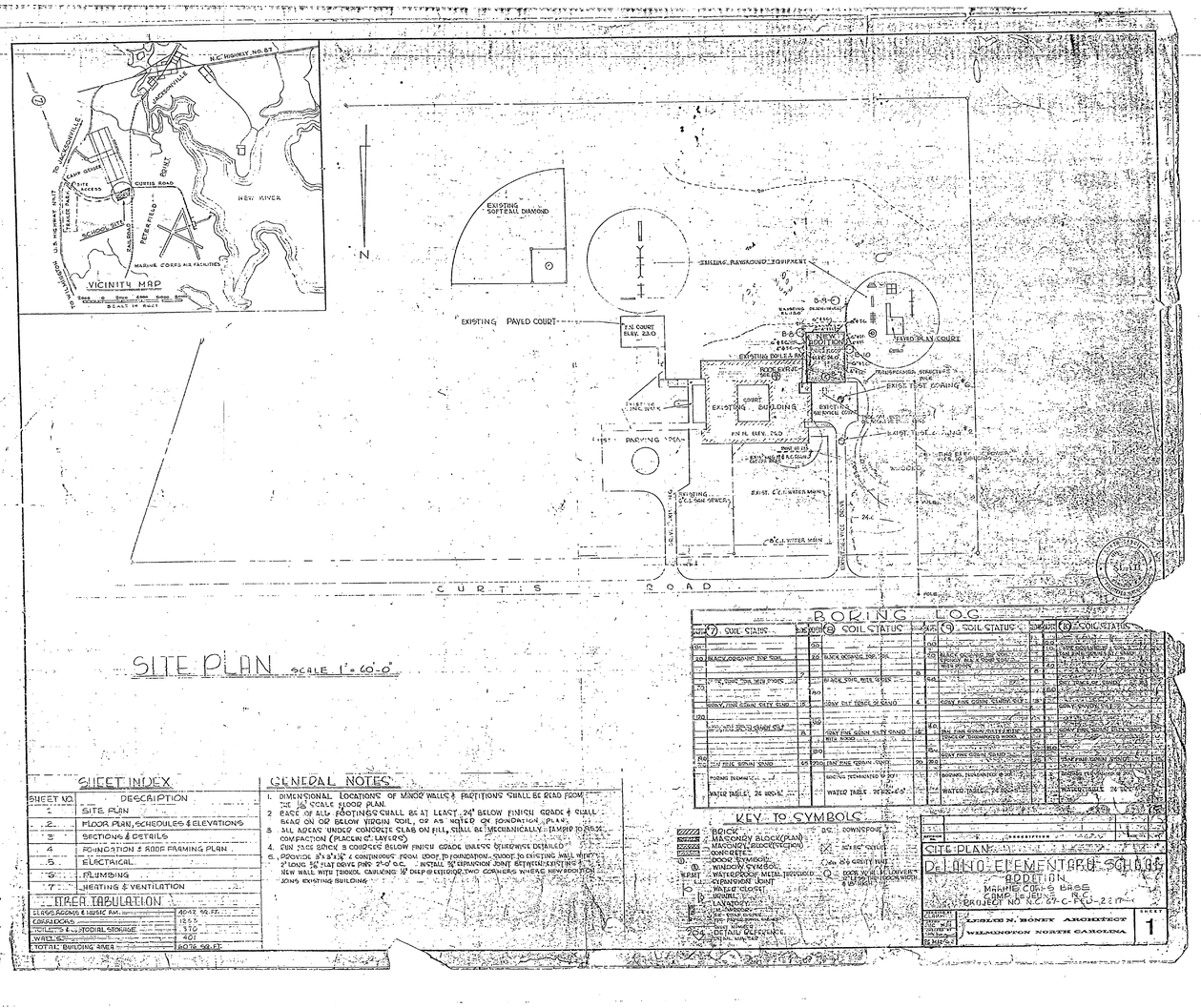
N.C. EES NO. 1058
JOB NO. 653
DATE JAN 65
SHT. NO. E 1 OF 5


C.R. 7
C.R. 8
C.R. 9
C.R. 10
C.R. 11
C.R. 12
CORRIDOR 1
STAGE
MUSIC RM.
LOUNGE
LIBRARY
COURT
KITCHEN
MULTI PURPOSE ROOM
HEALTH RM.
PERS. SER.
GENERAL OFFICES
CORRIDOR 2
C.R. 1
C.R. 2
C.R. 3
C.R. 4
C.R. 5
C.R. 6
FLOOR PLAN
PLUMBING LEGEND
PLUMBING - FLOOR PLAN
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 09-C-FED-2813
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
12


PLOT PLAN
1"=100'-0"
LEGEND
SANITARY SEWER - NEW
NEW COLD WATER LINE
EXISTING MAN HOLE
NEW SANITARY MANHOLE
FIRE HYDRANT - NEW.
GATE VALVE IN CAST IRON BOX
INVERT ELEVATION
FIRE HYDRANT DETAIL
NO SCALE
POST INDICATOR VALVE DETAIL
NO SCALE
ROOF PLAN
PIPE CLAMP
TEE ANCHOR
ANCHORS FOR WATER MAINS
NO SCALE
PLUMBING - SITE PLAN & DETAILS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 09-C-FED-2813
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
11


CORRIDOR #1
CORRIDOR #2
LIBRARY
COURT
MULTI-PURPOSE ROOM
STAGE
KITCHEN
CR #7
CR #8
CR #9
CR #10
CR #11
CR #12
CR #1
CR #2
CR #3
CR #4
CR #5
CR #6
HEATING LEGEND
FLOOR PLAN - HEATING & AIR CONDITIONING
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. 65-2-FEB-2815
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
SHEET 14


GIRLS & BOYS TOILETS - PART FLOOR PLAN.
MANHOLE DETAILS
SECTION
PLAN
GREASE TRAP CONNECTION DETAIL
BOOSTER HEATER DETAIL
DETAIL 'A'
WATER CUT-OFF VALVES
CLEAN-OUT TO GRADE
PART PLAN - KITCHEN AREA
PLUMBING - DETAILS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 65-2-FEB-2815
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
SHEET 13



SITE PLAN

SCALE 1" = 60'-0"

BORING LOG

(7) SOIL STATUS	(8) SOIL STATUS	(9) SOIL STATUS	(10) SOIL STATUS
10 MUCK, ORGANIC, SOFT SOIL	20 BLACK ORGANIC SOIL	10 BLACK ORGANIC SOIL	10
70 GRAY FINE SILTY SAND	80 GRAY SILTY FINE TO COARSE SAND	40 GRAY FINE SILTY SAND	40 GRAY FINE SILTY SAND
120 GRAY FINE SILTY CLAY	100	60 GRAY FINE SILTY SAND	60
150 GRAY FINE SILTY SAND	120 GRAY FINE SILTY SAND	80 GRAY FINE SILTY SAND	80 GRAY FINE SILTY SAND
WATER TABLE 24 MAR-66	WATER TABLE 26 MAR-66	WATER TABLE 24 MAR-66	WATER TABLE 24 MAR-66

SHEET INDEX

SHEET NO.	DESCRIPTION
1	SITE PLAN
2	FLOOR PLAN, SCHEDULES & ELEVATIONS
3	SECTIONS & DETAILS
4	FOUNDATION & ROOF FRAMING PLAN
5	ELECTRICAL
6	PLUMBING
7	HEATING & VENTILATION

AREA TABULATION

CLASSROOMS & MUSIC RM.	4042 SQ. FT.
CORRIDORS	1255
TOILETS & JANITORIAL STORAGE	370
WALLS	401
TOTAL BUILDING AREA	6076 SQ. FT.

GENERAL NOTES

1. DIMENSIONAL LOCATIONS OF MINOR WALLS & PARTITIONS SHALL BE READ FROM THE 1/4 SCALE FLOOR PLAN.
2. BASE OF ALL FOOTINGS SHALL BE AT LEAST 24" BELOW FINISH GRADE & SHALL BEAR ON OR BELOW VIRGIN SOIL, OR AS NOTED ON FOUNDATION PLAN.
3. ALL AREAS UNDER CONCRETE SLAB ON FILL SHALL BE MECHANICALLY TAMPED TO 95% COMPACTION (PLACING 6" LAYERS)
4. RUN TWO 6x6 - 6 CONDUCTS BELOW FINISH GRADE WHERE FUTURE EXTENSION OCCURS.
5. PROVIDE 8"x 8"x 1/4" x CONTINUOUS ANGLE FROM ROOF TO FOUNDATION. ANCHOR TO EXISTING WALL WITH 5/8" LONG 3/4" FLAT DRIVE PINS 2'-0" O.C. INSTALL 3/4" EXPANSION JOINT BETWEEN EXISTING & NEW WALL WITH TROWEL CAULKING 1/2" DEEP AT EXTERIOR TWO CORNERS WHERE NEW ADDITION JOINS EXISTING BUILDING

KEY TO SYMBOLS

BRICK; MASONRY BLOCK (PLAN); MASONRY BLOCK (ELEVATION); CONCRETE; DOOR SYMBOL; WINDOW SYMBOL; WATER PROOF METAL THRESHOLD; EXPANSION JOINT; WATER CLOSET; URINAL; LAVATORY; DOWNSPOUT; SCALE 3/4" = 1'-0"; DOOR W.C. & CLEVERACK & SPECIFICATIONS; DETAIL REFERENCE

SITE PLAN

DELONO ELEMENTARY SCHOOL
ADDITION
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. N.C. 67-C-FED-2813

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET 1

CIRCULATOR SCHEDULE

PUMP # (SYM.)	1	2	3	4	—
G.P.M.	154	17.5	15.4	28.6	
HEAD	18.5	21.5	11.5	21.5	
H.P.	3/4	1	1/6	1	
RPM	1150	1150	1150	1150	
MODEL	405-B	70-3B	174-W	70-5B	
MFG	BELL & GOSSETT OR EQUAL AS NOTED				

BOILER ROOM EQUIPMENT SCHEDULE

BOILER — KEWANEE # 76/150 OR EQUAL — 439 SQ. FT.
HTNG. SURFACE (.333 MBH INT. 537 MBH TABLE)
OIL THERMOST. CAPACITY 250 GAL. SET AT 95° F. SUCT. OIL PUMP MOTOR — GORDON — 1/2 HP — 1725 RPM — 115 V. 1 PH.
HOT WATER STORAGE TANK — 120"D. x 84" HIGH — 720.00 GAL.
EQUAL OR ALL ALUM.
ESTIMATED HEATING LOSS CALCULATIONS 1,427,000 BTUH
ALLOWANCE 4 AIR CHANGES PER HOUR 1,427,000 BTUH

EXHAUST FAN SCHEDULE

FAN NO.	CFM	S.P.	MOTOR H.P.	MOTOR R.P.M.	FAN R.P.M.	TIP SPEED	DRIVE	MFRS. & TYPE
F-1	315	1/8	1/8	1140	1150	1075	1/4" V-BELT	GREENES DZS-9A
F-2	315	1/8	1/8	1140	1150	1075	1/4" V-BELT	SAME
F-3	510	1/8	1/8	1140	1150	1611	1/4" V-BELT	GREENES DZ2-10A
F-4	1455	1/8	1/8	1140	1150	1611	1/4" V-BELT	GREENES LS-50B
F-5	4455	1/8	1/2	1140	1150	1611	1/4" V-BELT	GREENES LS-53A
F-6	810	1/8	1/8	1140	1150	1611	1/4" V-BELT	GREENES DZ2-12A

SPECIAL HEATING UNITS

(2) CABINET HEATER — MODEL K-15 (490 BTUH, FROM 180 GAL/H @ 215° F) — REMINGTON N.C. 28, COMPLETE AS SHOWN
(4) FORCED AIR CONVECTOR (FROM 180 GAL/H @ 215° F) SEMI-RECESSED 3 SPEED FAN CONTROL — RAM 1 SPEED SWITCH — RECESS BOTTOM SMALL TO FIT FAN SWITCH & CONTROLS
(5) CONVECTOR HEATING PER MANUFACTURER'S RECOMMENDATIONS FOR 180° F. WATER
(6) CONVECTOR — HEATING PER MANUFACTURER'S RECOMMENDATIONS FOR 180° F. WATER
(7) FORCED AIR CONVECTOR, TRANE F-100-B SEMI-RECESSED 3 SPEED SWITCH (FROM 870 GAL/H @ 215° F) — HEATING OUTLET, COOLER INLET.

FIXTURE SCHEDULE

SYMBOL	NO. OF FIX.	NO. OF FIX.	EXHAUST TYPE	WASTE	VENT	AIR CHARGE
A	1	1		1 1/2	1 1/4	
B	2	2		3	2	
C	2	2		3	2	
D	3	3		3	2	
E	3	3		3	2	
F	1	1		1 1/2	1 1/4	

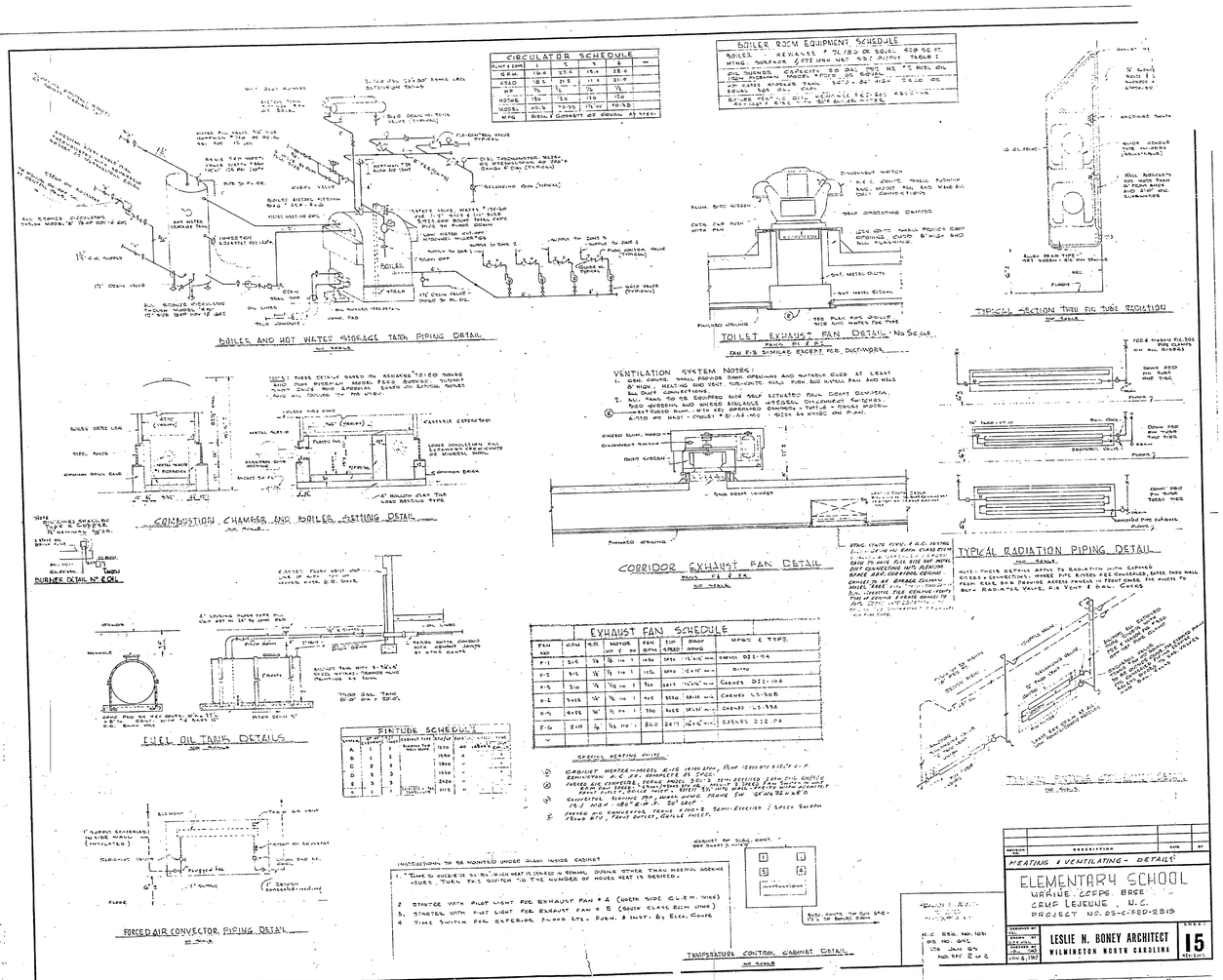
HEATING & VENTILATING - DETAILS

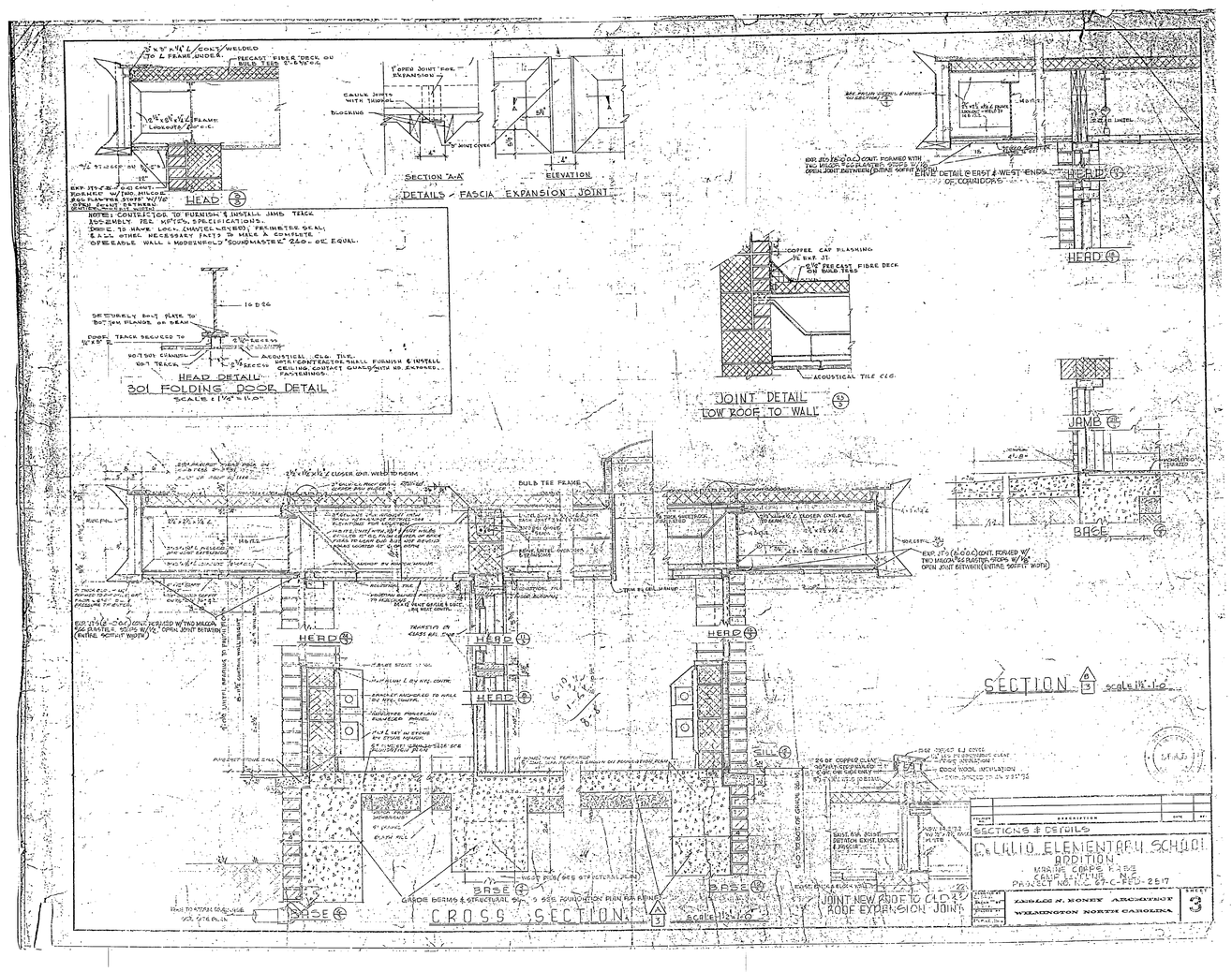
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. 05-C-FED-2813

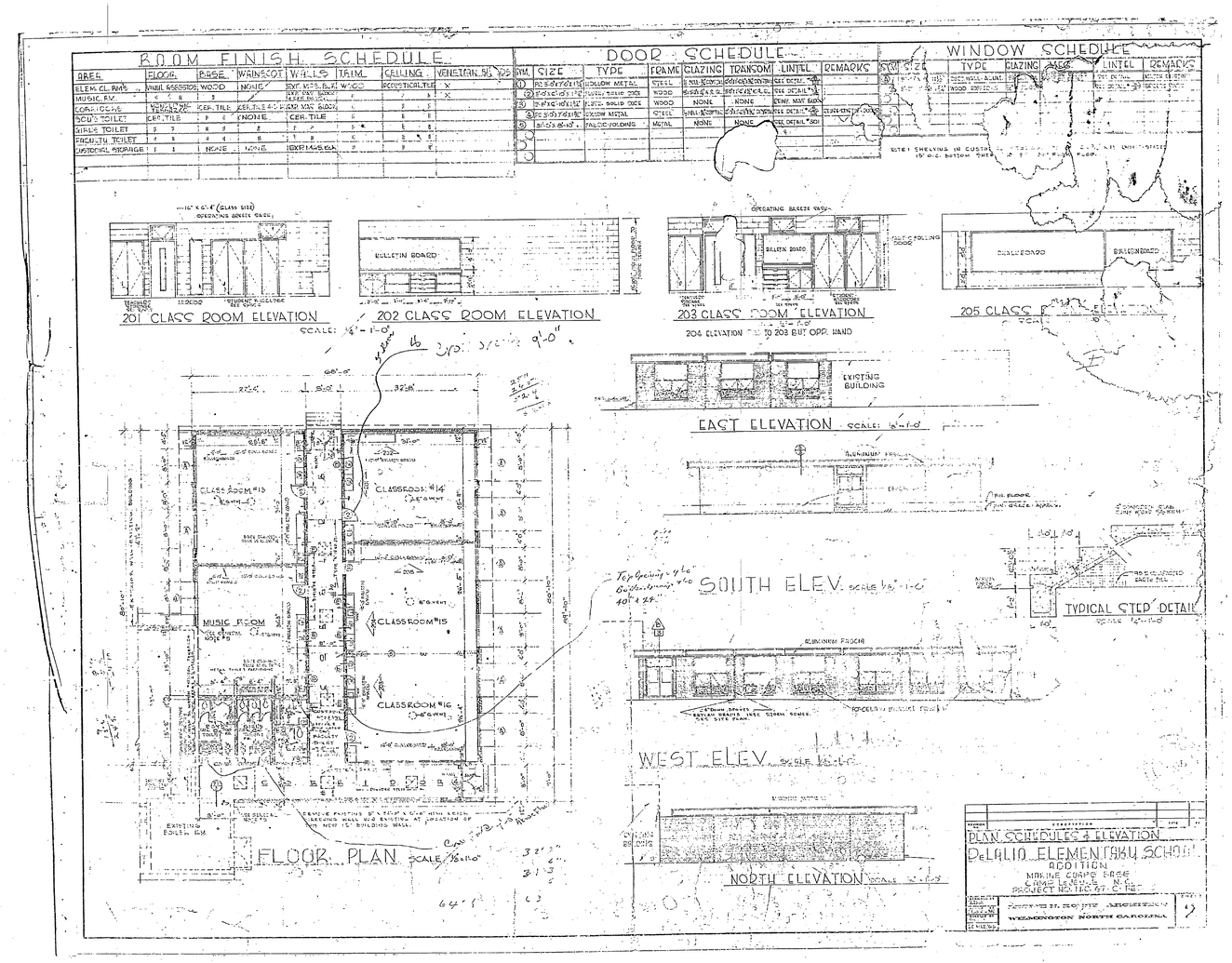
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

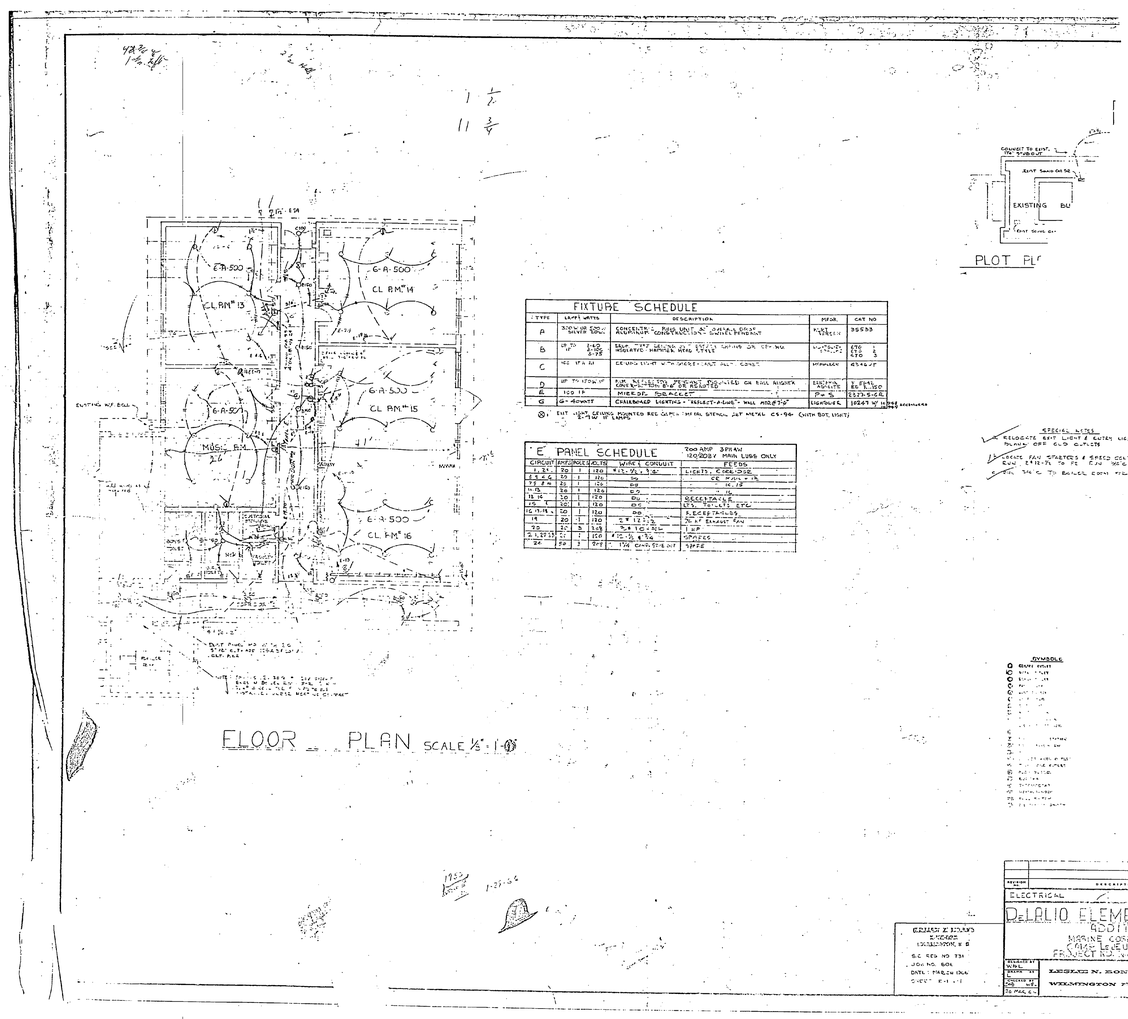
SHEET 15

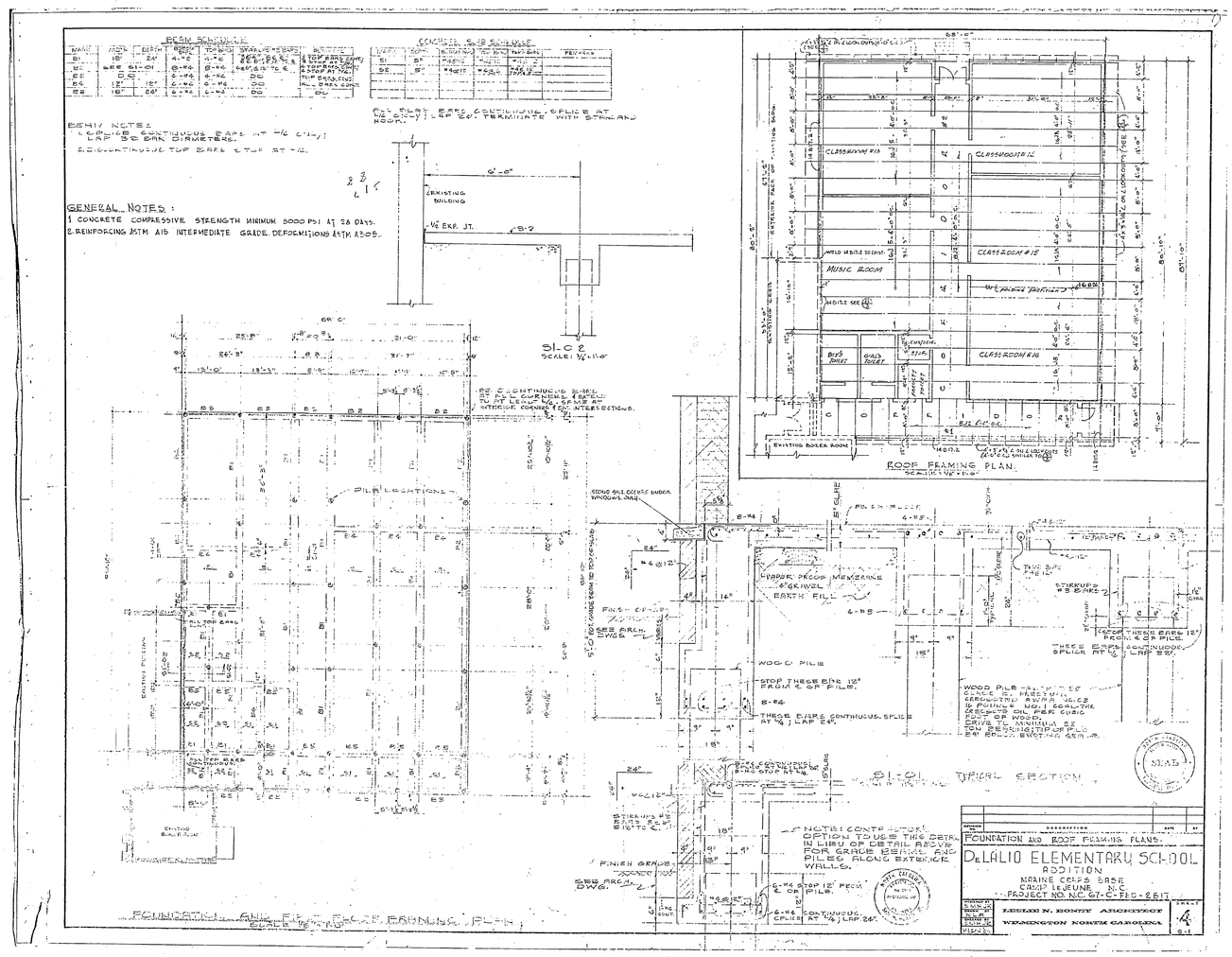
N.C. GEN. NO. 1051
SQ. NO. 641
STR. JAN 69
NO. KEY 2 of 2

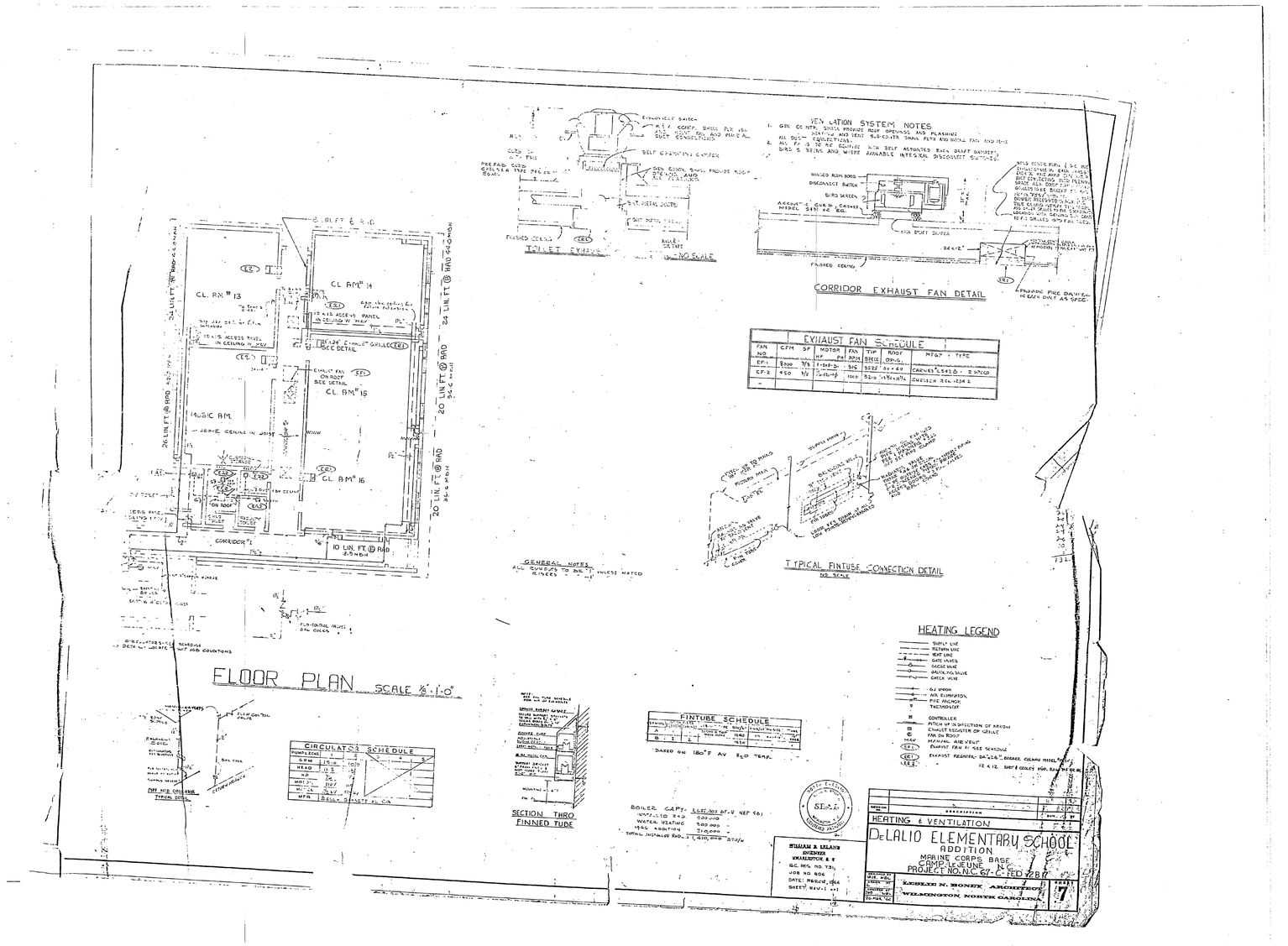


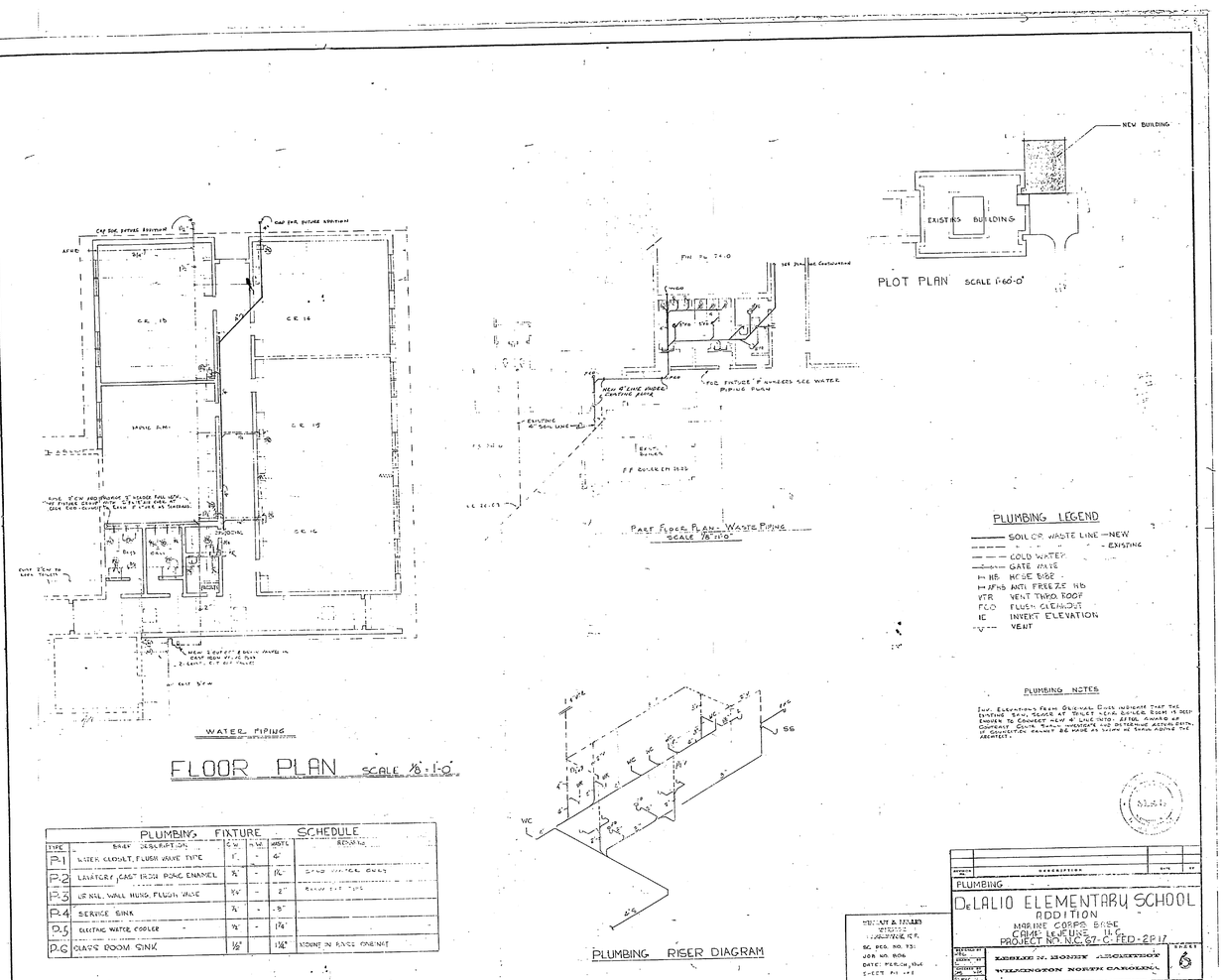

DETAILS - FASCIA EXPANSION JOINT
SECTION "A-A"
ELEVATION
HEAD
301 FOLDING DOOR DETAIL
JOINT DETAIL
LOW ROOF TO WALL
JAMB
BASE
SECTION
CROSS SECTION
JOINT NEW ROOF TO OLD ROOF EXPANSION JOINT
SECTIONS & DETAILS
DeLALIO ELEMENTARY SCHOOL
ADDITION
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. N.C. 67-C-FED-2517
LESLIE N. HONEY ARCHITECT
WILMINGTON NORTH CAROLINA
3

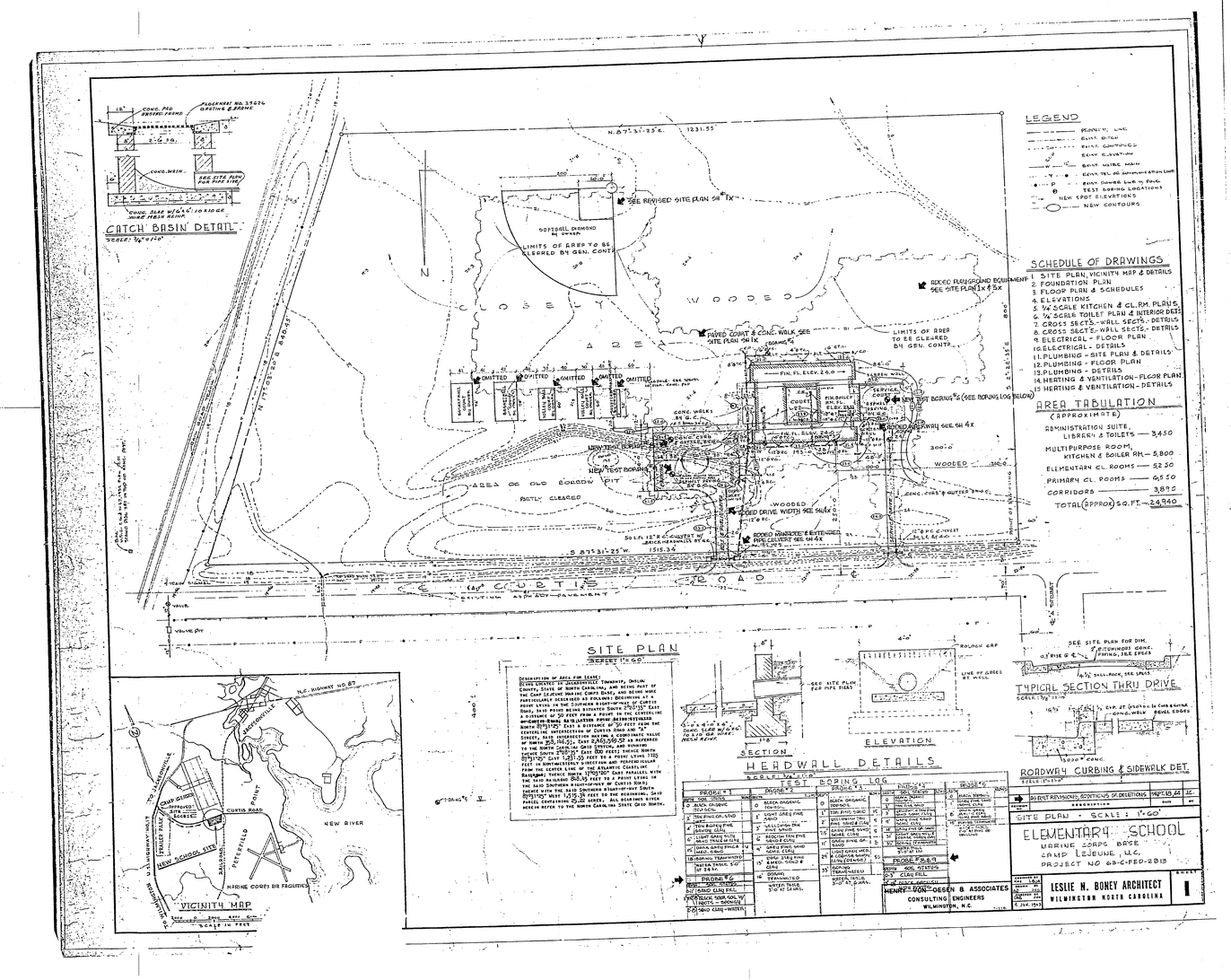

ROOM FINISH SCHEDULE
DOOR SCHEDULE
WINDOW SCHEDULE
201 CLASS ROOM ELEVATION
202 CLASS ROOM ELEVATION
203 CLASS ROOM ELEVATION
204 ELEVATION TO 203 BUT OPP. HAND
205 CLASS ROOM ELEVATION
EAST ELEVATION
SOUTH ELEV.
WEST ELEV.
NORTH ELEVATION
TYPICAL STEP DETAIL
FLOOR PLAN
MUSIC ROOM
CLASSROOM #13
CLASSROOM #14
CLASSROOM #15
CLASSROOM #16
EXISTING BUILDING
PLAN SCHEDULES & ELEVATION
DeLALIO ELEMENTARY SCHOOL
ADDITION
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. N.C. 67-C-FED-2517
WILMINGTON NORTH CAROLINA
2

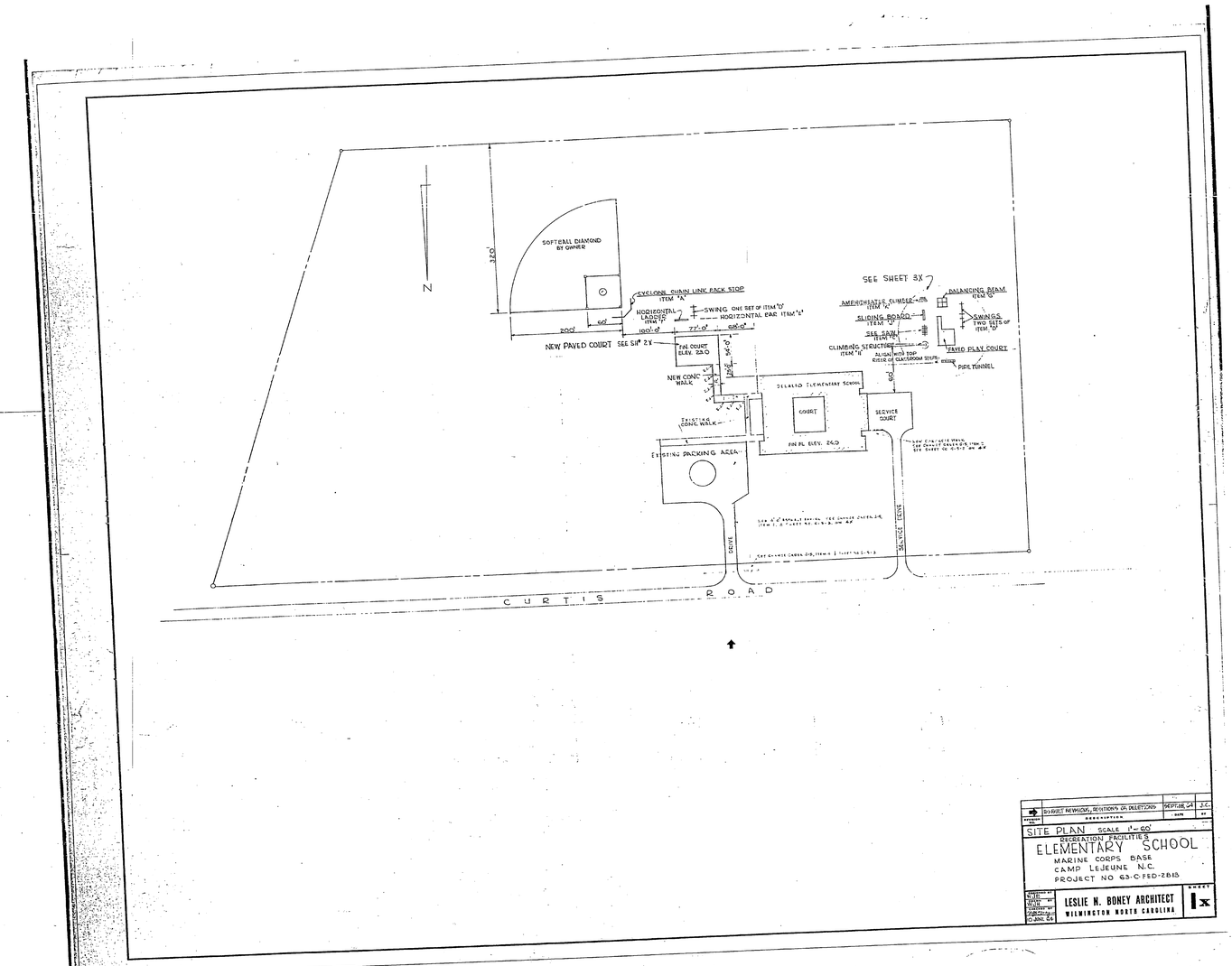

G-A-500
CL RM# 13
CL RM# 14
CL RM# 15
CL RM# 16
MOBILE #14
EXISTING M/F BDG.
EXISTING BUILDING
EXIST. SAND OIL SEP.
EXIST. SEWER LINE
EXISTING BU
PLOT PL
FIXTURE SCHEDULE
TYPE
LAMP WATTS
DESCRIPTION
MFGR.
CAT NO
DESCRIPTION
MFGR.
CAT NO
'E' PANEL SCHEDULE
700 AMP 3PHAW
120/208Y MAIN LUGS ONLY
CIRCUIT
AMP
POLE
WIRE & CONDUIT
FEEDS
SPECIAL NOTES
1. RELOCATE EXIT LIGHT & OUTER LIGHT TO END OF NEW CORRIDOR. REMOVE OPP. EXIT LIGHT.
2. CREATE NEW STARTERS & SPEED CONTROL SWS IN NEW CLASSROOMS. CONNECT TO PE CKT NOS 6 & 12 IN PANEL 'E'.
3. PROVIDE 3/4" C. TO ROOF FOR ROOF MOUNTED ANTENNA. COORDINATE WITH ROOFING CONTRACTOR.
SYMBOLS
ELECTRICAL
DELALIO ELEMENTARY SCHOOL
ADDITION
MARINE CORPS BASE
CAMP LEJEUNE N.C.
PROJECT NO. N.C. 67-C-FED-2817
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
SHEET 5
FLOOR PLAN SCALE 1/8" = 1'-0"

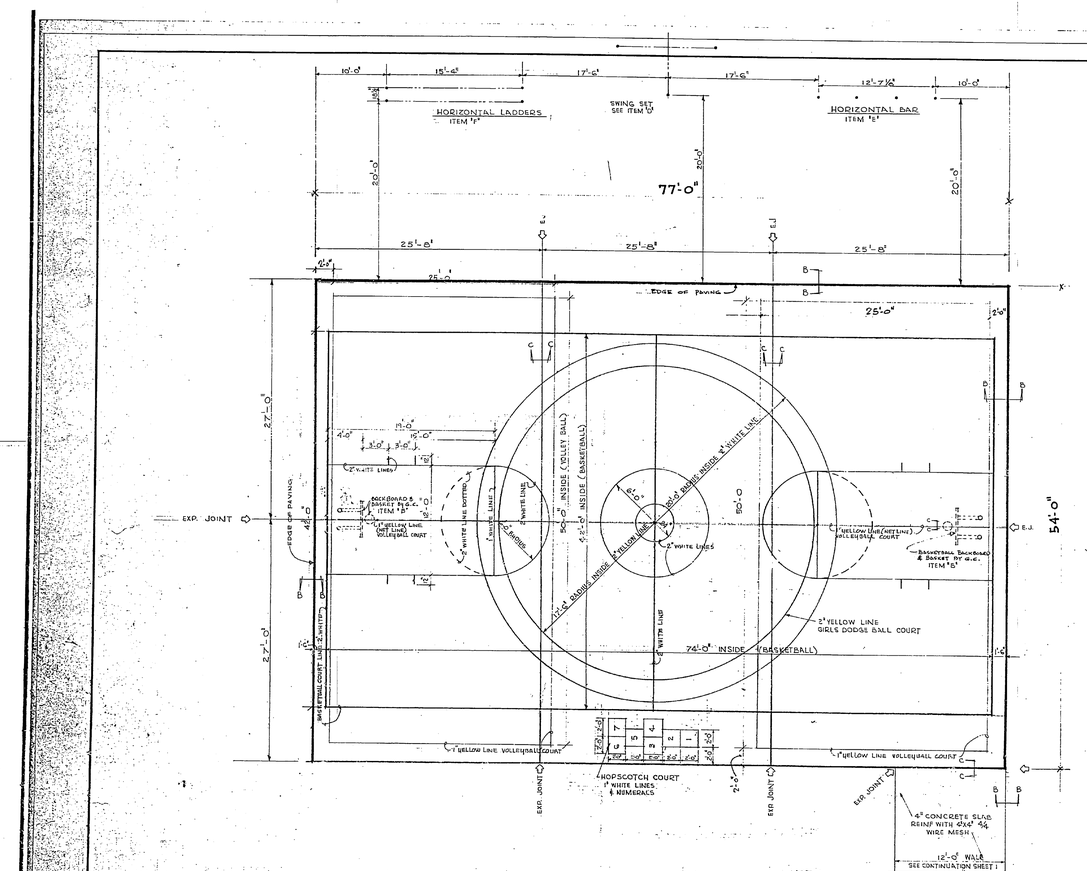

PIER SCHEDULE
CONCRETE CAP SCHEDULE
GENERAL NOTES:
1 CONCRETE COMPRESSIVE STRENGTH MINIMUM 3000 PSI AT 28 DAYS.
2. REINFORCING ASTM A15 INTERMEDIATE GRADE. DEFORMATIONS ASTM A305.
EXISTING BUILDING
1/2 EXP. JT.
S1-C 2
SCALE: 1/4"=1'-0"
CLASSROOM #15
CLASSROOM #16
MUSIC ROOM
EXISTING BOILER ROOM
ROOF FRAMING PLAN
SCALE: 1/8"=1'-0"
PILE LOCATIONS
UNDER SLAB ACCESS UNDER WINDOWS ONLY
UPPER PROOF MEMBRANE
EARTH FILL
WOOD PILE
STOP THESE BARS 12" FROM C OF PILE.
THESE BARS CONTINUOUS SPLICE AT 1/4 L LAP 24".
STIRRUPS #3 @ PIER 2
WOOD PILE NOTES
S1-C1 TYPICAL SECTION
FOUNDATION AND ROOF FRAMING PLANS
DELALIO ELEMENTARY SCHOOL
ADDITION
MARINE CORPS BASE
CAMP LEJEUNE N.C.
PROJECT NO. N.C. 67-C-FED-2817
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
SHEET 4


VENTILATION SYSTEM NOTES
1. GEN CONTR. SHALL PROVIDE ROOF OPENINGS AND FLASHING
2. ALL EF-1 TO BE EQUIPPED WITH BELT ACTUATED BACK DRAFT DAMPERS
TOILET EXHAUST
CORRIDOR EXHAUST FAN DETAIL
EXHAUST FAN SCHEDULE
TYPICAL FINTUBE CONNECTION DETAIL
GENERAL NOTES
HEATING LEGEND
FLOOR PLAN SCALE 1/8"-1'-0"
CIRCULATOR SCHEDULE
FINTUBE SCHEDULE
SECTION THRO FINNED TUBE
HEATING & VENTILATION
DeLALIO ELEMENTARY SCHOOL
ADDITION
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. N.C. 67-C-FED-2817
LESLIE N. BONEY ASSOCIATES
WILMINGTON NORTH CAROLINA


WATER PIPING
FLOOR PLAN SCALE 1/8"-1'-0"
PLUMBING FIXTURE SCHEDULE
PLOT PLAN SCALE 1"=60'-0"
PART FLOOR PLAN - WASTE PIPING SCALE 1/8"=1'0"
PLUMBING RISER DIAGRAM
PLUMBING LEGEND
PLUMBING NOTES
PLUMBING
DeLALIO ELEMENTARY SCHOOL
ADDITION
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. N.C. 67-C-FED-2817
LESLIE N. BONEY ASSOCIATES
WILMINGTON NORTH CAROLINA


CATCH BASIN DETAIL
SCALE: 3/4"=1'-0"
LEGEND
SCHEDULE OF DRAWINGS
1 SITE PLAN, VICINITY MAP & DETAILS
2 FOUNDATION PLAN
3 FLOOR PLAN & SCHEDULES
4 ELEVATIONS
5 1/4" SCALE KITCHEN & CL. RM. PLANS
6 1/4" SCALE TOILET PLAN & INTERIOR DETS
7 CROSS SECTS.-WALL SECTS.-DETAILS
8 CROSS SECTS.-WALL SECTS.-DETAILS
9 ELECTRICAL - FLOOR PLAN
10 ELECTRICAL - DETAILS
11 PLUMBING - SITE PLAN & DETAILS
12 PLUMBING - FLOOR PLAN
13 PLUMBING - DETAILS
14 HEATING & VENTILATION - FLOOR PLAN
15 HEATING & VENTILATION - DETAILS
AREA TABULATION
(APPROXIMATE)
ADMINISTRATION SUITE, LIBRARY & TOILETS — 3,450
MULTIPURPOSE ROOM, KITCHEN & BOILER RM — 5,800
ELEMENTARY CL. ROOMS — 5250
PRIMARY CL. ROOMS — 6550
CORRIDORS — 3,890
TOTAL (APPROX) SQ. FT. — 24,940
SITE PLAN
SCALE 1"=60'
VICINITY MAP
SCALE IN FEET
TYPICAL SECTION THRU DRIVE
ROADWAY CURBING & SIDEWALK DET.
SECTION
ELEVATION
HEADWALL DETAILS
TEST BORING LOG
CURTIS ROAD
NEW SCHOOL SITE
NEW RIVER
MARINE CORPS AIR FACILITIES
SOFTBALL DIAMOND BY OWNER
LIMITS OF AREA TO BE CLEARED BY GEN. CONTR.
AREA OF OLD BORROW PIT PARTLY CLEARED
WOODED
SEE REVISED SITE PLAN 5B "X
SEE SITE PLAN 1x & 5x
PAVED COURT & CONC. WALK SEE SITE PLAN 5H "X
SEE TEST BORING "B" (SEE BORING LOG BELOW)
WOODED RUNWAY SEE SH 4x
WOODED DRIVE WIDTH SEE SH 4x
ROADWAY CURBING & SIDEWALK DET. SEE SH 4x
SEE SITE PLAN FOR DIM. & DOWNSPOUT CONC. FITTING, SEE SPECS
SEE SITE PLAN FOR PIPE SIZES
ROADWAY GRP
LINE OF CURBS BY WIDTH
SEE SHEET 4x FOR ADDITIONAL DETAILS
HENRY VON OESEN & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, N.C.
SITE PLAN · SCALE : 1"=60'
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 63-C-FED-2813
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
1


SOFTBALL DIAMOND BY OWNER
CYCLONE CHAIN LINK BACK STOP ITEM "A"
HORIZONTAL LADDER ITEM "F"
SWING ONE SET OF ITEM "D" HORIZONTAL BAR ITEM "E"
NEW PAVED COURT SEE SH 2X
TAN COURT ELEV. 23.0
NEW CONC WALK
EXISTING CONC WALK
DELAHAY ELEMENTARY SCHOOL
COURT
SERVICE COURT
FIN FL ELEV. 24.0
EXISTING PARKING AREA
SEE SHEET 8X
AMERICHAIR 5 CLIMBER ITEM "C"
SLIDING BOARD ITEM "J"
SEE SAW ITEM "K"
CLIMBING STRUCTURE ITEM "H"
BALANCING BEAM ITEM "G"
SWINGS TWO SETS OF ITEM "D"
PAVED PLAY COURT
PIPE TUNNEL
ALSO WITH TOP RUNG OF CLASSROOM STEPS
CURTIS ROAD
SITE PLAN · SCALE 1"=60'
RECREATION FACILITIES
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE N.C.
PROJECT NO 63-C-FED-2813
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
1x



NOTE:
EXP JOINT SHALL BE ½" FLEXCELL TYPE

PLAN OUTDOOR PLAY COURT SCALE 1/16"=1'-0"
SEE SITE PLAN FOR LOCATION

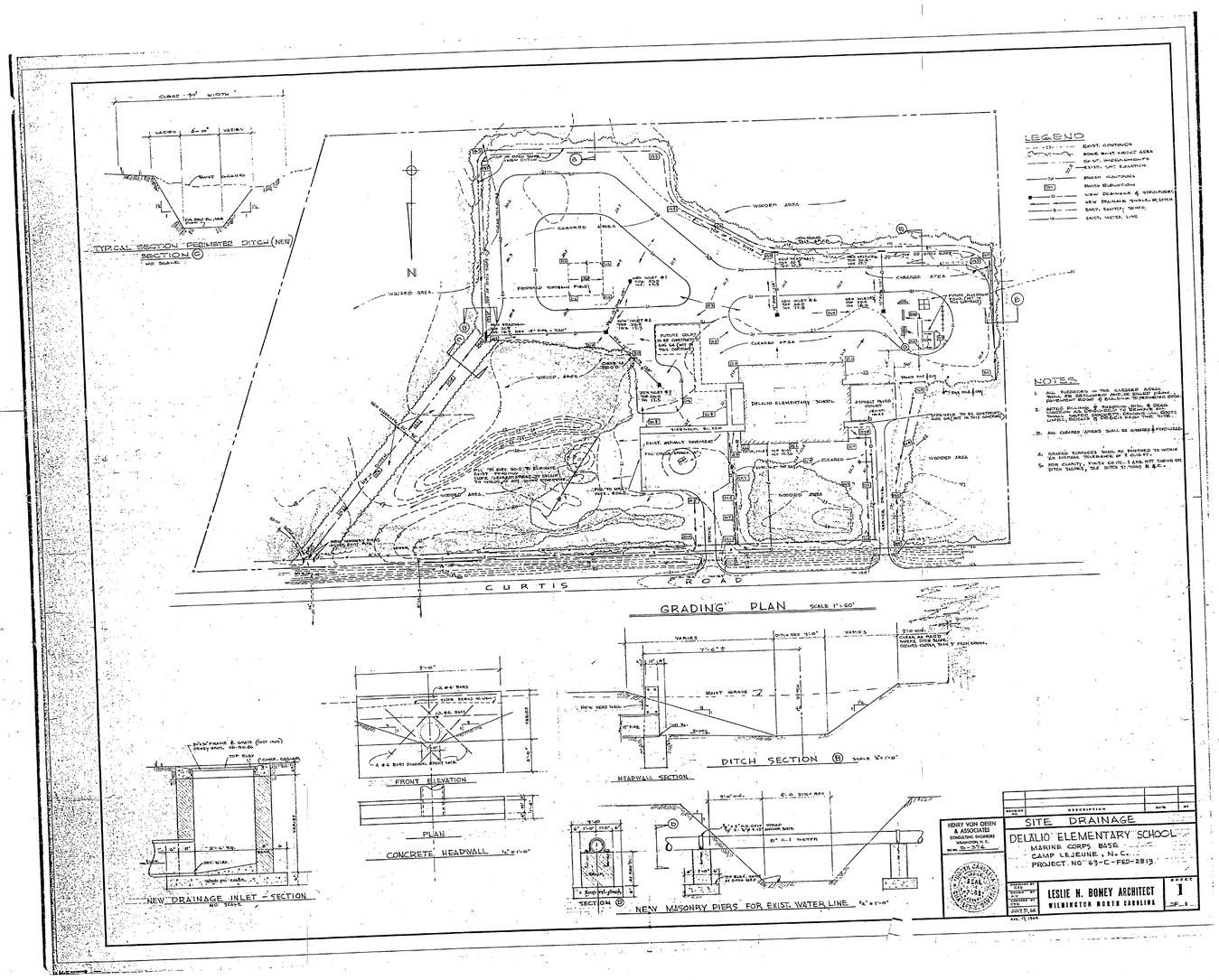
R-2	REARRANGE PAINTED LINES, SHOES	10 JUNE 64	WJB
R-1	REVISED ADD DODGE BALL ETC	6 MAY 64	WJB
REVISION NO.	DESCRIPTION	DATE	BY

COURT LAYOUT & DETAILS

RECREATION - FACILITIES
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. 63-C-FED-2813

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET 2x

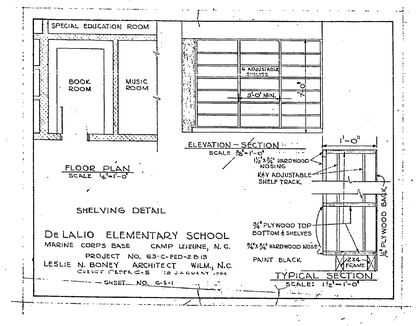


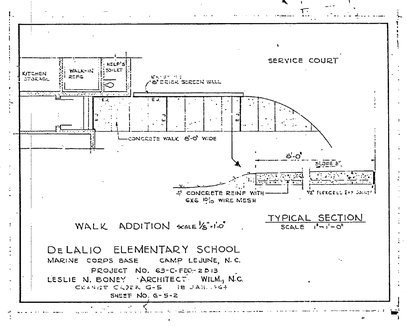
SITE DRAINAGE
DELALIO ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. 63-C-FED-2813

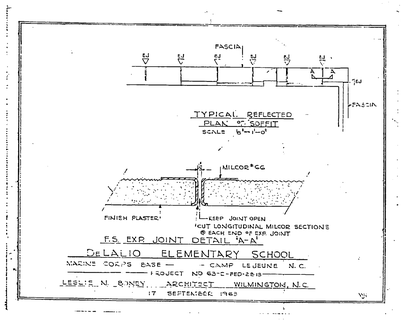
HENRY VON OESEN & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, N.C.

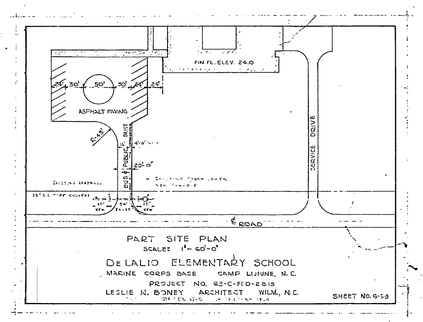
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET 1 OF 4









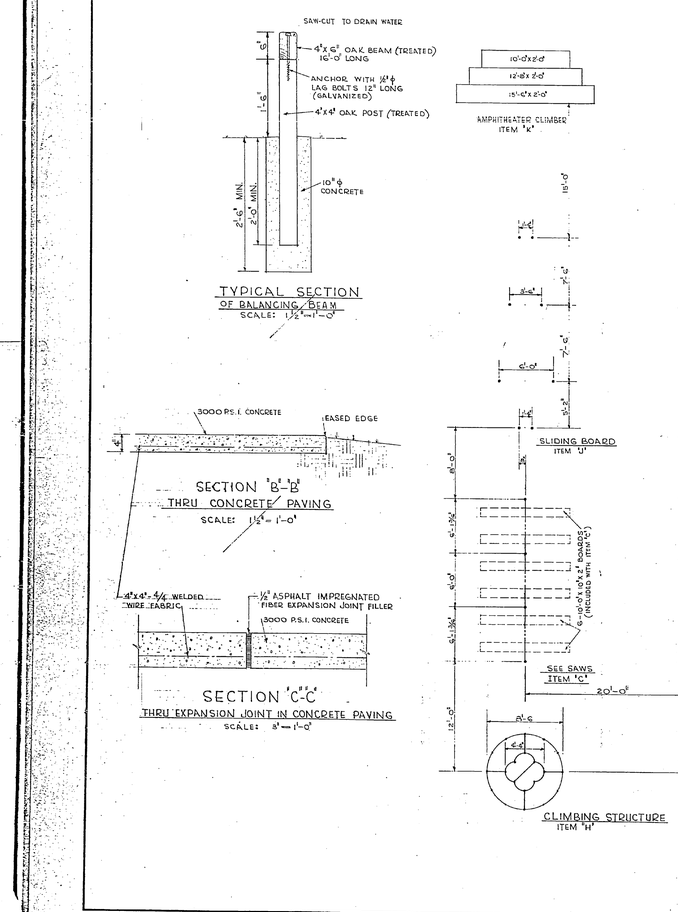
1	61 REVISIONS, ADDITIONS OF DELETIONS	SEPT 17, 65
NO.	DESCRIPTION	DATE BY

SITE PLAN & SHELVING ADDITION
RECREATION FACILITY
ELEMENTARY SCHOOL
MARINE CORP BASE
CAMP LEJEUNE, N.C.
PROJECT NO. 63-C-FED-2B13

DESIGNED BY: LNB
DRAWN BY: WEB
CHECKED BY: LNB
APPROVED BY:
DATE: 15 JAN. 65

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET NO. 4x



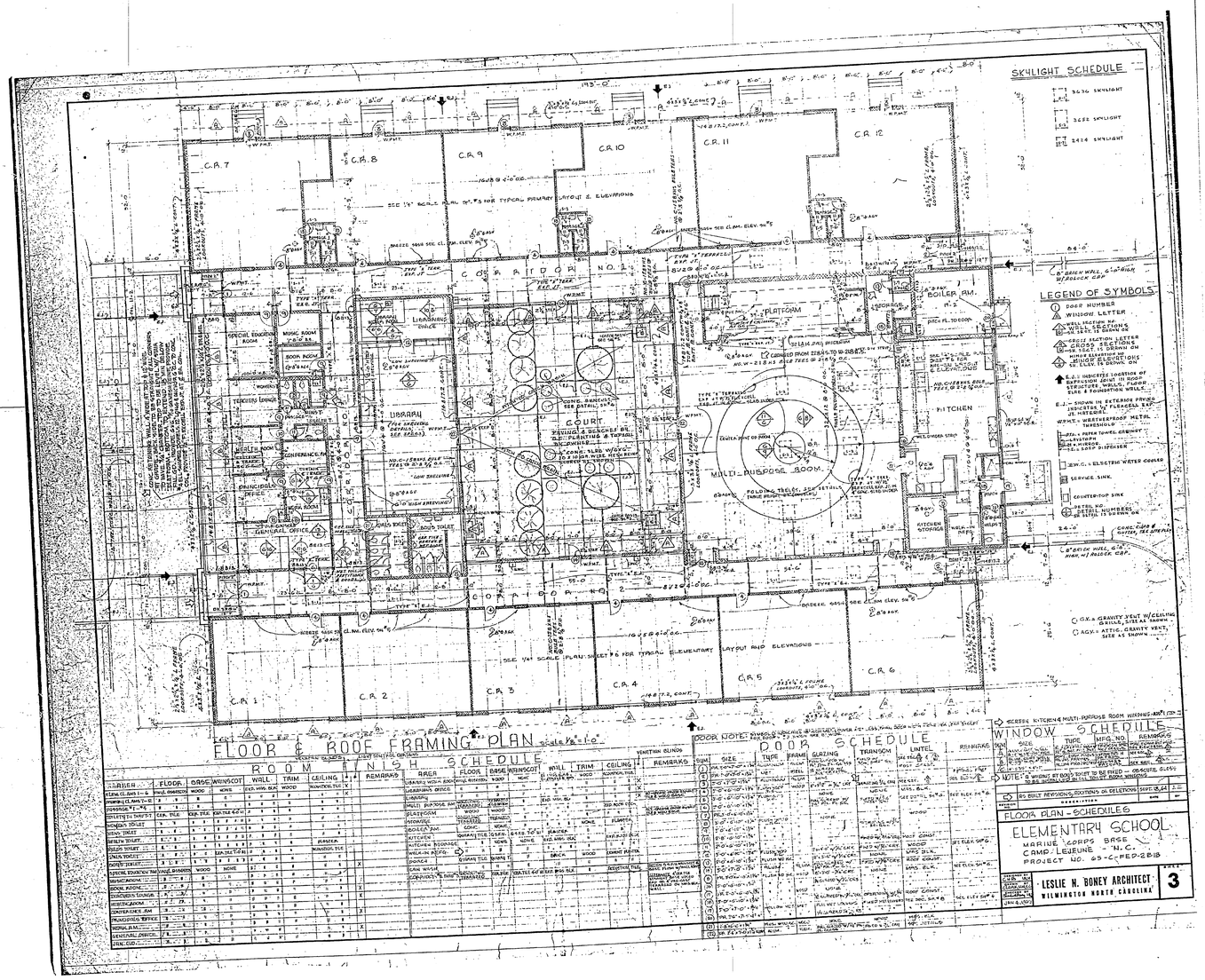
1	REARRANGE PLAY EQUIPMENT	10 JULY 66
NO.	DESCRIPTION	DATE BY

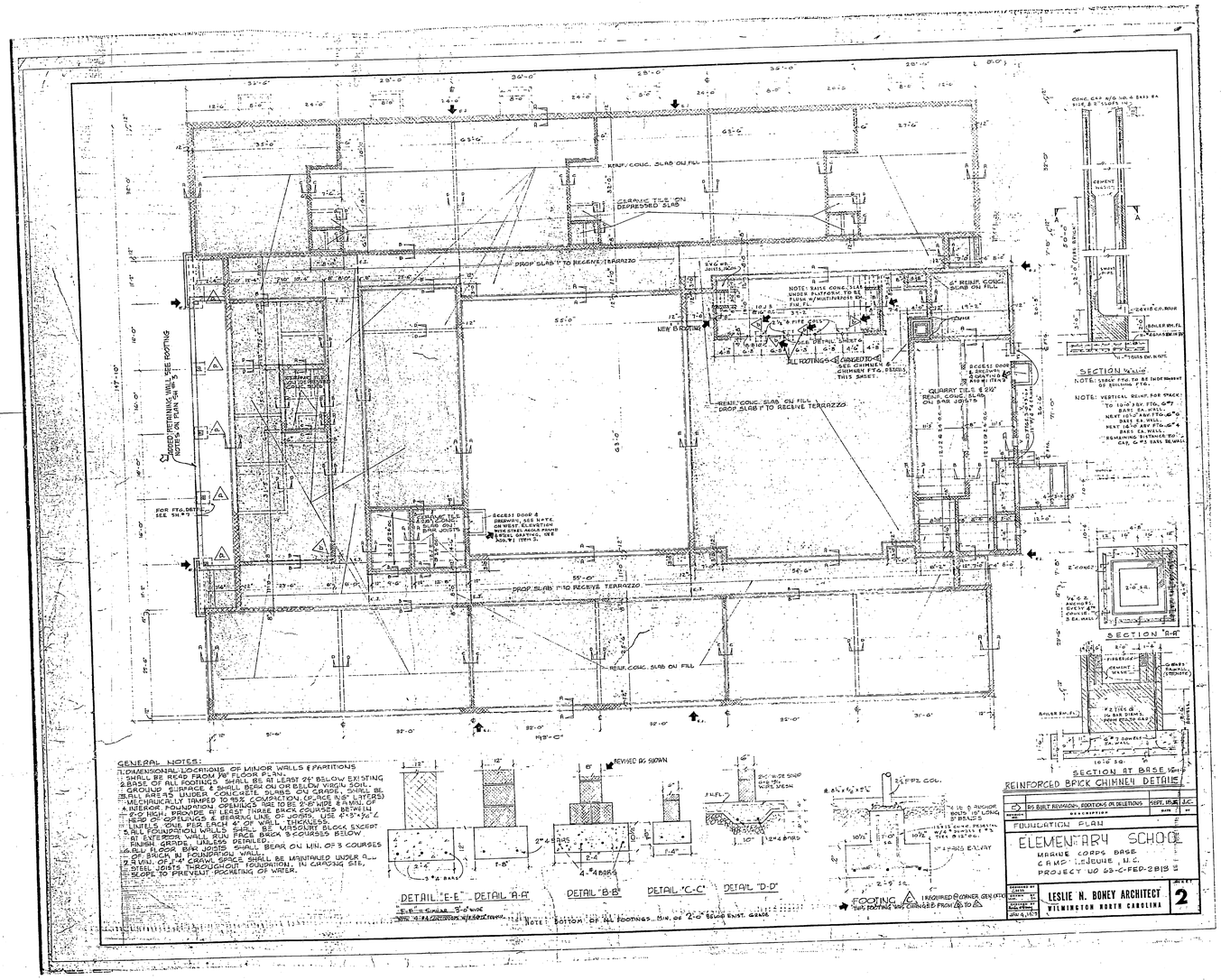
RECREATION EQUIPMENT LAYOUT
RECREATION FACILITIES
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. 63-C-FED-2 B13

DESIGNED BY: WEB
DRAWN BY: WEB
CHECKED BY: LNB
APPROVED BY:
DATE: 6 MAY 66

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

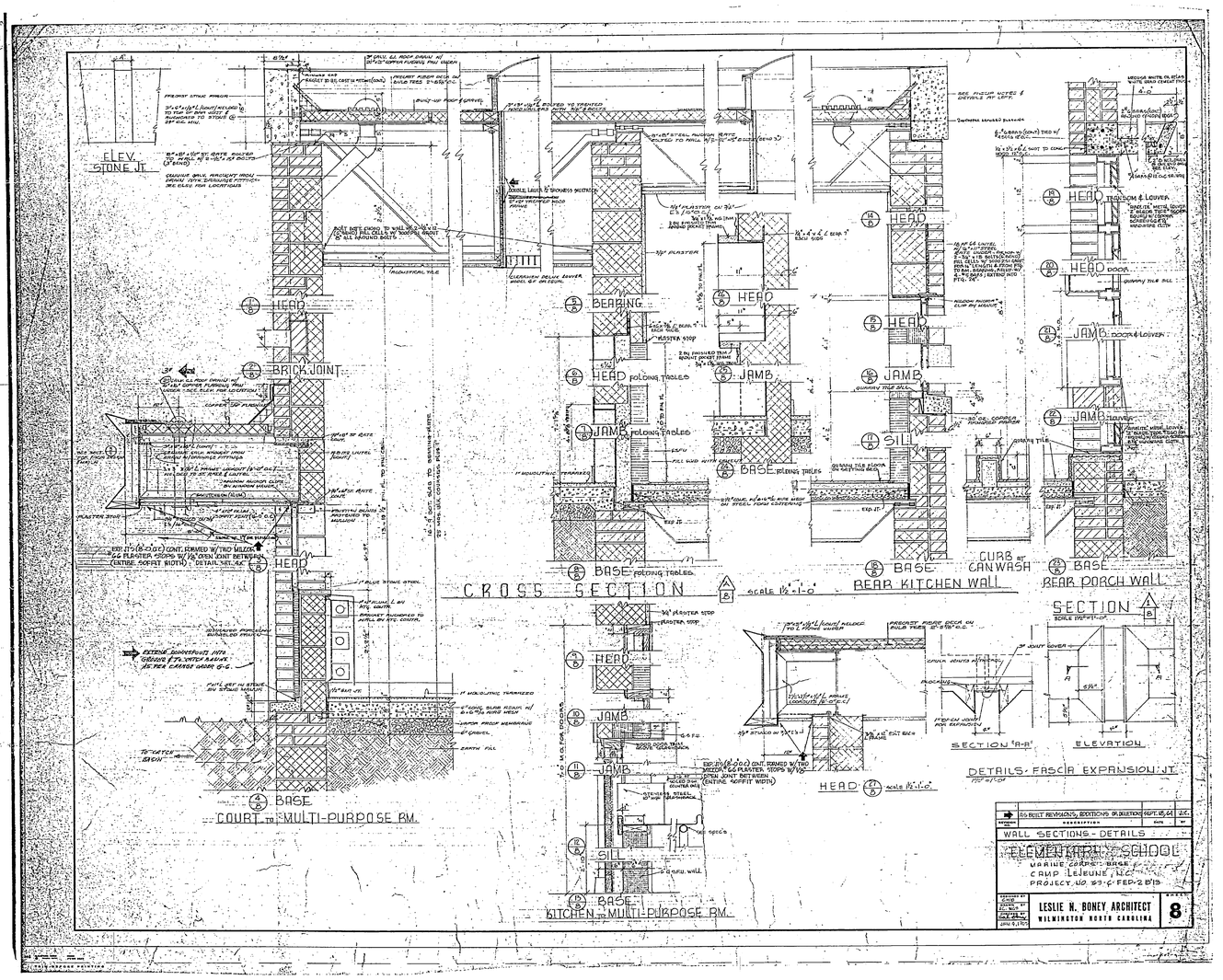
SHEET NO. 3x

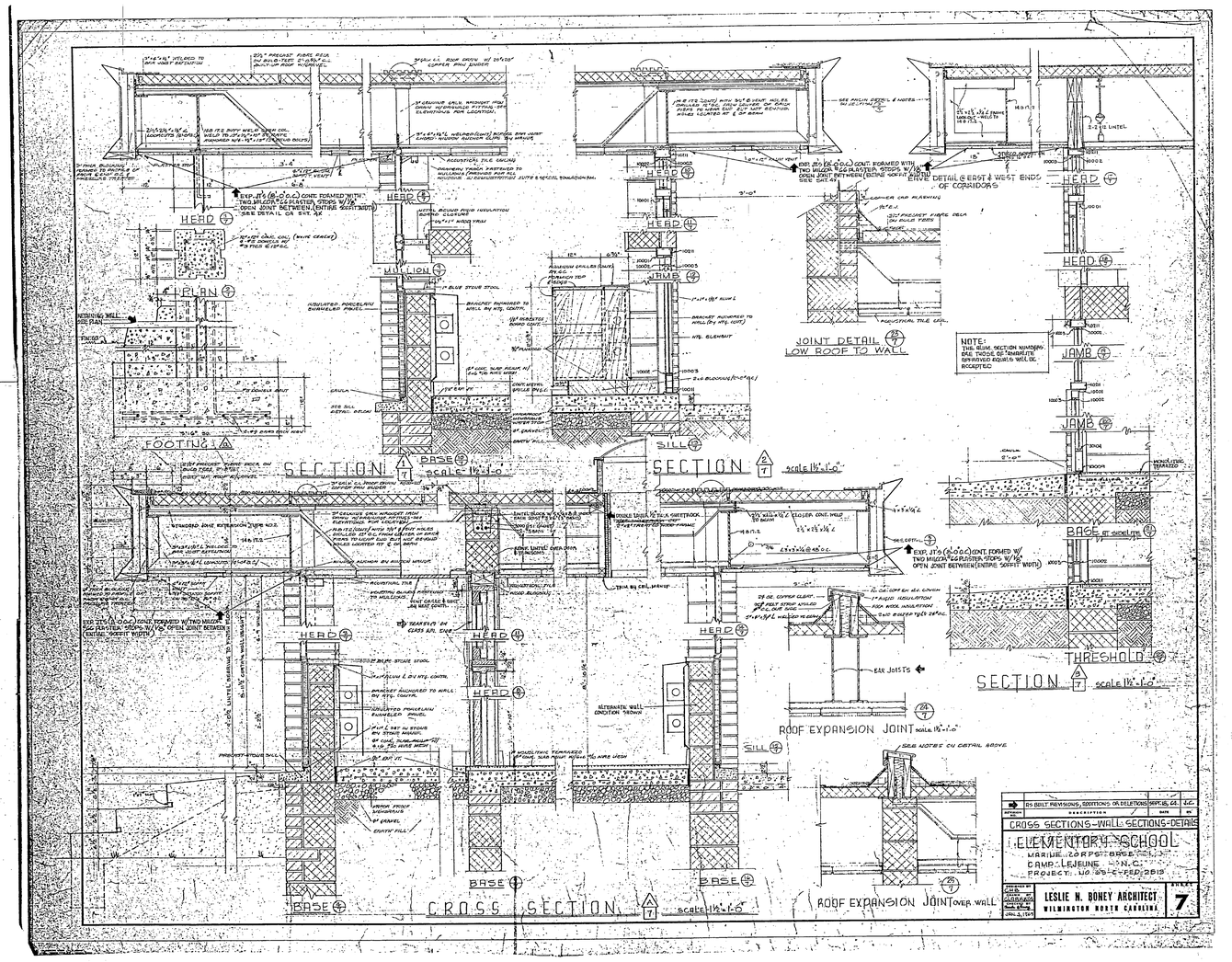

SKYLIGHT SCHEDULE
3636 SKYLIGHT
3628 SKYLIGHT
2424 SKYLIGHT
LEGEND OF SYMBOLS
DOOR NUMBER
WINDOW LETTER
WALL SECTION NO. SEE SECTIONS & DETAILS SHEET
GROSS SECTIONS
INTERIOR ELEVATIONS
E.J.- INDICATES LOCATION OF EXPANSION JOINT IN SLAB, WALLS, FLOOR, FIXTURE, ETC.
E.J.- SHOWN IN PLAN TO INDICATE EXPANSION JOINT IN FLEXIBLE BASE
W.H.T. - WATERPROOF METAL THRESHOLD
P.T.D. - PAPER TOWEL DISPENSER
M.M. - MIRROR
S.S.D. - SOAP DISPENSER
E.W.C. - ELECTRIC WATER COOLER
SERVICE SINK
COUNTER-TOP SINK
EXTRA NO. OR LETTER NUMBERS OR LETTERS IS SHOWN ON
C.G.V. - GRAVITY VENT W/CEILING GRILLE, SIZE AS SHOWN
C.A.G.V. - ATTIC GRAVITY VENT, SIZE AS SHOWN
C.R. 1
C.R. 2
C.R. 3
C.R. 4
C.R. 5
C.R. 6
C.R. 7
C.R. 8
C.R. 9
C.R. 10
C.R. 11
C.R. 12
CORRIDOR NO. 1
CORRIDOR NO. 2
COURT
LIBRARY
MULTI-PURPOSE ROOM
PLATFORM
KITCHEN
BOILER RM. NO. 2
SPECIAL EDUCATION ROOM
MUSIC ROOM
BOOK ROOM
TEACHERS LOUNGE
CONFERENCE RM.
PRINCIPALS OFFICE
GENERAL OFFICE
GIRLS TOILET
BOYS TOILET
KITCHEN STORAGE
FLOOR & ROOF FRAMING PLAN scale 1/8"=1'-0"
ROOM FINISH SCHEDULE
DOOR SCHEDULE
DOOR NOTE:
WINDOW SCHEDULE
FLOOR PLAN - SCHEDULES
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE - N.C.
PROJECT NO. 63-C-FED-2818
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
3


REINF. CONC. SLAB ON FILL
CERAMIC TILE ON DEPRESSED SLAB
DROP SLAB 1" TO RECEIVE TERRAZZO
NEW BRACING
ALL FOOTINGS
SEE CHIMNEY & CHIMNEY FTG. DETAILS THIS SHEET.
ACCESS DOOR & GROUND, SEE NOTE 3, SHEET 1 OF 2 SHEETS
QUARRY TILE & COVE REINF. CONC. SLAB ON BAR JOISTS
CONC. CAP W/O NO. 4 BARS EA. SIDE, 2" SLOPE TO
CEMENT WASH
CRAWL SPACE
BOILER RM. FL.
SECTION "X-X"
NOTE: STEAM PIPE TO BE SUSPENDED 12" BELOW FTG.
NOTE: VERTICAL REINF. FOR STACK: TO 10'-0" EX. FTG. 6-#5 BARS EA. WALL. NEXT 10'-0" AND FTG. 6-#5 BARS EA. WALL. NEXT 10'-0" ABV. FTG. 6-#5 BARS EA. WALL. REMAINING HEIGHT TO TOP CAP, 6-#5 BARS EA. WALL
SECTION "A-A"
SECTION AT BASE
REINFORCED BRICK CHIMNEY DETAILS
GENERAL NOTES:
1. DIMENSIONAL LOCATIONS OF MINOR WALLS & PARTITIONS SHALL BE READ FROM 1st FLOOR PLAN.
2. BASE OF ALL FOOTINGS SHALL BE AT LEAST 2'6" BELOW EXISTING GROUND SURFACE & SHALL BEAR ON OR BELOW VIRGIN SOIL.
3. ALL AREAS UNDER CONCRETE SLABS ON GRADE, (EXCEPT FILLED AREAS) MECHANICALLY TAMPED TO 95% COMPACTION, OR ADEQUATELY COMPACTED BY NATURAL MEANS.
4. INTERIOR FOUNDATION OPENINGS TO BE 2'-8" WIDE & 6" MIN. OF 6'-0" HIGH. PROVIDE AT LEAST THREE BRICK COURSES DETAILED AT TOP OF OPENINGS & BEARING LINE OF WOOD SILL.
5. ALL FOUNDATION WALLS FACED WITH 4" VENEER OF 3 COURSES BELOW FINISH GRADE, UNLESS DETAILED.
6. ALL FLOOR BAR JOISTS SHALL BEAR ON MIN. OF 3 COURSES OF BRICK IN FOUNDATION WALL.
7. 9 MIN. OF 7'-6" CRAWL SPACE SHALL BE MAINTAINED UNDER ALL STEEL JOISTS THROUGHOUT FOUNDATION, IN GRADING SITE, SLOPE TO PREVENT POCKETING OF WATER.
DETAIL "E-E"
DETAIL "A-A"
DETAIL "B-B"
DETAIL "C-C"
DETAIL "D-D"
FOOTING
FOUNDATION PLAN
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. 63-C-FED-2818
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
2

ELEV. scale 1/4"=1'-0"
SECTION THRU AUD. PLATFORM
DOOR JAMB AT AUD. PLATFORM
STAIR DETAIL TO MULTI-PURPOSE ROOM PLATFORM
scale 1 1/2"=1'-0"
GIRLS & BOYS TOILETS
ADMINISTRATION AREA TOILETS
1/4" SCALE TOILET PLANS
SECTION "A-A"
SECTION "B-B"
PLAN
LOADING PLATFORM & GREASE TRAP DETAILS
AS BUILT REVISIONS, ADDITIONS & DELETIONS SEPT. 18, 64 J.C.
INTERIOR ELEVATIONS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 63-C-FED-2813
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
6

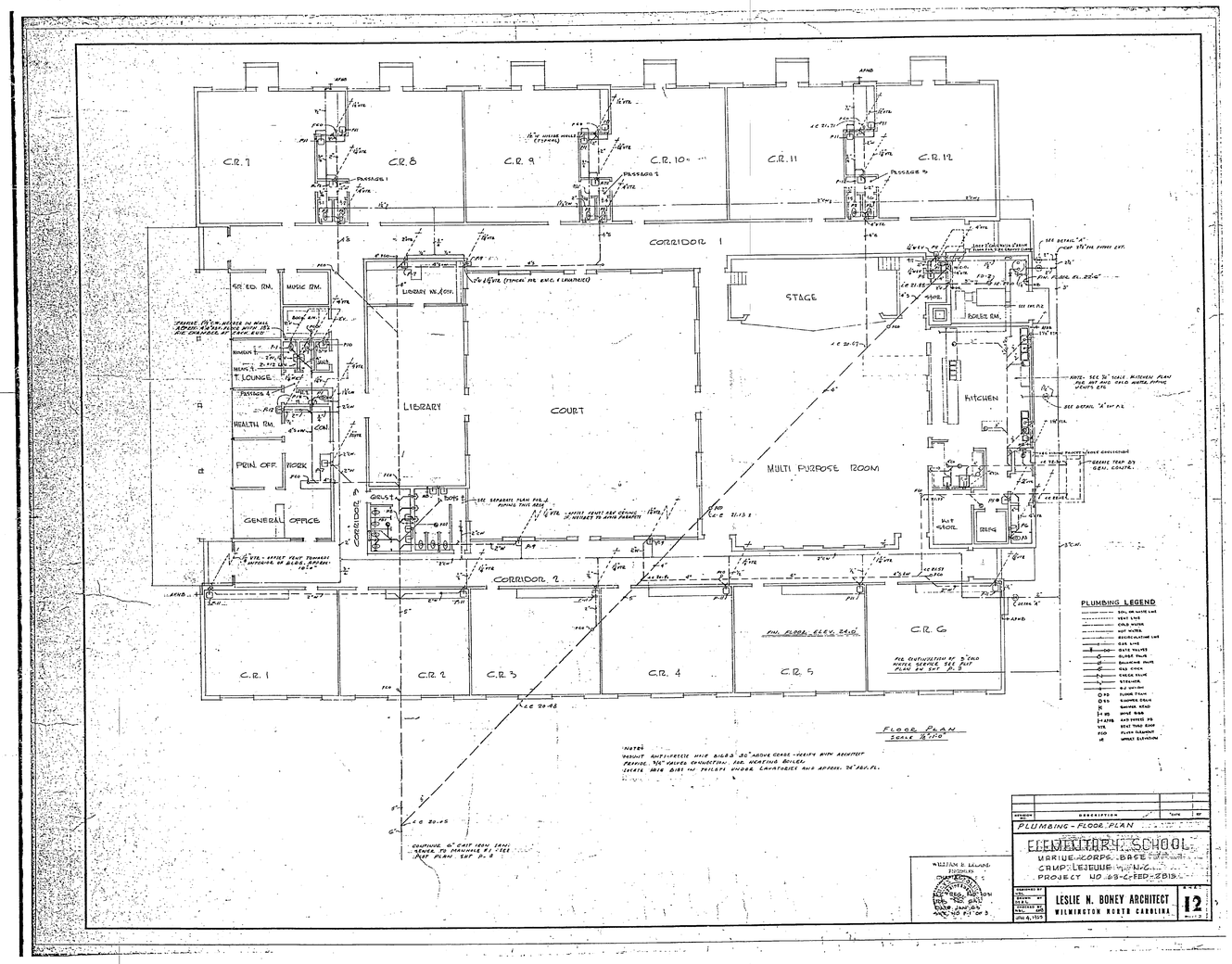
KITCHEN ELEVATIONS scale 1/4"=1'-0"
ELEVATION
SECTION "A-A"
DETAILS-DIETITIAN'S DESK
WALK-IN REFG. COMPRESSOR BRACKET DET. IN CAN WASH
BOILER ROOM
KITCHEN
MULTI-PURPOSE ROOM
1/4" SCALE KITCHEN PLAN
TYPICAL PRIMARY CL. RM. SUITE scale 1/4"=1'-0"
TYPICAL PRIMARY ELEV.
TYPICAL ELEMENTARY ELEV.
NOTE: CHILD CARE CABINETS
TYPICAL ELEMENTARY CL. RM.
AS BUILT REVISIONS, ADDITIONS OR DELETIONS
1/4" SCALE KITCHEN & CLASSROOM PLANS & DETAILS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 63-C-FED-2813
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
5

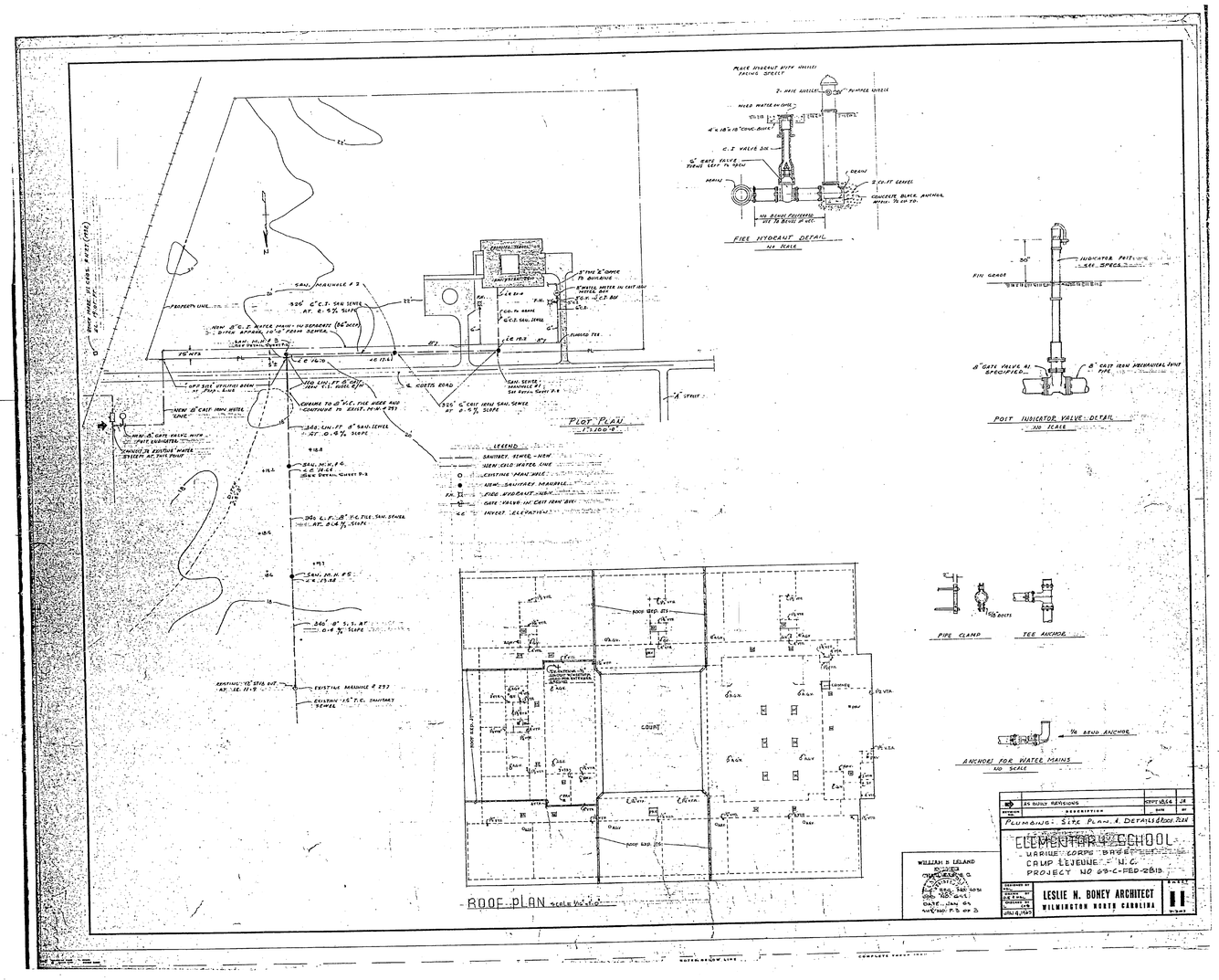

ELEV. STONE JT.
HEAD
BRICK JOINT
BEARING
JAMB
SILL
BASE
CROSS SECTION
REAR KITCHEN WALL
CURB AT CANWASH
REAR PORCH WALL
SECTION
COURT TO MULTI-PURPOSE RM.
KITCHEN TO MULTI-PURPOSE RM.
SECTION "A-A"
ELEVATION
DETAILS - FASCIA EXPANSION JT.
WALL SECTIONS - DETAILS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. 53-C-FED-2813
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
8


HEAD
PLAN
MULLION
JAMB
FOOTING
BASE
SILL
SECTION
JOINT DETAIL LOW ROOF TO WALL
THRESHOLD
ROOF EXPANSION JOINT
CROSS SECTION
ROOF EXPANSION JOINT OVER WALL
CROSS SECTIONS-WALL SECTIONS-DETAILS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. 53-C-FED-2813
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
7

FIXTURE SCHEDULE
CHANGED TO 20" BY CHANGE ORDER G-3, ITEM 4
DISHWASHER ELEV. DETAIL
NO SCALE
PANEL "K" SCHEDULE
PANEL "A" SCHEDULE
PANEL "B" SCHEDULE
PANEL "C" SCHEDULE
PANEL "D" SCHEDULE
PANEL BR SCHEDULE
PANEL O SCHEDULE
SOUND SYSTEM DIAGRAM
NO SCALE
PARTIAL PLOT PLAN
CURTIS ROAD
PANEL "MD"
END ELEV.
SIDE ELEV.
TRANSFORMER BANK DETAILS
ITEM
DESCRIPTION
1 HOT LINE CLAMP
2 DEAD END SHOE
3 SUSPENSION INSULATOR 7½" - 2 PER STRING
4 CROSS ARM 3¼" x 4⅜" x 8'-0"
5 CREO. PINE TIMBER 3½"6" x 11'-0"
6 DOUBLE ARMING BOLT 5/8" x REQ'D LENGTH
7 BOLT EYE TYPE GUY ATTACHMENT
8 GROUND CLAMP - COPPER WIRE TO STEEL STRAND
9 STEEL ANGLE BRACE 1½" x 1½" x 3/16" - 60" SPREAD
10 THROUGH BOLT 5/8" WITH NUT & WASHERS
11 ¾" C TO METERING EQUIPMENT
12 LIGHTNING ARRESTOR AS SPECIFIED
13 FUSE CUTOUT AS SPECIFIED
14 1¾" x 32" FLAT BRACE
15 HEAVY DUTY SECONDARY RACK
16 TRANSFORMER GROUND #2/0 BARE STR. CU.
17 TELEPHONE EQUIPMENT; SEE NOTE "S" SHEET 9.
SERVICE RISER DIAGRAM
NO SCALE
PANEL "MD" ONE LINE DIAGRAM
AS BUILT REVISIONS SEPT. 18, 64
ELECTRICAL DETAILS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 63-C-FED-2B13
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
10

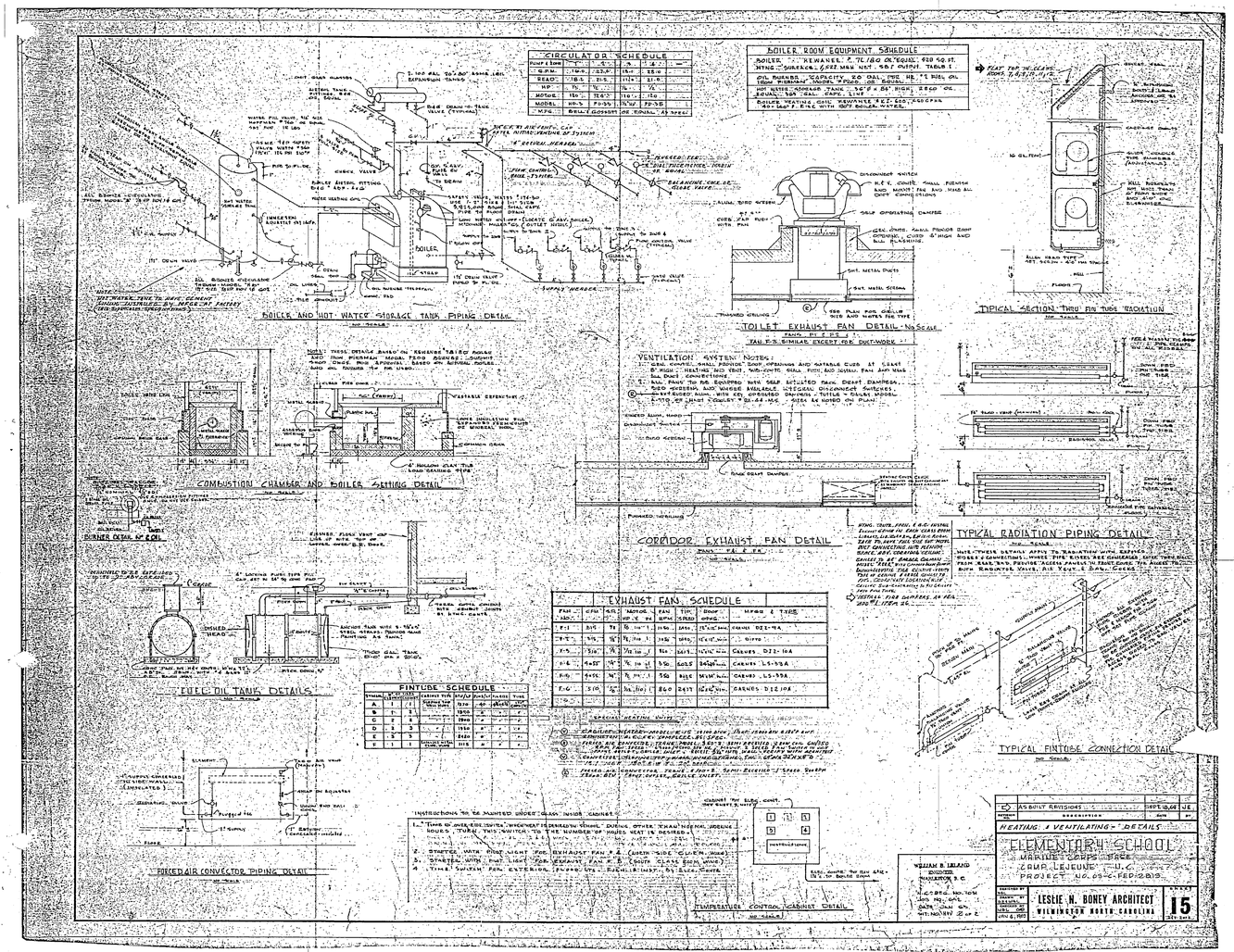
AS BUILT CONNECTION OF BELL & CLOCK SYSTEM
C.R. #7
C.R. #8
C.R. #9
C.R. #10
C.R. #11
C.R. #12
CORRIDOR #1
CORRIDOR #2
COURT
LIBRARY
KITCHEN
C.R. #1
C.R. #2
C.R. #3
C.R. #4
C.R. #5
C.R. #6
CLOCK AND BELL BLOCK DIAGRAM
NO SCALE
PART PLAN - RANGE GR. UP
ELEVATION "C-B"
NO SCALE
SERVICE CALCULATIONS
FLOOR PLAN
GENERAL NOTES
SPECIAL NOTES
SYMBOLS
AS BUILT REVISIONS, ADDITION OR DELETIONS SEPT. 18, 64
ELECTRICAL - FLOOR PLAN
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 63-C-FED-2B13
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
9
WILLIAM B. LELAND
ENGINEER
CHARLESTON, S.C.
N.C. REG NO. 1051
JOB NO. 652
DATE JAN 63
SHT. NO. E-1 OF 2


C.R. 7
C.R. 8
C.R. 9
C.R. 10
C.R. 11
C.R. 12
CORRIDOR 1
STAGE
LIBRARY
COURT
KITCHEN
MULTI PURPOSE ROOM
GENERAL OFFICE
CORRIDOR 2
C.R. 1
C.R. 2
C.R. 3
C.R. 4
C.R. 5
C.R. 6
PLUMBING LEGEND
FLOOR PLAN
PLUMBING - FLOOR PLAN
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE N.C.
PROJECT NO 63-C-FED-2813
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
12


FIRE HYDRANT DETAIL
PLOT PLAN
POST INDICATOR VALVE DETAIL
PIPE CLAMP
TEE ANCHOR
ANCHOR FOR WATER MAINS
ROOF PLAN
LEGEND
PLUMBING - SITE PLAN & DETAILS & ROOF PLAN
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE N.C.
PROJECT NO 63-C-FED-2813
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
11

FLOOR PLAN - HEATING & VENTILATING
SCALE: 1/8" = 1'-0"
CR#7
CR#8
CR#9
CR#10
CR#11
CR#12
CR#1
CR#2
CR#3
CR#5
CR#6
CORRIDOR #1
CORRIDOR #2
STAGE
STORAGE
BOILER RM.
MULTI PURPOSE ROOM
KITCHEN
REFG.
COURT
LIBRARY
LIBRARY WORK RM & OFFICE
MUSIC RM.
BOOK RM.
SP. ED. RM.
T. LOUNGE
HEALTH RM.
CON. RM.
PRIN. OFF.
WORK RM.
GENERAL OFFICE
CORRIDOR #3
GIRLS T.
BOYS T.
10 L.F. RAD NEW LOCATION
NEW LOCATION
RELOCATED
RELOCATED ON OPPOSITE WALL
RUN ALL MAINS ABOVE CEILING
FUTURE EXTENSION
HOT WATER STORAGE TANK (SEE DETAILS)
TERRA COTTA CONDUIT
7500 GAL. OIL TANK - SEE DETAILS
DOWN FED CONVECTORS - NO SCALE
PIPING TO REMINGTON CABINET HEATERS - NO SCALE - FOLLOW MFGRS PUBLISHED DETAILS
AUTO AIR VENT DETAIL - NO SCALE
HEATING LEGEND
SUPPLY LINE
RETURN LINE
VENT LINE
DOMESTIC CW LINE
DRAIN LINE
GATE VALVES
GLOBE VALVE
BALANCING VALVE
CHECK VALVE
STRAINER
GJ UNION
AIR ELIMINATOR
PIPE ANCHOR
EXHAUST REGISTER OR GRILLE
GENERAL NOTES:
1. DO NOT SCALE PLANS - INSTALL EQUIPMENT USING ARCHITECTURAL PLANS AND MFGRS. DRAWINGS
2. PITCH ALL PIPING UP TO AUTO AIR VENTS - GENERALLY PITCH UP IN DIRECTION OF FLOW EXCEPT AS OTHERWISE SHOWN.
3. AUTO AIR VENTS TO BE HOFFMAN #79 OR EQUAL. PIPE DISCHARGE TO OUTSIDE WITH 3/8" COPPER TUBING - PROVIDE ESCUTCHEONS. SEE DETAIL
4. ALL FIN TUBE RADIATORS TO HAVE COVERS AT BOTH ENDS - WALL HANGERS TO BE 6" FROM ENDS AND 4'-0" MAX. ON CENTERS.
5. IN CHANGING PIPE SIZES USE ECCENTRIC REDUCERS AND HOLD TOP OF MAINS LEVEL.
6. RISERS & RUN-OUTS TO RADIATION SHALL BE 3/4" MIN. SIZE FOR UP TO 30 MBH, 1" FOR 31 TO 60 MBH.
ZONE TEMPERATURE CONTROL DIAGRAM - NO SCALE
TIME SWITCH
ZONE T'STATS
NIGHT T'STAT
OVER-RIDE TIMER
RELAYS
CIRCULATORS
SPECIAL NOTES
H1 24"x24" ACCESS PANEL IN CEILING. INSTALL FLO-CONTROL VALVES IN BOTH RETURNS BEFORE TIE-ING TOGETHER. RUN COMMON 2 1/2" BACK TO BOILER ROOM
H2 24"x24" ACCESS PANEL IN CEILING. INSTALL HOFFMAN #79 AUTO AIR VENTS ON BOTH MAINS. PIPE DISCHARGE TO OUTSIDE THRU 3/8" COPPER TUBING
H3 PROVIDE GATE VALVE AHEAD OF EACH AUTO AIR VENT ON MAINS & CLOSE TIGHT AFTER VENTING SYSTEM
DESIGN CONDITIONS
INSIDE 72°F OUTSIDE 12°F 60° TD
AS BUILT REVISIONS, ADDITIONS OR DELETIONS
HEATING & VENTILATION - FLOOR PLAN
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. 63-C-FED-2B13
N.C. REG. NO. 1081
JOB NO. 652
DATE JAN. 63
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

GIRLS & BOYS TOILETS - PART FLOOR PLAN - SCALE 1/4" = 1'-0"
NOTE - TOILET AREA IS ON BAR JOISTS - SEE ARCH. PLANS
RISE 1 1/2" CW - PROVIDE 1 1/2" CW HEADER IN WALL WITH 18" L AIR CHAMBER AT BOTH ENDS
FLOOR DRAINS
FD-1 CAST IRON BODY, POLISHED NICKEL BRONZE TOP EASY LEVEL TYPE ZURN ZN-215 OR EQ.
FD-2 BOILER ROOM DRAIN WITH REMOVABLE SEDIMENT BASKET CAST IRON BODY AND GRATE ZURN Z-540 OR EQUAL
FD-3 SIMILAR TO FD-2 EXCEPT NICKEL BRONZE TOP ZURN ZN-560 OR EQUAL
MANHOLE DETAILS - NO SCALE
SECTION
PLAN
GREASE TRAP CONNECTION DETAIL - NO SCALE
ALL PIPING TO & FROM GREASE TRAP SHALL BE BY PLUMBING CONTRACTOR
3" INLET INV. EL. 22.30
3" OUTLET INV. EL. 22.12
PLATFORM FLOOR ELEV. 23.75
BOOSTER HEATER DETAIL - NO SCALE
ELECTRIC BOOSTER HEATER. 15 KW 3PH 60∼ 208 VOLTS WITH CONTROLS ETC AS SPECIFIED. NATL. STEEL CONST. CO MODEL #EB6L15 OR APPROVED EQUAL. NOTE: SAFETY VALVE, DRAIN VALVE, REDUCING VALVE, FURNISHED WITH BOOSTER. CAPACITY 85 GAL. PER HR 40°F RISE 10 GAL STORAGE
DETAIL "A" WATER CUT-OFF VALVES - NO SCALE
CLEAN-OUT TO GRADE - NO SCALE
PART PLAN - KITCHEN AREA - SCALE 1/4" = 1'-0"
VERIFY ALL EQUIPMENT ROUGHING-IN WITH GEN. CONTR BEFORE COMMENCING WORK.
FIN. FL. EL. 24.0
FIXTURE SCHEDULE
P-1 WATER CLOSET - ADULT SIZE - FLUSH VALVE
P-2 WATER CLOSET - JUNIOR SIZE - FLUSH VALVE
P-3 WATER CLOSET - ADULT SIZE - FLUSH VALVE
P-4 URINAL - BLOW OUT TYPE
P-5 LAVATORY - 22"x19" C.W. ONLY
P-6 LAVATORY - HOT & COLD WATER
P-7 FLAT RIM SINK - STAINLESS STEEL
P-8 DRINKING FOUNTAIN - WALL HUNG
P-9 ELECTRIC WATER COOLER - WALL HUNG
P-10 SERVICE SINK
P-11 CLASS ROOM SINK WITH DR. FTN. ATTACH.
P-12 LAVATORY 14"x 16" - COLD WATER ONLY
KITCHEN EQUIPMENT
K-1 VEGETABLE SINK
K-2 POT SINK
K-3 DISPOSAL
K-4 DISHWASHING PRE-RINSE SINK
K-5 PEELER - PROVIDE FAUCET 48" ABV. FLOOR AS DIRECTED
K-6 DISHWASHER
PLUMBING - DETAILS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO 63-C-FED-2B13
N.C. REG. NO. 1081
JOB NO. 652
DATE JAN. 63
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
13


CIRCULATOR SCHEDULE
BOILER ROOM EQUIPMENT SCHEDULE
BOILER AND HOT WATER STORAGE TANK PIPING DETAIL
TOILET EXHAUST FAN DETAIL
TYPICAL SECTION THRU FIN TUBE RADIATION
COMBUSTION CHAMBER AND BOILER SETTING DETAIL
CORRIDOR EXHAUST FAN DETAIL
TYPICAL RADIATION PIPING DETAIL
FUEL OIL TANK DETAILS
EXHAUST FANS SCHEDULE
FINTUBE SCHEDULE
TYPICAL FINTUBE CONNECTION DETAIL
FIXED AIR CONVECTOR PIPING DETAIL
TEMPERATURE CONTROL CABINET DETAIL
AS BUILT REVISIONS
HEATING & VENTILATING - DETAILS
ELEMENTARY SCHOOL
MARINE CORPS BASE
CAMP LEJEUNE, N.C.
PROJECT NO. 65-C-FED-2819
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
15