M.C.S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON · NORTH CAROLINA

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HENRY von OESEN & ASSOCIATES - MECH. ENGINEERS

JOHN T. TALBERT & ASSOCIATES - CIVIL ENGINEERS

SCHEDULE OF DRAWINGS

ARCHITECTURAL

L-1 SITE PLAN NO. 1 (SCHOOL PROPER)
L-2 SITE PLAN (SITE EXTENSION TO US 17)

A-1 FLOOR PLAN 1/16" SCALE
A-2 FLOOR PLAN - ACADEMIC UNITS & LIBRARY
A-3 FLOOR PLAN - LOBBY, ADMINISTRATION & GYM
A-4 FLOOR PLAN - CAFETERIA, LKR. RMS, ART & MUSIC
A-5 FINISH, DOOR, & WINDOW SCHEDULES
A-6 INTERIOR ELEVATIONS
A-7 INTERIOR ELEVATIONS
A-8 EXTERIOR ELEVATIONS
A-9 EXTERIOR ELEVATIONS
A-10 WALL SECTIONS
A-11 WALL SECTIONS AND DETAILS
A-12 1/4" SCIENCE PLAN & DETAILS
A-13 HOME ECONOMICS & ART LABS
A-14 1/4" KITCHEN PLAN & DETAILS
A-15 STAGE PLAN & GYMTORIUM ELEVATIONS
A-16 INTERIOR ELEVATIONS & MISC. DETAILS
A-17 ROOF PLAN

STRUCTURAL

S-1 FOUNDATION PLAN - SECTION 'A'
S-2 FOUNDATION PLAN - SECTION 'B'
S-3 FOUNDATION PLAN - SECTION 'C'
S-4 FRAMING PLAN - SECTION 'A'
S-5 FRAMING PLAN - SECTION 'B'
S-6 FRAMING PLAN - SECTION 'C'
S-7 STRUCTURAL DETAILS
S-8 STRUCTURAL DETAILS

ELECTRICAL

E-1 ELECTRICAL LTG. PLAN, FIXTURE SCHEDULE AND LEGENDS
E-2 ELECT. POWER, RECEPTACLE, TELE. I.C. PLAN & DETAILS
E-3 POWER, HEATER, & A.C. RISER DIAGRAMS

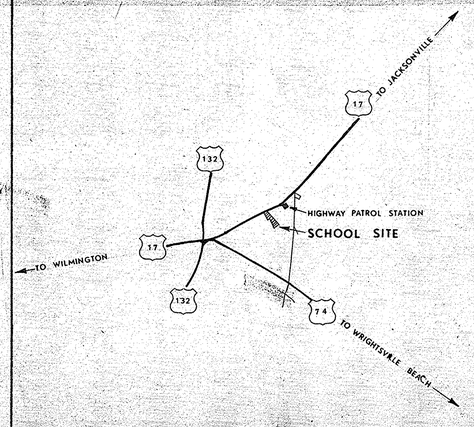
PLUMBING

P-1 1/16" PLAN & PLUMBING SCHEDULE
P-2 SCIENCE PLUMBING
P-3 LOCKER ROOM PLUMBING
P-4 ADMINISTRATION AREA & ARTS PLUMBING
P-5 KITCHEN PLUMBING & MISC. DETAILS

MECHANICAL

M-1 HTG. & A.C. PLAN, SCHEDULES & DETAILS
M-2 SCHEDULES, DIAGRAMS & DETAILS

LOCATION MAP



SEAL



MHCS NOBLE

SUPERSEDED

SUPERSEDED

SUPERSEDED

OLD IRON PIPE

PROPERTY LINE

S 41° 36' E 350.78'

RESIDENCES

ESTATES

NORTHWOOD

S 40° 58' E 852.61'

OLD IRON PIPE

PAVED FLUME SO L.F.

℄ ST. NICHOLAS ST. EXTENDED

231.66'

PITCHED C. & G.

48.20

49.50

15" RCP

4" Δ.C.

CONC. BLOCKING

MATCH LINE

24'

4" Δ.C.

5" WATER MAIN & WATER METER BY OTHERS

CONC. MON. B.M. EL. 45.82

30.0'

ST. NICHOLAS ST. (EXTENDED)

S 68° 17' W 327.00'

CONC. MON. PM ELEV. 42.02

RESIDENCE FEB. '69

PROPERTY LINE

573'

4+00

2+00

1+00

0+00

℄ LOU BELLE ST. (EXTENDED)

FIN. FL. EL. 47.25

FIN. FL. EL. 45.25

B-1 47.0+

B-2 46.75+

B-3

B-4 46.75+

B-5 46.75+

B-6

B-7 45.7+

B-8 45.2+

47.2

47.0

46.75

46.5

45.5

42.2

42.5

44.2

45.7

45.2

44.3

47.7

47.4

INV. E2-2 TOP 46.0 INV. 41.0

8" V.C.P.

4" SERV. SADDLE 4" Δ.C.

M.H. # 2 TOP 44.9 - INV. 39.5

INV. 38.5

SEWAGE PUMPING STATION

BEGIN PITCHED C. & G.

PITCHED C. & G.

SIDE ALT. FOR CANOPY

PLUG & BLOCK (SEE DETAIL)

44.51

44.95

43.47

43.5

41.56

46.90

45.75

45.84

43.6

41.38

44.45

48.0

48.95

40.54

40.0

PAVED FLUME SO L.F.

SWALE @ 0.5%

WASTE AREA

FUTURE ATHLETIC FIELDS

S 61° 53' W 925.92'

1,368.64'

N 21° 46' W

BASE LINE & PROPERTY LINE

CONC. MON. P.M. ELEV. 39.28

191'

148'

425'

116'

60'

35'

40'

90'

12'

24'

30'

10"

15"

18" RCP

5'-6" RCP

SEE SEWER LINE PLANS

~NOTES~

1. ALL ROADS & PARKING AREAS TO HAVE CURB & GUTTER, BY OTHERS EXCEPT AS NOTED.
2. USE PITCHED CURB & GUTTER WHERE PVMT. SLOPES AWAY FROM CURB.
3. MINIMUM TRANSVERSE PVMT. GRADE = 1.0%
   " LONGITUDINAL " " = 0.5%
4. ALL INTERSECTIONS ARE @ 90° UNLESS OTHERWISE NOTED
5. EXTERIOR PAVING TO BE BY OTHERS UNLESS OTHERWISE SPECIFIED.
6. EXTERIOR WASTE LINES & PUMPING STATION BY OTHERS.
7. THIS CONTRACTOR TO PERFORM ALL FINISHED GRADING SHOWN THIS SHEET.

SCALE : 1" = 50'

LEGEND

- BITUMINOUS PAVEMENT
- 44 EXIST. CONTOURS (1 FOOT INTERVAL)
- 46 FINISH CONTOURS
- + 46.75 FINISH SPOT ELEVATIONS.
- CONC. WALKS.
- COMPACT SOIL WITHIN BOUNDARY 100% AS PER ASTM D698.
- SOIL BORING LOCATIONS - SEE SPECS. FOR BORING LOG.

REVISION NO.	DESCRIPTION	DATE	BY

SITE PLAN NO. 1 (SCHOOL PROPER)

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

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Dr. Heyward C. Bellamy Superintendent

DESIGNED BY	VH DA
DRAWN BY	DA
CHECKED BY	HB VH
	6 JAN 69

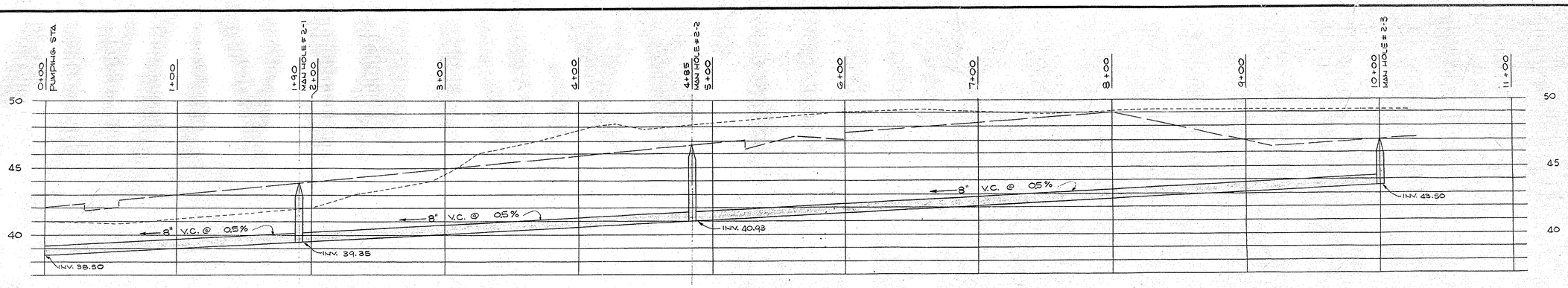
LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

SHEET L1

JOHN TALBERT & ASSOC., INC.
CONSULTING ENGINEERS
CHARLOTTE, N.C. - WILMINGTON, N.C.

1/1

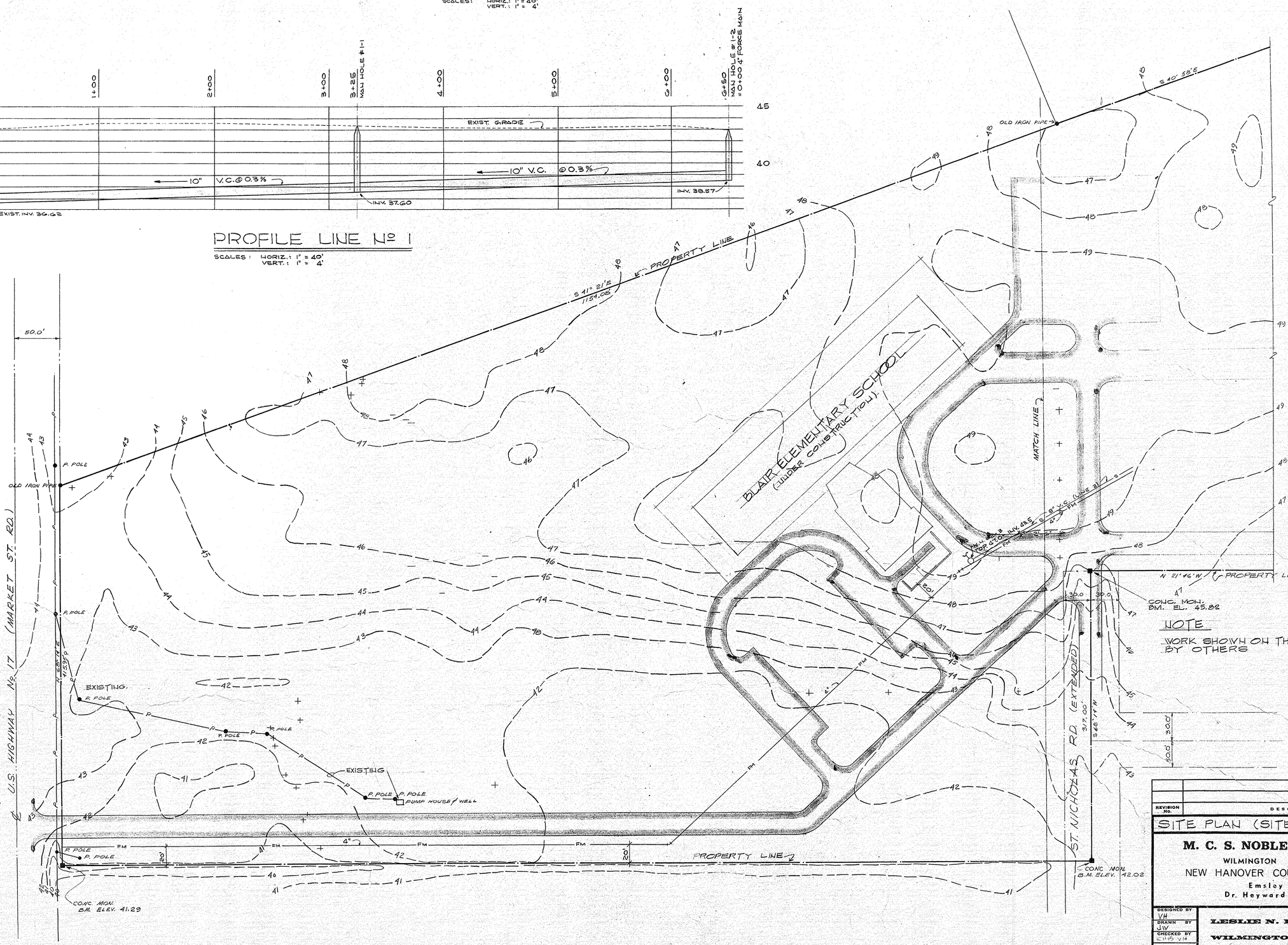


PROFILE LINE Nº 2

SCALES: HORIZ.: 1" = 40'
VERT.: 1" = 4'

PROFILE LINE Nº 1

SCALES: HORIZ.: 1" = 40'
VERT.: 1" = 4'



NOTE

WORK SHOWN ON THIS SHEET TO BE BY OTHERS

REVISION NO.	DESCRIPTION	DATE	BY

SITE PLAN (SITE EXTN. TO U.S. 17) sc 1" = 50'

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

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	6 JAN '69

LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

SHEET L2

0904 | 94'-8" | 78'-8" | 40'-0" | 126'-8" | 0902 | 139'-8"

STRUCTURAL, ELECTRICAL, PLUMBING, & MECHANICAL SYSTEMS SAME AS FOR ADJOINING CLASSROOM UNIT

Panel Dimensions

	Panel	H	W	D	WALL THICKNESS
0903	4H1	28 3/4	22	5 3/4	6 Exterior CB
	4H2	28 3/4	22	5 3/4	6 Interior CB
	4H3	28 3/4	22	5 3/4	8
	4H4	28 3/4	22	5 3/4	8
	4H5	28 3/4	22	5 3/4	6 Exterior CB
	4H6	28 3/4	22	5 3/4	6 Exterior CB
	4H7	28 3/4	22	5 3/4	6" ?
	4H8	28 3/4	22	5 3/4	8"
	4H9	28 3/4	22	5 3/4	8"
	4H10	28 3/4	22	5 3/4	12" exterior
	4H11	28 3/4	22	5 3/4	Exterior Partition

CLASSROOM 104 | CLASSROOM 105 | CLASSROOM 108 | CLASSROOM 106 | CLASSROOM 109 | PASSAGE 102 | PASSAGE 103 | GIRLS 107 | BOYS 108 | JAN. 109 | CL. RM. 114 | CL. RM. 115 | ALTERNATE BID - SEE SPECS. CL. RM. 113 | CL. RM. 116 | PASSAGE 117 | FACE THESE WALLS W/BRICK, IF OMIT BID

ADD CLASSROOM UNIT, OMIT CANOPIED OVER DOORS & WINDOW, OMIT EXTERIOR PAVING & EXTEND CORRIDOR 5, RELOCATE EXIT, OMIT A WINDOW.

CORRIDOR 5 | CORRIDOR 6 | CORRIDOR 7 | CORRIDOR 2 | CORRIDOR 3

SCIENCE 101 | SCIENCE 92 | SCIENCE 98 | SCIENCE 96 | PASSAGE 95 | PASSAGE 97 | SC. STG. 100 | SC. STG. 97

CLASSROOM 110 | AV WORK 111 | CLASSROOM 112 | PASSAGE 81 | WORK & STORAGE 80 | READING 78 | OFF. 79

GYMTORIUM 26 | STAGE 30 | STORAGE 31

HOME EC. 1 (55) | HOME EC. 2 (59) | ART CLASSROOM (63) | LAUNDRY | CLASSROOM (61) | STOR. (60) | TOOLS (62) | INDUSTRIAL ARTS SHOP (64) | OFF. (65) | STG. (66)

GIRL'S LOCKER ROOM 39 | TREATMENT 47 | VARSITY LOCKER ROOM 48 | BOY'S LOCKER ROOM 44 | OFF. 45 | MEN 28 | WOMEN 27 | PASSAGE | LAUNDRY 42 | STOR. 43

LIBRARY 68 | STG. 74 | VOCAL MUSIC 67 | INSTRUMENTAL STORAGE 70 | INSTRUMENTAL MUSIC 71 | ENSEMBLE 71 | PRACT. 72 | PRACT. 73

ALTERNATE BID - OMIT MUSIC DEPT. & MOVE S. EXIT OF CORRIDOR NO. 4 TO CORRIDOR NO. 3, INSTALL WALK & CANOPIES OVER EXITS.

FACE THIS WALL W/BRICK IF MUSIC DEPT. IS OMITTED

LOBBY 1 | BUSINESS OFFICE 8 | ASST. PRINCIPAL 9 | PRINCIPAL 11 | TOIL. CONF. 12 | TOIL. CONF. 13 | TEACHER'S WRK. RM. & LOUNGE 14 | GUIDANCE 16 | COUNSL 19 | COUNSL 20 | SUPPLY STORE & STORAGE 32 | VENDING | EWC ? | HEALTH SUITE 21 | HEALTH NO. 1 22 | HEALTH SUITE NO. 2 25 | STUDENT LOUNGE 34 | CAFETERIA 35 | SEE SHEET 14 FOR KITCHEN LAYOUT | Work Area Incl. | Transformer Room

CLASSROOM 94 | CLASSROOM 91 | CLASSROOM 86 | CLASSROOM 83 | BOYS 93 | PASSAGE 87 | PASSAGE 88 | CLASSROOM 90 | CLASSROOM 89 | CLASSROOM 84 | CLASSROOM 85

ENTRANCE WALK | 4 SPACES @ 18'-0" = 72'-0" | LOADING WALK | 4 SPACES @ 18'-0" = 72'-0" | THIS CURB BY G.C. - ALT. BID | THIS CURB BY OTHERS | ENTRANCE WALK & CANOPY BY ALTERNATE BID - SEE SPECS.

0801 | 0802 | 0803 | 0804 | 0901 | 0905 | MATCH LINE

231'-8" | 173'-4" | 214'-0" | 52'-4" | 479'-8" | 220'-4" | 142'-0" | 133'-4" | 421'-8" | 66'-0"

0101 FLOOR PLAN

SC 1/16" = 1'-0"

2'-8" @ ENTRANCE WALK | 2'-0" @ LOAD'G. WALK | 3" ROOF LEADER BY G.C. | ALUM. FASCIA | BUILT-UP ROOF | 1½" RIGID INSULATION W/VAPOR BARRIER | METAL DECK AS SPECIFIED | 6B8.5 CAMBER 1" | L2½"x2½"x¼" CONT. | BOLT 12B14 TO 4"x7"x⅜" PL W/ 4-½"Φ HSS BOLTS | ⅜" PL STIFFENERS @ EACH COL. | 3"Φ D/S BY PLUMBER | ANCHOR 4"x7"x½" PL W/ 2-¾"Φ x 12" HSS ANCHOR BOLTS | 7'-4" @ ENTRANCE WALK | 4'-0" @ LOADING WALK | #3 @ 12" O.C. | #4 CONT. | 3000 PSI CONCRETE W/ FLOAT FINISH | SLOPE ⅛" / FT. | SEE PLAN FOR ELEV. | COMPACTED SAND FILL | 16"x16"x12" CONC. FOOTING REINF'D. W/ 4 #4 BARS EA. WAY.

0102 ~ CANOPY DETAIL

SC ¾" = 1'-0"

CURB @ LOADING WALK (CANOPY ALT.) | PAVING BY OTHERS | 3'-2"

0103 ~ WALK DTL. @ CURB

SC ¾" = 1'-0"

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FLOOR PLAN 1/16" SCALE

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LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

SHEET A1

(3)

CLASSROOM 94
CLASSROOM 93
CLASSROOM 92
CLASSROOM 91
CLASSROOM 85
CLASSROOM 86
CLASSROOM 84
CLASSROOM 83
PASSAGE 90
PASSAGE 82
SCIENCE·1· 98
SCIENCE·2· 99
SC. STG. 1 97
SC. STG. 2 100
SCIENCE·3· 96
SCIENCE·4· 101
SEE SHEET A-12 FOR SCIENCE LAYOUT
FACULTY MEN 88
BOYS
JANITOR 87
WORK & STG. 80
OFFICE 79
READING 78
STACKS 40 L-1420D UNITS
CLASSROOM 103
CLASSROOM 104
CLASSROOM 105
CLASSROOM 106
PASSAGE 102
GIRLS 107
FACULTY WOMEN 108
STORAGE 109
CLASSROOM 110
AV WORK 111
CLASSROOM 112
CORRIDOR
BRUNSWICK SECTIONAL CABINETS TYPICAL FOR CLRMS. 83,84,85, 86,91,92,93,94 103,104,105 & 106 MILLWORK CABINETS OPTIONAL SHOP DRAWINGS REQUIRED - SEE CABINET DRAWINGS TH-15 SHEET 16
SEE SCHEDULE A-6
BID ITEM # 5 CHANGE SHELVES TO METAL W/ WOOD ENDS.
SEE SHEET A-12 FOR SCIENCE LAYOUT
SUPERGROUND L.P. GAS TANK SEE SCIENCE PLUMBING
ROOF SCUTTLE & LADDER
3" R.L. 12"x24" SPLASH BLOCK @ EACH ROOF LEADER
68 LOCKERS
56 LOCKERS
52 LOCKERS
36 LOCKERS
60 LOCKERS
220'-4"
173'-4"
150'-2"
94'-8"
78'-8"
40'-0"
N
MATCH LINE

0201 ~ FLOOR PLAN · ACADEMIC UNIT

NOTES: 1. ROOF DRAINS & SPLASH BLOCKS BY G.C.
2. ROOF LEADERS BY PLBNG. CNTR.

632B
605B
02-03-CONCRETE SPLASH BLOCK
MIRROR
TEACHER'S WARDROBE
SUPPLY CABINET
A-411B
411B OMIT 1 @ EA. CLRM.
854B OMIT 1 @ EA. CLRM.
BASE CABINETS
110 OMIT 2 UNITS EACH CLRM.
WALL CABINET
BID ITEM # 4

0202 ~ CLASSROOM CABINET UNITS

570 LKRS, 1,632"

REVISION NO.	DESCRIPTION	DATE	BY
1	CHANGE LIBRARY SHELVES & CLRM. CABINETS	31 JAN '69	VH

FLOOR PLAN - ACADEMIC UNITS & LIBRARY

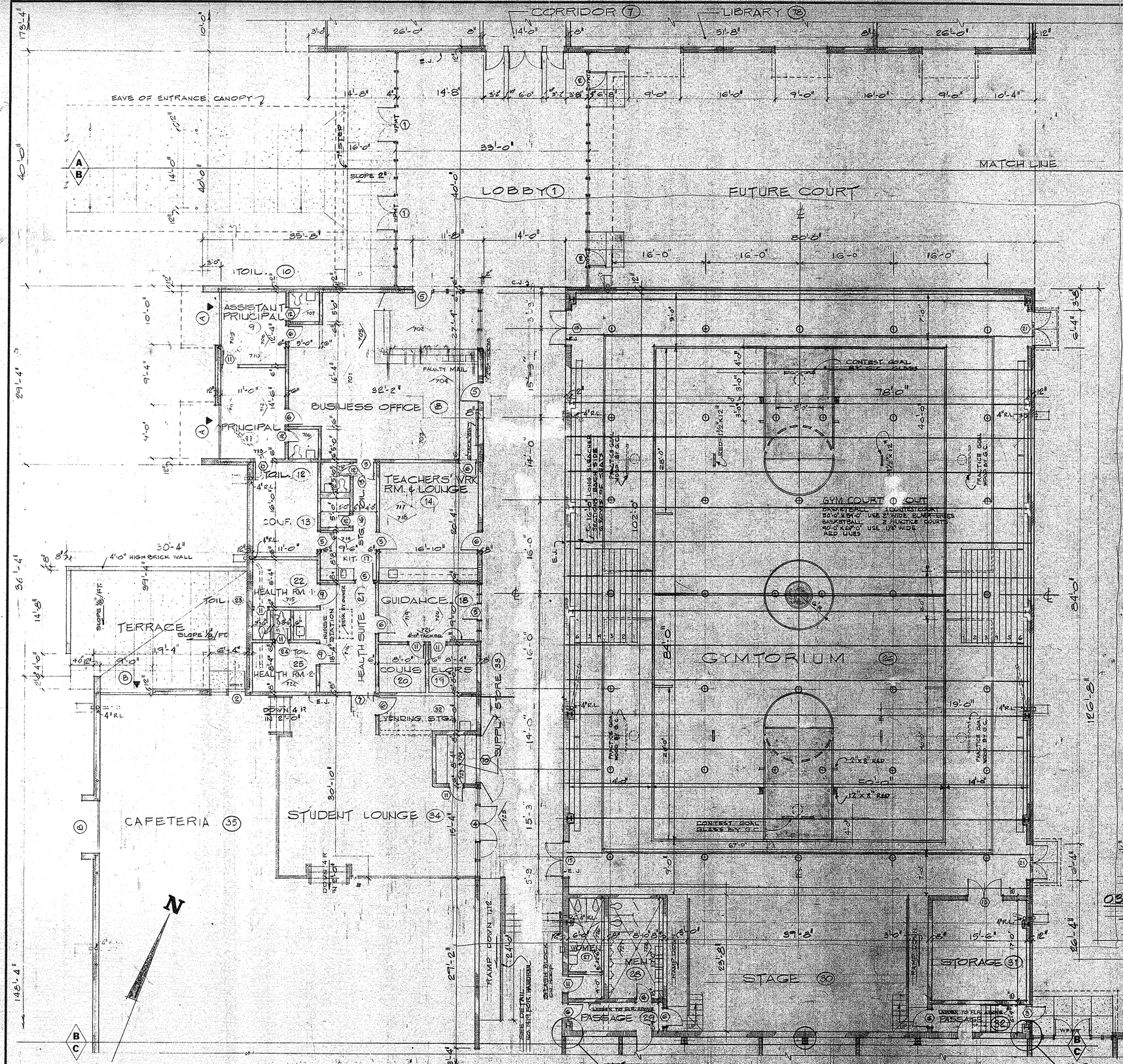
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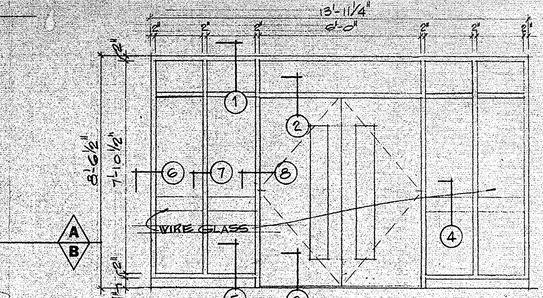
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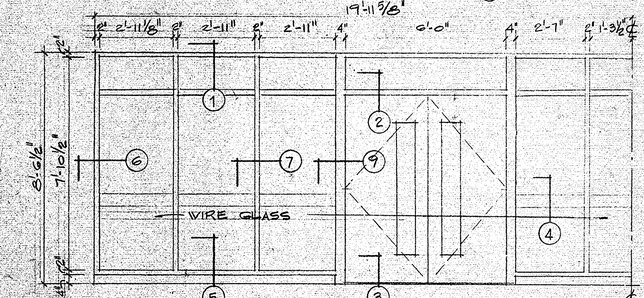
SHEET A2

4

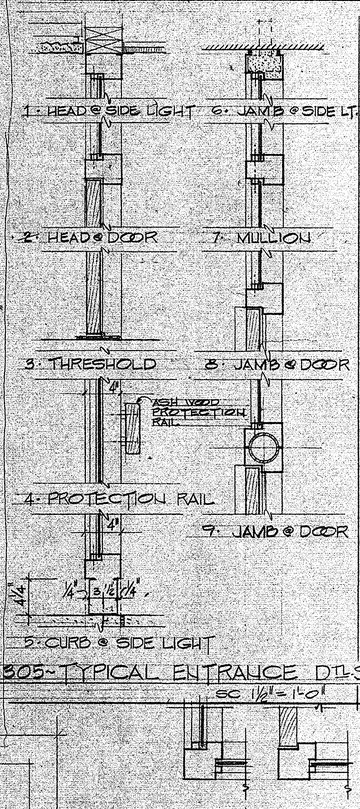




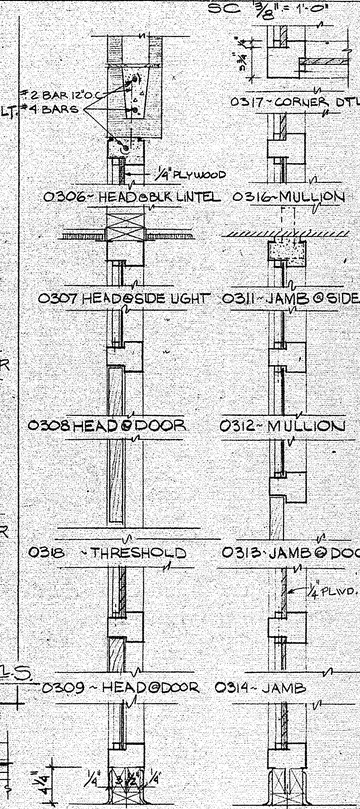
0303 ~ TYPICAL ENTRANCE UNIT SC 3/8" = 1'-0"



0304 ~ ENTANCE @ LOBBY - 1/2 ELEVATION SC 3/8" = 1'-0"



0305 ~ TYPICAL ENTRANCE DTLS SC 1 1/2" = 1'-0"

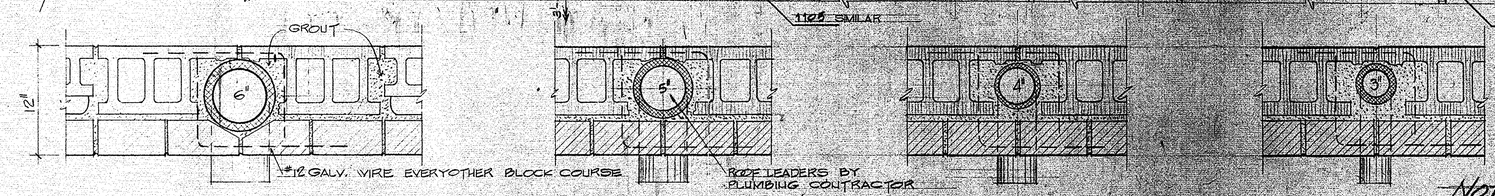


TYPICAL INTERIOR PARTITION DTLS

NOTE: ALL GLAZING OF PARTITIONS ON CORRIDORS TO BE 1/4" PL. WIRE GLASS SC 1 1/2" = 1'-0"

to WJB-

0301 ~ FLOOR PLAN - LOBBY, ADMIN. & GYM. SC 1/2" = 1'-0"



0302 ~ ROOF LEADER DETAILS SC 1 1/2" = 1'-0"

NOTE:
LOCATION OF LIGHTING FIXTURES AT GYMTORIUM, TO CONFORM WITH 22' HEIGHT REQUIREMENTS.
WJB 8 APRIL 1970

REVISION NO.	DESCRIPTION	DATE	BY
1	LIGHTING OFFICE COPY	8 APRIL 70	S

FLOOR PLAN - LOBBY, ADMINISTRATION & GYM.

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WILMINGTON NORTH CAROLINA

SHEET A3

GYMTORIUM

STUDENT LOUNGE (34)

CAFETERIA (35)

STAGE (30)

CORRIDOR (2)

CORRIDOR (3)

FUTURE CORRIDOR

VENDING STG. (36)

SUPPLY STORE (33)

WOMEN

MEN (28)

RAMP DOWN 1:12

EQUIP. ROOMS ABOVE
see detail 04/02

STORAGE (31)

PASSAGE (29)

LAUNDRY (42)

TRMT. RM. (47)

BOYS' LKR. ROOM (44)

GIRLS' LKR. ROOM (49)

VARSITY LKR. RM. (48)

TOIL. (52)

BATH (51)

SHOWERS

OFF. (45)

BOYS' TOIL.

OFFICE (50)

BASKETS

STG. (43)

BENCHES BY G.C.

LOCKERS BY G.C.

TABLE & WHIRLPOOL BY OWNER

1103

1/2" ϕ PIPE RAIL BY G.C.

COLD LINE -2-

COLD LINE -1-

REFG.

18'-0" DNS.

SERVING COUNTERS
SEE BASE BID EQUIPMENT
BY KITCH. EQUIP. SUBCONTRACTOR

4" ABRASIVE NOSINGS - FULL WIDTH OF TREAD MINUS 3" EA. END.

SCULLERY (38)

OFFICE (37)

SEE SHEET 14 FOR KITCHEN EQUIPMENT LAYOUT

KITCHEN (36)
45'-2"

HELP'S TOIL. (39)

CAN WASH

DRY STORES (40)
22'-4"

ELECT. SW. RM. (41b)

MECH. RM. (41d)

LOADING APRON

SEWAGE PUMP ROOM (41c)
INTERIOR FINISHES
SAME AS 41b

SEWAGE WET PIT BY UTILITIES CONTRACTOR

16"x8" ALUM. LOUVERS W/SCREEN, SET @ 9'-8" ABOVE FINISHED FLOOR

30"x24"x4" REINF. CONC. (6"x6" WWM) TIME SUPPORTS BY G.C.

G.C. SHALL PLACE SLAB AFTER UTILITIES CONTR. HAS INSTALLED PIPING. SEE SHEET 5-3 FOR SLEEVE PLACEMENT

41'-4"

66'-0"

ROOF DECK — PACKING — CALK — CALK

MUSIC RMS. SIDE

4" BLOCK
3/4" PARGING
2" SOUND BLANKET

MASONRY TIES 24" O.C. EVERY OTHER BLOCK COURSE

FLOOR

0403 - SOUND CONTROL WALL DET. @ MUSIC SUITE
SC. 3/4"=1'-0"

42'-8"

MECH-2

MECH-3

17'-0"

LADDER DN.

OPEN TO PASSAGE (29) BELOW

OPEN TO PASSAGE (32) BELOW

0402 - MECH. RMS IN GYM ABOVE TOILETS & STORAGE
SCALE 1/8"=1'-0"

VOCAL MUSIC (67)

ENSEMBLE (71)

LIBRARY (69)

OFFICE (68)

INSTRUMENT STG. (72)

PRACTICE (73)

PRACTICE (75)

STG. (74)

OFFICE (76)

INSTRUMENT REPAIR (75)

PODIUM BY OWNER

CAVITY WALL ABOVE PRTN.

INSTRUMENTAL MUSIC (77)

6" WOOD RISERS

40 LOCKERS

48 LOCKERS

CAVITY WALL FROM FLOOR TO ROOF DECK W/ 6" SOUND BLANKET - TYPICAL FOR MUSIC SUITE

10'-0"x10'-0" WOOD OVERHEAD DOOR

115'-0"

0401 - FLOOR PLAN - CAFETERIA, LKR. RMS., ART & MUSIC

CHALKBOARD 12'

404-ELEV-CLASSROOM (61)

BULLETIN BD. 4'

CHALKBOARD 12'

405-ELEV-CLASSROOM (61)

82'-4"

55'-8"

32'-8"

DOOR SWING OUT - MUST HAVE 70" FUTURE WE CAN DO AWAY W/THIS DOOR

FUTURE CLASSROOM

ART CLASSROOM (53)
32'-0"

SEE 1/4" SCALE PLAN SHEET A-13

HOME EC-1 (55)
32'-0"

FACULTY WOMEN

LAUNDRY

FACULTY MEN

DRESS'G. 1 (57)

DRESS'G. 2

STACKED BLOCK

MASONRY BLOCK

"KNOCK OUT WALL"

SEE 1/4" SCALE PLAN SHEET A-13

SOFT DOOR BY OTHER

CLASSROOM (61)

HOME EC-2 (59)

JANITOR (62)

ROOF SCUTTLE & LADDER

TOOLS

STORAGE (66)

OFFICE

INDUSTRIAL ARTS SHOP (63)
46'-4"

G.I. BUL. BD.

REVISION NO.	DESCRIPTION	DATE	BY
1	CHANGE WALL THICKNESS TO 12"	26 MARCH	VH

M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON — NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Ensley A. Taney Chairman
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY	DRAWN BY	CHECKED BY
VH	VH	CHBYH

6 JAN 69

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET A4

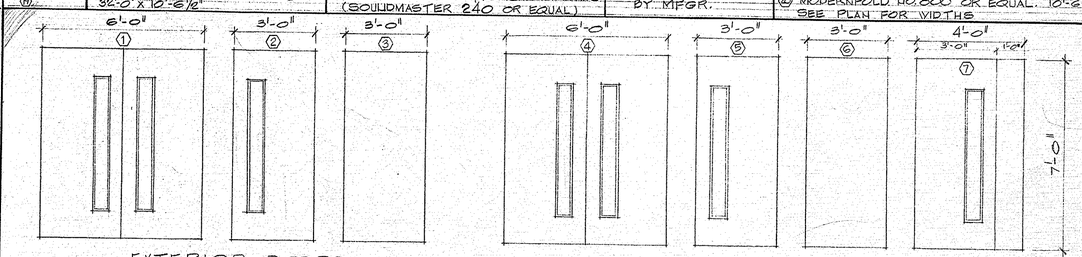
SCHEDULE OF FINISHES

NAME OR TYPE	FLOOR	BASE	WAINSCOT	WALLS	CEILING	REMARKS
LOBBY 1	CONCRETE TREATED W/HARDENER	VINYL	NONE	BRICK & GLASS	2X4 LAY-IN ACOUSTICAL TILE W/2 HR. RATING	VINYL-ASBESTOS TILE FLOORING ALTERNATE BID - SEE SPECS.
CLASSROOMS - ALL	do	do	do	PAINTED BLOCK	do	do
JANITORS 62 & 87	do	do	do	EXPOSED BLOCK	do	
BOY'S TOILET	do	NONE	do	EPOXY	do	CERAMIC TILE FLOOR & BASE FOR ALTERNATE BID
READING ROOM 78	do	VINYL	do	PAINTED BLOCK	do	SEE REMARKS - LOBBY 1
OFFICE 79	do	do	do	do	do	do
WORK STORAGE 80	do	do	do	do	do	do
FACULTY TOIL. 88 & 108 S.S. & T. 60	do	NONE	EPOXY 4'-0"	do	do	CERAMIC TILE FLOORING ALTERNATE BID - SEE SPECS.
PASSAGES 89,92,81,82,90,95,102	do	VINYL	NONE	do	do	SEE REMARKS - LOBBY 1
GIRL'S TOILET	do	NONE	EPOXY 4'-0"	do	do	SEE REMARKS - FACULTY TOIL. 88 & 108
SCIENCE ROOMS 1,2,3,4	do	VINYL	NONE	do	do	SEE REMARKS - LOBBY 1
A-V CLASSROOMS 110 & 112	do	do	do	do	do	do
A-V WORK ROOM 111	do	do	do	do	do	do
STORAGE 109	do	do	do	EXPOSED BLOCK	do	
CORRIDORS 2,3,4,5,6,&7	do	do	do	EPOXY	do	SEE REMARKS - LOBBY 1
BUSINESS OFFICE 8	do	do	do	PAINTED BLOCK	do	do
TOILETS 10,12,15,	do	NONE	EPOXY 4'-0"	do	do	SEE REMARKS - FACULTY TOIL. 88 & 108,
ASSISTANT PRINCIPAL	do	VINYL	NONE	do	do	SEE REMARKS - LOBBY 1
PRINCIPAL	do	do	do	do	do	do
TEACHER'S WORK ROOM & LOUNGE	do	do	do	do	do	do
KITCHENETTE & STG. 16	do	do	do	do	do	do
CONFERENCE	do	do	do	do	do	do
GUIDANCE SUITES & COUNSELORS	do	do	do	do	do	do
HEALTH SUITE	do	do	do	do	do	do
HEALTH 1 & 2	do	do	do	do	do	do
TOILETS 23 & 24	do	NONE	EPOXY 4'-0"	do	do	SEE REMARKS - FACULTY TOIL. 88 & 108
SUPPLY STORE	do	do	NONE	do	do	SEE REMARKS - LOBBY 1
STUDENT LOUNGE & CAFETERIA	do	VINYL	do	do	do	do
KITCHEN & SCULLERY	QUARRY TILE	QUARRY TILE	do	EPOXY	do	
OFFICE	do	do	do	do	do	
LOCKER ROOM & TOILET. BROOM CLOSET	do	do	do	do	do	
CAR WASH	do	do	do	FACE BRICK	do	
DRY STORES	do	do	do	EPOXY	do	
MECHANICAL	CONCRETE TREATED W/HARDENER	NONE	do	EXPOSED BLOCK	do	
ELECTRICAL SW. RM.						
GYMTORIUM	CONCRETE W/HARDENER HARDWOOD COURT	HARD-WOOD	NONE	PAINTED BLOCK	NONE	
STAGE	HARDWOOD	do	do	do	do	
STORAGE 31	CONCRETE W/ HARDENER	NONE	do	EXPOSED BLOCK	2X4 LAY-IN ACOUSTICAL TILE W/2 HR. RATING	SEE REMARKS - LOBBY 1
MEN'S TOILET	do	do	EPOXY 4'-0"	PAINTED BLOCK	do	SEE REMARKS - FACULTY TOIL. 88 & 108
PASSAGE	do	VINYL	NONE	do	do	SEE REMARKS - LOBBY 1
WOMEN'S TOILET	do	NONE	EPOXY 4'-0"	do	do	SEE REMARKS - FACULTY TOIL. 88 & 108
BOY'S SHOWER & DRYING ROOM	CERAMIC TILE	CERAMIC TILE	NONE	CERAMIC TILE	CEMENT PLASTER @ 8'-0"	
LAUNDRY	CONCRETE W/ HARDENER	NONE	do	EPOXY	2X4 LAY-IN ACOUSTICAL TILE W/2 HR. RATING	
BOY'S P.E. OFFICE & BATH 46	do	do	do	do	do	SEE REMARKS - FACULTY TOIL. 88 & 108
TREATMENT ROOM	do	do	do	do	do	do
BOY'S LOCKER ROOM	do	do	do	do	do	do
VARSITY LOCKER ROOM	do	do	do	do	do	do
BASKET ROOMS	do	do	do	do	do	do
GIRL'S P.E. OFFICE & BATH 51	CONCRETE TREATED W/HARDENER	NONE	NONE	do	do	do
TOILET 52	do	do	do	do	do	do
GIRL'S LOCKER ROOM	do	do	do	do	do	do
GIRL'S SHOWERS	CERAMIC TILE	do	do	CERAMIC TILE & METAL PATNS Shower Baths are to be Installed	CEMENT PLASTER	
ART CLASSROOM	CONCRETE W/ HARDENER	VINYL	do	PAINTED BLOCK	2X4 LAY-IN ACOUSTICAL TILE W/2HR. RATING	SEE REMARKS - LOBBY 1
HOME EC. 1 & 2	do	do	do	do	do	do
LAUNDRY 56 & CLOSETS 57, 58	do	NONE	do	do	do	do
STORAGE	do	do	do	EXPOSED BLOCK	do	
TOOLS	do	do	do	do	do	
INDUSTRIAL ARTS SHOP	do	do	do	PAINTED BLOCK	do	
INSTRUMENT STORAGE - MUSIC	do	VINYL	do	do	do	SEE REMARKS - LOBBY 1
PRACTICE 1 & 2	do	do	do	do	do	do
OFFICE 1 & 2	do	do	do	do	do	do
ENSEMBLE	do	do	do	do	do	do
INSTRUMENT REPAIR	do	do	do	do	do	do
INSTRUMENTAL MUSIC	do	do	do	do	do	WOOD RISERS - SEE DETAIL
VOCAL MUSIC	do	do	do	do	do	SEE REMARKS - LOBBY 1
STORAGE	do	do	do	do	do	do
LIBRARY - MUSIC	do	do	do	do	do	SEE REMARKS - LOBBY 1

Can we stretch to terrazzo

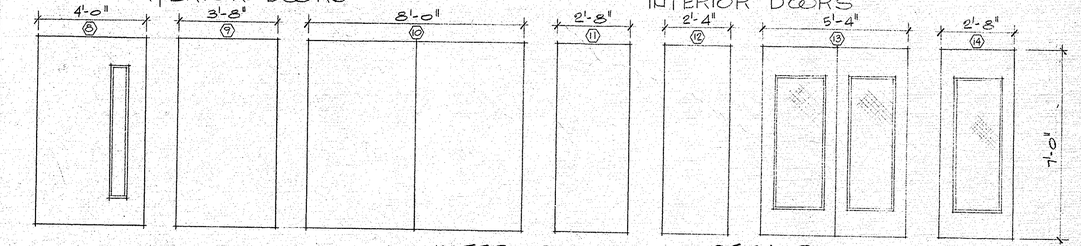
SCHEDULE OF DOORS

MK	SIZE	DESCRIPTION	BUCK	REMARKS
1	PAIR 3'-0" x 7'-0" x 1¾"	SOLID CORE WOOD - PAINT GRADE W/ 8" x 60" WIRE GLASS LIGHT	HOLLOW METAL	
2	3'-0" x 7'-0" x 1¾"	do	do	
3	do	SOLID CORE WOOD - PAINT GRADE	do	(21) PAIR OF (3) W/ TRANSOM
4	PAIR 3'-0" x 7'-0" x 1¾"	SOLID CORE WOOD - PAINT GRADE W/ 8" x 60" WIRE GLASS LIGHT	do	
5	3'-0" x 7'-0" x 1¾"	do	do	
6	do	SOLID CORE WOOD - PAINT GRADE	do	
7	4'-0" x 7'-0" x 1¾"	3-0 SOLID CORE WOOD - PAINT GRADE W/ 8" x 60" WIRE GLS. LT. & 1-0 DEAD-LEAF	do	
8	do	SOLID CORE WOOD - PAINT GRADE W/ 8" x 60" WIRE GLASS LIGHT	do	
9	3'-8" x 7'-0" x 1¾"	SOLID CORE WOOD - PAINT GRADE	do	
10	PAIR 4'-0" x 7'-0" x 1¾"	do	do	
11	2'-8" x 7'-0" x 1¾"	do	do	
12	2'-4" x 7'-0" x 1¾"	do	do	
13	PAIR 2'-8" x 7'-0" x 1¾"	HOLLOW METAL W/ WIRE MESH SCREEN	STEEL SECTIONAL	
14	2'-8" x 7'-0" x 1¾"	do	do	
15	PAIR 3'-0" x 7'-0" x 1¾"	SAME AS (4) W/ 0 LIGHTS	do	(15A) SAME AS 15 EXCEPT 3'-6" WIDTH - EACH LEAF
16	3'-0" x 7'-0" x 1¾"	DUTCH - SAME AS (6)	do	
17	PAIR 3'-0" x 7'-0" x 1¾"	SAME AS (1) W/O LIGHTS	do	
18	35'-0" & 26'-0" x 8'-6½" 32'-0" x 10'-6½"	FOLDING - ACOUSTICAL BI-PARTING (SOUNDMASTER 240 OR EQUAL)	BY MFGR.	(18) MODERNFOLD NO. 800 OR EQUAL. 10'-6½" HIGH SEE PLAN FOR WIDTHS



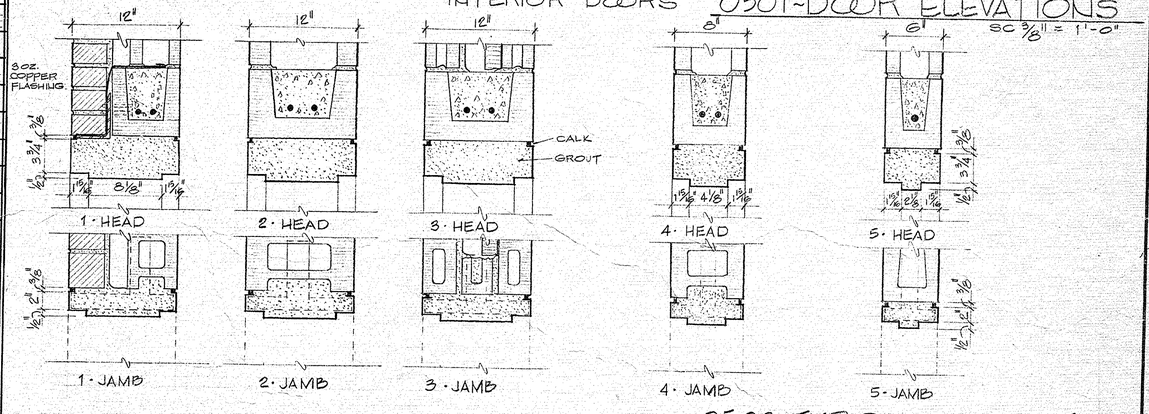
EXTERIOR DOORS

INTERIOR DOORS



INTERIOR DOORS 0501~DOOR ELEVATIONS

SC 3/8" = 1'-0"



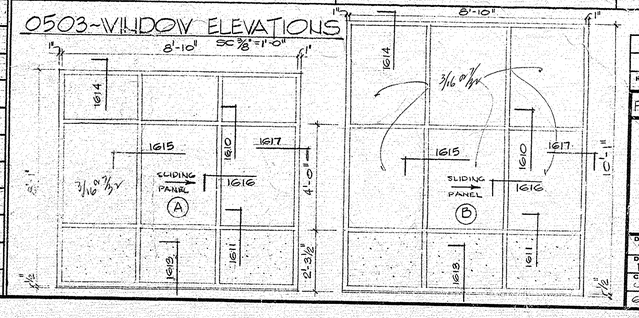
0502~TYPICAL BUCK DETAILS

SC 1½" = 1'-0"

SCHEDULE OF WINDOWS

MK	SIZE	DESCRIPTION	REMARKS
A	8'-10" x 8'-1"	ALUM. SLIDING W/ FIXED LIGHTS & PANELS	SEE WINDOW ELEVATIONS & DETAIL NO. 1610 THRU. 1617
B	8'-10" x 10'-1"	do	do

0503~WINDOW ELEVATIONS



REVISION NO.	DESCRIPTION	DATE	BY

FINISH, DOOR, & WINDOW SCHEDULES

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

Dr. Heyward C. Bellamy Superintendent

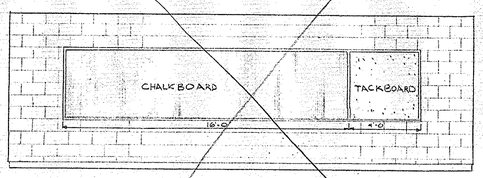
DESIGNED BY	DRAWN BY	CHECKED BY	DATE
VH	DP VH	C.H.S. V.H.	6 JAN '69

LESLIE N. BONEY ARCHITECT

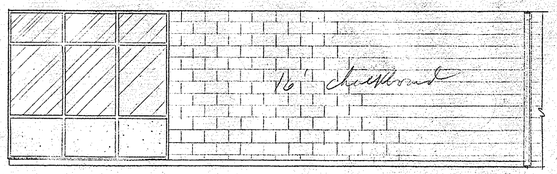
WILMINGTON NORTH CAROLINA

SHEET A5

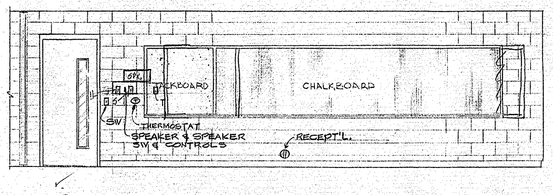
Cabinets this wall



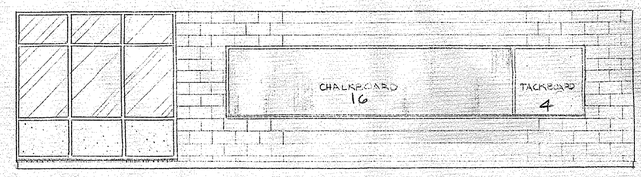
601 ELEVATION - CLASSROOM-TYP.



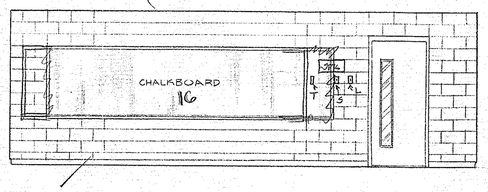
602 ELEVATION - CLASSROOM-TYP.



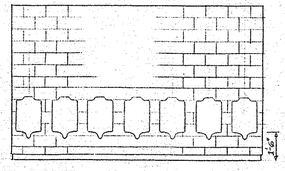
603 ELEVATION - CLASSROOM - TYP.



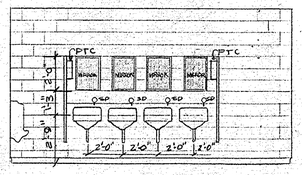
604 ELEVATION-CLASSROOM-TYP.



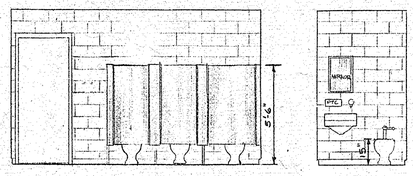
605 ELEVATION-CLASSROOM-TYP.



606 ELEV-BOYS

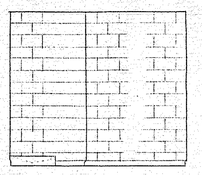


607 ELEV-BOYS

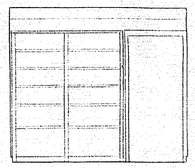


608 ELEV-BOYS

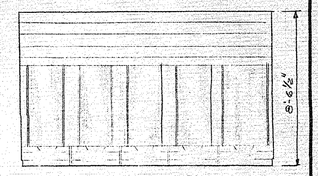
609-ELEV



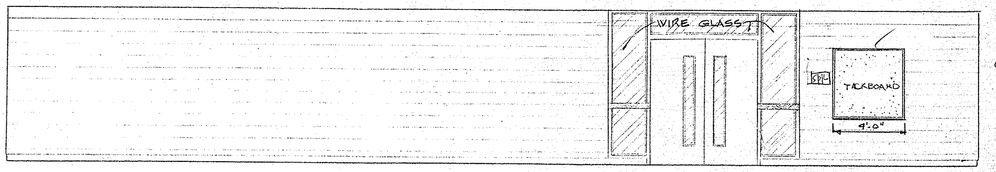
610-ELEV.



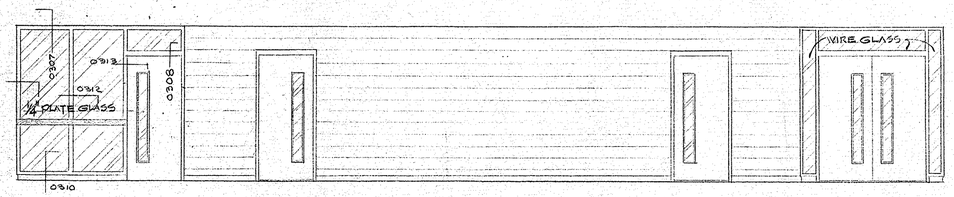
611-ELEV.



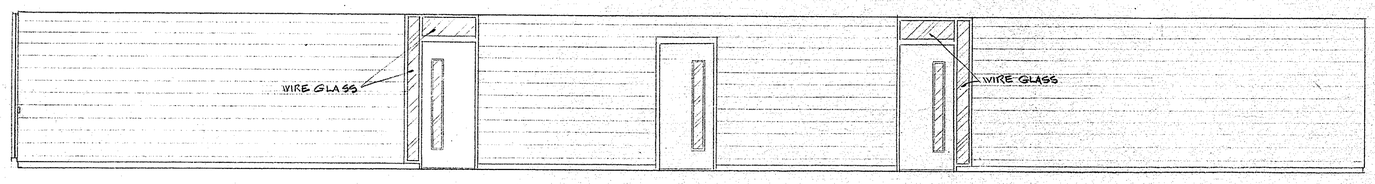
629-ELEV-GIRLS



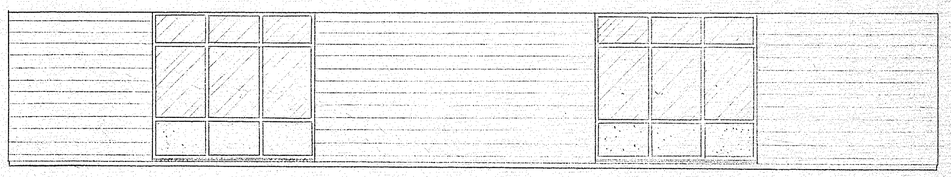
612 ELEVATION READING



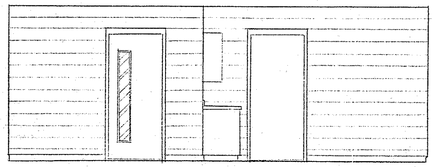
613 ELEVATION READING



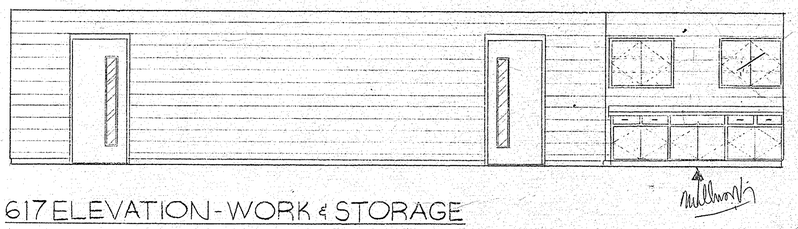
614 ELEVATION READING



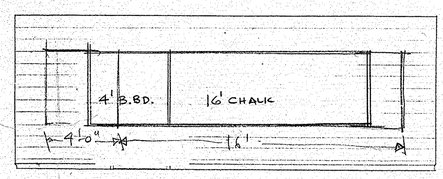
615 ELEVATION READING



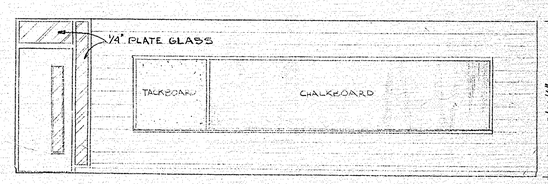
616 ELEVATION-WORK & STORAGE



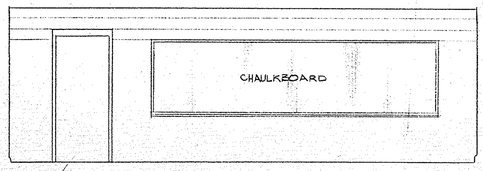
617 ELEVATION-WORK & STORAGE



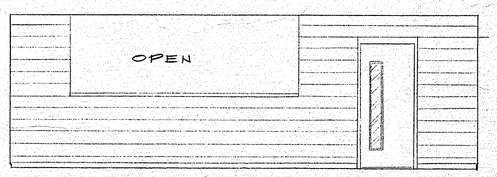
618 ELEVATION-WORK & STORAGE



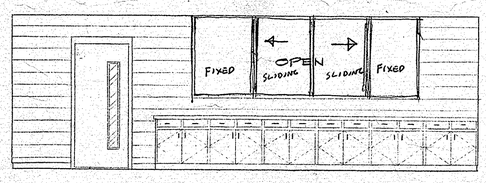
619 ELEVATION - CLASSROOM (110)



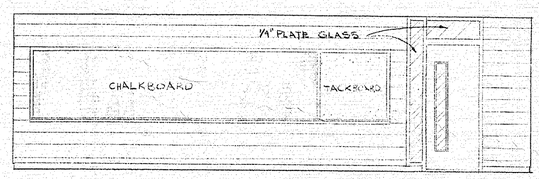
620 ELEVATION - CLASSROOM (110)



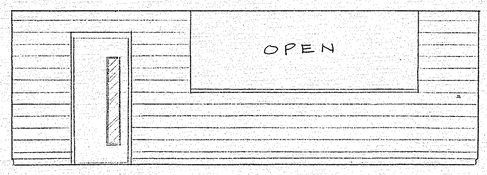
621 ELEVATION - CLASSROOM (110)



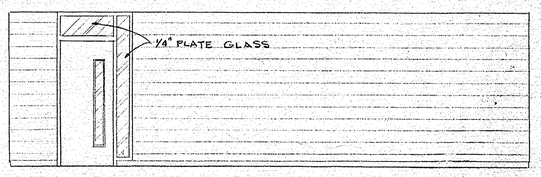
622 ELEVATION - AV WORK



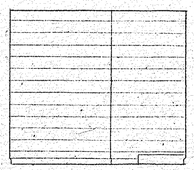
623 ELEVATION - CLASSROOM (112)



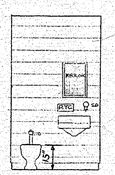
624 ELEVATION - CLASSROOM (112)



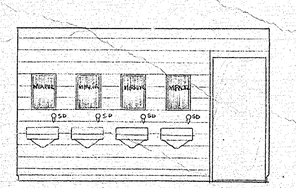
625 ELEVATION - CLASSROOM (112)



626 ELEV.



627 ELEV



628 ELEV-GIRLS

Swinson 791 6778

REVISION NO.	DESCRIPTION	DATE	BY

INTERIOR ELEVATIONS SCALE ¼"=1'-0"

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

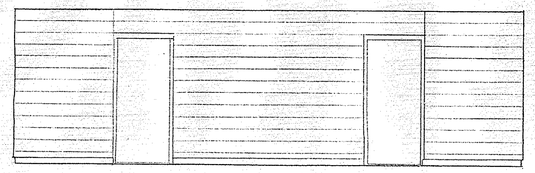
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY	YH
DRAWN BY	JWJ
CHECKED BY	CHS YH
	6 JAN 69

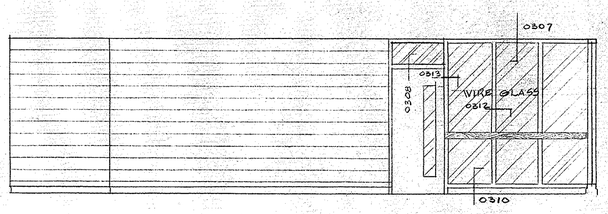
LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

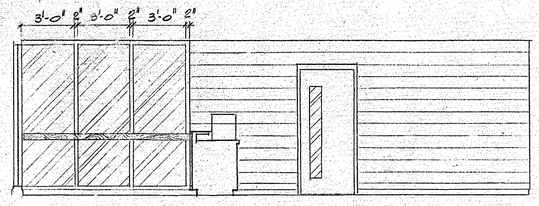
SHEET A6



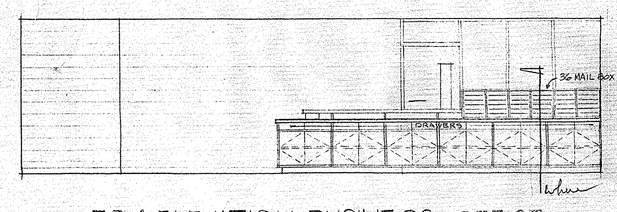
701 ELEVATION - BUSINESS OFFICE



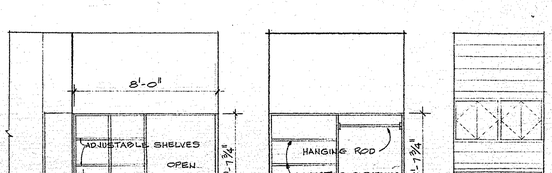
702 ELEVATION - BUSINESS OFFICE



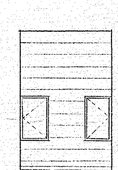
703 ELEVATION - BUSINESS OFFICE



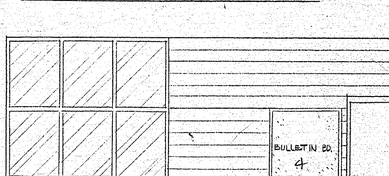
704 ELEVATION - BUSINESS OFFICE



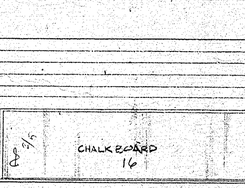
705 ELEVATION - BUSINESS OFFICE



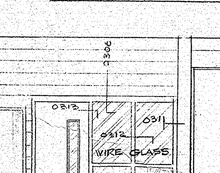
706 - TYP.



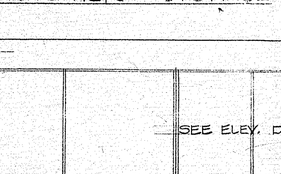
707 - TYP. 708 - ASST. PRIN.



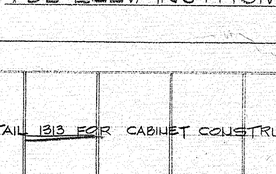
709 - ASST. PRIN.



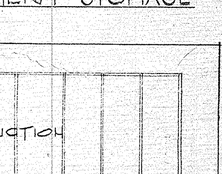
710 - ASST. PRIN.



711 - PRINCIPAL



712 - PRINCIPAL



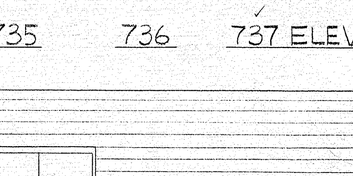
713 - PRINCIPAL



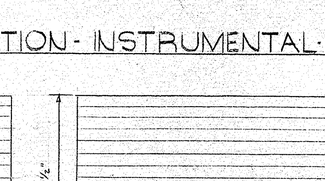
714 - ELEV. KIT.



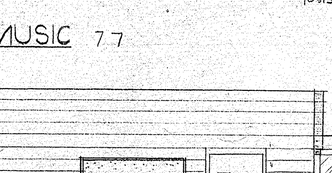
715 - HEALTH R.M.



716 - HEALTH SUITE



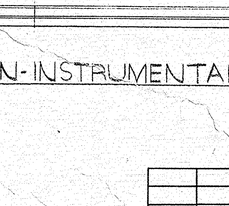
717 - TEACHERS WK. RM. & LOUNGE



718 - TEACHERS WK. RM. & LOUNGE



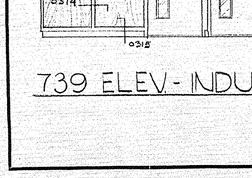
719 - GUIDANCE



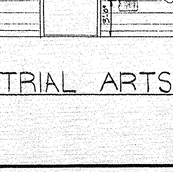
720 - GUIDANCE



721 - GUIDANCE



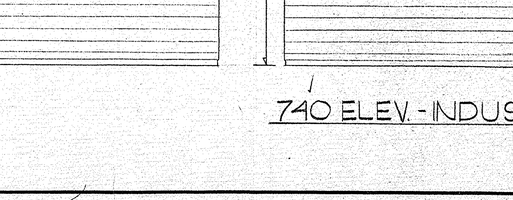
722 - HEALTH R.M.



723 - SUPPLY STORE



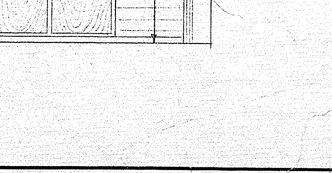
724 - SUPPLY STORE



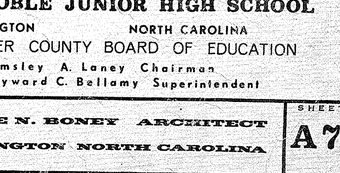
725 - ELEVATION - CORRIDOR 2



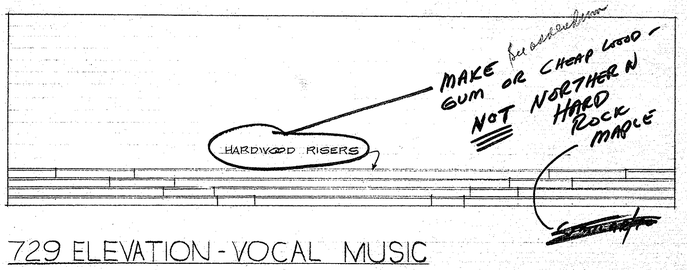
726 - ELEV. - WOMEN



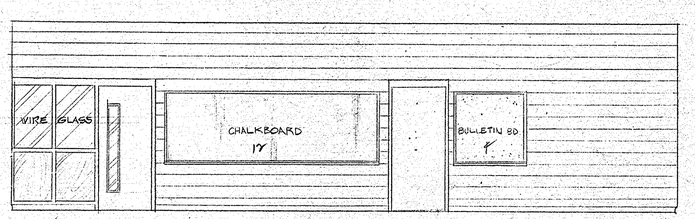
727 ELEV. - MEN



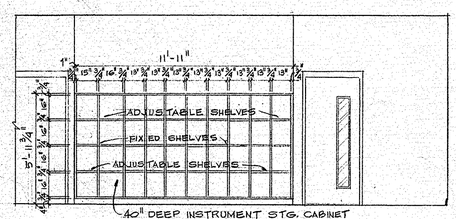
728 ELEV. - MEN



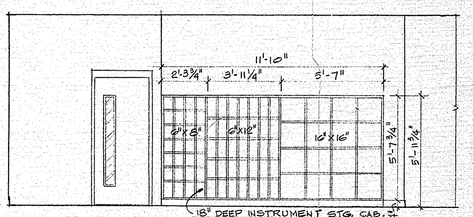
729 ELEVATION - VOCAL MUSIC



730 VOCAL MUSIC 67

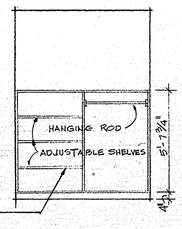


731 - ELEV. INSTRUMENT STORAGE

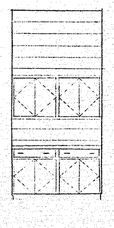


732 - ELEV. INSTRUMENT STORAGE

733 - INST. STOR.

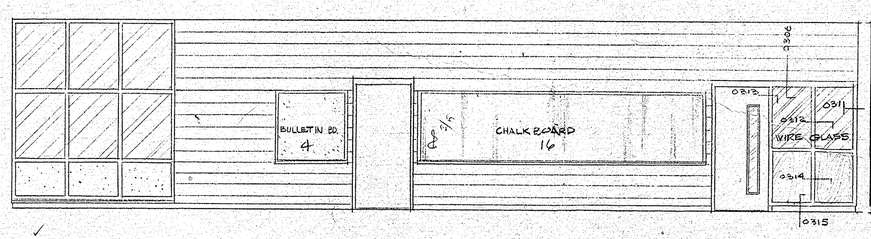


734 - STOR.

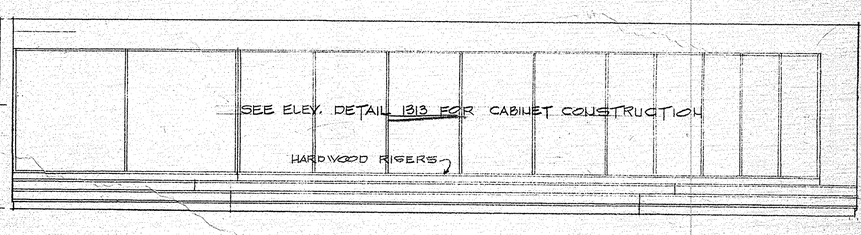


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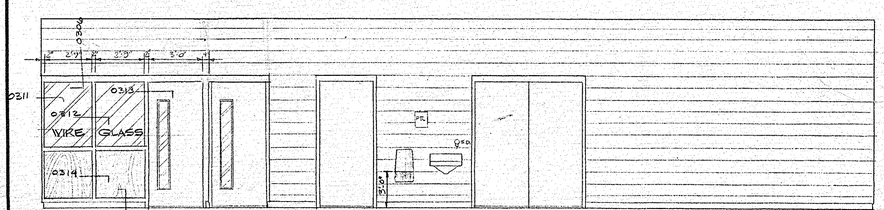
736



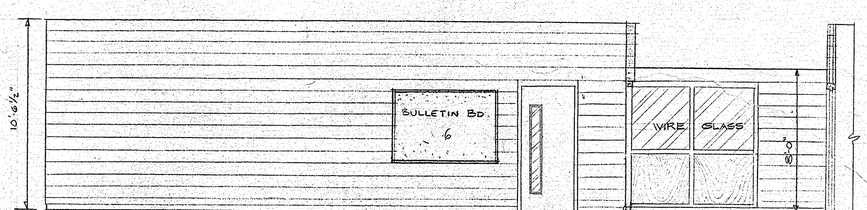
737 ELEVATION - INSTRUMENTAL - MUSIC 77



738 ELEVATION - INSTRUMENTAL - MUSIC



739 ELEV. - INDUSTRIAL ARTS. SHOP



740 ELEV. - INDUSTRIAL ARTS SHOP 63

REVISION NO.	DESCRIPTION	DATE	BY

INTERIOR ELEVATIONS SCALE ¼"=1'-0"

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

Dr. Heyward C. Bellamy Superintendent

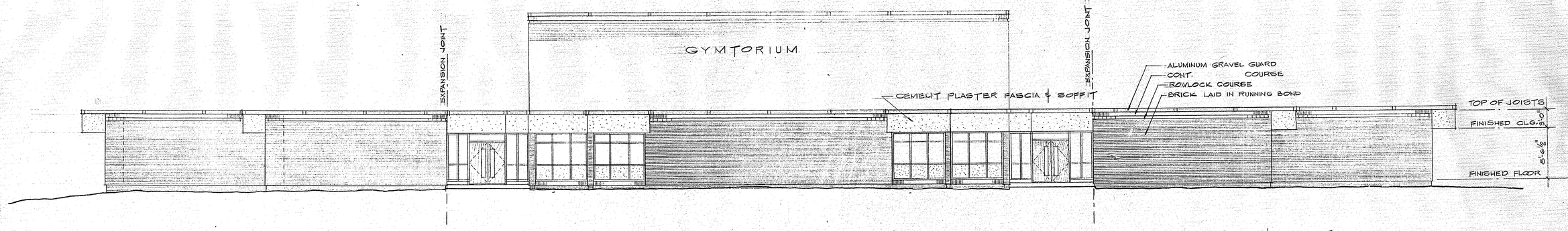
DESIGNED BY	DRAWN BY	CHECKED BY
V.H.	J.W.	C.J.B. V.H.

6 JAN 69

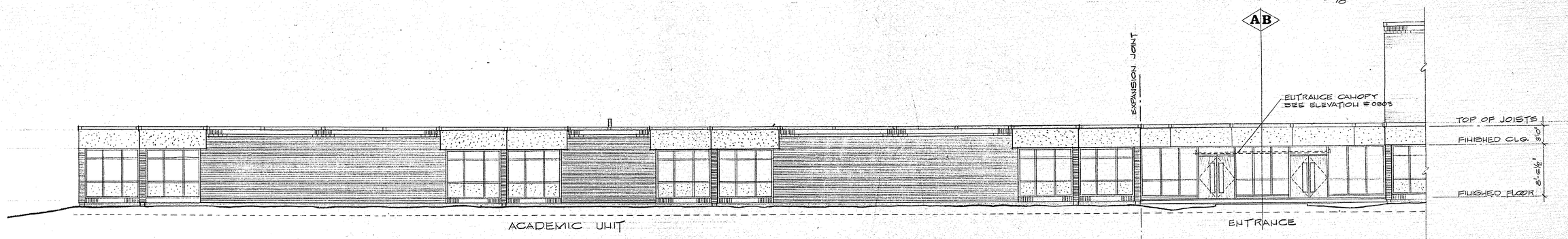
LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

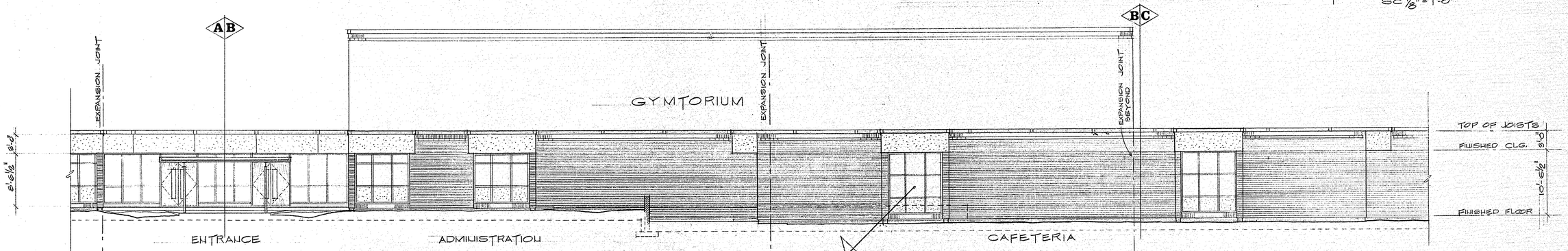
SHEET A7



0801~NORTH ELEVATION
SC 1/8" = 1'-0"



0802~WEST ELEVATION-ACADEMIC UNIT & ENTRANCE
SC 1/8" = 1'-0"



0803~WEST ELEVATION-ADMINISTRATION & CAFETERIA
SC 1/8" = 1'-0"



0804~WEST ELEVATION-CAFETERIA & MUSIC
SC 1/8" = 1'-0"

REVISION NO.	DESCRIPTION	DATE	BY

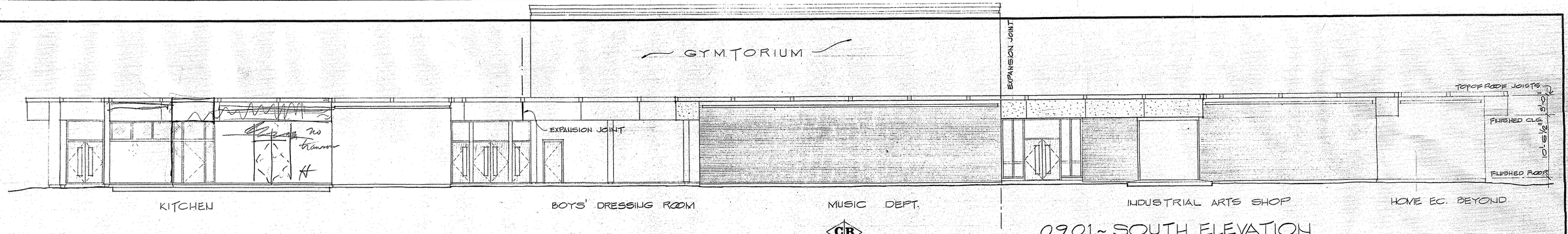
EXTERIOR ELEVATIONS SCALE 1/8" = 1'-0"

M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
Dr. Heyward C. Bellamy Superintendent

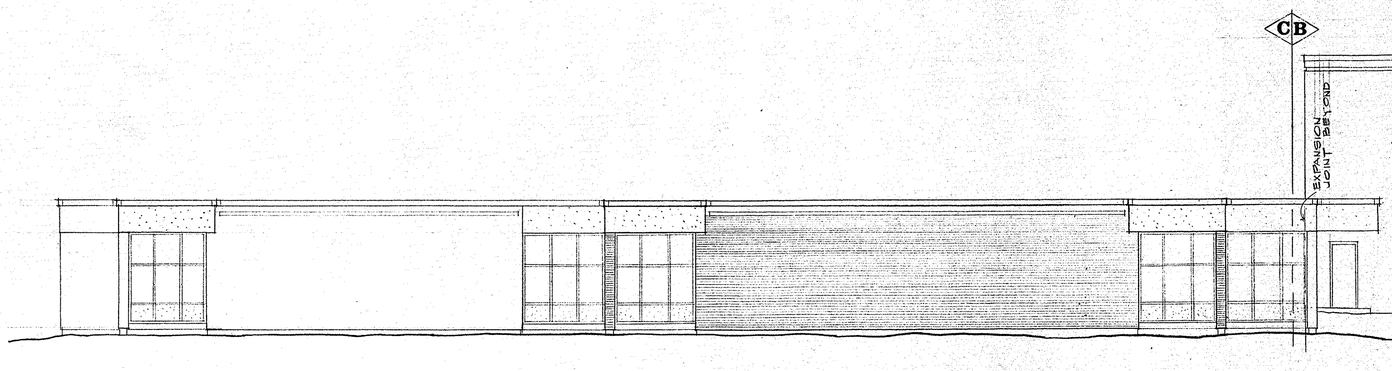
DESIGNED BY	DRAWN BY	CHECKED BY	DATE
VH	VH	C.H.S. V.H.	6 JAN '69

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

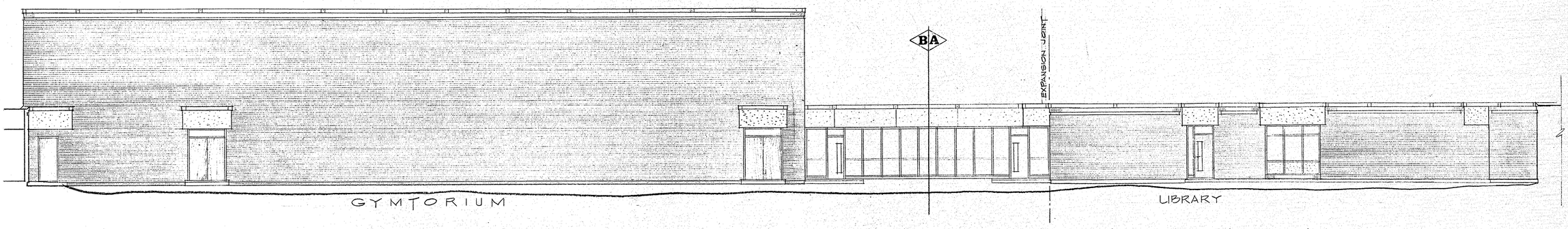
SHEET A8



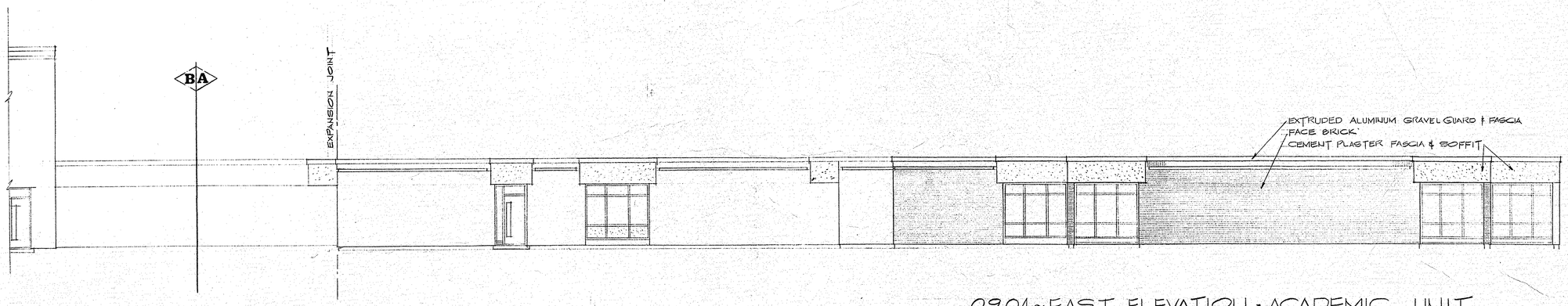
0901~SOUTH ELEVATION



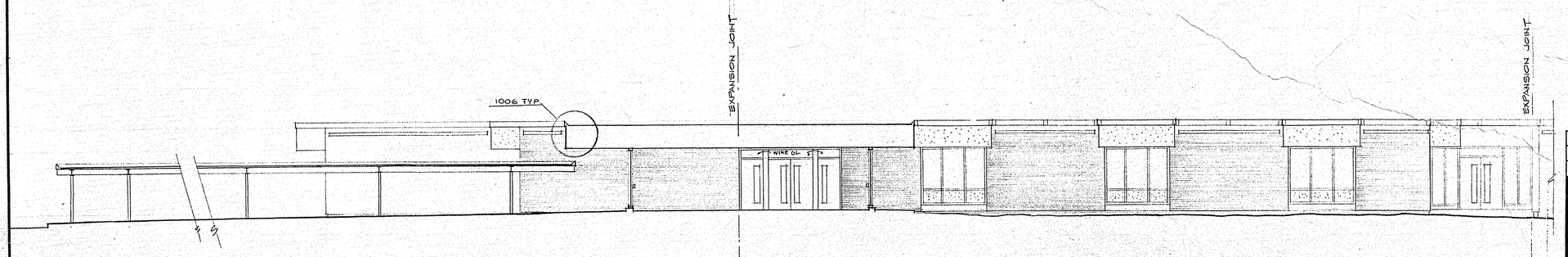
0902~EAST ELEVATION - IND. ARTS & HOME ECONOMICS



0903~EAST ELEVATION - GYMTORIUM & LIBRARY



0904~EAST ELEVATION - ACADEMIC UNIT



0905~SOUTH ELEVATION @ COURT

REVISION NO.	DESCRIPTION	DATE	BY

EXTERIOR ELEVATIONS SCALE 1/8" = 1'-0"

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

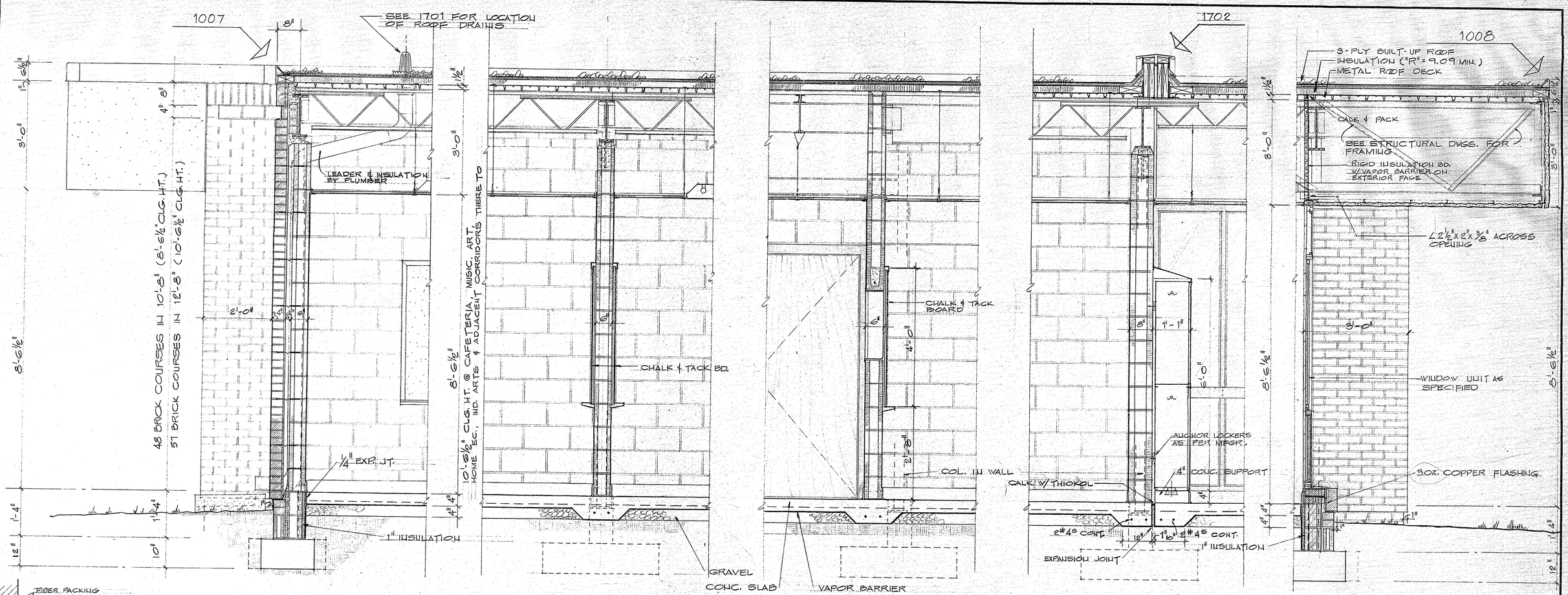
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY	DRAWN BY	CHECKED BY	DATE
VH	VH	CHB VH	6 JAN '69

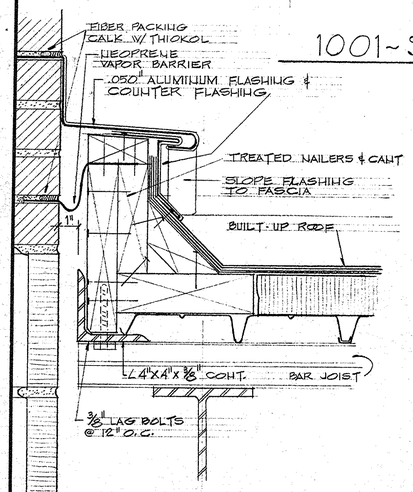
LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

SHEET A9

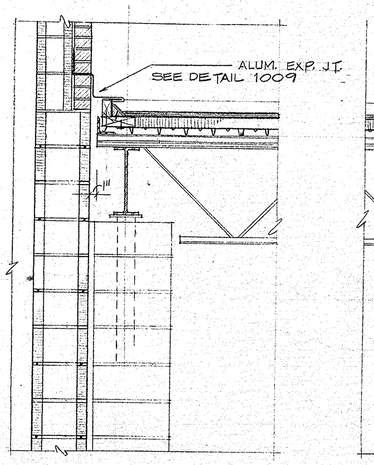


1001~SECTION @ EXT. WALL

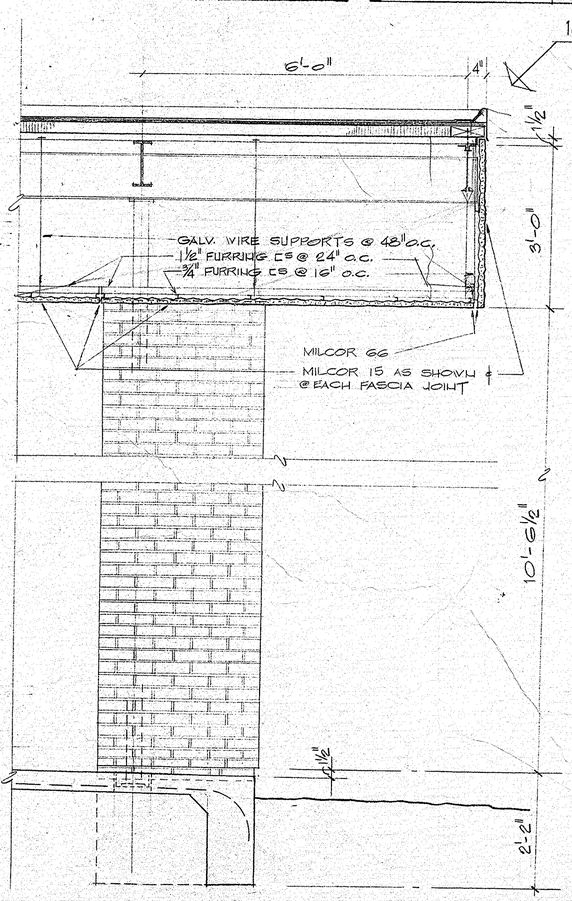


1009~EXPANSION JOINT @ GYM WALL & LOW ROOF
SC 3" = 1'-0"

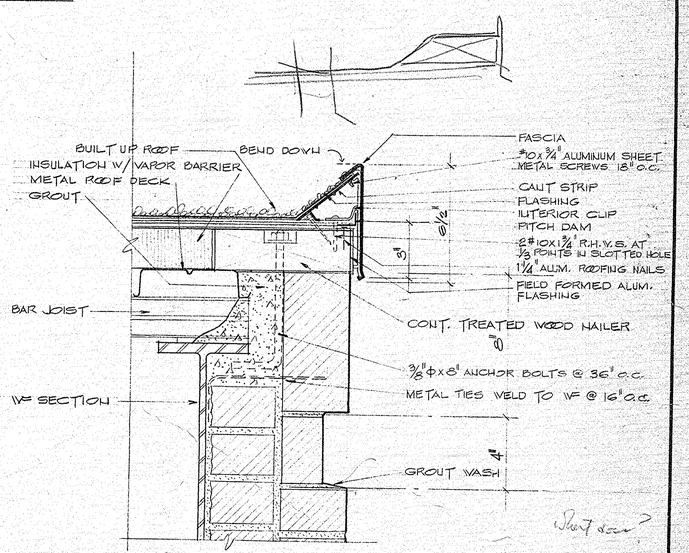
1002~SECTION @ INT. WALLS ~ 1002A



1003~SECTION @ CORRIDOR



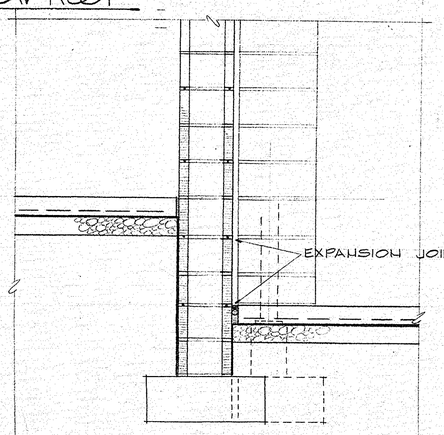
1004~SECTION @ WINDOW



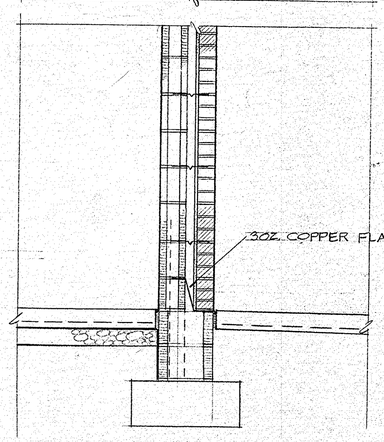
1007~TYPICAL FASCIA DETAIL
SC 3" = 1'-0"

1008 ~ SIMILAR EXCEPT W/ CEM. PLASTER (ANCHOR NAILER W/ 3/8" LAG BOLTS.)

1005~SECTION @ GYM-DRESS'G. ROOM WALL



1006~SECTION @ EXT. WALL - SOUTH CONCOURSE



REVISION No.	DESCRIPTION	DATE	BY

WALL SECTIONS

M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY	VH
DRAWN BY	VH
CHECKED BY	CHD VH
	6 JAN 69

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET A10

1 July 1969

Dixie General Contractors
Wallace, North Carolina

Re: Noble Junior High School
New Hanover County

Gentlemen:

In regard to roof we would like to omit wall grout at:

a. Detail 0302 roof leaders.

b. Detail 1104, 1105, 1103 gym columns.

c. Detail 1105 pipe columns.

Where column occurs in 6" masonry block you can use a butt joint in block and caulk.

Where columns occur in gym, the covering "D" blocks tie to wall with metal wall ties at each course.

Where column or roof leaders occur in the masonry walls install Durawall reinforcing around the columns as best you can.

The purpose of this change is to eliminate the problem of differential movement between masonry and steel frame.

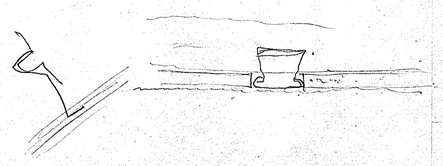
Yours very truly,

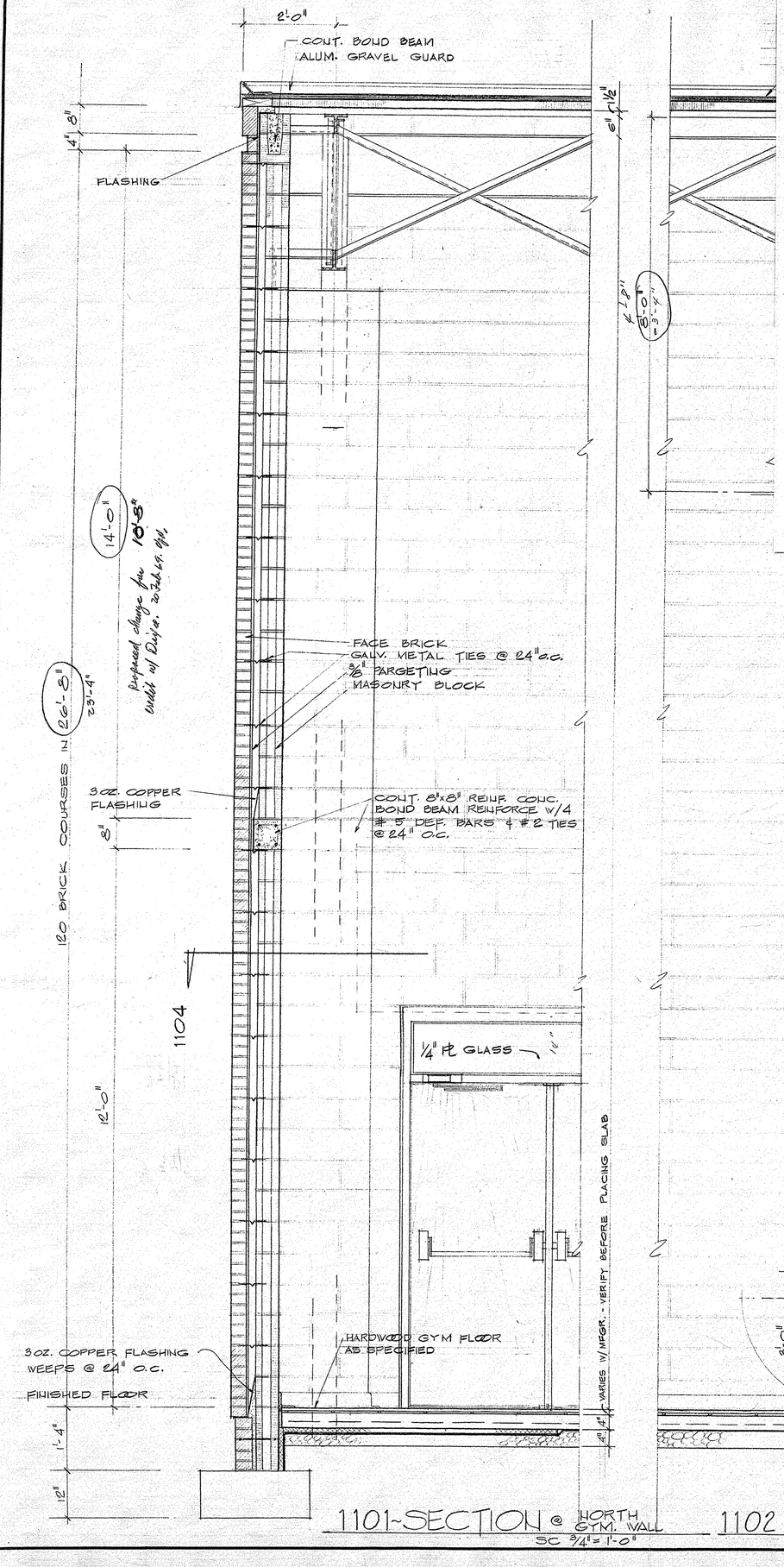
LESLIE N. BONEY, ARCHITECT

By: Leslie N. Boney, Jr.

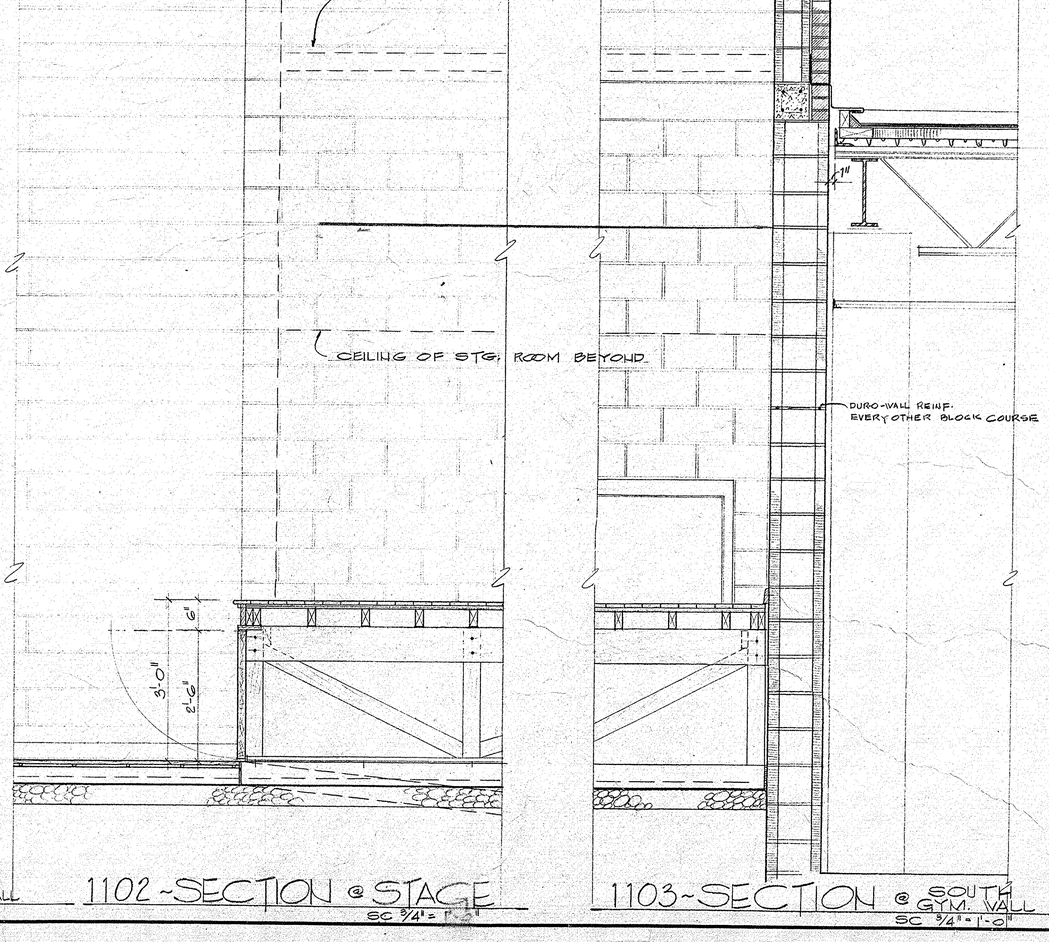
LNBjr:s

CC: Mr. Sam Hunter, Jr.

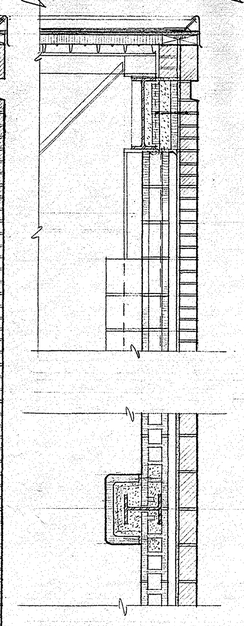




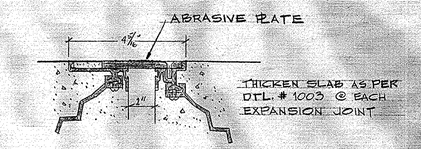
1101~SECTION @ NORTH GYM. WALL
SC 3/4" = 1'-0"



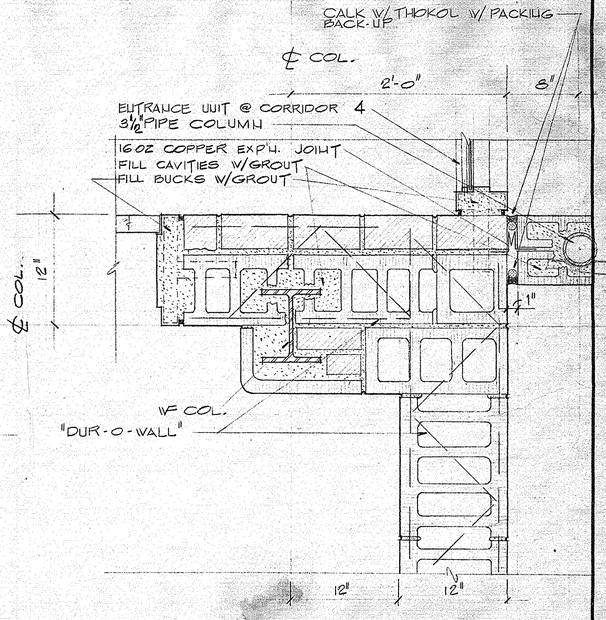
1102~SECTION @ STAGE
SC 3/4" = 1'-0"



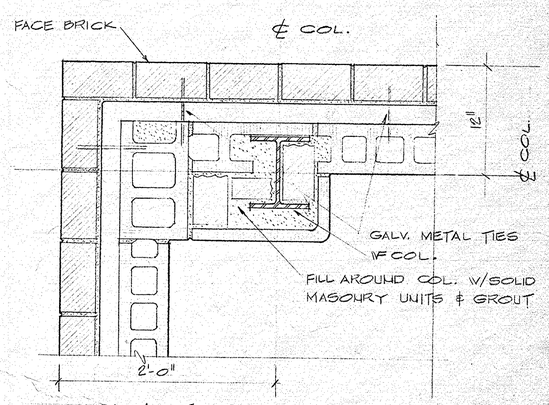
1103~SECTION @ SOUTH GYM. WALL
SC 3/4" = 1'-0"



1106 EXPANSION JOINT - TYPICAL
NTS



1105~CORNER DTL. @ SE CORNER GYM. WALL
(SW CORNER SIMILAR)
SC 1½" = 1'-0"



1104~TYPICAL CORNER DTL.
(NORTH GYM. WALL)
SC 1½" = 1'-0"

REVISION NO.	DESCRIPTION	DATE	BY

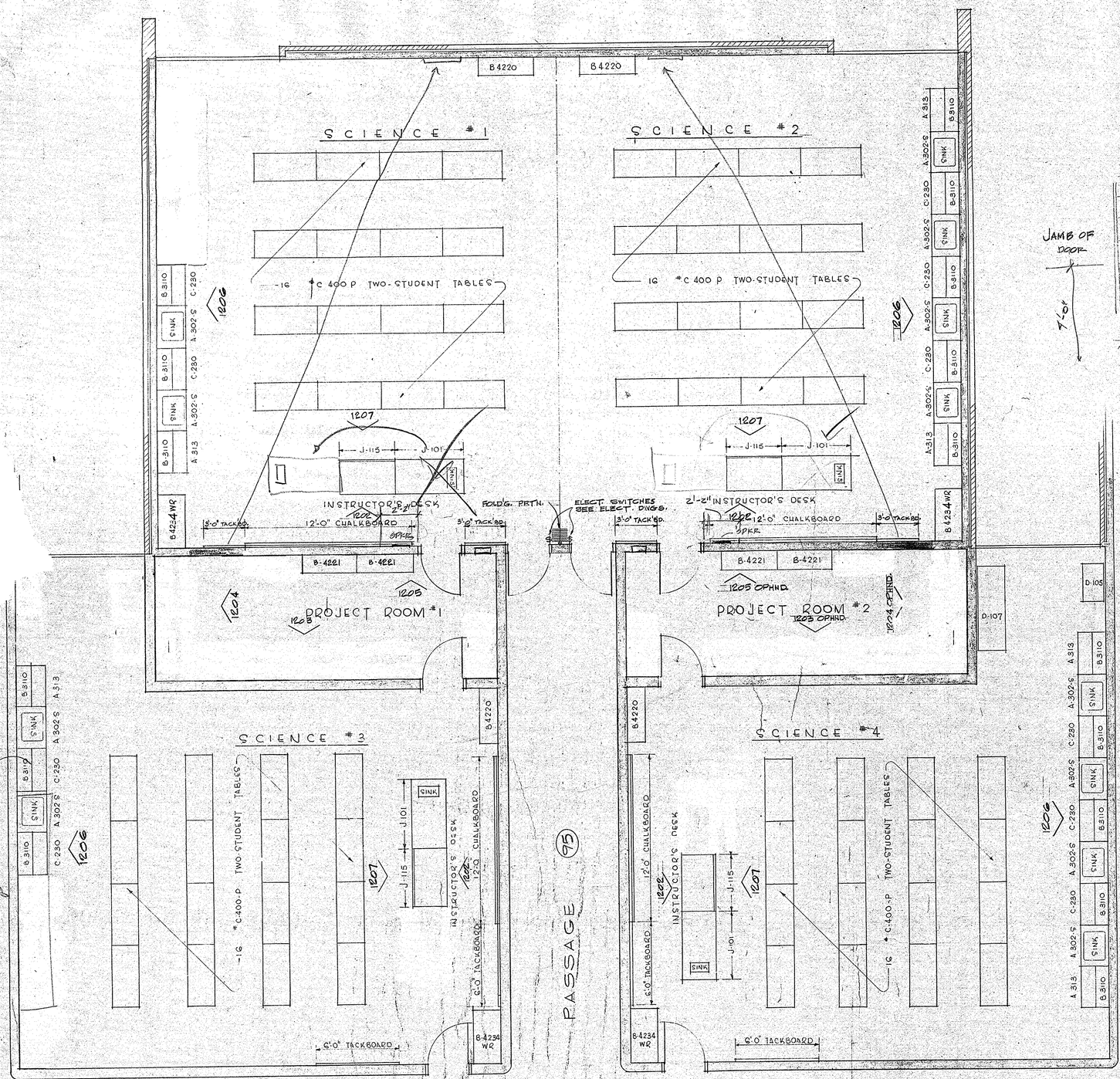
WALL SECTIONS & DETAILS

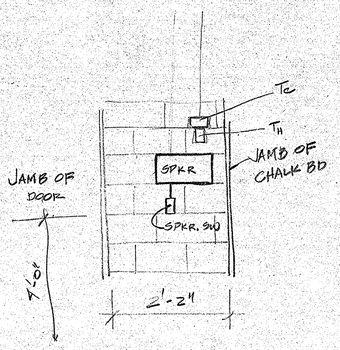
M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
Dr. Heyward C. Bellamy Superintendent

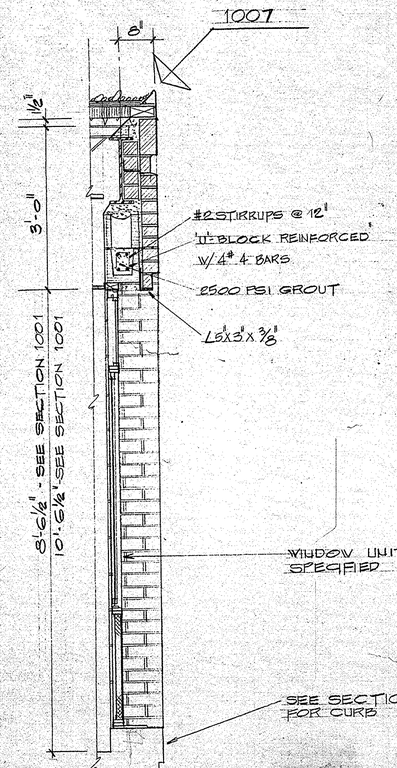
DESIGNED BY	VH
DRAWN BY	VH
CHECKED BY	CHS VH
	6 JAN'69

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET A11







1208 ~ SECTION

ALTERNATE WINDOW INSTALLATION (BASE BID - SEE SPECS.) SC ¾" = 1'-0"

BID ITEM # 1

1201 ~ SCIENCE PLAN

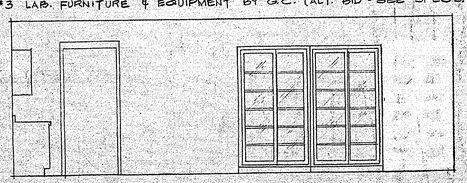
ALL TOPS SHALL BE COLORLITH

GENERAL SCIENCE NOTES:

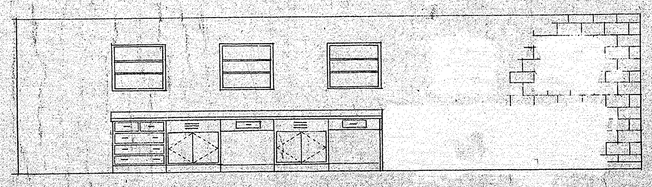
ITEM #1- ALL NUMBERS SHOWN ARE TAKEN FROM SOUTHERN DESK CATALOG #55

#2. TWO PORTABLE LAB DEMONSTRATION TABLES 'LAB MATE' AS MANUFACTURED BY CREATIVE EDUCATIONAL ENTERPRISES OR EQUAL.

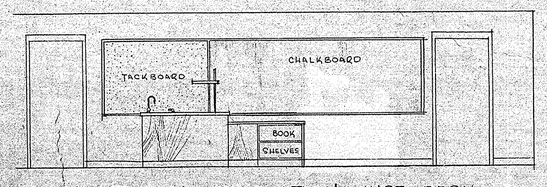
#3 LAB. FURNITURE & EQUIPMENT BY G.C. (ALT. BID - SEE SPECS.)



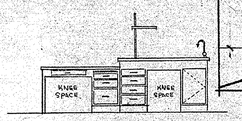
1205 ~ ELEVATION - PROJECT ROOM



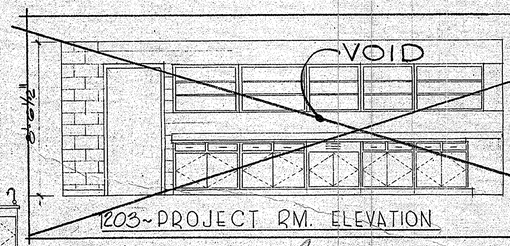
1206 ~ TYPICAL SCIENCE ROOM ELEVATION



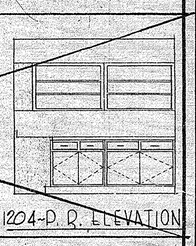
1207 ~ TYPICAL ELEVATION INST. DESK



1202 ~ REAR ELEVATION INST. DESK



1203 ~ PROJECT RM. ELEVATION



1204 ~ P. R. ELEVATION

Revised

REVISION NO.	DESCRIPTION	DATE	BY
1	REVISED SCIENCE PLAN & DETAILS	31 JAN '69	VH

1/4" SCIENCE PLAN & DETAILS

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

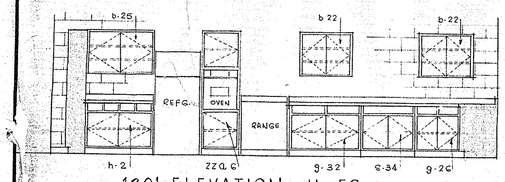
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY	DRAWN BY	CHECKED BY	DATE
WJH VH	WJH VH	VH CHB	6 JAN '69

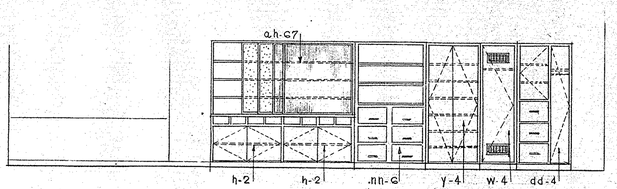
LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

SHEET A12

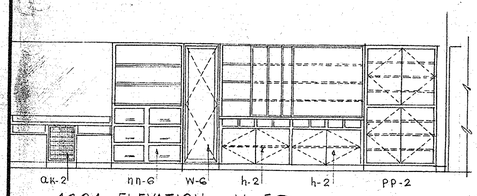


1301 ELEVATION H. EC.

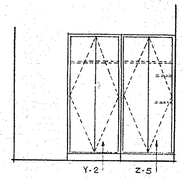


1302 ELEVATION H. EC.

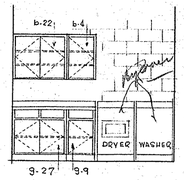
1303 ELEVATION H. EC.



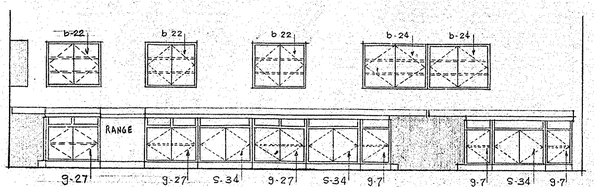
1304 ELEVATION H. EC.



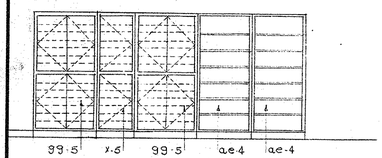
1305 ELEV. LAUNDRY



1306 ELEV. LAUNDRY



1307 ELEVATION H. EC.



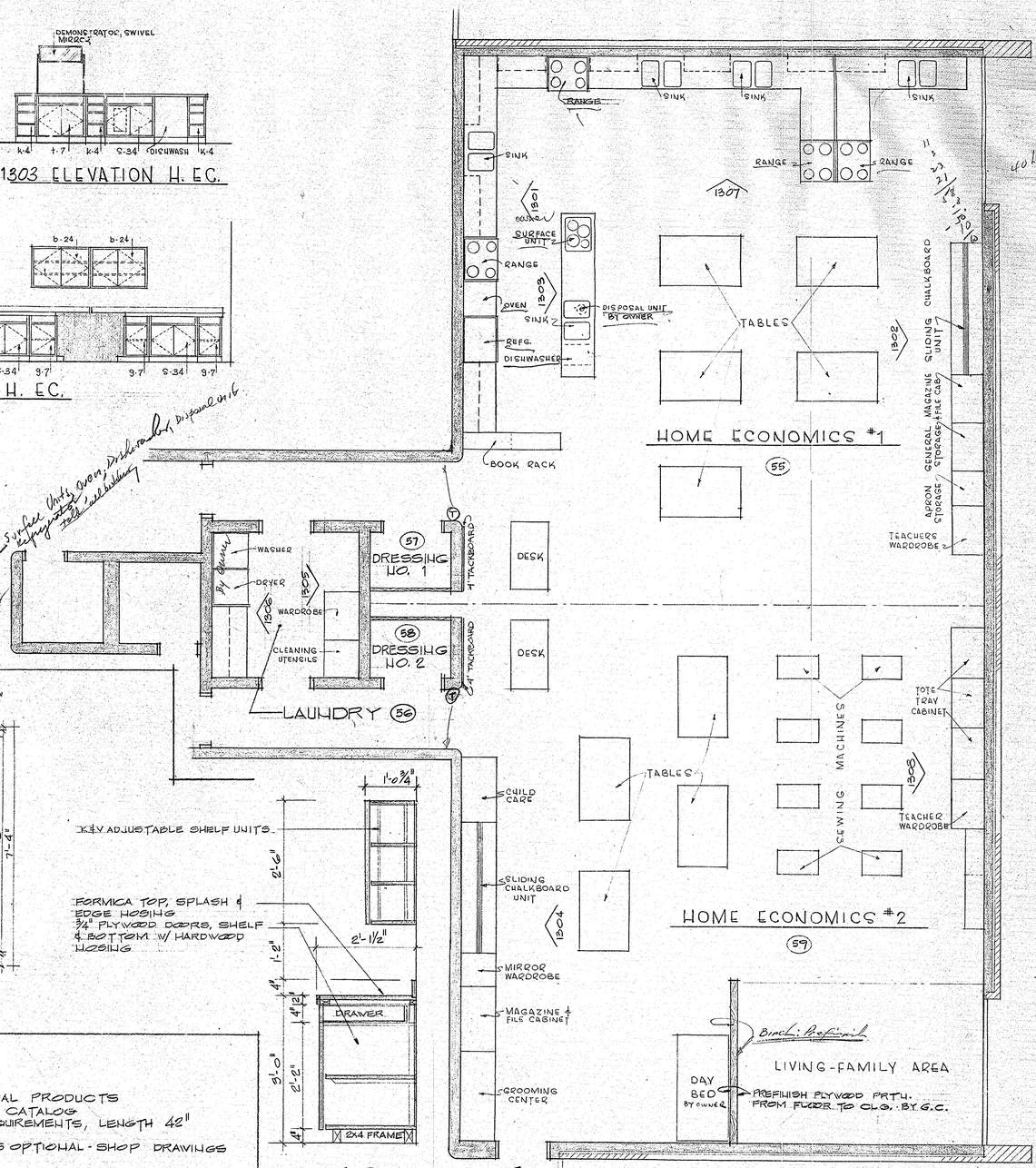
1308 ELEVATION H. EC.

HOME ECONOMICS NOTES:

ITEM #1. ALL CABINET NUMBERS ARE FROM COLONIAL PRODUCTS COMPANY'S YORKTOWNE MODULE-LINE CATALOG

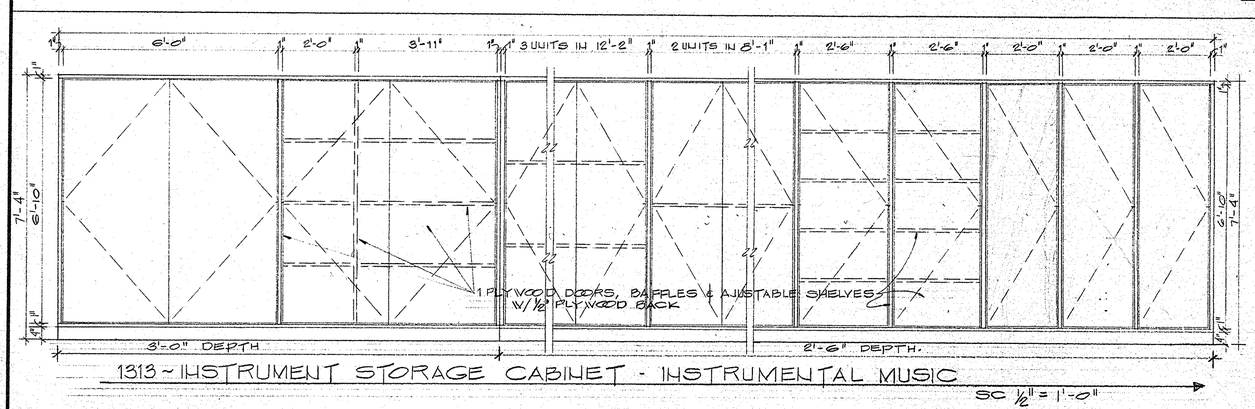
#2. TABLES, CHAIRS, DESKS, SEWING MACHINES, WASHING MACHINE & DRYER AND RANGE UNITS ARE BY OWNER; ALL OTHER WORK IS IN THIS CONTRACT. SEE SPECS. Surface Unit, Oven, Dishwasher, Disposal unit by Owner; Refrig. by Owner; Sink, all Cabinetry Furnished by G.C.

#3. G.C. MAY PROVIDE MILLWORK OPTION SHOP DRAWING REQUIRED.



1309 ~ FLOOR PLAN - HOME ECONOMICS

SC 1/4" = 1'-0"

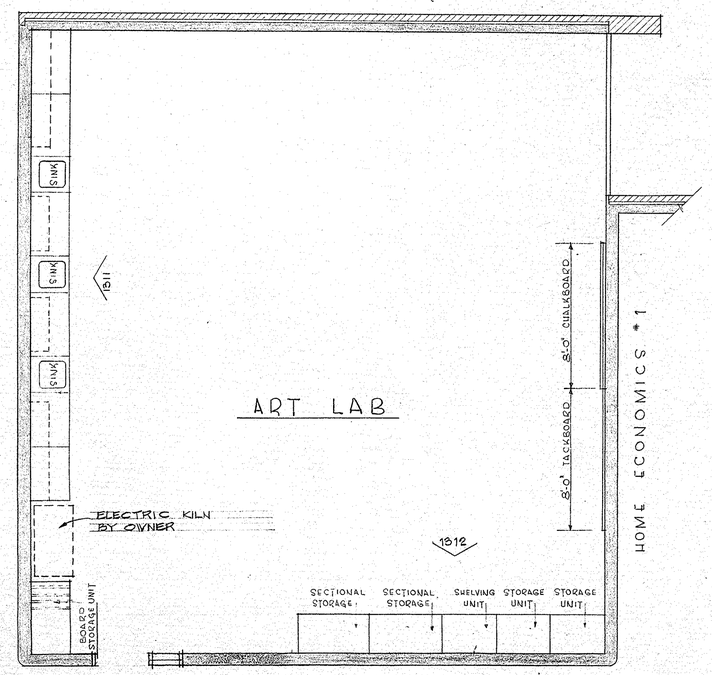


1313 ~ INSTRUMENT STORAGE CABINET - INSTRUMENTAL MUSIC

SC 1/2" = 1'-0"

1314 ~ TYPICAL CABINET

(ALL CABINETS EXCEPT FURNITURE UNITS) SC 3/4" = 1'-0"

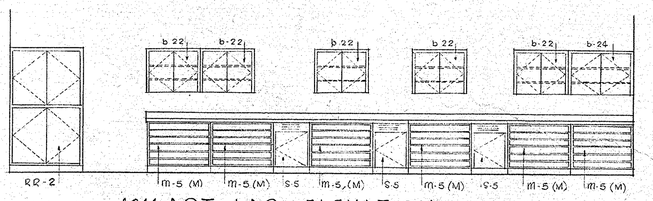


1310 ~ FLOOR PLAN - ART LAB

SC

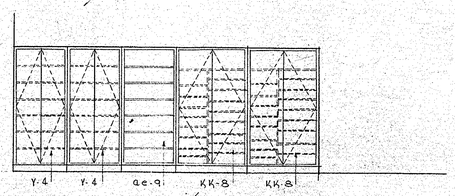
ART LAB NOTES:

1. ALL CABINET NUMBERS ARE FROM COLONIAL PRODUCTS COMPANY'S YORKTOWNE MODULE-LINE CATALOG
2. M-5 (M) = MODIFIED IN ORDER TO MEET REQUIREMENTS, LENGTH 42"
3. APPROVED EQUAL - SEE SPECS.
4. G.C. MAY PROVIDE MILLWORK CABINETS AS OPTIONAL - SHOP DRAWINGS REQUIRED.



1311 ART LAB ELEVATION

SCALE 1/4" 1'-0"



1312 ART LAB ELEVATION

SCALE 1/4" = 1'-0"

REVISION No.	DESCRIPTION	DATE	BY

HOME ECONOMICS & ART LABS.

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

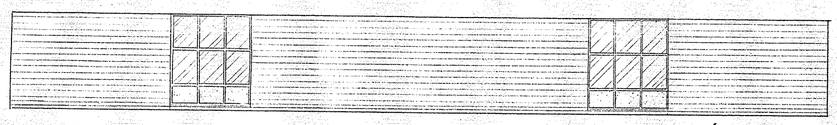
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY	WJH VH
DRAWN BY	WJH
CHECKED BY	CHIS VH
	6 JAN 69

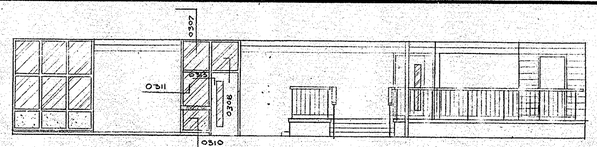
LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

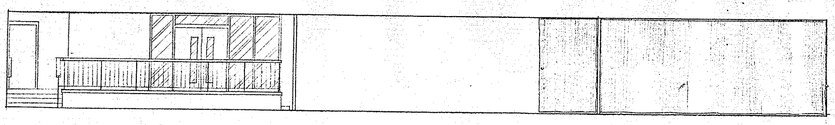
SHEET A13



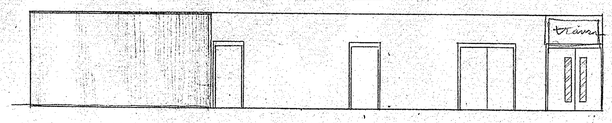
1414 - CAFETERIA



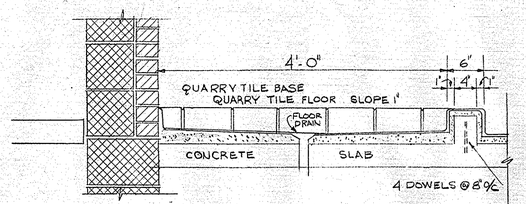
1415 ~ ELEVATION - CAFETERIA



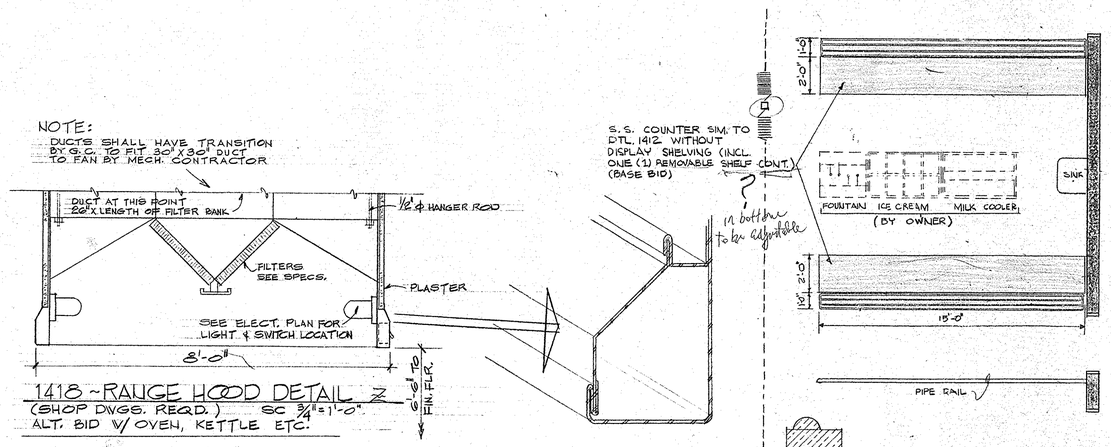
1416 ELEVATION - CAFETERIA



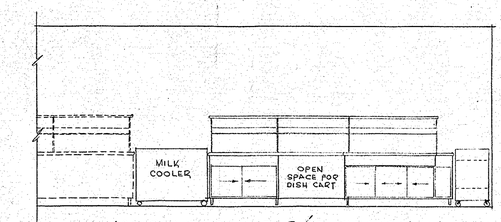
1417 ELEVATION - CAFETERIA



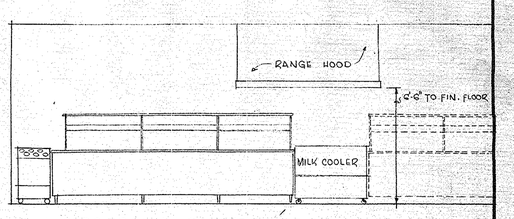
1405 CAN WASH FLOOR & CURB DETAIL
SCALE: 1" = 1'-0"



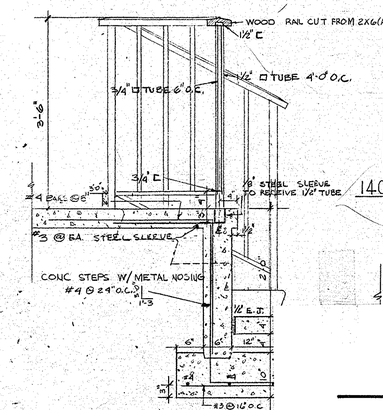
1418 ~ RANGE HOOD DETAIL
(SHOP DWGS. REQ'D.) SC 3/4"=1'-0".
ALT. BID W/ OVEN, KETTLE ETC.



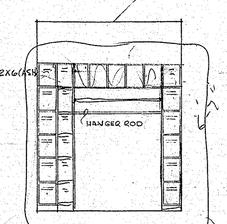
1401 REAR COUNTER ELEVATION
SCALE ¼" = 1'-0"



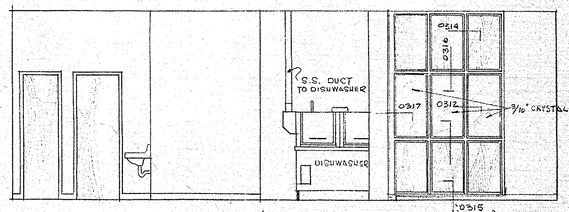
1402 FRONT COUNTER ELEVATION
SCALE ¼" = 1'-0"



1419 ~ RA

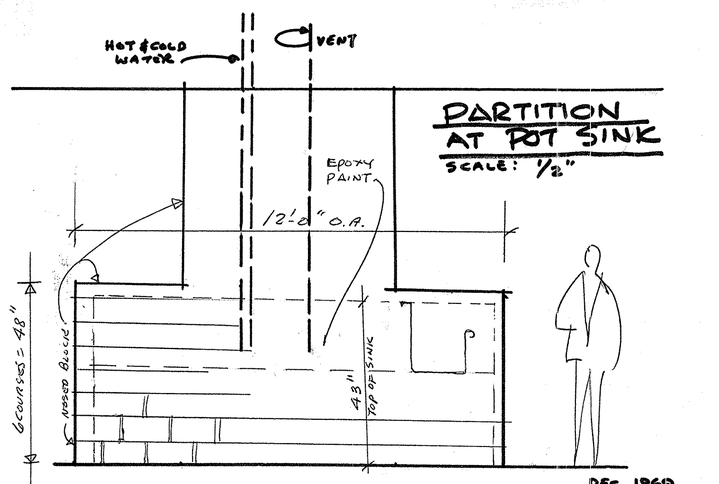


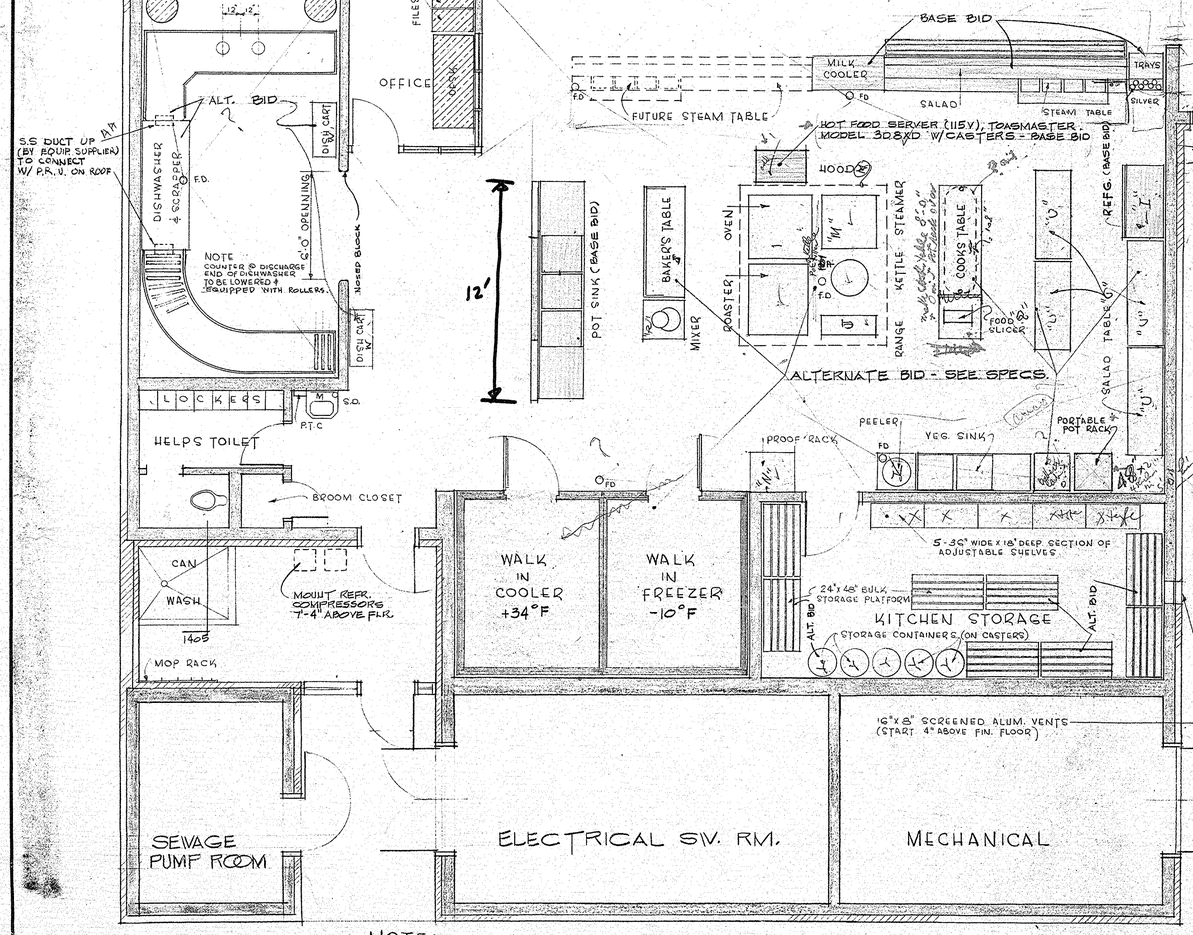
1404 ELEV. HELP'S TOILET
SCALE ½" = 1'-0"

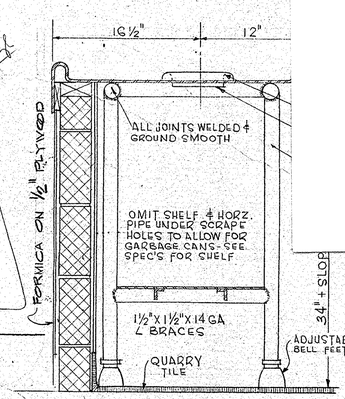


1403 ELEVATION @ KITCHEN
SCALE ¼" = 1'-0"

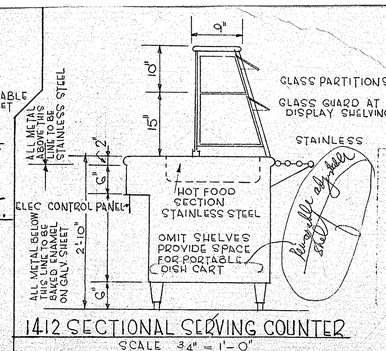
1408



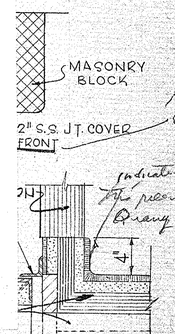




1413 TYPICAL DISH COUNT.
SCALE 1½" = 1'-0"



1412 SECTIONAL SERVING COUNTER
SCALE 3/4" = 1'-0"



1411 SECTION

NOTE:
ALL KITCHEN EQUIPMENT & OR FURNITURE SHOWN THUSLY ▨ SHALL BE BY OWNER

ALL KITCHEN EQUIP. SHOWN ▭ SHALL BE UNDER ALTERNATE BID

REVISION No.	DESCRIPTION	DATE	BY

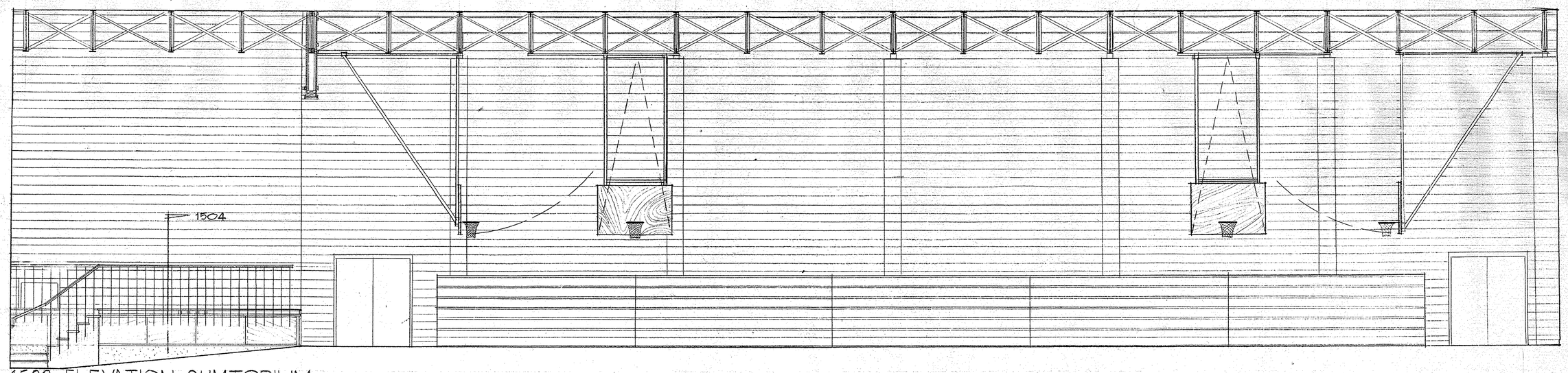
¼" KITCHEN PLAN & DETAILS

M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
Dr. Heyward C. Bellamy Superintendent

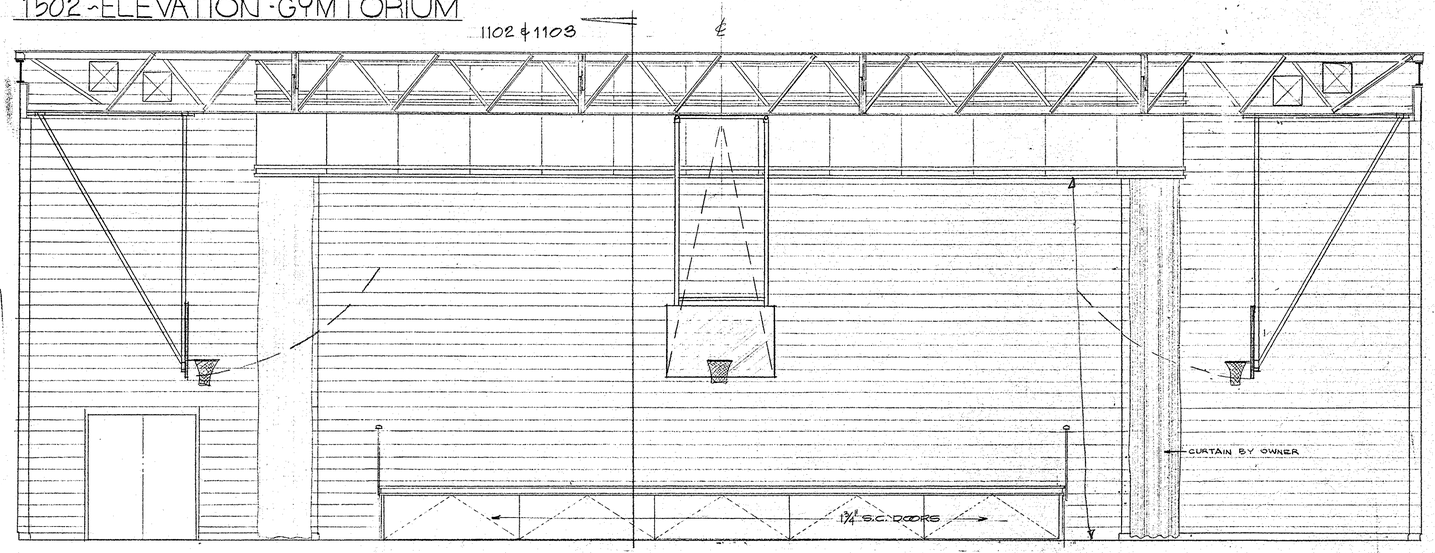
DESIGNED BY	WJH YH
DRAWN BY	WJH
CHECKED BY	CHS YH
6 JAN '69	

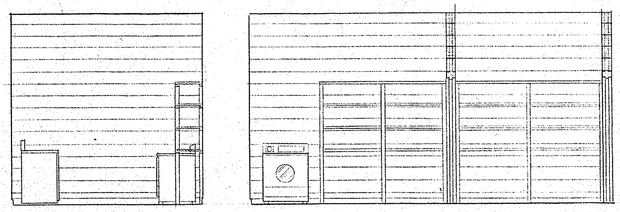
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET A14

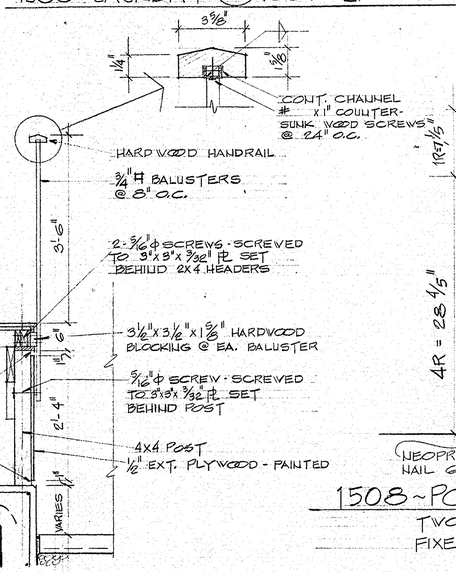


1502 ~ ELEVATION - GYMTORIUM



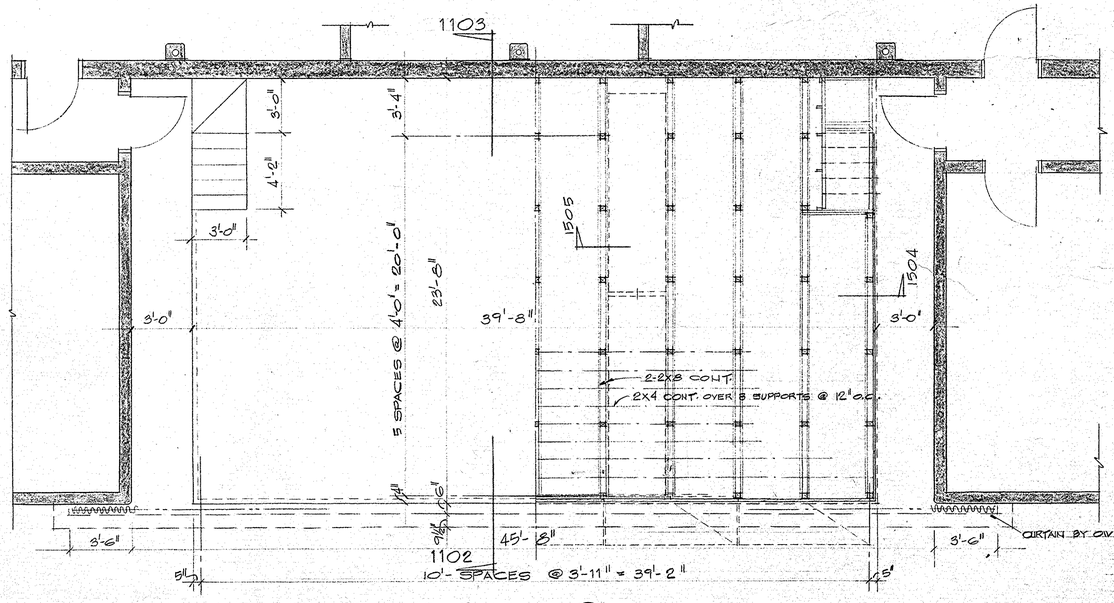


1506 ~ LAUNDRY (42) 1507 ~ LAUNDRY ~ STORAGE

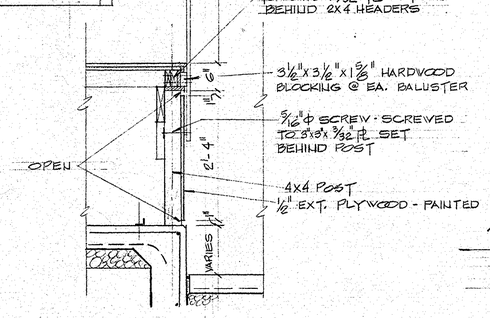


1508 ~ PORTABLE 3' "STEPS" UNIT.
TWO REQUIRED
FIXED STEPS SIMILAR
SC 1½" = 1'-0"

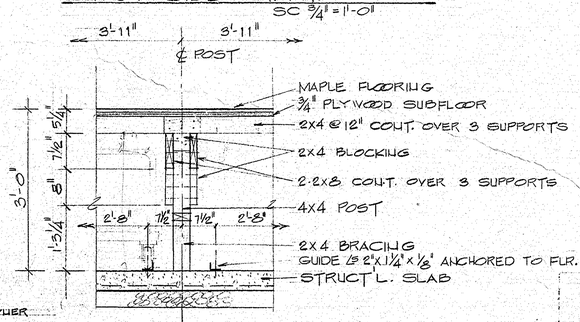
1503 ~ ELEVATION - GYMTORIUM PLATFORM



1501 ~ FLOOR PLAN - STAGE (30)
SC ¼" = 1'-0"



1504 ~ SIDE @ RAMP
SC ¾" = 1'-0"



1505 ~ STAGE POST DTL.
SC ¾" = 1'-0"

REVISION NO.	DESCRIPTION	DATE	BY

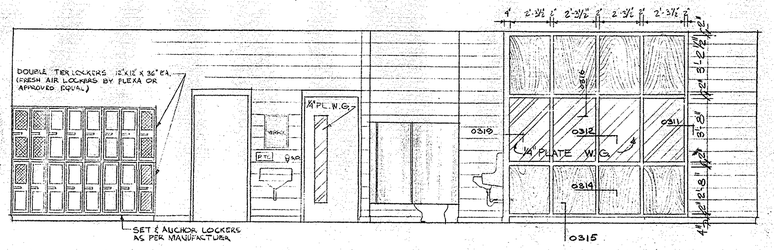
STAGE PLAN & GYMTORIUM ELEVATIONS

M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
Dr. Heyward C. Bellamy Superintendent

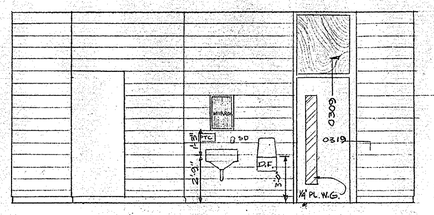
DESIGNED BY	VH
DRAWN BY	JW VH
CHECKED BY	GHB VH
	6 JAN '69

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

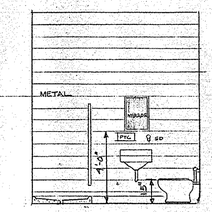
SHEET A15



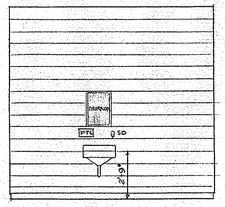
1601 ELEV.~ BOYS LOCKER RM



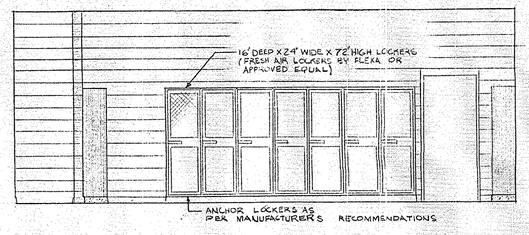
1602~ ELEV.~ BOYS LKR. RM.



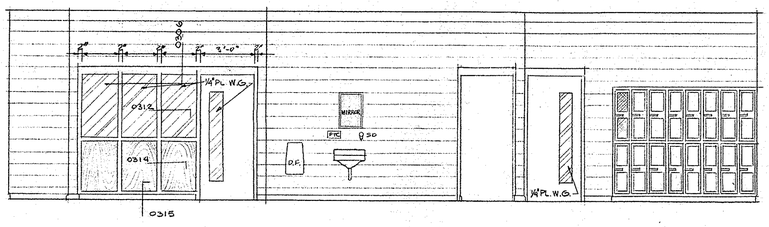
1603~ ELEV.

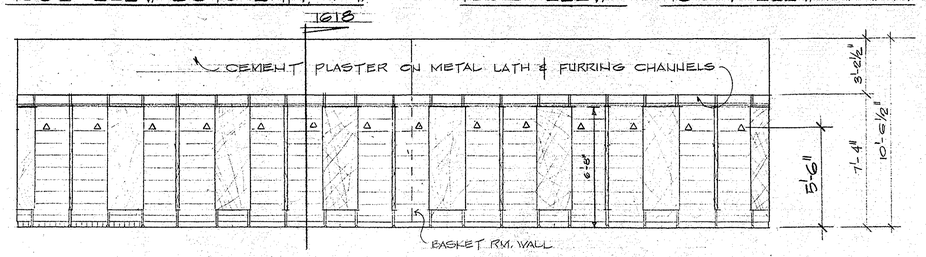


1604~ ELEV. TRMT. RM.

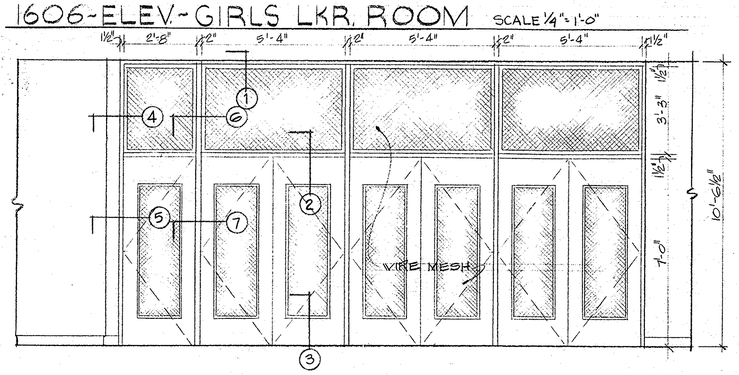


1605~ ELEV.~ VARSITY LKR. RM.

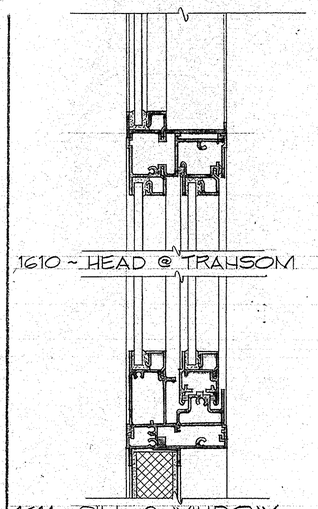




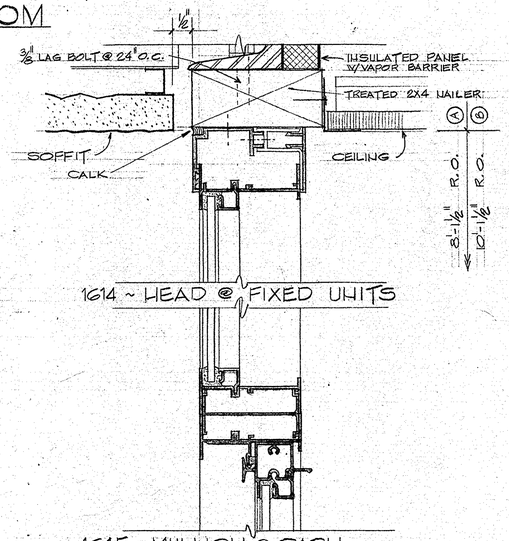
1606~ ELEV.~ GIRLS LKR. ROOM SCALE ¼"=1'-0"



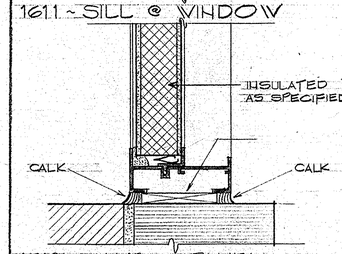
1607~ ELEV.~ GIRLS LKR. ROOM



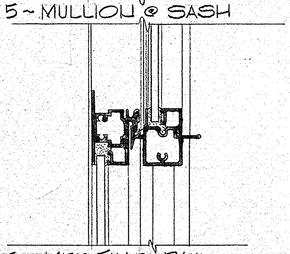
1610~ HEAD @ TRANSOM



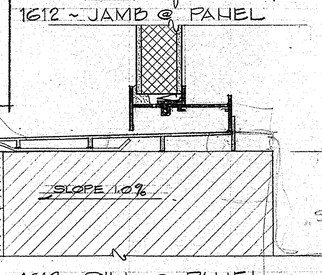
1614~ HEAD @ FIXED UNITS



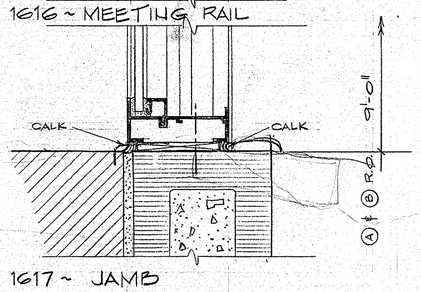
1611~ SILL @ WINDOW



1615~ MULLION @ SASH



1612~ JAMB @ PANEL

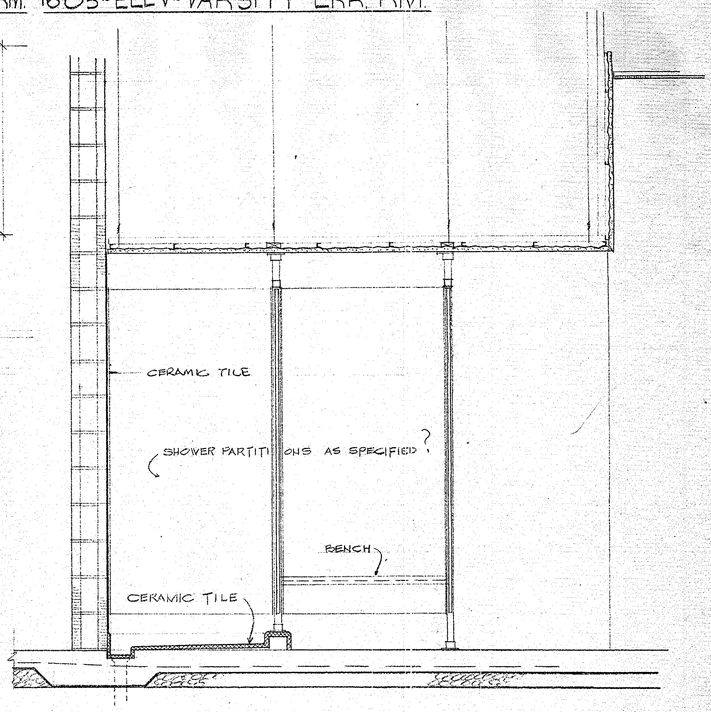


1616~ MEETING RAIL

1613~ SILL @ PANEL

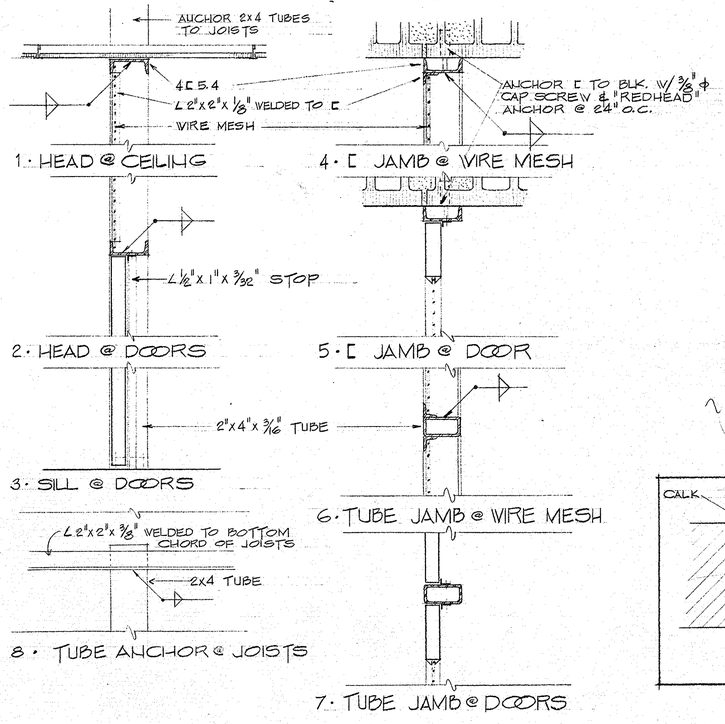
1617~ JAMB

WINDOW DETAILS



1618~ SECTION @ GIRLS' SHOWER SC ¾"=1'-0"

1608~ ELEV.~ BASKETS (TYPICAL) SCALE ⅜"=1'-0"



1609~ TYPICAL DTLS. @ BASKET STORAGE SC 1½"=1'-0"

1 July 1969

Re: Noble Junior High School
New Hanover County

Dixie General Contractors
Wallace, North Carolina

Gentlemen:

Following our telephone conversation we are using the metal shower partitions.

We understand that you are using ceramic tile for the floors and that they will be installed with floor drains as per the original plans.

We are advising Mr. Goodyear of this by copy of this letter.

Yours very truly,

LESLIE N. BONEY, ARCHITECT

By: Leslie N. Boney, Jr.

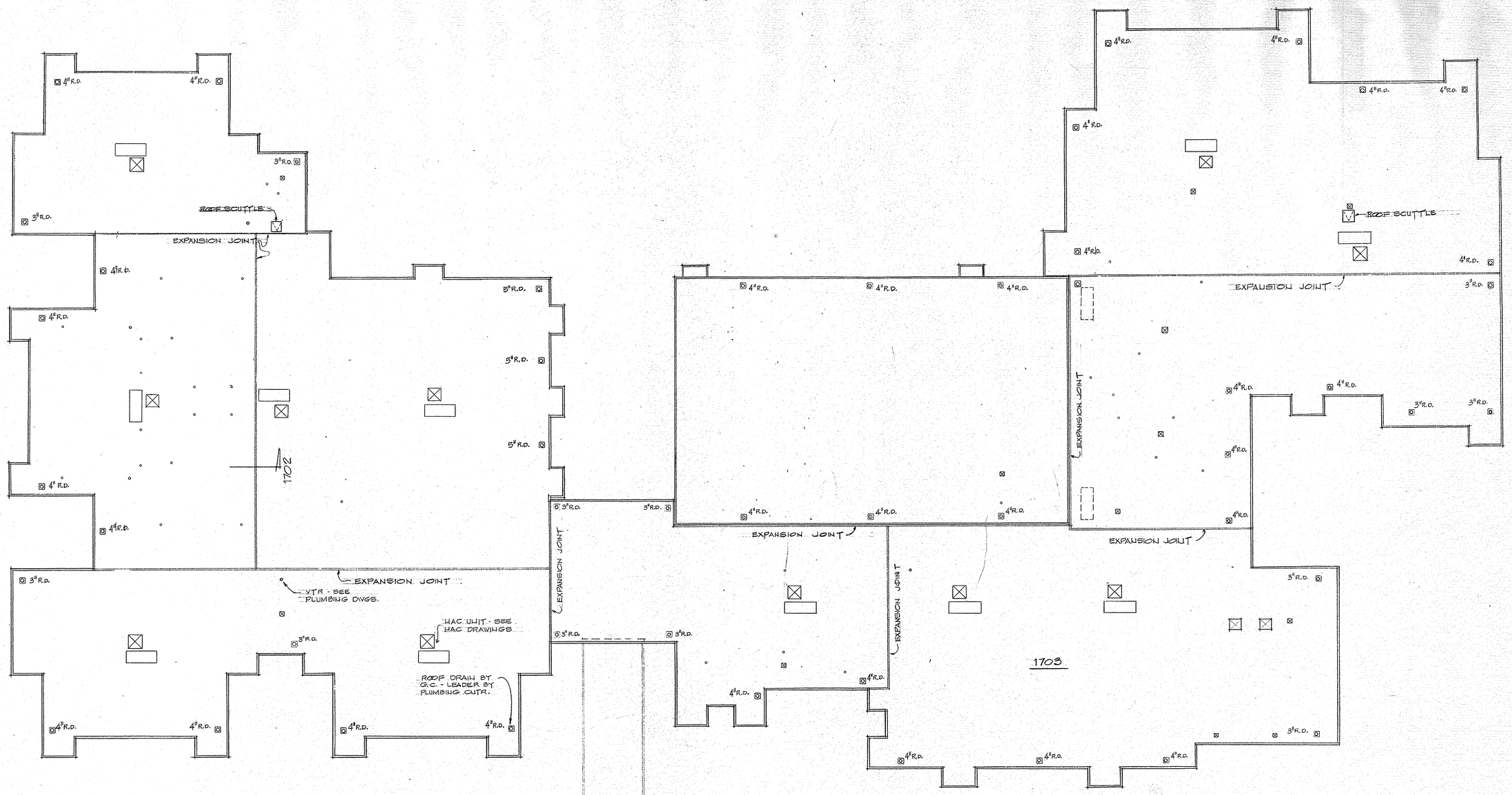
LNBjr:s

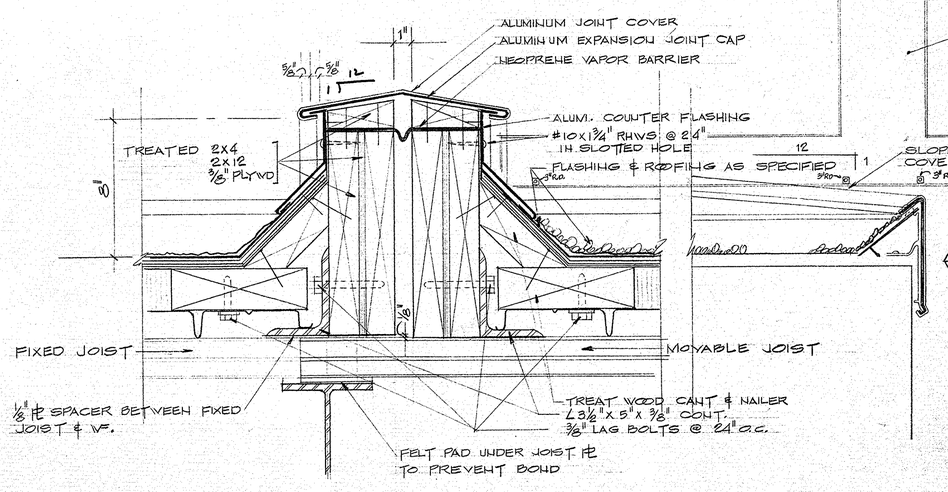
CC: Goodyear Plumbing Company

DRAWN BY JW YH
CHECKED BY CHB YH
6JAN69

WILMINGTON NORTH CAROLINA

SHEET A16





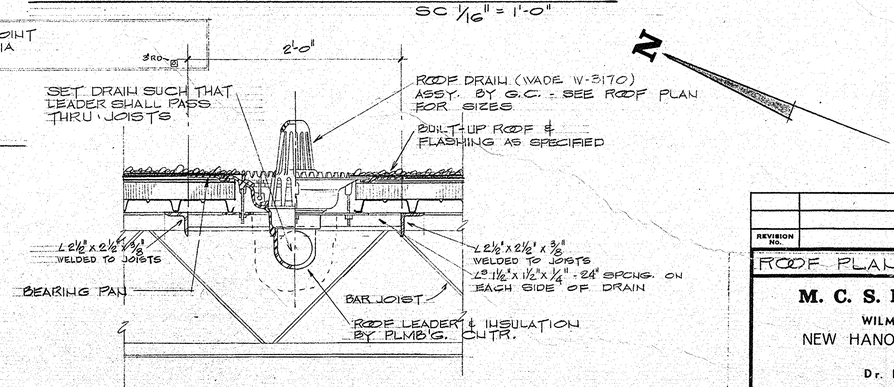
1702 ~ TYPICAL ROOF EXPANSION JOINT

SC 3" = 1'-0"

SEE SHEET A-1 FOR CANOPY

1701 ~ ROOF PLAN

SC 1/16" = 1'-0"



1703 ~ TYPICAL ROOF DRAIN DTL

NTS

REVISION NO.	DESCRIPTION	DATE	BY

ROOF PLAN

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

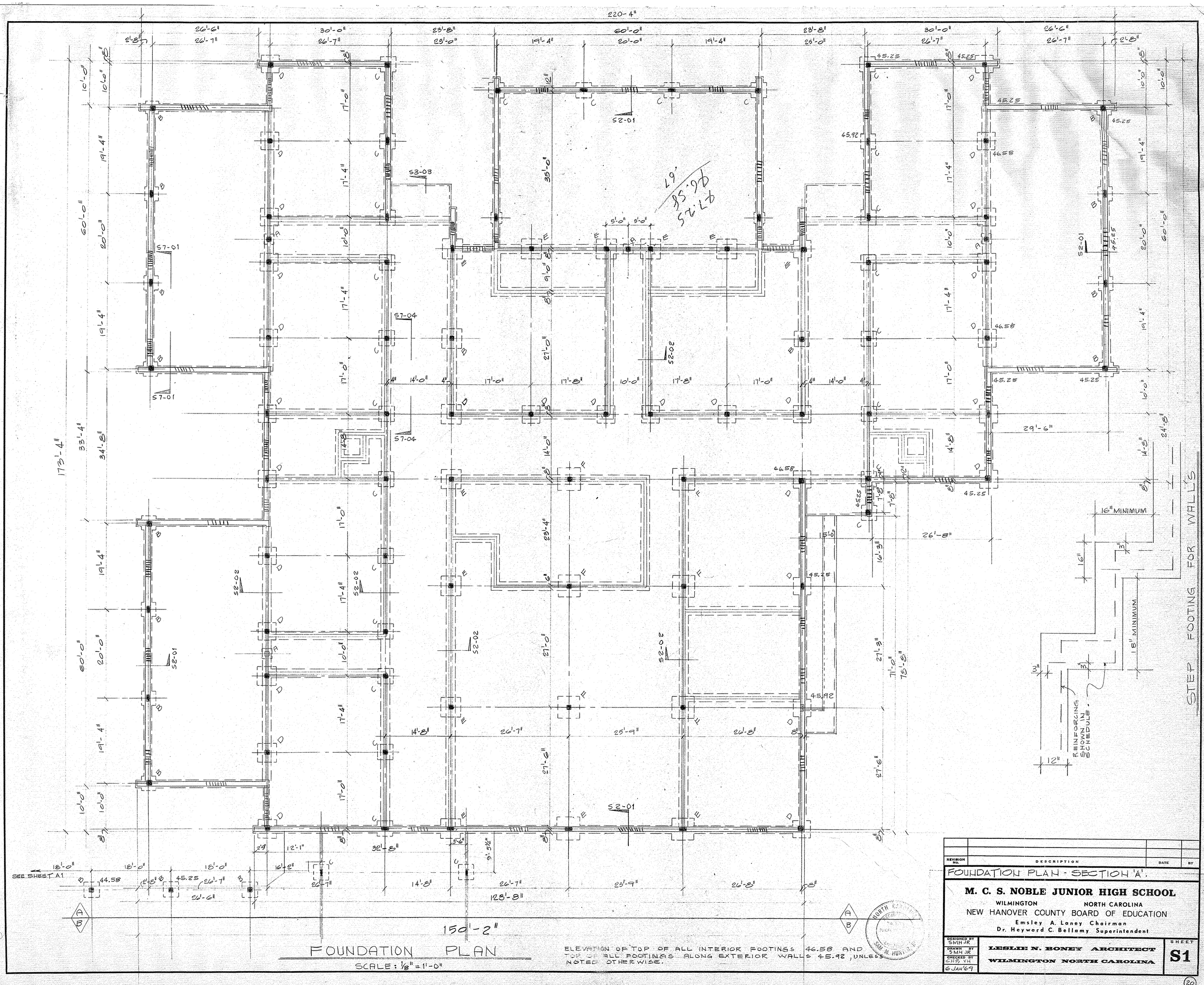
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY	VH
DRAWN BY	VH
CHECKED BY	CHB VH
	6 JAN 69

LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

SHEET A17



FOUNDATION PLAN

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

ELEVATION OF TOP OF ALL INTERIOR FOOTINGS 46.58 AND TOP OF ALL FOOTINGS ALONG EXTERIOR WALLS 45.92, UNLESS NOTED OTHERWISE.

REVISION NO.	DESCRIPTION	DATE	BY

FOUNDATION PLAN - SECTION 'A'.

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

Dr. Heyward C. Bellamy Superintendent

DESIGNED BY	SMH JR
DRAWN BY	SMH JR
CHECKED BY	CHB YH
	6 JAN '69

LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

SHEET S1

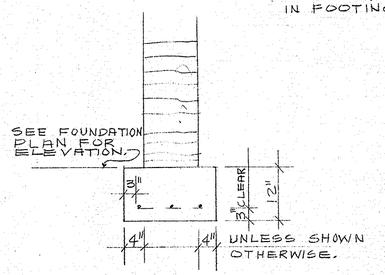
NORTH CAROLINA REGISTERED ARCHITECT SEAL SAM M. HUNTER

COLUMN FOOTING SCHEDULE

MARK	SIZE	REINFORCING
A	2'-6" x 2'-6" x 12"	2-#4 E.W.
B	3'-0" x 3'-0" x 12"	3-#4 E.W.
C	3'-6" x 3'-6" x 12"	4-#4 E.W.
D	4'-0" x 4'-0" x 12"	5-#4 E.W.
E	4'-6" x 4'-6" x 12"	6-#4 E.W.
F	5'-0" x 5'-0" x 12"	8-#4 E.W.
G	5'-6" x 5'-6" x 12"	10-#4 E.W.

FOOTING NOTES

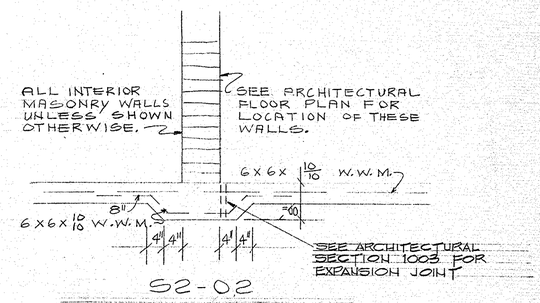
1. WALL FOOTINGS MONOLITHIC WITH COLUMN FOOTINGS WITH TOP AT SAME ELEVATION.
2. REINFORCING IN WALL FOOTINGS EMBED 24" IN COLUMN FOOTINGS.
3. LAP REINFORCING 24" AT SPLICE.
4. FOUNDATION DESIGN IS BASED ON SOIL BEARING OF 1500 PSF.
5. SEE FOUNDATION PLAN FOR ELEVATION OF TOP OF FOOTINGS.
6. STEP WALL FOOTING HALFWAY BETWEEN POINTS WHERE CHANGE IN FOOTING ELEVATIONS ARE SHOWN.



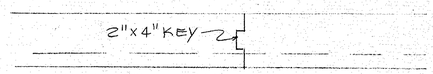
S2-01
WALL FOOTING DETAIL

WALL FTG. REINF.

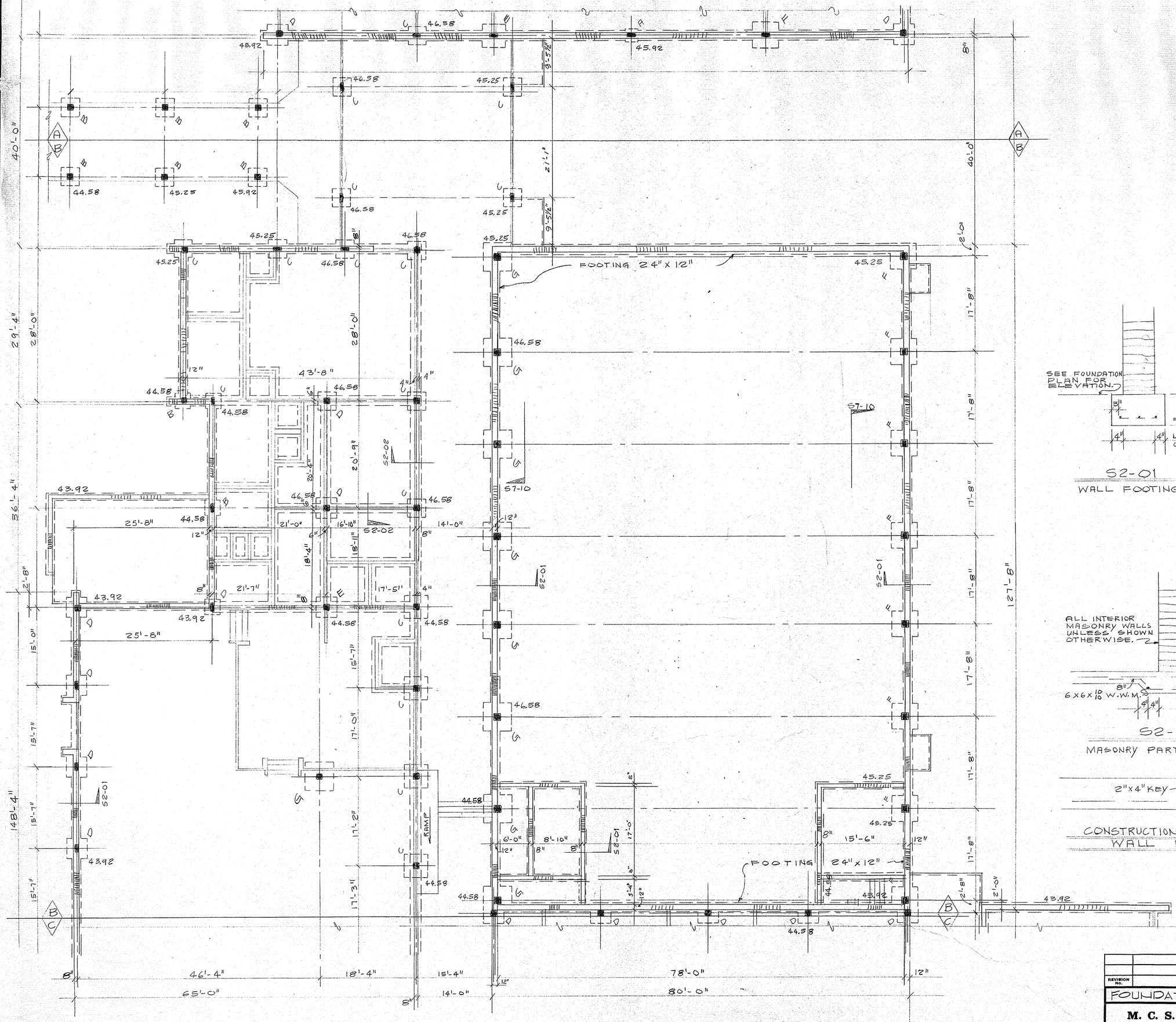
FOOTING WIDTH	LONGIT. REINF.	TRANS. REINF.
UP TO 16"	2-#4	#4 @ 96"
17" TO 20"	3-#4	#4 @ 96"
21" TO 24"	4-#4	#4 @ 72"



S2-02
MASONRY PARTITION FOUNDATION



CONSTRUCTION JOINT FOR WALL FOOTINGS



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

REVISION NO.	DESCRIPTION	DATE	BY

FOUNDATION PLAN · SECTION 'B'

M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
Dr. Heyward C. Bellamy Superintendent

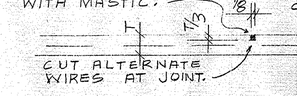
NORTH CAROLINA REGISTERED No. 1200 ARCHITECT SEALED WM. M. HUNTER, JR.

DESIGNED BY	S.M.H. JR
DRAWN BY	S.M.H. JR
CHECKED BY	CHIP'S Y.H.
	6 JAN '69

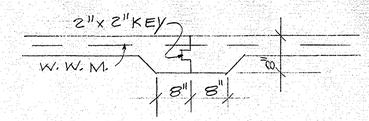
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET S2

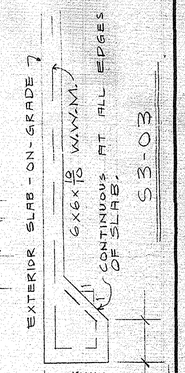
CONSTRUCT THESE JOINTS IN ALL EXPOSED SLABS, INSIDE OR OUTSIDE OF BUILDING, AT MAXIMUM OF 20'-0" O.C.



CONTRACTION JOINT IN EXPOSED SLABS - ON - GRADE



CONSTRUCTION JOINT FOR SLABS - ON - GRADE



ELEVATION OF TOP OF ALL INTERIOR FOOTINGS 44.58 AND TOP OF ALL FOOTINGS ALONG EXTERIOR WALLS 43.92 , UNLESS SHOWN OTHERWISE.

FOUNDATION PLAN

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

REVISION NO.	DESCRIPTION	DATE	BY

FOUNDATION PLAN - SECTION 'C'

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

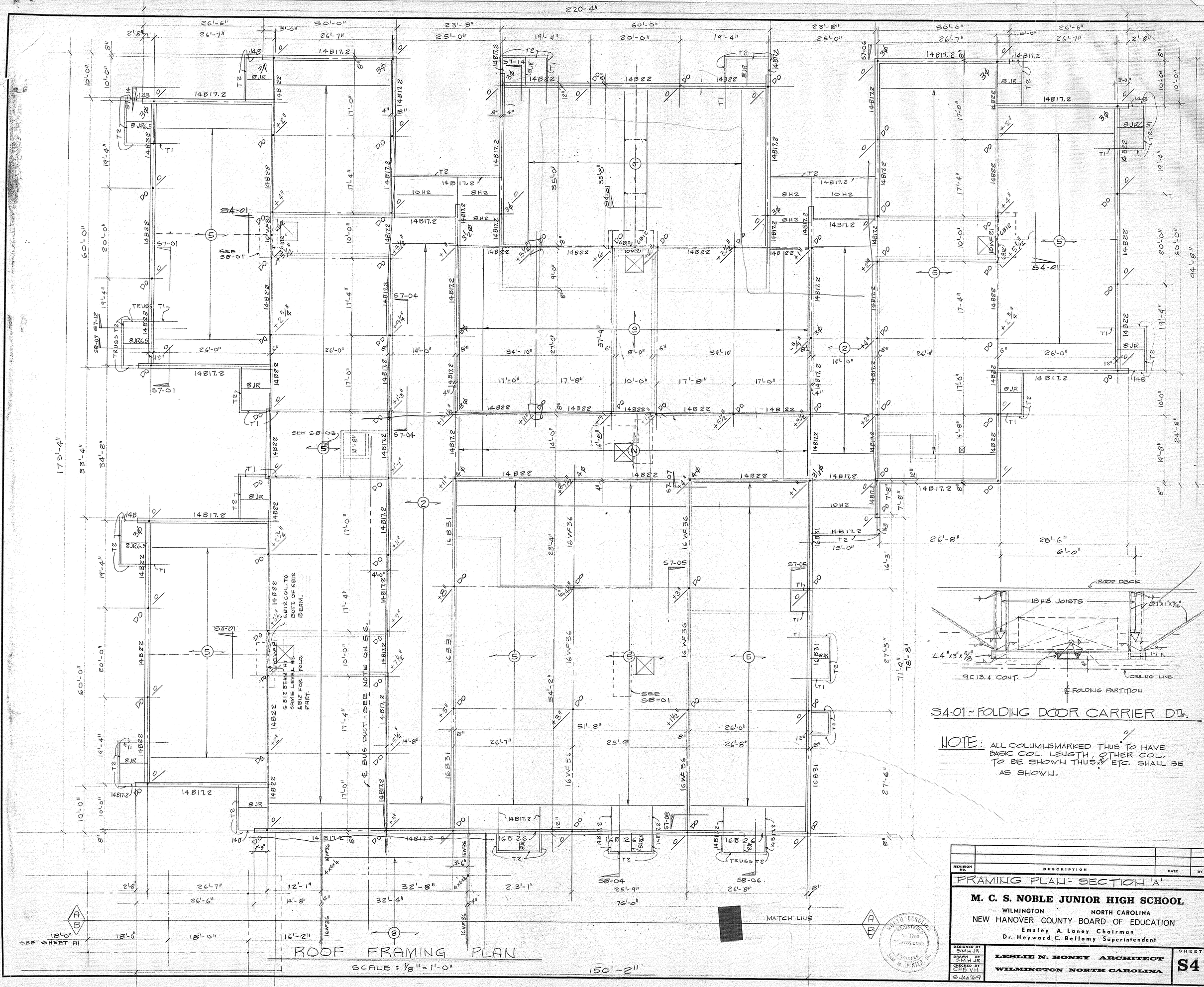
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY	DRAWN BY	CHECKED BY	DATE
SMHJR	SMH JR	CHIS YH	6 JAN '69

LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

SHEET S3


220'-4"
ROOF FRAMING PLAN
SCALE : 1/8" = 1'-0"
150'-2"
MATCH LINE
SEE SHEET A1
SEE S8-03
SEE S8-01
SEE S8-01
S4-01
S4-01
S4-01
S7-01
S7-01
S7-04
S7-04
S7-05
S7-05
S7-06
S7-07
S7-08
S8-04
S8-06
S8-07
S7-12
TRUSS T1
TRUSS T2
14B17.2
14B22
16B31
16B26
16VF36
10VF21
8VF18
8JR
8JR6.5
10H2
8H2
14B
T1
T2
DO
E BUS DUCT - SEE NOTE ON S6.
C8I2 BEAM SAME LEVEL AS C8I2 FOR PART.
C8I2 COL. TO BOTT. OF C8I2 BEAM.
ROOF DECK
18H8 JOISTS
L 4"x3"x3/8"
L 3"x3"x3/16"
9 EA 13.4 CONT.
CEILING LINE
FOLDING PARTITION
1-1
S4-01 - FOLDING DOOR CARRIER DTL.
NOTE: ALL COLUMNS MARKED THUS ⊙ TO HAVE BASIC COL. LENGTH, OTHER COL. TO BE SHOWN THUS ⊙ ETC. SHALL BE AS SHOWN.
FRAMING PLAN - SECTION 'A'
M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
Dr. Heyward C. Bellamy Superintendent
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA
DESIGNED BY SMH JR
DRAWN BY SMH JR
CHECKED BY CHB VH
6 JAN '69
SHEET S4
REVISION NO. DESCRIPTION DATE BY

GENERAL NOTES

1. DESIGN LOADS
   ROOF LIVE LOAD 20 PSF WIND 25 PSF

CHB told Jim Gearhart this is the live load.
13 MAR 79

REMOVE 5/8
& ADD 10#

NET ADD = 6#

20# L.L.
 6#
= 14# LIVE LOAD LEFT.

He will call Sam H.

7# built up

MATCH LINE

MATCH LINE

40 LH 12

2" PITCH

4" PITCH

4" PITCH

2" PITCH

T1 T2 T2G

8JR6.5 8JR 8JR6.5

16B26 16B22 16B31 16B22C

14B17.2 14B22 14B

16WF36 16WF31

S7-06A S7-10 S7-11

24B55 1" CAMBER 24B55 2" CAMBER

CAMBER 1½"

Caution Question about steel framing.

E BUS DUCT - SEE NOTE ON S6.

DO

40'-0" 29'-4" 28'-0" 36'-4" 15'-0" 15'-7" 48'-4" 2'-8" 21'-0" 21'-7" 25'-8" 16'-10" 14'-0" 18'-1" 17'-5" 4" 17'-2" 17'-3" 4'-8" 18'-0" 43'-8" 32'-4" 32'-8" 14'-1" 8" 21'-1" 9'-5½" 9'-5½" 17'-8" 24" 12'-1" 12" 6" 5" 4" 3" 2" 1" 0" 8" 12" 18'-0" 40'-0" 127'-8" 46'-4" 18'-4" 15'-4" 65'-0" 78'-0" 80'-0" 14'-0"

ROOF FRAMING PLAN

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

REVISION NO.	DESCRIPTION	DATE	BY

FRAMING PLAN - SECTION 'B'

M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY SMH JR
DRAWN BY SMH JR
CHECKED BY CHB SMH
6 JAN 79

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

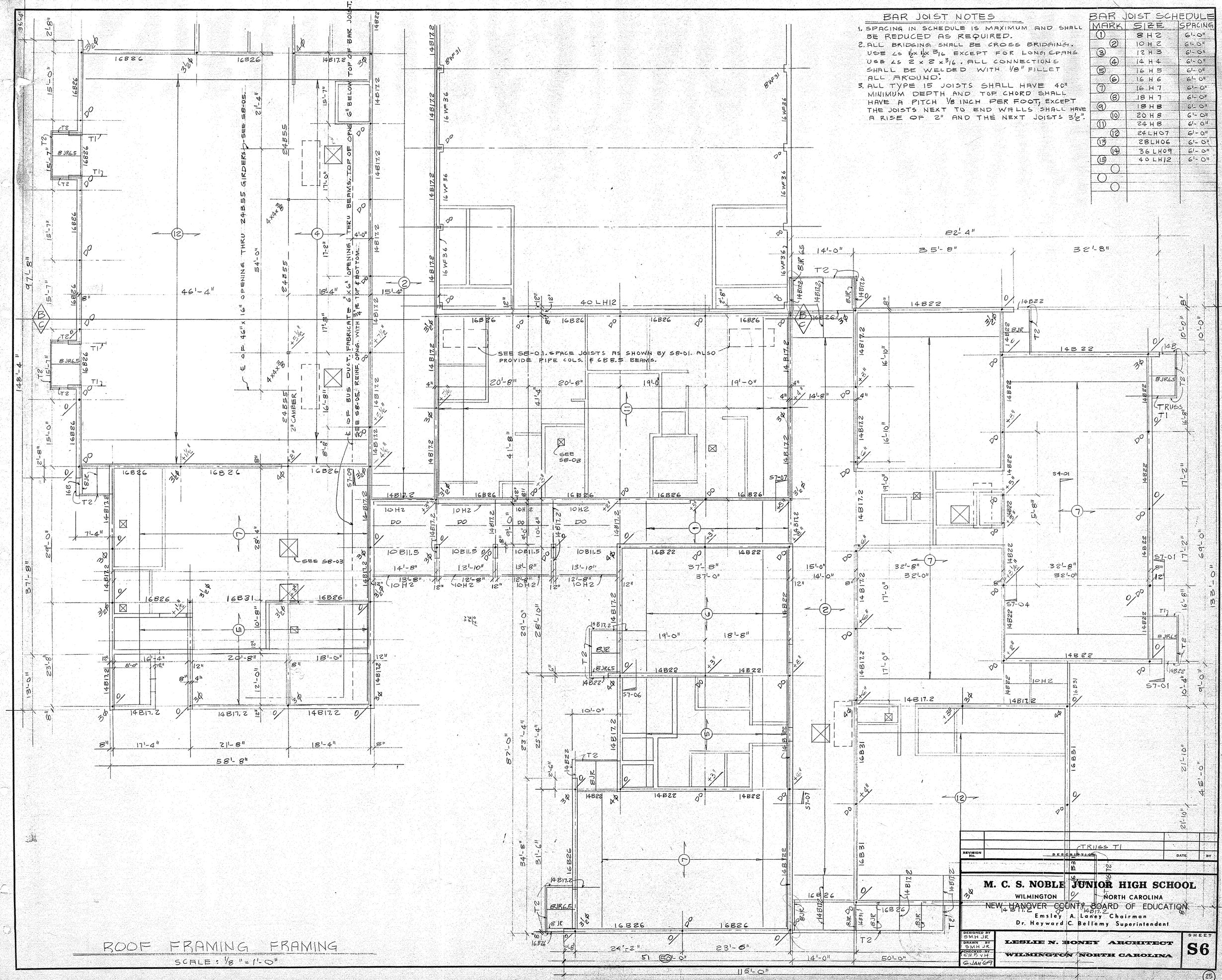
SHEET S5

BAR JOIST NOTES

1. SPACING IN SCHEDULE IS MAXIMUM AND SHALL BE REDUCED AS REQUIRED.
2. ALL BRIDGING SHALL BE CROSS BRIDGING. USE LS 1½ x 1½ x 3/16 EXCEPT FOR LONG SPANS USE LS 2 x 2 x 3/16. ALL CONNECTIONS SHALL BE WELDED WITH 1/8" FILLET ALL AROUND.
3. ALL TYPE 15 JOISTS SHALL HAVE 40" MINIMUM DEPTH AND TOP CHORD SHALL HAVE A PITCH 1/8 INCH PER FOOT, EXCEPT THE JOISTS NEXT TO END WALLS SHALL HAVE A RISE OF 2" AND THE NEXT JOISTS 3½".

BAR JOIST SCHEDULE

MARK	SIZE	SPACING
①	8 H 2	6'-0"
②	10 H 2	6'-0"
③	12 H 3	6'-0"
④	14 H 4	6'-0"
⑤	16 H 5	6'-0"
⑥	16 H 6	6'-0"
⑦	16 H 7	6'-0"
⑧	18 H 7	6'-0"
⑨	18 H 8	6'-0"
⑩	20 H 8	6'-0"
⑪	24 H 8	6'-0"
⑫	24 LH 07	6'-0"
⑬	28 LH 06	6'-0"
⑭	36 LH 09	6'-0"
⑮	40 LH 12	6'-0"



ROOF FRAMING FRAMING

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

REVISION NO.	DESCRIPTION	DATE	BY

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

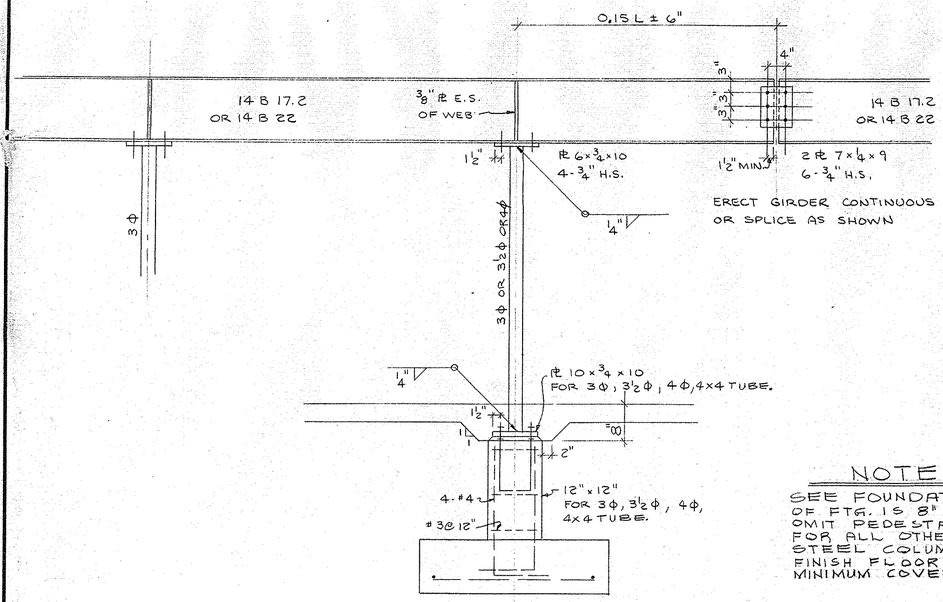
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY	DRAWN BY	CHECKED BY
SMH JR	SMH JR	CH BVH

LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

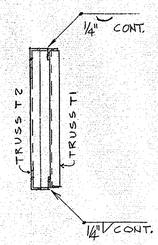
SHEET S6



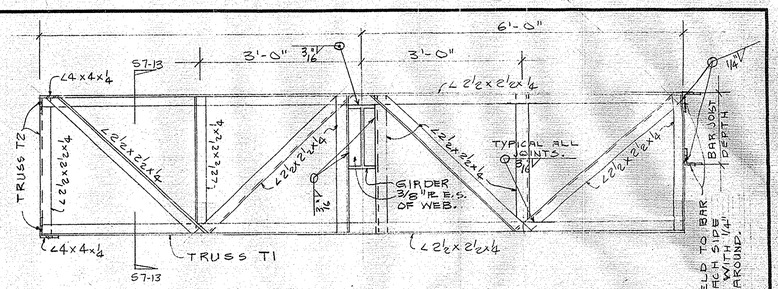
S7-04

NOTE

SEE FOUNDATION PLAN FOR FOOTINGS WHERE TOP OF FTG. IS 8" BELOW FINISH FLOOR. FOR THOSE FOOTINGS OMIT PEDESTAL.
FOR ALL OTHER FOOTINGS, CONTRACTOR'S OPTION TO EXTEND STEEL COLUMN AND OMIT PEDESTAL. ALL STEEL BELOW FINISH FLOOR SHALL BE ENCASED IN CONCRETE WITH 3" MINIMUM COVER.

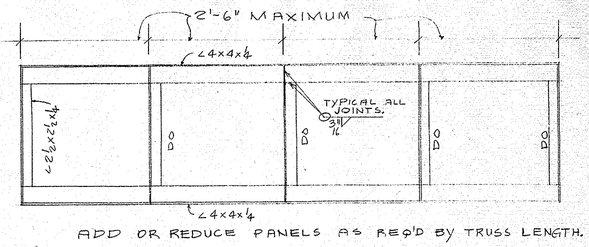


S7-13



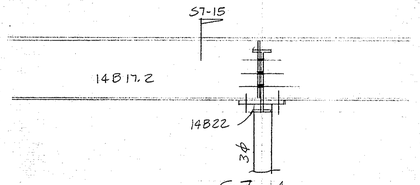
S7-12

TOP & BOTTOM CHORDS OF TRUSS T2 SHALL EXTEND FULL LENGTH OF TRUSS T1.

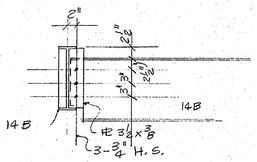


ADD OR REDUCE PANELS AS REQ'D BY TRUSS LENGTH.

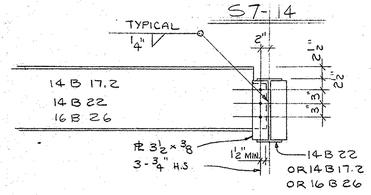
TRUSS T2



S7-14



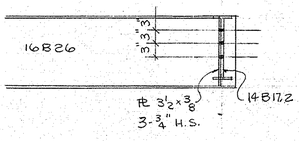
S7-15



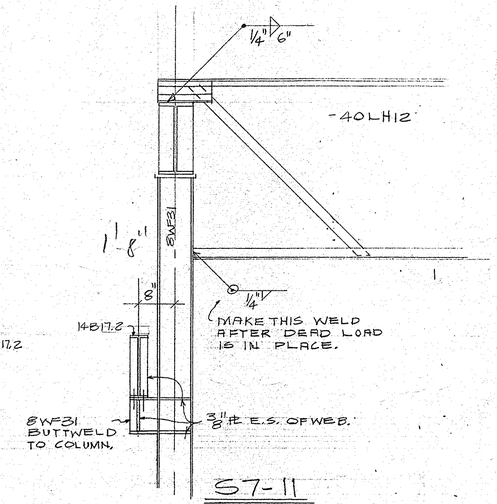
S7-06

S7-06A

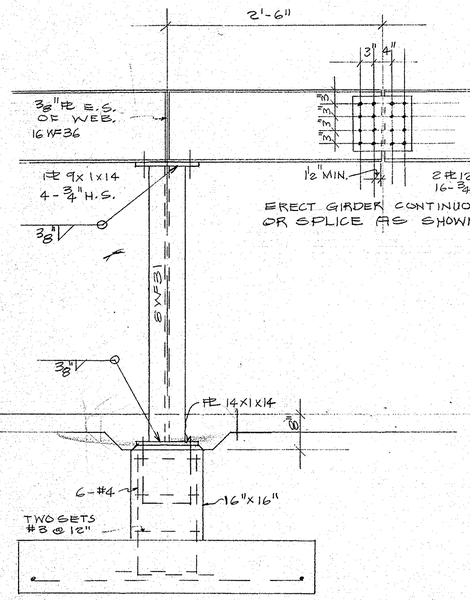
FOR 16 B 26 IN S7-06A USE 4 - ¾" H. S.



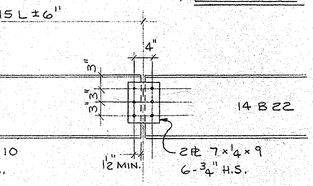
S7-09



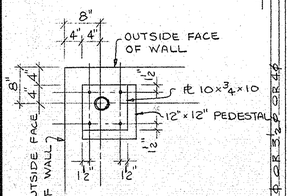
S7-11



S7-10

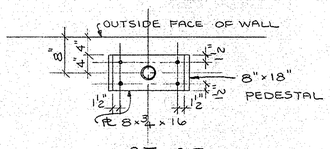


ERECT GIRDER CONTINUOUS OR SPLICE AS SHOWN.



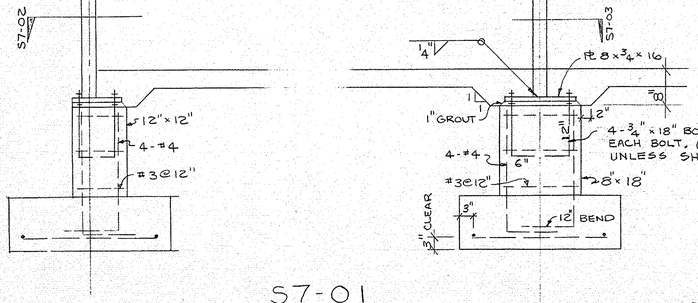
S7-02

TYPICAL CORNER COLUMN

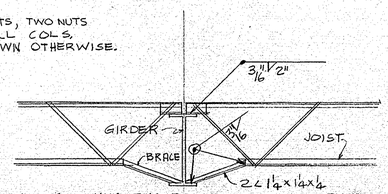


S7-03

TYPICAL COL. IN EXTERIOR WALL.

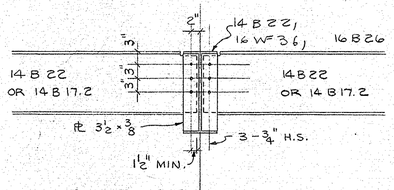


S7-01

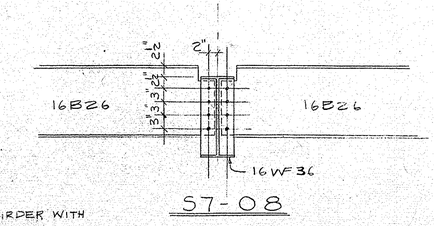


AT ALL COLUMNS, EXCEPT END COLUMNS, BRACE GIRDER WITH TWO JOISTS FROM EACH SIDE OF GIRDER. AT END COLUMNS, BRACE WITH ONE JOIST FROM EACH SIDE.

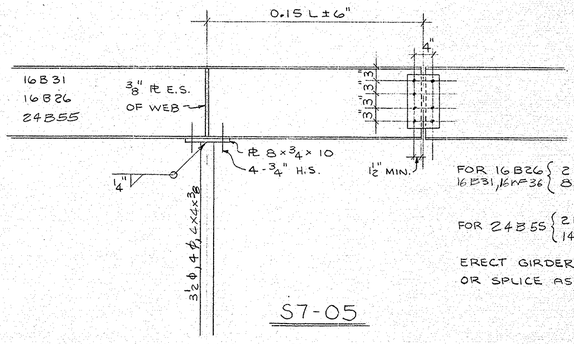
GIRDER BRACE DETAIL



S7-07



S7-08



FOR 16 B 26, 16 B 31, 16 WF 36 { 2 ℄ 7 x 5/16 x 12, 8-¾" H.S.

FOR 24 B 55 { 2 ℄ 7 x ⅜ x 21, 14-¾" H.S.

ERECT GIRDER CONTINUOUS OR SPLICE AS SHOWN.

S7-05

REVISION No.	DESCRIPTION	DATE	BY

STRUCTURAL DETAILS

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

Dr. Heyward C. Bellamy Superintendent

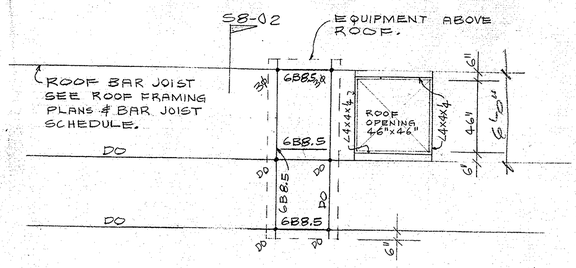
DESIGNED BY	SMH JR
DRAWN BY	SMH JR
CHECKED BY	CHP YH
	6 JAN '69

LESLIE N. BONEY ARCHITECT

WILMINGTON NORTH CAROLINA

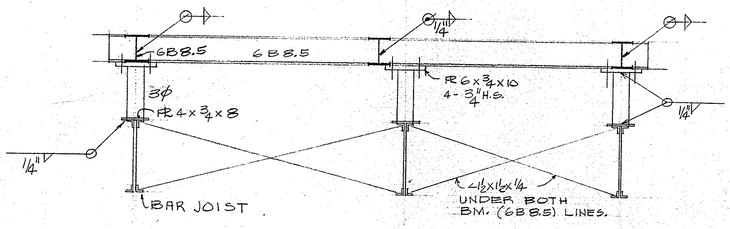
SHEET S7

NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER SEAL W. HUNTER, JR.

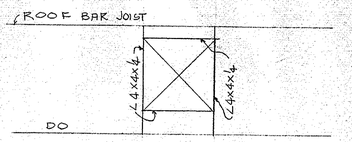


S8-01
FRAMING PLAN FOR EQUIPMENT SUPPORTS

SPACE ROOF JOISTS AS SHOWN. REDUCE SPACING SHOWN IN BAR JOIST SCHEDULE AS REQUIRED.
JOIST SPACING SHOWN IN PLAN ABOVE ALSO APPLIES WHERE ROOF BEAM OCCURS BETWEEN EQPT. AND OPENING.

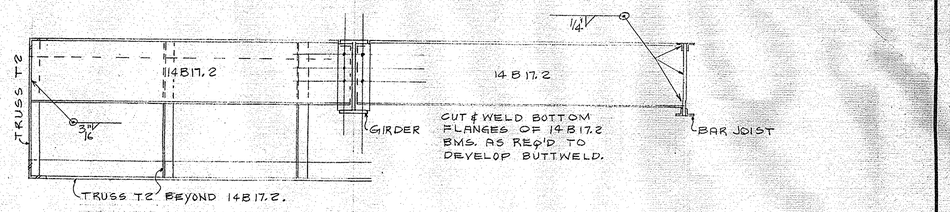


S8-02

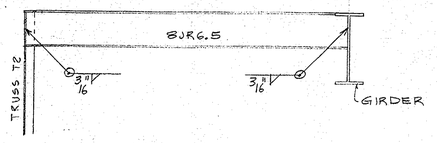


S8-03
FRAMING FOR ROOF OPENINGS

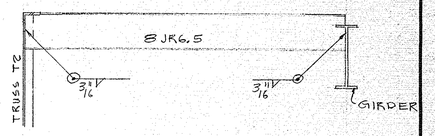
BUTTWELD FLANGES OF 14 B17.2 BEAMS TO GIRDER.



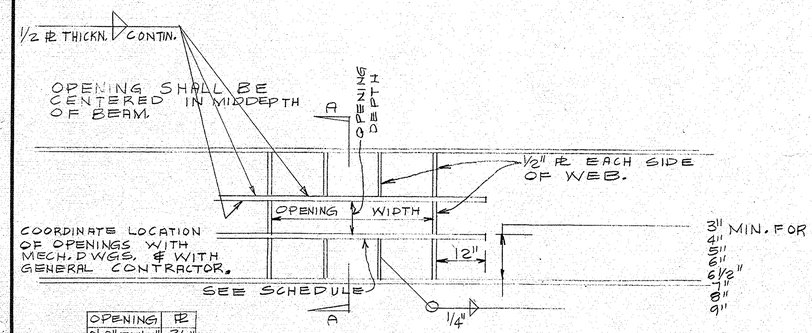
S8-04



S8-06

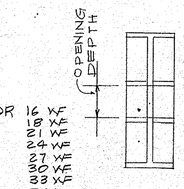


S8-07



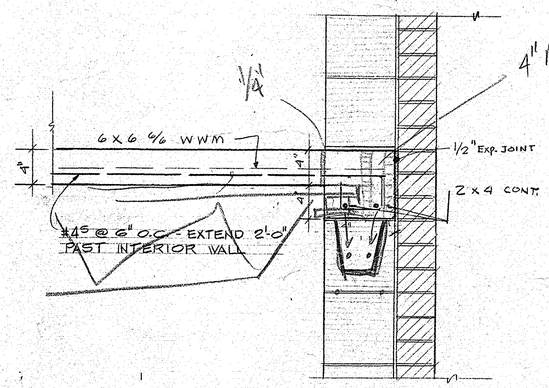
OPENING	PL
0'-0" TO 1'-0"	3/4"
1'-1" TO 2'-0"	7/8"
2'-1" TO 3'-0"	1"
3'-1" TO 4'-0"	1¼"
4'-1" TO 5'-0"	1½"
5'-1" TO 6'-0"	1¾"
6'-1" TO 7'-0"	2"

WHERE FLANGE THICKNESS IS LESS THAN PL THICKNESS SHOWN IN SCHEDULE, ADD PL TO TOP & BOTTOM FLANGE SO THAT THE TOTAL AREA OF PL & FLANGE IS EQUAL TO AREA OF PL IN SCHEDULE.

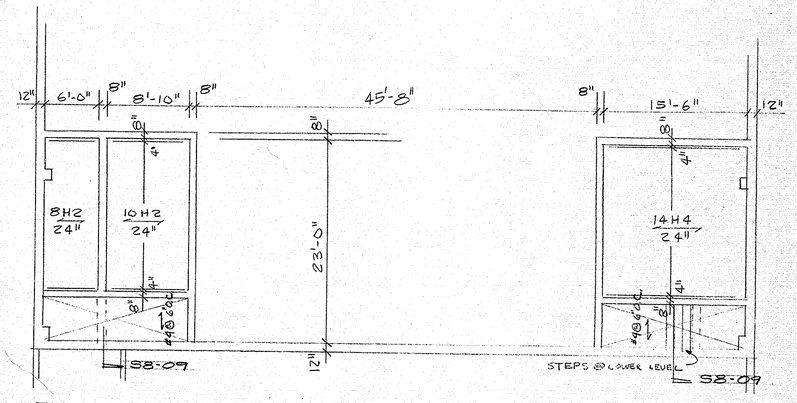


SECTION A-A

S8-05
OPENING IN BEAMS



S8-09
SC = 1½" = 1'-0"



FLOOR FRAMING PLAN FOR MECHANICAL EQUIPMENT ROOMS 2 & 3

FLOOR SLAB 4" CONC. SLAB ON STD. CORRUF. REINF. 6x6x6/6 MESH.

REVISION NO.	DESCRIPTION	DATE	BY

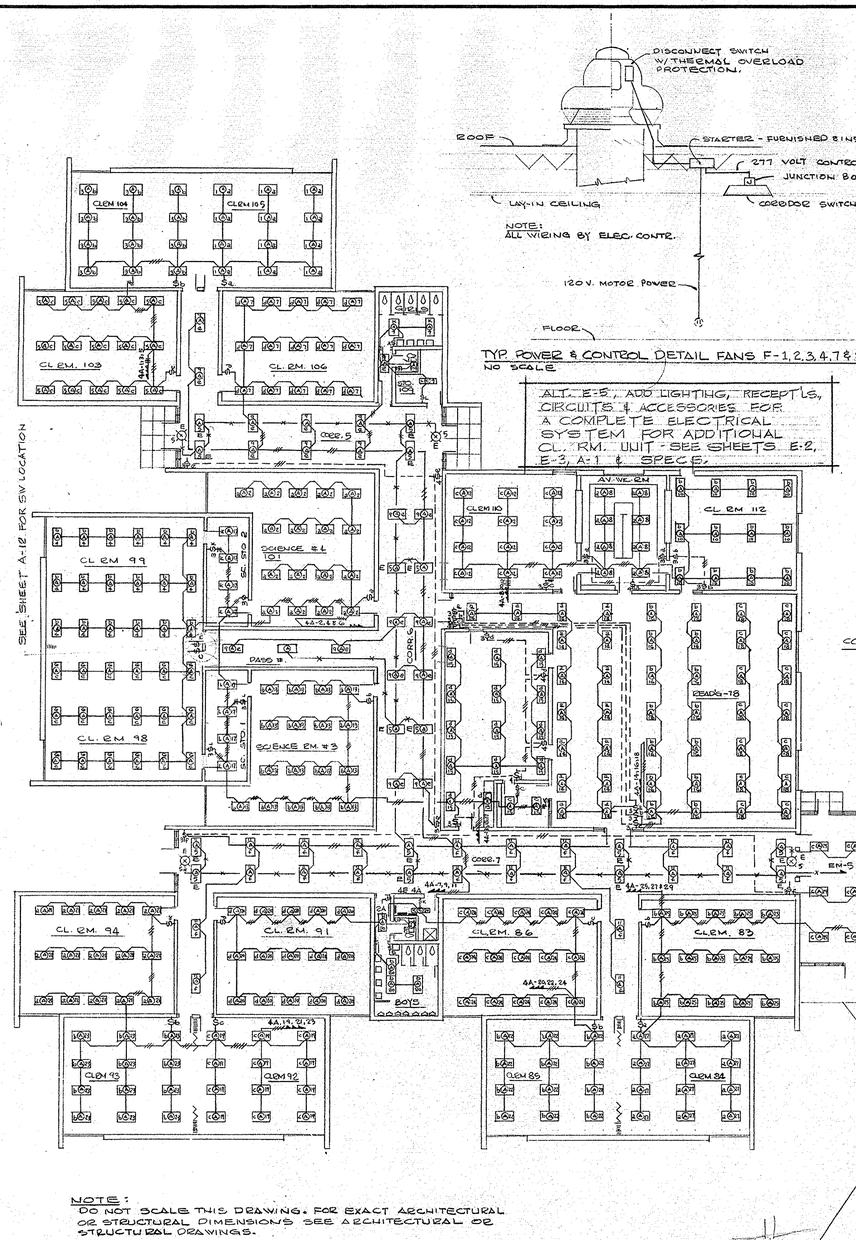
STRUCTURAL DETAILS

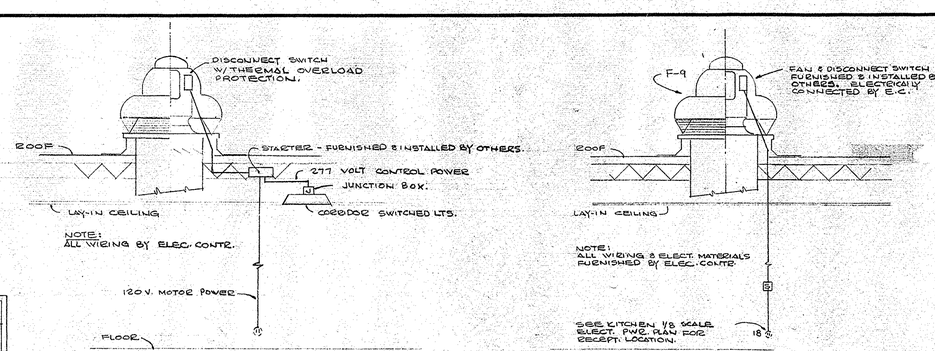
M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY SMH JR
DRAWN BY SMH JR
CHECKED BY CHPS VH
6 JAN '69

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET S8

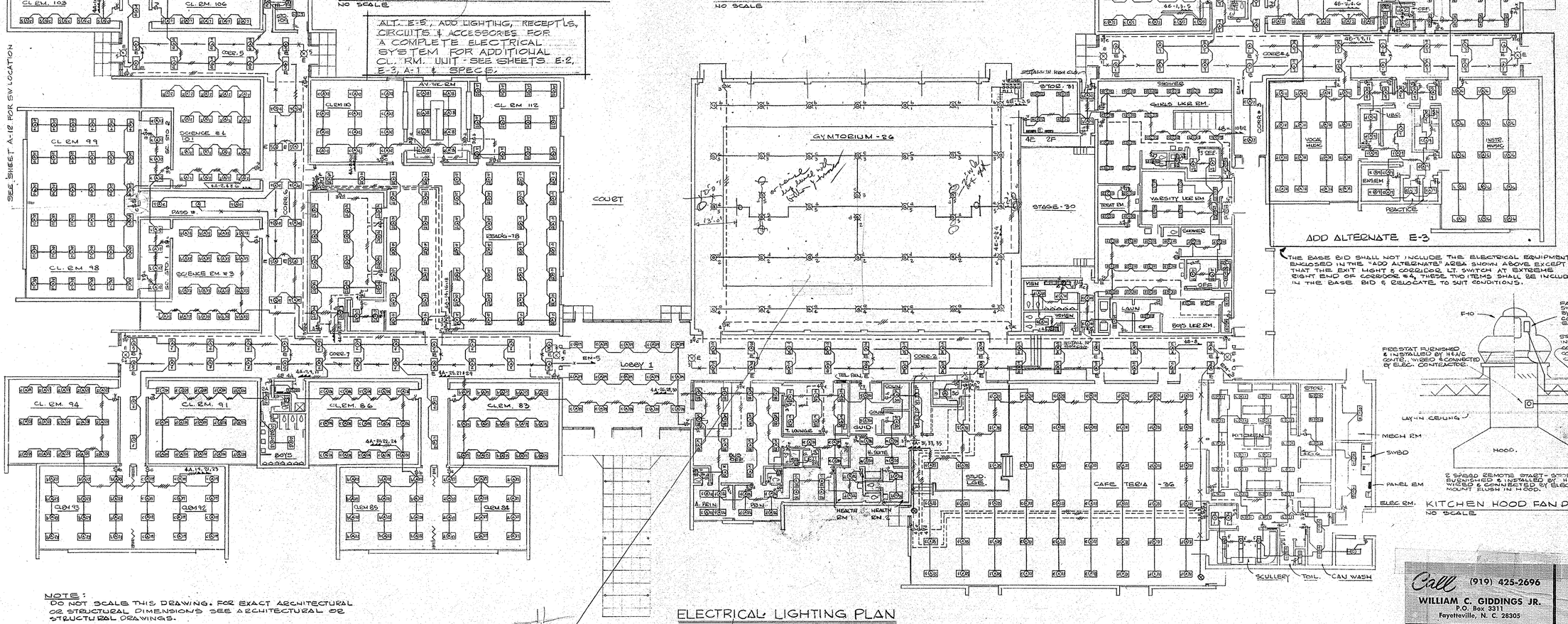




TYP. POWER & CONTROL DETAIL FANS F-1,2,3,4,7 & 8
NO SCALE

DISHWASH VENT FAN ELECT. CONNECTION DETAIL.
NO SCALE

ALT. E-3, ADD LIGHTING, RECEPTS, CIRCUITS & ACCESSORIES FOR A COMPLETE ELECTRICAL SYSTEM FOR ADDITIONAL CL. RM. UNIT - SEE SHEETS. E-2, E-3, A-1 & SPECS.



TYPICAL FLOOR MTD. RECEPT. DETAIL
NO SCALE

TYP. KITCHEN APPLIANCE CONNECTION
NO SCALE

SEE ALT. E-5 FOR ADDED CL. RM. UNIT

TYP. DUCT HTR. ELEC. CONNECT.
NO SCALE

PANIC LTG. CIRCUIT DETAIL
NO SCALE

2ND FL. ELEC. ALTERNATE
SCALE 1/16" = 1'-0"

2ND FL. ELEC. BASE BID
SCALE 1/16" = 1'-0"

ADD ALTERNATE E-3

SWITCHBOARD DETAIL
NO SCALE

PARTIAL ELEC. SITE
SCALE 1" = 200'

ELEC. PWR, INCAND. LTG, RECEPTACLE, TELEPHONE & IC PLAN
SCALE 1/16" = 1'-0"

CANOPY J-BOX LT. MTG. DETAIL
NO SCALE

PLAN
NO SCALE

ELEVATION
NO SCALE

TYPICAL LOCKER RM. UV & FAN WIRING DETAIL
NO SCALE

ALTERNATE E-1

TELEPHONE RISER DIAGRAM
NO SCALE

KITCHEN ELEC. POWER PLAN
SCALE 1/8" = 1'-0"

CLOCK & INTERCOMMUNICATION RISER DIAGRAM
NO SCALE

REVISION NO.	DESCRIPTION	DATE	BY
1	RELOCATED PANELS TO CORRIDOR, ELEVATION, ADDED DISC. SWITCHES & TYPE THHN WIRE FROM DISCONNECT SW. TO DUCT HEATER.	2/14/69	WTS

ELECTRICAL PWR. RECEPT. TELE. IC PLAN & DETAILS

M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
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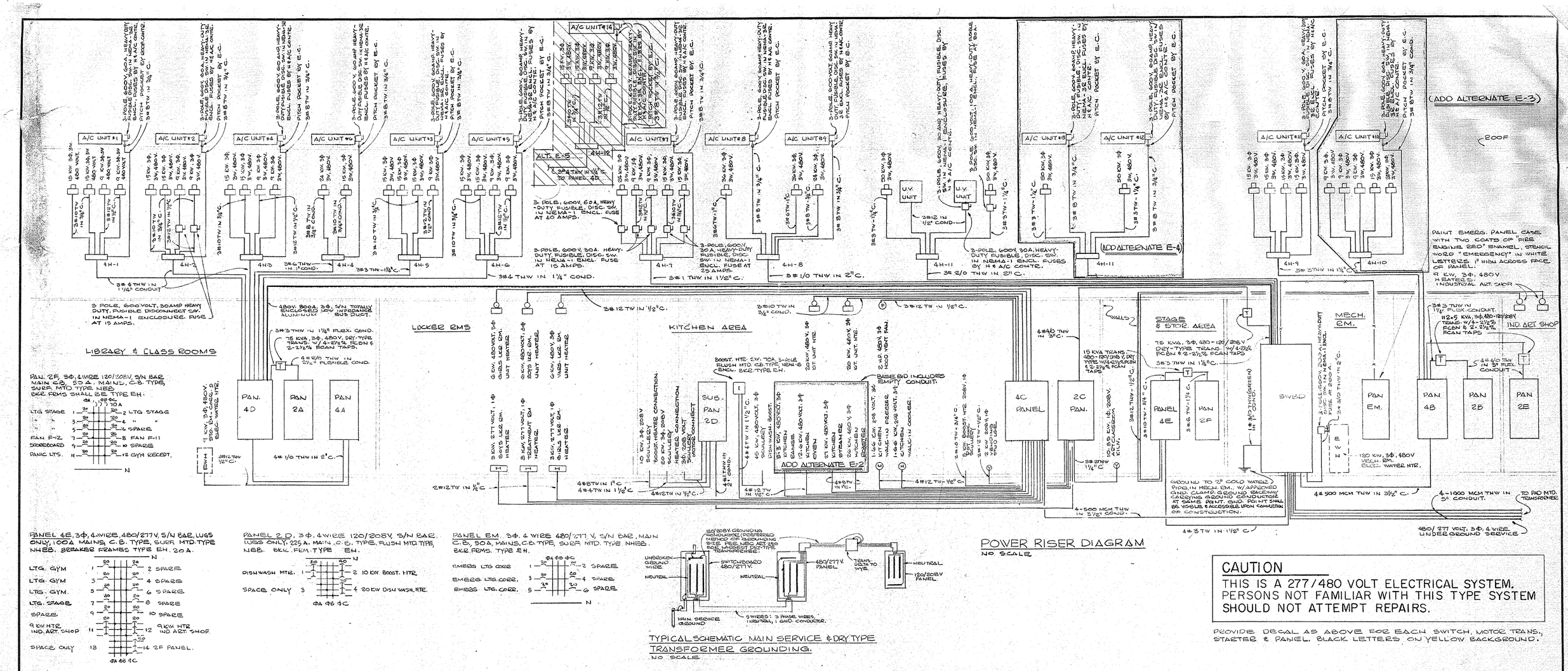
HENRY VON OESEN & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, N. C.
JOB NO. 1504

DESIGNED BY WTS
DRAWN BY CTL
CHECKED BY WTS VH
6 JAN 69

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET E2
E2 OF 3

(29)



POWER RISER DIAGRAM
NO SCALE

PANEL 4E, 3Φ, 4 WIRE, 480/277 V, S/N BAR, LUGS ONLY, 100A MAINS, C.B. TYPE, SUPR. MTD. TYPE NHEB. BREAKER FRAMES TYPE EH, 20 A.

LTG. GYM	1	2	SPARE
LTG. GYM	3	4	SPARE
LTG. GYM.	5	6	SPARE
LTG. STAGE	7	8	SPARE
SPARE	9	10	SPARE
9 KW HTR IND. ART SHOP	11	12	9 KW. HTR IND ART SHOP.
SPACE ONLY	13	14	2F PANEL.

PANEL 2D, 3Φ, 4 WIRE 120/208V, S/N BAR. LUGS ONLY, 225 A. MAIN C.B., 50 A. MAIN, C.B. TYPE, FLUSH MTD TYPE NEB. BKR. FRM. TYPE EH.

DISH WASH MTR.	1	2	10 KW BOOST. HTR.
SPACE ONLY	3	4	20 KW DISH WASH. HTR.

PANEL EM, 3Φ, 4 WIRE 480/277 V, S/N BAR, MAIN C.B., 50 A. MAINS, C.B. TYPE, SUPR. MTD. TYPE NHEB. BKR. FRMS. TYPE EH.

EMERG LTG CKTS	1	2	SPACE
EMERG LTG. CKTS.	3	4	SPARE
EMERG. LTG. CKTS.	5	6	SPARE

TYPICAL SCHEMATIC MAIN SERVICE & DRY TYPE TRANSFORMER GROUNDING.
NO SCALE

CAUTION

THIS IS A 277/480 VOLT ELECTRICAL SYSTEM. PERSONS NOT FAMILIAR WITH THIS TYPE SYSTEM SHOULD NOT ATTEMPT REPAIRS.

PROVIDE DECAL AS ABOVE FOR EACH SWITCH, MOTOR TRANS., STARTER & PANEL. BLACK LETTERS ON YELLOW BACKGROUND.

PANEL 4A, 3Φ, 4 WIRE 480/277 V, S/N BAR, LUGS ONLY, 225 A. MAINS C.B. TYPE, SURF. MTD. TYPE NHEB. BKR. FRAMES TYPE EH FOR 20A.

LTG. CL. RMS. #105	1	2	LTG. SCIENCE RM #4
" " " #104	3	4	" " " #2
" " " #103	5	6	" " " #1
" " " #106	7	8	AV. WORK RM
CORR. # 6	9	10	CL. RM #112
CORR # 7	11	12	" " #110
SCIENCE #3	13	14	READING
MDR & STO., OFF	15	16	READING
SCIENCE STOR. 1 & 2	17	18	READING
CL. RM. # 92	19	20	CL. RM. # 91
" " # 94	21	22	" " # 85
" " # 93	23	24	" " # 86
" " " # 83	25	26	PRIN. A. PRIN. TOILS., STO. H. EMC.
CL. RM. # 84	27	28	BUSINESS OFF.
LOBBY	29	30	T. LOUN., CONN., GUID., H. SUITE
CAFETERIA	31	32	SPACE
" "	33	34	SPACE
" " , LGE., STOR.	35	36	ELEC. WATER HEATER (120)
CL. RMS. # 113 (ALT. E-5)	37	38	CL. RMS. # 116 (ALT. E-5)
" " " #114 "	39	40	CORR #5 EXTENDED (ALT. E-5) & PASSAGE 111
" " " #115 "	41	42	SPARE (ALT. E-5)

NOTE: 1. CIRCUITS 37, 38, 39, 40, 41 & 42 TO BE "SPACE ONLY" FOR BASE BID
2. LIGHTING LAYOUT TO BE SIMILAR TO CL. RMS. 105, 106, 103, & 104, PASSAGE 108 & CORR. 7.

PANEL 4D, 3Φ, 3 WIRE, 480 VOLT, S/N BAR, MAIN C.B., LUGS ONLY, 800 A. MAINS ONLY, CIR. BKR. TYPE, SURF. MTD TYPE HCDR BKR. FRAMES 60-150 A. SHALL BE TYPE FA.

PANEL 4H-4	1	2	PANEL 4H-1
" 4H-2	3	4	" 4H-3
" 4H-6	5	6	" 4H-5
" 2A THRU TRANS.	7	8	SPACE ONLY
SPACE ONLY	9	10	PANEL 4A

PANEL 4B, 3Φ, 4 WIRE 480/277 V, S/N BAR, LUGS ONLY, 400A. MAINS, CIR. BKR. TYPE, FLUSH MTD. TYPE HCDR BREAKER FRAMES SHALL BE TYPE EH, 20A; TYPE FA, 100A.

LTG. HOME EC. # 2	1	2	LTG. CL. RM. # 61
" " " # 1	3	4	IND. ART, OFF, TOOL, STO.
ART. CL. RM.	5	6	INSTRUM. MUSIC.
CORR. 3,4 & LAUN.	7	8	CORR. # 2
OFF, PRINC., EXEM., STO., LIB.	9	10	L&M TOIL., OFF., LAUN., STO.
VOCAL MUSIC	11	12	G. LKR. RM., V. LKR. RM.
SPACE ONLY	13	14	SPACE ONLY
SPACE ONLY	15	16	SPACE ONLY
PANEL 2B THRU TRANS	17	18	PANEL 2E THRU TRANS.
PANEL 4H-9	19	20	PANEL 4H-10 (ADD ALTERNATE E-3)
CL. RM. UNIT VENTILATOR	21	22	

PANEL 2A, 3Φ, 4 WIRE, 120/208V, S/N BAR, LUGS ONLY, 225 A. MAINS, CIR. BKR. TYPE, SUPR MTD TYPE NEB. BREAKER FRAMES SHALL BE TYPE EH, 20 AMPS. MAIN CB 175A, TYPE JA.

RECEPT. C.R. 103, 104, 105, 106, SCR. 4	1	2	RECEPT. SC. RM. 4, SC. STO. 2, SCR. 4
" C.R. 103, 104) 05, 106, SC. R. 4	3	4	" SC. RM. 4, SC. STO. 2, SCR. 4
" SC. RM. 4, SC. STO. 1, SC. #3	5	6	" STO., CR. 110, 111, 112, WC. RM. STO.
" SC. RM. 4, SC. STO. 1, SC. #3	7	8	" STO., CR. 110, 111, 112, WC. RM. STO.
" C.R. 86, 91, 92, 93, 94, SC. #3	9	10	" OFF. WC. STOR., CR. 83, 84, 85, 86
" C.R. 86, 91, 92, 93, 94, SC. #3	11	12	" OFF, WC. STOR., CR. 83, 84, 85, 86,
PRINCIPAL, BUS. OFF.	13	14	" CORR. CLEAN.
BUS. OFF, T. LGE, A. PRIN.	15	16	" VEND. SUPR STO. 5 LGE. CAFE.
" H. SUITE, GUID. T LGE, CONF.	17	18	" H. EMC. 1 & 2, CAFE.
" EW.C. CORR. # 2	19	20	" CORR. CLEANING
" E.W.C. CORR. # 7	21	22	" CONTROL PWR
" E.W.C. CORR. # 5	23	24	" CONTROL PWR.
" E.W.C. VEND AREA	25	26	" SCIENCE 1 & 2 TABLES
" HEALTH SUITE, COUN.	27	28	" SCIENCE 1 & 2 TABLES
LTG. CANOPY (ALT. E-1)	29	30	" LIBRARY RECEPT.
RECEPT SCIENCE 3 & 4 TABLES	31	32	LTG. CANOPY (ALT. E-1)
" SCIENCE 3 & 4 TABLES	33	34	RECEPT CL. RM. 113, 114, 115 & 116 (ALT. E-5)
SPARE	35	36	RECEPT. CL. RM, 113, 114, 115 & 116 (ALT. E-5)
SPARE	37	38	SPARE
SPARE	39	40	SPARE

PANEL 2E, 3Φ, 4 WIRE, 120/208 V, S/N BAR, MAIN C.B. 225 A. MAINS, C.B. TYPE, FLUSH MTD. TYPE, NHEB. CIRCUIT BKR. FRAMES SHALL BE EH, MAIN C.B. TYPE JA.

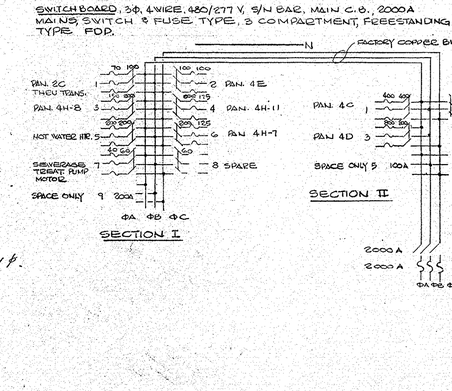
PANEL 2C, 3Φ, 4 WIRE, 120/208 V, S/N, MAIN C.B. 225A. MAINS, C.B. TYPE, FLUSH MTD. TYPE NEB. CIR. BKR. FRMS. TYPE EH 20-100A TYPE FA, 125 A.

RECEPT. MIX. COOLER	1	2	RECEPT. GEN. KITCHEN
" PROOF-RACK	3	4	" "
" FREEZER	5	6	FUT. CUT/MIX.
" DISHWASH.	7	8	MIXER
" OFF KIT, H. TOIL.	9	10	FOOD SLICER
" FOOD SLICER	11	12	MECH EM RECEPTS, CIR. PUMP.
" FOOD SERVER	13	14	SPACE ONLY
STEAM TABLE 208 Φ	15	16	SPACE ONLY (FUT. STEAM TABLE)
SPACE ONLY	17	18	SPACE ONLY
SPACE ONLY	19	20	ACT LAB KILN. 208 1 Φ.
DISHWASHER SUB-PANEL 2D	21	22	SPACE ONLY
COMP. MTR. 1 Φ.	23	24	COMP. MTR. 1 Φ
RECEPT. VEND.	25	26	BOOST. HTR. (POT SINK)
RECEPT. COLD LINE	27	28	RECEPT. COLD LINE
RECEPT COLD LINE	29	30	RECEPT. COLD LINE

PANEL 4C, 3Φ, 4 WIRE, 480/277 V, S/N BAR, LUGS ONLY, 400A. MAINS, CIR. BKR. TYPE, FLUSH MTD. TYPE, NHEB. CIR. BKR. FRMS. 20-40 A. TYPE EH, TYPE FA 70 A.

LTG. KIT, SCUL., MECH., C. WSH., T. STOR., HTR. BOYS LOCK. RM. HTG. TREAT. RM. HTR. GIRLS LOCK. RM.	1	2	SPARE
	3	4	SPACE.
	5	6	SPACE.
	7	8	SPACE
SPACE ONLY	9	10	SPACE ONLY
RANGE	11	12	GIRLS LOCK. RM. HTR.
BOYS LOCK. RM. UNIT. HTR.	13	14	VARS. LKR. RM. UNIT. HTR.
HOOD FAN 2 HP.	15	16	SPARE.
OVEN	17	18	KIT. UNIT. HTR.
KIT. UNIT. HEATER.	19	20	SPACE ONLY
SPACE ONLY	21	22	ROASTER
STEAMER	23	24	SPACE ONLY
DISHWASHER BOOST. HTR.	25	26	SPACE ONLY
DRYER	27	28	WASHER
SPACE ONLY	29	30	SPACE ONLY

SWITCH BOARD, 3Φ, 4 WIRE, 480/277 V, S/N BAR, MAIN C.B., 2000A MAINS, SWITCH & FUSE TYPE, 3 COMPARTMENT, FREESTANDING TYPE FOD.



SECTION I

SECTION II

PANEL 4H8, 3Φ, 3 WIRE, 480 V, S/N BAR, LUGS ONLY, 225 A MAINS, C.B. TYPE, SUPR. MTD TYPE NHEB. BREAKER TYPES 40-60 A TYPE EH; 70 A TYPE FA.

24 KW. DUCT. HTR.	1	2	36 KW DUCT. HTR.
36 KW. DUCT HTR.	3	4	A/C #8 ON ROOF
A/C #9 ON ROOF	5		

PANEL 4H-9, 3Φ, 3 WIRE, 480V. S/N BAR, LUGS ONLY 100 A MAINS, CIR. BKR. TYPE, SURF. MTD. TYPE NHEB. BREAKER FRAMES FOR 20A, TYPE EH; 70A. TYPE FA.

15 KW. DUCT HTR.	1	2	15 KW. DUCT HTR.
15 KW. DUCT HTR.	3	4	15 KW. DUCT HTR.
A/C UNIT ON ROOF	5		

PANEL 4H-10, 3Φ, 3 WIRE, 480V, S/N BAR, LUGS ONLY 100 A. MAINS, CIR. BKR. TYPE, SUPR MTD TYPE NHEB BREAKER FRAMES 20-40 A, TYPE EH; 70A. TYPE FA.

9 KW. DUCT. HTR.	1	2	9 KW DUCT. HTR.
9 KW. DUCT. HTR.	3	4	15 KW. DUCT. HTR.
24 KW. DUCT. HTR.	5	6	A/C UNIT ON ROOF

PANEL 4H-11, 3Φ, 3 WIRE, 480V, S/N BAR, LUGS ONLY 225A. MAINS, CIR. BKR. TYPE, SURF. MTD. TYPE NHEB BREAKER FRAMES 15A. TYPE EH; 70-100A. TYPE FA.

UNIT VENT FAN, 3/P	1	2	UNIT. VENT. FAN. 3/P.
SPACE ONLY (FUT. A/C)	3	4	SPACE ONLY (FUT. A/C)
50 KW. DUCT. HTR.	5	6	50 KW. DUCT. HTR.

PANEL S 4H1, 2, 3, 6 & 12, 3Φ, 3 WIRE 480V, S/N BAR, LUGS ONLY, 100 A. MAINS, C.B. TYPE, SURF. MTD. TYPE NHEB BKR. FRAMES 20-30A TYPE EH, 70A. TYPE FA.

9 KW. DUCT. HTR.	1	2	9 KW. DUCT. HEATER
15 KW. DUCT. HTR.	3	4	15 KW. DUCT. HEATER
A/C ON ROOF	5		

PANEL 4H-4, 3Φ, 3 WIRE, 480V, S/N BAR, LUGS ONLY, 100 A. MAINS, C.B. TYPE, SURF. MTD. TYPE NHEB. BREAKER FRAMES 20-40 A. TYPE EH; 70A. TYPE FA.

15 KW. DUCT. HTR.	1	2	24 KW. DUCT. HTR.
4/C UNIT ON ROOF	3		

PANEL 4H-5, 3Φ, 3 WIRE, 480V, S/N BAR, LUGS ONLY, 100 A. MAINS, C.B. TYPE, SURF. MTD. TYPE NHEB. BREAKER FRAMES 20-30 A. TYPE EH, 70A. TYPE FA.

9 KW. DUCT. HTR.	1	2	15 KW. DUCT. HTR.
15 KW. DUCT. HTR.	3	4	15 KW. DUCT. HTR.
A/C UNIT ON ROOF	5		

PANEL 4H-7, 3Φ, 3 WIRE, 480V, S/N BAR, LUGS ONLY, 100 A. MAINS, C.B. TYPE, SURF. MTD. TYPE NHEB. BREAKER FRAMES 20-30 A. TYPE EH, 70A. TYPE FA.

9 KW. DUCT. HTR.	1	2	9 KW. DUCT. HEATER
15 KW. DUCT. HTR.	3	4	15 KW. DUCT. HEATER
24 KW. DUCT. HTR.	5	6	A/C UNIT ON ROOF

SUPERSEDED

REVISION NO.	DESCRIPTION	DATE	BY

HENRY VON OESEN & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, N. C.
FILE NO. 1504

POWER, HEATER & AIR CONDITIONING RISER DIAGRAMS

M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY WTS
DRAWN BY CTL
CHECKED BY WTS
6 JAN '69

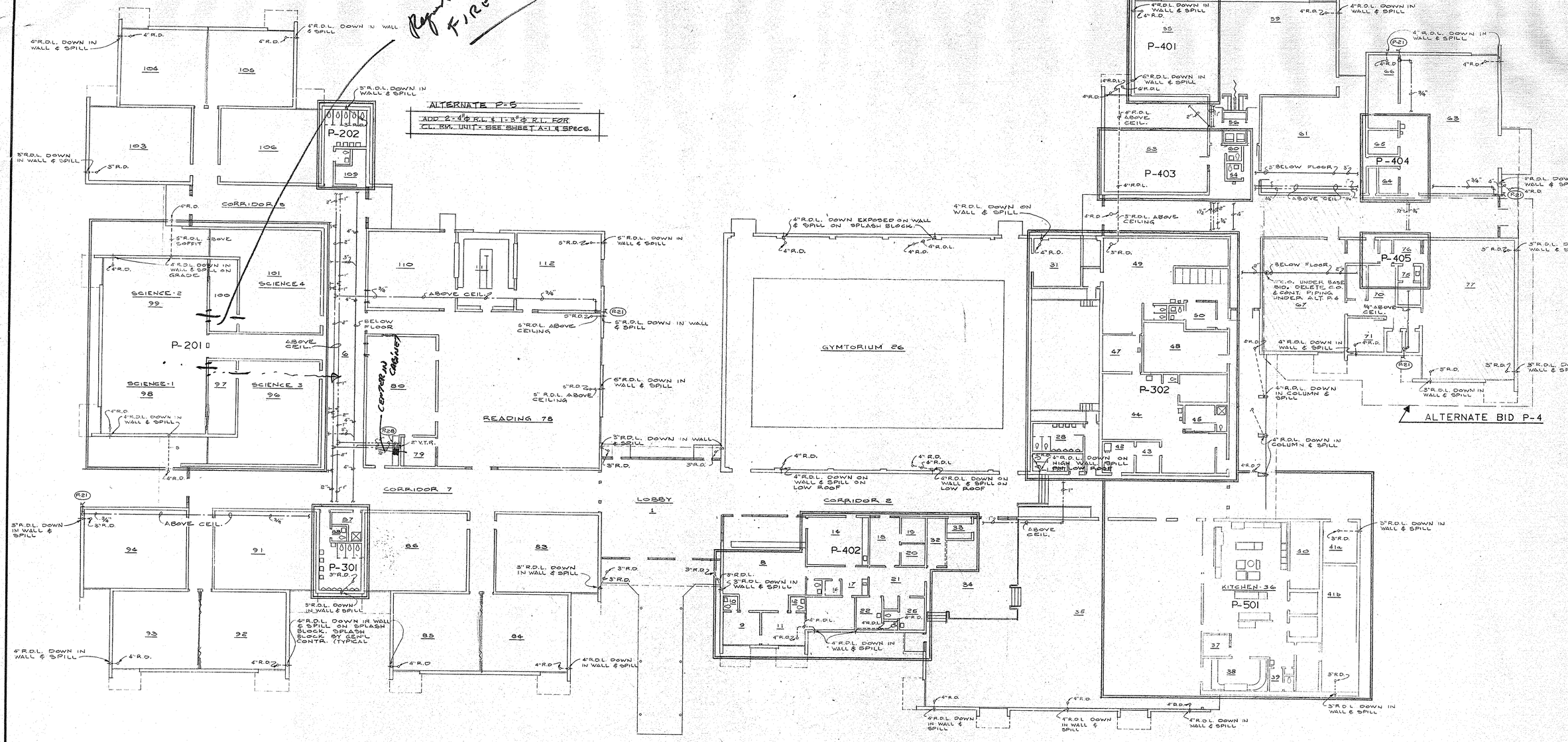
LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

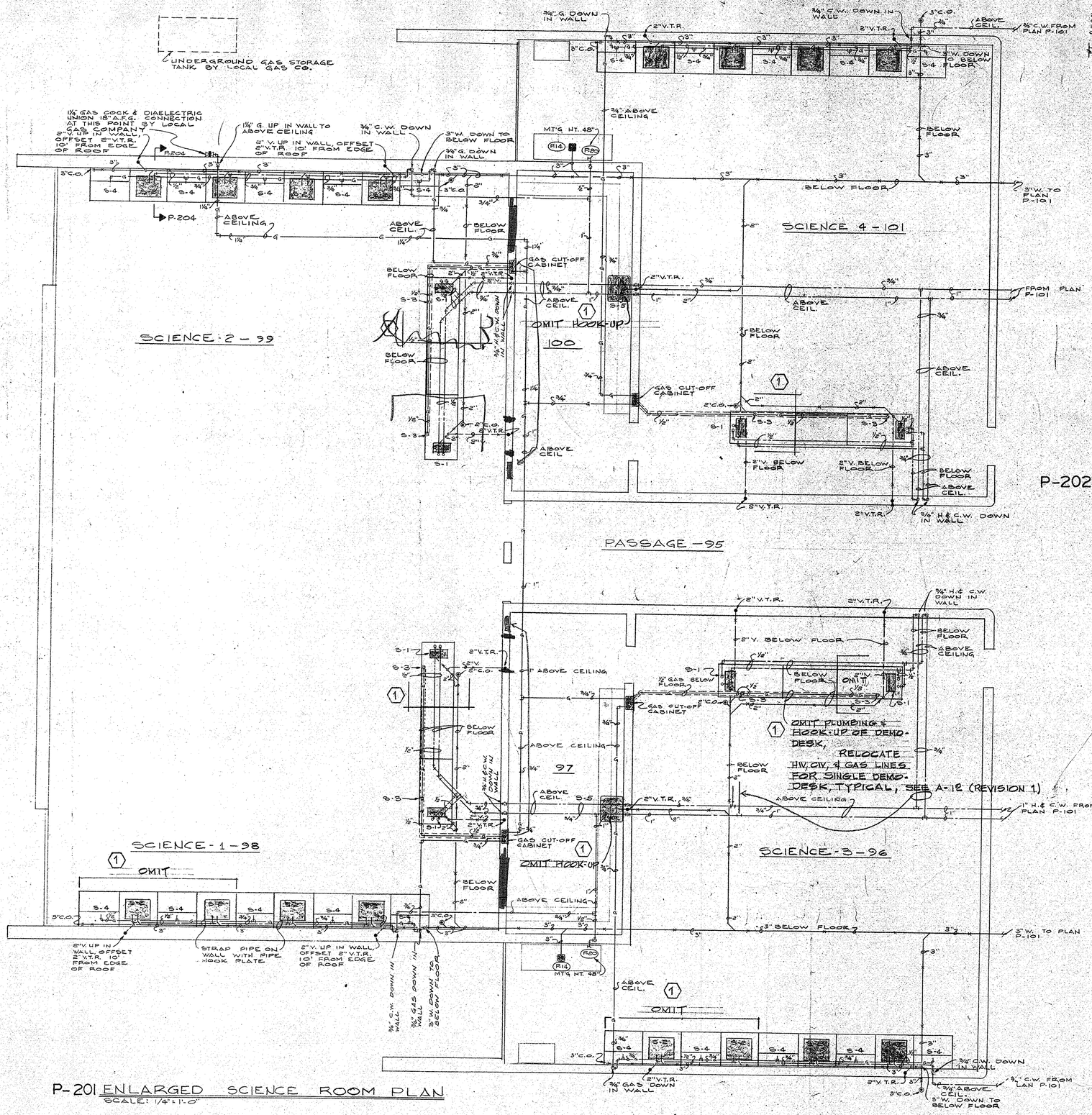
SHEET E3
E 3 OF 3

Regarding Re Fire Marshal

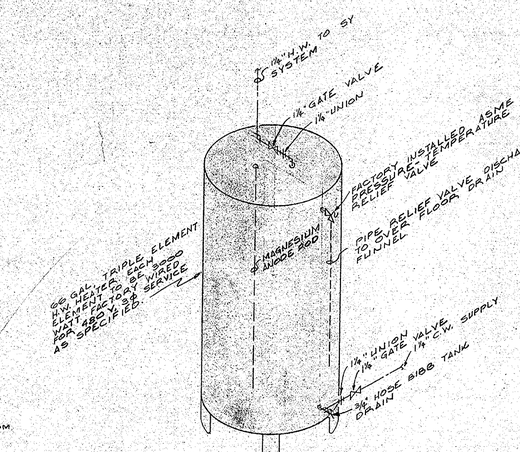
ALTERNATE P-5

ADD 2-4"ϕ R.L. & 1-3"ϕ R.L. FOR CL. RM. UNIT - SEE SHEET A-1 & SPECS.

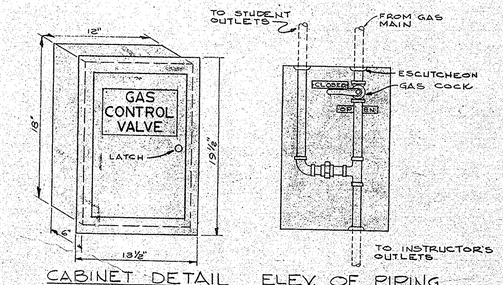

P-202
P-201
P-301
P-302
P-401
P-402
P-403
P-404
P-405
P-501
GYMTORIUM 26
READING 78
CORRIDOR 6
CORRIDOR 7
CORRIDOR 8
LOBBY 1
SCIENCE-2 99
SCIENCE-1 98
SCIENCE 4 101
SCIENCE 3 96
KITCHEN-36
ALTERNATE BID P-4
4"R.D.L. DOWN IN WALL & SPILL
6"R.D.L. DOWN IN WALL & SPILL
3"R.D.L. DOWN IN WALL & SPILL
4"R.D.L. DOWN EXPOSED ON WALL & SPILL ON SPLASH BLOCK
4"R.D.L. DOWN ON WALL & SPILL
4"R.D.L. DOWN ON WALL & SPILL ON LOW ROOF
6"R.D.L. DOWN ON WALL & SPILL ON LOW ROOF
4"R.D.L. DOWN IN COLUMN & SPILL
3"R.D.L. DOWN IN WALL & SPILL
3"R.D.L. ABOVE CEILING
5"R.D.L. ABOVE CEILING
4"R.D.L. ABOVE CEIL.
6"R.D.L. DOWN IN WALL & SPILL
5"R.D.L. DOWN IN WALL & SPILL
5"R.D.L. ABOVE SOFFIT
4"R.D.L. DOWN IN WALL & SPILL ON GRADE
4"R.D.L. DOWN IN WALL & SPILL ON SPLASH BLOCK, SPLASH BLOCK BY GEN'L CONTR. (TYPICAL
3"R.D.L. DOWN IN WALL & SPILL
3"R.D.L. DOWN IN WALL & SPILL
3"R.D.L. DOWN IN WALL & SPILL
4"R.D.L. DOWN IN WALL & SPILL
4"R.D.L. DOWN IN WALL & SPILL
4



P-202 ENLARGED TOILET PLAN
SCALE: 1/4"=1'-0"

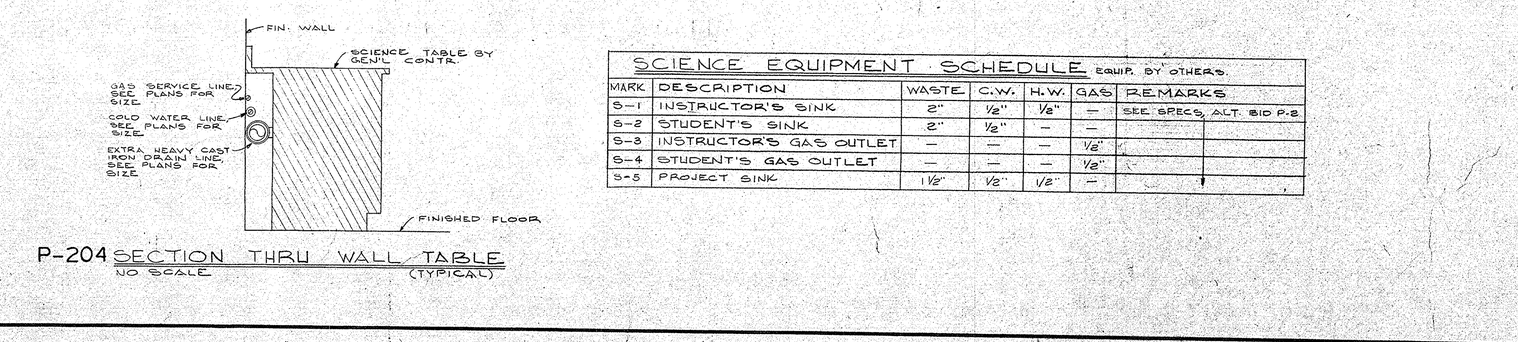


P-203 HOT WATER HEATER NO. 1 PIPING SCHEMATIC
NO SCALE



CABINET DETAIL ELEV. OF PIPING

P-205 GAS CUT-OFF CABINET DETAILS
NO SCALE



P-201 ENLARGED SCIENCE ROOM PLAN
SCALE: 1/4"=1'-0"

P-204 SECTION THRU WALL TABLE
NO SCALE (TYPICAL)

SCIENCE EQUIPMENT SCHEDULE Equip. by others.

MARK	DESCRIPTION	WASTE	C.W.	H.W.	GAS	REMARKS
S-1	INSTRUCTOR'S SINK	2"	½"	½"	—	SEE SPECS, ALT. BID P-2
S-2	STUDENT'S SINK	2"	½"	—	—	
S-3	INSTRUCTOR'S GAS OUTLET	—	—	—	½"	
S-4	STUDENT'S GAS OUTLET	—	—	—	½"	
S-5	PROJECT SINK	1½"	½"	½"	—	

REVISION No.	DESCRIPTION	DATE	BY
1	OMIT HOOK-UPS & CERTAIN PIPING AS SHOWN	31 JAN'69	VH

HENRY VON OESEN & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, N. C.
1504
FEE 710

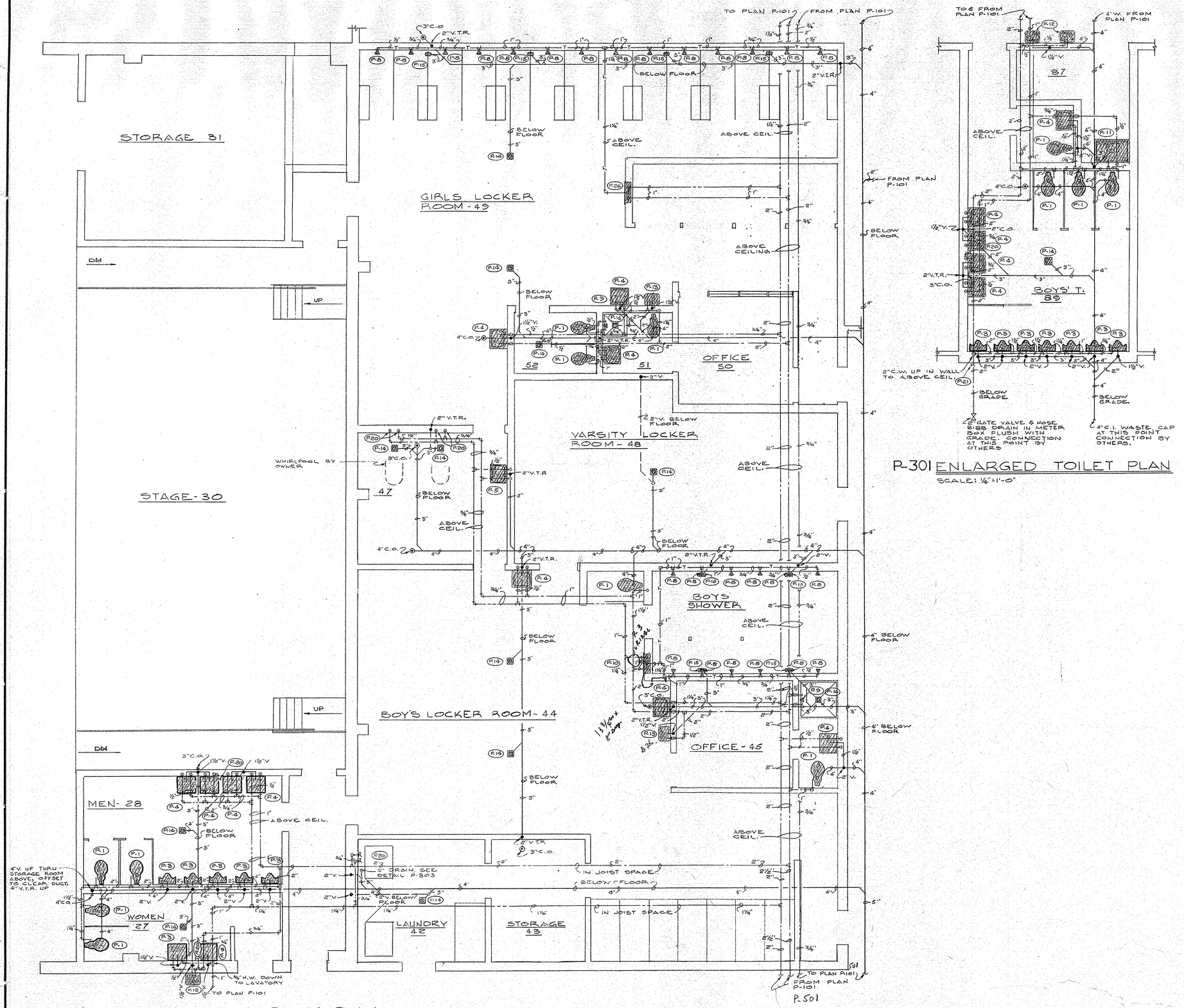
SCIENCE PLUMBING

M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY J.WILLIS
DRAWN BY CTJ, JGW
CHECKED BY J.H.C. JA.VH
6 JAN'69

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET P2
R2 of 5

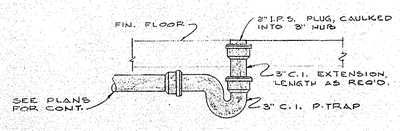


P-302 ENLARGED LOCKER ROOM PLAN

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

P-301 ENLARGED TOILET PLAN

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



P-303 DRAIN DETAIL

NO SCALE

REVISION NO.	DESCRIPTION	DATE	BY

HENRY VON OESEN & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, N. C.
FILE NO. 1504

REGISTERED ENGINEER SEAL 4168

LOCKER ROOM PLUMBING

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

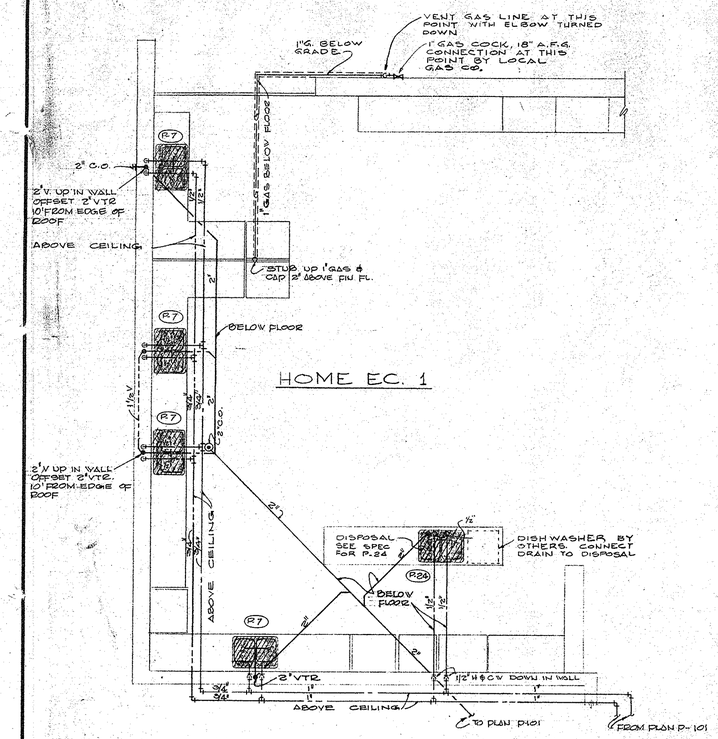
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY	J.G.WILLIS
DRAWN BY	CTJ, JGW
CHECKED BY	J.H.C. JR. YH
	6 JAN 69

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

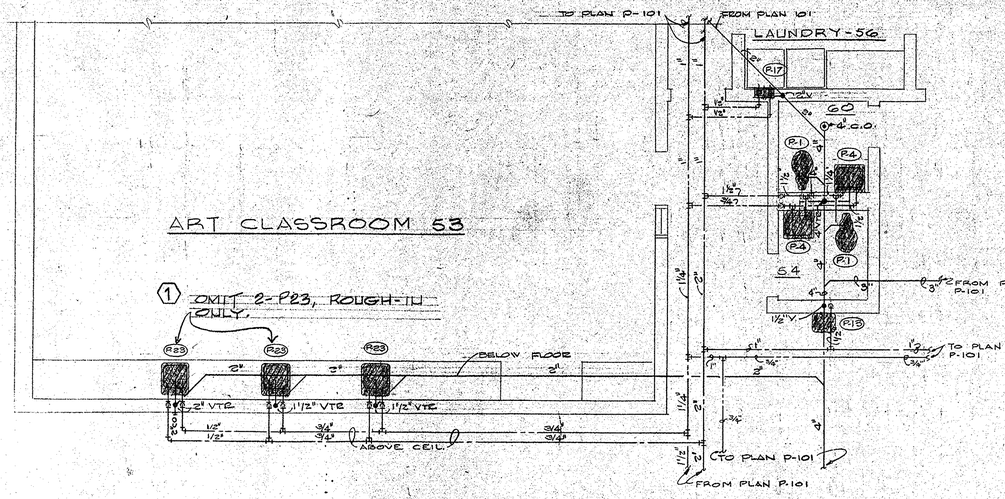
SHEET P3

P3 OF 5



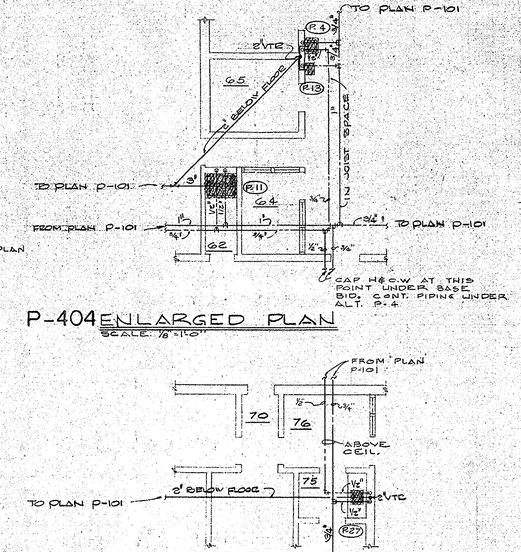
P-401 ENLARGED PLAN

1/4" = 1'-0"



P-403 ENLARGED PLAN

1 1/4" = 1'-0"

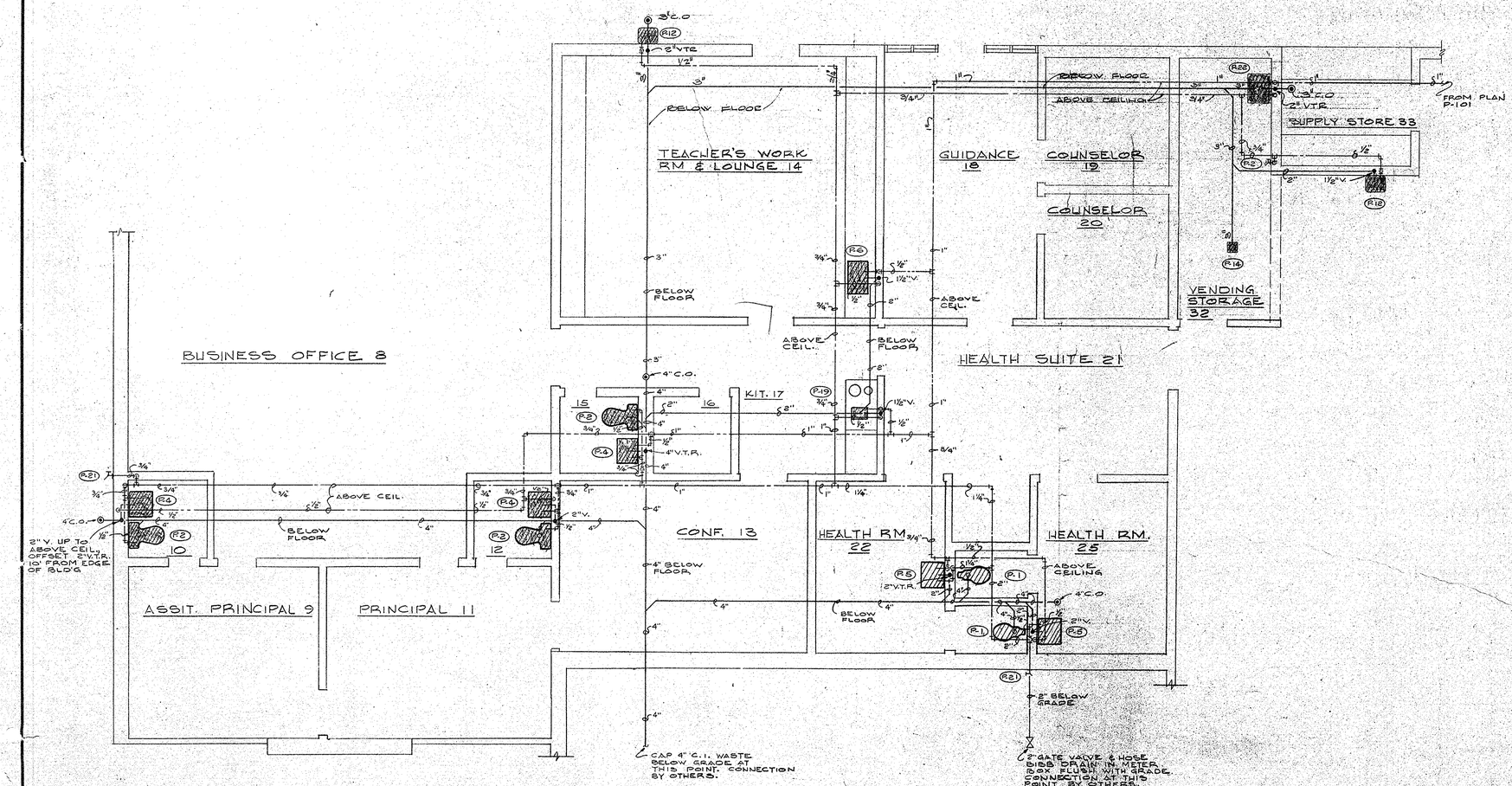


P-404 ENLARGED PLAN

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

P-405 ENLARGED PLAN ~ ALTERNATE P-4

1/8" = 1'-0"



P-402 ENLARGED PLAN

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

REVISION NO.	DESCRIPTION	DATE	BY
1	OMIT 2-P23 IN ART ROOM	31 JAN '69	VH

HENRY VON OESEN & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, N. C.
FILE NO. 1504

NORTH CAROLINA REGISTERED SEAL 4168 ENGINEER JAMES W. CHEATHAM

ADMIN. AREA & ARTS PLUMBING

M. C. S. NOBLE JUNIOR HIGH SCHOOL

WILMINGTON NORTH CAROLINA

NEW HANOVER COUNTY BOARD OF EDUCATION

Emsley A. Laney Chairman

Dr. Heyward C. Bellamy Superintendent

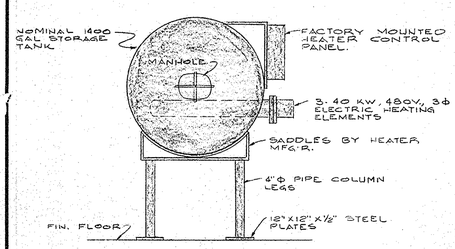
DESIGNED BY	J.E. WILLIS
DRAWN BY	J.C. WILLIS
CHECKED BY	J.H.C. J.E. VH
	6 JAN '69

LESLIE N. BONEY ARCHITECT

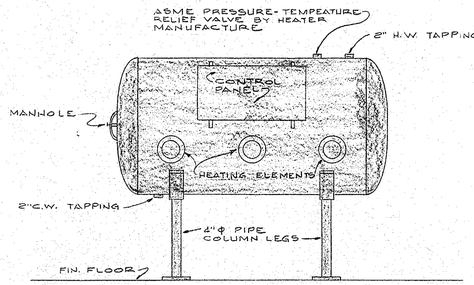
WILMINGTON NORTH CAROLINA

SHEET **P4**

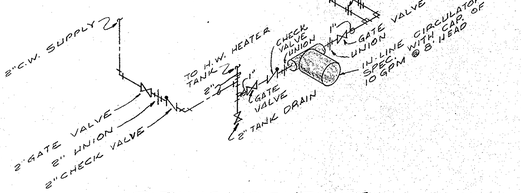
P-4 OF 5



LEFT END ELEVATION



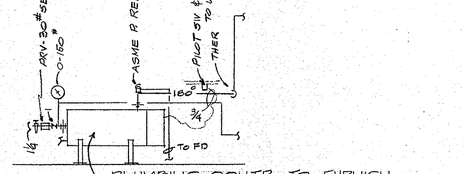
FRONT ELEVATION



PIPING SCHEMATIC

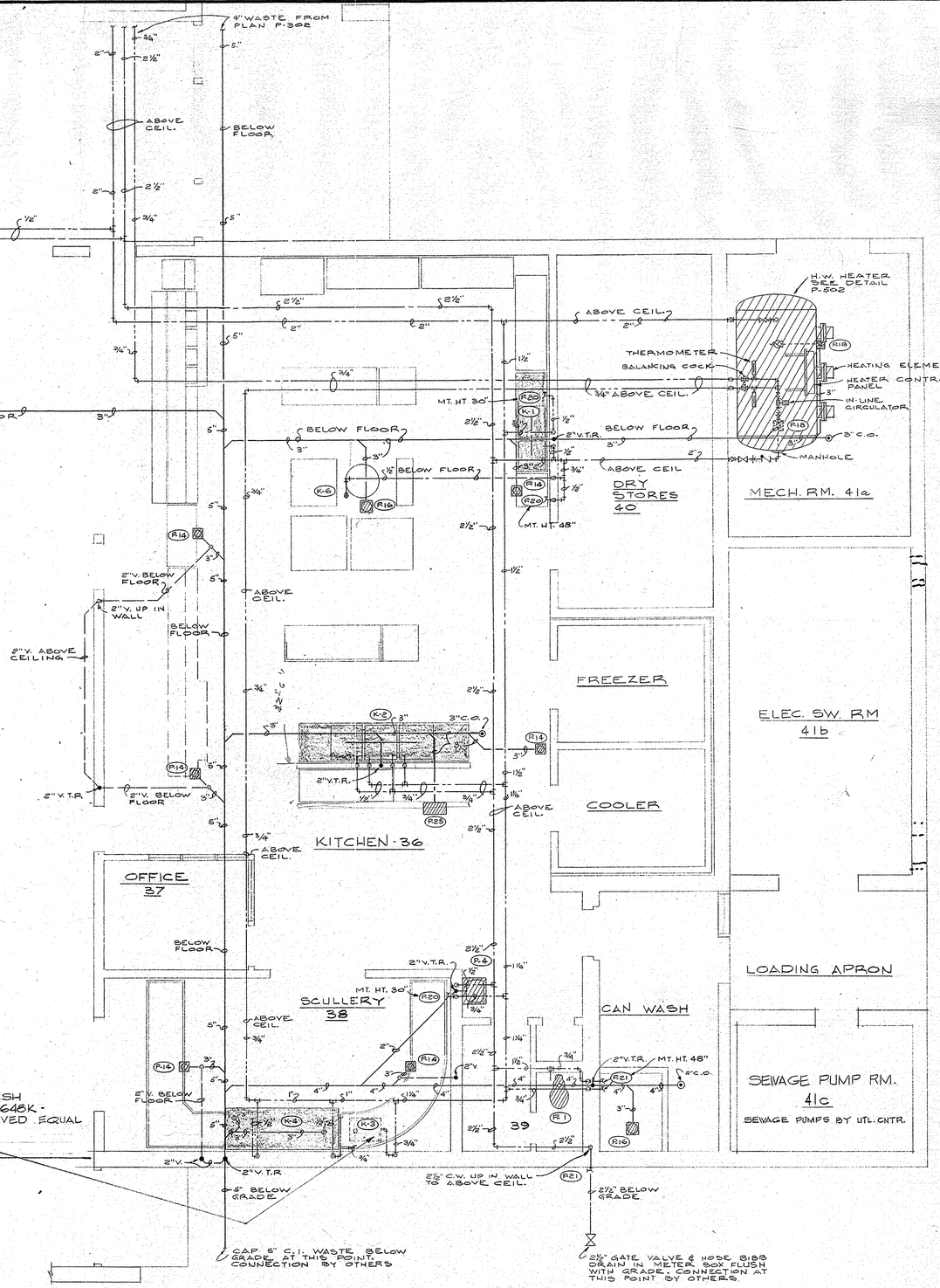
P-502 HOT WATER HEATER DETAILS

NO SCALE



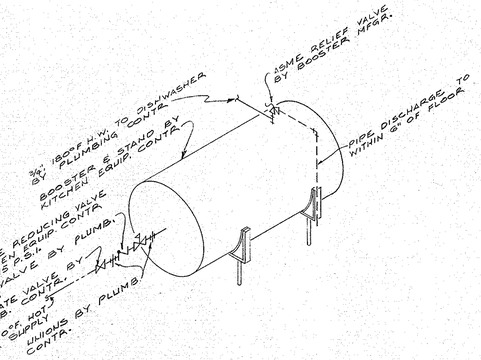
PLUMBING CONTR. TO FURNISH BOOSTER HEATER: COATS U4648K-48 KW, 480V, 3Φ OR APPROVED EQUAL ALTERNATE P-1.

P-505 ~ BOOSTER HEATER



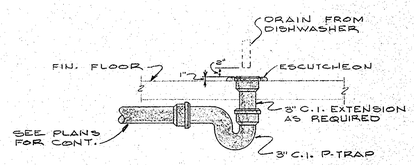
P-501 ENLARGED KITCHEN PLAN

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



P-503 H. W. BOOSTER PIPING DETAIL

NO SCALE



P-504 DISHWASHER DRAIN DETAIL

NO SCALE

KITCHEN EQUIPMENT SCHEDULE BY OTHERS

MARK	DESCRIPTION	WASTE	C.W.	H.W.	REMARKS
K—1	VEGETABLE SINK	2"	1/2"	1/2"	ROUGH ONLY- BASE BID CONNECT UNDER ALT. P-1
K—2	POT SINK	2"	2-1/2"	2-1/2"	
K—3	BOOSTER HEATER	—	—	¾"	ROUGH ONLY - BASE BID. CONNECT UNDER ALT. P-1 SEE DETAIL P-505
K—4	DISHWASHER	2-3"*	—	2-1/2"	do
K—5	SINK	1½"	1/2"	1/2"	
K—6	KETTLE FILLER	—	1/2"	—	ROUGH ONLY- BASIC BID CONNECT UNDER ALT. P-1

* OPEN SITE WASTE, SEE DETAIL P-504

REVISION NO.	DESCRIPTION	DATE	BY

KITCHEN PLUMBING & MISC. DTLS.

HENRY VON OESEN & ASSOCIATES
CONSULTING ENGINEERS
WILMINGTON, N. C.
FILE NO. 1504

M. C. S. NOBLE JUNIOR HIGH SCHOOL
WILMINGTON NORTH CAROLINA
NEW HANOVER COUNTY BOARD OF EDUCATION
Emsley A. Laney Chairman
Dr. Heyward C. Bellamy Superintendent

DESIGNED BY J.E.W.-L.L.N.
DRAWN BY J.E.W.
CHECKED BY J.H.C. Jr.-W.H.
6 JAN '69

LESLIE N. BONEY ARCHITECT
WILMINGTON NORTH CAROLINA

SHEET P5
P-5 OF 5

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