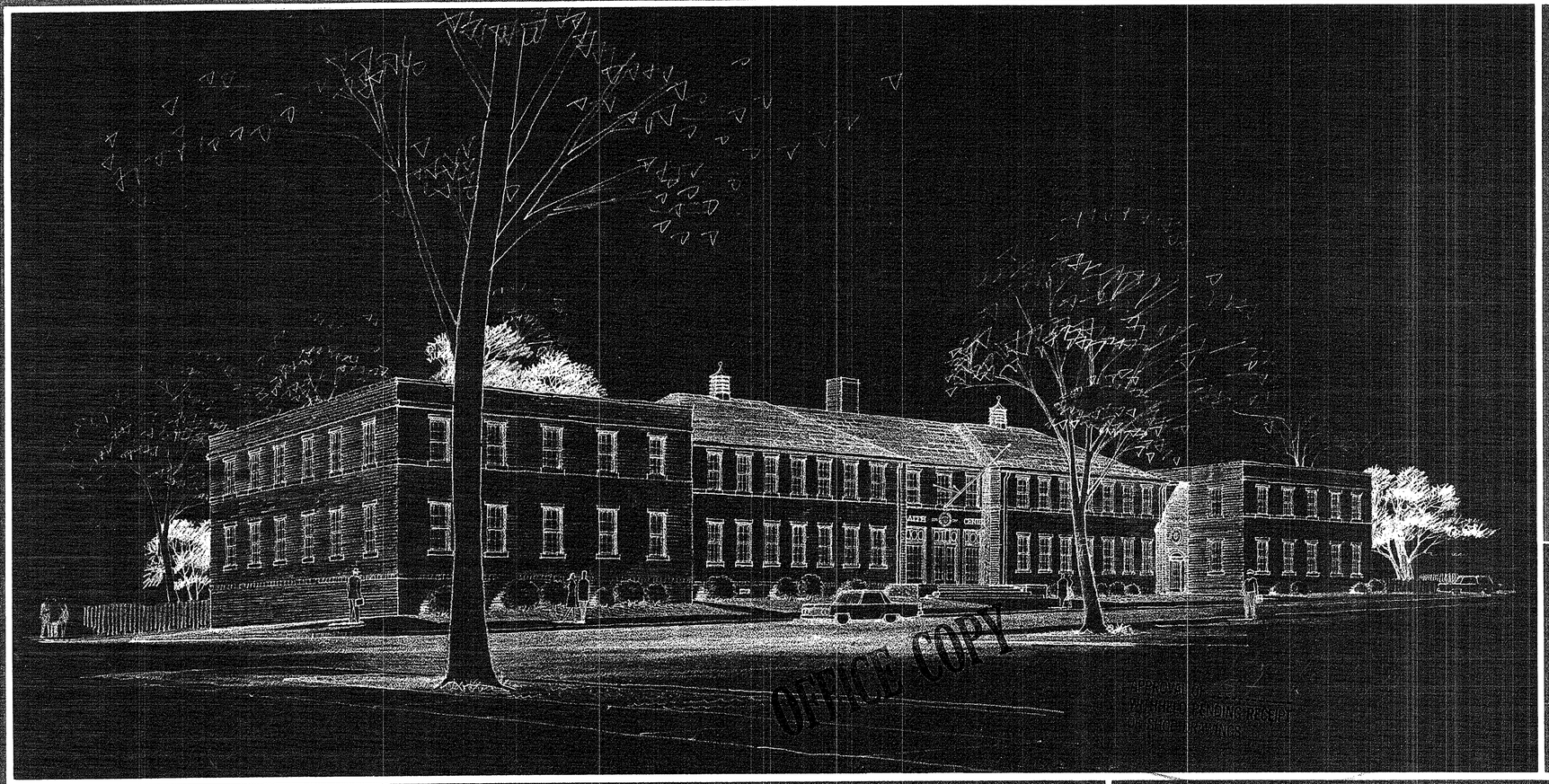
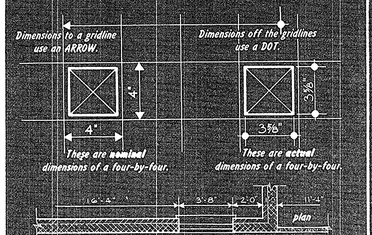


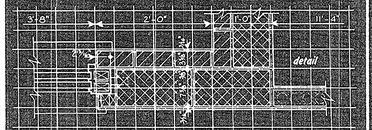
OFFICE COPY

NOTE — All drawings are dimensioned by Modular Measure in conformance with the American Standard Basis for Coordination of Dimensions of Building Materials and Equipment (A62.1-1956).

This system of dimensioning is used for greater efficiency in construction: less cutting, fitting and waste of material, less chance for dimensional errors. The Modular Method uses a horizontal and vertical grid of reference lines. The gridlines are spaced 4 inches apart in length, width and height.



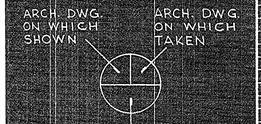
SMALL-SCALE plans, elevations and sections ordinarily give only nominal and grid dimensions (from gridline to gridline in multiples of four inches, using arrows at both ends). Dimension-arrows thus indicate **nominal** faces of walls, jambs, etc., finish floor, etc., coinciding with invisible gridlines, which are not drawn in at such small scales.



LARGE-SCALE detail drawings actually show these same gridlines drawn in, every 4 inches. On these details, reference dimensions give the locations of **actual** faces of materials in relation to the grid.

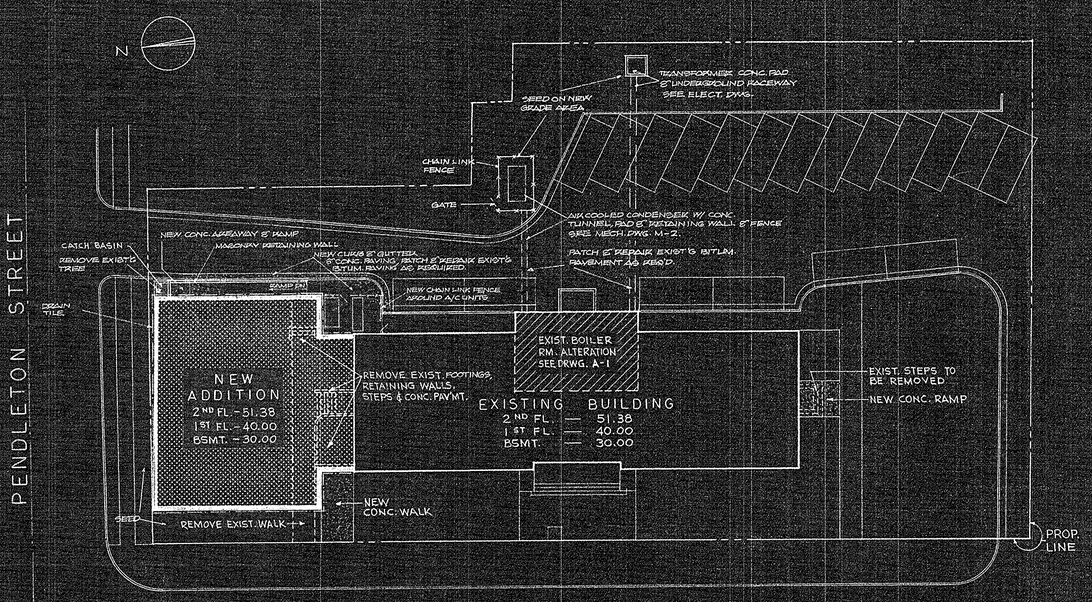
MATERIALS INDEX

- EARTH
- GRAVEL OR STONE FILL AS SPECIFIED
- ROCK OR ROCK FILL AS MARKED
- CONCRETE
- BRICK
- FIRE BRICK
- VITREOUS TILE — T. C., GLAZED, ETC.
- CONCRETE BLOCK
- RUBBLE STONE
- CUT STONE, GROUT, PLASTER, CEMENT (AS NOTED)
- BATT BLANKET OR FILL INSULATION
- RIGID INSULATION
- WOOD (ROUGH)
- METAL AS NOTED (LARGE & SMALL SCALE) — CIL
- WOOD (FINISH) SOLID PLYWOOD



DRAWING INDEX

SHEET Nº	DRAWG Nº	TITLE
1		COVER SHEET
2	C-1	SITE PLAN
3	A-1	FLOOR PLANS
4	A-2	ELEVATIONS, SECTIONS, & DETAILS
5	A-3	SCHEDULES & DETAILS
6	S-1	PLANS & DETAILS
7	S-2	SCHEDULES & DETAILS
8	P-1	FLOOR PLANS, NOTES, & LEGEND
9	P-2	BASEMENT PART PLAN & PIPER DIAGRAMS
10	M-1	FLOOR PLANS & SECTIONS
11	M-2	BASEMENT PART PLAN, SCHEDULE, & DETAILS
12	E-1	PLOT PLAN, SCHEDULES, SYMBOLS, & POWER DIAGRAM
13	E-2	FLOOR PLANS - LIGHTING & DIAGRAMS
14	E-3	FLOOR PLANS - POWER
15	E-4	EXISTING FLOOR PLANS - POWER & SECTION CUTS
16	E-5	PANELBOARD SCHEDULES



PLOT PLAN

SCALE: 1" = 20'-0"

ADDITION & ALTERATION

ALEXANDRIA HEALTH DEPARTMENT

FOR THE CITY OF ALEXANDRIA, VIRGINIA

DEPARTMENT OF BUILDINGS & INSPECTION SERVICES
RECEIVED
NOV 14 1963
ALEXANDRIA, VIRGINIA

OFFICE COPY

CITY COUNCIL:
CHARLES E. BEATLEY, JR., MAYOR
EUGENE W. ZIMMERMAN, VICE MAYOR
NICHOLAS A. COLASANTO
A. GEORGE COOK III
WILEY F. MITCHELL, JR.
JOHN K. PICKENS
JOHN T. TICER

CITY MANAGER:
ALBERT M. HAIR, JR.

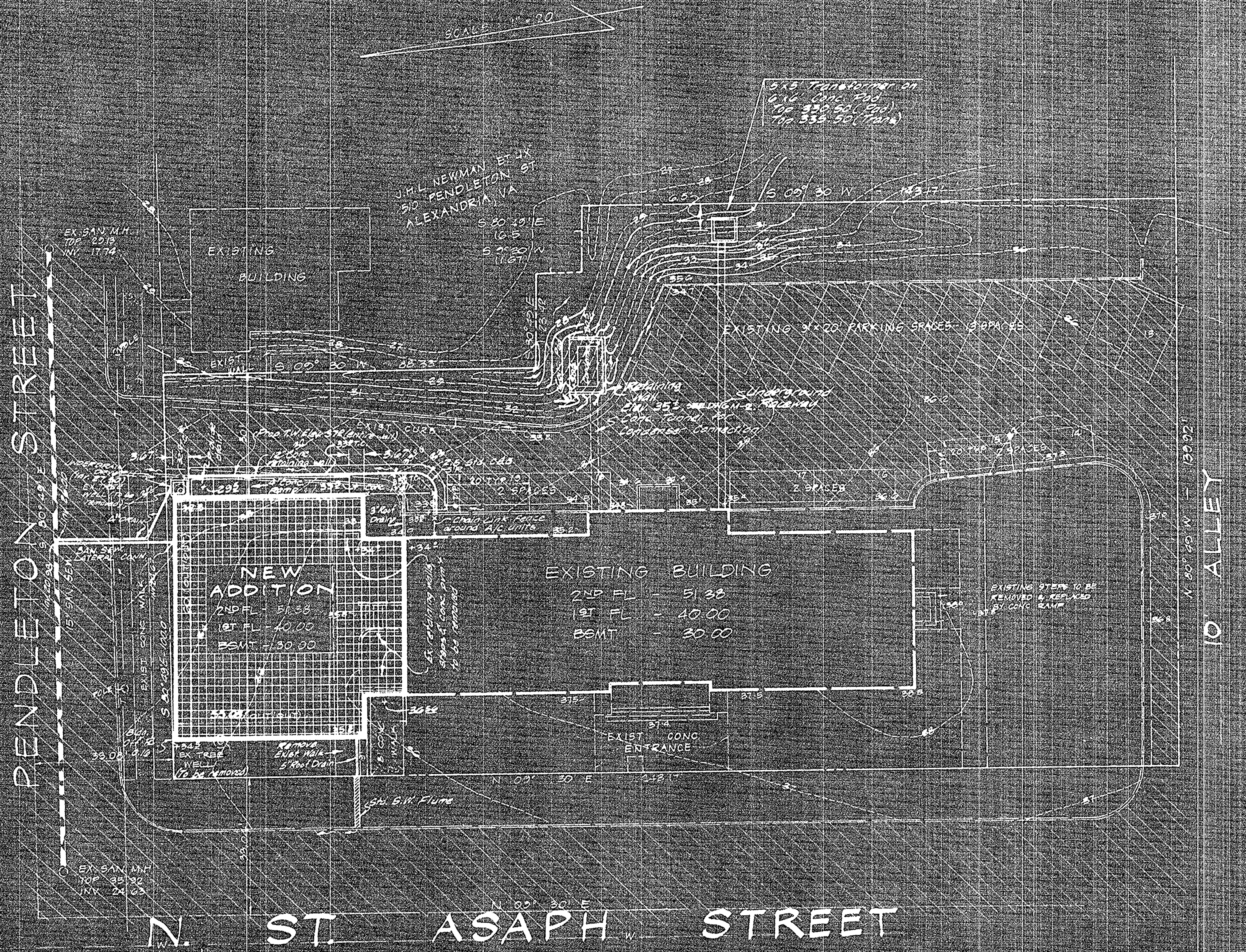
DIRECTOR OF PUBLIC HEALTH:
DR. THOMAS F. McGOUGH

SAUNDERS & PEARSON — ARCHITECTS & ENGINEERS

HOLLAND ENGINEERING — CONSULTING SITE ENGINEERS

SET NO. 8

LEGEND		
ITEM	EXISTING	NEW
CONTOURS	124	124
SPOT ELEVATIONS	124.5	+124.5
SANITARY SEWER		
STORM SEWER		
GAS MAINS	G	G
POWER LINES	P	P
TELEPHONE LINES	T	T
WATER MAINS	W	W
FIRE HYDRANTS		
FENCE		
STRUCTURES		
CONCRETE WALK	CONC. WALK	
PAVING		
HEADER CURB		
CURB & GUTTER		



GENERAL NOTES

ALL CONSTRUCTION TO CONFORM TO THE CURRENT STANDARDS & SPECIFICATIONS AS PREPARED BY THE CITY OF ALEXANDRIA, DEPT. OF PUBLIC WORKS.

UTILITIES SHOWN HEREON ARE FROM AVAILABLE PLATS AND RECORDS. CONTRACTOR TO VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION.

TOTAL LAND AREA	30,000 # OR .7 AC.
ALLOWABLE FLOOR AREA	90,000 #
PROPOSED FLOOR AREA	5,607.75 #
REQUIRED PARKING	35
PROPOSED PARKING (19 Onsite & 14 Offsite)	33
PLANNING DISTRICT	I
AVG. BUILDING HEIGHT (ADDITION)	20.8'
NUMBER OF FLOORS	2
ZONE	C-2
EXISTING NET FLOOR AREA	8,181.2 #

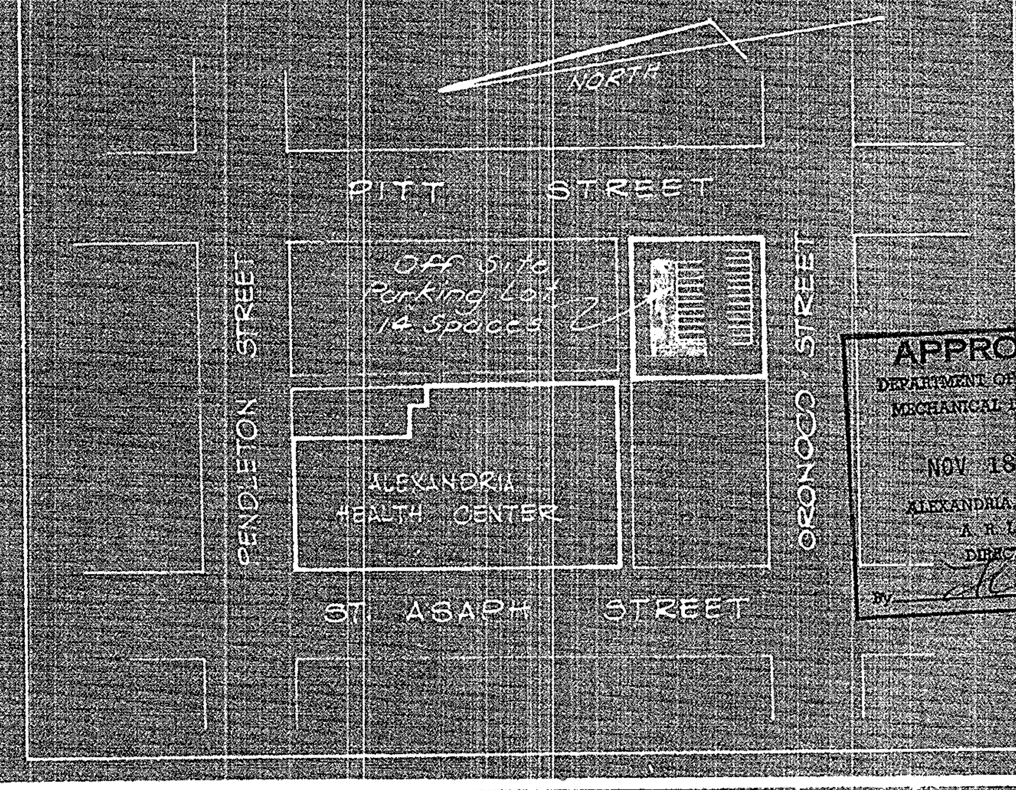
NOTE:
Contractor to submit plan for location of sidewalk grade to Architect and Dept of Building Inspection, City of Alexandria for approval prior to issuance of building permit.
All disturbed areas shall be reseeded (No landscaping this plan)

NOTE:
BOUNDARY FROM AVAILABLE DATA ON FILE IN THE LAND RECORDS OF THE CITY OF ALEXANDRIA.

NOTE:
Special Use Permit #745 approved by City Council 9-27-68 for the use of 14 parking spaces in city parking lot at Southwest corner of intersection of Pitt St. and Oronoco St.

Note: For design and details of two retaining walls, Transformer Box & Pad, Raceway and Underground Drywell, See Architectural Plans by Saunders and Pearson.

OFF-SITE PARKING LOCATION



APPROVED
DEPARTMENT OF BUILDING & MECHANICAL INSPECTION
NOV 18 1969
ALEXANDRIA, VIRGINIA
A. R. LASH
DIRECTOR
BY

BENCH MARK
"D" Top of curb, N.E. corner at intersection of Pendleton and St. Asaph St. Elev. 35.15 City Datum (To convert to U.S.C.&G.S. Datum, subtract from City Datum, 1.26 feet)

OWNER & DEVELOPER

ALEXANDRIA HEALTH CENTER
517 N. ST. ASAPH STREET
ALEXANDRIA, VIRGINIA

FINAL
SITE PLAN

Holland Engineering
110 NORTH ROYAL STREET • ALEXANDRIA, VA.
Edward S. Holland DATE Aug 14 1968
CERTIFIED PROFESSIONAL ENGINEER—VIRGINIA CERTIFICATE NO. 855

ALEXANDRIA HEALTH CENTER
ALEXANDRIA - VIRGINIA

DRAWN BY:	DATE
J.K.L.	7-29-68
GRADED BY:	DATE
CHECKED BY:	DATE

REVISION	DATE
Per Coordinating Comm.	8-15-68
Per Planning Comm.	9-10-69
Off Site Parking	9-11-69
Per Architect	7-10-69
Per Architect	10-10-69
Notes per City	10-29-69

SCALE 1" = 20'
FIELD BK. 205/17 HARD COPY 322
SHEET NO. 1 of 1
JOB NO. BLK-322

COMMONWEALTH OF VIRGINIA JOSEPH H. SAUNDERS CERTIFICATE No. 299 CERTIFIED ARCHITECT

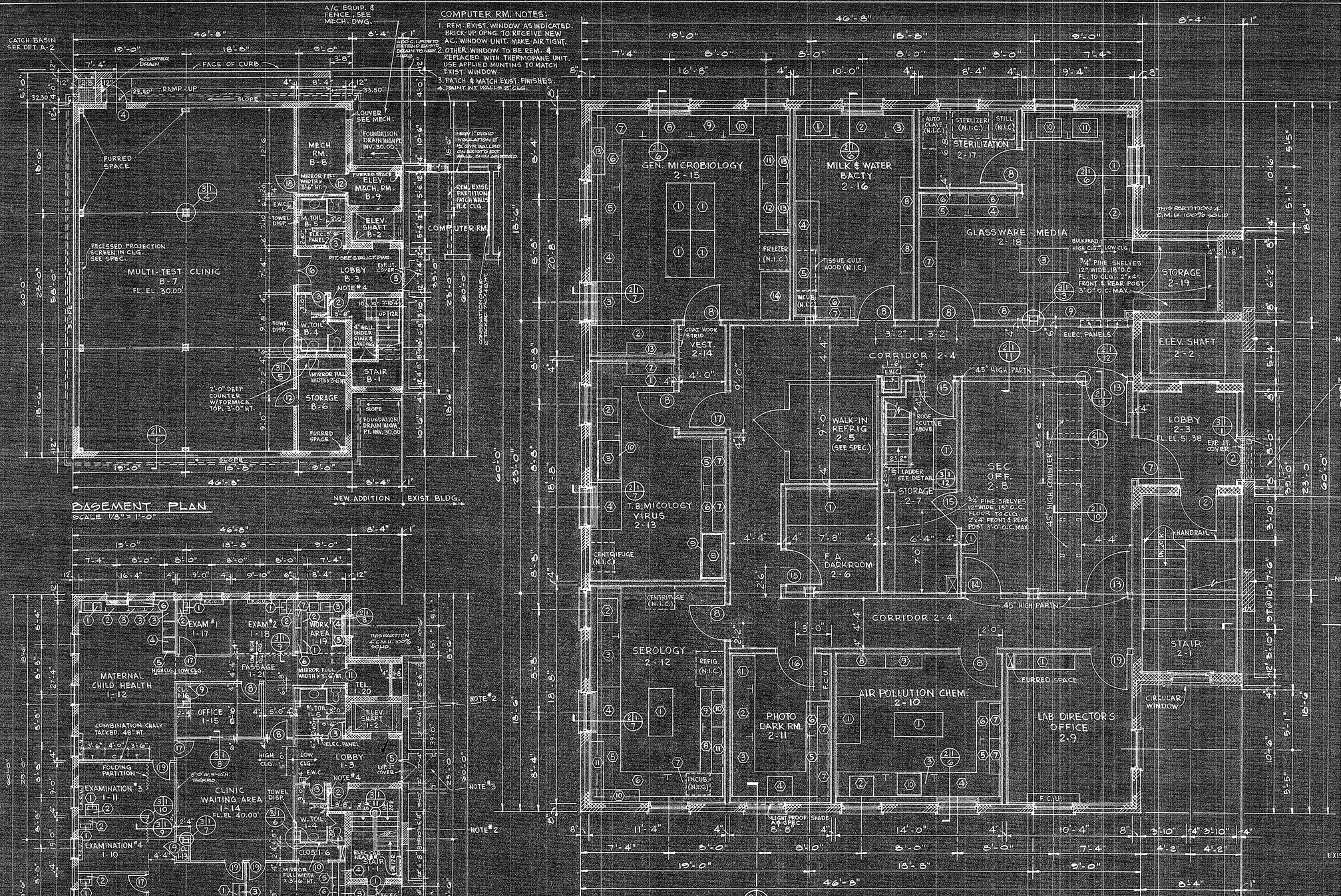
COMMONWEALTH OF VIRGINIA CHAS. A. PEARSON, JR. CERTIFICATE No. 422 CERTIFIED ARCHITECT

ADDITION & ALTERATION TO
ALEXANDRIA HEALTH DEPT.
ALEXANDRIA, VIRGINIA

SITE PLAN

SAUNDERS & PEARSON
ARCHITECTS
3636 KING STREET - ALEXANDRIA, VIRGINIA

COMM. NO. 6812
DATE 11-10-69
DRWG. NO. C-1
SHEET NO. 2 OF 16



NOTES:

1. ITEMS LABELLED (N.I.C.) ARE TO BE INSTALLED AND HOOKED UP BY GEN. CONTR.
2. EXIST. WINDOW, SILL AND FRAME TO BE REMOVED. OPNG. TO BE FILLED SOLID WITH BRICK. WALL FINISH TO MATCH EXIST. RM. FINISH.
3. EXIST. PAIR OF DOORS TO BE REMOVED AND TURNED OVER TO OWNER.
4. ALL 4" C.M.U. IN STAIR HALLS TO BE 100% SOLID.
5. ALL INTERIOR PARTNS. THUS [ ] SHALL BE 4" OR 6" MET. STUD WITH ½" GYPSUM WALLBD. EACH SIDE, FILLED WITH 2" BATT INSULATION. CARRY MET. STUDS TO STRUCT. MEMBER ABOVE. PROVIDE REINF. AS REQ'D. WHERE WALL CABINETS OCCUR.
6. SEE SPEC. FOR CASEWORK AND EQUIPMENT LIST.
7. ALL NEW MASONRY WALLS ABUTTING EXIST. MASONRY WALL SHALL BE TIED BY VERT. ℓ W/SLIP JOINT, SEE TYP. DET. DWG. A-2

JOSEPH H. SAUNDERS CERTIFICATE No. 299 — COMMONWEALTH OF VIRGINIA — CERTIFIED ARCHITECT

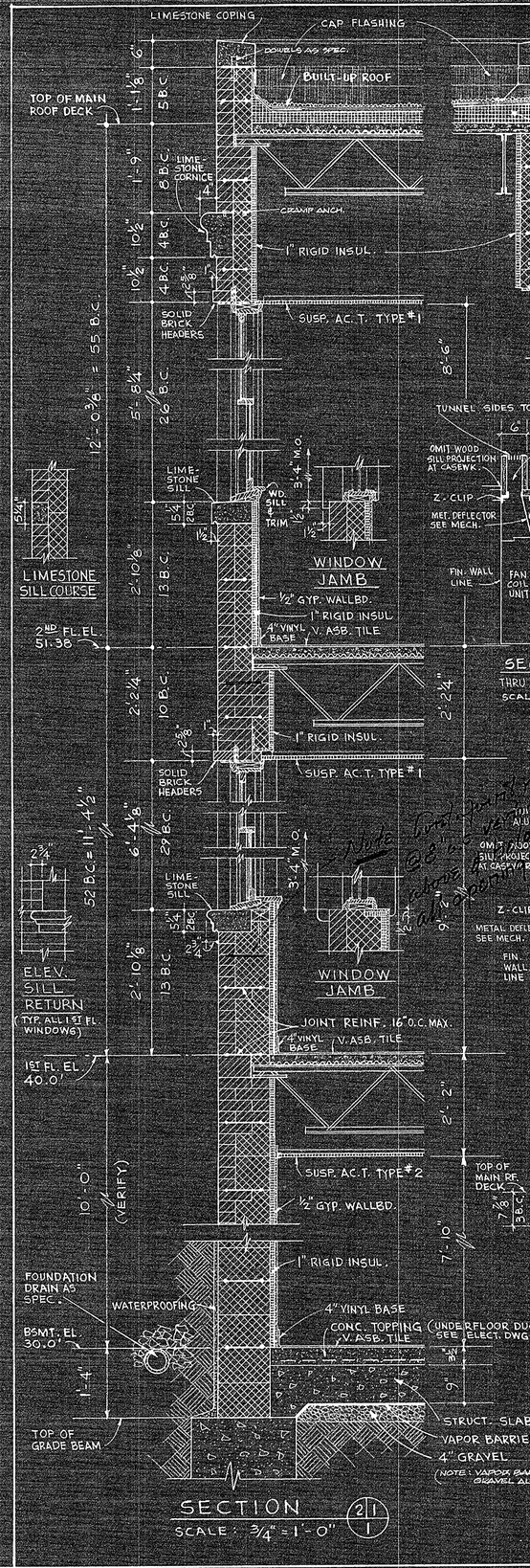
CHAS. A. PEARSON, JR. CERTIFICATE No. 422 — COMMONWEALTH OF VIRGINIA — CERTIFIED ARCHITECT

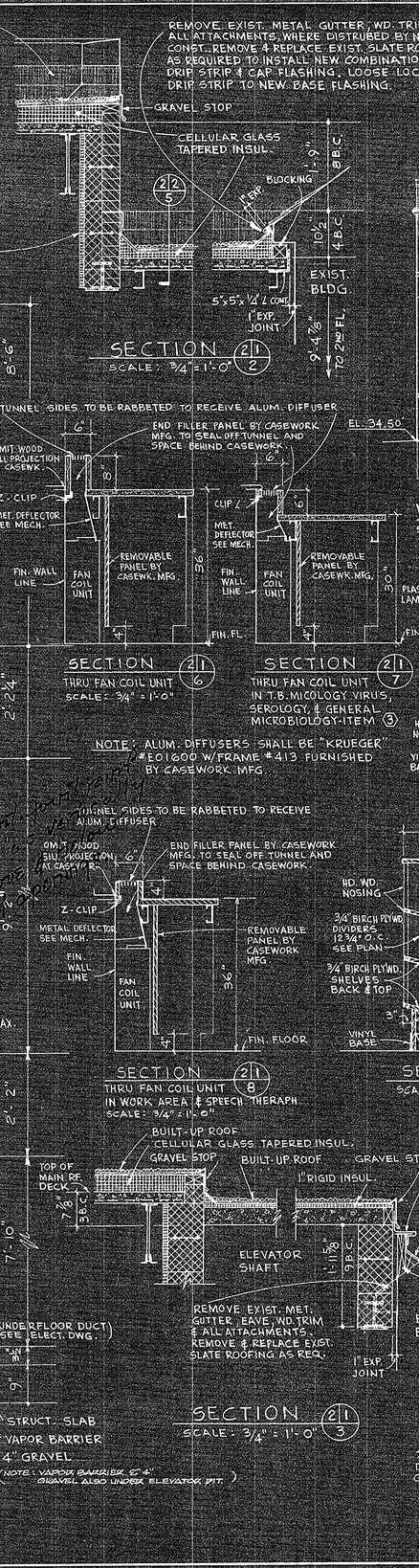
ADDITION & ALTERATION TO ALEXANDRIA HEALTH DEPT.
ALEXANDRIA, VIRGINIA

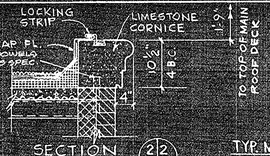
FLOOR PLANS

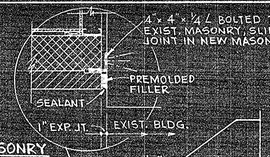
SAUNDERS & PEARSON ARCHITECTS
3636 KING STREET · ALEXANDRIA, VIRGINIA

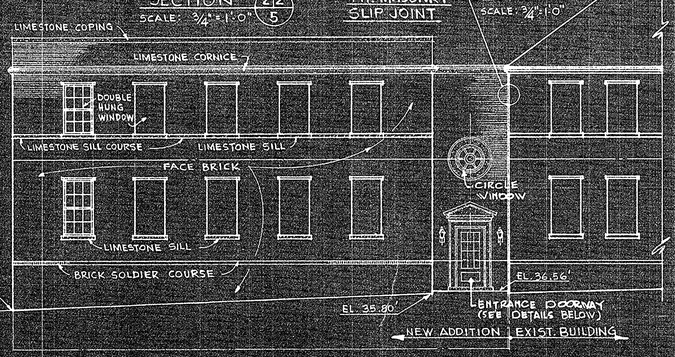
COMM. NO. 6812
DATE 11-10-69
DRWG. NO. A-1
SHEET NO. 3 OF 16

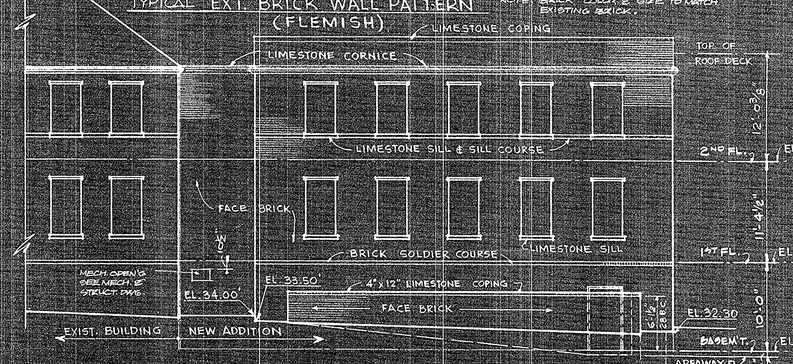






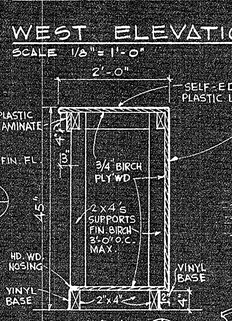


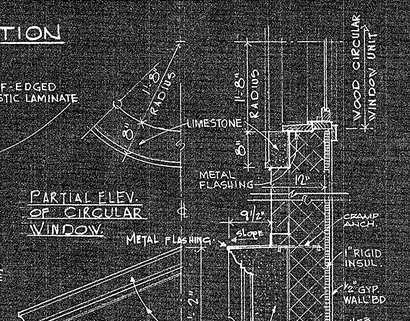


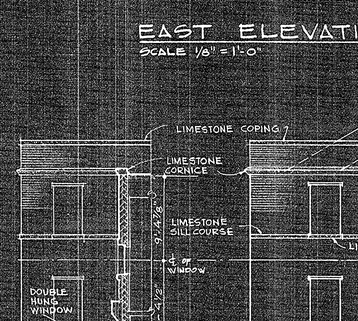


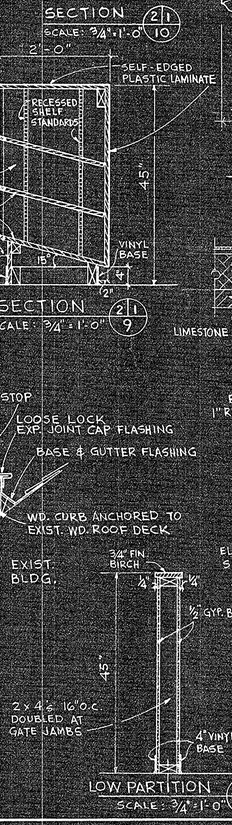
WEST ELEVATION
SCALE 1/8" = 1'-0"

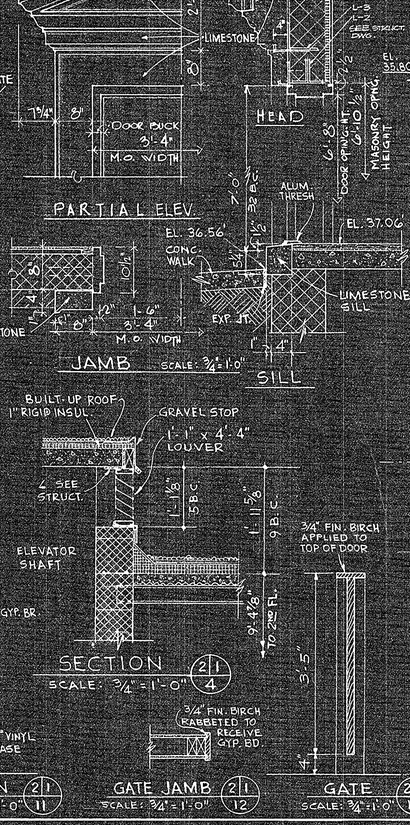
EAST ELEVATION
SCALE 1/8" = 1'-0"

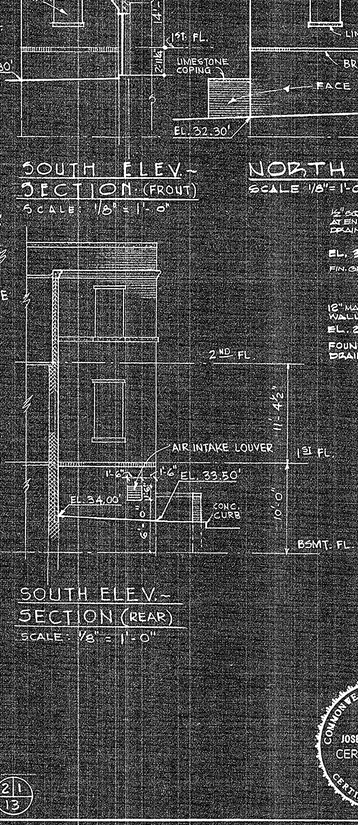


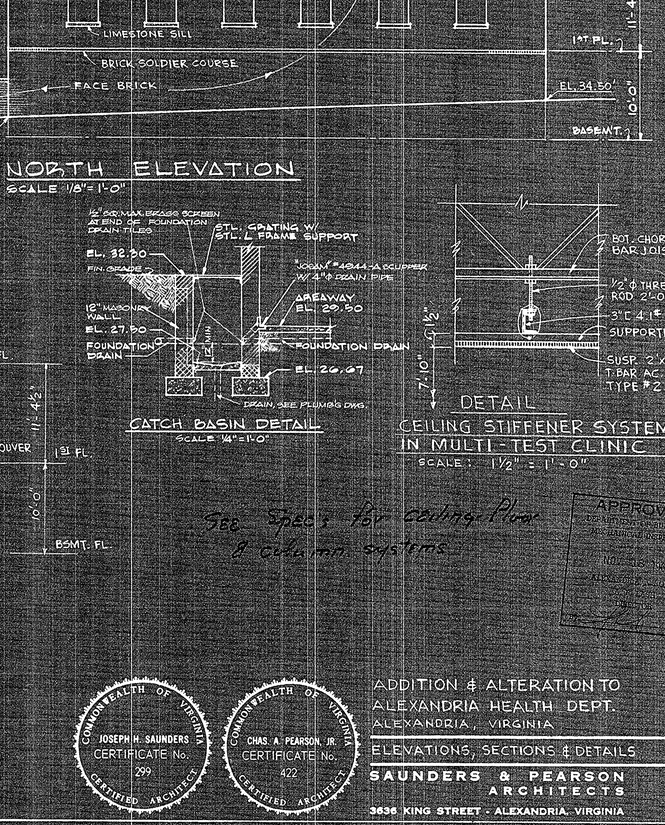












See Spec's for Ceiling Plan & Ceiling Systems.

APPROVED

COMMONWEALTH OF VIRGINIA
JOSEPH H. SAUNDERS
CERTIFICATE No. 299
CERTIFIED ARCHITECT

COMMONWEALTH OF VIRGINIA
CHAS. A. PEARSON, JR.
CERTIFICATE No. 422
CERTIFIED ARCHITECT

ADDITION & ALTERATION TO ALEXANDRIA HEALTH DEPT.
ALEXANDRIA, VIRGINIA

ELEVATIONS, SECTIONS & DETAILS

SAUNDERS & PEARSON ARCHITECTS
3636 KING STREET - ALEXANDRIA, VIRGINIA

COMM. NO. 6812
DATE 11-10-69
DWG. NO. A-2
SHEET NO. 4 OF 16

FINISH SCHEDULE

KEY:
- ○ MATERIAL AND/OR FINISH
- ○ SEE NOTE NO. — BELOW
- ● SEE REMARKS
- ◑ PAINTED

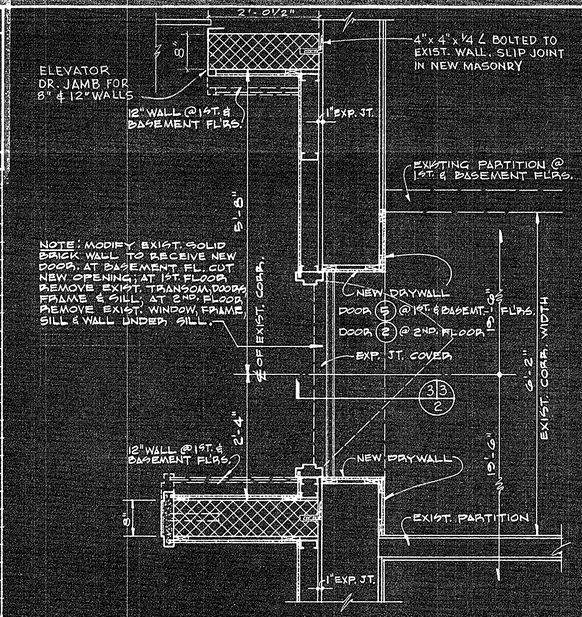
SPACE	NO.	FLOOR MAT.	FLOOR FIN.	BASE MAT.	BASE FIN.	WALLS MAT.	WALLS FIN.	WAINS. MAT.	WAINS. FIN.	CEILING MAT.	CEILING HEIGHT	REMARKS
STAIR	B-1		●		○		◑			◑		VINYL ASBESTOS TILE AT FLOOR LANDING
ELEVATOR SHAFT	B-2	○				○						
LOBBY	B-3		○		○	◑			○		7'-2"	
W. TOILET	B-4		○		○	◑		5'-6"	○		7'-2"	
M. TOILET	B-5		○		○	◑		5'-6"	○		7'-2"	
STORAGE	B-6	○				◑			○		7'-2"	
MULTI-TEST CLINIC	B-7		○			◑			○		7'-10"	SEE CLG. STIFFENER SYSTEM DET. DRWG NO. A-2
MECH. ROOM	B-8	○				◑			○		8'-8"	
ELEV. MACH. RM.	B-9	○				◑			○		7'-2"	
STAIR	1-1		●		○		◑			◑		VINYL ASBESTOS TILE AT FLOOR LANDING
ELEVATOR SHAFT	1-2					○						
LOBBY	1-3		○		○	◑			○		7'-2"	
W. TOILET	1-4		○		○	◑		5'-6"	○		7'-2"	
M. TOILET	1-5		○		○	◑		5'-6"	○		7'-2"	
CLOSET	1-6	○				◑			○		8'-0"	5 SHELVES
SPEECH THERAPY	1-7		○		○	◑			○		9'-2"	
NURSE	1-8		○		○	◑			○		9'-2"	
CONSULTATION	1-9		○		○	◑			○		9'-2"	
EXAMINATION #4	1-10		○		○	◑			○		9'-2"	
EXAMINATION #3	1-11		○		○	◑			○		9'-2"	
MATERNAL CHILD HEALTH	1-12		○		○	◑			○		9'-2"	
CLOSET	1-13	○				◑			○		8'-0"	5 SHELVES
CLINIC WAITING AREA	1-14		○		○	◑			○		8'-0"	FIN. BIRCH CHAIR RAIL AROUND THIS ROOM
OFFICE	1-15		○		○	◑			○		8'-0"	
COAT CLOSET	1-16	○				◑			○		8'-0"	W/HANGING ROD & SHELF
EXAMINATION #1	1-17		○		○	◑			○		9'-2"	
EXAMINATION #2	1-18		○		○	◑			○		9'-2"	
WORK AREA	1-19		○		○	◑			○		9'-2"	8'-0"
TELEPHONE RM.	1-20	○				◑			○		7'-2"	PROVIDE PLY'WD. PANELS ON WALL AS REQ. BY TEL. CO.
PASSAGE #1	1-21		○			◑			○		8'-0"	
STAIR	2-1		●		○		◑			◑		VINYL ASBESTOS TILE AT FLOOR LANDING
ELEVATOR SHAFT	2-2					○						
LOBBY	2-3	○			○	◑			○		7'-2"	
CORRIDOR	2-4	○			○	◑			○		8'-6"	
WALK-IN REFRIG.	2-5	SEE SPECIFICATIONS										
F.A. DARKROOM	2-6	○			○	◑			○		8'-6"	
STORAGE	2-7	○			○	◑			○		8'-6"	
SECRETARY OFFICE	2-8	○			○	◑			○		8'-6"	
LAB. DIRECTOR'S OFF.	2-9	○			○	◑			○		8'-6"	
AIR POLLUTION CHEM.	2-10	○			○	◑			○		8'-6"	
PHOTO. DARKROOM	2-11	○			○	◑			○		8'-6"	
SEROLOGY	2-12	○			○	◑			○		8'-6"	
T.B. MICOLOGY VIRUS	2-13	○			○	◑			○		8'-6"	
VESTIBULE	2-14	○			○	◑			○		8'-6"	
GEN. MICROBIOLOGY	2-15	○			○	◑			○		8'-6"	
MILK & WATER. BACTY.	2-16	○			○	◑			○		8'-6"	
STERILIZATION	2-17	○			○	◑			○		8'-6"	
GLASSWARE-MEDIA	2-18	○			○	◑			○		8'-6"	
STORAGE	2-19	○			○	◑			○		7'-2"	

NOTES: 1. 1ST FL. PASSAGES TO EXAM. RMS. #3 & #4 FINISHED SAME AS EXAM. RMS.
2. INSIDE FACE OF ALL EXTERIOR WALLS SHALL HAVE 1" RIGID INSULATION, EXCEPT SPACES NO. B-8, B-9, B-6, & 1-20.

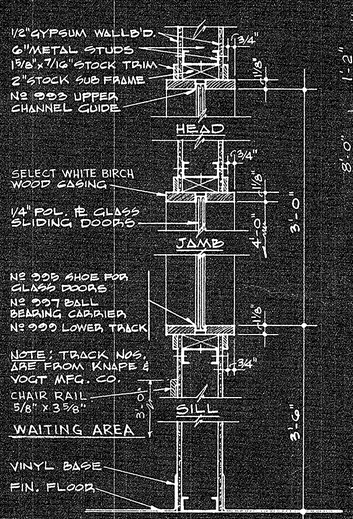
DOOR SCHEDULE

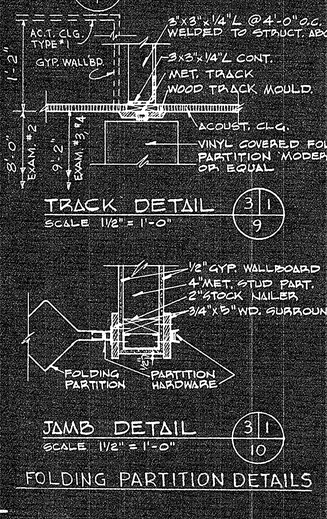
UL rated 1½ hr. door assembly

MARK	SIZE	THICK	TYPE	MATERIAL	GLASS	FRAME	THRSH.	WS.	LABEL	REMARKS
1	3'-0"x6'-8"	1¾"	A	WOOD	YES	METAL	ALUM.	YES		SEE DET. ON DRWG. A-2
2	3'-0"x6'-8"	1¾"	B	WOOD	WIRE GL.	METAL			B	
3	2'-6"x6'-8"	1⅜"	D	WOOD		METAL	7/8"x7" PLATE			WOOD LOUVER 1.5 ¢
4	3'-6"x6'-8"	1¾"	G	WOOD		METAL	ALUM.	YES		
5	3'-6"x6'-8"	1¾"	B	WOOD	WIRE GL.	METAL	*		B	* VINYL REDUCING STRIP @ BASEMT.
6	2-2'-6"x6'-8"	1⅜"	E	WOOD	YES	METAL				LOWER PANEL WOOD LOUVER
7	3'-6"x6'-8"	1⅜"	C	WOOD	YES	METAL				
8	3'-0"x6'-8"	1⅜"	F	WOOD	YES	METAL				LOWER PANEL WOOD LOUVER
9	2'-0"x6'-8"	1⅜"	H	WOOD		METAL				
10	2-2'-6"x6'-8"	1⅜"	J	WOOD		METAL				SLIDING DOOR,
11	2'-6"x6'-8"	1⅜"	H	WOOD		METAL				UNDERCUT DOOR 1"
12	3'-0"x6'-8"	1⅜"	D	WOOD		METAL				WOOD LOUVER 1.5 ¢
13	3'-6"x3'-5"	1⅜"	SEE NOTE	WOOD		WOOD				GATE, SEE DET. ON DWG. A-2
14	3'-0"x3'-5"	1⅜"	SEE NOTE	WOOD		WOOD				GATE, SEE DET. ON DWG. A-2
15	3'-0"x6'-8"	1⅜"	G	WOOD		METAL				
16	3'-0"x6'-8"	1⅜"	G	WOOD		METAL				LIGHT PROOF DOOR
17	3'-0"x6'-8"	1⅜"	C	WOOD	YES	METAL				
18	3'-0"x6'-8"	1⅜"	K	WOOD		METAL				FULL LOUVERED DOOR
19	3'-0"x6'-8"	1⅜"	C	WOOD	YES	METAL				UNDERCUT DOOR 1"



DETAIL
SCALE 3/4" = 1'-0"
3|1 1





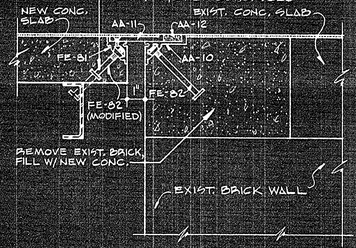
TRACK DETAIL
SCALE 1½" = 1'-0"
3|1 9

JAMB DETAIL
SCALE 1½" = 1'-0"
3|1 10

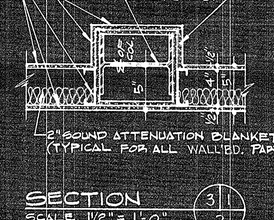
FOLDING PARTITION DETAILS

SECTION
SCALE 1½" = 1'-0"
3|1 8

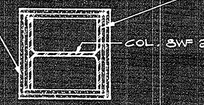
EXP. JOINT COVER, TYPE "AA-1" AS MFG. BY ARCHITECTURAL ART MFG., INC.

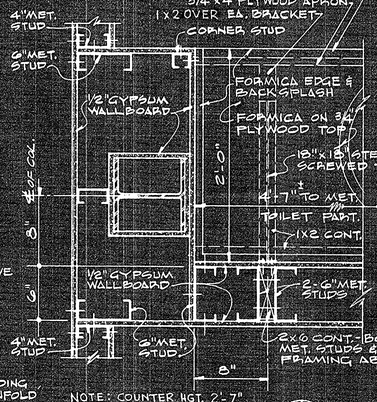


EXPANSION JOINT COVER
SCALE 3" = 1'-0"
3|3 2



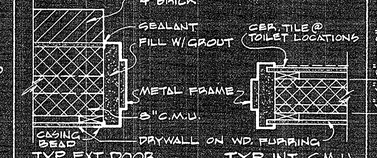
SECTION
SCALE 1½" = 1'-0"
3|1 3



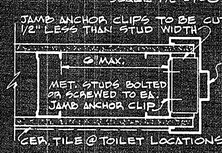


NOTE: COUNTER HGT. 2'-7"

SECTION
SCALE 1½" = 1'-0"
3|1 6

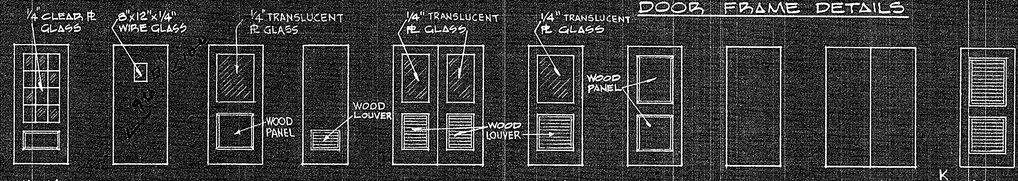


SCALE 1½" = 1'-0"



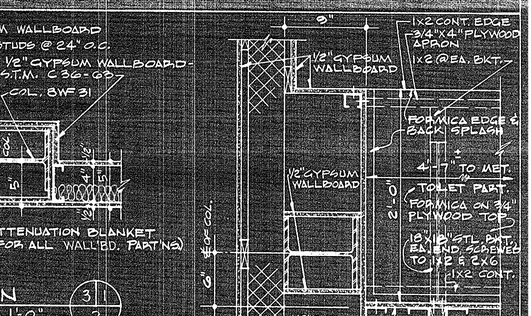
TYP. DRYWALL DOOR FRAME
SCALE 3" = 1'-0"

DOOR FRAME DETAILS



NOTE: "M" NO'S. ARE FROM MORGAN CATALOGUE AND ARE FOR DESIGN ONLY.

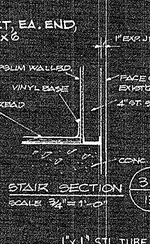
DOOR TYPES
SCALE: ¼" = 1'-0"



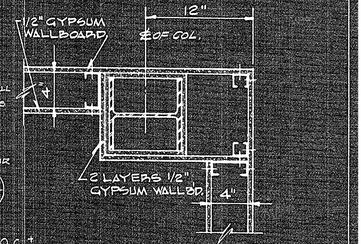
NOTE: COUNTER HGT. 2'-7"

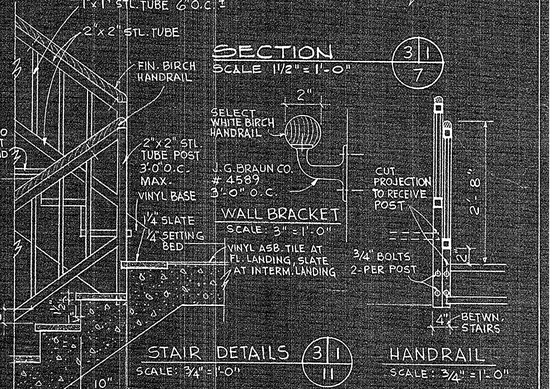
SECTION
SCALE 1½" = 1'-0"
3|1 5

SECTION
SCALE 1½" = 1'-0"
3|1 4



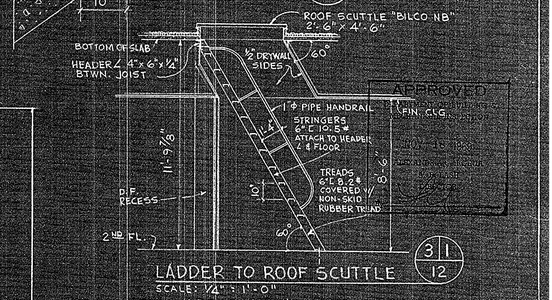
STAIR SECTION
SCALE ¾" = 1'-0"
3|1 13





STAIR DETAILS
SCALE: ¾" = 1'-0"
3|1 11

HANDRAIL
SCALE: ¾" = 1'-0"



LADDER TO ROOF SCUTTLE
SCALE: ¼" = 1'-0"
3|1 12

NOTES: 1. 1ST FL. PASSAGES TO EXAM. RMS. #3 & #4 FINISHED SAME AS EXAM. RMS.
2. INSIDE FACE OF ALL EXTERIOR WALLS SHALL HAVE 1" RIGID INSULATION, EXCEPT SPACES NO. B-8, B-9, B-6, & 1-20.

COMMONWEALTH OF VIRGINIA — JOSEPH H. SAUNDERS — CERTIFICATE No. 299 — CERTIFIED ARCHITECT

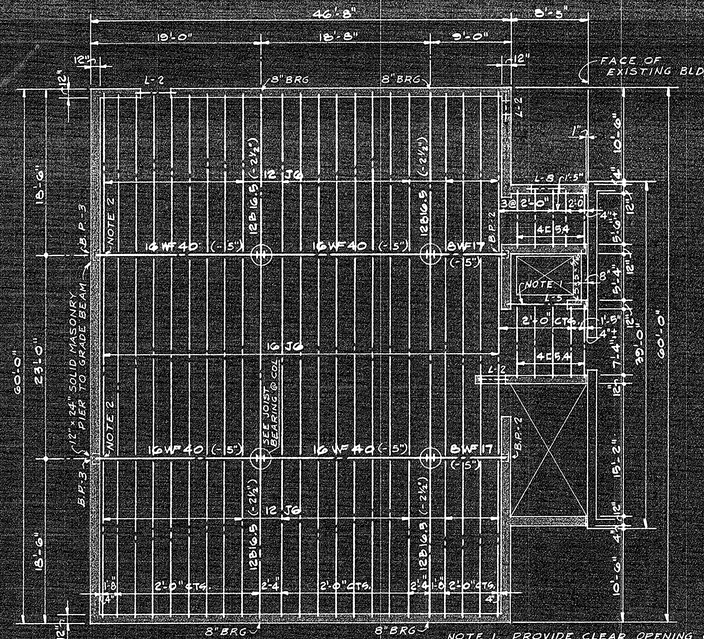
COMMONWEALTH OF VIRGINIA — CHAS. A. PEARSON, JR. — CERTIFICATE No. 422 — CERTIFIED ARCHITECT

ADDITION & ALTERATION TO
ALEXANDRIA HEALTH DEPT.
ALEXANDRIA, VIRGINIA

SCHEDULES & DETAILS

SAUNDERS & PEARSON ARCHITECTS
3636 KING STREET - ALEXANDRIA, VIRGINIA

COMM. NO. 6812
DATE 11-10-69
DRWG. NO. A-3
SHEET NO. 5 OF 16



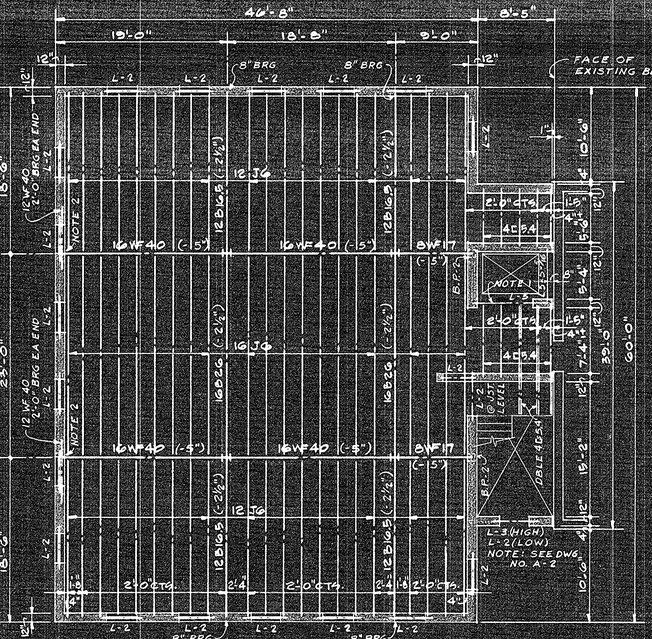
FIRST FLOOR FRAMING PLAN

SCALE 1/8"=1'-0"

NOTE 1. PROVIDE CLEAR OPENING 6'-6" WIDE × 7'-2" HIGH FOR INSTALLATION OF ELEVATOR EQUIPMENT

NOTE 2. SEE BEAM BEARING DETAIL ON DWG S-2

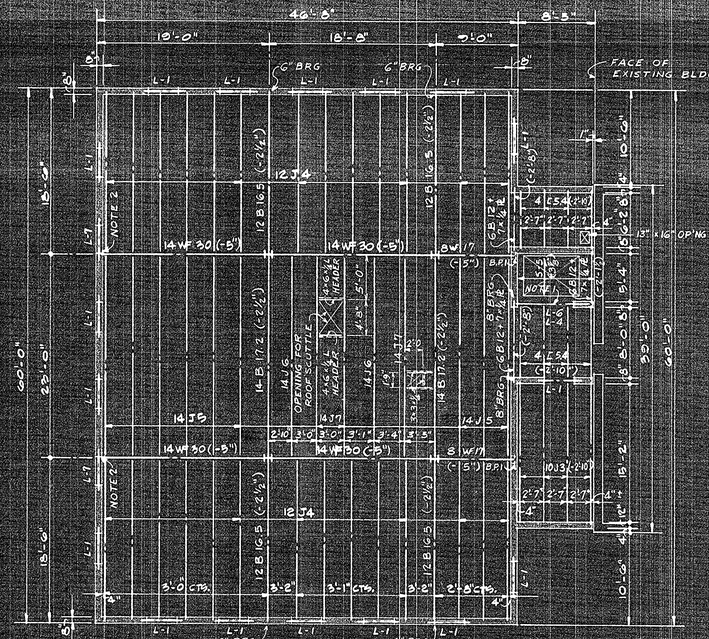
NOTE:
DIMENSIONS GIVEN THUS (-5") OR (-2½") INDICATE DISTANCE TOP OF BEAM IS BELOW TOP OF FLOOR SLAB



SECOND FLOOR FRAMING PLAN

SCALE 1/8"=1'-0"

NOTE:
DIMENSIONS GIVEN THUS (-5") OR (-2½") INDICATE DISTANCE TOP OF BEAM IS BELOW TOP OF FLOOR SLAB



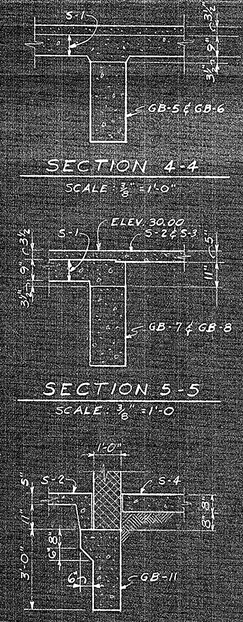
ROOF FRAMING PLAN

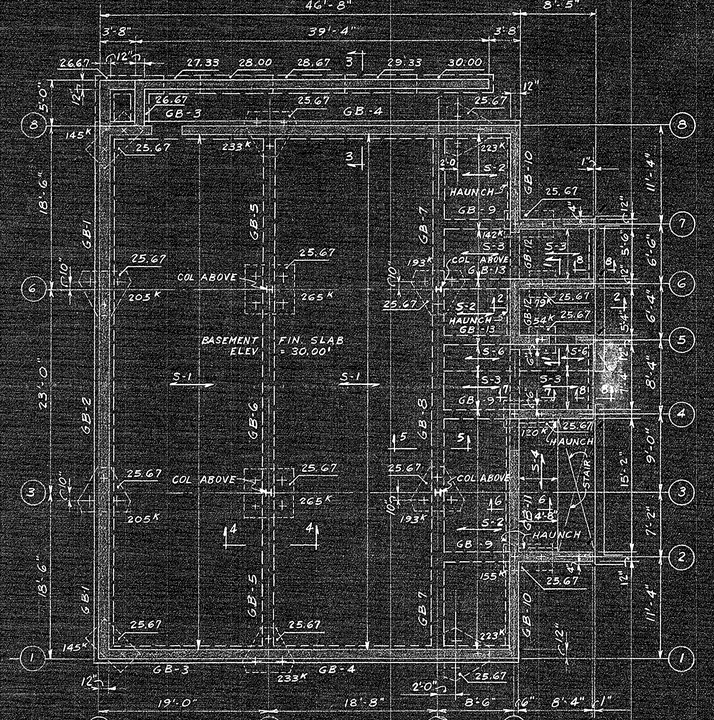
SCALE 1/8"=1'-0"

NOTE:
DIMENSIONS GIVEN THUS (-5") OR (-2½") INDICATE DISTANCE TOP OF BEAM IS BELOW TOP OF MAIN ROOF SLAB

BEARING PLATE SCHEDULE

B.P.-1	6" × 10" × ⅜"
B.P.-2	10" × 10" × ⅜"
B.P.-3	10" × 12" × ½"

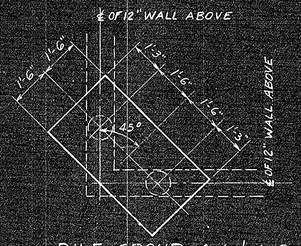




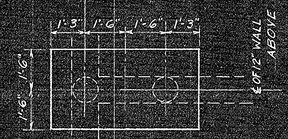
FOUNDATION PLAN

SCALE: ⅛"=1'-0"

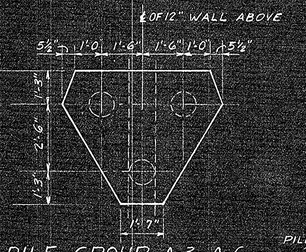
NOTE:
ELEVATIONS SHOWN ARE TO TOP OF PILE CAPS OR TOP OF WALL FOOTING.



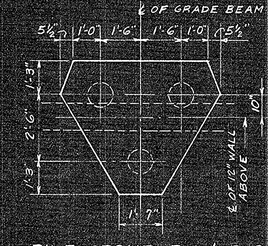
PILE GROUP A-1 & A-8



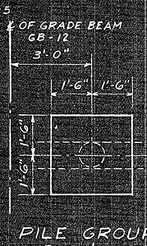
PILE GROUP D-2, D-4 & D-7



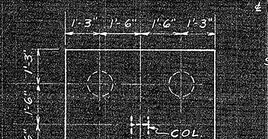
PILE GROUP A-3, A-6, C-1, C-3, C-6 & C-8



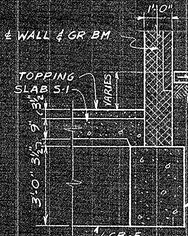
PILE GROUP B-1 & B-8



PILE GROUP D-5 & D-6



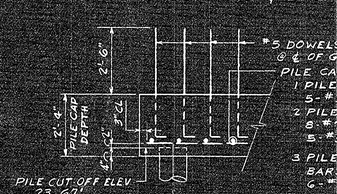
PILE GROUP B-3 & B-6



SECTION 3-3

SCALE: ⅜"=1'-0"

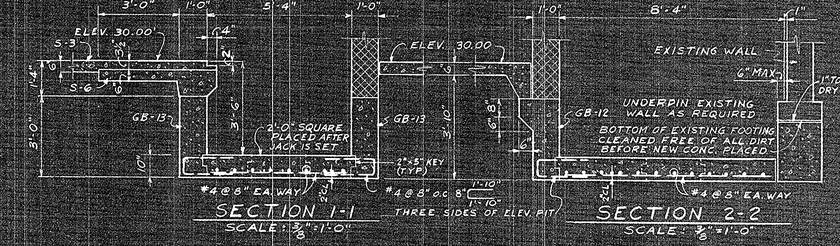
PILE GROUP A-3, A-6, C-1, C-3, C-6 & C-8



TYPICAL PILE CAP DETAIL

PILE & PILE CAPS DETAILS

SCALE: ⅜"=1'-0"



SECTION 1-1

SCALE: ⅜"=1'-0"

SECTION 2-2

SCALE: ⅜"=1'-0"

CAST-IN-PLACE CONCRETE PILES - 40 TONS

PILES SHALL BE UNIFORMLY TAPERED OR STRAIGHT. THE TAPERED PILE IS TO HAVE A MINIMUM TIP DIAMETER OF 10" AND THE STRAIGHT PILE TO HAVE A MINIMUM TIP DIAMETER OF 12". ALL PILES ARE TO HAVE A MINIMUM BUTT DIAMETER AT CUT-OFF OF 12".

ALL PILES ARE TO BE PRE-DRILLED 20 FEET BELOW PILE CUT-OFF.

CONCRETE FOR PILES SHALL HAVE COMPRESSIVE STRENGTH OF NOT LESS THAN 3750 P.S.I. AT THE END OF 28 DAYS.

THE SHELLS SHALL BE OF SUFFICIENT STRENGTH AND THICKNESS TO WITHSTAND, WITHOUT INJURY, SOIL PRESSURES WHILE DRIVING TO THE REQUIRED RESISTANCE AND TO WITHSTAND HARMFUL DISTORTION AND/OR BUCKLING.

FOR BASE BID THE PILE TIP IS TO BE CONSIDERED AT ELEVATION MINUS 30 (-30). HOWEVER, THE CASING FOR EACH PILE SHALL BE DRIVEN TO THE RESISTANCE REQUIRED FOR THE DESIGN LOAD OF 40 TONS AS CALCULATED BY THE ENGINEERING NEWS FORMULA.

CALCULATIONS FOR THE PENETRATION COUNT REQUIRED TO OBTAIN THE 40 TON CAPACITY WITH THE PARTICULAR DRIVING APARATUS TO BE USED SHALL BE SUBMITTED TO THE OFFICE OF THE BUILDING INSPECTOR OF THE CITY OF ALEXANDRIA PRIOR TO THE DRIVING OF ANY PILES.

If Pumice casing a pile observing boy Dr Bldg & Mech Insp Dept - Adap.

COMMONWEALTH OF VIRGINIA
RODNEY J. KOBACEK
CERTIFICATE No. 9163
REGISTERED PROFESSIONAL ENGINEER

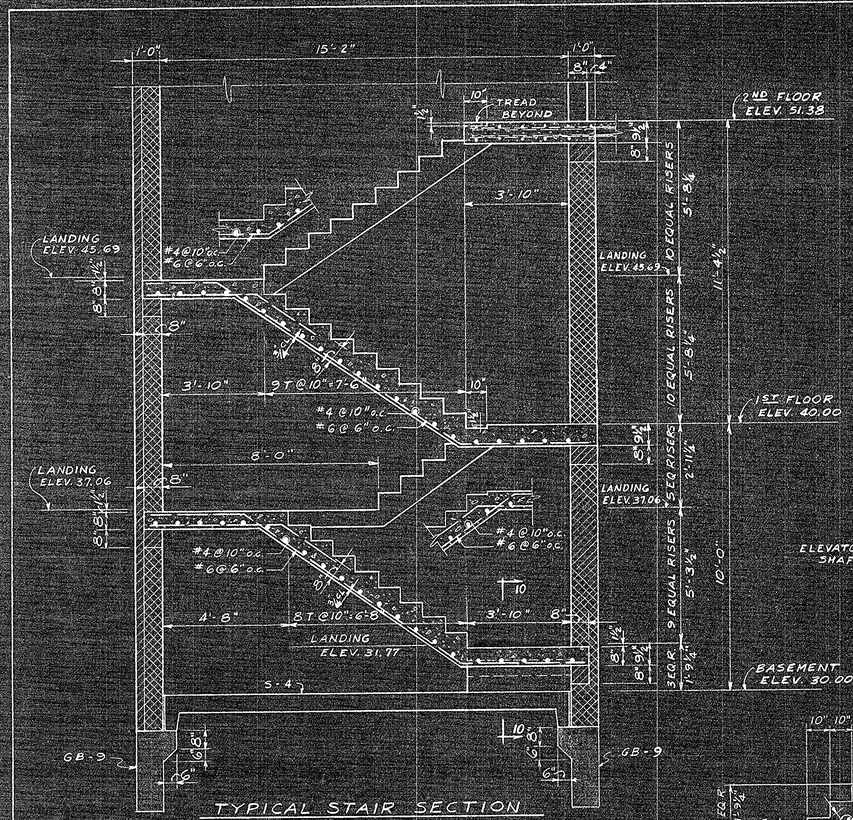
COMMONWEALTH OF VIRGINIA
JOSEPH H. SAUNDERS
CERTIFICATE No. 299
CERTIFIED ARCHITECT

COMMONWEALTH OF VIRGINIA
CHAS. A. PEARSON, JR.
CERTIFICATE No. 422
CERTIFIED ARCHITECT

ADDITION & ALTERATION TO ALEXANDRIA HEALTH DEPT
ALEXANDRIA, VIRGINIA
PLANS & DETAILS

SAUNDERS & PEARSON ARCHITECTS
3636 KING STREET - ALEXANDRIA, VIRGINIA

COMM. NO. 6812
DATE 11-10-69
DRWG. NO. S-1
SHEET NO. 6 OF 16



COLUMN SCHEDULE

MARK	B-3 & B-6	C-3 & C-6
ROOF 12'-0⅝"	P=33K, WF 24	P=24K, WF 24
2ND FL 11'-4½"	P=50K, 8 WF 31	P=38K, 8 WF 31
1ST FL 10'-0"	P=50K, 8 WF 31	P=38K, 8 WF 31
BSMT	P tot = 133K, 14"×14"×1	P tot = 100K, 14"×14"×1
BASE PLATE	28.75	28.75
ELEV. BOTTOM B/P		

NOTE: ALL COLUMNS SUPPORTED ON GRADE BEAMS

SLAB SCHEDULE

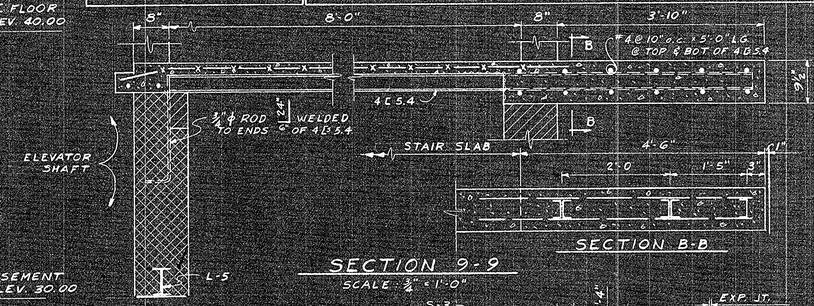
MARK	DEPTH	REINFORCING STEEL	TEMP. STEEL
S-1*	9"	#7@20" o.c. BNT. } 10" (MAX) BET BARS #6@20" o.c. STR. }	#4@12" o.c.
S-2	6"	#4@10" o.c. ALTERNATE BARS BENT	#3@12" o.c.
S-3	6"	#4@10" o.c. ALTERNATE BARS BENT	#3@12" o.c.
S-4	8"	#6@8" o.c. ALTERNATE BARS BENT	#4@12" o.c.
S-5	4"	#4@12" o.c. ALTERNATE BARS BENT CONC. COVERAGE FOR ALL STEEL TO BE ¾"	#3@12" o.c.
S-6*	6"	#4@10" o.c. ALTERNATE BARS BENT	#3@12" o.c.
STAIR SLAB	8"	#6@6" o.c. SEE STAIR SECTION	#4@10" o.c.

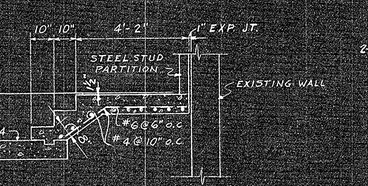
*NOTE: TOPS OF SLABS S-1 & S-6 TO BE 3½" BELOW FLOOR LEVEL. AFTER UNDERFLOOR DUCT IS INSTALLED PLACE 3½" CONCRETE TOPPING WITH 6×6 — 10/10 W.W.F. OVER SLABS

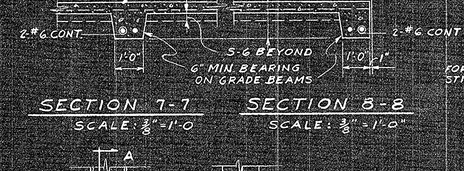
GRADE BEAM SCHEDULE

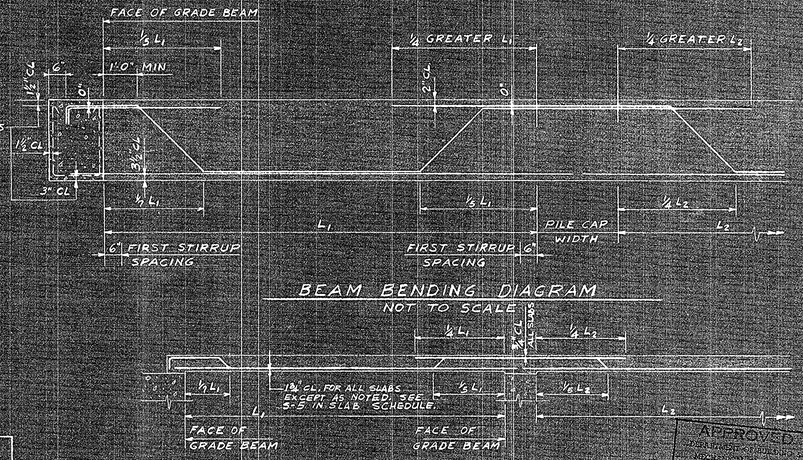
MARK	SIZE B	SIZE D	REINFORCING STEEL BOTTOM BARS	REINFORCING STEEL TOP BARS & NOTES	STIRRUPS NO.	STIRRUPS SIZE	STIRRUPS TYPE	STIRRUPS SPACING
GB-1	24	36	8-#7 STR	4-#8 STR × 26'-0 LG	16	#4	[	4@10", 2@12", 2@16" EA END
GB-2	24	36	4-#7 STR 4-#8 BNT. 2-#9 BNT.	2-#6 FULL LENGTH OF BEAM	20	#4		6@8", 2@12", 2@16", EA END
GB-3	24	36	8-#7 STR	4-#8 STR × 25'-0" LG	16	#4		4@12", 4@16" EA END
GB-4	24	36	4-#7 STR 4-#8 BNT. 2-#9 BNT.	3-#7 STR × 13'-0 LG. @ D.E. EXTEND 2 STR BOTTOM BARS & ALL BENT BARS THRU CANTILEVER.	20	#4		4@8", 2@12", 4@16" EA END
GB-5	16	36	5-#7 STR	3-#8 STR × 26'-0" LG	12	#4		6@16" EA END
GB-6	16	36	3-#7 STR 2-#9 BNT.	2-#6 FULL LENGTH OF BEAM	16	#4		4@12", 4@16" EA END
GB-7	16	36	4-#7 STR	2-#8 STR × 20'-0" LG	8	#4		4@16", EA END
GB-8	16	36	2-#7 STR 2-#9 BNT.	2-#6 FULL LENGTH OF BEAM	12	#4		6@16", EA END
GB-9	12	36	2-#8 STR × 17'-0 LG	2-#9 × 17'-0" LG (PLACE IN 1'-7" LIFTS) TWO LAYERS 2-#9 × 16'-0" LG SEE DETAIL OF GB-9	B 4 6 4	#4 #4		3@8" CANT END 6@16" OPP. END
GB-10	12	36	2-#8 STR	2-#8 STR	6	#4		3@16" EA END
GB-11	12	36	3-#9 STR	2-#9 STR	16	#4		2@10", 4@12", 2@16" EA END
GB-12	12	36	2-#8 STR	2-#8 STR	4	#4		2@16" EA END
GB-13	12	36	3-#9 STR × 17'-0 LG	3-#9 × 17'-0" LG (1'-7" LIFTS) SEE DETAIL OF GB-9	4	#4	[	4@16" CANT END 6@16" OPP END

*NOTE: GRADE BEAMS GB-9, GB-10, GB-11, & GB-12 ARE TO HAVE A HAUNCH ON ONE SIDE TO PROVIDE SEAT FOR SLAB.





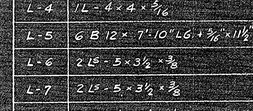




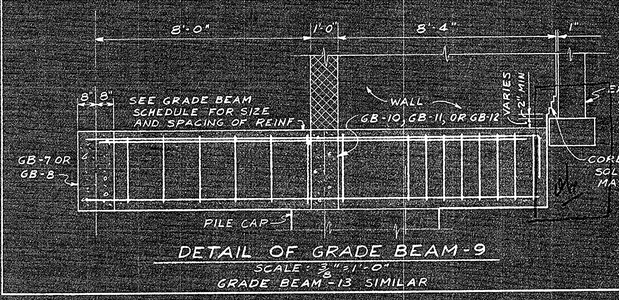
LINTEL SCHEDULE

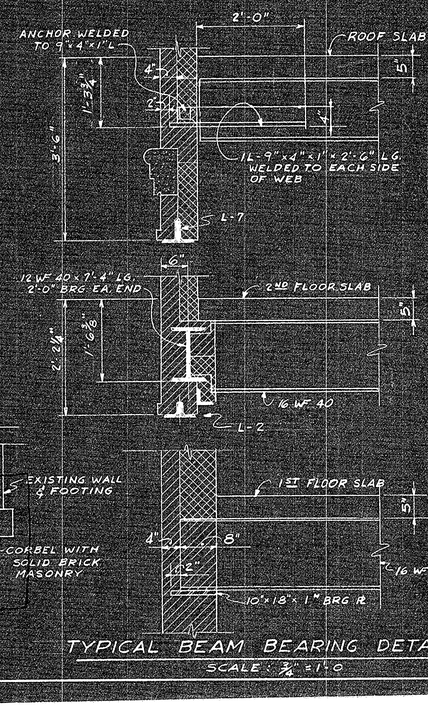
MARK	SIZE	TYPE	REMARKS
L-1	2 L⁵ - 3½ × 3½ × ¼	⊥	6" BEARING EACH END
L-2	3 L⁵ - 3½ × 3½ × ¼	⊥⊥	6" BEARING EACH END
L-3	1 L - 6 × 6 × ⅜ + ⅜/16 × 8" PL	4.5" ⊥	6" BEARING EACH END LINTEL OVER LOUVER IN ELEV SHAFT
L-4	1 L - 4 × 4 × 5/16	L	8" BEARING EACH END MASONRY OPENING = 6'-6"
L-5	6 B 12 × 7'-10" LG. + ⅜/16 × 11½" PL	I	6" BEARING EACH END MASONRY OPENING = 6'-6"
L-6	2 L⁵ - 5 × 3½ × ⅜	5" ⊥	8" BEARING EACH END
L-7	2 L⁵ - 5 - 3½ × 3½ × ⅜	5" ⊥	6" BEARING EACH END LINTEL OVER DUCT
L-8	3 L⁵ - 3½ × 3½ × ¼	⊥⊥	

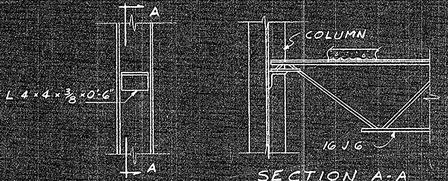
PRECAST LINTELS IN NON-BEARING PARTITIONS



NOTE:
PROVIDE PRECAST LINTELS OR 1L 3½×3½×¼ FOR EACH 4" WIDTH OF MASONRY OVER DUCT OPENINGS AND ALL OTHER MISCELLANEOUS OPENINGS AS REQUIRED. THIS APPLIES TO OPENINGS IN NEW CONSTRUCTION AND EXISTING CONSTRUCTION.







STRUCTURAL NOTES

SOIL:
SOIL BEARING IS NOT SUITABLE FOR SPREAD FOOTINGS. BORING DATA MAY BE OBTAINED AT THE ARCHITECTS OFFICE.

LIVE LOADS:
ROOF = 30 P.S.F.
STAIRS = 100 P.S.F.
ALL AREAS ON SECOND FLOOR, FIRST FLOOR, & BASEMENT = 100 P.S.F. PLUS 15 P.S.F. FOR PARTITION ALLOWANCE.

CONCRETE: f'c @ 28 DAYS
f'c = 3750 P.S.I. CONCRETE FOR ALL POURED IN PLACE PILES. (17.8 kg/cm²)
f'c = 3000 P.S.I. ALL OTHER CONCRETE (14.0 kg/cm²)

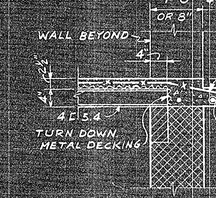
REINFORCING STEEL:
COLUMN TIES AND BEAM STIRRUPS = ASTM 615-68 GRADE 40
ALL OTHER REINFORCING STEEL = ASTM 615-68 GRADE 60

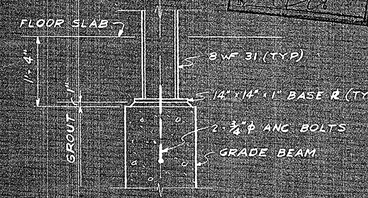
STRUCTURAL STEEL:
ALL STRUCTURAL STEEL SHALL BE ASTM A-36, f_s = 24,000 P.S.I., AND SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS.

STEEL JOISTS:
ALL STEEL JOISTS SHALL BE J-SERIES, f_s = 22,000 P.S.I. CHORD MEMBERS SHALL BE FABRICATED FROM HOT ROLLED SECTIONS. BRIDGING SHALL BE INSTALLED AND SHALL BE OF SIZE, TYPE, AND SPACING AS RECOMMENDED BY THE STEEL JOIST INSTITUTE.

CONCRETE SLAB OVER BAR JOISTS:
UNLESS OTHERWISE NOTED, TO BE 2½" THICK REINFORCED WITH 6×6 — 10/10 W.W.F. AND PLACED ON STD. WEIGHT CORRUGATED METAL CENTERING WITH RIB DEPTH OF 9/16".

Provide 8 course min. by 16" solid masonry wall at all wall bearing beams unless otherwise noted.





APPROVED
Alexandria Health Department
Date 10-28-69
Acceptance subject to comments noted in letter dated
By

COMMONWEALTH OF VIRGINIA — GODFREY J. HORACEK — CERTIFICATE No. 8163 — REGISTERED PROFESSIONAL ENGINEER

COMMONWEALTH OF VIRGINIA — JOSEPH H. SAUNDERS — CERTIFICATE No. 299 — CERTIFIED ARCHITECT

COMMONWEALTH OF VIRGINIA — CHAS. A. PEARSON, JR. — CERTIFICATE No. 422 — CERTIFIED ARCHITECT

ADDITION & ALTERATION TO
ALEXANDRIA HEALTH DEPT
ALEXANDRIA, VIRGINIA

SCHEDULES & DETAILS

SAUNDERS & PEARSON
ARCHITECTS
3636 KING STREET - ALEXANDRIA, VIRGINIA

COMM. NO. 6812
DATE 11-10-69
DRWG. NO. S-2
SHEET NO. 7 OF 16