NO	DATE	REVISION/ACTION	BY
1	8-19-86	LIGHT TO EX. PACIFIC PCE APPROVAL	KBE
2	10-3-86	ISSUE FOR ERECTION	KRK
3	10-24-86	REL. FOR ERECTION	KRK
4	11-14-86	RESUBMIT TO CC./MAGH FOR APPROVAL	KRK

CONCRETE BUILDING SYSTEMS
P.O. BOX 40 CALABASAS, CAL.
(818) 302-884-3645

CERTIFIED PCI PLANT

CONCRETE SYSTEMS
ARCHITECT
ETKL

DRAWING TITLE: SOUTHEAST STAIR #1

DRAWN BY: TKH
CHECKED BY: TKH
APPROVED BY:
PROJECT NO. 1600.9
DWG NO. E-2.1

PROJECT: PEARL STREET GARAGE
BALTIMORE MARYLAND

ARCHITECT: J. VINTON SHAFFER + SONS

ENGINEER: THE CONSULTING ENGINEERS GROUP INC
1701 E. LAKE AVENUE - GLENVIEW, ILLINOIS 60025 - 312-729-0646 TWX 910-651-0005
GLENVIEW, ILL. SAN ANTONIO, TEX. SAN MATEO, CA.

ATKL Associates Inc.
Approval of shop drawings by Contractor is responsible for dimensions, quantities and fabrication processes and techniques of construction, and coordination of his work with that of all other trades and for performing all work safely. Review of shop drawings by Design Owner does not relieve Contractor of responsibility for any deviations from Contract Documents unless Contractor has informed Design Owner in writing of such deviation at time of submission and Design Owner has given written approval to the specific deviation. Design Owner shall not be responsible for any deviations from Contract Documents not brought to the attention of Design Owner in writing by Contractor. Design Owner shall not be responsible for errors or omissions in the shop drawings.
Approved as noted — Resubmit for correction
Date: 11.5.87
By: [illegible]
Engineering

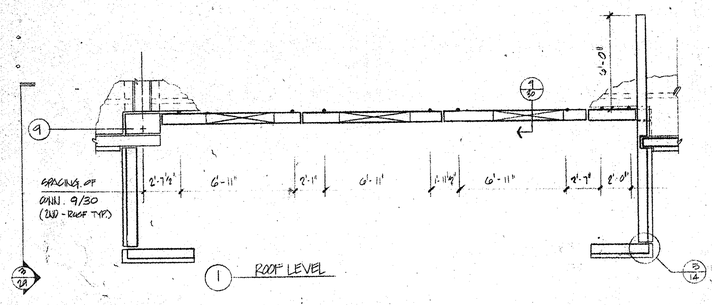
APPROVED (✓)
APPROVED AS CORRECTED ( )
REVISE AND RESUBMIT ( )
NOT APPROVED ( )
CHECKING IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. CONSTRUCTION IS NOT CORRELATED AT BUILDING SITE. CONTRACTOR IS RESPONSIBLE FOR THE SOLUTION, FOR INFORMATION THAT RELATES TO CONSTRUCTION PROCESS, TECHNIQUES OF CONSTRUCTION, AND FOR COORDINATION OF THE WORK OF ALL TRADES.
Under the direction of FACILITIES MANAGEMENT
DATE [illegible] BY [illegible]

DOOR SCHEDULE

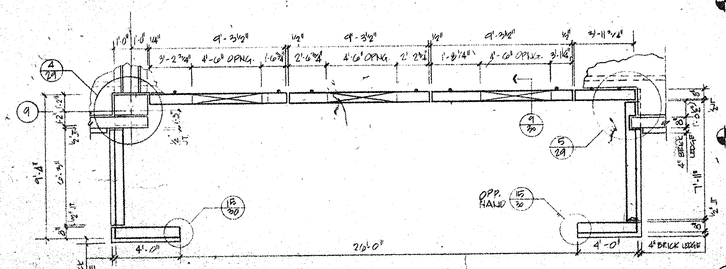
MARK	SIZE	TYPE	MATERIAL	FRAME	HARDWARE	REMARKS
101	3'-0" x 7'-0" x 1 3/4"	1	HM	1	1	
102	3'-0" x 7'-0" x 1 3/4"	1	HM	1	1	
103	3'-0" x 7'-0" x 1 3/4"	1	HM	1	1	

NOTES

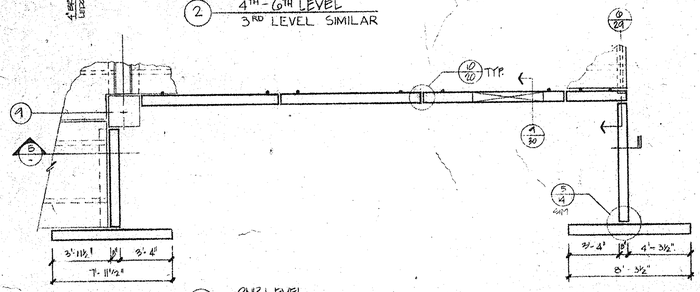
1. ROOF DT AT THE ELEVATOR LOBBY IS NOT DESIGNED TO SUPPORT THE WEIGHT OF BRICK VENEER/ STUD WALL OR GLASS WALL IN THE EAST AND NORTH FACE OF THE LOBBY AREA. IT IS ASSUMED THAT THE BRICK VENEER IS PROPERLY SUPPORTED BY THE PRECAST WALL ON THE EAST FACE AND THE NORTH WALL IS SUPPORTED BY THE C.I.P. MACHINE ROOM FLOOR.



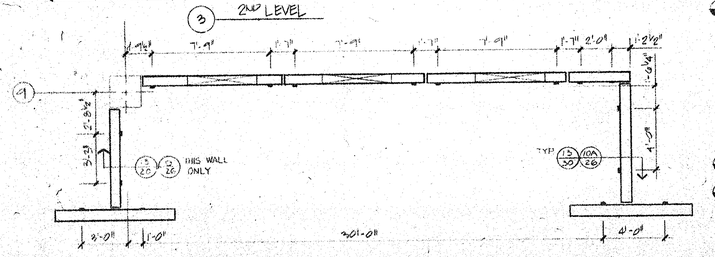
1 ROOF LEVEL



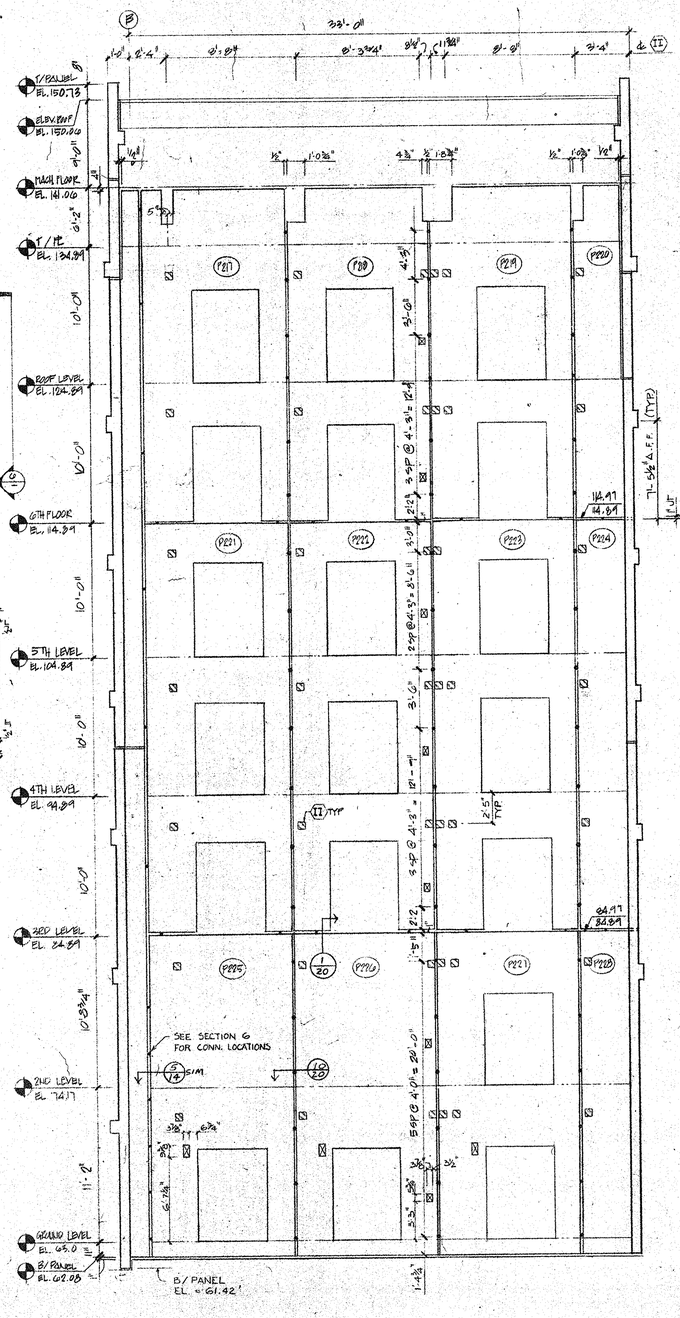
2 4TH - 6TH LEVEL
3RD LEVEL SIMILAR

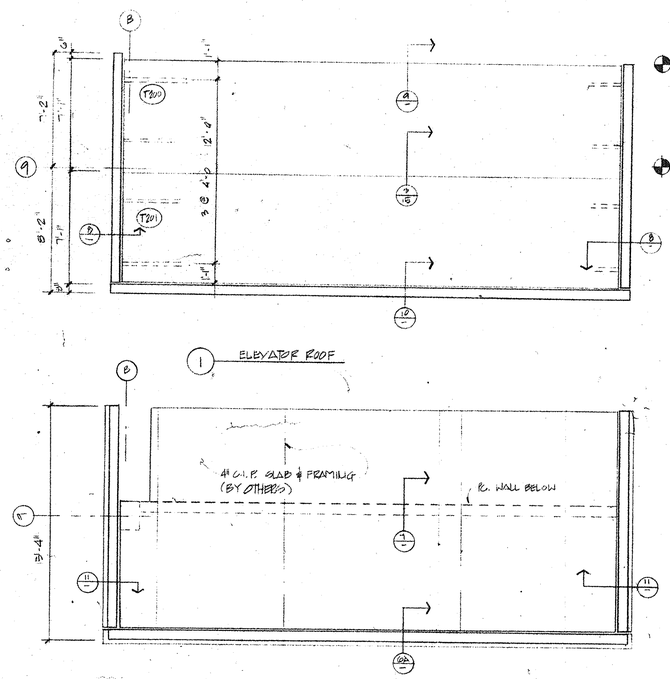


3 2ND LEVEL

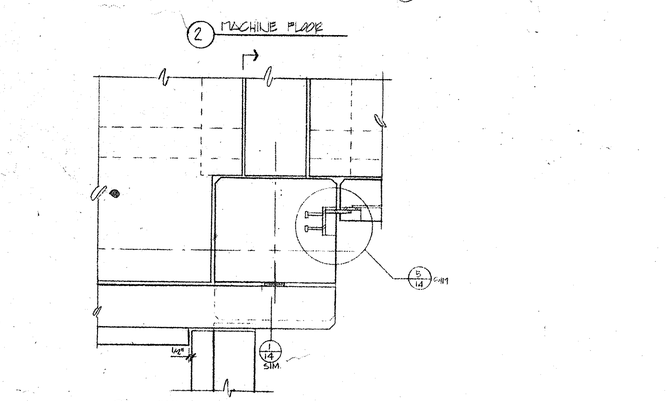


4 GROUND LEVEL


B
33'-0"
1'-0"
8'-2"
9'-8"
8'-3¾"
4'-1"
8'-0"
3'-4"
T/PANEL EL. 150.75
ELEV. EMT EL. 150.00
MACH. FLOOR EL. 141.00
T/ PT EL. 134.89
ROOF LEVEL EL. 124.89
6TH FLOOR EL. 114.89
5TH LEVEL EL. 104.89
4TH LEVEL EL. 94.89
3RD LEVEL EL. 84.89
2ND LEVEL EL. 74.89
GROUND LEVEL EL. 65.0
B/ PANEL EL. 62.08
B/ PANEL EL. 61.42'
P227
P228
P229
P2210
P221
P222
P223
P224
P225
P226
P227
P228
1/2" 1'-0⅜" 4⅜" ½" 1'-0⅜" ½" 1'-0⅜" ½"
5'-0"
4'-5"
5'-0"
12'-4"
3'-0"
2'-2"
3'-0"
3'-0"
3'-0

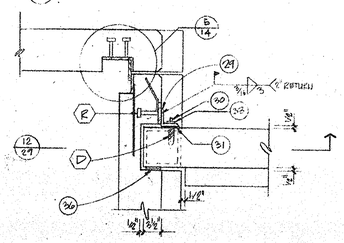


1 ELEVATOR ROOF

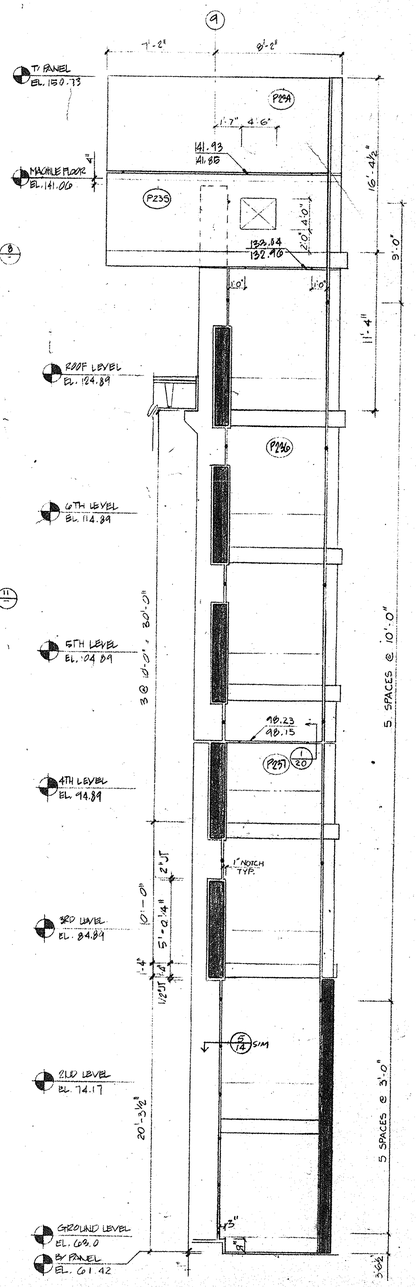


2 MACHINE FLOOR

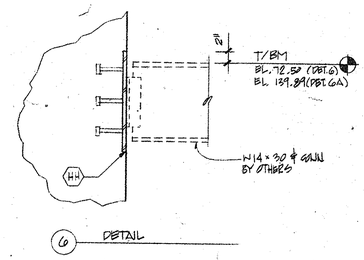
4 DETAIL



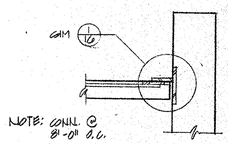
5 DETAIL



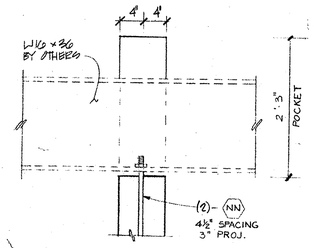
3 SECTION



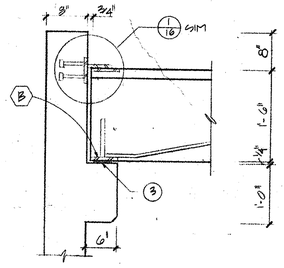
6 DETAIL



10 DETAIL



7 DETAIL

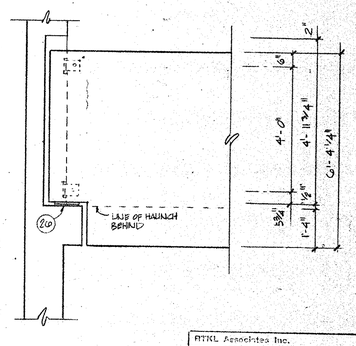


APPROVED (✓)
APPROVED AS CORRECTED ( )
REVISE AND RESUBMIT ( )
NOT APPROVED ( )

CHECKING IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE JOB SITE. FOR INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION PROCESSES OR TO TECHNIQUE OF CONSTRUCTION AND FOR COORDINATION OF THE WORK OF ALL TRADES.

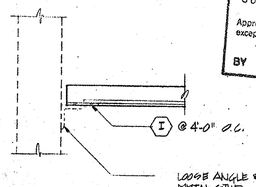
UNIVERSITY OF MARYLAND AT BALTIMORE
OFFICE OF FACILITIES MANAGEMENT

DATE 5/27/87 BY



11 DETAIL

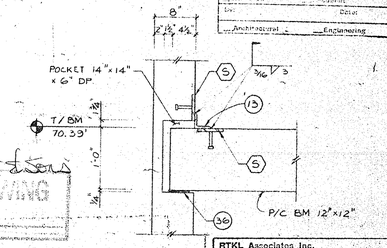
8 DETAIL



DATE 11-17-86
SUB 052 SPEC 03400
Approved for compliance except as noted.
J. VINTON SCHAFER & SONS, INC.
BY

J. Vinton Schafer & Sons
RECORD DRAWING
DATE: 5/5/88

12 DETAIL



9 DETAIL

13 DETAIL

RTKL Associates Inc.
Approval is for design only. Contractor is responsible for dimensions, quantities and coordination with other trades. Approval does not authorize changes to contract requirements unless acknowledged by a Change Order.
Approved / Disapproved
Approved as noted / Resubmit for correction
Reviewed / Resubmit
By: Date: 1.2.87
Architectural / Engineering

NO.	DATE	REVISION/ACTION	BY
3	11-14-86	RESUBMIT TO GSC/ARCH FOR APPROVAL	KRK
2	10-24-86	REL. FOR ERECTION	KRK
1	8-19-86	DRAFT TO ARCH FOR APPROVAL	KEK

PCI CERTIFIED PLANT

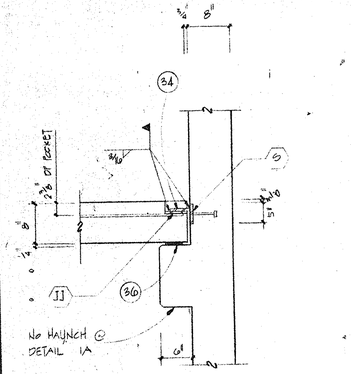
CONCRETE BUILDING SYSTEMS
ROUTE 40 & MARYLAND AVE. HAGERSTOWN, MD. 21740 301-733-8400

PROJECT: PEARL STREET GARAGE
BALTIMORE, MARYLAND
GENERAL CONTRACTOR: LINTON CONSTRUCTION
ARCHITECT: RTKL
DRAWING TITLE: ELEVATOR

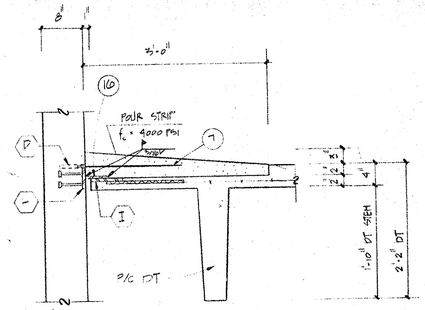
DRAWN: 8-21-86 BY TRW
CHECKED: 8-26-86 BY KEK
APPROVED: BY
PROJECT NO. 6003
DWG. NO. E-29

CEG THE CONSULTING ENGINEERS GROUP, INC.
1701 E. Lake Avenue · Glenview, Illinois 60025 · 312 729-0646 TWX 910-651-0005
GLENVIEW, IL SAN ANTONIO, TX NAPA, CA

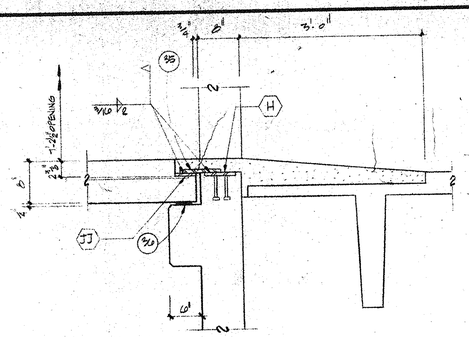
10/14/86



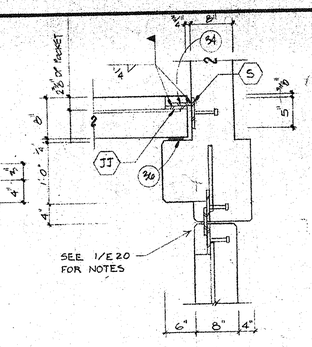
DETAIL (1)
1" = 1'-0"



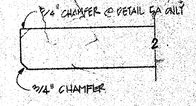
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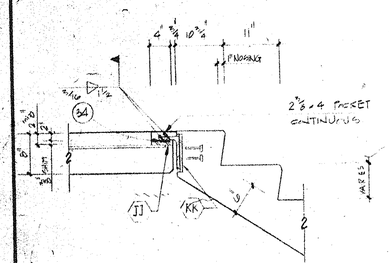
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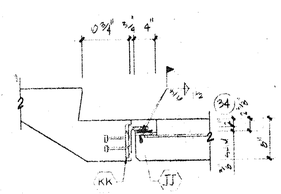
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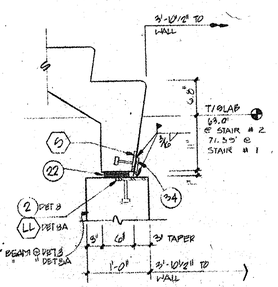
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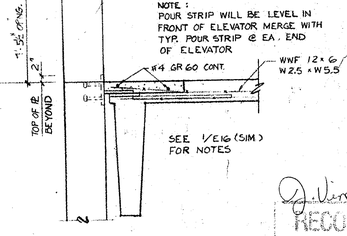
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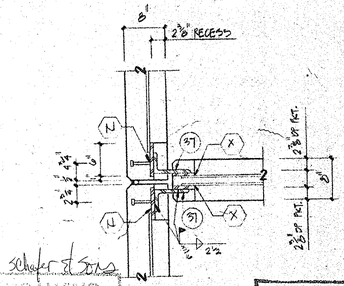
DETAIL (7)
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DETAIL (8)
1" = 1'-0"



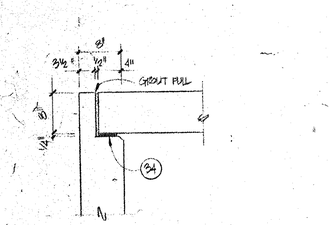
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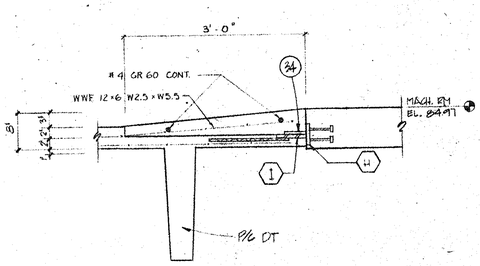
DETAIL (10)
1" = 1'-0"

J. Vinton Schafer & Sons
RECORD DRAWING
DATE: 5/2/88

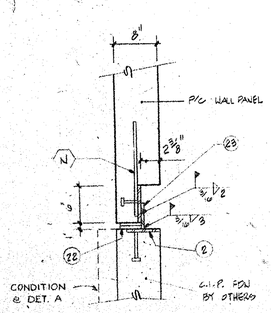
DATE 11-17-86
SUB SS2 SPEC 03400
Approved for compliance except as noted
J. VINTON SCHAFER & SONS, INC.
BY



DETAIL (11)
1" = 1'-0"



DETAIL (12)
1" = 1'-0"

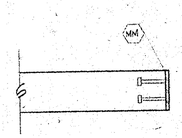


DETAIL (13)
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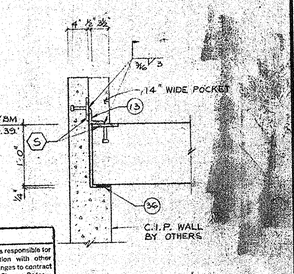
APPROVED ( )
APPROVED AS CORRECTED ( )
REVISE AND RESUBMIT ( )
NOT APPROVED ( )

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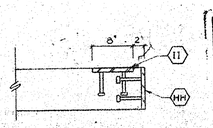
UNIVERSITY OF MARYLAND AT BALTIMORE T/SM 70.39
OFFICE OF FACILITIES MANAGE...
DATE 5/27/87 BY DBH



DETAIL (14)
1" = 1'-0"



DETAIL (16)
1" = 1'-0"



DETAIL (15)
1" = 1'-0"

RTKL Associates Inc.
Approval is for design only. Contractor is responsible for dimensions, quantities and coordination with other trades. Approval does not authorize changes to contract requirements unless accompanied by a Change Order.
✓ Approved ___ Disapproved
___ Approved as noted ___ Returned for correction
___ Reviewed ___ Resubmit
By U.A.T. Date: 1.27.87
___ Architectural ✓ Engineering

DETAIL (11)
1" = 1'-0"

DETAIL (12)
1" = 1'-0"

DETAIL (13)
1" = 1'-0"

NO.	DATE	REVISION/ACTION	BY
1	5/11/86	SUBMIT FOR APPROVAL	KRK
2	9/15/86	ISSUE FOR ERECTION	KRK
3	10/24/86	REVISIONS	KRK
4	10/24/86	RESUBMIT TO ARCHEL FOR APPROVAL	KRK
5	11/14/86	REVISIONS	KRK

CONCRETE DETAILING SYSTEMS
PO BOX 1
FRANCONIA, VIRGINIA 22310
703-644-3646

PCI CERTIFIED PLANT

PROJECT: PARK STREET GARAGE
BALTIMORE MARYLAND
GENERAL CONTRACTOR: J. VINTON SCHAFER & SONS
DRAWING TITLE: PRECAST CONCRETE PARKING STRUCTURE
SHEET: ELEVATION DETAILS

DRAWN: 7-15-86 BY JCH
CHECKED: 7-24-86 BY KRK
APPROVED: BY
PROJECT NO. 6009
DWG NO. E-30

1018459

THE CONSULTING ENGINEERS GROUP, INC.
1701 E. Lake Avenue · Glenview, Illinois 60025 · 312 729-0646 TWX 910-651-0005
GLENVIEW, IL SAN ANTONIO, TX NAPA, CA

69C101

COLUMN SCHEDULE

COLUMN / LOCATION	A-2	A-3	A-4	A-5	A-6	A-7	A-8	A-9	B-1	B-2	B-3	B-7	B-8	B-9	C-1	C-2	C-3	C-7	C-8	C-9	D-1	D-2	D-3	D-7	D-8	D-9
ROOF LEVEL 6	24X28 PRECAST CONCRETE COLUMN	24X28 PRECAST CONCRETE COLUMN	24X28 PRECAST CONCRETE COLUMN	24X28 PRECAST CONCRETE COLUMN	24X28 PRECAST CONCRETE COLUMN	24X28 PRECAST CONCRETE COLUMN	24X28 PRECAST CONCRETE COLUMN	28X28 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24" PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN	28X24 PRECAST CONCRETE COLUMN
LEVEL 5																										
LEVEL 4																										
LEVEL 3																										
LEVEL 2																										
GROUND LEVEL	258	469	499	530	499	469	258	251	491	766	507	507	817	445	663	789	486	486	789	581	538	710	474	474	755	551
TOP OF PIER +62.00' U.N.O.																										
CONCRETE PIER	28X36 6*8(V)	28X34 6*8(V)	28X34 6*8(V)	28X34 6*8(V)	28X34 6*8(V)	1'-0" 28X30 6*8(V)	2'-4" 28X39 6*8(V)	2'-4" 34X38 6*9(V)	34X28 6*8(V)	32X28 6*8(V)	32X28 6*8(V)	32X28 6*8(V)	32X28 6*8(V)	32X28 6*8(V)	34X28 6*8(V)	32X28 6*8(V)	32X28 6*8(V)				34X28 6*8(V)	32X28 6*8(V)	32X28 6*8(V)	32X28 6*8(V)	32X28 6*8(V)	32X28 6*8(V)

COLUMN SCHEDULE NOTES:
1. FOR PRECAST COLUMNS ABOVE GROUND LEVEL SEE PRECAST CONTRACTOR'S DRAWINGS (CONCRETE BASED SYSTEMS).
2. LOADS SHOWN ABOVE GROUND LEVEL INDICATE THE CUMULATIVE LOADS FROM THE FLOOR ABOVE. ALL LOADS ARE IN KIPS (1000 LBS.).
3. FIRST DIMENSION OF COLUMN SHOWN IN COLUMN SCHEDULE IS THE NORTH-SOUTH DIMENSION OF COLUMN.
4. ALL SIZES SHOWN IN THE COLUMN SCHEDULE ARE IN INCHES.

FOOTING SCHEDULE

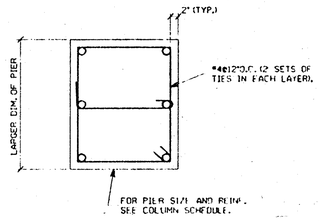
MARK	SIZE	DEPTH	REINFORCING	REMARKS
F60	5'-0"x5'-0"	2'-0"	8*6	
F70	7'-0"x7'-0"	2'-0"	7*7	
F80	8'-0"x8'-0"	2'-4"	8*7	
F84	8'-4"x8'-4"	2'-4"	7*8	
F88	8'-8"x8'-8"	2'-6"	8*8	
F98	9'-0"x9'-0"	2'-6"	7*9	
F94	9'-4"x9'-4"	2'-8"	7*9	
F108	10'-0"x10'-0"	2'-8"	9*9	
F186	18'-6"x10'-6"	3'-0"	18*9	
F98A	9'-0"x9'-0"	3'-0"	7*9	
F186/70	18'-6"x7'-0"	3'-0"	7*9 L.W. 18*7 S.W.	
F30	3'-0"x3'-0"	1'-8"	4*6	
F94A	9'-4"x9'-4"	3'-0"	7*9	
F116/80	11'-6"x8'-0"	3'-0"	10*9 L.W. 11*9 S.W.	

NOTE: ALL REINFORCING SHOWN IS BOTTOM MAT REINFORCING EACH WAY UNLESS NOTED OTHERWISE.

LOADING SCHEDULE

LOCATION / LOADING	GROUND LEVEL	LEVELS 2-6	ROOF	STAIR SLAB	STAIR ROOF	FUTURE TENANT SPACE
SLAB ON GRADE						
DOUBLE TEES		78	78			78
CONC. TOPPING						25
MECH./ELEC.						
SLAB				140	60	
LIVE LOAD	50	50	65	100	20	100
TOTAL LOAD		128	143	240	80	203

NOTES: (LOADING SCHEDULE)
1. ALL LOADS SHOWN ARE IN POUNDS PER SQUARE FOOT.
2. LIVE LOADS & WIND LOADS ARE PER BOCA CODE 1984. SEISMIC LOADS ARE NOT CONSIDERED IN DESIGN OF STRUCTURE.



TYPICAL CONCRETE PIER TIE DETAIL

J. Vinton Schafer & Sons
RECORD DRAWING
DATE: 5/2/88

108'-6"

NO.	DATE	ITEM	NO.	DATE	ITEM
1	12.17.87	ADDENDUM.			

REVISIONS

SEAL

DRAWN | CHECKED

APPROVED

J. VINTON SCHAFER & SONS, INC.
GENERAL CONTRACTORS
11150 Pulaski Highway · White Marsh, MD 21162

RTKL

TITLE: SCHEDULES

CONTR. NO. 8527B.00
SCALE AS NOTED
DATE 7-25-86
LAST REV. 12-17-86

68
01

ABBREVIATIONS

A	A	COMPRESSED AIR
	AD	AREA DRAIN
	A/D	ACCESS DOOR
	AFF	ABOVE FINISHED FLOOR
	AN	PIPE ANCHOR
	ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
	ANV	ANGLE VALVE
	AQ	AQUASTAT
	ARCH	ARCHITECT
	ATM	ATMOSPHERE
	AV	ACID VENT
	AVTR	ACID VENT THRU ROOF
	AW	ACID WASTE
	AWG	AMERICAN WIRE GAGE
B	BC	BALANCING COCK
	BFP	BACKFLOW PREVENTER
	BFV	BUTTERFLY VALVE
	BHP	BRAKE HORSEPOWER
	BTU	BRITISH THERMAL UNIT
	BTUH	BRITISH THERMAL UNITS PER HOUR
	BV	BALL VALVE
C	°C	DEGREE CELSIUS
	CCR	CONCENTRIC REDUCER
	C TO C	CENTER TO CENTER
	CFH	CUBIC FEET PER HOUR
	CFM	CUBIC FEET PER MINUTE
	CFS	CUBIC FEET PER SECOND
	CO	CLEANOUT
	CP	CAP ON END OF PIPE
	CRIT	CRITICAL
	CU FT	CUBIC FEET
	CU IN	CUBIC INCH
	CV	CHECK VALVE
	CW	COLD WATER
	CX	CONNECT TO EXISTING
D	D	DRAIN
	DBA	DECIBEL TO "A" REFERENCE
	DE	DEIONIZED WATER
	DEG	DEGREE
	DF	DIESEL FUEL
	DIA	DIAMETER
	DN	DOWN
	DW	DISTILLED WATER
	DWR	CHILLED DRINKING WATER RETURN
	DWS	CHILLED DRINKING WATER SUPPLY
E	EC	EXPANSION COMPENSATOR
	EFF	EFFICIENCY
	EJ	EXPANSION JOINT
	EL	ELEVATION
	ER	ECCENTRIC REDUCER
	EXP	EXPANSION
F	°F	DEGREE FAHRENHEIT
	F	FIRE PROTECTION WATER SUPPLY
	FC	FLEXIBLE CONNECTOR
	FCO	FLOOR CLEANOUT
	FD	FLOOR DRAIN
	FDC	FIRE DEPARTMENT CONNECTION
	FF ELEV	FINISHED FLOOR ELEVATION
	F TO F	FACE TO FACE
	FH	FIRE HYDRANT
	FHC	FIRE HOSE CONNECTION
	FHR	FIRE HOSE RACK
	FLEX CONN	FLEXIBLE CONNECTION
	FOB	FLAT ON BOTTOM
	FOT	FLAT ON TOP
	FPM	FEET PER MINUTE
	FPS	FEET PER SECOND
	FS	FLOW SWITCH
	FSD	AUTOMATIC FIRE SPRINKLER SYSTEM DRAIN
	F&T	FLOAT AND THERMOSTATIC
	FVC	FIRE VALVE CONNECTION
	FEC	FIRE EXTINGUISHER CABINET
G	G	GAS - LOW PRESSURE (NATURAL)
	GAL	GALLONS
	GC	GAS COCK
	GH	GROUND HYDRANT
	GLV	GLOBE VALVE
	GPD	GALLONS PER DAY
	GPH	GALLONS PER HOUR
	GPM	GALLONS PER MINUTE
	GPR	GAS PRESSURE REGULATOR
	GV	GATE VALVE
H	HB	HOSE BIBB
	HD	HEAD
	HPG	GAS - HIGH PRESSURE
	HGT	HEIGHT
	HOR	HORIZONTAL
	HP	HORSEPOWER
	HTB	HEIGHT TO BOTTOM
	HTR	HEATER
	HVAC	HEATING, VENTILATING AND AIR CONDITIONING
	HW	HOT WATER (140 °F)(60 °C)
	HWR	HOT WATER RECIRCULATING (140 °F)(60 °C)
I	ID	INSIDE DIAMETER
	INV	INVERT ELEVATION
	IPS	INTERNATIONAL PIPE STD
	ISP	INTERNAL STATIC PRESSURE
	IW	INDIRECT WASTE
K	KV	KITCHEN VENT
	KVTR	KITCHEN VENT THRU ROOF
	KW	KILOWATT OR KITCHEN WASTE
L	LA	LABORATORY COMPRESSED AIR
	LBS	POUNDS
	LG	LENGTH
	LIN FT	LINEAR FEET
	LIQ	LIQUID
	LN	LIQUID NITROGEN
	LPG	LIQUIFIED PETROLEUM GAS
	LOX	LIQUID OXYGEN
	LS	LAWN SPRINKLER SUPPLY
	LV	LABORATORY VACUUM
M	MA	MEDICAL COMPRESSED AIR
	MAV	MANUAL AIR VENT
	MBH	THOUSAND BTU'S PER HOUR
	MG	GAS - MEDIUM PRESSURE
	MTD	MOUNTED
	MTG HGT	MOUNTING HEIGHT
	MV	MEDICAL VACUUM
N	N	NITROGEN
	NA	NOT APPLCABLE
	NC	NOISE CRITERA
	N.C.	NORMALLY CLOSED
	NEC	NATIONAL ELECTRIC CODE
	NF	NON-FREEZE
	NIC	NOT IN CONTRACT
	N.O.	NORMALLY OPEN
	No	NUMBER
	NOX	NITROUS OXIDE
	NS	NO SCALE
	NTS	NOT TO SCALE
O	OC	ON CENTER
	OD	OUTSIDE DIAMETER
	OS&Y	OUTSIDE STEM AND YOKE
	OX	OXYGEN
P	PD	PUMP DISCHARGE
	PG	PIPE GUIDE
	PGA	PRESSURE GAUGE
	PH	PHASE
	PLBG	PLUMBING
	PNT	PNEUMATIC TUBE
	PR	PRESSURE REGULATOR
	PRESS	PRESSURE
	PRESS DIFF	PRESSURE DIFFERENTIAL
	PRV	PRESSURE REDUCING VALVE
	PSH	PENDANT FIRE SPRINKLER HEAD
	PS	PRESSURE SWITCH
	PSI	POUNDS PER SQUARE INCH
	PT	PLUGGED TEE
	PTR	PRESSURE-TEMPERATURE RELIEF VALVE
Q	QT	QUART
	QTY	QUANTITY
R	RAD	RADIUS
	RCV	RISER CONTROL VALVE
	RCVR	RECEIVER
	RD	ROOF DRAIN
	RES	RESISTANCE
	REV	REVOLUTIONS
	RL	RAIN LEADER
	RP	RESIDUAL PRESSURE
	RPM	REVOLUTIONS PER MINUTE
	RPS	REVOLUTIONS PER SECOND
	RV	PRESSURE RELIEF VALVE
S	S	SOIL OR WASTE PIPE
	SAN	SANITARY PIPE
	SCW	SOFT COLD WATER
	SD	STORM DRAIN
	SEC	SECOND
	SF	SQUARE FEET
	SPEC	SPECIFICATION
	SQ	SQUARE
	SS	SOIL STACK
	SSD	SUB-SOIL DRAIN
	SSH	SIDEWALL FIRE SPRINKLER HEADS
	STD	STANDARD
	STR	STRAINER
	SUCT	SUCTION
	SW	STORM WATER
	SYM	SYMBOL
	SYS	SYSTEM
T	TD	TEMPERATURE DIFFERENCE
	TDH	TOTAL DYNAMIC HEAD
	TEMP	TEMPERATURE
	TEMP. R	TEMPERED WATER RETURN (°F)(°C)
	TEMP. S	TEMPERED WATER SUPPLY (°F)(°C)
	TOT	TOTAL
	TPL	TRAP PRIMING LINE
	TS	TAMPER SWITCH
	TYP	TYPICAL
U	UD	UNDER DRAIN
	UN	UNION
	USH	UPRIGHT FIRE SPRINKLER HEADS
V	V	VENT
	VT	VOLT
	VAC	VACUUM
	VAP PR	VAPOR PRESSURE
	VAP PRF	VAPOR PROOF
	VB	VACUUM BREAKER
	VC	VACUUM CLEANING
	VEL	VELOCITY
	VERT	VERTICAL
	VOL	VOLUME
	VP	VELOCITY PRESSURE
	VTR	VENT THRU ROOF
W	W	WATT
	WCO	WALL CLEANOUT
	WD	WIDE, WIDTH
	WH	WALL HYDRANT
	WHA	WATER HAMMER ARRESTER
	WT	WEIGHT
	WTR	WATER
Y	YB	YARD BOX
	YCO	YARD CLEANOUT
	YD	YARD
	YH	YARD HYDRANT
Z	Z	ZONE

NOTE: ALL ABBREVIATIONS AND SYMBOLS MAY NOT BE USED.

FIRE PROTECTION PIPING

- S — AUTOMATIC FIRE SPRINKLER LINE
- D — DRAIN LINE
- F — FIRE PROTECTION WATER SUPPLY

FUEL PIPING

- FOF — FUEL OIL FILL
- FOG — FUEL OIL GAUGE
- FOR — FUEL OIL RETURN
- FOS — FUEL OIL SUPPLY
- FOV — FUEL OIL VENT
- HPG — GAS - HIGH PRESSURE
- G — GAS - LOW PRESSURE
- MPG — GAS - MEDIUM PRESSURE
- LPG — LIQUIFIED PETROLEUM GAS

PLUMBING PIPING

- AV — ACID VENT
- AW — ACID WASTE
- DWR — CHILLED DRINKING WATER RETURN
- DWS — CHILLED DRINKING WATER SUPPLY
- COLD WATER
- FD — FOUNDATION DRAIN
- HOT WATER (140 °F)
- HOT WATER RETURN (140 °F)
- D — INDIRECT DRAIN
- IW — INDIRECT WASTE
- KV — KITCHEN VENT
- KW — KITCHEN WASTE
- LS — LAWN SPRINKLER
- SW — SOFT COLD WATER
- SOIL, WASTE OR SANITARY SEWER
- SD — STORM DRAIN, RAINWATER DRAIN
- SSD — SUB-SOIL DRAIN
- TEMP — TEMPERED WATER RETURN (°F)
- TEMP — TEMPERED WATER SUPPLY (°F)
- VENT

PIPING ELEMENTS

- BLIND FLANGE
- BRANCH, BOTTOM CONNECTION
- BRANCH, SIDE CONNECTION
- BRANCH, TOP CONNECTION
- CAP ON END OF PIPE
- FLOW IN DIRECTION OF ARROW
- PIPE TURNED DOWN (ELBOW)
- PIPE TURNED UP (ELBOW)
- PITCH PIPE DOWN IN DIRECTION OF ARROW
- PLUGGED TEE
- RISE OR DROP IN PIPE
- SPOOL PIECE, FLANGED
- PIPING BELOW GRADE

PIPING EQUIPMENT

- AREA OR FLOOR DRAIN (AS NOTED)
- BLIND FLANGE
- CLEANOUT, FLOOR
- CLEANOUT, PLUG
- CLEANOUT, WALL
- CLEANOUT, YARD
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER
- EXPANSION COMPENSATOR
- EXPANSION JOINT
- FLANGES
- FLEXIBLE CONNECTOR

PIPING EQUIPMENT (CONTINUED)

- FLOOR SINK
- FLOW SWITCH
- MANUAL AIR VENT
- PIPE ANCHOR
- PIPE GUIDE
- PLANTER DRAIN
- ROOF DRAIN
- ROOF DRAIN WITH OVERFLOW DRAIN
- SPRINKLER HEAD TURNED DOWN
- SPRINKLER HEAD, SIDEWALL
- SPRINKLER HEAD TURNED UP
- STRAINER
- STRAINER WITH BLOWDOWN
- THERMOMETER
- UNION
- VACUUM BREAKER
- WATER HAMMER ARRESTER
- WATER TRAP

SPECIALTY PIPING

- AR — ARGON GAS
- CL — CHLORINATED WATER
- A — COMPRESSED AIR
- X"A — COMPRESSED AIR - X"
- DE — DEIONIZED WATER
- DI — DISTILLED WATER
- LA — LABORATORY COMPRESSED AIR
- LV — LABORATORY VACUUM
- LN — LIQUID NITROGEN
- LOX — LIQUID OXYGEN
- MA — MEDICAL AIR
- MV — MEDICAL VACUUM
- MEG — METHANE GAS
- N — NITROGEN GAS
- NOX — NITROUS OXIDE
- OX — OXYGEN
- VAC — VACUUM
- VC — VACUUM CLEANING

VALVES

- ANGLE VALVE, GATE & GLOBE
- BACKFLOW PREVENTER
- BALANCING VALVE
- BALL VALVE
- BUTTERFLY VALVE
- CHECK VALVE
- FIRE HYDRANT
- GAS COCK
- GATE VALVE
- GLOBE VALVE
- OUTSIDE SCREW AND YOKE VALVE
- PLUG VALVE
- PRESSURE-REDUCING VALVE
- PRESSURE RELIEF VALVE
- SIAMESE CONNECTION
- VALVE IN VERTICAL PIPE
- VALVE IN YARD BOX
- VALVE WITH TAMPER SWITCH
- WALL HYDRANT OR HOSE BIBB (AS NOTED)
- VALVE IN VERTICAL PIPE WITH TAMPER SWITCH

MISC.

- CONNECT TO EXISTING PIPING BELOW SLAB

J. Vinton Schafer & Sons
RECORD DRAWING
DATE: May 2, 1988

PEARL STREET GARAGE

UNIVERSITY of MARYLAND at BALTIMORE, MARYLAND 21201

UMAB project no. 85 304 A

RTKL DWG FORM NO 14A D-5805 B

Approvals

Director of Physical Plant	Project Architect
Department of General Services, Project Administration	Director of Engineering and Construction

No.	Date	Item	No.	Date	Item

REVISIONS

Seal: STATE OF MARYLAND

Drawn T.B. | Checked T.N.
Approved G.M.

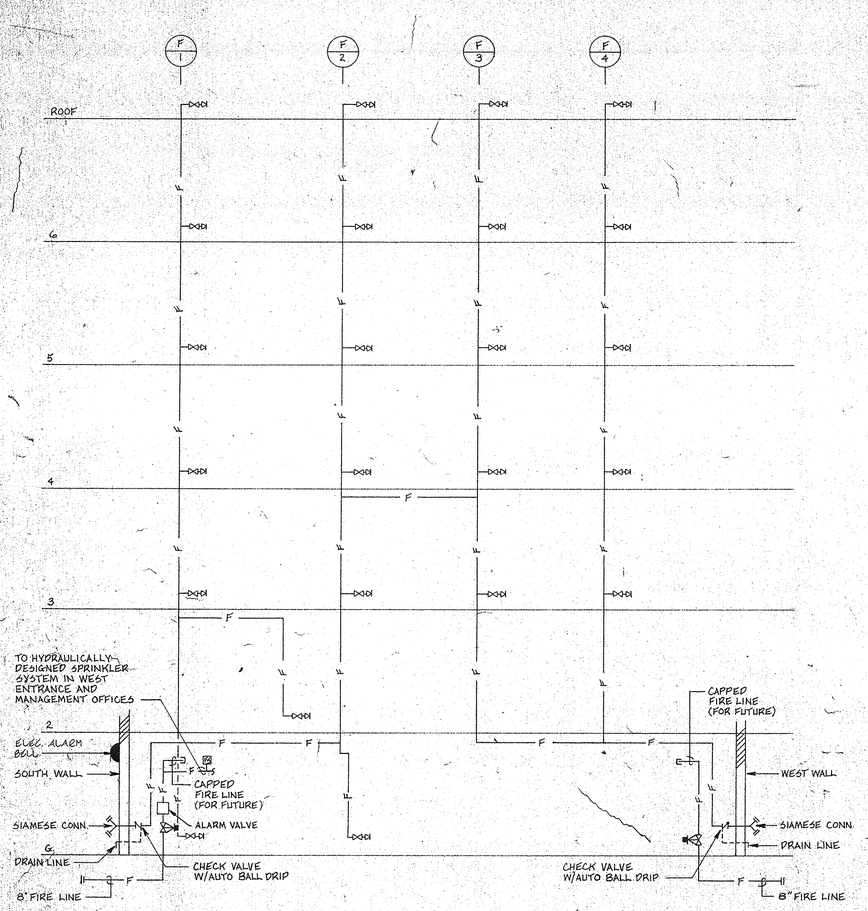
J. VINTON SCHAFER & SONS, INC.
GENERAL CONTRACTORS
11150 Pulaski Highway · White Marsh, MD 21162

RTKL

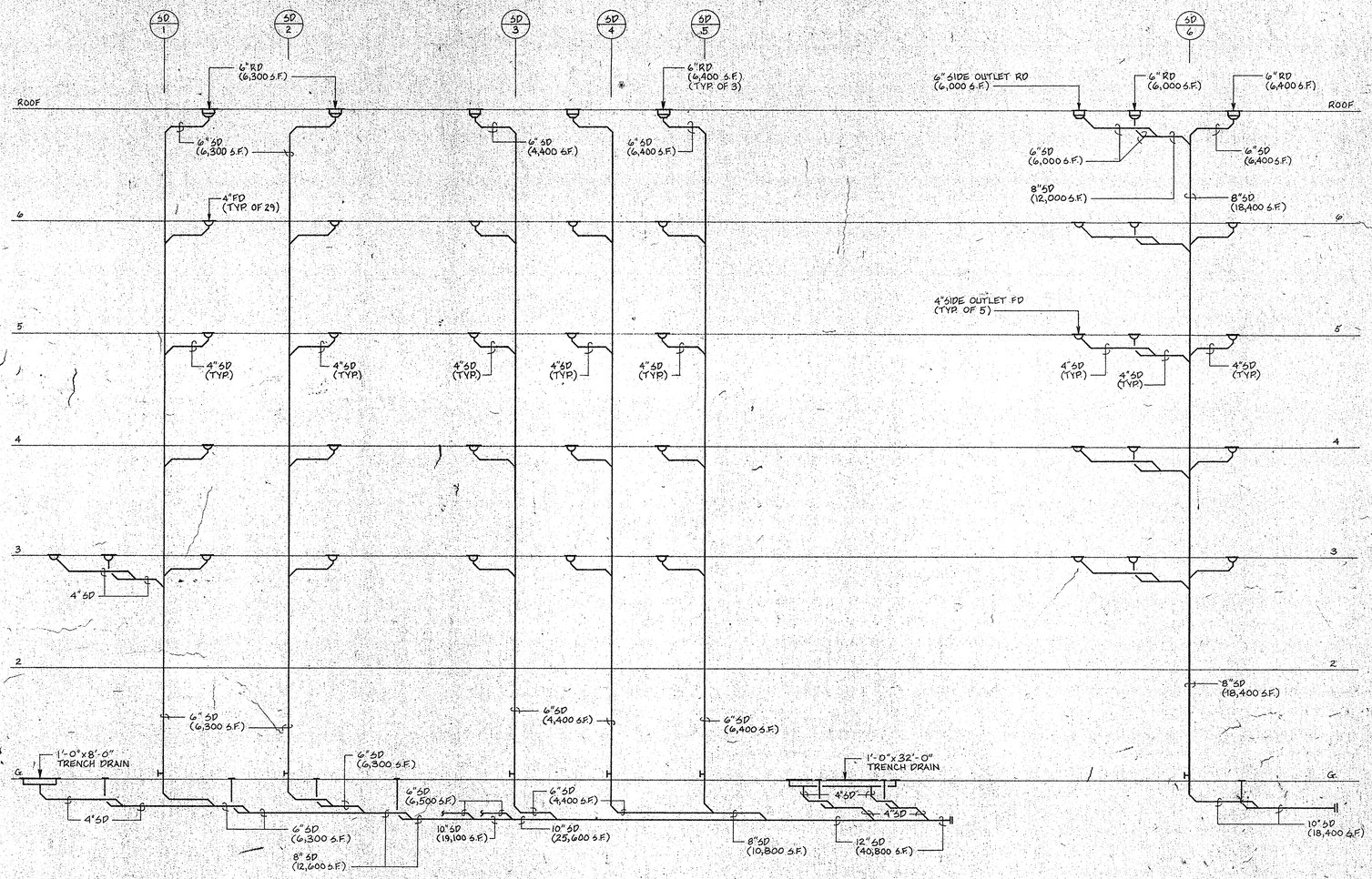
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Date	25 JULY 86
Last Rev.	

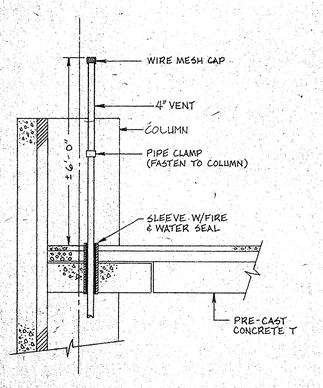
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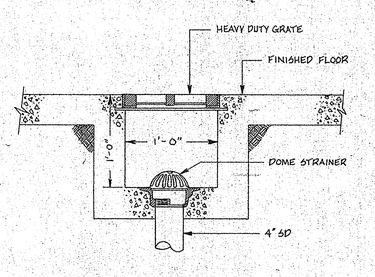
FIRE PROTECTION RISER DIAGRAM
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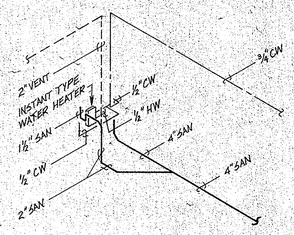
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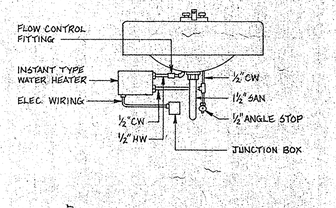
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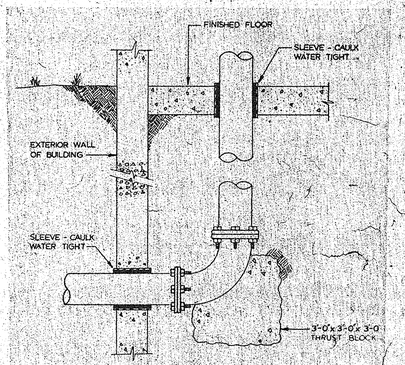
TRENCH DRAIN DETAIL
NO SCALE



TOILET ROOM RISER DIAGRAM
NO SCALE



WATER HEATER DETAIL
NO SCALE



INCOMING WATER SERVICE DETAIL
FIRE SERVICE SIMILAR
NO SCALE

J. Vinton Schafer & Sons
RECORD DRAWING
DATE: May 8, 1988

PEARL STREET GARAGE

UNIVERSITY of MARYLAND at BALTIMORE, MARYLAND 21201

UMAB project no. 85 304 A

Approvals

Director of Physical Plant	Project Architect
Department of General Services, Project Administrator	Director of Engineering and Construction

No.	Date	Item	No.	Date	Item

REVISIONS

Seal: STATE OF MARYLAND — TIN HO — REGISTERED PROFESSIONAL ENGINEER

Drawn: T.B. | Checked: G.M. | Approved: T.N.

J. VINTON SCHAFER & SONS, INC.
GENERAL CONTRACTORS
11150 Pulaski Highway, White Marsh, MD 21162

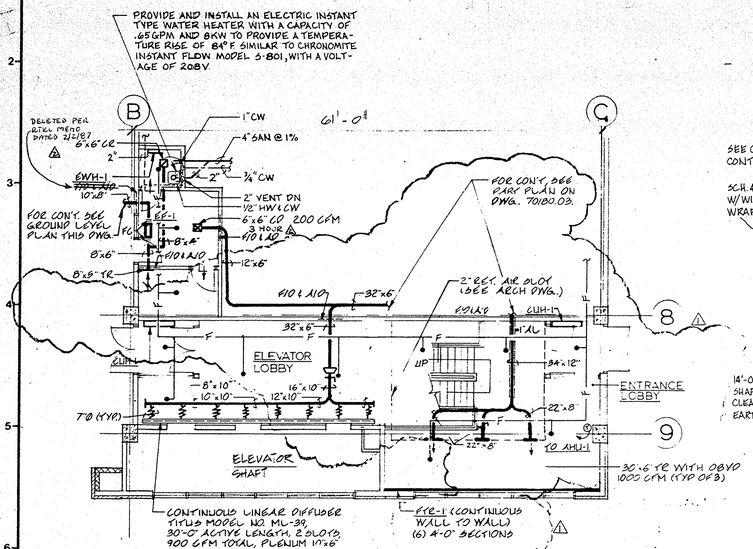
RTKL

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Last Rev.	

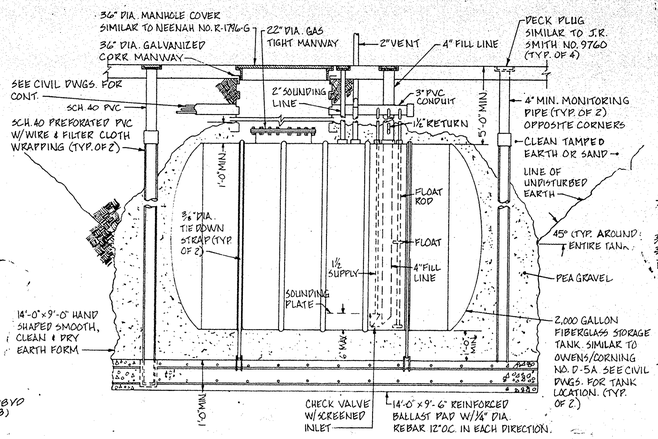
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RTKL DWG FORM NO. 14A D-5805 B



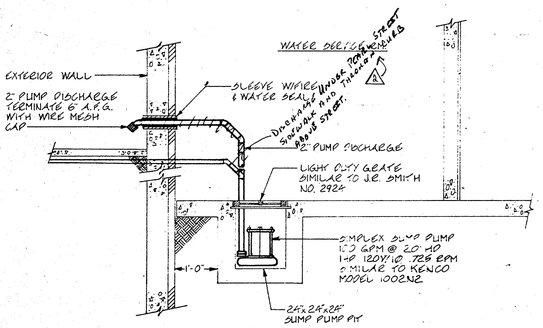
6B WEST ENTRANCE LOBBY & TOILET ROOM - PART PLAN

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



UNDERGROUND TANK DETAIL

SCALE: 1"=1'-0"



SUMP PUMP DETAIL

NO SCALE

NOTES

1. **PIPING:**
   1. **REFRIGERANT PIPING TO BE COPPER ACR, ASTM B280 OF SIZES INDICATED ON THE DRAWINGS.**
   2. **FUEL OIL PIPING: FUEL OIL PIPING SHALL BE ALL WELDED CONSTRUCTION, STEEL ASTM A53 SEAMLESS, SCHEDULE 40.**
2. **INSULATION:**
   1. **INSULATE SUPPLY DUCTWORK WITH FIBERGLASS BLANKET 2" THICK, 0.6 LBS. MINIMUM DENSITY, 0.28 MAXIMUM K FACTOR AT 75 DEGREES F MEAN TEMPERATURE AND WITH FACTORY APPLIED FOIL-SCRIM-KRAFT FACING.**
   2. **INSULATE REFRIGERATION SUCTION LINE WITH 1-1/2" THCIK, 6.0 LBS. MINIMUM DENSITY, 0.27 MAXIMUM K FACTOR AT 75 DEGREES F MEAN TEMPERATURE, SIMILAR TO ARMASTRONG ARMALFEX II.**
3. **GRILLES AND DIFFUSERS:**
   1. **RATING OF AIR DIFFUSING DEVICES SHALL BE IN ACCORDANCE WITH AIR DIFFUSING COUNCIL (ADC) EQUIPMENT TEST CODE 1062R2 AND ASHRAE STD. 863.**
   2. **SUPPLY AIR DIFFUSER DEVICES SHALL BE EQUAL TO TITUS WITH FULLY ADJUSTABLE PATTERN. DIFFUSERS SHALL BE WITH DAMPER.**
   3. **FLEXIBLE DUCT CONNECTIONS AT SLOT DIFFUSERS SHALL BE POLYESTER REINFORCED ALUMINUM FOIL OVER CORROSION RESISTANT WIRE HELIX, 6 INCH WG RATED PRESSURE; SIMILAR TO WIREMOLD WC. FLEXIBLE DUCTS SHALL BE SECURED WITH CLAMPS AND SEALER OR SCREWS, SELAER AND TAPE TO SHEET METAL DUCTWORK.**
4. **AIR BALANCING:**

   ON COMPLETION OF THE JOB, BALANCE ALL SUPPLY AND RETURN NETWORKS TO MEET SPECIFIED CONDITIONS.

   WITH ALL SYSTEMS FUNCTIONING, ADJUST SYSTEM SO THAT THE FOLLOWING TESTED MEASUREMENTS ARE WITHIN 5% OF THE DESIGN REQUIREMENTS.

   PROVIDE 3 COPIES OF THE CERTIFIED BALANCING REPORT AFTER COMPLETION OF THE JOB.

EQUIPMENT SCHEDULE

HEAT PUMP SYSTEM HP-1/AHU-1

OUTDOOR UNIT: 121 MBH TOTAL COOLING CAPACITY
94 MBH SENSIBLE COOLING CAPACITY
95 DEG. F DB AMBIENT
67 DEG. F WB ENTERING INDOOR UNIT
10.3 KW
460 VOLT/3 PHASE/60 HERTZ
SIMILAR TO CARRIER MODEL NO. 38AQ012

INDOOR UNIT: 4000 CFM @ 1.0" EXTERNAL SP
660 CFM O.A.
2.0 HP MOTOR
460 VOLT/3 PHASE/60 HERTZ
64 MBH HEATING CAPACITY @ 17 DEG. DB EAT AND 6.4 KW
9.8 KW SUPPLEMENTARY HEATER
33.4 MBH HEATING CAPACITY
460 VOLT/3 PHASE/60 HERTZ
SIMILAR TO CARRIER MODEL NO. 40RR012

EXHAUST FANS: EF-1: 250 CFM @ .25 SP
1050 RPM MOTOR, 115 VOLT/1 PHASE/60 HZ
SIMILAR TO PENN ZEPHYR Z-10 TDA

EF-2: 1000 CFM @ .25" SP
1140 RPM MOTOR, 1/8 HP, 115 VOLT/1 PHASE/60 HZ
16" DIAM. PROPELLER FAN
SIMILAR TO PENN BREEZEWAY PY-16T

EF-3: 3200 CFM @ .25" SP
1725 RPM, 1/2 HP MOTOR, 115 VOLT/1 PHASE/60 HZ
18" DIAM. PROPELLER FAN
SIMILAR TO PENN BREEZEWAY P-18G

EF-4: 5000 CFM @ .25" SP
785 RPM, 1/2 HP MOTOR, 115 VOLT/1 PHASE/60 HZ
24" DIAM. PROPELLER FAN
SIMILAR TO PENN BREEZEWAY FB-242

UNIT HEATERS: UH-1: 3.0 KW, 10.2 MBH
350 CFM, 1600 RPM
460 VOLT/3 PHASE/60 HZ
SIMILAR TO CHROMALOX MODEL MUH-03-4

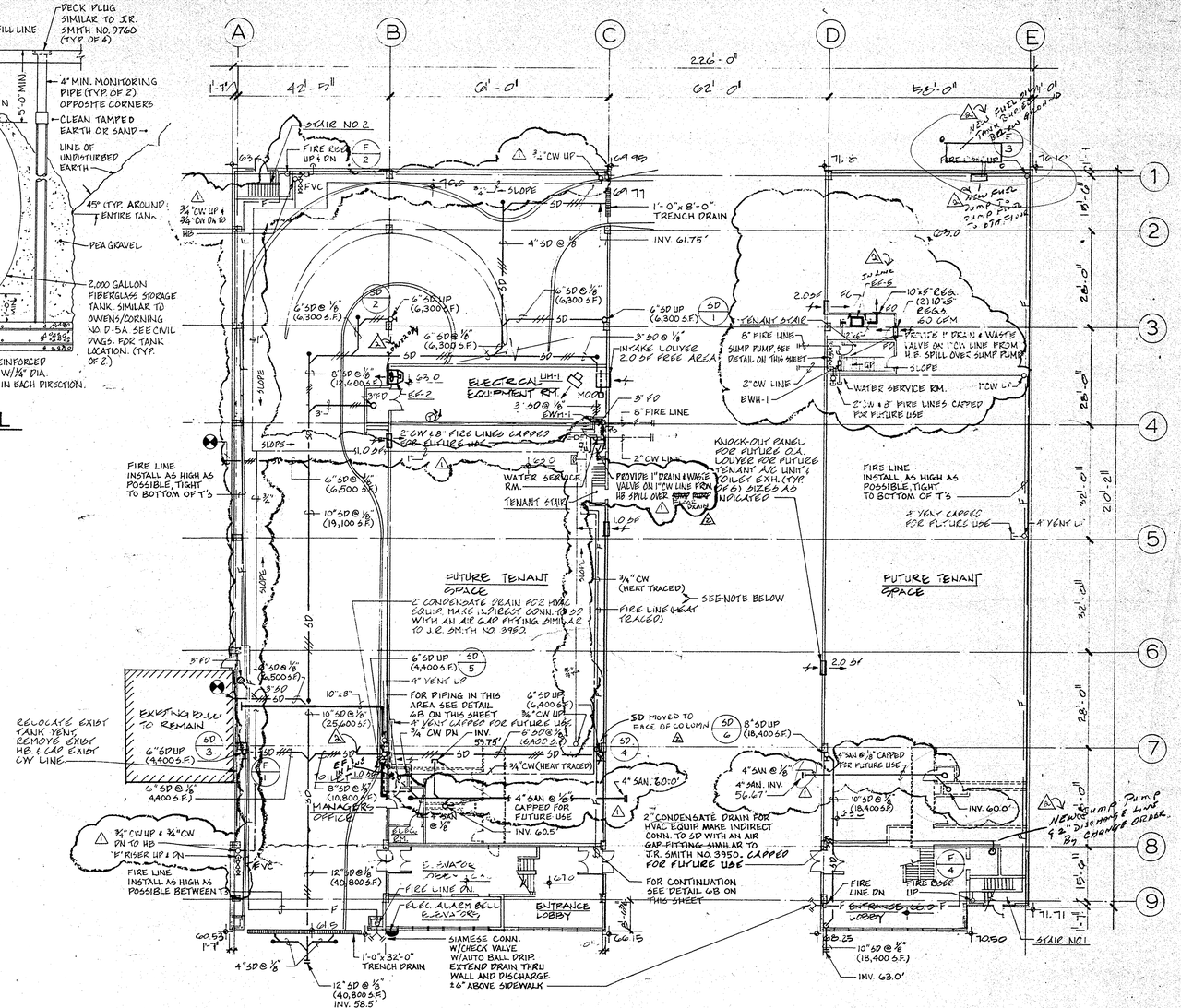
UH-2: 2.2 KW, 7.5 MBH
350 CFM, 1600 RPM
208 VOLT/1 PHASE/60 HZ
SIMILAR TO CHROMALOX MODEL MUH-03-2

ELECTRIC WALL HTR: EWH-1: 1.5 KW, 5.1 MBH
277 VOLT/1 PHASE/60 HZ
SIMILAR TO CHROMALOX MODEL FWH-AC-52

FIN TUBE RADIATION FTR-1: 500 WATT/FT, 4'-0" SECTIONS
6826 BTU/SECTION, TWO ELEMENTS
277 VOLT/1 PHASE/60 HERTZ
SIMILAR TO CHROMALOX MODEL APHOTA (TOTAL OF 6 SECTIONS)

CABINET UNIT HEATER CUH-1: 3.0 KW TOTAL HEATING CAPACITY
10,500 BTU/HR, 200 CFM
460 VOLT/3 PHASE/60 HERTZ
SIMILAR TO CHROMALOX MODEL CUW-STF
WITH INTEGRAL THERMOSTAT AND DISCONNECT SWITCH (TYPICAL FOR TWO)

EXHAUST FANS: EF-5: 160 CFM @ .25" SP
1650 RPM MOTOR, 115 VOLT/1 PHASE/60 HZ
SIMILAR TO PENN ZEPHYR Z-8



11M GROUND LEVEL

SCALE: 1/16"=1'-0"

HEAT TRACING CABLE

PROVIDE CHROMALOX HEATING CABLE OR EQUAL, UL/FM APPROVED, CONSTANT WATTAGE TYPE, THERMOSTATICALLY CONTROLLED, 4 WATTS PER FOOT, 120 VOLTS, INSULATION OVER CABLE, WITH PILOT LIGHT LOCATED IN WATER SERVICE ROOM FOR EACH LINE: COLD WATER AND FIRE PROTECTION

J. Vinton Schafer & Sons
RECORD DRAWING
DATE: 5/2/88

PRIOR TO DRILLING OR SHOOTING INTO PRECAST CONCRETE, COORDINATE LOCATIONS TO AVOID CONTACT WITH PRESTRESSING STRANDS. DAMAGE TO THE STRANDS MAY RESULT IN STRUCTURAL FAILURE.

PEARL STREET GARAGE

UNIVERSITY of MARYLAND at BALTIMORE, MARYLAND 21201

UMAB project no. 85 304 A

Approvals

Director of Physical Plant

Department of General Services, Project Administrator

Project Architect

Director of Engineering and Construction

No.	Date	Item
2	5/2/88	AS-BUILT
1	2-17-88	ADDENDUM #1

REVISIONS

Seal

Drawn T.B. Checked G.M.
Approved T.N.

J. VINTON SCHAFER & SONS, INC. GENERAL CONTRACTORS
11150 Pulaski Highway - White Marsh, MD 21162

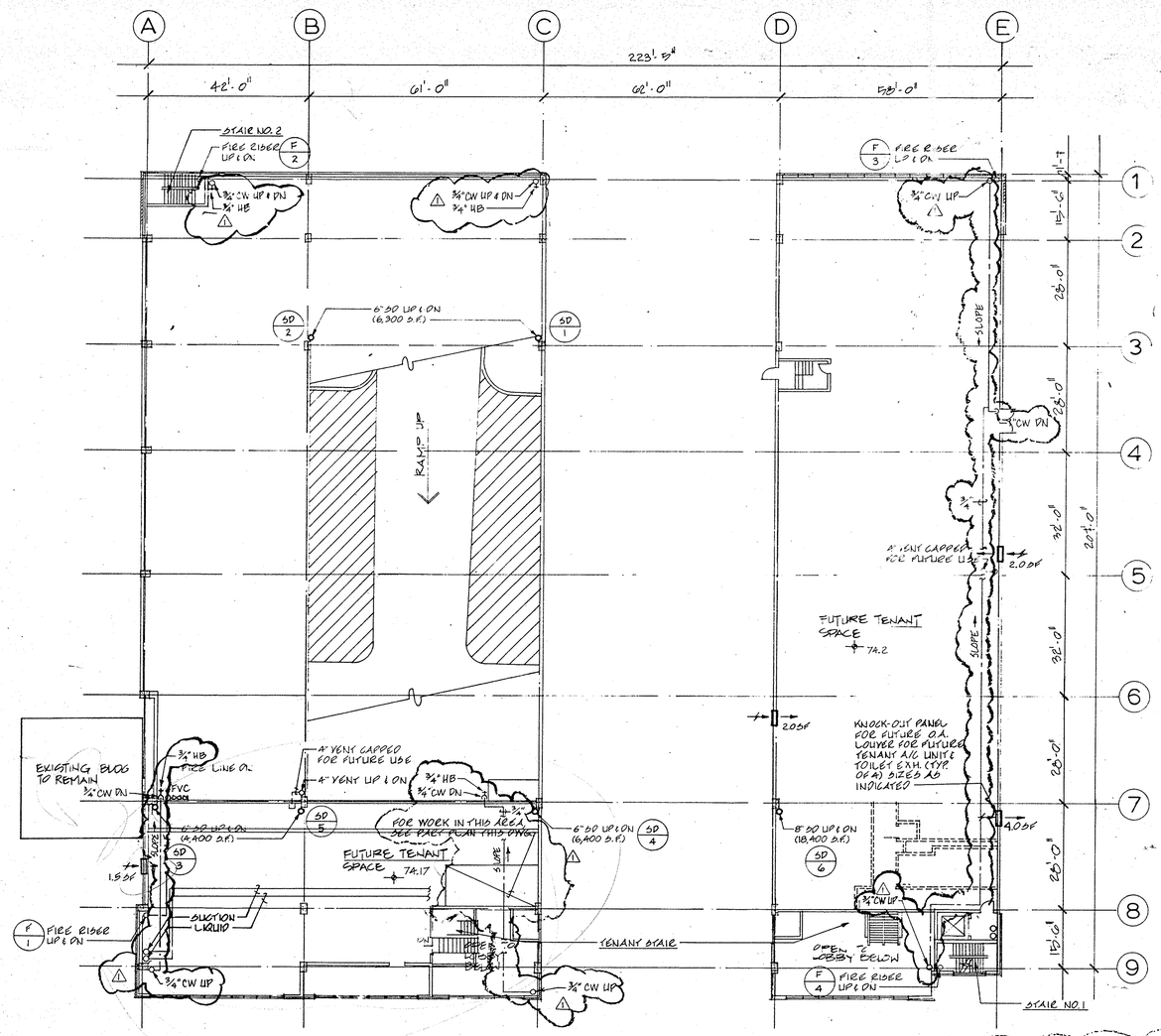
RTKL
RTKL ASSOCIATES INC.
400 East Pratt Street
Baltimore Maryland 21202

Title: GROUND LEVEL PLAN-PLUMBING & HVAC

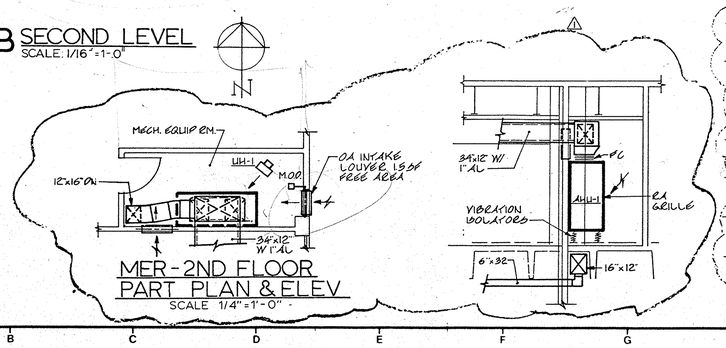
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Scale	AS SHOWN
Date	25 JULY 86
Last Rev.	2-17-88

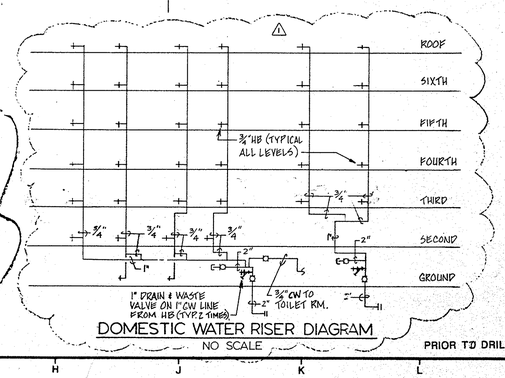
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01

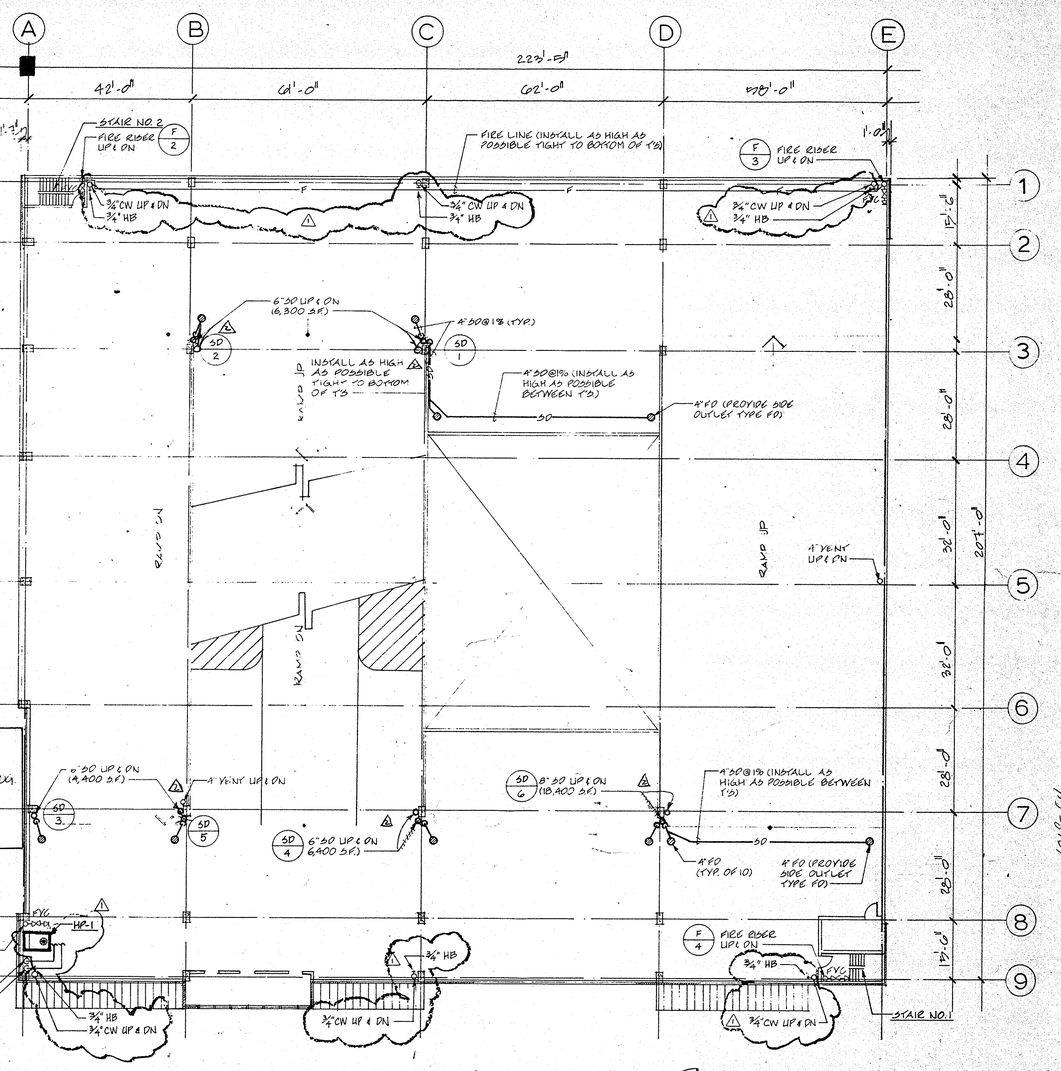
RTKL DWG FORM NO. 14A D-5805 B



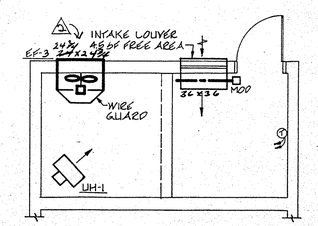
11B SECOND LEVEL
SCALE: 1/16"=1'-0"







11M THIRD PARKING LEVEL
SCALE: 1/16"=1'-0"



LOWER ELEV. MACHINE ROOM-HVAC
SCALE: 1/4"=1'-0"

J. Vinton Schafer & Sons
RECORD DRAWING
DATE: 5/9/88

PRIOR TO DRILLING OR SHOOTING INTO PRECAST CONCRETE, COORDINATE LOCATIONS TO AVOID CONTACT WITH PRESTRESSING STRANDS. DAMAGE TO THE STRANDS MAY RESULT IN STRUCTURAL FAILURE.

PEARL STREET GARAGE
UNIVERSITY of MARYLAND at BALTIMORE, MARYLAND 21201
UMAB project no. 85 304 A

Approvals

Director of Physical Plant

Project Architect

Department of General Services, Project Administrator

Director of Engineering and Construction

No.	Date	Item
2	8/1/88	AS-Built
1	12-17-86	ADDENDUM #1

REVISIONS

Seal

Drawn C.K | Checked G.M. | Approved T.N.

J. VINTON SCHAFER & SONS, INC. GENERAL CONTRACTORS
11150 Pulaski Highway · White Marsh, MD 21162

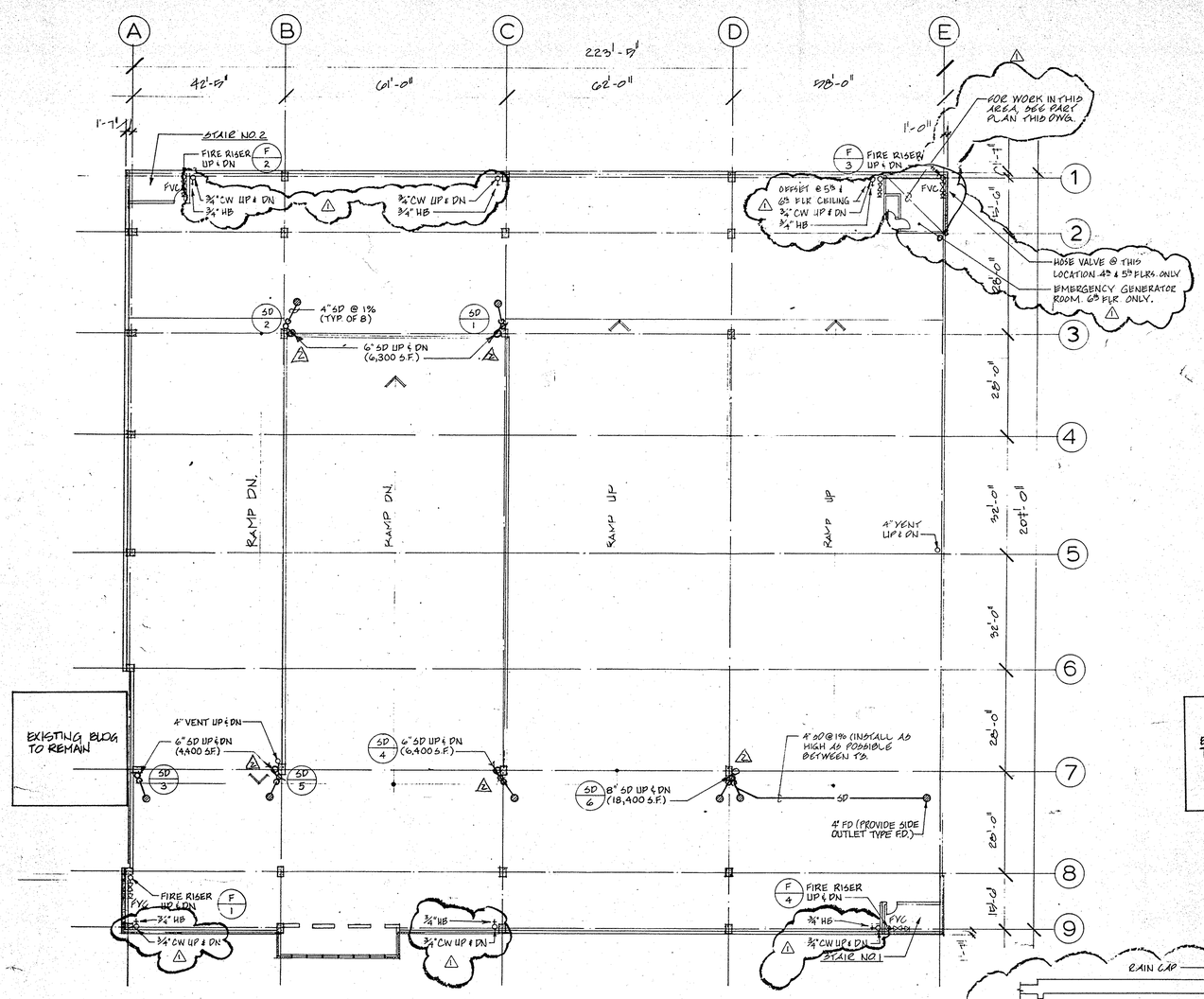
RTKL ASSOCIATES INC.
400 East Pratt Street
Baltimore Maryland 21202

Title: SECOND & THIRD LEVEL PLANS - PLUMBING & HVAC

Contr. No.	8527800
Scale	AS SHOWN
Date	25 JULY 86
Last Rev.	12-17-86

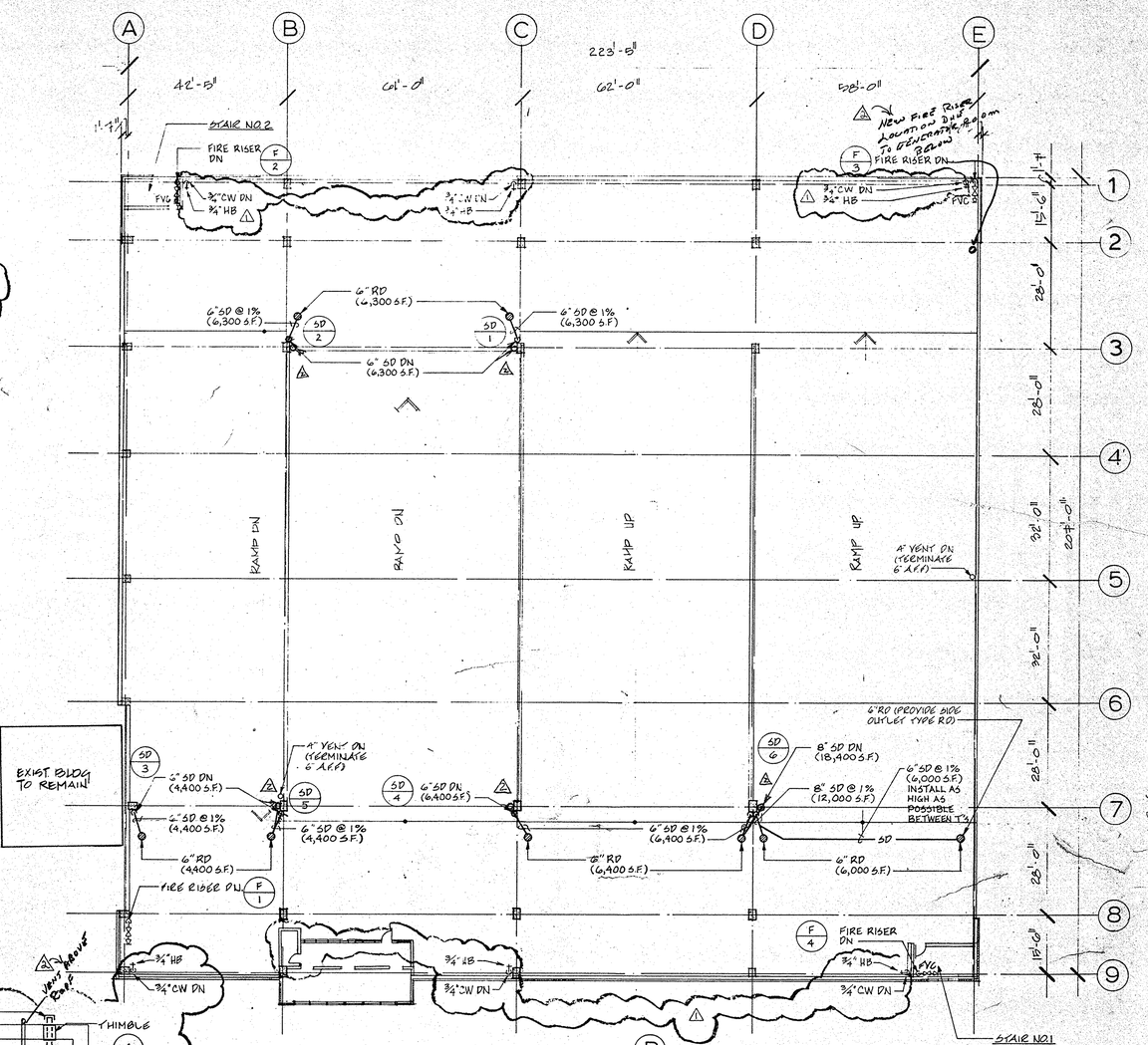
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02

RTKL DWG FORM NO. 14A D-5805 B



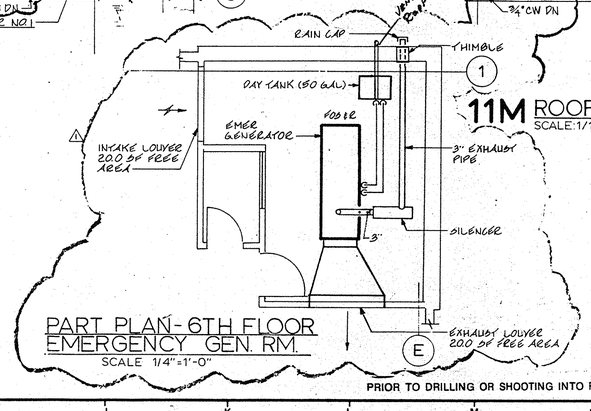
11B TYPICAL PARKING LEVELS 4th 5th 6th

SCALE 1/16"=1'-0"



11M ROOF PARKING LEVEL

SCALE: 1/16"=1'-0"



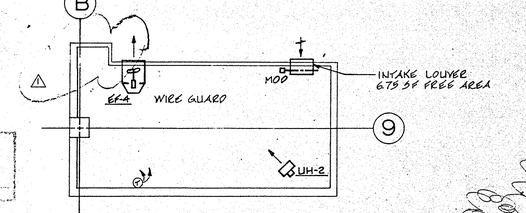
PART PLAN - 6TH FLOOR EMERGENCY GEN. RM.

SCALE 1/4"=1'-0"

J. Vinton Schafer & Sons

RECORD DRAWING

DATE: 5/2/88



ELEVATOR MACHINE ROOM - HVAC

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

PRIOR TO DRILLING OR SHOOTING INTO PRECAST CONCRETE, COORDINATE LOCATIONS TO AVOID CONTACT WITH PRESTRESSING STRANDS. DAMAGE TO THE STRANDS MAY RESULT IN STRUCTURAL FAILURE

PEARL STREET GARAGE

UNIVERSITY of MARYLAND at BALTIMORE, MARYLAND 21201

UMAB project no. 85 304 A

Approvals

Director of Physical Plant

Department of General Services, Project Administrator

Project Architect

Director of Engineering and Construction

No.	Date	Item
1	5/2/88	AS-Built
1	12-1788	ADDENDUM # 1

REVISIONS

Seal

Drawn T.B. | Checked Gr.M.

Approved T.N.

J. VINTON SCHAFER & SONS, INC.
GENERAL CONTRACTORS
11150 Pulaski Highway · White Marsh, MD 21162

RTKL ASSOCIATES INC.
400 East Pratt Street
Baltimore Maryland 21202

Title: TYPICAL (4,5,6) AND ROOF PLANS - PLUMBING & HVAC

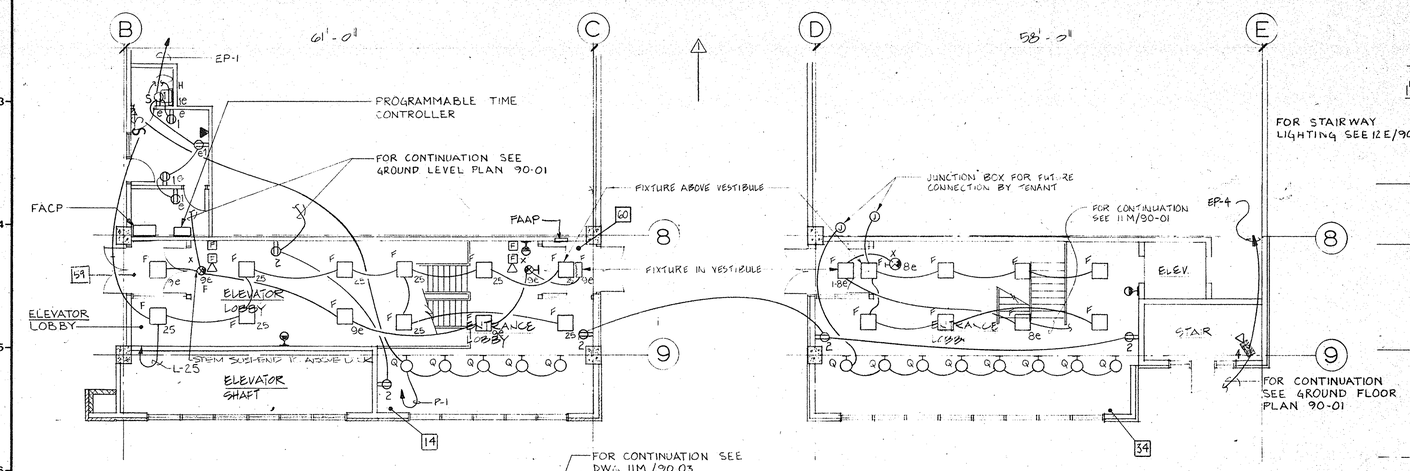
Contr.No.	8527800
Scale	1/16"=1'-0"
Date	25 JULY 86
Last Rev.	12·17·86

70/80
03

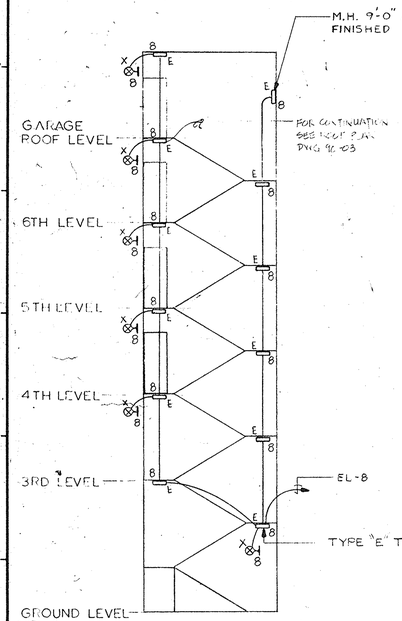
RTKL DWG FORM NO 14A D-5805 B

DRAWING NOTES

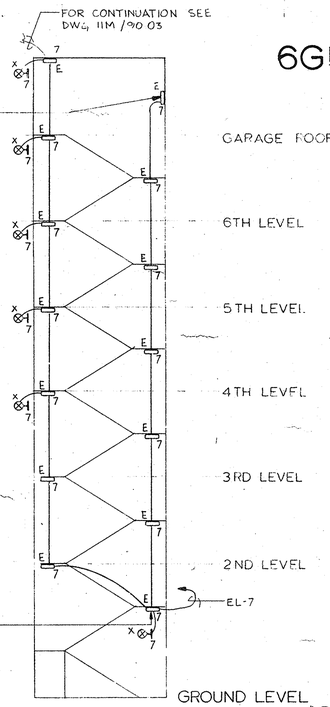
1. CONDUITS TERMINATE BELOW EUCO TRANSFORMER PAD.
2. 5#14 - 3/4"C. FROM BOOTH TO TELEPHONE EQUIPMENT BACKBOARD FOR SECURITY SYSTEM AND HOLD-UP BUTTON
3. 1" EMPTY CONDUIT FROM BOOTH TO OFFICE FOR ENTRY SIGNS & GATE CONTROLS.
4. Conduits over Pearl St. containing 4-4" Spares Power & Telephone conduits from East to West Elec. Room. Also Conduits for CCTV, Ringdown Telephone, Card Readers & Door Monitors for South East Stairway Power for Hydraulic Elevator.
5. 36"x36"x12" J. Box with 4-4" Spares From East to West Electric Room
6. Conduits feeding Outside Lights & North West Stairway Lighting. Power for CCTV & ADS Low voltage
7. 3 Ø 480 V. Sump Pump 15 amp Brkr. Panel L
8. Conduits feeding Power & ADS Equip. for West Entrance Lobby, Elevator Pits - Office Area.



6B WEST ENTRANCE LOBBY
SCALE: 1/8"=1'-0"

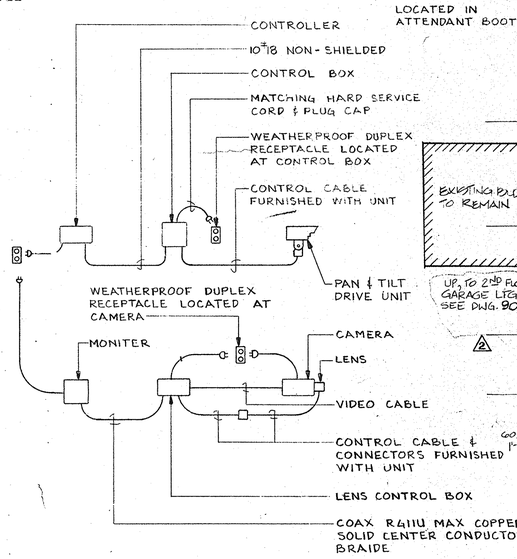


12A SOUTHEAST STAIR TOWER
NO SCALE



12E NORTHWEST STAIR TOWER
NO SCALE

6G EAST ENTRANCE LOBBY
SCALE: 1/8"=1'-0"

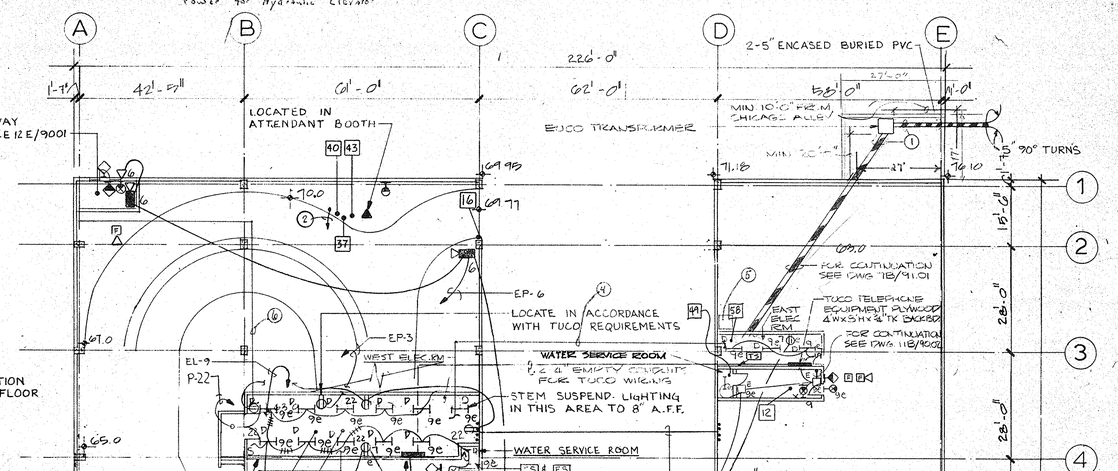


12H TYPICAL DETAIL CLOSED CIRCUIT TELEVISION (CCTV)

NOTES: 1. GROUND LEVEL CCTV: MONITORS LOCATED IN ATTENDANTS BOTH THESE UNITS WILL NOT BE EQUIPPED WITH 200M LENS OR PAN/TILT FEATURE.

2. ROOF LEVEL CCTV: MONITORS & CONTROLLORS LOCATED IN HOWARD HALL POLICE COMMUNICATIONS ROOM

3. ALL WIRING IN CONDUIT EXCEPT CORD & PLUG



11M GROUND LEVEL
SCALE 1/16"=1'-0"

EXTEND LOW VOLTAGE SECURITY & ALARM SYSTEM WIRING TO HOWARD HALL & ADMINISTRATION BUILDING

EXISTING MANHOLE #32 SEE CIVIL DWGS FOR LOCATION

J. Vinton Schafer & Sons
RECORD DRAWING
DATE: May 2, 1988

ELECTRICAL LOAD SUMMARY	
TOTAL LOAD KVA	1200
LIGHTING KVA	120
RECEPTACLE KVA	8
POWER KVA	150
TENANT KVA	600
LARGEST MOTOR HP (ELEVATOR)	30
ESTIMATED DEMAND KW	920

GENERAL NOTES
1. CONTRACTOR TO INSTALL CONDUITS AS NEATLY AS POSSIBLE. SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION.

PRIOR TO DRILLING OR SHOOTING INTO PRECAST CONCRETE, COORDINATE LOCATIONS TO AVOID CONTACT WITH PRESTRESSING STRANDS. DAMAGE TO THE STRANDS MAY RESULT IN STRUCTURAL FAILURE.

PEARL STREET GARAGE
UNIVERSITY of MARYLAND at BALTIMORE, MARYLAND 21201
UMAB project no. 85 304 A

Approvals

Director of Physical Plant	Project Architect
Department of General Services, Project Administrator	Director of Engineering and Construction

No.	Date	Item	No.	Date	Item
2	4-15-87	ROOFED & REARRANGED LTG. IN GARAGE ENTRY AREA			
1	12-17-86	ADDENDUM No 1			

REVISIONS

Seal: LEO A. BATTERMAN PROFESSIONAL 2472 STATE OF MARYLAND

Drawn MAO | Checked GJB | Approved LAR

J. VINTON SCHAFER & SONS, INC. GENERAL CONTRACTORS
11150 Pulaski Highway · White Marsh, MD 21162

RTKL ASSOCIATES INC.
400 East Pratt Street
Baltimore Maryland 21202

Title: GROUND LEVEL PLAN ELECTRICAL

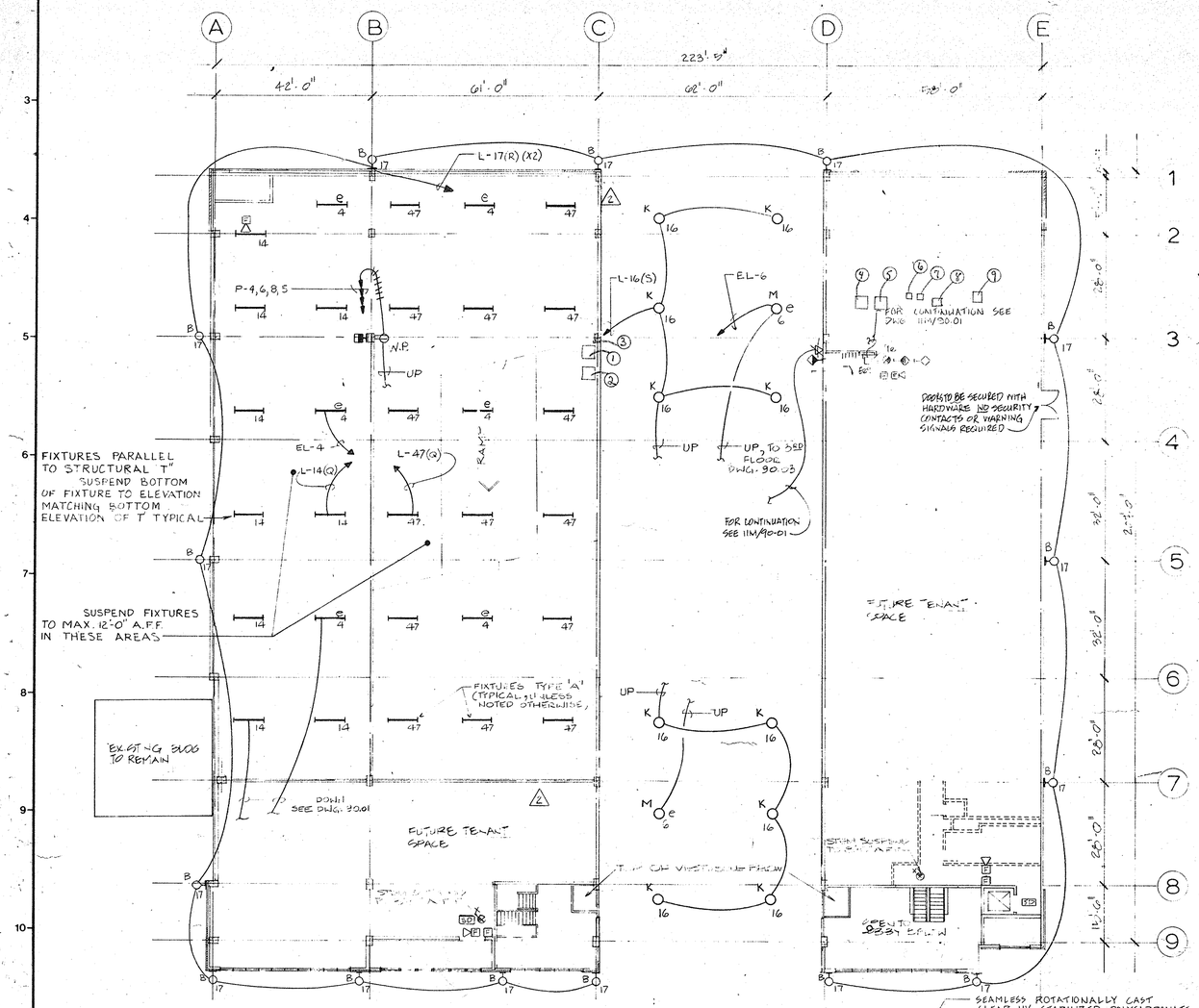
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Scale	AS NOTED
Date	7/25/86
Last Rev.	12-17-86

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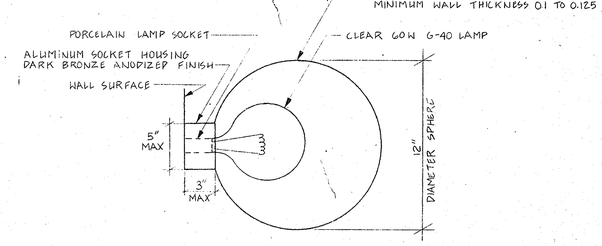
RTKL DWG FORM NO 14A D-5805 B

Notes

1. 12"x12" Junction Box on floors 1-6 for Emergency Lighting
2. 12"x12" Junction Box on floors 1-6 for Normal Power Lighting
3. Conduit Riser to Elevator Machine Rm. on Roof consisting of Elevator feeders, Control Circuits, Floor + Lighting
4. 24"x24" Junction Box West Electric Room feeders 2-3"C.
5. 36"x36" Junction Box Telephone 2-4" Conduits
6. 6"x6" J.B. EP + E.L. Circuits
7. 6"x6" J.B. Card Reader Riser on Column D3 + South East Stairway
8. 12x12" JB CCTV Cables Tenant Stairways, East Lobby + South east Stairway
9. 24"x24" J.B. Generator feeders. Power + Lighting for Generator Room.



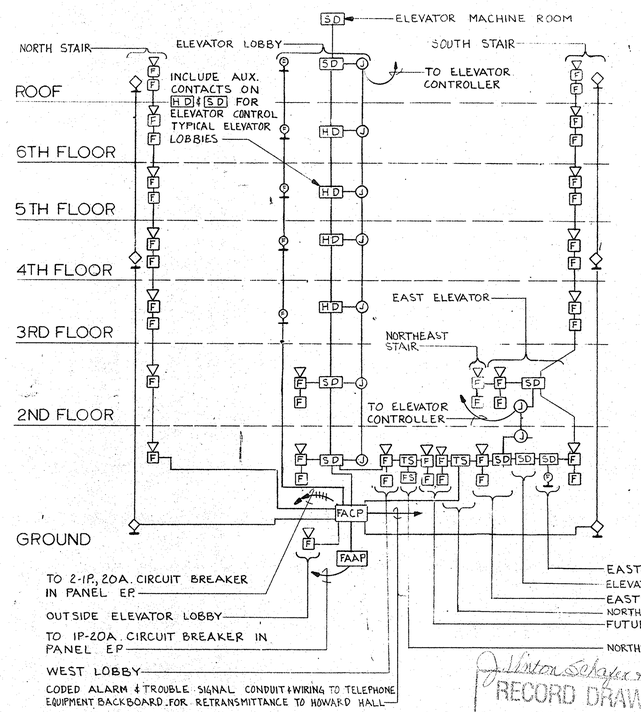
11B SECOND LEVEL
SCALE 1/16" = 1'-0"



13H TYPE "Q" LIGHTING FIXTURE
NO SCALE

SCHEDULE OF LIGHTING FIXTURES

TYPE	DESCRIPTION	LAMPS	MOUNTING HEIGHT	MANUFACTURER AND CATALOG Nº
A	WEATHERPROOF FLUORESCENT WITH ACRYLIC RIBBED LENS.	1-T12 F96 CW 1500 MA	SEE DWG.	SPAULDIG EMI-1 SERIES 277 VOLTS
B	WALL MOUNTED CUT OFF METAL HALIDE FIXTURE FINISH TO MATCH STORE FRONT.	1-175W MH	SEE ARCH. ELEVATIONS FOR EXACT LOCATIONS	HUBBELL LCS C175H-1PBR HOUSE SIDE SHIELD LCS-HS W/WALL BRACKET 277 VOLTS
C	OUTDOOR POLE MOUNTED METAL HALIDE WITH FINISH TO MATCH STORE FRONT. NUMBER OF LUMINARIES AS SHOWN. SEE 33.02 FOR BASE DETAILS	1-175W MH 16,000 LUMEN PER LUMINAIRE	LUMINAIRE TO BE 20'-0" AFF	HUBBELL MAGNUFORM II RCS 0175H1PBI (LUMINAIRE) SAP-6**6-*2-M20 LEKTROCOTE FINISHES 277 VOLTS
D	BARE TUBE FLUORESCENT STRIP WITH 0 DEGREE BALLAST	1-F40W T-12	AS NOTED	LITHONIA S140HRS 277 WITH 0 DEG. BALLAST. 277 VOLTS
E	SURFACE VANDAL PROOF FLUORESCENT WITH ACRYLIC PRISMATIC INJECTION MOLDED POLYCARBONATE LENS AND 0 DEG. BALLAST	2-22W CIRCLINE	UNLESS OTHERWISE NOTED CLG.	KENALL 4400 FURNISH ONE (1) 9500 SERIES POSIGRIP SCREWDRIVER 277 VOLTS
F	RECESSED FLUORESCENT 2x2 WITH ACRYLIC PRISMATIC LENS	2-F40 T-12 "U" LAMPS	CEILING	LITHONIA 2GS 2U40A12277 277 VOLTS
G	RECESSED FLUORESCENT 2x4 WITH ACRYLIC PRISMATIC LENS	4-F40W T-12	CEILING	LITHONIA 2GT440A12277 277 VOLTS
H	INCANDESCENT WALL BRACKET	2-100W A-19	6" ABOVE MIRROR	PRESCOLITE WB-18 120 VOLTS
J	STEM SUSPENDED METAL HALIDE WITH ACRYLIC PRISMATIC DIFFUSER	1-400W MH	AS HIGH AS POSSIBLE	BENJAMIN LPM-400-277-30L 1PH-277-F FUSED POWER HOOK WITH ASSOCIATED LOOP & CORD 277 VOLTS
K	SAME AS TYPE "J" EXCEPT WATTAGE AND PHYSICAL SIZE	1-175 W MH	BOTTOM OF FIXTURE SAME ELEV. AS BOTTOM OF STRUCT. "T"	BENJAMIN LPM-175-277-30L 277 VOLTS
L	SAME AS TYPE "J" EXCEPT WITH 250W QUARTZ STANDBY	400W MH 1-250W T-4 QUARTZ	AS HIGH AS POSSIBLE	BENJAMIN LCM-400-277-30L-"Q" 1PH-277-F FUSED POWER HOOK WITH ASSOCIATED LOOP & CORD 277 VOLTS
M	SAME AS TYPE "K" EXCEPT WITH 250W QUARTZ STANDBY	1-175W MH 1-250W T-4 QUARTZ	AS HIGH AS POSSIBLE	BENJAMIN LPM-175-277-30L "Q" 277 VOLTS
N	WEATHERPROOF INCANDESCENT WITH LENS GUARD	1-100W A-19	SEE DWG.	CROUSE HINDS EVBX BRACKET 120 VOLTS
O	NOT USED	--	-	-
P	SURFACE WALL MOUNTED VANDAL PROOF FLUORESCENT WALL BRACKET WITH 0 DEG. BALLAST	1-F40 T-12	9'-0" AFF	KENALL 7140 WITH 0 DEG. BALLAST 277 VOLTS
X	UNIVERSAL MOUNTED VANDALPROOF FLUORESCENT EXIT SIGN GASKETED FOR WET LOCATIONS. DIRECTIONAL ARROWS AS NOTED. GREEN LETTERS.	2-F6T5	AS NOTED	LIGHTALARMS SERIES 4X PRESCOLITE EX SERIES IN ELEV. LOBBIES AT GROUND LEVEL 277 VOLTS
Q	SURFACE WALL MOUNTED INCANDESCENT WALL BRACKET SEE 13H/90-02	SEE DETAIL	SEE ARCH DWGS	MOLDCAST, MCGRAW EDISON, MCPHILBEN, NIGHTOLIER, PRESCOLITE

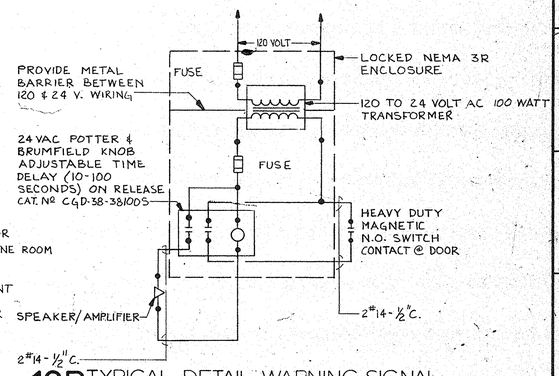


12L FIRE ALARM RISER DIAGRAM
NO SCALE

J. Vinton Schafer & Sons
RECORD DRAWING
DATE: May 2, 1988

ELECTRICAL LEGEND

- LIGHTING FIXTURES - TYPE AS NOTED. SEE SCHEDULE OF LIGHTING FIXTURES DWG. 90-02
- M.H. MOUNTING HEIGHT - UNLESS OTHERWISE NOTED TO CENTER LINE
- A.F.F. ABOVE FINISHED FLOOR
- RECEPTACLE : DUPLEX 20 A., 125 V., M.H. 1'-0" A.F.F.
- TELEPHONE : EMERGENCY RING DOWN, M.H. 4'-0" A.F.F. } SEE AUTOMATIC DOOR SPECIALIST DRAWINGS
- CARD READER : WATCHMANS TOUR M.H. 4'-0" A.F.F.
- CAMERA : GROUND LEVEL CCTV } SEE AUTOMATIC DOOR SPECIALIST DWGS. & 12H/90-01 TO VERIFY EXACT LOCATIONS.
- CAMERA : ROOF LEVEL CCTV
- FIRE ALARM : CONNECTION TO ELECTRIC STRIKE
- SPEAKER/AMPLIFIER : WARNING SIGNAL SYSTEM, FEDERAL SIGNAL Nº 302 WITH TM2 TONE MODULE. M.H. ABOVE HEADER SEE 12R/90-02
- DOOR SENSORS : TWO (2) N.O. MAGNETIC SWITCH CONTACT AT HEADER FOR LOCAL & REMOTE DOOR CONTACT CONDITION MONITORING SYSTEMS SEE AUTOMATIC DOOR SPECIALIST DWGS. 92.01 THRU 92.05
- OUTLET : TELEPHONE M.H. 1'-0" A.F.F EXPEND 3/4" EMPTY CONDUIT TO EQUIPMENT BACKBOARD
- F FIRE ALARM : MANUAL STATION M.H. 4'-0" A.F.F. (WEATHER PROOF UNIT IN GARAGE & ROOF AREAS)
- F FIRE ALARM : HORN & VISUAL SIGNAL M.H. 7'-0" A.F.F. (WEATHER PROOF UNIT IN GARAGE & ROOF AREAS)
- TS SPRINKLER SUPERVISORY : TAMPER SWITCH CONNECTION
- FL SPRINKLER SUPERVISORY : FLOW SWITCH CONNECTION
- SD FIRE ALARM : IONIZATION SMOKE DETECTOR
- FIRE ALARM : VISUAL SIGNAL M.H. 7'-0" A.F.F. (W.P. UNIT IN GARAGE & ROOF AREAS)
- W.P. WEATHER PROOF
- HD FIRE ALARM : HEAT DETECTOR WEATHER PROOF, RATE OF RISE FIXED TEMP. @ 136°F
- S, S^3, S_A SWITCH : 20A., 125/277 VOLTS, SINGLE POLE ; THREEWAY, SUBSCRIPT DENOTES OUTLETS CONTROLLED M.H. 4'-0" A.F.F.
- EXIT SIGN CEILING, WALL BRACKET, WITH DIRECTIONAL ARROW. SHADED AREA INDICATES FACE DIRECTION
- HOMERUN : NUMBER OF ARROWS INDICATE NUMBER OF CIRCUITS. NUMBER OF CROSSLINES INDICATE NUMBER OF CONDUCTORS
- CONDUIT : EXPOSED ON CEILING OR WALL
- CONDUIT : CONCEALED IN CEILING OR WALL } UNLESS OTHERWISE NOTED 2"#12 & 1"#12 GROUND - 3/4" C.
- CONDUIT : CONCEALED IN/BELOW FLOOR
- FAAP FIRE ALARM : REMOTE ANNUNCIATOR PANEL
- FACP FIRE ALARM : CONTROL PANEL
- e OUTLET ON EMERGENCY CIRCUIT
- EUCO ELECTRIC UTILITY COMPANY
- TUCO TELEPHONE UTILITY COMPANY
- (A) PROGRAMMABLE TIME CONTROLLER MODE DESIGNATION, EXTEND CIRCUIT THRU MODE RELAY SEE 13A/91-01
- (XI) PHOTO CELL CONTROLLED CIRCUIT. NUMBER INDICATES PHOTO CELL ASSIGNMENT. EXTEND BRANCH CIRCUITS THRU PHOTO CELL CONTROLLED CONTACTOR LOCATED IN ELECTRICAL ROOM. SEE 6B/91-01. ALSO BRANCH CIRCUIT WILL BE CONTROLLED BY PROGRAMMABLE TIME CONTROLLER SEE 13A/91-01
- SWITCH : DIMMER 1500 MAX INCANDESCENT CAPACITY 120 VOLT M.H. 4'-0" A.F.F.



12R TYPICAL DETAIL WARNING SIGNAL SYSTEM
NO SCALE

PRIOR TO DRILLING OR SHOOTING INTO PRECAST CONCRETE, COORDINATE LOCATIONS TO AVOID CONTACT WITH PRESTRESSING STRANDS. DAMAGE TO THE STRANDS MAY RESULT IN STRUCTURAL FAILURE.

PEARL STREET GARAGE
UNIVERSITY of MARYLAND at BALTIMORE, MARYLAND 21201
UMAB project no. 85 304 A

Approvals

Director of Physical Plant

Project Architect

Department of General Services, Project Administrator

Director of Engineering and Construction

No.	Date	Item	No.	Date	Item
1	4-15-88	ADDED & REARRANGED LTG. IN BAY 1 AND 2			
2	4-21-88	ADDENDUM Nº 1			

REVISIONS

Seal: Registered Professional Engineer 2472 State of Maryland

Drawn MAO | Checked GJB | Approved LAR

J. VINTON SCHAFER & SONS, INC. GENERAL CONTRACTORS
11150 Pulaski Highway - White Marsh, MD 21162

RTKL ASSOCIATES INC.
400 East Pratt Street
Baltimore Maryland 21202

Title: SECOND LEVEL PLANS ELECTRICAL

Contr.No.	8527800
Scale	AS NOTED
Date	7/25/86
Last Rev.	12-17-86

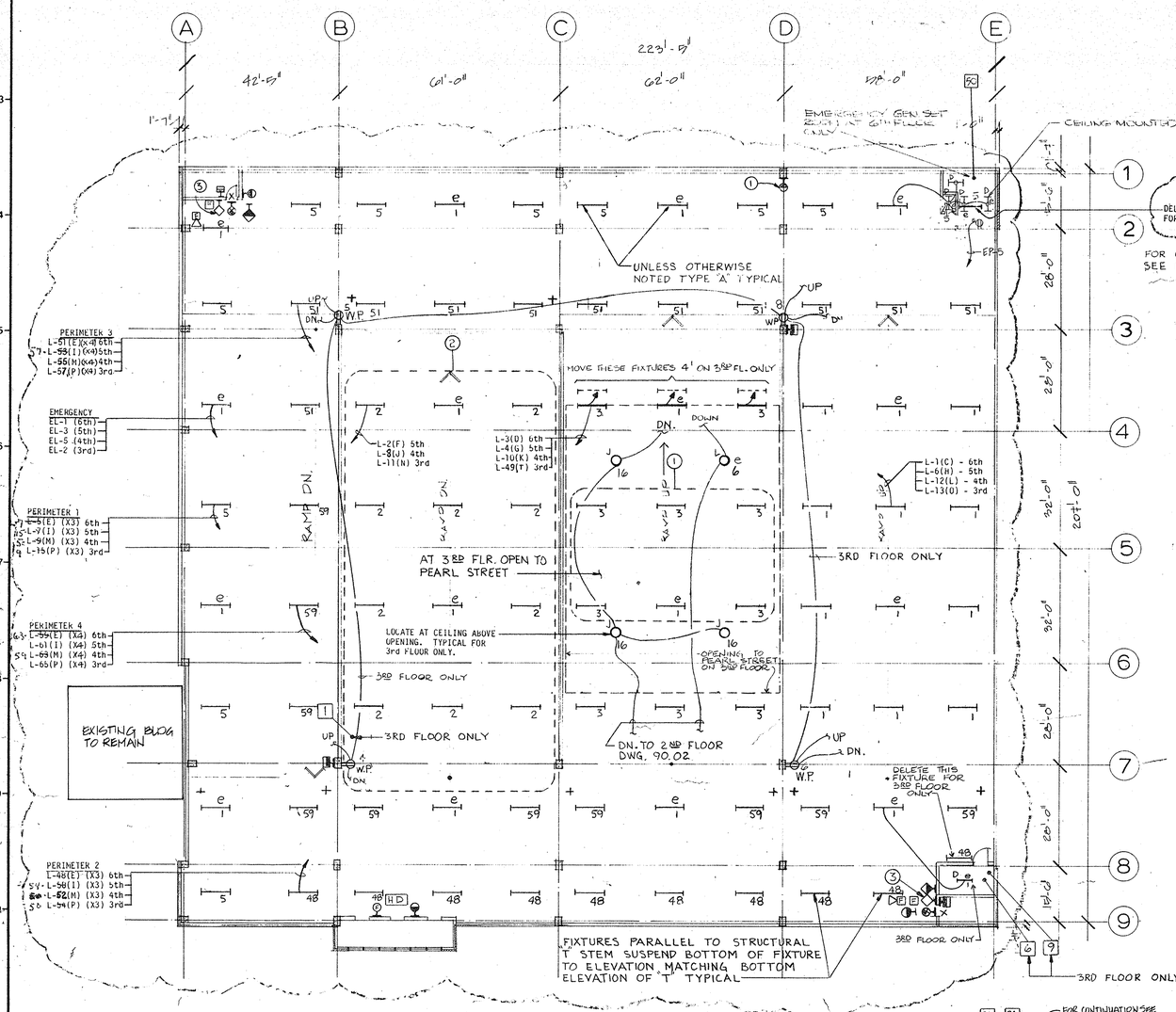
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10/18/87

RTKL DWG FORM NO. 14A D-5805 B

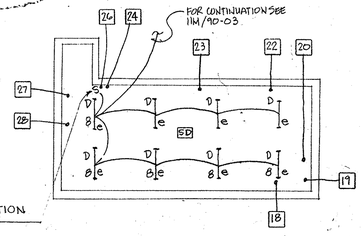
DRAWING NOTES

1. OMIT THESE AT 3RD FLOOR
2. OMIT THESE AT 6TH FLOOR
3. OMIT THESE AT 3RD, 5TH & 6TH FLOORS



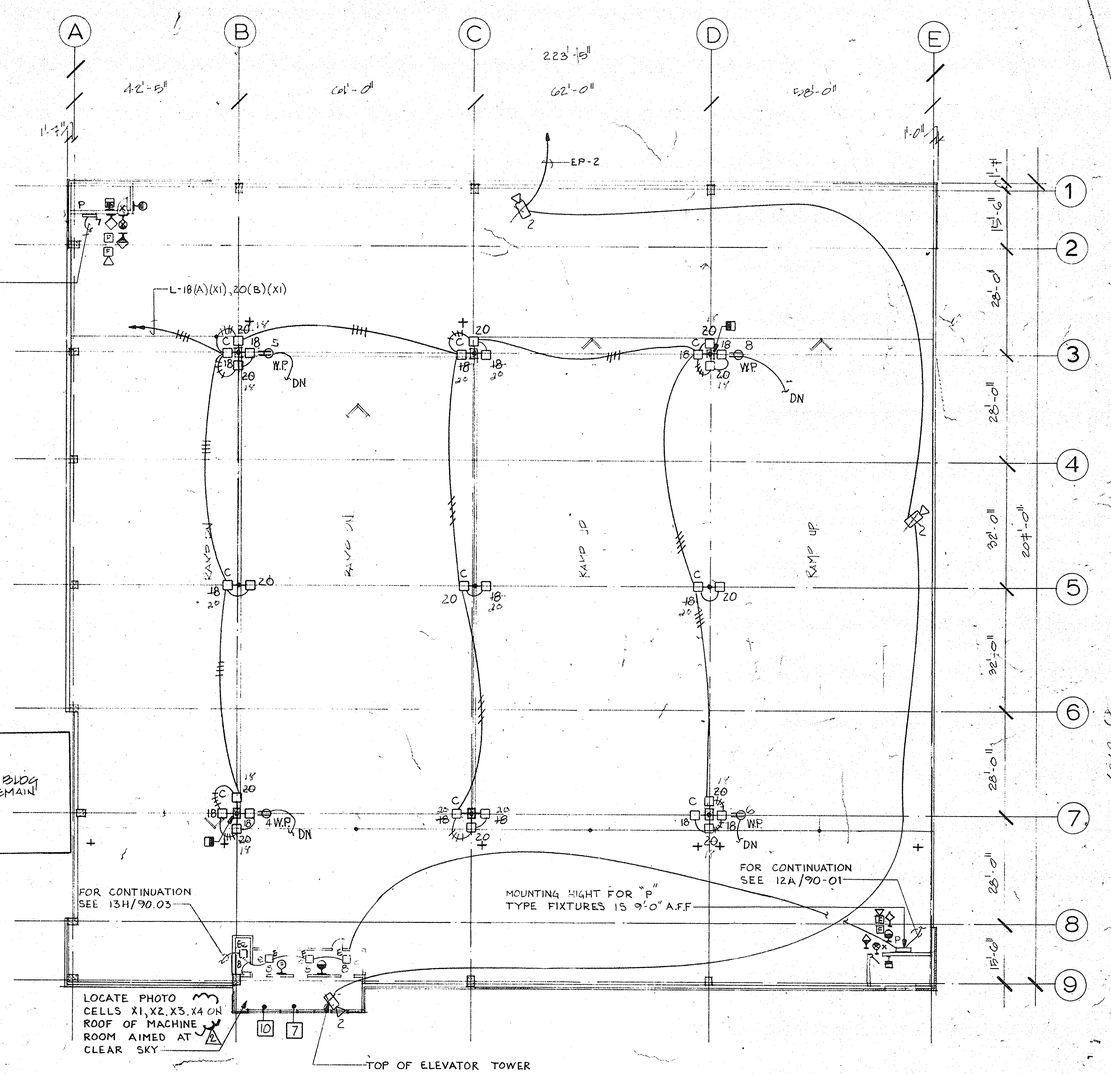
11B TYPICAL PARKING LEVELS-3RD, 4TH, 5TH & 6TH

SCALE: 1/16" = 1'-0"



13H ELEVATOR MACHINE ROOM

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



11M ROOF PARKING LEVEL

SCALE: 1/16" = 1'-0"

RECORD DRAWING
DATE: June 9, 1987

PRIOR TO DRILLING OR SHOOTING INTO PRECAST CONCRETE, COORDINATE LOCATIONS TO AVOID CONTACT WITH PRESTRESSING STRANDS. DAMAGE TO THE STRANDS MAY RESULT IN STRUCTURAL FAILURE

PEARL STREET GARAGE

UNIVERSITY of MARYLAND at BALTIMORE, MARYLAND 21201

UMAB project no. 85 304 A

Approvals

Director of Physical Plant

Department of General Services, Project Administrator

Project Architect

Director of Engineering and Construction

No.	Date	Item	No.	Date	Item
1	4-14-87	ADDED 1 REARRANGED LTG. IN GARAGE PARKING AREA			
2	12-17-86	ADDITIONAL MNS			

REVISIONS

Seal: LEO A. RATTERMAN, 2472, PROFESSIONAL ENGINEER, STATE OF MARYLAND

Drawn: MAO | Checked: GJB | Approved: LAR

J. VINTON SCHAFER & SONS, INC. GENERAL CONTRACTORS, 11150 Pulaski Highway-White Marsh, MD 21162

RTKL ASSOCIATES INC. 400 East Pratt Street Baltimore Maryland 21202

Title: TYPICAL 3RD, 4TH, 5TH, 6TH & ROOF PLANS ELECTRICAL

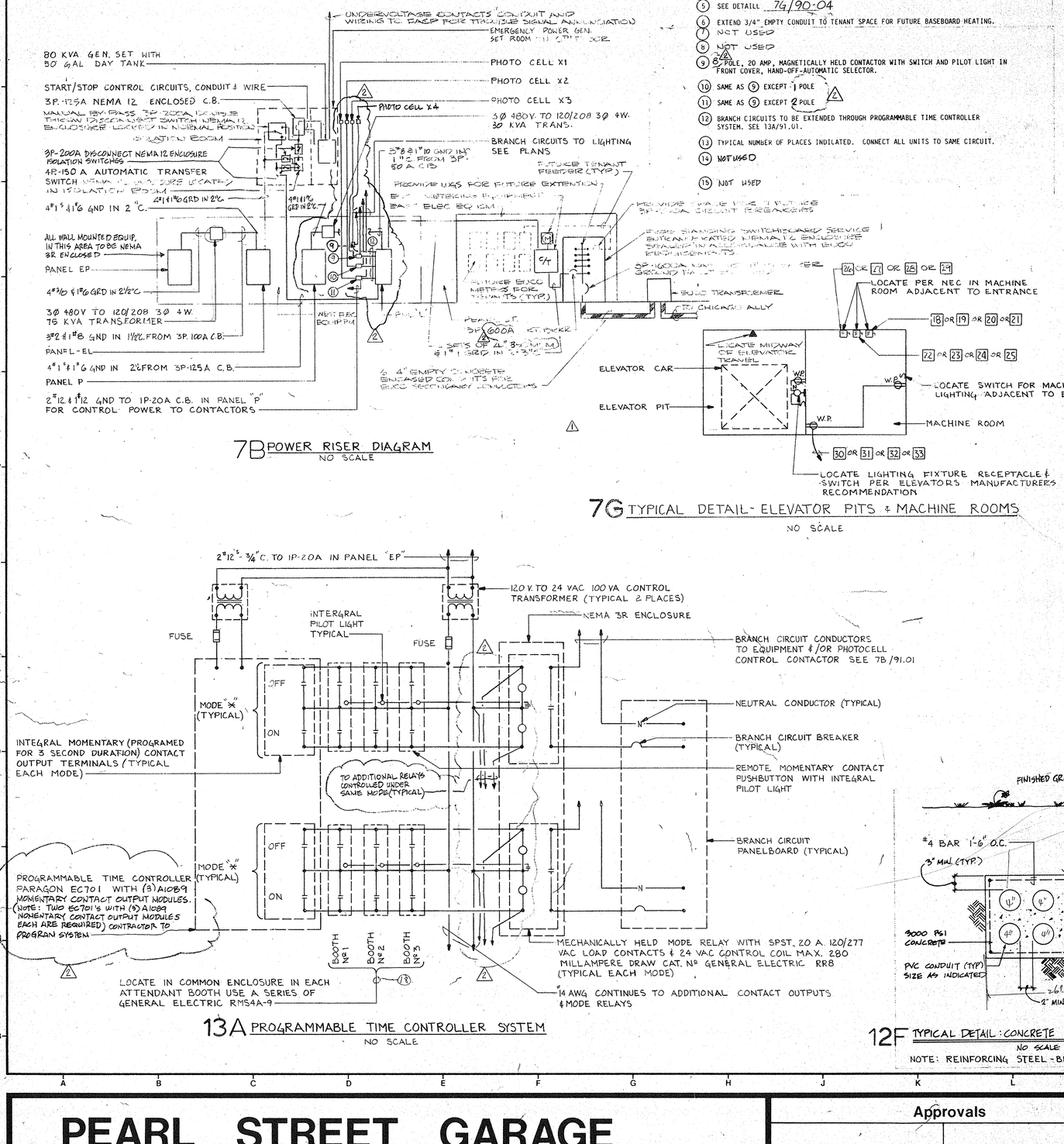
Contr. No.	8527800
Scale	AS NOTED
Date	7/25/86
Last Rev.	12-17-86

90 03

RTKL DWG FORM NO 14A D-5805 B

DRAWING NOTES

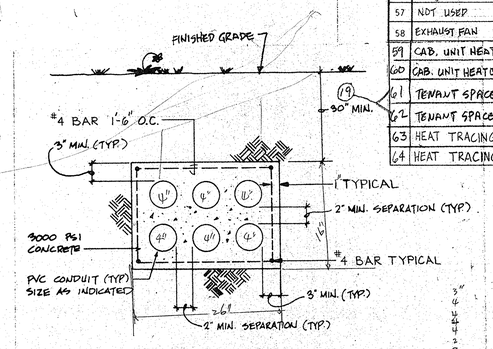
1. FRACTIONAL HORSEPOWER THERMAL MANUAL MOTOR STARTING SWITCH WITH SINGLE OVERLOAD AND PILOT LIGHT.
2. 1/2 HP COND FAN, 8.2 KW COMPRESSOR.
3. 1-1/2 HP FAN, 5.2 KW HEATER
4. INCLUDE INSTALLATION OF RAISE/LOWER SWITCHES WITH ASSOCIATES CONDUIT AND WIRING.
5. SEE DETAIL 7G/90-04
6. EXTEND 3/4" EMPTY CONDUIT TO TENANT SPACE FOR FUTURE BASEBOARD HEATING.
7. NOT USED
8. NOT USED
9. 2 POLE, 20 AMP, MAGNETICALLY HELD CONTACTOR WITH SWITCH AND PILOT LIGHT IN FRONT COVER, HAND-OFF-AUTOMATIC SELECTOR.
10. SAME AS (9) EXCEPT 1 POLE
11. SAME AS (9) EXCEPT 2 POLE
12. BRANCH CIRCUITS TO BE EXTENDED THROUGH PROGRAMMABLE TIME CONTROLLER SYSTEM. SEE 13A/91.01.
13. TYPICAL NUMBER OF PLACES INDICATED. CONNECT ALL UNITS TO SAME CIRCUIT.
14. NOT USED
15. NOT USED
16. SEE DETAIL 7G/91.01.
17. EXTEND SAME SIZE CONDUIT AND WIRING TO EQUIPMENT TERMINAL
18. Low Voltage Switches only in Booth # 2
19. Delete



7B POWER RISER DIAGRAM
NO SCALE

7G TYPICAL DETAIL- ELEVATOR PITS & MACHINE ROOMS
NO SCALE

13A PROGRAMMABLE TIME CONTROLLER SYSTEM
NO SCALE



12F TYPICAL DETAIL: CONCRETE ENCASED DUCTBANK
NO SCALE
NOTE: REINFORCING STEEL - BELOW ROADWAY ONLY

SCHEDULE OF STARTERS AND DISCONNECTS

No	EQUIPMENT SERVED	H.P.	LOCATION	MOUNTING	SERVICE Ø	SERVICE VOLTS	DISCONNECT P	DISCONNECT SWITCH	DISCONNECT FUSE	WIRING No	WIRING SIZE	WIRING C.	STARTERS SIZE	STARTERS AUX.	ENCL	BRANCH CIRCUIT FROM	BRANCH CIRCUIT P.	BRANCH CIRCUIT C.B.	REMARKS
1	HP-1 OUTDOOR UNIT HEAT PUMP	-	AT UNIT	ON UNIT	3	480	3	60	40	3A	10 AWG	3/4	-	-	3R	L	3	40	(2)
2	AHU-1 INDOOR UNIT AIR HANDLER UNIT	-	AT UNIT	ON UNIT	3	480	3	30	15	3/1	12/12	3/4	-	-	12	L	3	15	(3)
3	ELEC. HEATER 9.8 KW	-	AT UNIT	ON UNIT	3	480	3	30	15	3/1	12/12	3/4	-	-	12	L	3	15	
4	EF-1 EXHAUST FAN .13 KW	-	AT UNIT	WALL 5'-6"	1	120	(1)	(1)	-	2A	12/12	3A	(1)	(1)	12	P	1	20	
5	EF-2 EXHAUST FAN	1/8	AT UNIT	WALL 5'-6"	1	120	(1)	(1)	-	2A	12/12	3A	(1)	(1)	12	P	1	20	
6	EF-3 EXHAUST FAN	1/8	AT UNIT	WALL 5'-6"	1	120	(1)	(1)	-	2/1	12/12	3A	(1)	(1)	12	P	1	20	
7	EF-4 EXHAUST FAN	1/2	AT UNIT	WALL 5'-6"	1	120	(1)	(1)	-	2A	12/12	3A	(1)	(1)	12	P	1	20	
8	UH-1 UNIT HEATER 10 KW	-	AT UNIT	ON UNIT	3	277/480	3	30	6	4A	12/12	3/4	-	-	12	L	3	15	
9	SH-2 UNIT HEATER 1.0 KW	-	AT UNIT	WALL 5'-0" A.F.F.	1	208	2	30	6	2A	10/10	3A	-	-	12	P	2	15	
10	UH-1 UNIT HEATER 3.0 KW	-	AT UNIT	ON UNIT	3	277 480	3	30	6	4A	12/12	3/4	-	-	12	L	3	15	
11	EWH-1 ELECTRIC WATER HEATER 1.5 KW	-	-	-	1	277	-	-	-	2A	12/12	3A	-	-	-	L	1	20	
12	EWH-1 ELECTRIC WATER HEATER .5 KW	-	-	-	1	277	-	-	-	2A	12/12	3A	-	-	-	L	1	20	
13	EWH-1 ELECTRIC WATER HEATER 1.5 KW	-	-	-	1	277	-	-	-	2A	12/12	3A	-	-	-	L	1	20	
14	FTR-1 FIN TUBE RADIATION 7.0 KW	-	-	-	1	277	-	-	-	2A	8/8	3A	-	-	-	L	1	40	
15	ROLL UP DOOR	1/2	AT UNIT	IN UNIT	3	208	3	30	-	3A	12/12	3A	-	-	12	EP	1	20	(4)
16	ROLL UP DOOR	1/2	AT UNIT	IN UNIT	1	120	1	30	-	2A	12/12	3A	-	-	12	EP	1	20	(4)
17	WATER HEATER 9.0 KW	-	AT UNIT	WALL [illegible]	1	208	-	30	20	2A	12/12	3A	-	-	12	EP	1	20	
18	ELEVATOR 51.0 FLA MAX	23	(5)	(5)	3	480	-	100	100	3A	4/0	1 1/4	-	-	12	L	3	150	
19	ELEVATOR 51.0 FLA MAX	23	(5)	(5)	3	480	-	100	100	3A	4/0	1 1/4	-	-	12	L	3	150	
20	ELEVATOR 51.0 FLA MAX	23	(5)	(5)	3	480	3	100	100	3A	4/0	1 1/4	-	-	12	L	3	150	
21	ELEVATOR 38.0 FLA MAX	30	(5)	(5)	3	480	3	100	80	3A	8/8	1	-	-	12	L	3	100	
22	ELEVATOR CAR LIGHTING	-	(5)	(5)	1	120	-	30	20	2A	12/12	3/4	-	-	12	EP	1	20	
23	ELEVATOR CAR LIGHTING	-	(5)	(5)	1	120	-	30	20	2A	12/12	3/4	-	-	12	EP	1	20	
24	ELEVATOR CAR LIGHTING	-	(5)	(5)	1	120	2	30	20	2A	12/12	3/4	-	-	12	EP	1	20	
25	ELEVATOR CAR LIGHTING	-	(5)	(5)	1	120	2	30	20	2A	12/12	3/4	-	-	12	EP	1	20	
26	ELEVATOR SIGNAL	-	(5)	(5)	1	120	2	30	15	2A	12/12	3/4	-	-	12	EP	1	20	
27	ELEVATOR SIGNAL	-	(5)	(5)	1	120	2	30	15	2A	12/12	3A	-	-	12	EP	1	20	
28	ELEVATOR SIGNAL	-	(5)	(5)	1	120	2	30	15	2A	12 A2	3A	-	-	12	EP	1	20	
29	ELEVATOR SIGNAL	-	(5)	(5)	1	120	2	30	15	2A	12 A2	3A	-	-	12	EP	1	20	
30	ELEVATOR PIT	-	(5)	(5)	1	120	-	-	-	2A	12 A2	3/4	-	-	-	EP	1	20	
31	ELEVATOR PIT	-	(5)	(5)	1	120	-	-	-	2A	12 A2	3A	-	-	-	EP	1	20	
32	ELEVATOR PIT	-	(5)	(5)	1	120	-	-	-	2A	12/12	3A	-	-	-	EP	1	20	
33	ELEVATOR PIT	-	(5)	(5)	1	120	-	-	-	2A	12 A2	3A	-	-	-	EP	1	20	
34	FTR (FUTURE)	-	-	-	-	-	-	-	-	-	-	3A	-	-	-	-	-	-	(6)
35	TRAFFIC BOOTH	-	-	-	2	120/208	-	-	-	3A	2/8	1	-	-	-	EP	2	100	
36	TRAFFIC BOOTH	-	-	-	2	120/208	-	-	-	3A	2/8	1	-	-	-	EP	2	100	
37	TRAFFIC BOOTH	-	-	-	2	120/208	-	-	-	3A	2/8	1	-	-	-	EP	2	100	
38	CASH REGISTER	-	-	-	1	120	-	-	-	2A	12 A2	3A	-	-	-	EP	1	30	
39	CASH REGISTER	-	-	-	1	120	-	-	-	2A	12 A2	3A	-	-	-	EP	1	30	
40	CASH REGISTER	-	-	-	1	120	-	-	-	2A	12 A2	3/4	-	-	-	EP	1	30	
41	CARD READER	-	-	-	1	120	-	-	-	2A	12/12	3A	-	-	-	EP	1	20	
42	CARD READER	-	-	-	1	120	-	-	-	2A	12/12	3/4	-	-	-	EP	1	20	
43	CARD READER	-	-	-	1	120	-	-	-	2A	12/12	3A	-	-	-	EP	1	20	
44	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
45		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
46		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
47		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
48		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
49	SUMP PUMP	1	AT UNIT	WALL 5'-0" A.F.F.	3	460	3	30	3	3	12	3/4	-	-	3R	L	3	15	
50	UNIT HEATER 3.0 KW	-	AT UNIT	ON UNIT	3	277/480	3	30	6	4	12	3/4	-	-	12	L	3	15	
51	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
52	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
53	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
54	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
55	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
56	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
57	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
58	EXHAUST FAN	-	AT UNIT	WALL 5'-0" A.F.F.	1	120	(1)	(1)	-	3/1	12/12	3/4	(1)	(1)	12	P	1	20	
59	CAB. UNIT HEATER 3.0KW	-	-	-	3	277/480	-	-	-	4/1	12/12	3/4	-	-	-	L	3	15	
60	CAB. UNIT HEATER 3.0KW	-	-	-	3	277/480	-	-	-	4/1	12/12	3/4	-	-	-	L	3	15	
61	TENANT SPACE (FUTURE)	-	-	-	-	-	-	-	-	-	-	2"	-	-	-	L	3	400A SPACE	EMPTY CONDUIT ONLY
62	TENANT SPACE (FUTURE)	-	-	-	-	-	-	-	-	-	-	2"	-	-	-	L	3	200A SPACE	EMPTY CONDUIT ONLY
63	HEAT TRACING	-	-	-	1	120	-	-	-	2/1	12/12	3/4	-	-	-	P	1	20	FED FROM SAME CIRCUIT (11)
64	HEAT TRACING	-	-	-	1	120	-	-	-	-	-	-	-	-	-	-	-	-	

RECORD DRAWING
DATE: 27 May 91/258

SCHEDULE OF PANELBOARDS

PNL. No	ACTIVE BRANCH CIRCUIT BREAKERS	C.B. SPARES	SPACES	MAINS LUGS	MAINS C.B.	MAINS Ø	MAINS WIRES	MAINS VOLTS	REMARKS
EP	28-1P-20A, 3-1P-30A, 3-2P100A	3-1P-20A	3-1P-20A	—	200	3	4	120/208	
EL	9-1P-20A, 1-3P-100A	3-1P-20A	3-1P-20A	200	—	3	4	277/480	
P	13-1P-20A, 1-2P-15A, 1-2P-30A, 1-2P-50A	6-1P-20A	6-1P-20A	—	125	3	4	120/208	
L	37-1P-20A, 3-3P-15A, 1-3P-20A, 1-1P-40A, 1-3P-40A, 1-3P-100A, 1-3P-125A, 3-3P-150A, 1-3P-50A	6-1P-20A	6-1P-20A	600	—	3	4	277/480	

PEARL STREET GARAGE
UNIVERSITY of MARYLAND at BALTIMORE, MARYLAND 21201
UMAB project no. 85 304 A

Approvals
Director of Physical Plant
Project Architect
Department of General Services, Project Administrator
Director of Engineering and Construction

No.	Date	Item
1		GENERAL REVISION AS MARKED
2	12-17-86	ADDENDUM No 1

REVISIONS

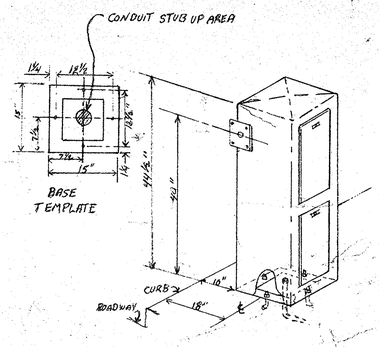
Seal: 2472 - PROFESSIONAL ENGINEER - STATE OF MARYLAND
Drawn MAO | Checked 4JB | Approved LAR

J. VINTON SCHAFER & SONS, INC. GENERAL CONTRACTORS
11150 Pulaski Highway · White Marsh, MD 21162

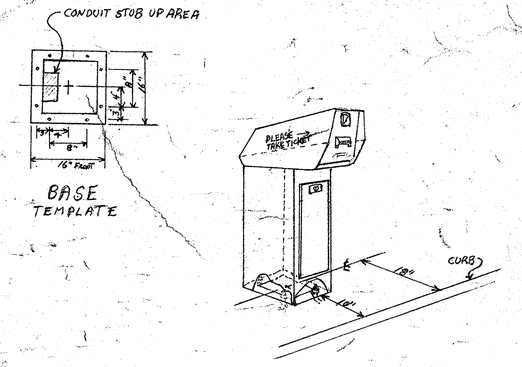
RTKL ASSOCIATES INC.
400 East Pratt Street
Baltimore Maryland 21202

Title: SCHEDULE AND DETAIL ELECTRICAL
Contr. No. 8527800
Scale AS NOTED
Date 7/25/86
Last Rev. 12-17-86
91/01

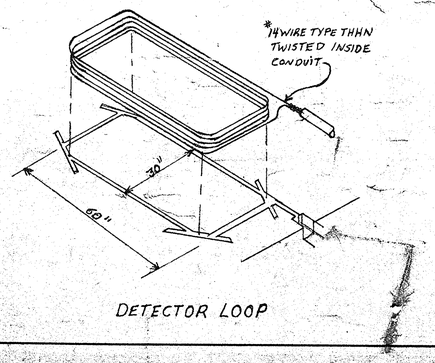
RTKL DWG FORM NO 14A D-5805 B



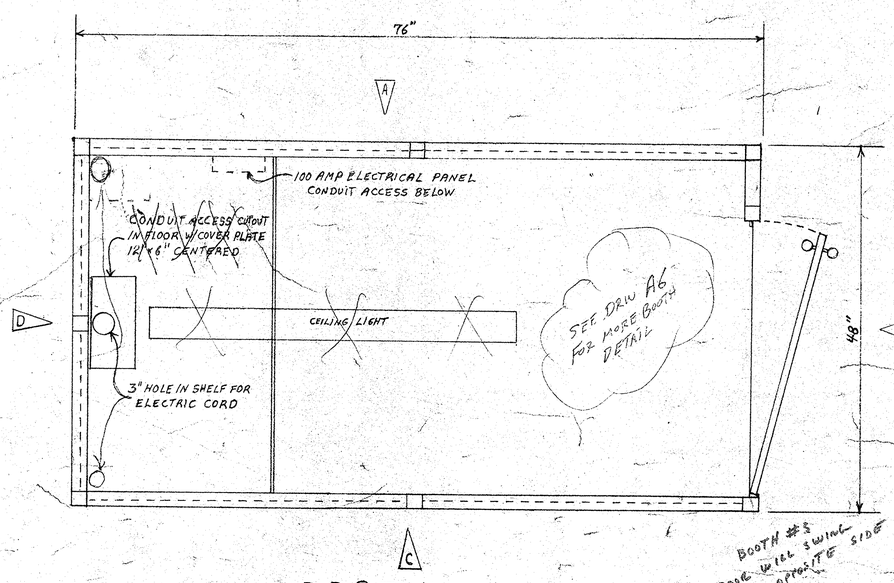
GATE



TICKET DISPENSER

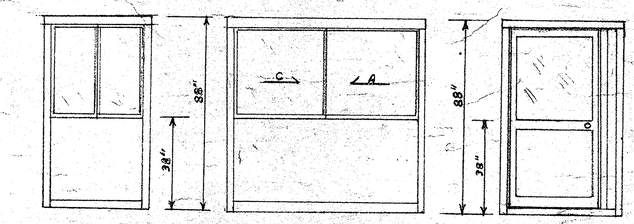


DETECTOR LOOP



BOOTH

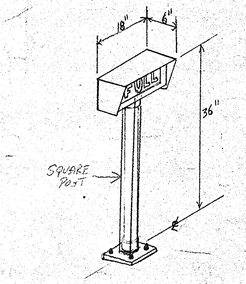
BULLETPROOF



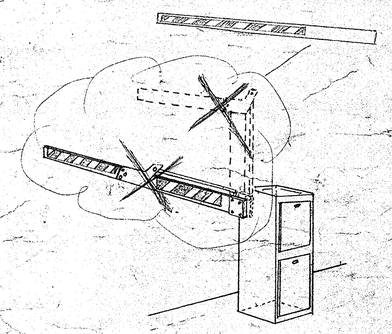
ELEVATION D

ELEVATION A C

ELEVATION B



LOT FULL SIGN



~~ARTICULATING~~ GATE ARM

APPROVED AS CORRECTED ( )
REVISE AND RESUBMIT ( )
NOT APPROVED ( )

CHECKING IS ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING TO BE CONFIRMED AND CORRELATED AT THE JOB SITE, ANY INFORMATION THAT PERTAINS SOLELY TO THE FABRICATION PROCESSES OF [illegible] WITH THE CONSTRUCTION AND FOR COORDINATION OF THE WORK OF ALL TRADES.

UNIVERSITY OF MARYLAND AT BALTIMORE
OFFICE OF FACILITIES MANAGEMENT

DATE 5/21/87 BY [illegible]

J. Vinton Schafer & Sons
RECORD DRAWING
DATE: May 2, 1988

PEARL ST. GARAGE	
SCALE:	APPROVED BY: / DRAWN BY: JE
DATE: 5-12-86	REVISED 5-87
AUTOMATIC DOOR SPECIALIST	
301-792-4090	DRAWING NUMBER A1

PRIOR TO DRILLING OR SHOOTING INTO PRECAST CONCRETE, COORDINATE LOCATIONS TO AVOID CONTACT WITH PRESTRESSING STRANDS. DAMAGE TO THE STRANDS MAY RESULT IN STRUCTURAL FAILURE.

PEARL STREET GARAGE

UNIVERSITY of MARYLAND at BALTIMORE, MARYLAND 21201

UMAB project no. 85 304 A

Approvals

Director of Physical Plant

Project Architect

Department of General Services, Project Administrator

Director of Engineering and Construction

No.	Date	Item	No.	Date	Item

REVISIONS

Seal

Drawn / Checked

Approved

J. VINTON SCHAFER & SONS, INC.
GENERAL CONTRACTORS
11150 Pulaski Highway, White Marsh, MD 21162

RTKL ASSOCIATES INC.
400 East Pratt Street
Baltimore Maryland 21202

Title: GATE, LOT SIGN & BOOTH DETAIL

Contr. No.	8527800
Scale	
Date:	7/25/86
Last Rev.	

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RTKL DWG FORM NO. 1143 D-3805 B

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