

44-38861-5586

ENTIRE FILE REVIEWED
FOR HISTORICAL
DECLASSIFICATION

BLUEPRINTS BY ARCHITECTS

FIRE STATION - MEMPHIS

LORRAINE MOTEL AREA

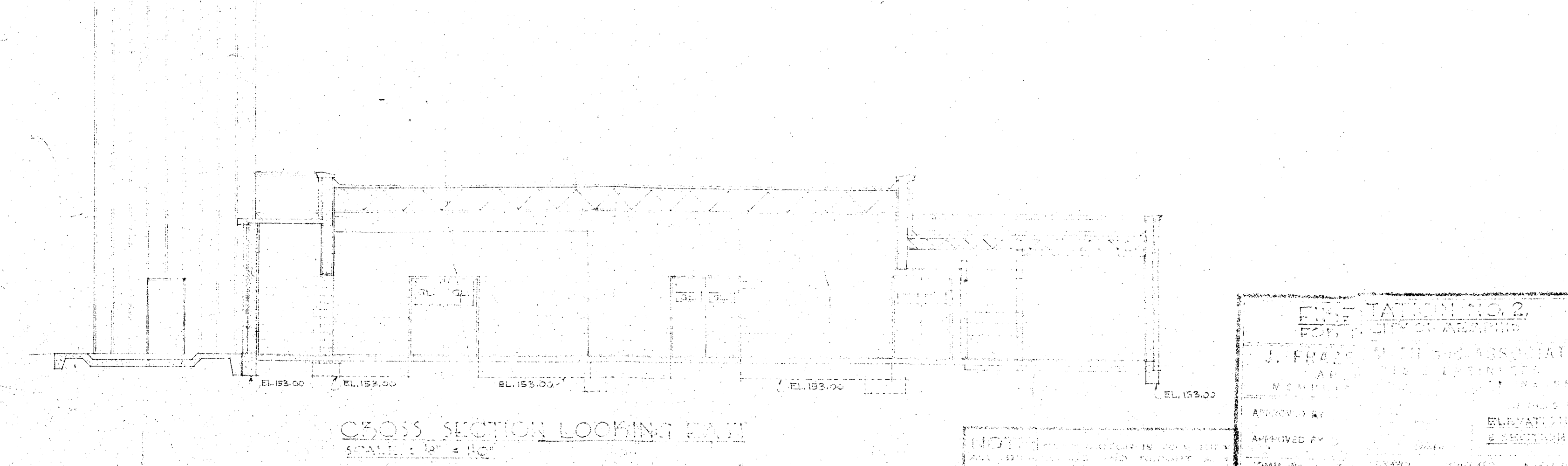
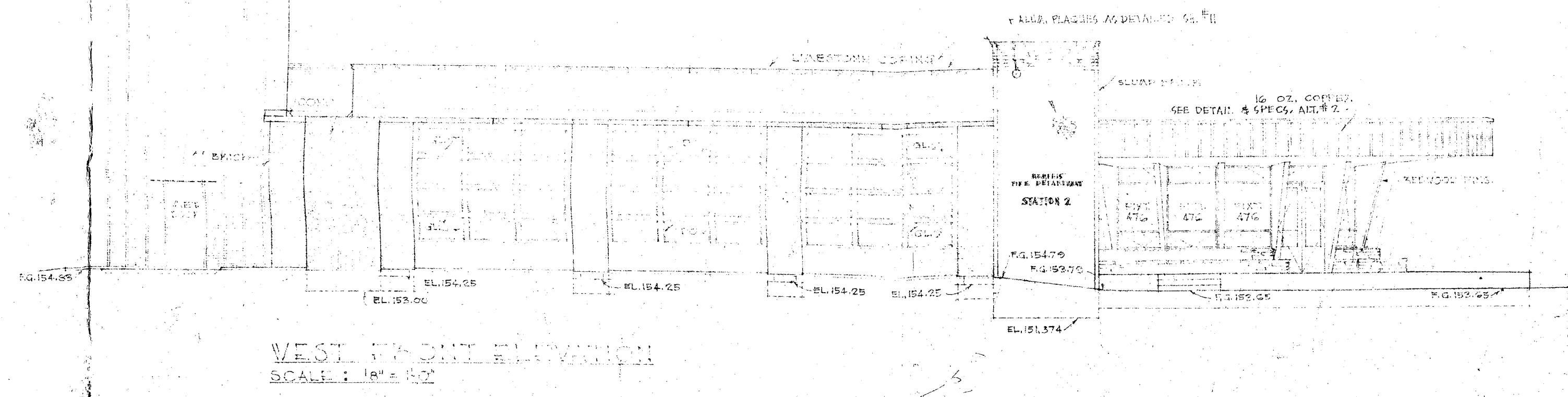
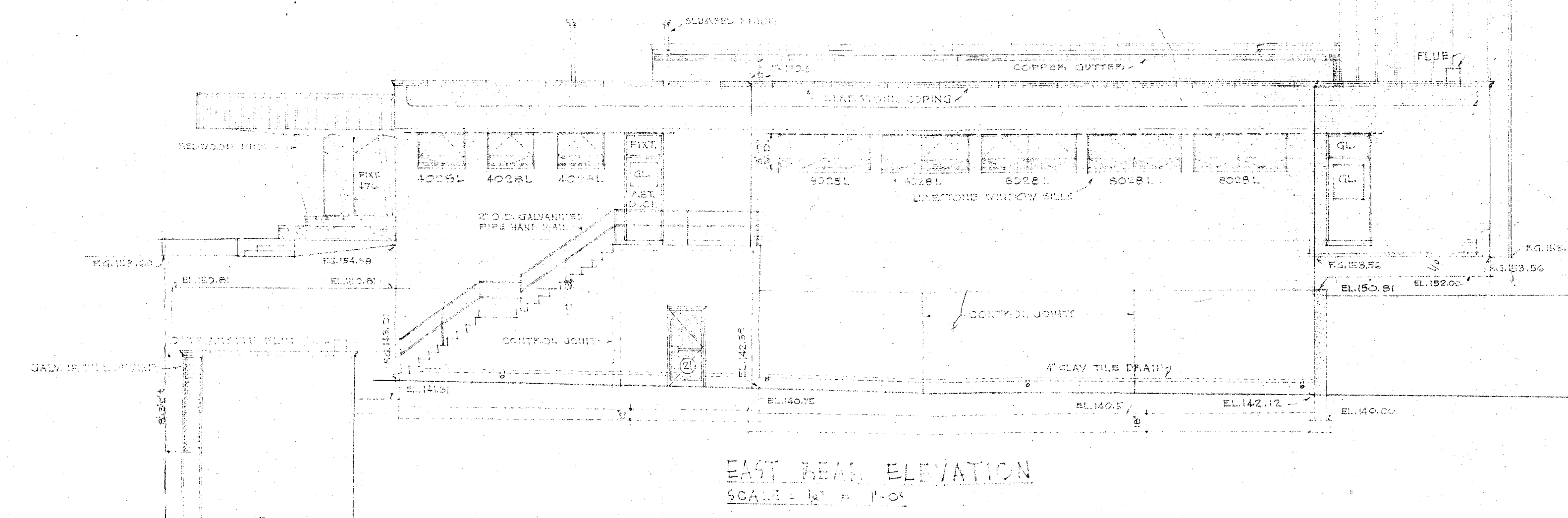
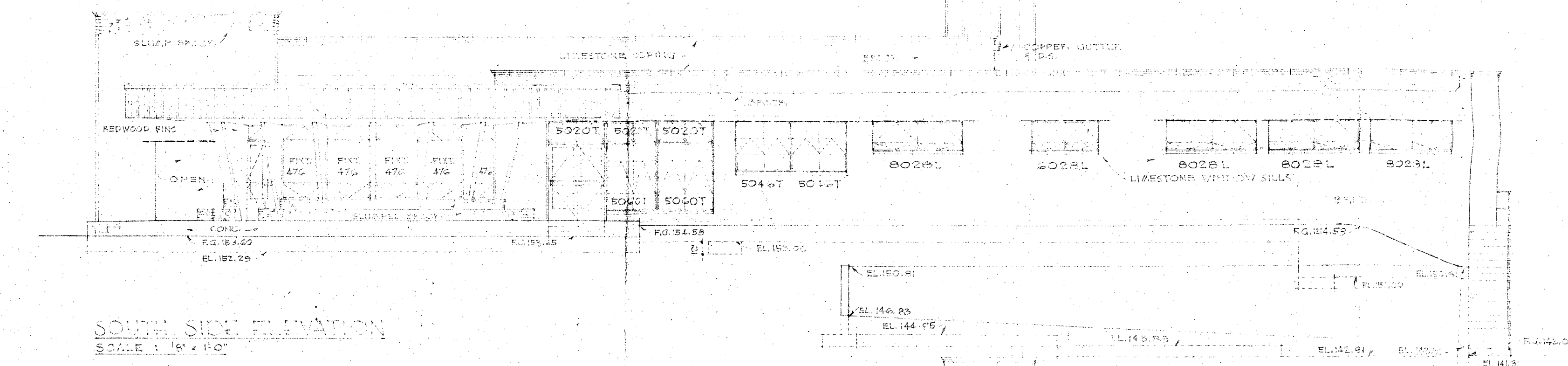
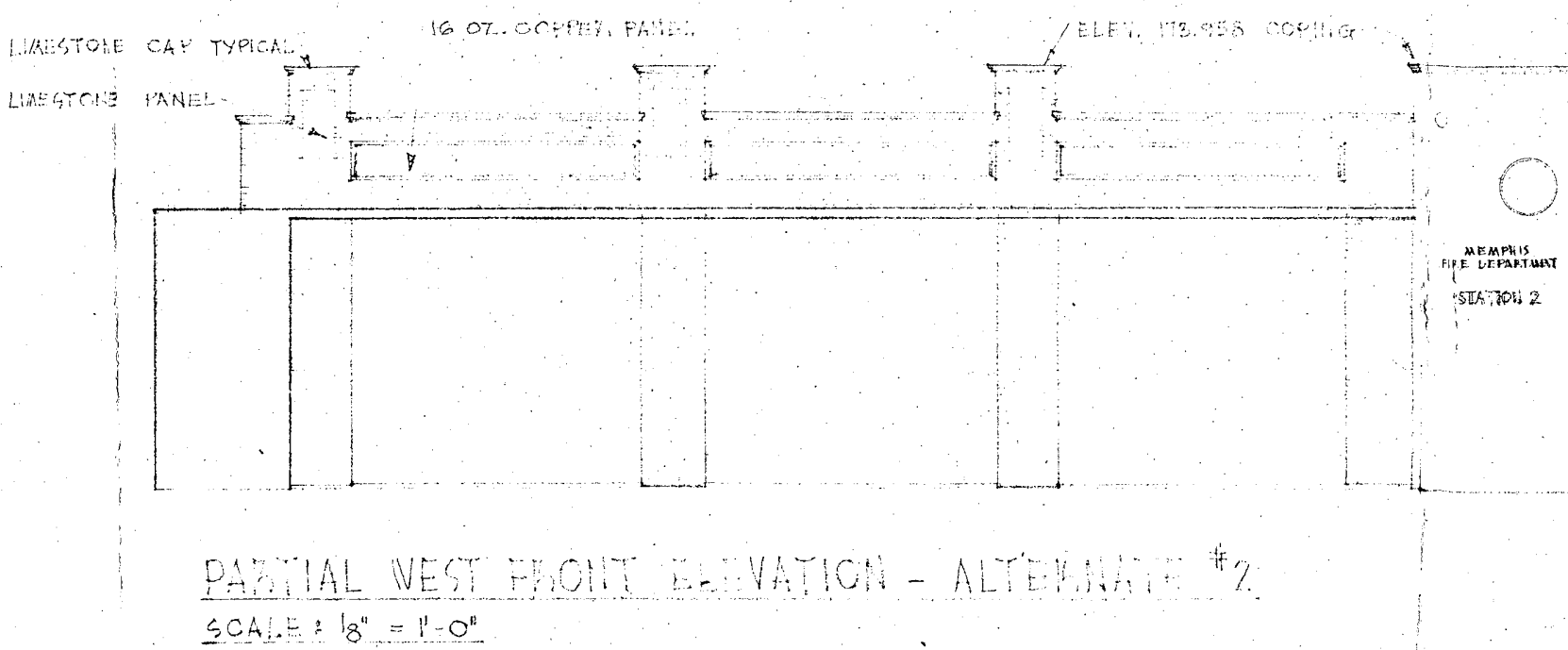
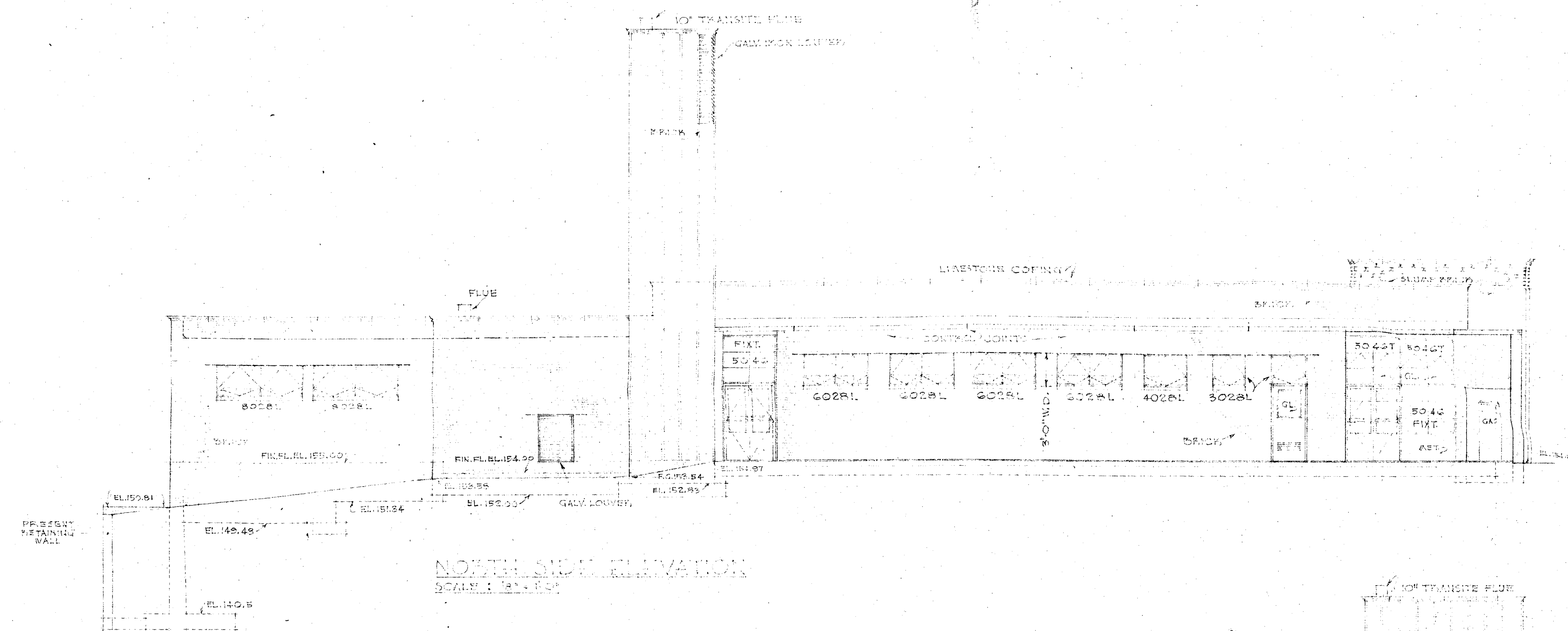
ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 10/22/01 BY SP1/clb/pdc

EVIDENCE

FEDERAL BUREAU OF
INVESTIGATION
WASHINGTON, D.C.

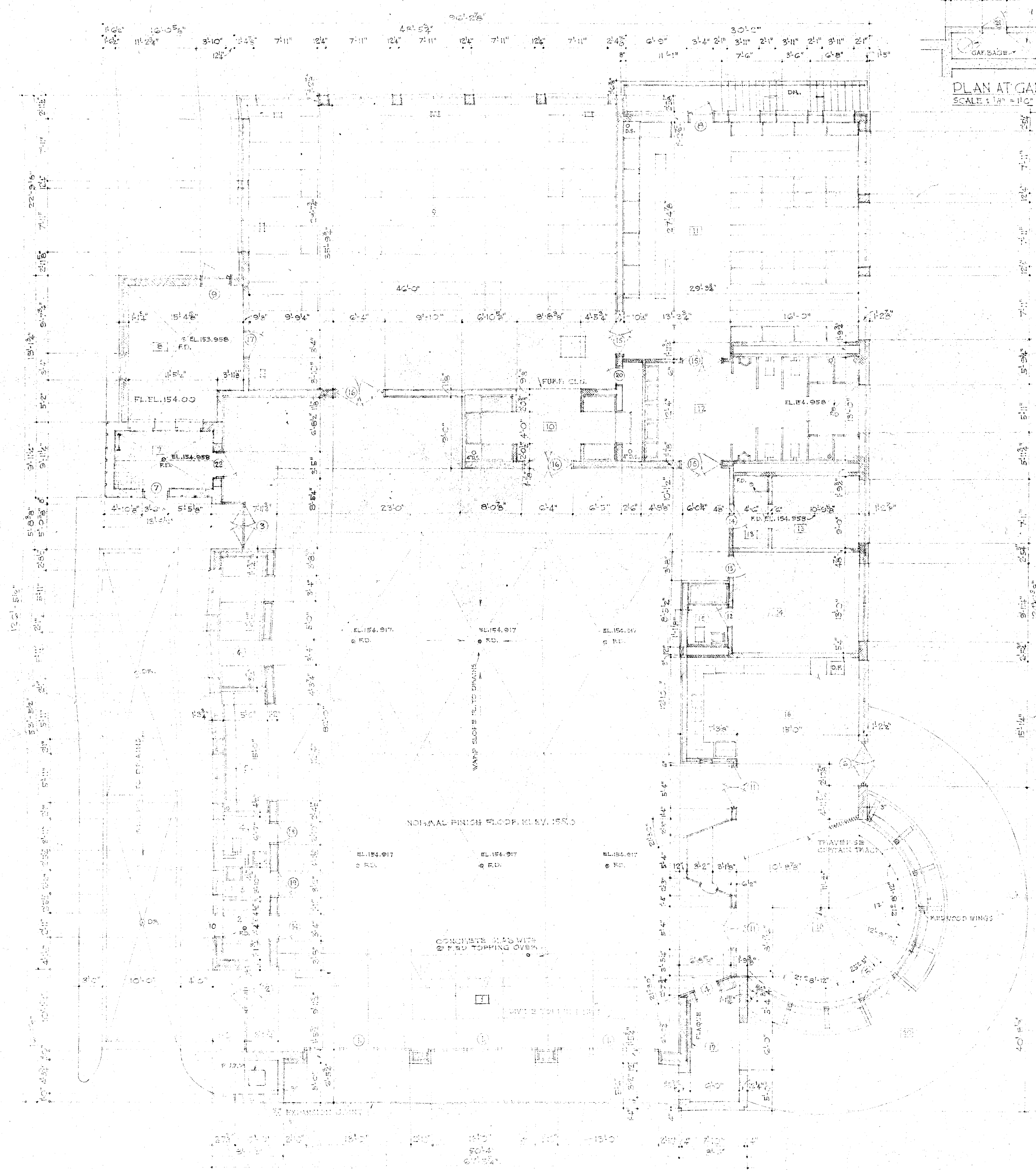
"Orange
Model"

2025 RELEASE UNDER E.O. 14176

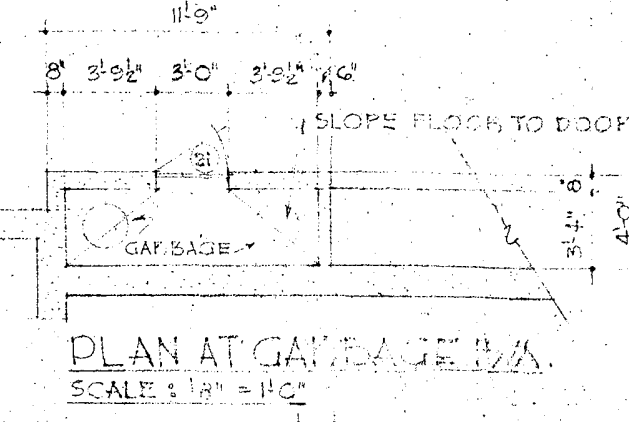


EAST TOWER NO. 2
 J. FRANK MATH & ASSOCIATES
 ARCHITECTS
 1000 15th St. N.W.
 Washington, D.C. 20004
 APPROVED BY: [Signature]
 DATE: 10/17/67
 SHEET NO. 4
 OF 4

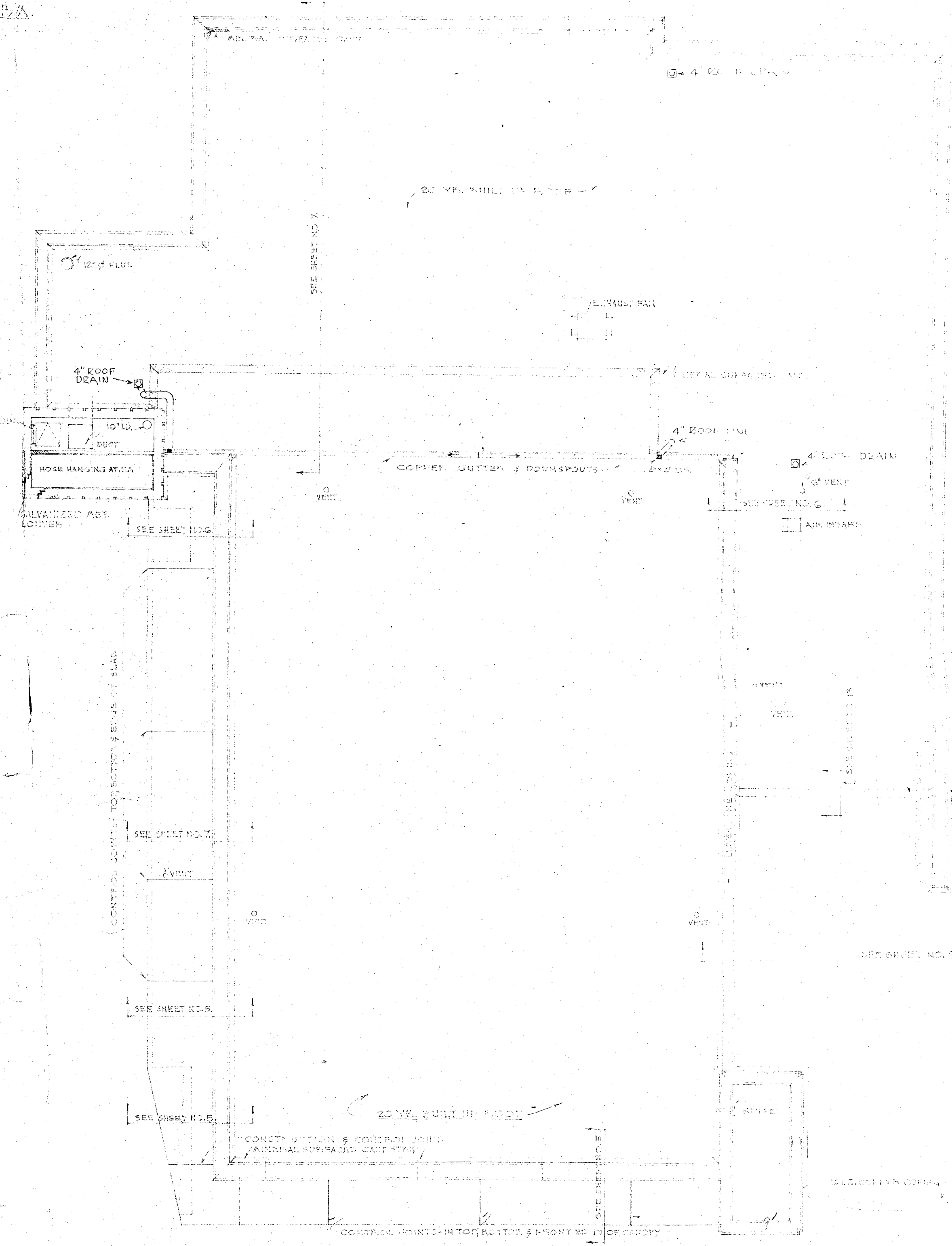
44-38861-5580



FLOOR PLAN
SCALE 1/8" = 1'-0"



PLAN AT GATEWAY 12A
SCALE 1/8" = 1'-0"



FLOOR PLAN
SCALE 1/8" = 1'-0"

THE CHARTERED J. FRANKLIN & ASSOCIATES ARCHITECTS & ENGINEERS 1000 RIVER STREET NEW YORK, N.Y. 10014	
APPROVED: <i>John J. Frank</i> J. FRANKLIN & ASSOCIATES	DRAWN BY: J. FRANKLIN & ASSOCIATES 1000 RIVER STREET NEW YORK, N.Y. 10014
NOTED: This drawing is to verify the construction of the building and is not to be used for construction purposes.	

MULBERRY STREET

SECTION A-A

SECTION B-B

SCALE 1" = 10'-0"

PIPE STATION NO. 2 FOR THE CITY OF MEMPHIS					
J. FRAZER SMITH, INC. ARCHITECTS MEMPHIS, TENNESSEE					
APPROVED BY: <i>[Signature]</i> DATE: 10/1/54			ON THIS SHEET SITE PLAN		
CONV. NO. 6145	DATE 10/1/54	DRAWN RHE	CHECKED BY	SHEET OF 17	NO. 2

STREET

32 1/4"

44-38861-5586

44-38861-5586



roadway
lighting

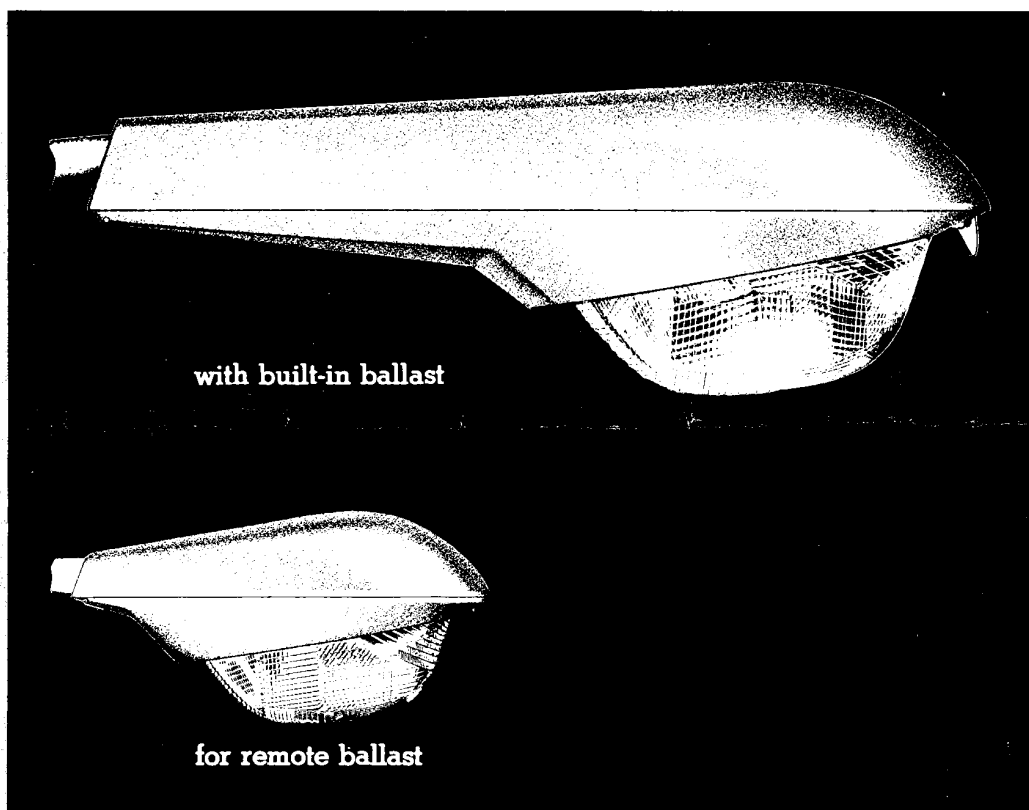
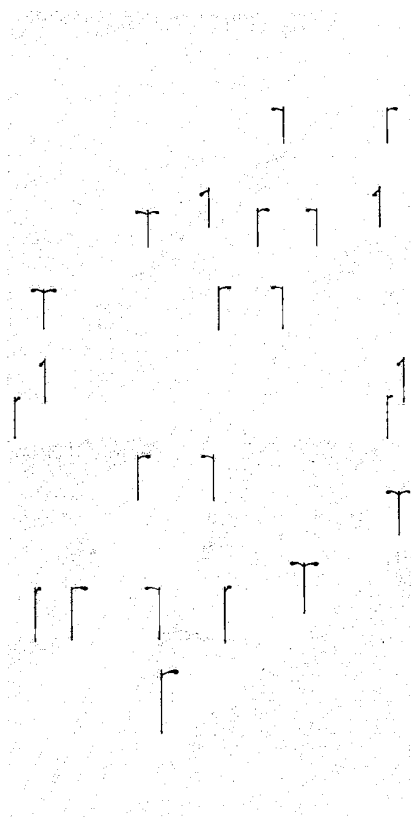
type OV-25
Silverliner luminaires

end mounting • 400-watt mercury lamps

descriptive
bulletin

60-155

page 1



Streamlined type OV-25 luminaire combines lasting beauty with maximum optical performance for all types of roadways and parking areas where higher levels of illumination are required.

The tilted optical system uses clear or color corrected 400-watt mercury lamps and conforms to the new IES-ASA type and distribution photometric patterns.

attractive appearance: Clean, modern lines give a smooth-flowing horizontal daytime appearance.

efficient: Completely sealed and tilted optical system directs more of the available light to the roadway. Reflector design minimizes trapping of light for greater and more even illumination.

durable: Both housing and refractor ring-ballast cover are one-piece die-castings and assure almost unlimited service life. New hard textured finish resists damage and weathering to maintain fine appearance.

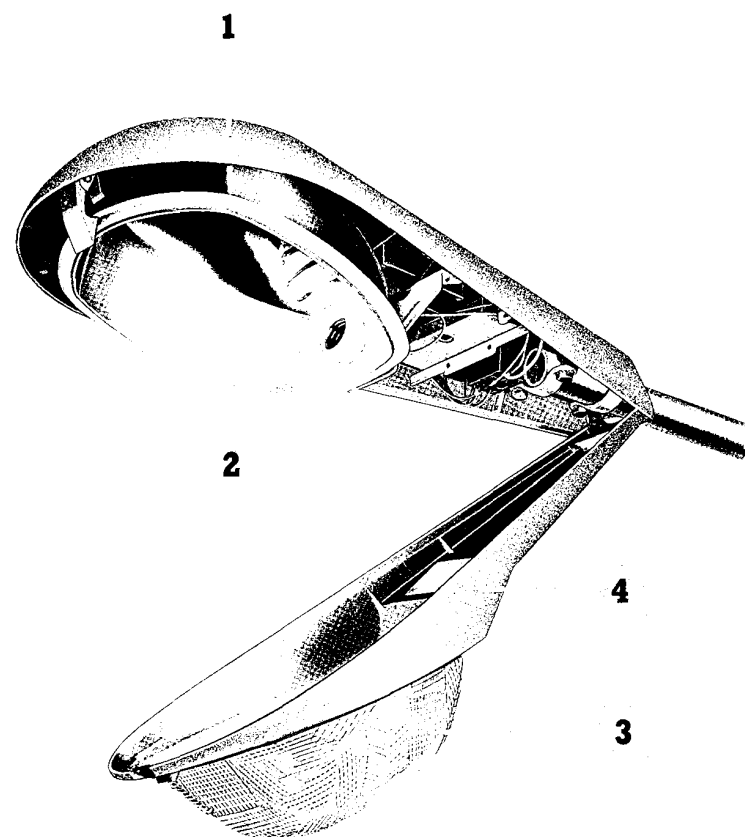
ADUR-BIL® ballast: Improved ballast performance and longer ballast life.

easy to maintain: The one-piece refractor ring-ballast cover hinges open from the rear of the luminaire for easy access to the optical system and ballast. All portions of the luminaire can be reached from one ladder position.



page 2

with built-in ballast or transformer



1 housing

A one-piece aluminum die-casting forms the upper half of the luminaire and makes possible the Silverliner's flowing style. The housing overlaps the refractor holding ring forming a tight weather-shield for the interior of the luminaire.

2 reflector

Specular Alzak® aluminum reflector for light control and durability. The lower edge is doubled back and flanged to minimize the trapping of light and to provide a positive gasket seat.

The reflector is easily removed by releasing the stainless steel spring-latch, but cannot accidentally disengage from the housing. Upon closing the luminaire, the refractor rim firmly seats against the gasket. It correctly positions itself in relation to the refractor and lamp for correct photometric performance.

3 refractor

An accurately molded system of light-controlling prisms provide the proper lateral spread and vertical elevation to the light from both the lamp and reflector. The refractor is made of heat resistant (borosilicate) glass.

The optical system of the OV-25 has been designed to conform to the new IES-ASA type and distribution photometric patterns.

4 refractor holding ring-ballast cover

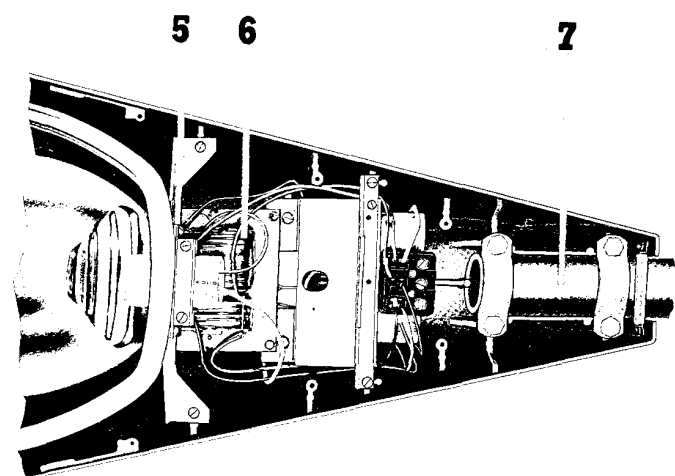
The holding ring-ballast cover is a one-piece aluminum die-casting that locks the reflector-refractor assembly into precise tilted optical alignment when closed. A single-action, quick-release, stainless steel latch permits easy removal of the glassware from the ring.

A positive locking thumb latch at the front of the holding ring provides a visual indication that the hinged door is in the locked position.

A stainless steel hinge and hinge pin allows easy removal of complete door assembly with a safety device which prevents accidental unhinging, yet requires no special action such as a button, tab or other means for normal removal and replacement. A stainless steel coil spring not only provides action of a safety catch but also acts as a guide in the replacement of the door assembly.

5 socket

A rugged, high grade porcelain enclosed socket is mounted in a die-cast U-shaped support bracket. This bracket allows the socket to be moved into 3 different axial positions (in and out) and 3 different vertical positions providing low, standard, and high beam angles (up and down). These socket positions permit the OV-25 to meet all of the requirements of the American Standard Practice for Roadway Lighting as sponsored by the Illuminating Engineering Society.



type OV-25 Silverliner luminaires

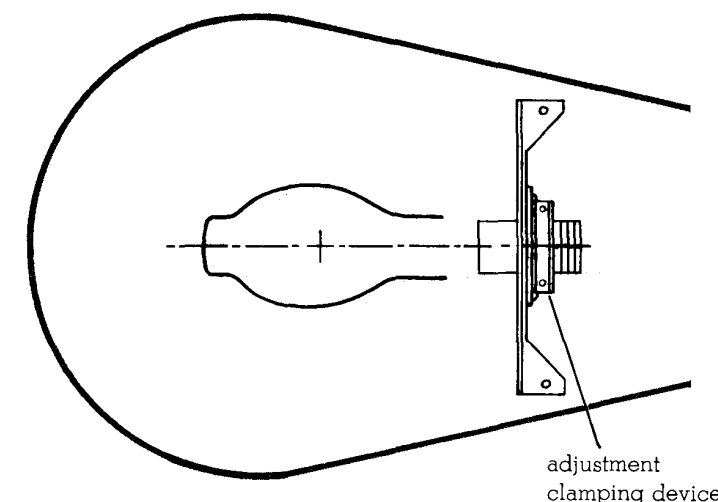
end mounting • 400-watt mercury lamps

descriptive
bulletin

60-155

page 3

3 axial adjustments



The socket is pre-wired to the ballast at the factory. Lamp grips hold the lamp securely. The center contact is spring-loaded for positive electrical contact.

completely sealed optical system

The Silverliner's reflector-refractor junction, as well as socket opening, is sealed for optimum maintained light on roadways. When the luminaire is closed, the gasket, fitted to the reflector flange, is firmly seated and compressed by the refractor rim. The socket opening is sealed with a heat-resistant fibre filtering gasket. No dirt, insects, or moisture can enter the optical system.

6 built-in ballast

Ballasts are available as follows:

- Dual range 115/230-volt regulated output—high power factor (voltage range is changed easily with two jumper leads)
- 208-volt regulated output—high power factor
- 265-volt regulated output—high power factor
- Dual range 230/460-volt regulated output—high power factor (voltage range is changed easily with two jumper leads)
- 240-volt reactor—high or normal power factor

Regulated output ballasts are two-winding type.

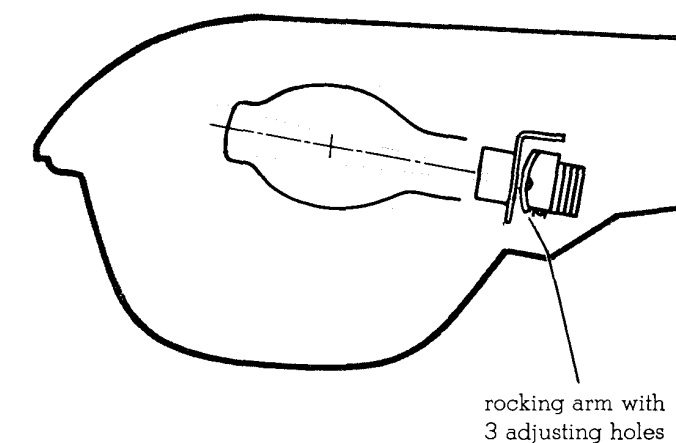
All core and coil assemblies have ADUR-BIL insulation. This insulation system features a nominal BIL of 15-kv and accepts a 45% voltage reduction before lamp dropout occurs. All ballasts are tested at 4000 volts to ground. These ballasts start Lifeguard® mercury lamps down to -20° F.

dual wattage

Regulated output type ballast with dual wattage output 250/400 watt is available upon request in any of the normal primary voltage range.

Ballasts are pre-wired using "fast-on" connectors. The terminal block has pressure, clamp-type terminals and is located near the bracket for easy wiring. As an added safety feature, all connections are "dead front."

3 vertical adjustments



built-in series transformer (not illustrated)

Luminaires are available to operate mercury lamps from a 6.6-amp or 20-amp series circuit. These are epoxy encapsulated ballasts which include both primary and secondary terminals. Ballasts are pre-wired using "fast-on" connectors.

The primary coil with 5000-volt insulation (tested at 19,000 volts) permits operation from constant current transformers up to and including 30-kw. The secondary coil is tested at 4000 volts.

Series circuit loading—Allow the following constant current transformer capacity per luminaire for proper operation:

400-watt lamps: 660 watts capacity at -20°F and above.

7 slipfitter

The integral slipfitter and pipe stop grasp a full 7/2-inch portion of the bracket for secure mounting and proper alignment. Davit poles, when used, must have a minimum 7/2-inch pipe tenon.

The slipfitter securely clamps the luminaire to a 2-inch pipe bracket. For 1 1/2-inch or 1 3/4-inch mounting, a seating wedge is provided. A vertical adjustment of ± 3 degrees is provided for leveling.

for remote ballast

With the exception of the shorter housing, type OV-25 luminaires for remote-mounted ballast have all the design features of the previously described units. Slipfitter is for 1 1/4-inch or 2-inch mounting.

Available at additional cost, are the following exclusive features:

- Lightning protection for all units with built-in ballast rated 265 volts and below.
- Single and double built-in holder and fuse for all units with built-in ballast.
- Internal grounding strap.

descriptive
bulletin

60-155

page 4



type OV-25
Silverliner luminaires

order by style number*

style number	ballast	net wt. lbs	photo-control voltage
1 1/4-inch mounting	2-inch mounting	type ④	voltage taps

with built-in ballast

656 A303 G01	656 A302 G01	reg output	115/230 ± 13%	46	
656 A303 G06	656 A302 G06	reg output	208 ± 13%	46	
656 A303 G11	656 A302 G11	reg output	230/460 ± 13%	46	
656 A303 G09	656 A302 G09	reg output	265 ± 13%	46	
656 A303 G19	656 A302 G19	reactor ▲	240 ± 5%	39	
656 A303 G16	656 A302 G16	reactor ●	240 ± 5%	40	

with built-in series transformer

656 A303 G24	656 A302 G24	series trans	6.6 amp	46	
656 A303 G25	656 A302 G25	series trans	20 amp	46	

with built-in ballast and locking type receptacle

656 A303 G04	656 A302 G04	reg output	115/230 ± 13%	46.5	120 or 240 v ①
656 A303 G05	656 A302 G05	reg output	115/230 ± 13%	46.5	120 v ②
656 A303 G14	656 A302 G14	reg output	230/460 ± 13%	46.5	230 v ③
656 A303 G20	656 A302 G20	reactor ▲	240 ± 5%	39.5	240 v ①
656 A303 G21	656 A302 G21	reactor ▲	240 ± 5%	39.5	120 v ②

for remote ballast

464 D700 G01	464 D700 G01			22	
--------------	--------------	-------	-------	----	------

for remote ballast and locking type receptacle

464 D700 G08	464 D700 G08			22.5	as required
--------------	--------------	-------	-------	------	-------------

* Style numbers shown are for a clear lamp giving a standard medium distribution type III cutoff.
For other types of distributions available consult chart below and order: Similar to S# except with distribution.

① Wired for two-wire input. For 115-volt range, use 120-volt photocontrol; for 230-volt range, use 240-volt photocontrol. A controlled auxiliary terminal is included.

② Includes a third terminal for a three-wire 120/240-volt input.

③ Includes a third terminal for a three-wire 240/480-volt input.

④ For complete ballast electrical data, see application data 60-160.

▲ Normal power factor.

● High power factor.

Luminaire does not include lamps; order separately. For remote ballasts, see descriptive bulletin 62-750.

for the 400-watt OV-25 luminaire

(X) indicates distributions available

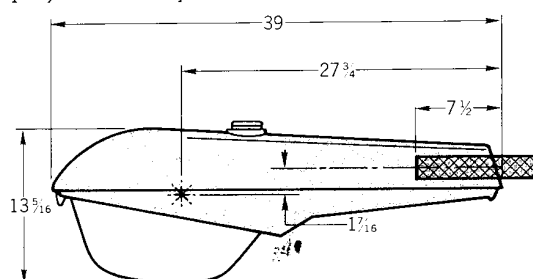
new IES-ASA type and distribution	clear lamp	high output color corrected lamp
short type I—cutoff	X	
short type II—semi-cutoff	X	
short type III—semi-cutoff	X	
short type IV—semi-cutoff		X
		standard unless otherwise specified
medium type I cutoff	X	
medium type II cutoff	X	
medium type III cutoff	standard unless otherwise specified	
	X	
medium type II semi-cutoff		X
medium type III semi-cutoff		X
medium type IV semi-cutoff		
long type III semi-cutoff	X	
long type IV semi-cutoff	X	

Westinghouse Electric Corporation
Lighting Division: Edgewater Park • Cleveland, Ohio

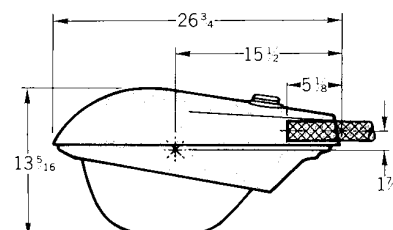
Litho in U.S.A.

in inches

with built-in ballast
proj. area 2.1 sq. ft.



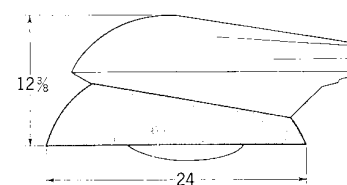
for remote ballast
proj. area 1.5 sq. ft.



order by style number

style number	description	net wt. lbs
464 D691 G09	reflector, with gasket and spring latch	1.5
632 C890 H02	reflector gasket, only	0.5
632 C903 G02	socket only, for built-in ballast units 400-watt	0.7
632 C903 G01	socket only, for remote ballast units 400-watt	0.7
632 C903 G08	socket only, for remote ballast units 250-watt IB	0.8
464 D336 H01	type II refractor	9.0
464 D336 H02	type III refractor	9.0
464 D350 G09	complete refractor holding ring EB	2.8
890 D600 G01	complete refractor holding ring IB	4.3
320 C760 G01	locking type receptacle shorting cap	0.3

cutoff visor



Cutoff visor, style no. 464 D636 G01. For use near airports, drive-in theatres, highway interchanges or other applications requiring positive cutoff, or low mounting height.

further information:

prices: see price list 60-120

photocontrol: see descriptive bulletin 60-857

Westinghouse reserves the right to change specifications and design without notice, and assumes no responsibility for making these modifications on any apparatus previously sold.

supersedes descriptive bulletin 60-155 dated January, 1962

mailed to: E/1167/DB; D/833/DB; C/471/RL