

24-28 CASCO STREET

SHAW-WALKER

Full cut # 0201 • Half cut # 0202H • TPO-1/2 cut # 0203H • Full cut # 0205H



APPLICATION FOR PERMIT

PERMIT ISSUED
Permit No. 2062

Class of Building or Type of Structure Third Class

Portland, Maine, December 27, 1928 DEC 28 1928

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to erect alter, repair, or alter the following building structure—equipment in accordance with the Laws of the State of Maine, the Building Code of the City of Portland, plans and specifications, if any, submitted herewith and the following specifications:

Location 26 Casco Street Within Fire Limits? yes Dist. No. 1
 Owner's name and address Maine Savings Bank, 23 Casco St. Telephone _____
 Contractor's name and address Oxford Wrapping Co., 105 Main St., Portland Telephone 4-3762
 Architect _____ Plans filed _____ No. of sheets _____
 Proposed use of building _____ No. families _____
 Other buildings on same lot _____
 Estimated cost \$ _____ Fee \$ 1.00

Description of Present Building to be Altered

Material wood No stories 2 Heat _____ Style of roof _____ Roofing _____
 Last use dwelling house No. families 1

General Description of New Work

To demolish building app. 20' x 60'

Do you agree to tightly and permanently close all sewers or drains connecting with public or private sewers from this building or structure to be demolished, under the supervision and to the approval of the Department of Public Works of the City of Portland? Yes

It is understood that this permit does not include installation of heating apparatus which is to be taken out separately by and in the name of the heating contractor.

Details of New Work

Is any plumbing work involved in this work? _____
 Is any electrical work involved in this work? _____ Height average grade to top of plate _____
 Size, front _____ depth _____ No stories _____ Height average grade to highest point of roof _____
 To be erected on solid or filled land? _____ earth or rock? _____
 Material of foundation _____ Thickness, top _____ bottom _____ cellar _____
 Material of underpinning _____ Height _____ Thickness _____
 Kind of roof _____ Rise per foot _____ Roof covering _____
 No. of chimneys _____ Material of chimneys _____ of living _____
 Kind of heat _____ Type of fuel _____ Is gas fitting involved? _____
 Framing lumber—Kind _____ Dressed or full size? _____
 Corner posts _____ Sills _____ Girt or ledger board? _____ Size _____
 Material columns under girders _____ Size _____ Max. on centers _____
 Studs (outside walls and carrying partitions) 2x4-16" O. C. Girders 6x8 or larger. Bridging in every floor and flat roof span over 8 feet. Sills and corner posts all one piece in cross section.
 Joists and rafters: 1st floor _____, 2nd _____, 3rd _____, roof _____
 On centers: 1st floor _____, 2nd _____, 3rd _____, roof _____
 Maximum span: 1st floor _____, 2nd _____, 3rd _____, roof _____
 If one story building with masonry walls, thickness of walls? _____ height? _____

If a Garage

No. cars now accommodated on same lot _____ to be accommodated _____
 Total number commercial cars to be accommodated _____
 Will automobile repairing be done other than minor repairs to cars habitually stored in the proposed building? _____

Miscellaneous

Will above work require removal or disturbing of any shade tree on a public street? no
 Will there be in charge of the above work a person competent to see that the State and City requirements pertaining thereto are observed? yes

INSPECTION COPY

Signature of owner By Oxford Wrapping Co.

W. P. Stapleford

2062



APPLICATION FOR PERMIT
DEPARTMENT OF BUILDING INSPECTIONS SERVICES
ELECTRICAL INSTALLATIONS

Date January 10, 1992
 Receipt and Permit number 3677

To the CHIEF ELECTRICAL INSPECTOR, Portland, Maine:

The undersigned hereby applies for a permit to make electrical installations in accordance with the laws of Maine, the Portland Electrical Ordinance, the National Electrical Code and the following specifications:

LOCATION OF WORK: 28 Casco St.
 OWNER'S NAME: Fleet Bank ADDRESS: Same

	FEES
OUTLETS:	
Receptacles _____ Switches _____ Plugmold _____ ft. TOTAL <u>9</u>	<u>1.80</u>
FIXTURES: (number of)	
Incandescent _____ Fluorescent <u>8</u> (not strip) TOTAL	<u>1.60</u>
Strip Fluorescent _____ ft	
SERVICES:	
Overhead _____ Underground <u>X</u> Temporary _____ TOTAL amperes <u>200</u> ..	<u>15.00</u>
METERS: (number of)	
MOTORS: (number of)	
Fractional	
1 HP or over	
RESIDENTIAL HEATING:	
Oil or Gas (number of units)	
Electric (number of rooms)	
COMMERCIAL OR INDUSTRIAL HEATING:	
Oil or Gas (by a main boiler)	
Oil or Gas (by separate units)	
Electric Under 20 kws <u>X</u> Over 20 kws	<u>5.00</u>
APPLIANCES: (number of)	
Ranges _____ Water Heaters _____	
Cook Tops _____ Disposals _____	
Wall Ovens _____ Dishwashers _____	
Dryers _____ Compactors _____	
Fans _____ Others (denote) _____	
TOTAL	
MISCELLANEOUS: (number of)	
Branch Panels _____ Outside Lighting	<u>10.00</u>
Transformers	
Air Conditioners Central Unit <u>X</u>	<u>10.00</u>
Separate Units (windows)	
Signs 20 sq. ft. and under	
Over 20 sq. ft.	
Swimming Pools Above Ground	
In Ground	
Fire/Burglar Alarms Residential	
Commercial <u>X</u>	<u>15.00</u>
Heavy Duty Outlets, 220 Volt (such as welders) 30 amps and under <u>X</u>	<u>2.00</u>
over 30 amps	
Circus, Fairs, etc.	
Alterations to wires	
Repairs after fire	
Emergency Lights, battery	
Emergency Generators	
INSTALLATION FEE DUE:	
FOR ADDITIONAL WORK NOT ON ORIGINAL PERMIT DOUBLE FEE DUE:	
FOR REMOVAL OF A "STOP ORDER" (304-16.b)	
TOTAL AMOUNT DUE:	<u>60.40</u>

INSPECTION: 1/13/92
 Will be ready on Monday, 1992; or Will Call _____
 CONTRACTOR'S NAME: Jeffrey Bayman
 ADDRESS: P.O. Box 232 North Windham 04062
 TEL: 892-3319
 MASTER LICENSE NO.: 3077 SIGNATURE OF CONTRACTOR: Jeffrey Bayman
 LIMITED LICENSE NO.: _____

INSPECTOR'S COPY — WHITE
 OFFICE COPY — CANARY
 CONTRACTOR'S COPY — GREEN

019321

Permit # 019321 City of Portland BUILDING PERMIT APPLICATION Fee 50.00 Zone 300 Map # 12/20/91

Owner: Fleet Bank Phone # 742-5000
Address: One Maine Savings Pl - Portland, ME 04101
LOCATION OF CONSTRUCTION: 20 Cass St
Contractor: Langford & Lowe Inc. 797-5141
Address: PO Box 662, Portland, ME 04104
Est. Construction Cost: 70,000 Proposed Use: BANK drive-in bnkg
Past Use: parking lot
of Existing Res. Units: # of New Res. Units
Building Dimensions L W Total Sq. Ft.
Stories: # Bedrooms Lot Size
Is Proposed Use: Seasonal Condominium Conversion
Explain Conversion: CONDITIONAL USE APPEAL - drive-in banking

For Official Use Only
Date: 12/20/91
Subdivision:
Inside Fire Limits:
Map Code:
Owner's Name:
Estimated Cost: 70,000
Zoning:
Street Frontage Provided:
Provided Setbacks: Front Back Side Side
Review Required:
Zoning Board Approval: Yes No Date:
Planning Board Approval: Yes No Date:
Conditional Use: Yes No Site Plan Subdivision
Shoreland Zoning Yes No Floodplain Yes No
Special Exception (Explain):

PERMIT ISSUED
DEC 20 1991
CITY OF PORTLAND

Foundation: Portland Design Co. 775-1059
103 Danforth St; Portland, ME 04101
1. Type of Soil:
2. Set Backs - Front Rear Side(s)
3. Footings Size:
4. Foundation Size:
5. Other:
* 24805 Other: construct drive-in banking structure

Callings:
1. Ceiling Joists Size: Spacing:
2. Ceiling Strapping Size: Spacing:
3. Type Ceiling:
4. Insulation Type: Size:
5. Ceiling Height:
Roof:
1. Truss or Rafter Size: Span: Size:
2. Sheathing Type: Size:
3. Roof Covering Type:
Chimneys:
Type: Number of Fire Places
Heating:
Type of Heat:
Electrical:
Service Entrance Size: Smoke Detector Required Yes No
Plumbing:
1. Approval of soil test if required Yes No
2. No. of Tubs or Showers
3. No. of Flushes
4. No. of Lavatories
5. No. of Other Fixtures
Swimming Pools:
1. Type:
2. Pool Size: Square Footage:
3. Must conform to National Electrical Code and State Law

Exterior Walls:
1. Studding Size Spacing:
2. No. windows:
3. No. Doors:
4. Header Sizes Spacing:
5. Bracing Yes No:
6. Corner Posts Size:
7. Insulation Type Size:
8. Sheathing Type Size:
9. Siding Type Weather Exposure:
10. Masonry Materials:
11. Meth. Materials: James C. Langford 12/20/91

Permit Received By: Louise E. Johnson
Signature of Applicant: [Signature] Date: 11-27-91
CEO District: [Signature]

Interior Walls:
1. Studding Size Spacing:
2. Header Sizes Spacing:
3. Wall Covering Type:
4. Fire Wall if required:
5. Other Materials:
White - Tax Assessor

CONTINUED TO REVERSE SIDE
Ivory, Tag - CEO

51 M. Wang

Inspection Services
Samuel P. Hoffes
Chief



Planning and Urban Development
Joseph E. Gray Jr.
Director

CITY OF PORTLAND

December 20, 1991

37-D-4

Langford & Lowe, Inc.
POB 662
Portland, ME 04104

Re: 28 Casco St

Dear Sir,

Your application to construct a drive-in banking structure at 28 Casco St has been reviewed and a permit is herewith issued subject to the following requirements:

No certificate of occupancy can be issued until all requirements of this letter are met.

Planning Dept./R. Knowland

1. The Planning Board Conditions of Approval are indicated on Planning Board Approval letter.
2. Height and size of Red Sprite Winterberry bushes to be reviewed and approved by the City Arborist.

Building/Fire Prevention

1. N.F.P.A. 101 Life Safety Code requirements to be met as required by Lt. Wallace C. Garroway, FPB

If you have any questions regarding these requirements, please do not hesitate to contact this office.

Sincerely,

Marge Schmuckal
Asst. Chief of Inspection Services

CITY OF PORTLAND, MAINE
SITE PLAN REVIEW
 Processing Form

Rick Knowlton

Electronics
 Applicant: One Maine Savings Plaza-Ptld, ME Date: 11/27/91
 Mailing Address: 23 Cass St. Address of Proposed Site
 Proposed Use of Site: drive-in banking- remote teller Site Identifier(s) from Assessors Maps
 Acreage of Site / Ground Floor Coverage: _____ Zoning of Proposed Site
 Site Location Review (DEP) Required: () Yes () No Proposed Number of Floors _____
 Board of Appeals Action Required: () Yes () No Total Floor Area _____
 Planning Board Action Required: () Yes () No
 Other Comments: contact person J. Schachtberg - 775-1089
- Ptld Design Team
 Date Dept. Review Due: _____

PLANNING DEPARTMENT REVIEW

(Date Received): _____

- Major Development — Requires Planning Board Approval; Review Initiated
- Minor Development — Staff Review Below

	LOADING AREA	PARKING	CIRCULATION PATTERN	ACCESS	PEDESTRIAN WALKWAYS	SCREENING	LANDSCAPING	SPACE & BULK OF STRUCTURES	LIGHTING	CONFLICT WITH CITY PROJECTS	FINANCIAL CAPACITY	CHANGE IN SITE PLAN
APPROVED	X	X	X	X	X	X		X	X	X	X	
APPROVED CONDITIONALLY							X					
DISAPPROVED												

CONDITIONS SPECIFIED BELOW
 REASONS SPECIFIED BELOW

REASONS: NOTE: PLANNING BOARD CONDITIONS OF APPROVAL ARE INDICATED ON PLANNING BOARD APPROVAL LETTER.
HEIGHT AND SIZE OF SIGNING RED SPOTS W/REARVIEW MIRROR TO BE REVIEWED AND APPROVED BY THE CITY BOARD.
 (Attach Separate Sheet if Necessary)

Rick Knowlton
 SIGNATURE OF REVIEWING STAFF/DATE

CITY OF PORTLAND, MAINE
 SITE PLAN REVIEW
 Processing Form

Melanie Esterberg
 Planning

Electric Hook _____ Date 11/27/91

Applicant One Maine Savings Plaza - Ptd, NE 29 Casco St. Address of Proposed Site

Mailing Address _____ Site Identifier(s) from Assessors Maps

Proposed Use of Site _____ Zoning of Proposed Site

Acres of Site 1.7 Ground Floor Coverage _____

Site Location Review (DEP) Required: () Yes () No Proposed Number of Floors _____

Board of Appeals Action Required: () Yes () No Total-Floor Area _____

Planning Board Action Required: () Yes () No

Other Comments: See staff person J Schnackenberg - 775-1059

Date Dept. Review Due: _____ - Ptd Design Team -

_____ minor site plan review conditions use appeal

PUBLIC WORKS DEPARTMENT REVIEW

12/2/91
 (Date Received)

	TRAFFIC CIRCULATION	ACCESS	CURB CUTS	ROAD WIDTH	PARKING	SIGNALIZATION	TURNING MOVEMENTS	LIGHTING	CONFLICT WITH CITY CONSTRUCTION PROJECT	DRAINAGE	SOIL TYPES	SEWERS	CURBING	SIDEWALKS	OTHER	
APPROVED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
APPROVED CONDITIONALLY																CONDITIONS SPECIFIED BELOW
DISAPPROVED																REASONS SPECIFIED BELOW

REASONS: _____

(Attach Separate Sheet If Necessary)

Melanie A. Esterberg 12/2/91
 SIGNATURE OF REVIEWING STAFF/DATE

PUBLIC WORKS DEPARTMENT COPY

CITY OF PORTLAND, MAINE

SITE PLAN REVIEW

Processing Form

Applicant Fleet Bank Date 11/27/91
One Maine Saving Plaza-Ptld, ME
 Mailing Address 23 Casco St.
drive-in banking- remote teller
 Proposed Use of Site _____
 A Dress of Proposed Site _____
 Site Identifier(s) from Assessors Maps _____
 Zoning of Proposed Site _____
 Acreage Site / Ground Floor Coverage _____
 Site Location Review (DEP) Required () Yes () No Proposed Number of Floors _____
 Board of Appeals Action Required: () Yes () No Total Floor Area _____
 Planning Board Action Required: () Yes () No
 Other Comments: contact person J D Schnackenberg - 775- 059
- Ptld Design Team -
 Date Dept. Review Due: _____

----- minor site plan review & conditional use appeal -----

BUILDING DEPARTMENT SITE PLAN REVIEW
 (Does not include review of construction plans)

- Use does NOT comply with Zoning Ordinance
 - Requires Board of Appeals Action
 - Requires Planning Board/City Council Action

Explanation _____

Use complies with Zoning Ordinance — Staff Review Below

Zoning: SPACE & BULK, as applicable	DATE	ZONE LOCATION	INTERIOR OR CORNER LOT	40 FT SETBACK AREA (SEC 21)	USE	SEWAGE DISPOSAL	REAR YARDS	SIDE YARDS	FRONT YARDS	PROJECTIONS	HEIGHT	LOT AREA	BUILDING AREA	AREA PER FAMILY	WIDTH OF LOT	LOT FRONTAGE	OFF-STREET PARKING	LOADING BAYS		
																				COMPLIES

REASONS: WAF - 17-20-91

SIGNATURE OF REVIEWING STAFF/DATE

DEPARTMENT—ORIGINAL

CITY OF PORTLAND, MAINE

SITE PLAN REVIEW

Processing Form

11/27/21

Applicant: Windsor Savings Plaza - R13, ME

27 Casco St.

Date

Mailing Address: 27 Casco St. - remote taller

Address of Proposed Site

Proposed Use of Site: RETAIL

Site Identifier(s) from Assessors Maps

Acres of Site: / Ground Floor Coverage

Zoning of Proposed Site

Site Location Review (DEP) Required: () Yes () No

Proposed Number of Floors

Board of Appeals Action Required: () Yes () No

Total Floor Area

Planning Board Action Required: () Yes () No

Other Comments: approve person J. Schnackenberg - 776-2157

- Ptd Section Team

Date Dept. Review Due:

FIRE DEPARTMENT REVIEW

(Date Received)

	ACCESS TO SITE	ACCESS TO STRUCTURES	SUFFICIENT VEHICLE TURNING ROOM	SAFETY HAZARDS	HYDRANTS	SIAMASE CONNECTIONS	SUFFICIENCY OF WATER SUPPLY	OTHER	
APPROVED									CONDITIONS SPECIFIED BELOW REASONS SPECIFIED BELOW
APPROVED CONDITIONALLY									
DICAPPROVED									

REASONS: _____

(Attach Separate Sheet if Necessary)

William C. Johnson
 SIGNATURE OF REVIEWING STAFF/DATE

FIRE DEPARTMENT COPY



ARCHITECTURE INTERIOR DESIGN PLANNING
105 DANFORTH STREET PORTLAND, MAINE 04101 207-775-1059 FAX 207-775-2694

LYNDON D. KECK AIA
FRANK M. LOCKER PH.D. AIA, ASID
DAVID C. WILBSTER AIA

ALAN G. KURRHOLM AIA
MARILYN E. LEVINE AIA
LEITH GATMAN-FAPLOW, IBD
DOUGLAS L. SKILLIN

November 27, 1991

Mr. Joseph DeCoursey, Chair
City of Portland Planning Board
Room 211 City Hall
Portland, Maine 04101

Re: Fleet Bank, Remote Teller Building at Maine Savings Plaza

Dear Mr. DeCoursey:

Portland Design Team is pleased to present this application for conditional use for the Fleet Bank Remote Teller Building at Maine Savings Plaza, Portland, Maine. It is our understanding from speaking with Mr. Knowland that a workshop for this project will be held December 10, 1991 with a Planning Board meeting following on December 17, 1991.

Fleet Bank is requesting approval to construct a remote teller building in the existing parking lot of the Maine Savings Plaza located at 28 Casco Street. This is a very important facility for Fleet Bank. This facility will allow Fleet Bank to offer drive through service at its downtown location.

Enclosed please find a survey, a site plan, a land use application, technical information and written description of compliance with the performance standards for conditional use as described in the Portland Land Use Ordinance.

Portland Design Team and Fleet Bank look forward to working with you on this project and appreciate your time and consideration.

Very truly yours,
PORTLAND DESIGN TEAM, P.A.


J. D. Schnackenberg, AIA



CITY OF PORTLAND

CONDITIONAL USE APPEAL

APPLICATION

Applicant's name and address: Warren Swetz, Vice President of Fleet Bank,
Properties Management Dept., One Maine Savings Plaza, Portland, ME 04101

Applicant's interest in property (e.g., owner, purchaser, etc.):

Owner

Owner's name and address (if different): _____

Address of property (or Assessor's chart, block and lot number):
Brown Street 48-72
Cumberland 354-358 Assessor's Chart 37, Block D Lot 4

Zone: B-3 Present use: Parking Lot

Type of conditional use proposed: Remote Teller Building

Conditional use authorized by: Section 14-218 (3)

NOTE: If site plan approval is required, attach preliminary or final site plan.

The undersigned hereby makes application for a conditional use permit as above-described, and certifies that all information herein supplied by him is true and correct to the best of his knowledge and belief.

Dated: 11/27, 1991

Warren Swetz
Signature of Applicant
by Portland Design Team, P.A.

Fleet Bank, Remote Teller Building at Maine Savings Plaza

Table of Contents

Conditional Use Standards

14-525 (c). Final Site Plan, Written Statements

Signage information

Lighting information

Building Elevations

ATTACHED
Survey
Site Plan

Fleet Bank, Remote Teller Building at Maine Savings Plaza
November 27, 1991

CONDITIONAL USE STANDARDS

- a. The proposed Remote Teller Building will function in a manner similar to those established by other banks in the downtown area. The building will provide for teller transactions from the convenience of the customer's car thus eliminating the need for the customer to park and walk to facilities inside the building.
- b. The facility has been located on the site in a manner to allow the maximum number of cars to stack up on site, This will minimize the possibility of cars stacking up on Casco Street. Beyond minor changes in traffic patterns and usage the facility offers no adverse impact on health, safety or welfare to the public.
- c. This facility provides no special service nor does the site present any unusual condition that would cause anything but the normal operation of a facility like this.

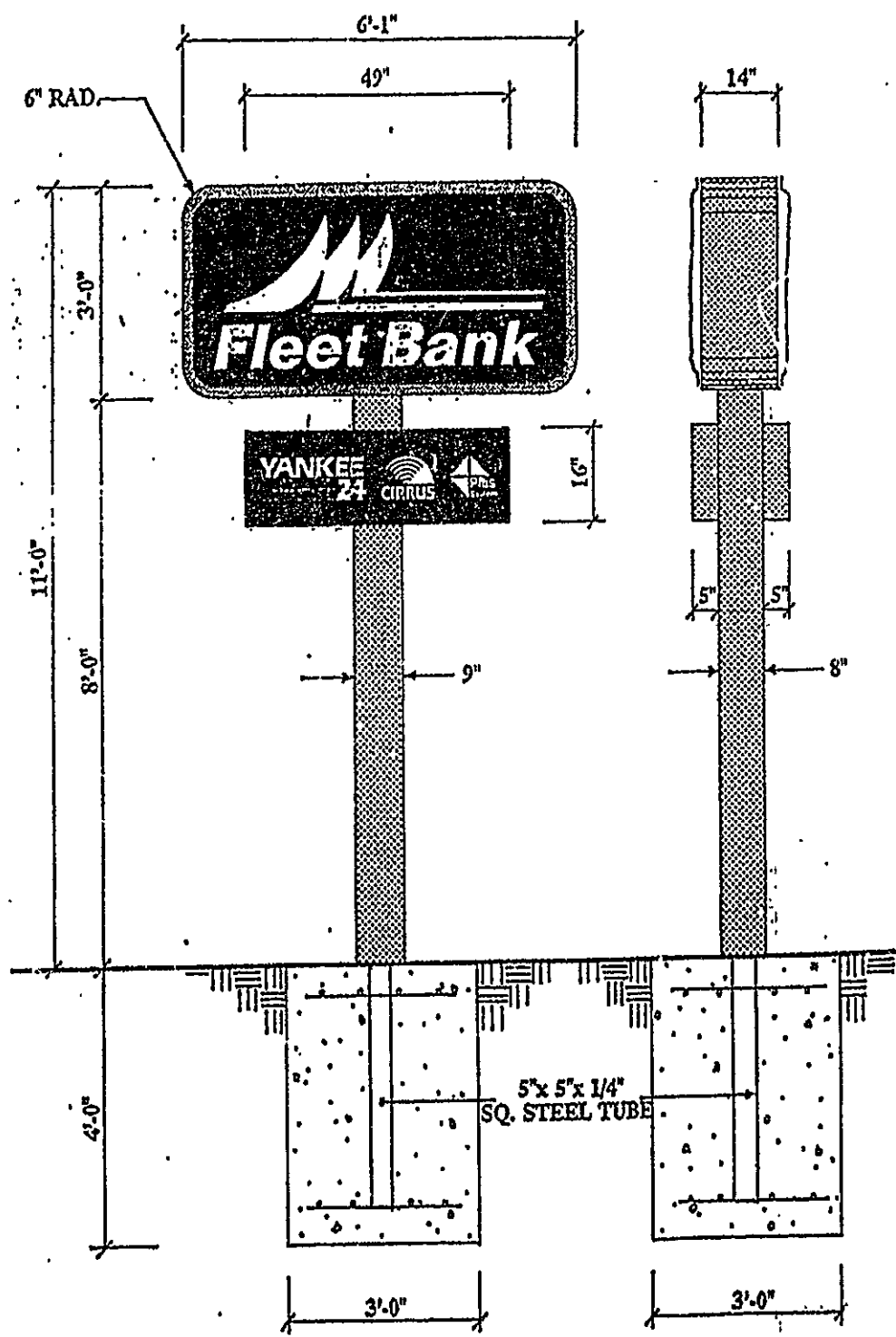
Fleet Bank, Remote Teller Building at Maine Savings Plaza
November 27, 1991

14-525 (c). FINAL SITE PLAN, WRITTEN STATEMENTS

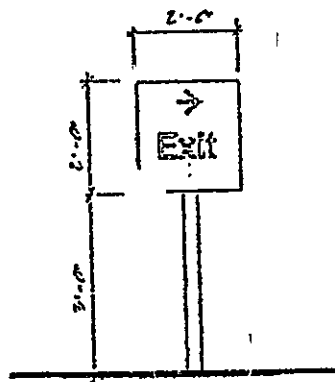
Owner - Fleet Bank of Maine, Portland, Maine

Construction Cost Estimate - \$50,000.00 to \$75,000.00

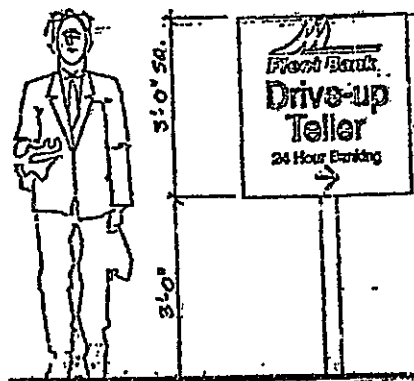
- (1). The proposed Remote Teller Building will consist of a building housing two teller stations, a drive up window, a remote teller lane, an Automated Teller Machine (ATM) and drive through lane and a canopy covering the teller lanes.
- (2). The total site is 37,569 square feet. The area related to this development is 9,690 square feet. The building housing the tellers is 180 square feet. The total area under the canopy is 900 square feet.
- (3). There are no know existing or proposed easements or other burdens on the property.
- (4). Solid waste generated by this facility will be minimal and will be dealt with as part of the Bank facilities solid waste disposal program.
- (5). The facility requires only electrical power which will be provided as an extension from the main Bank facility.
- (6). Only minor modification of the existing drainage pattern will occur. The existing drainage is controlled by two existing catch basins in the parking lot which tie to the City Storm water system.
- (7). If approval is granted at the December 17 Planning Board meeting the project will be completed in the following 90 days with final paving in the spring.
- (8). To our knowledge no State or Federal approvals are required.
- (9). Funds for this project will be provided by Fleet Bank.



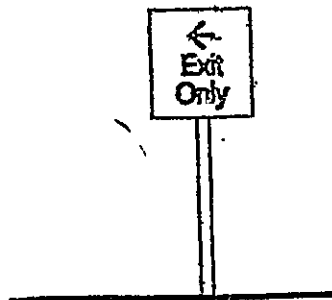
SIGNAGE TYPE A



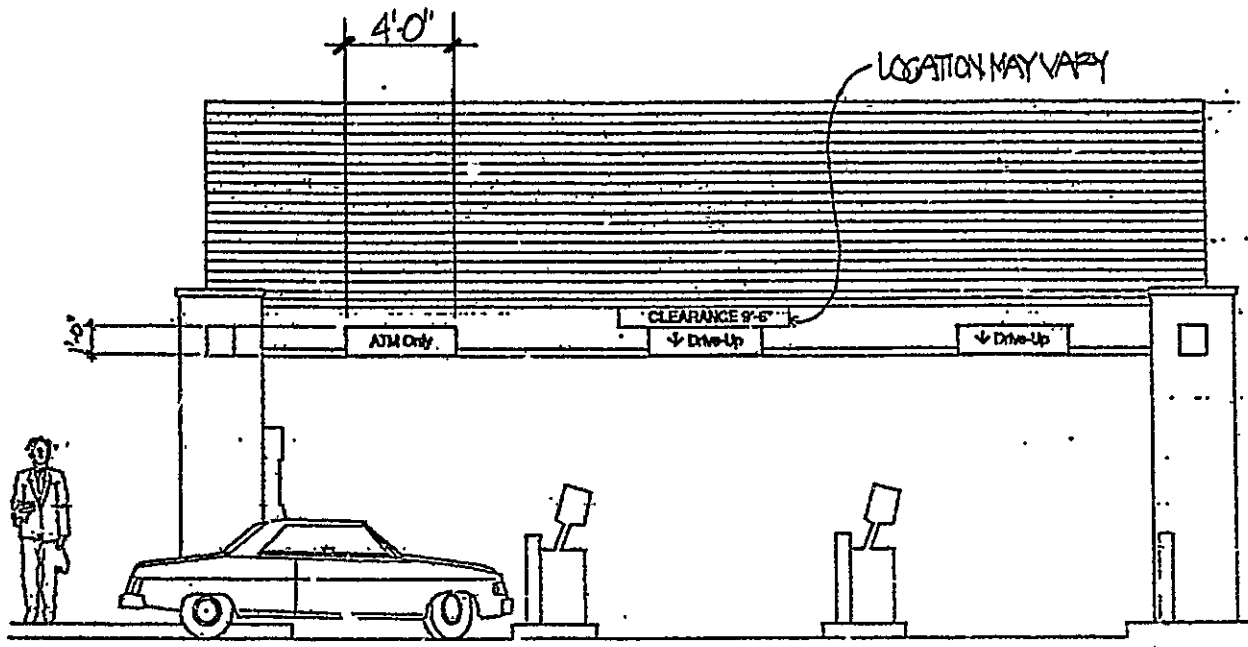
SIGNAGE TYPE B



SIGNAGE TYPE C



SIGNAGE TYPE D



TYPICAL BUILDING SIGNAGE

KS1-175M-RBF-120-SP12 **TYPE "A" FIXTURE**

Cost Efficient Cutoff Area Lighting

CATALOG NUMBER	VOLTAGE	MTG.	OPTIONS (Factory Installed)
KS1 175M	120	SP12	DBB DARK BRONZE
RBF	<input checked="" type="checkbox"/>		

- KS1 175M RBF
- KS1 250M RBF
- KS2 400M RBF
- KS3 1000M RBF

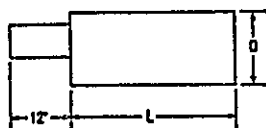
- 120
- 208
- 240
- 277
- 480
- TB¹

- Shipped Installed In Fixture**
- SF Single Fuse (120,277V)
 - DF Double Fuse (208,240,480V)
 - ER NEMA Twist-Lock Receptacle only (no photocontrol)
 - QRS Quartz Restrike System
 - LS Lamp Support

- Architectural Colors (painted finish)**
- DMB Medium Bronze
 - DWH White
 - DBL Black
 - DNA Natural Aluminum
 - DSS Sand Stone
 - DGC Charcoal Grey
 - DTG Tennis Green
 - DBR Bright Red
 - DSB Steel Blue

- Shipped Separately²**
- PE1 NEMA Twist-Lock PE (120,208,240V)
 - PE4 NEMA Twist-Lock PE (480V)
 - PE7 NEMA Twist-Lock PE (277V)
 - VG Vandal Guard

Description	Mounting	Desig.
Square Pole	<input checked="" type="checkbox"/>	SP12
Round Pole	<input type="checkbox"/>	RP12
Wood Pole or Wall	<input type="checkbox"/>	WW12
Wall Bracket	<input type="checkbox"/>	WB12
OPTIONAL MOUNTINGS		
Degree Arm Pole	<input type="checkbox"/>	DA12P
Degree Arm Wood Pole or Wall	<input type="checkbox"/>	DA12W
Mast Arm (KS2, KS3 only)	<input type="checkbox"/>	MA
Wall Mounting Bracket (KS1 only) (No Arm)	<input type="checkbox"/>	MB



DIMENSIONS

Housing	KS1	KS2	KS3
EPA	1.6ft ² /17m ²	2.3ft ²	3ft ²
Length	21	24	30
Width	15	19 1/2	23-1/8
Depth	7 1/2	9 1/2	10 1/2
Weight	20	31	47

ACCESSORIES (Field Installed-order as separate line item)

Tenon Mounting Slipfitter is ordered as separate line item. Important with this accessory, an RP12 or optional DA 12P mounting arm must be ordered on the fixture.

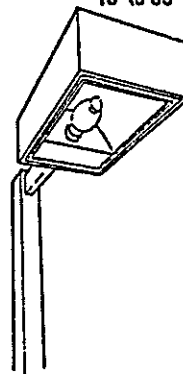
Tenon Size	1 fixtures at 180°	2 fixtures at 90°	2 fixtures at 120°	3 fixtures at 90°	3 fixtures at 90°	4 fixtures at 90°
2 3/8" OD	T20-190	T20-280	T20-290	T20-320	T20-390	T20-490
2 7/8" OD	T25-160	T25-280	T25-290	T25-320	T25-390	T25-490
4" OD	T35-190	T35-280	T35-290	T35-320	T35-390	T35-490

NOTES:
¹ Multi-Tap Ballast (120,208,240,277V).
² May be ordered as accessory. MUST see Cutoff Accessories Sheet for ordering information.

For Complete Description & Application Information, See Options & Accessories Sheet C-0/A.



KS
 formerly KAB
METAL HALIDE
175/250/400/1000W
 15' to 35' Mounting



SPECIFICATIONS

HOUSING - Rugged, heavy-gauge, lightweight aluminum housing. Rectilinear shape, continuously seam welded for weatheright integrity. EPDM one piece, fully gasketed, extruded aluminum door frame with impact-resistant tempered glass lens.

Extruded 12" aluminum arm for pole or wall mounting. Dark bronze TGIC polyester powder finish standard with optional architectural colors available.

OPTICS - Cutoff, anodized aluminum reflector.

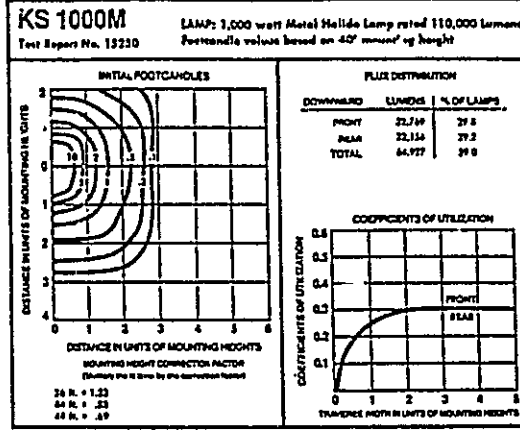
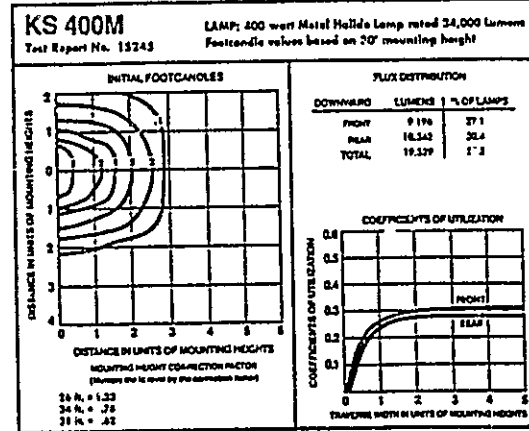
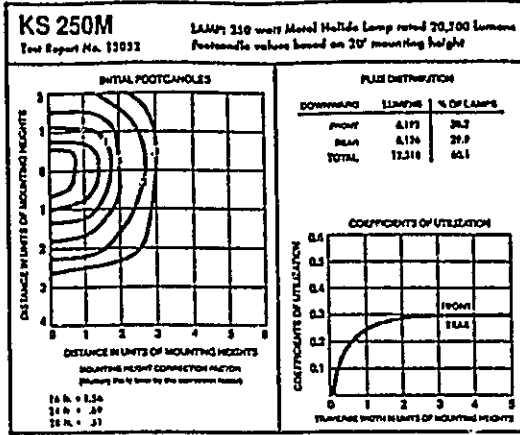
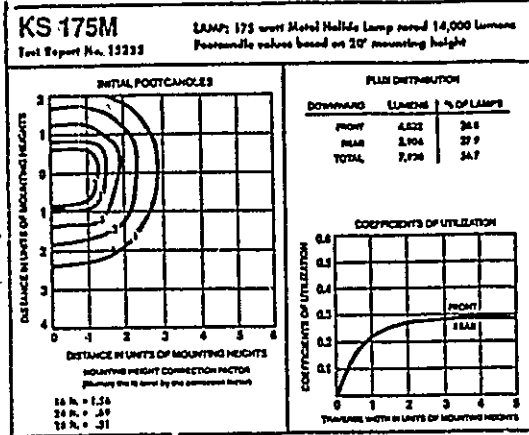
ELECTRICAL SYSTEM - Constant wattage auto-transformer 100% copper wound and factory tested. Positive locking disconnect plug. Mogul base porcelain socket.

LISTING - UL 1572 listed for wet locations.

PHOTOMETRIC DATA

TYPE "A" FIXTURE

The charts below provide the most useful data from photometric tests of specific lamp/luminaire combinations. For complete results of any combination shown, or other requirements, contact your LITHONIA representative.



ELECTRICAL CHARACTERISTICS

WATTAGE/LAMPS	PRIMARY VOLTAGE	LINE CURRENT (AMPS) START/OPNL	PRIMARY SHROUDED VOLTAGE	INPUT WASTE	POWER FACTOR (%)	REGULATION LINE V = LAMP LUMENS
175	120	1.10/1.40	70			
CWA	208	.84/1.10	115			
Peak-Load	240	.59/.90	123	210	90+	± 10% ± 7%
	480	.48/.78	130			
	480	.37/.45	264			
250	120	1.40/2.30	50			
CWA	208	.92/1.44	84			
Peak-Load	240	.60/1.25	100	292	90+	± 10% ± 10%
	377	.47/1.03	115			
	480	.40/.82	220			
400	120	2.50/4.00	30			
CWA	208	1.40/2.30	84			
Peak-Load	240	1.20/2.00	100	433	90+	± 10% ± 7%
	377	1.00/1.73	115			
	480	.80/1.00	200			
1000	120	5.90/9.20	70			
CWA	208	3.40/5.30	120			
Peak-Load	240	2.90/4.40	140	1070	90+	± 10% ± 10%
	377	2.30/4.00	140			
	480	1.80/2.10	280			

Tuned to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications in this catalog are based on the most current available data and are subject to change.

LITHONIA ARCHITECTURAL OUTDOOR
A DIVISION OF LITHONIA LIGHTING
P.O. BOX 72, CAMPOBELLE, INDIANA 47521 • TELEPHONE 317-385-1022 • FAX 317-385-1023

KS M1

© 1989 Lithonia Lighting, Rev. 2/89
Div. of National Service Industries, Inc.

TYPE "A" FIXTURE

SSA-255-G-DM19-T20-DOB

Square Straight Aluminum Anchor Base Pole

NOTE: POLE TO ACCOMMODATE
TENON-TOP AND ARM MOUNT TO
ACCOMMODATE FLOODLIGHT & 30
CUTOFF LUMINAIRE ON ONE POLE

SSA

SQUARE STRAIGHT
ALUMINUM
8' TO 30' Mounting

ORDERING INFORMATION

POLE TYPE SSA 25 5G SEE NOTE DOB

SHAFT TYPE

NOMINAL MOUNTING HEIGHT 8-30 FT.
(see back page)

NOMINAL SHAFT BASE SIZE AND WALL THICKNESS
(see back page)

FIXTURE MOUNTING METHOD

DESIGNATION DESCRIPTION

TENON MOUNTING

- PT¹ Open Top
- T20 2-3/8 O.D. (2" NPS)
- T25 2-7/8 O.D. (2 1/2 NPS)
- T30² 3-1/2" O.D. (3" NPS)
- T35² 4" O.D. (3 1/2" NPS)

DRILL MOUNTING FIXTURES

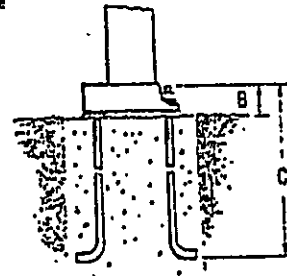
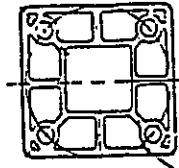
- DM19³ 1 at 90°
- DM28³ 2 at 180°
- DM29³ 2 at 90°
- DM39³ 3 at 90°
- DM49³ 4 at 90°

NOTE: Bullhorn and spoke brackets available. See reverse side

OPTIONS
see back

FINISH

DESIGNATION	DESCRIPTION
<input checked="" type="checkbox"/> STANDARD	Dark Bronze Painted
<input type="checkbox"/> DMB	Medium Bronze Painted
<input type="checkbox"/> DBL	Black Painted
<input type="checkbox"/> DNA	Natural Aluminum Painted



Shaft Square Size	Base Square Size	A Bolt Circle	B Bolt Proj	C Emb Depth	Bolt Size	Template Number
4	8 15/16"	8 1/2"	2 1/2" - 2 1/4"	15 3/4" - 15 1/2"	3/8" x 16" x 3"	PJ50006
5	10 7/16"	10 1/2"	2 1/2" - 2 1/4"	33 3/4" - 33 1/2"	3/8" x 30" x 3"	PJ50007
6	11 15/16"	12"	2 1/2" - 2 1/4"	33 3/4" - 33 1/2"	1" x 36" x 4"	PJ50008

- ¹ KK series luminaires will fit 4" square poles only.
- ² 3-1/2" and 4" tenons available on 5" and 6" shafts only.
- ³ Drill pattern and orientation must be specified when ordering
- SSA 16, 18 & 20 4G use 3/8" x 3" anchor bolts, 27-36" - 27 1/2" deep

SPECIFICATIONS

SHAFT - Square non-tapered shaft made from extruded 6063-T6 aluminum alloy (ASTM B-429). Shaft width is 4, 5 or 6 inches. Wall thickness is .125, .188, or .250 depending on mounting height and loading requirements.

ANCHOR BASE - Cast from 356-T56 aluminum alloy (ASTM B-108). Anchor bolt holes are recessed and covered by aluminum caps.

HANDHOLE - A rectangular reinforced handhole having nominal dimensions of 2-1 x 5-1/8" for all shafts. A rain-tight handhole cover plate made from 5086-H34 aluminum alloy with attachment hardware is provided. Finished to match pole.

GROUNDING - A ground spade located immediately inside the handhole is tapped 1/2 - 13 UNC grounding-bolt (by others).

ANCHOR BOLTS - Top 12" galvanized per ASTM A-153. Made of 3/4" or 1" diameter steel rod having a minimum yield strength 50,000 psi.

HARDWARE - All screws, nuts and bolts are made of AISI 300 series stainless steel.

TOP CAP - Weatherproof, high strength plastic cap is standard.

FINISHES - Dark bronze TGIC powder enamel finish is standard. Optional painted and Architectural Class 1 anodize finishes are available.

NOTE: If poles are stored outside, protective wrapping paper and cardboard must be removed immediately to prevent staining.

LITHONIA HI-TEK
INDUSTRIAL-OUTDOOR LIGHTING
A DIVISION OF LITHONIA LIGHTING

TYPE "A" FIXTURE

TECHNICAL INFORMATION

CATALOG NUMBER	Nominal Mtg. Ht. (ft)	Pole Shaft Size (in x ft)	Wall Thickness (in)	100 MPH w/1.3 Gust		90 MPH w/1.3 Gust		80 MPH w/1.3 Gust		70 MPH w/1.3 Gust		Bolt Circle (in)	Bolt Size (in x in x in)	Approx. Ship Wt. (lbs)
				Max. EPA (ft ²)	Max. Wt. (lb)	Max. EPA (ft ²)	Max. Wt. (lb)	Max. EPA (ft ²)	Max. Wt. (lb)	Max. EPA (ft ²)	Max. Wt. (lb)			
SSA 8 4C	8	4.0 x 8.0	.125	11.5	150	14.8	150	18.5	150	25.5	150	8-1/2	3/4 x 18 x 3	35.3
SSA 10 4C	10	4.0 x 10.0	.125	8.0	150	10.9	150	13.5	150	19.4	150	8-1/2	3/4 x 18 x 3	39.3
SSA 12 4C	12	4.0 x 12.0	.125	5.5	150	6.1	150	10.5	150	15.2	150	8-1/2	3/4 x 18 x 3	44.6
SSA 14 4C	14	4.0 x 14.0	.125	4.0	150	6.0	150	8.0	150	12.0	150	8-1/2	3/4 x 18 x 3	49.2
SSA 16 4C	16	4.0 x 16.0	.125	2.0	150	3.4	150	5.0	150	7.6	150	8-1/2	3/4 x 18 x 3	53.9
SSA 16 4G	16	4.0 x 16.0	.188	4.5	150	6.3	150	8.8	150	12.4	150	8-1/2	3/4 x 30 x 3	78.0
SSA 16 5G	16	5.0 x 16.0	.188	7.5	150	11.1	150	13.0	150	20.9	150	10-1/2	3/4 x 30 x 3	75.7
SSA 18 4C	18	4.0 x 18.0	.125	-	-	2.0	150	3.5	150	5.8	150	8-1/2	3/4 x 18 x 3	58.5
SSA 18 4G	18	4.0 x 18.0	.188	2.9	150	4.5	150	6.7	150	9.5	150	8-1/2	3/4 x 30 x 3	82.6
SSA 20 4C	20	4.0 x 20.0	.125	-	-	-	-	2.0	150	4.2	150	8-1/2	3/4 x 18 x 3	63.2
SSA 20 4G	20	4.0 x 20.0	.188	1.5	150	3.0	150	4.8	150	7.9	150	8-1/2	3/4 x 30 x 3	89.6
SSA 20 5G	20	5.0 x 20.0	.188	4.0	200	6.5	200	9.0	200	14.3	200	10-1/2	3/4 x 30 x 3	109.6
SSA 20 6G	20	6.0 x 20.0	.188	7.0	250	11.0	250	14.5	250	22.5	250	12	1 x 36 x 4	147.9
SSA 25 5G	25	5.0 x 25.0	.188	-	-	2.1	150	4.5	150	8.4	150	10-1/2	3/4 x 30 x 3	131.6
SSA 25 6G	25	6.0 x 25.0	.188	2.0	200	5.1	200	8.5	200	14.3	200	12	1 x 36 x 4	174.4
SSA 25 6J	25	6.0 x 25.0	.250	5.0	250	9.2	250	13.0	250	21.1	250	12	1 x 36 x 4	215.5
SSA 30 6G	30	6.0 x 30.0	.188	-	-	-	-	3.5	150	8.2	150	12	1 x 36 x 4	200.3
SSA 20 6J	20	6.0 x 30.0	.250	-	-	3.9	150	7.0	250	13.8	250	12	1 x 36 x 4	250.0



Fig. A BA28

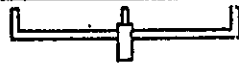


Fig. B BA38



Fig. C BA32

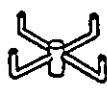
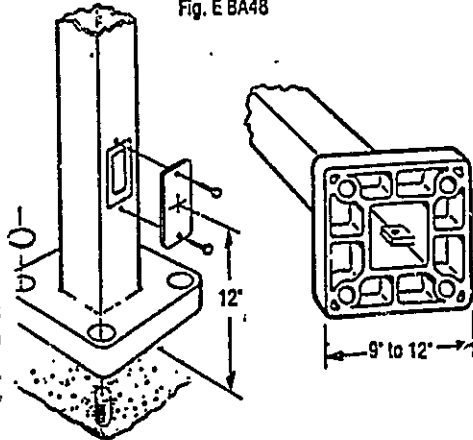


Fig. D BA49



Fig. E BA48



BRACKET INFORMATION

Figure Number	Catalog Number	Pole Tenon Adaptor	Max Loading		Bracket Size	
			Wt/ Tenon	EPA/ Tenon	Wt.	EPA
A	BA28	2 3/8"	100	4.5	10	1.2
B	BA38	2 3/8"	100	4.5	15	1.8
C	BA32	2 3/8"	100	4.5	12	1.6
D	BA49	2 3/8"	100	4.5	16	2.2
E	BA48	4"	100	4.5	26	3.0
F	SA19	2 3/8"	100	4.5	5	.6
G	SA28	2 3/8"	100	4.5	7	.8
H	SA32	2 3/8"	100	4.5	8	1.0
I	SA49	2 3/8"	100	4.5	11	1.5

POLE OPTIONS

SUFFIX	DESCRIPTION
BC ¹	Base Cover
FD ^{1,2}	Festoon Outlet - 3 Prong Duplex
FDL ^{1,2}	Duplex Festoon Outlet (less electric)
FG ^{1,2}	Festoon Outlet - GFI Duplex
FGL ^{1,2}	Festoon Outlet - GFI Duplex less Electric
C1 ¹	1/2" Coupling
C2 ¹	3/4" Coupling
C3 ¹	2" Coupling
H1 ¹	Horizontal Arm Bracket-1 Fixture
Q1 ¹	Quartz Bracket with 1/2" Couplings
Q2 ¹	Quartz Bracket with 3/4" Couplings
VD	Vibration Damper
LAB	Less Anchor Bolts

- Specify fixture orientation when ordering.
- Consult factory for festoon outlets. See options/accessories sheet P-Q/A for more details.
- May be ordered as accessory. See P-Q/A for more details.

LITHONIA HI-TEK
INDUSTRIAL OUTDOOR LIGHTING
A DIVISION OF LITHONIA LIGHTING

2000 BGA RD CRAWFORDSVILLE INDIANA 47933 TEL: 317-362-1837 FAX: 317-362-9083

ISA

© 1989 Lithonia Lighting 2/89

TYPE "B" FIXTURE
FIXTURES IN SOFFIT OF BUILDING CANOPY

SPECIFICATIONS

LGH70M9RHFFL-120

TYPE _____
CAT. NO. _____
Specify Voltage 120, 277

1. Die-cast aluminum lampholder housing. Designed for effective heat dissipation and positive light center positioning. Medium base porcelain socket with nickel-plated screw shell.
2. Telescoping channel bar hangers adjust vertically and horizontally with one locking screw (3/8" head). Integral channel and mounting tabs rigidly attach to T-bar, concealed-Z, or wood joist. Scales are stamped into the channel bars and upright brackets in 1/4" increments, for easy presetting and leveling of fixture.
3. Prewired, encased and potted *20/277 volt dual tap ballast/tray module. Module can be attached before or after rough-in section is mounted.
4. Semi-specular clear Alzak® reflector.
5. Galvanized steel junction box with bottom-hinged access covers and spring latches. Three combination 1/2" - 3/4" and one 1/2" knockouts are provided which allow for straight thru conduit runs. Capacity: 8 (4 in - 4 out) No. 12 AWG conductors, rated for 75° C.
6. Thermal protector is a standard part of the ballast assembly and snaps easily onto the junction box for wiring to be completed.
7. Spun aluminum housing with white painted minimum flange.
8. Fresnel glass lens in regressed white solay door or stepped matte black baffle door.
9. Die-cast aluminum mounting/plaster frame for maximum 7/8" ceiling thickness.
10. Self-aligning and constant tension door support springs.

*Alzak is a registered trademark of Alcoa.

ORDERING INFORMATION

Catalog Number*	Source	Lamp Type
LGH 70M 9RW FFL	Metal Halide	MH70/C/U/MED
LGH 100M 9RW FFL	Metal Halide	M100/C/U
LGH 100H 9RW FFL	Mercury Vapor	H38AV-100/DX
LGH 50S 9RW FFL	HPS	LU50/D/MED
LGH 70S 9RW FFL	HPS	LU70/D/MED
LGH 100S 9RW FFL	HPS	LU100/D/MED

*Voltage 120 or 277 must be specified. Ex: LGH 70M 9RW FFL 120

ADDITIONAL ORDERING INFORMATION

Optional Door - Order as substitution in catalog number.

Designation	Description
SB	Stepped Black Baffle (substitute SB for RW)

Options - Order as suffix to catalog number.

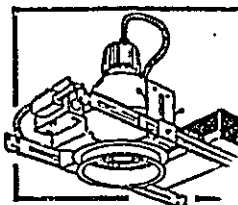
Suffix	Description
SF	Single Fuse
QRS	Quartz Restrike System (uses D.C. base quartz lamp by others; maximum - 100W)
EC	Emergency Circuit (D.C. base socket with leads for connection to emergency power source; maximum - 100W)
SSC	Provides compatibility with Lithonia Reloc Connector System 820. The 820 System can be installed less this option with connectors provided by others.

Accessories - Order as separate catalog number.

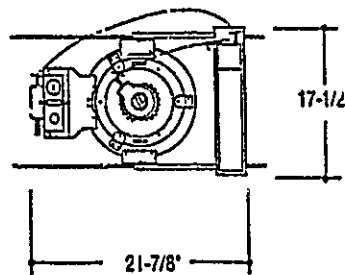
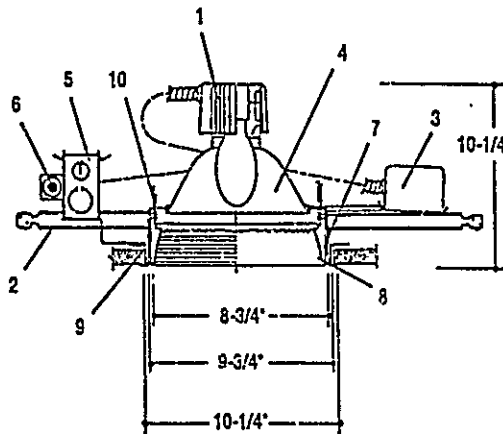
Cat. No.	Description
SC9	Sloped Ceiling Adaptor. Degree of slope must be specified (100, 150, 200, 250, 300). Ex: SC9 100. For more details see Submittal Sheet ACC-1

9"

Fresnel Round Lens Downlight



HIGH INTENSITY DISCHARGE
70W, 100W Metal Halide
100W Mercury Vapor
50W-100W High Pressure Sodium



NOTES: 1. Fixtures are U.L. 1572 listed for thru-branch circuit wiring, recessed and damp location.
2. See back of this sheet for electrical opening data.

LITHONIA DOWNLIGHTING
DOWNLIGHTING & TRACK SYSTEMS
A DIVISION OF LITHONIA LIGHTING

GOTHAN RECESS SERIES

LGH

HIGH INTENSITY DISCHARGE

GH-789

TYPE "B" FIXTURE

9" Fresnel Round Lens Downlight High Intensity Discharge

Catalog No.	ATTACHMENT TYPE LAMP TYPE LUMENS	DISTRIBUTION CURVE	DISTRIBUTION DATA	OUTPUT DATA	COEFFICIENT OF UTILIZATION				SINGLE LUMINAIRE Data 30' Above Floor																																						
					FC RW	20 60 30	20 80 30	30 60 30	FC AT DALYRE LUMINAIRE	DA FOOT LIMITED DALYRE	FC AT LIMITED DALYRE	DA FOOT LIMITED DALYRE																																			
LGH 70M 70W MH70/C/MED 1.0 30V0	400		<table border="1"> <tr><th>FROM °</th><th>I.C.P. LUMENS</th></tr> <tr><td>0°</td><td>1928</td></tr> <tr><td>15°</td><td>1862</td></tr> <tr><td>30°</td><td>1796</td></tr> <tr><td>45°</td><td>1730</td></tr> <tr><td>60°</td><td>1664</td></tr> <tr><td>75°</td><td>1598</td></tr> <tr><td>90°</td><td>1532</td></tr> </table>	FROM °	I.C.P. LUMENS	0°	1928	15°	1862	30°	1796	45°	1730	60°	1664	75°	1598	90°	1532	<table border="1"> <tr><th>THRU °</th><th>LUMENS</th><th>%</th></tr> <tr><td>0°-30°</td><td>1332</td><td>32.7</td></tr> <tr><td>0°-45°</td><td>1868</td><td>37.3</td></tr> <tr><td>0°-60°</td><td>2374</td><td>47.5</td></tr> <tr><td>0°-75°</td><td>2508</td><td>51.1</td></tr> <tr><td>0°-90°</td><td>2508</td><td>64.1</td></tr> </table>	THRU °	LUMENS	%	0°-30°	1332	32.7	0°-45°	1868	37.3	0°-60°	2374	47.5	0°-75°	2508	51.1	0°-90°	2508	64.1	1	68	54	82	51	50	49	50	49
				FROM °	I.C.P. LUMENS																																										
				0°	1928																																										
				15°	1862																																										
				30°	1796																																										
				45°	1730																																										
				60°	1664																																										
				75°	1598																																										
				90°	1532																																										
				THRU °	LUMENS	%																																									
0°-30°	1332	32.7																																													
0°-45°	1868	37.3																																													
0°-60°	2374	47.5																																													
0°-75°	2508	51.1																																													
0°-90°	2508	64.1																																													
2	81	49	48	47	47	46	46	46	46																																						
3	44	41	42	40	41	39	40	38	38																																						
4	41	38	39	37	38	36	37	35	35																																						
5	38	35	37	34	36	34	35	33	33																																						
6	35	32	34	31	34	31	32	30	30																																						
7	33	30	32	29	31	29	30	28	28																																						
8	31	27	30	27	29	27	28	26	26																																						
9	29	25	28	25	27	25	26	24	24																																						
10	29	25	28	25	27	25	26	24	24																																						
<table border="1"> <tr><th>HT.</th><th>FT.</th><th>W% BEAM ANGLE</th><th>FO' F.C.</th><th>W% BEAM ANGLE</th></tr> <tr><td>8'</td><td>8.4</td><td>10.2</td><td>83.7</td><td>8.4</td><td>21.9</td></tr> <tr><td>10'</td><td>3.4</td><td>13.8</td><td>34.3</td><td>7.4</td><td>17.1</td></tr> <tr><td>12'</td><td>2.1</td><td>17.8</td><td>21.4</td><td>6.4</td><td>10.7</td></tr> <tr><td>14'</td><td>1.5</td><td>21.5</td><td>14.8</td><td>5.4</td><td>7.3</td></tr> <tr><td>16'</td><td>1.1</td><td>25.5</td><td>10.8</td><td>4.4</td><td>5.3</td></tr> </table>											HT.	FT.	W% BEAM ANGLE	FO' F.C.	W% BEAM ANGLE	8'	8.4	10.2	83.7	8.4	21.9	10'	3.4	13.8	34.3	7.4	17.1	12'	2.1	17.8	21.4	6.4	10.7	14'	1.5	21.5	14.8	5.4	7.3	16'	1.1	25.5	10.8	4.4	5.3		
HT.	FT.	W% BEAM ANGLE	FO' F.C.	W% BEAM ANGLE																																											
8'	8.4	10.2	83.7	8.4	21.9																																										
10'	3.4	13.8	34.3	7.4	17.1																																										
12'	2.1	17.8	21.4	6.4	10.7																																										
14'	1.5	21.5	14.8	5.4	7.3																																										
16'	1.1	25.5	10.8	4.4	5.3																																										
GH 100M 100W MH100/C/U 1.0	630		<table border="1"> <tr><th>FROM °</th><th>I.C.P. LUMENS</th></tr> <tr><td>0°</td><td>2846</td></tr> <tr><td>15°</td><td>2782</td></tr> <tr><td>30°</td><td>2718</td></tr> <tr><td>45°</td><td>2654</td></tr> <tr><td>60°</td><td>2590</td></tr> <tr><td>75°</td><td>2526</td></tr> <tr><td>90°</td><td>2462</td></tr> </table>	FROM °	I.C.P. LUMENS	0°	2846	15°	2782	30°	2718	45°	2654	60°	2590	75°	2526	90°	2462	<table border="1"> <tr><th>THRU °</th><th>LUMENS</th><th>%</th></tr> <tr><td>0°-30°</td><td>2340</td><td>29.3</td></tr> <tr><td>0°-45°</td><td>3433</td><td>42.1</td></tr> <tr><td>0°-60°</td><td>4184</td><td>58.5</td></tr> <tr><td>0°-75°</td><td>4784</td><td>68.9</td></tr> <tr><td>0°-90°</td><td>4784</td><td>69.8</td></tr> </table>	THRU °	LUMENS	%	0°-30°	2340	29.3	0°-45°	3433	42.1	0°-60°	4184	58.5	0°-75°	4784	68.9	0°-90°	4784	69.8	1	85	84	82	80	80	80	80	80
				FROM °	I.C.P. LUMENS																																										
				0°	2846																																										
				15°	2782																																										
				30°	2718																																										
				45°	2654																																										
				60°	2590																																										
				75°	2526																																										
				90°	2462																																										
				THRU °	LUMENS	%																																									
0°-30°	2340	29.3																																													
0°-45°	3433	42.1																																													
0°-60°	4184	58.5																																													
0°-75°	4784	68.9																																													
0°-90°	4784	69.8																																													
2	80	58	57	55	54	54	54	54	54																																						
3	56	52	53	51	52	50	51	48	48																																						
4	52	48	50	47	48	46	47	44	44																																						
5	49	44	46	43	45	42	44	41	41																																						
6	44	40	43	39	42	39	41	38	38																																						
7	41	37	39	36	38	36	37	34	34																																						
8	38	34	37	33	36	33	35	32	32																																						
9	35	31	34	30	33	30	32	29	29																																						
10	32	28	32	28	31	28	30	27	27																																						
<table border="1"> <tr><th>HT.</th><th>FT.</th><th>W% BEAM ANGLE</th><th>FO' F.C.</th><th>W% BEAM ANGLE</th></tr> <tr><td>8'</td><td>8.4</td><td>11.3</td><td>84.1</td><td>8.3</td><td>47.0</td></tr> <tr><td>10'</td><td>3.1</td><td>15.4</td><td>58.8</td><td>8.8</td><td>25.3</td></tr> <tr><td>12'</td><td>2.2</td><td>19.5</td><td>31.5</td><td>10.9</td><td>15.6</td></tr> <tr><td>14'</td><td>1.7</td><td>23.6</td><td>21.5</td><td>13.2</td><td>12.8</td></tr> <tr><td>16'</td><td>1.3</td><td>27.6</td><td>16.8</td><td>10.5</td><td>7.9</td></tr> </table>											HT.	FT.	W% BEAM ANGLE	FO' F.C.	W% BEAM ANGLE	8'	8.4	11.3	84.1	8.3	47.0	10'	3.1	15.4	58.8	8.8	25.3	12'	2.2	19.5	31.5	10.9	15.6	14'	1.7	23.6	21.5	13.2	12.8	16'	1.3	27.6	16.8	10.5	7.9		
HT.	FT.	W% BEAM ANGLE	FO' F.C.	W% BEAM ANGLE																																											
8'	8.4	11.3	84.1	8.3	47.0																																										
10'	3.1	15.4	58.8	8.8	25.3																																										
12'	2.2	19.5	31.5	10.9	15.6																																										
14'	1.7	23.6	21.5	13.2	12.8																																										
16'	1.3	27.6	16.8	10.5	7.9																																										
GH 100H 100W H38AV-100/OX 1.0	880		<table border="1"> <tr><th>FROM °</th><th>I.C.P. LUMENS</th></tr> <tr><td>0°</td><td>1851</td></tr> <tr><td>15°</td><td>1801</td></tr> <tr><td>30°</td><td>1751</td></tr> <tr><td>45°</td><td>1701</td></tr> <tr><td>60°</td><td>1651</td></tr> <tr><td>75°</td><td>1601</td></tr> <tr><td>90°</td><td>1551</td></tr> </table>	FROM °	I.C.P. LUMENS	0°	1851	15°	1801	30°	1751	45°	1701	60°	1651	75°	1601	90°	1551	<table border="1"> <tr><th>THRU °</th><th>LUMENS</th><th>%</th></tr> <tr><td>0°-30°</td><td>1242</td><td>30.5</td></tr> <tr><td>0°-45°</td><td>1818</td><td>43.5</td></tr> <tr><td>0°-60°</td><td>2478</td><td>58.5</td></tr> <tr><td>0°-75°</td><td>2823</td><td>69.8</td></tr> <tr><td>0°-90°</td><td>2823</td><td>69.8</td></tr> </table>	THRU °	LUMENS	%	0°-30°	1242	30.5	0°-45°	1818	43.5	0°-60°	2478	58.5	0°-75°	2823	69.8	0°-90°	2823	69.8	1	85	84	82	80	80	80	80	80
				FROM °	I.C.P. LUMENS																																										
				0°	1851																																										
				15°	1801																																										
				30°	1751																																										
				45°	1701																																										
				60°	1651																																										
				75°	1601																																										
				90°	1551																																										
				THRU °	LUMENS	%																																									
0°-30°	1242	30.5																																													
0°-45°	1818	43.5																																													
0°-60°	2478	58.5																																													
0°-75°	2823	69.8																																													
0°-90°	2823	69.8																																													
2	80	58	57	55	54	54	54	54	54																																						
3	56	52	53	51	52	50	51	48	48																																						
4	52	48	50	47	48	46	47	44	44																																						
5	49	44	46	43	45	42	44	41	41																																						
6	44	40	43	39	42	39	41	38	38																																						
7	41	37	39	36	38	36	37	34	34																																						
8	38	34	37	33	36	33	35	32	32																																						
9	35	31	34	30	33	30	32	29	29																																						
10	32	28	32	28	31	28	30	27	27																																						
<table border="1"> <tr><th>HT.</th><th>FT.</th><th>W% BEAM ANGLE</th><th>FO' F.C.</th><th>W% BEAM ANGLE</th></tr> <tr><td>8'</td><td>8.4</td><td>10.8</td><td>81.2</td><td>8.7</td><td>30.8</td></tr> <tr><td>10'</td><td>3.3</td><td>14.5</td><td>52.8</td><td>7.8</td><td>18.5</td></tr> <tr><td>12'</td><td>2.1</td><td>18.3</td><td>30.5</td><td>9.9</td><td>10.3</td></tr> <tr><td>14'</td><td>1.4</td><td>22.2</td><td>14.0</td><td>12.0</td><td>7.0</td></tr> <tr><td>16'</td><td>1.0</td><td>26.0</td><td>10.2</td><td>10.1</td><td>5.1</td></tr> </table>											HT.	FT.	W% BEAM ANGLE	FO' F.C.	W% BEAM ANGLE	8'	8.4	10.8	81.2	8.7	30.8	10'	3.3	14.5	52.8	7.8	18.5	12'	2.1	18.3	30.5	9.9	10.3	14'	1.4	22.2	14.0	12.0	7.0	16'	1.0	26.0	10.2	10.1	5.1		
HT.	FT.	W% BEAM ANGLE	FO' F.C.	W% BEAM ANGLE																																											
8'	8.4	10.8	81.2	8.7	30.8																																										
10'	3.3	14.5	52.8	7.8	18.5																																										
12'	2.1	18.3	30.5	9.9	10.3																																										
14'	1.4	22.2	14.0	12.0	7.0																																										
16'	1.0	26.0	10.2	10.1	5.1																																										
GH 50S 50W L50S/O/MED	280		<table border="1"> <tr><th>FROM °</th><th>I.C.P. LUMENS</th></tr> <tr><td>0°</td><td>1721</td></tr> <tr><td>15°</td><td>1671</td></tr> <tr><td>30°</td><td>1621</td></tr> <tr><td>45°</td><td>1571</td></tr> <tr><td>60°</td><td>1521</td></tr> <tr><td>75°</td><td>1471</td></tr> <tr><td>90°</td><td>1421</td></tr> </table>	FROM °	I.C.P. LUMENS	0°	1721	15°	1671	30°	1621	45°	1571	60°	1521	75°	1471	90°	1421	<table border="1"> <tr><th>THRU °</th><th>LUMENS</th><th>%</th></tr> <tr><td>0°-30°</td><td>1270</td><td>33.4</td></tr> <tr><td>0°-45°</td><td>1777</td><td>46.8</td></tr> <tr><td>0°-60°</td><td>2342</td><td>59.0</td></tr> <tr><td>0°-75°</td><td>2583</td><td>62.2</td></tr> <tr><td>0°-90°</td><td>2583</td><td>62.2</td></tr> </table>	THRU °	LUMENS	%	0°-30°	1270	33.4	0°-45°	1777	46.8	0°-60°	2342	59.0	0°-75°	2583	62.2	0°-90°	2583	62.2	1	71	69	67	65	64	63	63	63
				FROM °	I.C.P. LUMENS																																										
				0°	1721																																										
				15°	1671																																										
				30°	1621																																										
				45°	1571																																										
				60°	1521																																										
				75°	1471																																										
				90°	1421																																										
				THRU °	LUMENS	%																																									
0°-30°	1270	33.4																																													
0°-45°	1777	46.8																																													
0°-60°	2342	59.0																																													
0°-75°	2583	62.2																																													
0°-90°	2583	62.2																																													
2	68	63	62	60	61	59	60	57	57																																						
3	51	58	58	56	57	55	56	53	53																																						
4	57	53	55	52	53	51	52	49	49																																						
5	53	49	51	48	50	47	49	46	46																																						
6	49	45	47	44	46	43	45	42	42																																						
7	45	41	44	40	43	40	42	39	39																																						
8	42	38	41	37	40	37	39	36	36																																						
9	39	35	38	35	37	34	36	33	33																																						
10	36	32	35	32	34	31	33	30	30																																						
<table border="1"> <tr><th>HT.</th><th>FT.</th><th>W% BEAM ANGLE</th><th>FO' F.C.</th><th>W% BEAM ANGLE</th></tr> <tr><td>8'</td><td>8.4</td><td>10.3</td><td>58.9</td><td>8.7</td><td>28.5</td></tr> <tr><td>10'</td><td>3.1</td><td>14.1</td><td>30.8</td><td>7.8</td><td>15.3</td></tr> <tr><td>12'</td><td>1.9</td><td>17.8</td><td>19.1</td><td>9.8</td><td>9.5</td></tr> <tr><td>14'</td><td>1.3</td><td>21.5</td><td>13.0</td><td>11.9</td><td>6.5</td></tr> <tr><td>16'</td><td>0.9</td><td>25.5</td><td>9.4</td><td>10.0</td><td>4.7</td></tr> </table>											HT.	FT.	W% BEAM ANGLE	FO' F.C.	W% BEAM ANGLE	8'	8.4	10.3	58.9	8.7	28.5	10'	3.1	14.1	30.8	7.8	15.3	12'	1.9	17.8	19.1	9.8	9.5	14'	1.3	21.5	13.0	11.9	6.5	16'	0.9	25.5	9.4	10.0	4.7		
HT.	FT.	W% BEAM ANGLE	FO' F.C.	W% BEAM ANGLE																																											
8'	8.4	10.3	58.9	8.7	28.5																																										
10'	3.1	14.1	30.8	7.8	15.3																																										
12'	1.9	17.8	19.1	9.8	9.5																																										
14'	1.3	21.5	13.0	11.9	6.5																																										
16'	0.9	25.5	9.4	10.0	4.7																																										
GH 70S 70W L70S/O/MED	500		<table border="1"> <tr><th>FROM °</th><th>I.C.P. LUMENS</th></tr> <tr><td>0°</td><td>2448</td></tr> <tr><td>15°</td><td>2398</td></tr> <tr><td>30°</td><td>2348</td></tr> <tr><td>45°</td><td>2298</td></tr> <tr><td>60°</td><td>2248</td></tr> <tr><td>75°</td><td>2198</td></tr> <tr><td>90°</td><td>2148</td></tr> </table>	FROM °	I.C.P. LUMENS	0°	2448	15°	2398	30°	2348	45°	2298	60°	2248	75°	2198	90°	2148	<table border="1"> <tr><th>THRU °</th><th>LUMENS</th><th>%</th></tr> <tr><td>0°-30°</td><td>1804</td><td>33.4</td></tr> <tr><td>0°-45°</td><td>2528</td><td>46.8</td></tr> <tr><td>0°-60°</td><td>3188</td><td>59.0</td></tr> <tr><td>0°-75°</td><td>3359</td><td>62.2</td></tr> <tr><td>0°-90°</td><td>3359</td><td>62.2</td></tr> </table>	THRU °	LUMENS	%	0°-30°	1804	33.4	0°-45°	2528	46.8	0°-60°	3188	59.0	0°-75°	3359	62.2	0°-90°	3359	62.2	1	68	67	64	63	62	61	61	61
				FROM °	I.C.P. LUMENS																																										
				0°	2448																																										
				15°	2398																																										
				30°	2348																																										
				45°	2298																																										
				60°	2248																																										
				75°	2198																																										
				90°	2148																																										
				THRU °	LUMENS	%																																									
0°-30°	1804	33.4																																													
0°-45°	2528	46.8																																													
0°-60°	3188	59.0																																													
0°-75°	3359	62.2																																													
0°-90°	3359	62.2																																													
2	63	61	60	58	59	57	58	55	55																																						
3	59	55	56	54	55	53	54	51	51																																						
4	55	51	53	49	51	49	50	46	46																																						
5	51	47	49	46	48	45	47	44	44																																						
6	47	43	45	42	44	41	43	40	40																																						
7	44	40	42	39	41	38	40	37	37																																						
8	41	37	39	36	38	35	37	34	34																																						
9	38	34	37	34	36	33	35	32	32																																						
10	35	32	35	31	34	31	33	30	30																																						
<table border="1"> <tr><th>HT.</th><th>FT.</th><th>W% BEAM ANGLE</th><th>FO' F.C.</th><th>W% BEAM ANGLE</th></tr> <tr><td>8'</td><td>8.4</td><td>10.3</td><td>40.9</td><td>4.7</td><td>40.4</td></tr> <tr><td>10'</td><td>4.3</td><td>14.1</td><td>43.5</td><td>7.8</td><td>21.7</td></tr> <tr><td>12'</td><td>2.7</td><td>17.8</td><td>27.1</td><td>9.8</td><td>13.8</td></tr> <tr><td>14'</td><td>1.8</td><td>21.5</td><td>18.5</td><td>11.9</td><td>9.2</td></tr> <tr><td>16'</td><td>1.3</td><td>25.5</td><td>13.4</td><td>10.0</td><td>6.7</td></tr> </table>											HT.	FT.	W% BEAM ANGLE	FO' F.C.	W% BEAM ANGLE	8'	8.4	10.3	40.9	4.7	40.4	10'	4.3	14.1	43.5	7.8	21.7	12'	2.7	17.8	27.1	9.8	13.8	14'	1.8	21.5	18.5	11.9	9.2	16'	1.3	25.5	13.4	10.0	6.7		
HT.	FT.	W% BEAM ANGLE	FO' F.C.	W% BEAM ANGLE																																											
8'	8.4	10.3	40.9	4.7	40.4																																										
10'	4.3	14.1	43.5	7.8	21.7																																										
12'	2.7	17.8	27.1	9.8	13.8																																										
14'	1.8	21.5	18.5	11.9	9.2																																										
16'	1.3	25.5	13.4	10.0	6.7																																										
GH 100S 100W L100S/O/MED	800		<table border="1"> <tr><th>FROM °</th><th>I.C.P. LUMENS</th></tr> <tr><td>0°</td><td>3188</td></tr> <tr><td>15°</td><td>3138</td></tr> <tr><td>30°</td><td>3088</td></tr> <tr><td>45°</td><td>3038</td></tr> <tr><td>60°</td><td>2988</td></tr> <tr><td>75°</td><td>2938</td></tr> <tr><td>90°</td><td>2888</td></tr> </table>	FROM °	I.C.P. LUMENS	0°	3188	15°	3138	30°	3088	45°	3038	60°	2988	75°	2938	90°	2888	<table border="1"> <tr><th>THRU °</th><th>LUMENS</th><th>%</th></tr> <tr><td>0°-30°</td><td>2341</td><td>33.4</td></tr> <tr><td>0°-45°</td><td>4118</td><td>46.8</td></tr> <tr><td>0°-60°</td><td>5193</td><td>59.0</td></tr> <tr><td>0°-75°</td><td>5674</td><td>62.2</td></tr> <tr><td>0°-90°</td><td>5674</td><td>62.2</td></tr> </table>	THRU °	LUMENS	%	0°-30°	2341	33.4	0°-45°	4118	46.8	0°-60°	5193	59.0	0°-75°	5674	62.2	0°-90°	5674	62.2	1	68	67	64	63	62	61	61	61
				FROM °	I.C.P. LUMENS																																										
				0°	3188																																										
				15°	3138																																										
				30°	3088																																										
				45°	3038																																										
				60°	2988																																										
				75°	2938																																										
				90°	2888																																										
				THRU °	LUMENS	%																																									
0°-30°	2341	33.4																																													
0°-45°	4118	46.8																																													
0°-60°	5193	59.0																																													
0°-75°	5674	62.2																																													
0°-90°	5674	62.2																																													
2	63	61	60	58	59	57	58	55	55																																						
3	59	55	56	54	55	53	54	51	51																																						
4	55	51	53	49	51	49	50	46	46																																						
5	51	47	49	46	48	45	47	44	44																																						
6	47	43	45	42	44	41	43	40	40																																						
7	44	40	42	39	41	38	40	37	37																																						
8	41	37	39	36	38	35	37	34	34																																						
9	38	34	37	34	36	33	35	32	32																																						
10	35	32	35	31	34	31	33	30	30																																						
<table border="1"> <tr><th>HT.</th><th>FT.</th><th>W% BEAM ANGLE</th><th>FO' F.C.</th><th>W% BEAM ANGLE</th></tr> <tr><td>8'</td><td>8.4</td><td>10.3</td><td>131.8</td><td>8.7</td><td>85.9</td></tr> <tr><td>10'</td><td>7.1</td><td>14.1</td><td>70.3</td><td>7.8</td><td>35.4</td></tr> <tr><td>12'</td><td>4.4</td><td>17.8</td><td>44.2</td><td>9.8</td><td>22.1</td></tr> <tr><td>14'</td><td>3.0</td><td>21.5</td><td>30.1</td><td>11.9</td><td>15.1</td></tr> <tr><td>16'</td><td>2.2</td><td>25.5</td><td>21.8</td><td>10.0</td><td>10.3</td></tr> </table>											HT.	FT.	W% BEAM ANGLE	FO' F.C.	W% BEAM ANGLE	8'	8.4	10.3	131.8	8.7	85.9	10'	7.1	14.1	70.3	7.8	35.4	12'	4.4	17.8	44.2	9.8	22.1	14'	3.0	21.5	30.1	11.9	15.1	16'	2.2	25.5	21.8	10.0	10.3		
HT.	FT.	W% BEAM ANGLE	FO' F.C.	W% BEAM ANGLE																																											
8'	8.4	10.3	131.8	8.7	85.9																																										
10'	7.1	14.1	70.3	7.8	35.4																																										
12'	4.4	17.8	44.2	9.8	22.1																																										
14'	3.0	21.5	30.1	11.9	15.1																																										
16'	2.2	25.5	21.8	10.0	10.3																																										

ENCASED AND POTTED BALLAST ELECTRICAL CHARACTERISTICS

WATTAGE BALLAST	MAXIMUM LINE CURRENT (277V)	PRIMARY DISCONNECT VOLTAGE (277V)	INPUT WATTS
Metal Halide (Power Factor 90%)			
70W	20/27	80/28	81
100W	13/27	80/28	118
Mercury Vapor (Power Factor 90%)			
100W	13/27	80/28	118
High Pressure Sodium (Power Factor 90%)			
70W	20/27	80/22	75
100W	13/27	80/22	118
150W	13/27	80/22	175

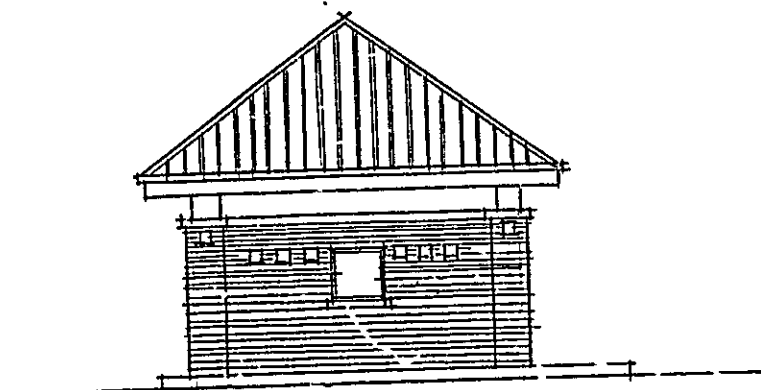
IMPORTANT: Plug-in lampholders provided are polarized and must be used 120 or 277. Fixture is shipped with ballast plugged into 277. If 277 is required, no action is necessary at time of installation. For 120 volt operation, unplug 277-lead; plug into 120 receptacle.

GH-35

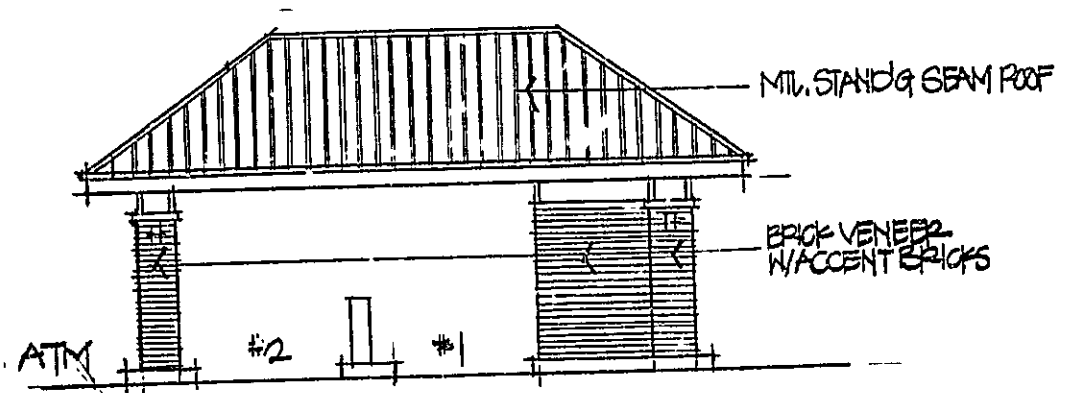
LITHONIA DOWNLIGHTING
 DOWNLIGHTS & TRACK SYSTEMS
 A DIVISION OF LITHONIA LIGHTING
 P.O. BOX 77, CHAMBERLAIN, IOWA 51113 TELEPHONE 319-382-1100 - FAX 319-382-9000

Tested to current IES and NEMA standards under standardized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this catalog sheet are based on the most current available data and are subject to change without notice.

© 1989 Lithonia Lighting 7/89
 Division, National Service Industries



Elevation facing bank building



Elevation facing street

PDT
 PORTLAND DESIGN TEAM
 The Victoria Carriage House
 105 Danforth Street
 Portland, Maine 04101
 207 775 1059
 Fax 207 775 2694

▶ PROJECT	FLEET BANK	▶ DATE	11.27.91
	Maine Savings Plaza	▶ SCALE	1/8" = 1'-0"
▶ TITLE	Remote Teller Building	▶ SHEET	