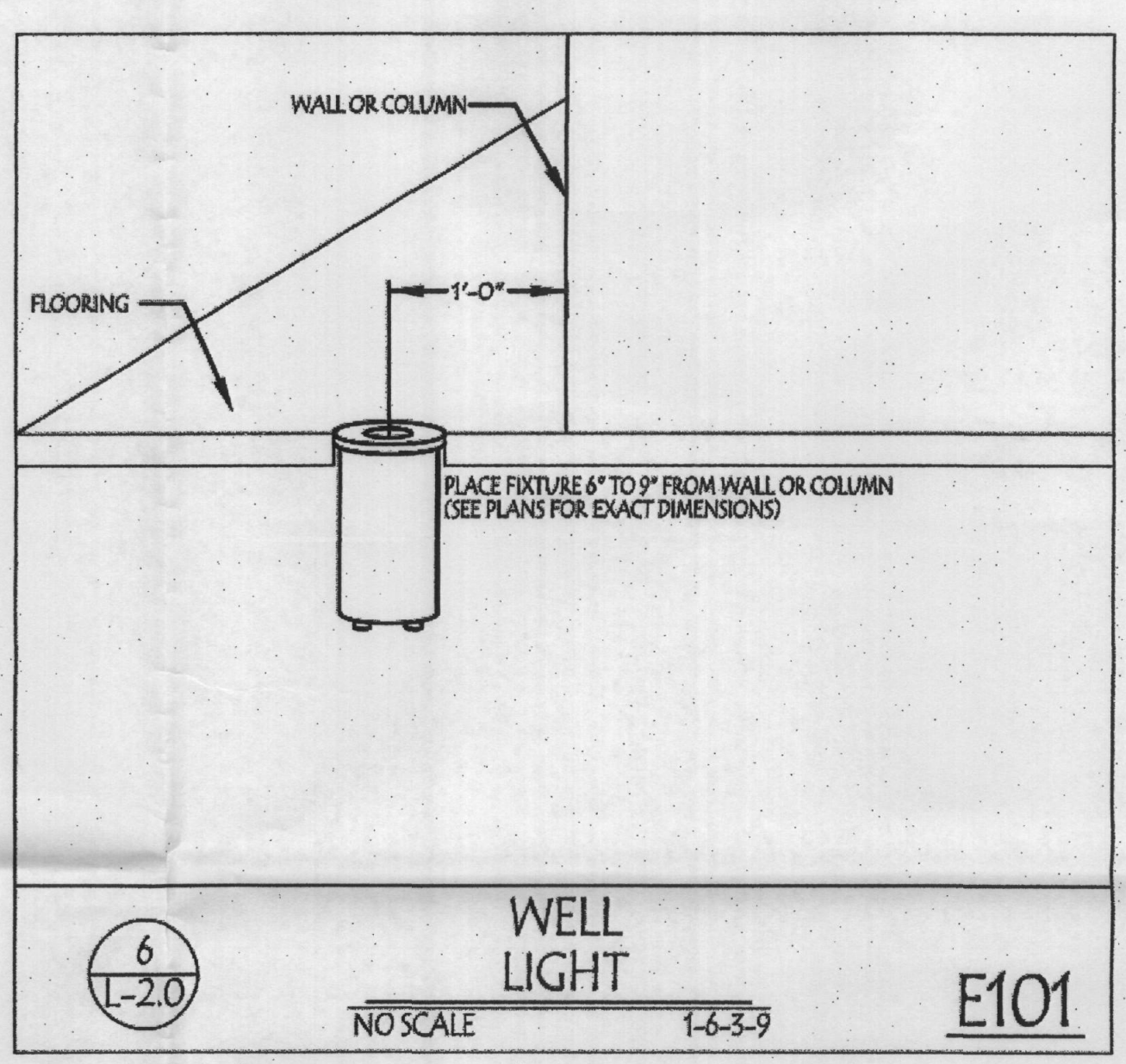
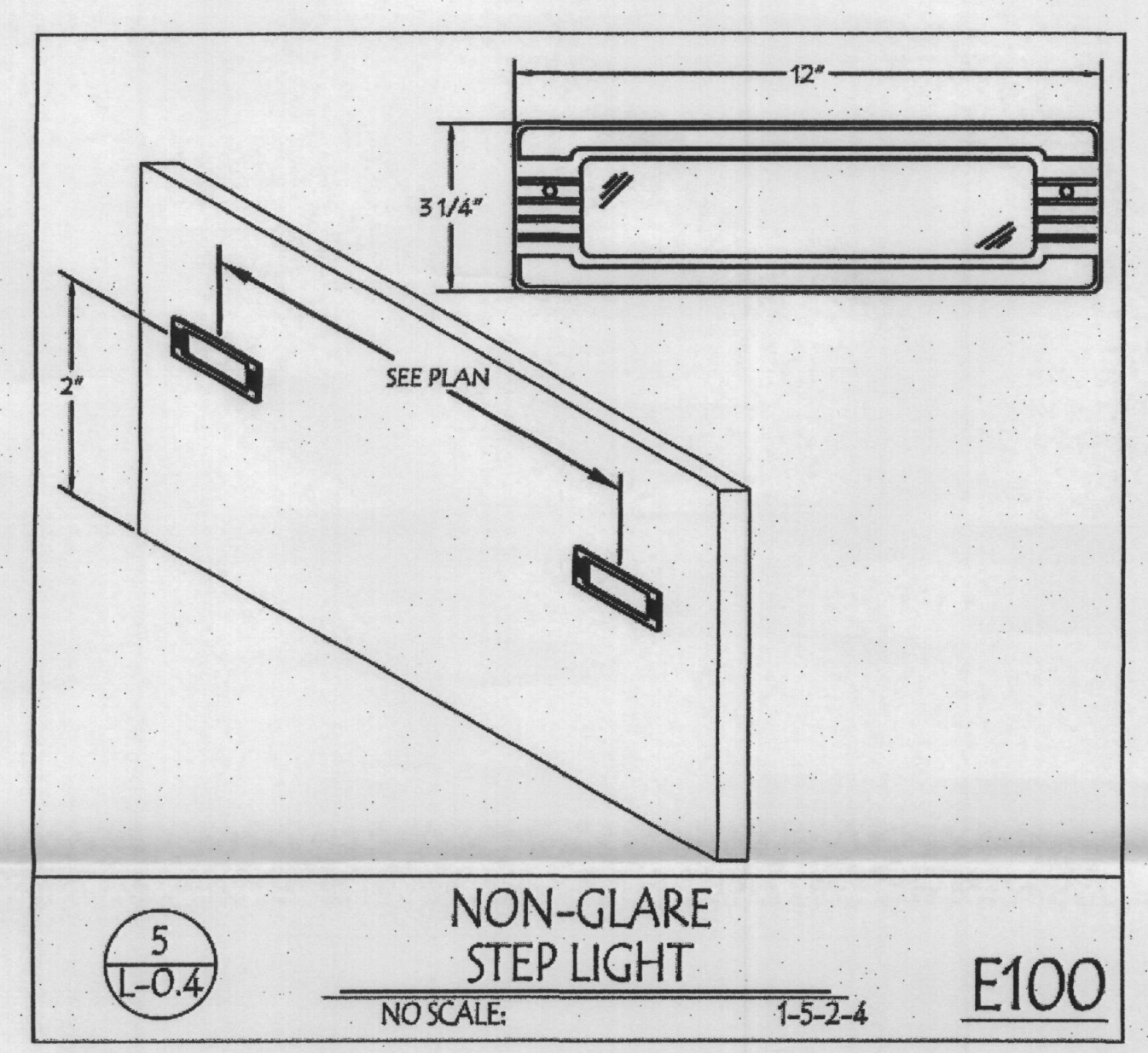
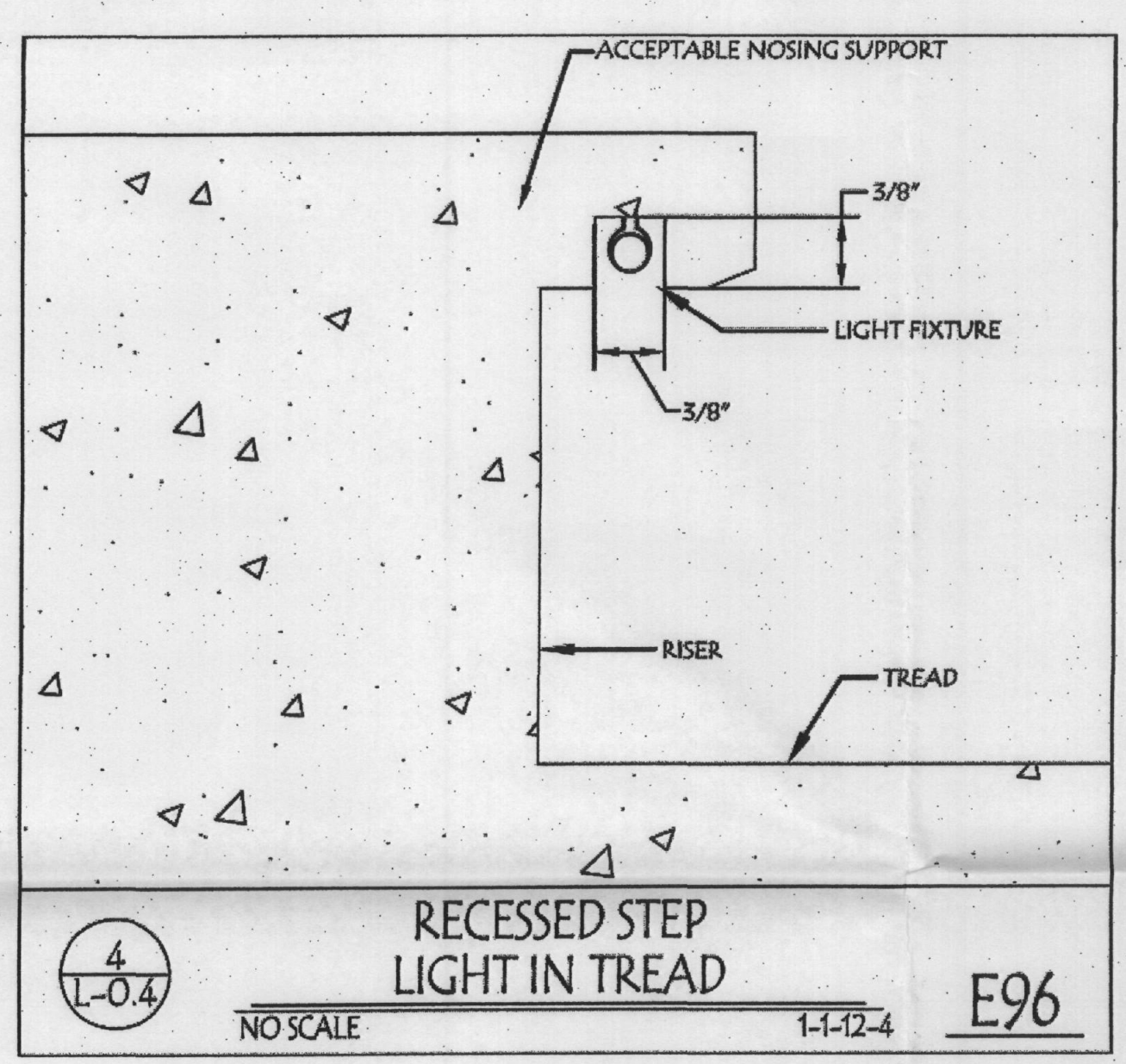
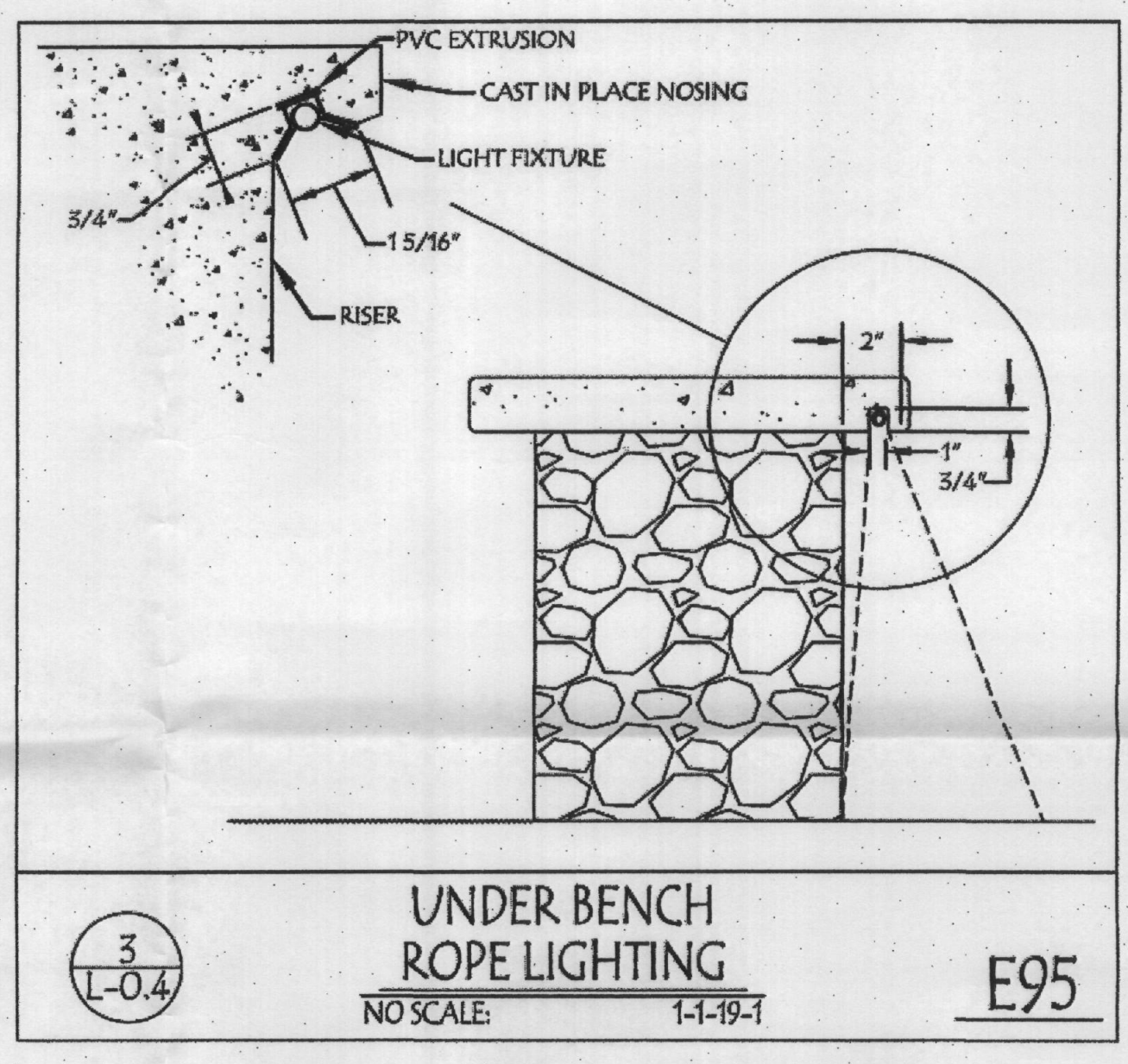
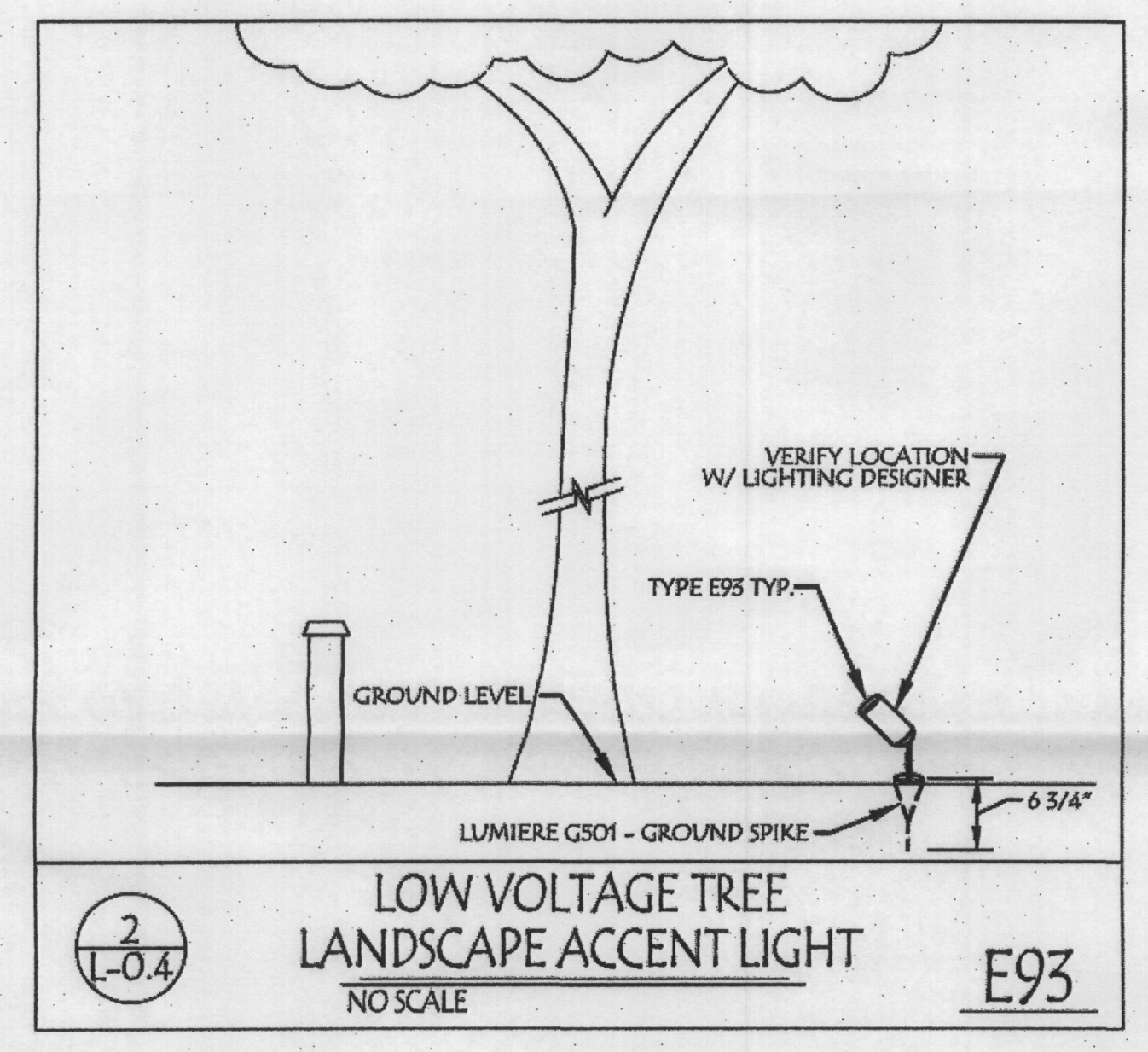
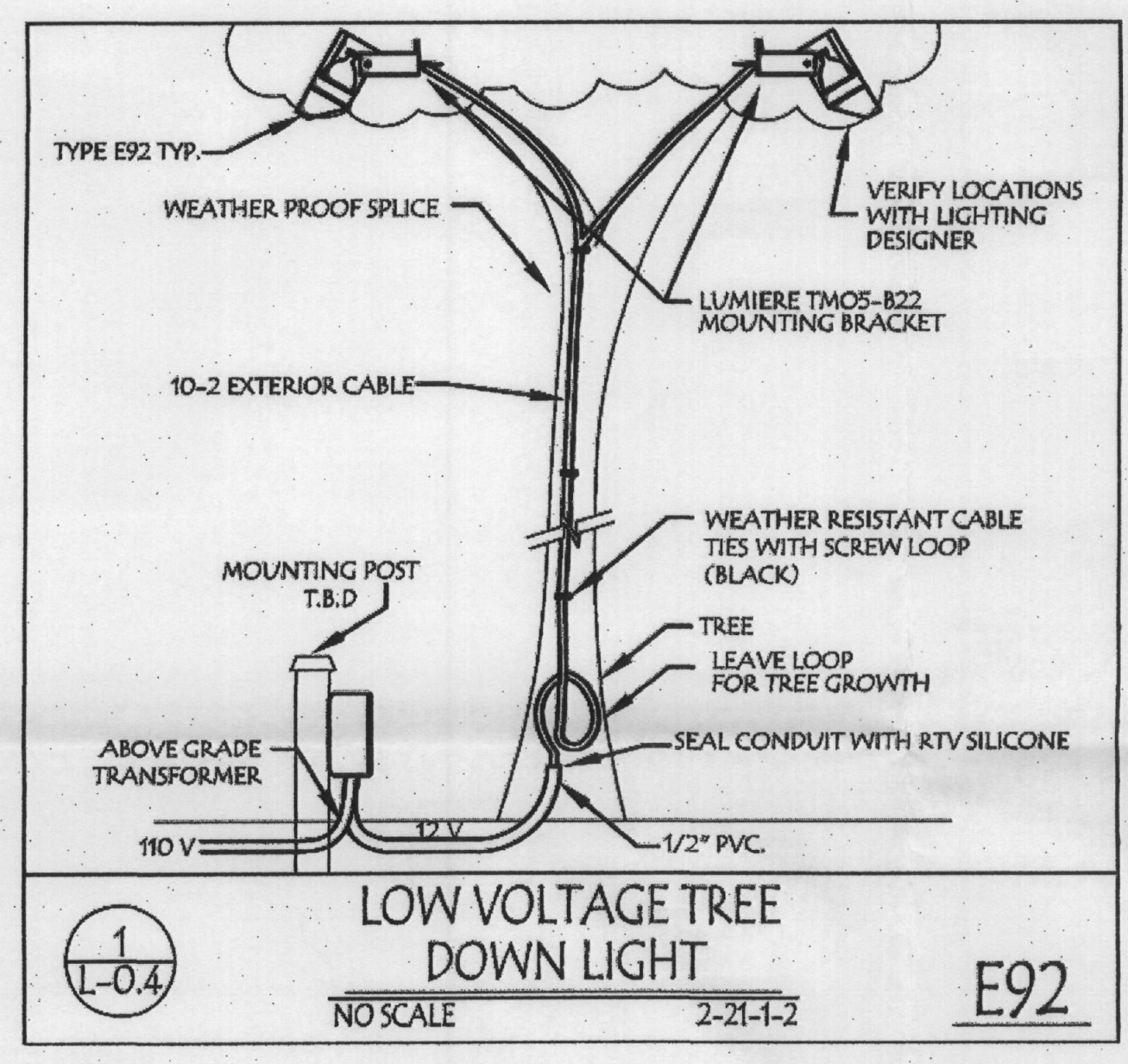


ADAPTIVE DESIGN GROUP, INC.
 A BLUCC® MEMBER COMPANY
 Principals
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CONTRACTED SCOPE OF SERVICE:

TYPE	ADAPTIVE	DESCRIPTION	HOUSING		IC	AT	DIMENSIONS			MOUNTING	TRANSFORMER	BALLAST	VOLTS	WATTS	TRIM		FINISH	LAMP		LENS		LOUVER		DIMMING	SPECIAL NOTES		
			MANUF	PART #			DEPTH	WIDTH	LENGTH						MANUF	PART #		MANUF	PART #	MANUF	PART #	MANUF	PART #			MANUF	PART #
E90	⊕	EXTERIOR	RECESSED 12V DOWNLIGHT	HALO	H1489T	NON	NO	5 1/2"	5 1/4"	8"	RECESSED	INTEGRAL MAGNETIC	N/A	120V/12V	35W	HALO	142IC	CLEAR	35 W MR16 FL 38 EUROSAR	USHIO	1000564 (11WV) 30W MR16 FL 38	HALO	L111	N/A	N/A	YES	PAINT TRIM TO MATCH CEILING
E91	⊕	EXTERIOR	RECESSED 120V DOWNLIGHT	HALO	H7T	NO	NO	7 1/2"	7 1/2"	10 3/2"	RECESSED	CEILING	N/A	N/A	120V	75W	HALO	428	CLEAR	75W PAR30 WFL	PHILIPS	28481-9 10PAR30 WFL	N/A	N/A	N/A	YES	PAINT TRIM TO MATCH CEILING
E92	⊕	EXTERIOR	TREE MOUNTED 12V DOWNLIGHT	LUMIERE	203-SOMR16-12-3Z	NON	NO	N/A	2 1/4"	7"	SURFACE TREE	REMOTE MAGNETIC	N/A	12V	20W	LUMIERE	TMO3-BZ MOUNTING BRKT	BRONZE	20 W MR16 FL 38 EUROSAR	USHIO	1000564 (11WV) 30W MR16 FL 38	N/A	N/A	N/A	YES	FIXTURE TO BE MOUNTED TO TREE LIMB POINTED DOWNWARD. FIXTURE INCLUDES INTEGRAL GLARE SHIELD TO PREVENT GLARE.	
E93	--	EXTERIOR	GROUND MOUNTED 12V UPLIGHT	LUMIERE	203-SOMR16-12-3Z	NON	NO	N/A	2 1/4"	7"	SURFACE TREE	REMOTE MAGNETIC	N/A	12V	20W	LUMIERE	CS01 GROUND SPIKE	BRONZE	20 W MR16 FL 38 EUROSAR	USHIO	1000564 (11WV) 30W MR16 FL 38	N/A	N/A	N/A	YES	FIXTURE TO BE MOUNTED IN GROUND AIMING AT LANDSCAPE FOLIAGE. FIXTURE INCLUDES INTEGRAL GLARE SHIELD TO PREVENT GLARE.	
E94	□	EXTERIOR	GROUND MOUNTED 120V SIGN LIGHT	KIM	EL215B	NO	NO	3"	5 1/2"	8 1/4"	SURFACE - GROUND	N/A	N/A	120V	50W	KIM	EP17 POWER POST MTS	BRONZE	50W T04	PHILIPS	18003-2 30000CFL	KIM	INCLUDED	KIM	B05H06 BARN DOORS	YES	SIGN LIGHTING FIXTURE
E95	--	EXTERIOR	RECESSED LINEAR 24V STEPLIGHT	ROBERTS	RV-3RD-CL-T8D	NO	NO	3/4"	1 5/16"	T8D	RECESSED UNDERCUT	REMOTE MAGNETIC	N/A	12V	8W PER FOOT	N/A	N/A	CLEAR	1W 2300K @ 2" O.C.	ROBERTS	INCLUDED	ROBERTS	INCLUDED	N/A	N/A	YES	FIXTURE TO BE CAST IN PLACE WHEN CONCRETE SEAT IS CAST. VERIFY RADIUS OF SEAT WITH FACTORY PRIOR TO ORDERING. USE WITH ADVANCE BRICK FL-120A-000W-25F4 TO BE INSTALLED RECESSED UNDER EACH STEP.
E96	--	EXTERIOR	RECESSED LINEAR LED STEPLIGHT	THE LED COMPANY	5" SPACED WARM WHITE LED	N/A	NO	3/8"	3/8"	LINEAR	REMOTE DRIVER	N/A	120V/12V	3W PER FOOT	N/A	N/A	WHITE	WARM WHITE LED	INCLUDED	INCLUDED	INCLUDED	INCLUDED	N/A	N/A	NO	TO BE MOUNTED TO CONCRETE BASE WITH ANCHOR BOLTS.	
E97	+	EXTERIOR	SHORT FLUORESCENT BOLLARD	KIM	CB32/42P/DB-P	NO	NO	32"	8" DIA	8" DIA	SURFACE - GROUND	N/A	INTEGRAL	120V	28W	N/A	N/A	BRONZE	PL-T 32W 3000K	PHILIPS	2882-4 PLT32W/30/4P	N/A	N/A	KIM	INCLUDED	NO	TO BE MOUNTED TO CONCRETE BASE WITH ANCHOR BOLTS.
E98	+	EXTERIOR	TALL FLUORESCENT BOLLARD	KIM	VB32/42P/DB-P	NO	NO	43"	8"	8"	SURFACE - GROUND	N/A	INTEGRAL MAGNETIC	120V	42W	N/A	N/A	BRONZE	PL-T 42W 3000K	PHILIPS	2887-0 PLT42W/30/4P	N/A	N/A	KIM	INCLUDED	NO	TO BE MOUNTED TO CONCRETE BASE WITH ANCHOR BOLTS.
E99	⊕	EXTERIOR	GROUND MOUNTED 120V ACCENT LIGHT	KIM	EL700B	NO	NO	9"	5 1/8"	7"	SURFACE - GROUND	N/A	N/A	120V	50W	KIM	EP17 POWER POST MTS	BRONZE	50W PAR30 FL	PHILIPS	18003-2 30000CFL	N/A	N/A	KIM	AG4706 ADJ GLARE	YES	GATE LIGHTING FIXTURE
E100	⊕	EXTERIOR	RECESSED FLUORESCENT LOUVERED STEPLIGHT	GARDCO	941-U-1TRIP-LV-120-B8F	NO	NO	3 1/2"	12"	3 1/4"	RECESSED WALL	N/A	INTEGRAL MAGNETIC	120V	18W	GARDCO	INCLUDED	BRONZE	PL-C 13W 3000K	PHILIPS	PLC13W/30/0.15	GARDCO	INCLUDED	GARDCO	INCLUDED	NO	VERIFY LAMP COMPATIBILITY PRIOR TO ORDERING.
E101	⊕	EXTERIOR	IN-GRADE 12V UPLIGHT	KIM	LV164MR/SOLV120	NO	NO	7 1/2"	8" DIA	8" DIA	RECESSED GROUND	INTEGRAL ELECTRONIC	N/A	120V/12V	35W	KIM	INCLUDED	BRASS	35 W MR16 FL 38 EUROSAR	USHIO	1000564 (11WV) 30W MR16 FL 38	KIM	PL73	KIM	TRIM RING	YES	FIXTURE TO BE INSTALLED PRIOR TO FINISHED FLOORING. SPECIFIED TRIM RING TO ALLOW FOR RELAMPING.



- Sereno Canyon Landscape Lighting Notes:**
- Backlit signage will be used at the Alameda Street entry.
 - Type E93 low voltage fixtures will be used to accent various landscape items
 - Type E94 sign lighting fixtures utilize barn doors to help prevent glare
 - Types E97 & E98 are louvered bollard that do not allow direct view of the lamp
 - Type E99 fixture is for lighting the gates beyond the guardhouse (quantity of (4) fixtures)
 - Type E100 fixtures is louvered and does not allow direct viewing of the lamp above the horizontal line
 - Type E101 low voltage uplights are used at the Retreat and Guardhouse buildings underneath the roof overhang
 - Additional lighting will be provided inside the Retreat Pool & Spa
 - No fixture shall be mounted higher than 16 feet above grade
 - No individual lamp shall exceed 250 watts
 - Lighting Curfews:
 - The downlights and uplights at the Retreat shall operate from dusk until 12AM
 - The downlights and uplights at the Guardhouse and Entry Gate shall operate from dusk until dawn
 - The bollards and sign lighters at the Retreat, Guard House, and Entry shall operate from dusk until dawn
 - The landscape lighting fixtures shall operate from dusk until 12AM
 - The steplighting and other exterior fixtures at the Retreat shall operate from dusk until 12AM

ADAPTIVE DESIGN GROUP INC ARCHITECTURAL LIGHTING DETAILS ARE FOR REFERENCE ONLY. PLEASE REFER TO THE ARCHITECTS INTERIOR DETAILING FOR FINAL DIMENSIONS. COORDINATE ALL CABINET LIGHTING & POWER APPLICATIONS WITH CABINET MAKER.

ARCHITECT
 INTERIOR DESIGNER
 BUILDER

SERENO CANYON

PRINCIPAL SIGNATURE

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 ADAPTIVE DESIGN GROUP INC.
 2007

REVISIONS

NO.	DATE	DESCRIPTION

DATE: 10/18/07
 JOB NUMBER: 20070424
 SCALE: 1"=20'-0"
 DRAWN BY: SWD, JRK, MMJ

LANDSCAPE LIGHTING DETAILS

LS-0.4

Architecture

Decorative

Art

Path

Task

Interior Design

View

Exterior™

Decorative

Art

Path

Task

Interior Design

View

Exterior™

TYPE E92 & 93 Lumière

DESCRIPTION
Cambria 203 is an ultra compact 100% aluminum pendant fixture. It is available with a fully adjustable arm (E92) or a fixed arm (E93). Various lenses, lenses and color or diffuse filters can be combined up to three at once to create multiple lighting effects. Luminaire's wide-angle beam provides uniform illumination from approximately 180 degrees.

INCORPORATION FEATURES
A. Material: Housing, head and mounting stem are precision machined from corrosion resistant 6061-T6 aluminum. Lens, lens frame, copper or stainless steel.
B. Finish: Painted: Fluorescent coating from 6001-T6 aluminum can be protected by a chrome or copper plating. Custom powder coated (PSC) or anodized (AO) finishes for any color. Custom clear anodized (CA) finish for an outdoor environment. A variety of standard colors are available.
C. Lens: Brass, Bronze, Copper or Stainless Steel. Fluorescent coated lens brass, copper or stainless steel are left unpainted to reveal the natural beauty of the material. Brass, bronze and copper will patina naturally over time.
D. Head: Head is removable for easy entering and connecting to stem. Internal accessories are easily accessed. Head is available in multiple finishes. Head 203 is available in clear, bronze, copper or stainless steel. Head 203 is available in clear, bronze, copper or stainless steel. Head 203 is available in clear, bronze, copper or stainless steel.
E. Mounting: Mounting stem is available in multiple finishes. Mounting stem is available in multiple finishes. Mounting stem is available in multiple finishes.
F. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
G. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
H. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
I. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
J. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
K. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
L. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
M. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
N. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
O. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
P. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
Q. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
R. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
S. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
T. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
U. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
V. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
W. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
X. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
Y. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.
Z. Lens: Lens is available in multiple finishes. Lens is available in multiple finishes. Lens is available in multiple finishes.

CAMBRIA 203
100% Aluminum
Low Voltage
Adjustable

TYPE E92 & 93 Cambria

PROFORMING DATA

Model	Material	Finish	Weight	Dimensions
Cambria 203 Lamp-Adjustable (E92)	Aluminum	Clear	1.5 lbs	2 1/2" x 2 1/2" x 12"
Cambria 203 Lamp-Fixed (E93)	Aluminum	Clear	1.5 lbs	2 1/2" x 2 1/2" x 12"

DESCRIPTION
Luminaire offers a variety of surface, wall and tree mounting accessories. All are equipped with standard 1/2" NPT threaded mounting hole to accept stems with 1/2" NPT threaded inserts. Customized stems are constructed from die-cast aluminum, double protected by a chrome or copper plating and polyurethane powder coated finish. Specify color BR, BZ, CS, VE, WTL. Two inserts are constructed from stainless steel. Specify finish BRSS, BZL.

ACCESSORIES
Surface, Wall & Tree Mounting Accessories

DESCRIPTION
Luminaire offers a variety of surface, wall and tree mounting accessories. All are equipped with standard 1/2" NPT threaded mounting hole to accept stems with 1/2" NPT threaded inserts. Customized stems are constructed from die-cast aluminum, double protected by a chrome or copper plating and polyurethane powder coated finish. Specify color BR, BZ, CS, VE, WTL. Two inserts are constructed from stainless steel. Specify finish BRSS, BZL.

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TYPE E92 Lumière

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Surface, Wall & Tree Mounting Accessories

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TYPE E92 Lumière

ACCESSORIES
Ground Mounting Accessories for Low Voltage Fixtures

DESCRIPTION
Luminaire offers a variety of ground mounting accessories for low voltage fixtures. See the following pages to confirm that the desired mounting accessory is available for use with desired fixture.

ACCESSORIES
Ground Mounting Accessories for Low Voltage Fixtures

DESCRIPTION
Luminaire offers a variety of ground mounting accessories for low voltage fixtures. See the following pages to confirm that the desired mounting accessory is available for use with desired fixture.

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Ground Mounting Accessories for Low Voltage Fixtures

DESCRIPTION
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ADAPTIVE DESIGN GROUP INC.
Landscape Lighting & Construction Management

Principals
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Kris Wilde LC, IALD
Chad Morris PE

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CONTRACTED SPECIES OF SERVICE

- ARCHITECTURAL DESIGN & SPECIFICATIONS
- ILLUMINATING CONTROL DESIGN
- CONTROL PROCESSOR PROGRAMMING
- ELECTRICAL ENGINEERING
- CONSTRUCTION MANAGEMENT
- FINAL AIM, TUNING, & SCENE SETTING
- LANDSCAPE LIGHTING DESIGN
- CUSTOMIZED BLIND/SHAPE DESIGN
- TELEPHONE SYSTEM DESIGN
- HOME NETWORK DESIGN
- DISTRIBUTED AUDIO-VISIO DESIGN
- SECURITY SYSTEM COORDINATION
- INTEGRATION DESIGN

ARCHITECT
INTERIOR DESIGNER
BUILDER

TYPE 94 Micro-Flood® EL215
120 Volt Die-Cast Aluminum, T-3 / T-4 Halogen
model 91462 • e1215.pdf

FIXTURE OPTIONS
EL215DB
Non-adjustable
Type: T-3
Job: T-4

APPROVALS
Date: Page: 3 of 5

Specifications
Housing and Lens Frame: Die-cast aluminum. Swivel Die-cast aluminum with locking knob and 1/2" wide base NPT mount. Provides horizontal rotation independent of the floodhead mount. Swivel lock by 1/4" clockwise and screw. Clear anodized (CA) or chrome conversion coating for added corrosion resistance. Reflector: Specular Alzak® aluminum, painted. Lens: Clear 80 tempered glass with silicone gasket. Fasteners: Stainless steel. Stocked Microlite. Wiring: No. 18 AWG 200°C. Finish: Super TFC die-cast powder coat paint, 2.5 mil nominal thickness, applied over aluminum conversion coating. 2500 hour salt spray test endurance rating. Standard colors are Black (BK), Dark Bronze (DB), and White (WH). Certifications: UL Listed by UL, and Canadian safety standards for wet locations. Fixture manufacturer shall employ a quality program that is certified to meet the ISO 9001:2000 standard.

ORDERING INFORMATION
Finish: Black, Dark Bronze, White, Clear
Voltage: 120V
Wattage: 50W, 75W, 100W, 150W, 200W, 300W, 400W, 500W, 600W, 700W, 800W, 900W, 1000W, 1200W, 1500W, 2000W, 2500W, 3000W, 4000W, 5000W, 6000W, 7000W, 8000W, 9000W, 10000W

TYPE 94 Micro-Flood® EL215
120 Volt Die-Cast Aluminum, T-3 / T-4 Halogen
model 91462 • e1215.pdf

FIXTURE OPTIONS
EL215DB
Non-adjustable
Type: T-3
Job: T-4

APPROVALS
Date: Page: 4 of 5

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Voltage: 120V
Wattage: 50W, 75W, 100W, 150W, 200W, 300W, 400W, 500W, 600W, 700W, 800W, 900W, 1000W, 1200W, 1500W, 2000W, 2500W, 3000W, 4000W, 5000W, 6000W, 7000W, 8000W, 9000W, 10000W

TYPE 94 Micro-Flood® EL215
120 Volt Die-Cast Aluminum, T-3 / T-4 Halogen
model 91462 • e1215.pdf

FIXTURE OPTIONS
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APPROVALS
Date: Page: 5 of 5

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Wattage: 50W, 75W, 100W, 150W, 200W, 300W, 400W, 500W, 600W, 700W, 800W, 900W, 1000W, 1200W, 1500W, 2000W, 2500W, 3000W, 4000W, 5000W, 6000W, 7000W, 8000W, 9000W, 10000W

TYPE 94 Micro-Flood® EL215
120 Volt Die-Cast Aluminum, T-3 / T-4 Halogen
model 91462 • e1215.pdf

FIXTURE OPTIONS
EL215DB
Non-adjustable
Type: T-3
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APPROVALS
Date: Page: 5 of 5

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Finish: Black, Dark Bronze, White, Clear
Voltage: 120V
Wattage: 50W, 75W, 100W, 150W, 200W, 300W, 400W, 500W, 600W, 700W, 800W, 900W, 1000W, 1200W, 1500W, 2000W, 2500W, 3000W, 4000W, 5000W, 6000W, 7000W, 8000W, 9000W, 10000W

SERENO CANYON

PRINCIPAL SIGNATURE

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ADAPTIVE DESIGN GROUP INC
2007

REVISIONS

DATE: 10/8/07 SCALE: N/A
JOB NUMBER: 20070424 DRAWN BY: SWD, JRK, MMJ

LANDSCAPE CUT SHEETS

LS-0.6

1655-07-3
APPROVED
FINAL PLANS
4-16-08
DATE: 11-3-08-2005 #42
30-SA-2008

Decorative

Art

Path

Task

Interior

View

Exterior

THE LED COMPANY

5 and 1 INCH FLEXIBLE ARRAY

INPUT VOLTAGE: 12-15 VOLTS DC

CURRENT DRAW: 1" SPACED >1.4 W PER FT. 5" SPACED >2.7 W PER FT.

D CHANNEL TUBE: .325" X .325" CLEAR FLEXIBLE PVC

LENGTH: CUSTOM TO 20 FEET

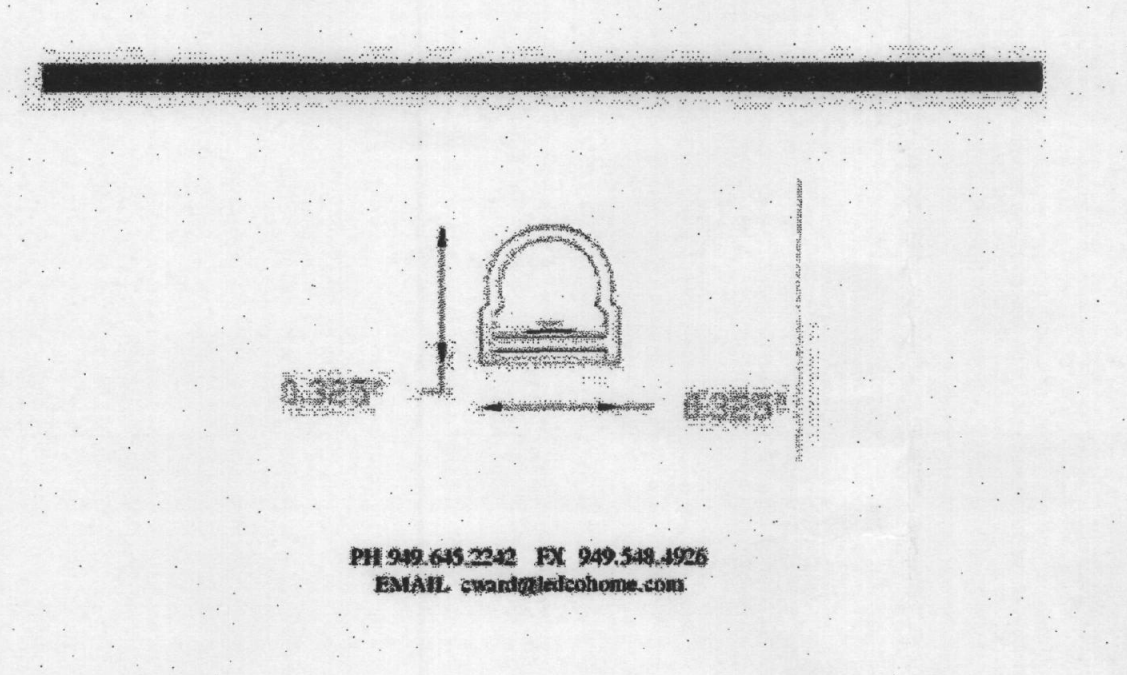
INCREMENT: 5" SPACING => 1.5" 1" SPACING => 3"

ADHESION: 3M DOUBLE SIDED TAPE IN HOUSING

LAMP LIFE: 50,000 HOUR RATING

WIRING: WIRED AS PER APPLICATION

COLOR OPTIONS: BRIGHT WHITE, WARM WHITE, ANTIQUE WHITE, RED, BLUE, GREEN, AMBER



PH 949.645.2242 FX 949.548.4025
EMAIL: ceo@ledcompany.com

KIM LIGHTING

TYPE B99 CB Compact Ballast
Model: 61305 - CB24

Specifications

CD Models: 5310 70 watt, 5315 100 watt, 5320 150 watt, 5325 200 watt

CDB33 Maximum weight: 22 lb

CDB34 Maximum weight: 17 lb

Base Plan CB

Lighting and Ratings

UL-CLT 150W	CE	25K Ambient
UL-CLT 150W	CE	25K Ambient
UL-CLT 150W	CE	25K Ambient

KIM LIGHTING

TYPE B99 VSB1C Square Bollard
Single Function, Vandal-Resistant, Concrete Shaft
Model: 41305 - VSB1C

Specifications

VSB Models: 70 to 100 watt, Maximum Base Lamp: 142 watt Compact Fluorescent

VSB1C - Single Function Luminaire (Concrete Shaft)
Maximum weight: 120 lb

BASE PLAN
CONCRETE SHAFT

Lighting and Ratings

UL-CLT 150W	CE	25K Ambient
UL-CLT 150W	CE	25K Ambient
UL-CLT 150W	CE	25K Ambient

KIM LIGHTING

TYPE B99 VSB1C Square Bollard
Single Function, Vandal-Resistant, Concrete Shaft
Model: 41305 - VSB1C

Standard Features

Fixtures

Electrical Module

Color: Black, Dark Bronze, Light Gray, Platinum Silver, MISC, Cabinet Color

Concrete Shaft

Color: Brown, Charcoal, Neutral Gray White, City or White

Lighting and Ratings

UL-CLT 150W	CE	25K Ambient
UL-CLT 150W	CE	25K Ambient
UL-CLT 150W	CE	25K Ambient

KIM LIGHTING

TYPE B99 Scarab™ EL730
120 Volt Die-Cast Aluminum, PAR30 Halogen
Model: 11140 - EL730

Fixture Options

Colored Lenses

Lens Accessories

PL73 - Phosor Lens

SL73 - Spread Lens

KIM LIGHTING

TYPE B99 Scarab™ EL730
120 Volt Die-Cast Aluminum, PAR30 Halogen
Model: 11140 - EL730

Mounting Options

PowerPost by

Architectural Junction

Potable Spout Mount

KIM LIGHTING

TYPE B99 Scarab™ EL730
120 Volt Die-Cast Aluminum, PAR30 Halogen
Model: 11140 - EL730

Specifications

Housing

Socket

Lighting and Ratings

UL-CLT 150W	CE	25K Ambient
UL-CLT 150W	CE	25K Ambient
UL-CLT 150W	CE	25K Ambient

KIM LIGHTING

TYPE B99 Scarab™ EL730
120 Volt Die-Cast Aluminum, PAR30 Halogen
Model: 11140 - EL730

ORDERING INFORMATION

Finish

Weight/Lamp

UL-CLT 150W

CE

25K Ambient

ADAPTIVE DESIGN GROUP, INC.

Principals
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CONTRACTED SCOPE OF SERVICE

ILLUSTRATION DESIGN & SPECIFICATIONS
ELECTRICAL CONTROL PROGRAMMING
FULL ELECTRICAL ENGINEERING
CONSTRUCTION MANAGEMENT
FINAL AIM, TUNING, & SCENE SETTING
LANDSCAPE LIGHTING DESIGN
CHARACTERIZED BLIND SHADE DESIGN
TELEPHONE SYSTEM DESIGN
CIPHONE NETWORK DESIGN
DISTRIBUTED AUDIO-VIDEO DESIGN
SECURITY SYSTEM COORDINATION
SYSTEM INTEGRATION DESIGN

ARCHITECT
INTERIOR DESIGNER
BUILDER

SERENO CANYON

PRINCIPAL SIGNATURE

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ADAPTIVE DESIGN GROUP INC
2007

REVISIONS

DATE: 10/18/07 SCALE: NO SCALE
JOB NUMBER: 20070424 DRAWN BY: SWD, JJK, MMU
LANDSCAPE CUT SHEETS
LS-0.7

1655-07-3
APPROVED
FINAL PLANS PLANNING
4-16-08
113-DR-2005 #2
30-SA-2008

Architecture

Decorative

Art

Path

Task

Interior Design

View

Exterior™

Decorative

Art

Path

Task

Interior Design

View

Exterior™

Notes: Job: Type: TYPE B100

94 LINE 941 RECESSED STEPLIGHTS

GENERAL DESCRIPTION: The 941 recessed step light is specifically designed to accommodate long life compact fluorescent lamps and to be used in all types of wall construction. A die-cast aluminum junction box further enhances the design flexibility. Self-compressing silicone gaskets completely seal the junction box and components. A choice of three (3) architecturally designed faceplates allows for a variety of applications.

ORDERING	FACEPLATE	LAMP	VOLTAGE	FINISH
B41	U	10TRF	LV	120 BRP

ORDERING PREFIX: U - Universal; 10TRF - 10Watt T8 Compact Fluorescent Lamp; LV - Low Voltage; 120 - 120V; BRP - Bronze Paint.

FACEPLATE	VOLTAGE
UV - Louver	120
PG - Prismatic Glass	277
DG - Diffuse Glass	247

FINISH: BRP - Bronze Paint; BLP - Black Paint; WP - White Paint; NP - Natural Aluminum Paint; CC - Custom Color Paint; SC - Special Color Paint.

94 LINE 941 RECESSED STEPLIGHTS

FACEPLATE: One piece die cast aluminum, secured to housing with two (2) recessed and captive hex head socket screws. Integral spring clips ensure positive gasketing. Self-compressing silicone gaskets allow for varying wall thicknesses.

FLUORESCENT UNITS: High power factor ballast standard. Accepts T8 mini tube lamps and T8 and T9 quad tube lamps.

FINISH: Flat and abrasion resistant, electrocoat applied, thermally cured 100% isocyanate polyester powder coat.

LABELS: All fixtures bear UL or CUL (where applicable) Wet Location labels.

HOUSING: Cast aluminum construction.

2-ROCK: The field adjustable junction box is die-cast aluminum. It is shipped factory-mounted to the back of housing. The box can be easily positioned on the bottom of the housing via two (2) prybar lugs.

ROCK GUARD: Each face includes three (3) prybar lugs (one on each side and one on the bottom) that accommodate 2" prybar.

ROCK GUARD: Each face includes three (3) prybar lugs (one on each side and one on the bottom) that accommodate 2" prybar.

TYPE B101

LTV764 Die-Cast Brass Low Voltage Accent/Integral Transformer Bronze Lightvault™

TYPE: Type: Job: Page: 1 of 5

Approvals: Date: Page: 1 of 5

Specifications: Lens Ring: Die-cast brass, natural finish. Five captive (5) blackened stainless steel hex socket cap screws. Lens: Clear tempered soda lime, 1/2" thick, built with lens ring, slightly convex. Lens Gaskets: One-piece molded silicone, U-channel shape completely around lens flange. Die-Cast Brass Housing: Heavy wall die-cast brass. Integral Junction Box: Die-cast brass with stainless steel lid. Hex head screws and riveted silicone gasket. Die-cast internal junction box cover with silicone gasket and anti-glare plug over 1/2" NPT tap in bottom, 12 cu. in. volume. Optical System: MR-16 for AR16, high socket halogen lamps. Optical system is solid mounted, 340° rotation, 20° vertical adjustment, locking screws. Transformer: Integral 120 volt to 12 volt, 50 watt electronic step-down transformer. Wiring: Accepts 16 gauge wire and fits into split compartment. All components wire rated for ground, specifications for removal of optical system. Certifications: UL Listed to U.S. and Canadian safety standards for wet locations. Fixture manufacturer shall comply in quality program that is certified to meet the ISO 9000:2000 standard.

TYPE B101

LTV764 Die-Cast Brass Low Voltage Accent/Integral Transformer Bronze Lightvault™

TYPE: Type: Job: Page: 2 of 5

Standard Features:

Fixture	Optics	Lamp Mode
Cat. No. LTV764 Low Voltage Accent	MR-16 optical system and integral transformer	SOLV120 120V equivalent, lower wattage lamps may be used.

TYPE B101

LTV764 Die-Cast Brass Low Voltage Accent/Integral Transformer Bronze Lightvault™

TYPE: Type: Job: Page: 3 of 5

Optional Features:

Half Shield Cat. No. <input type="checkbox"/> H560 <input checked="" type="checkbox"/> No Option	Half shield lens ring for directional glare control toward the viewer. Chrome cast bronze, replaces standard lens ring. Includes glass lens gasket and mounting screws.	
Rock Guard Cat. No. <input type="checkbox"/> RG40 <input checked="" type="checkbox"/> No Option	Rock guard lens ring for lens protection in special circumstances. One-piece cast bronze, replaces standard lens ring. Includes glass lens gasket and mounting screws.	
Trim Ring Cat. No. <input type="checkbox"/> TR60 <input checked="" type="checkbox"/> No Option	Trim ring for flush mounting of fixture in concrete wall or paving. Brass ring. Clamps on housing with stainless steel screw.	

TYPE B101

LTV764 Die-Cast Brass Low Voltage Accent/Integral Transformer Bronze Lightvault™

TYPE: Type: Job: Page: 4 of 5

Optional Features:

Colorful Lenses
Cat. No. (See right) No Option

Lens Accessories
Cat. No. (See right) No Option

Colorful Lenses: MR-16 colored glass lens, replaces standard clear glass lens in fixture. (See color specification page 25 of Lightvault catalog). May be used in combination with MR lens cell lenses, SL speed or PL prismatic lenses.

Lens Accessories: L12 - Hex Cell Louver. Internal louver clips onto rim of MR16 lamp and provides brightness control. Louver fits and mates with the lamp. Constructed of hex cell aluminum housing providing 120° cubic, mounted in a circular frame with spring steel clips. Finished in baked high heat black powder. Cat. No. L12 Hex Cell Louver.

MR - Hex Cell Louver: Constructed of hex cell aluminum housing with a cell diameter of 1/2" x 1/2". Providing a 90° conical angle, mounted in a circular frame, finished in baked high heat black. May be used in combination with colored lenses. Lenses behind lens lens gasket. Not for use in combination with SL speed or PL prismatic lenses. Cat. No. HL73 Hex Cell Louver.

PL - Prismatic Lens: Solutes lamp distribution. Back with hood lamps. Inserts behind lens into lens gasket. Not for use in combination with HL73 louvers. Cat. No. PL73 Prismatic Lens.

SL - Speed Lens: Controls and level lower pattern. Back with speed lenses. Inserts behind lens into lens gasket. Not for use in combination with HL73 louvers. Cat. No. SL73 Speed Lens.

ADAPTIVE DESIGN GROUP, INC.
A DESIGN GROUP COMPANY

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G LANDSCAPE LIGHTING DESIGN
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ARCHITECT
INTERIOR DESIGNER
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SERENO CANYON

PRINCIPAL SIGNATURE

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ADAPTIVE DESIGN GROUP INC.
2007

REVISIONS

DATE: 10/8/07 SCALE: NO SCALE
JOB NUMBER: 2007D424 DRAWN BY: DWM, JRK, MMJ

LANDSCAPE CUT SHEETS

LS-0.8

1655-07-3
APPROVED
FINAL PLANS PLANNING
4-16-08
DATE: 11-3-08 APPROVED BY:
113-DR-2005 #2
80-54-2008