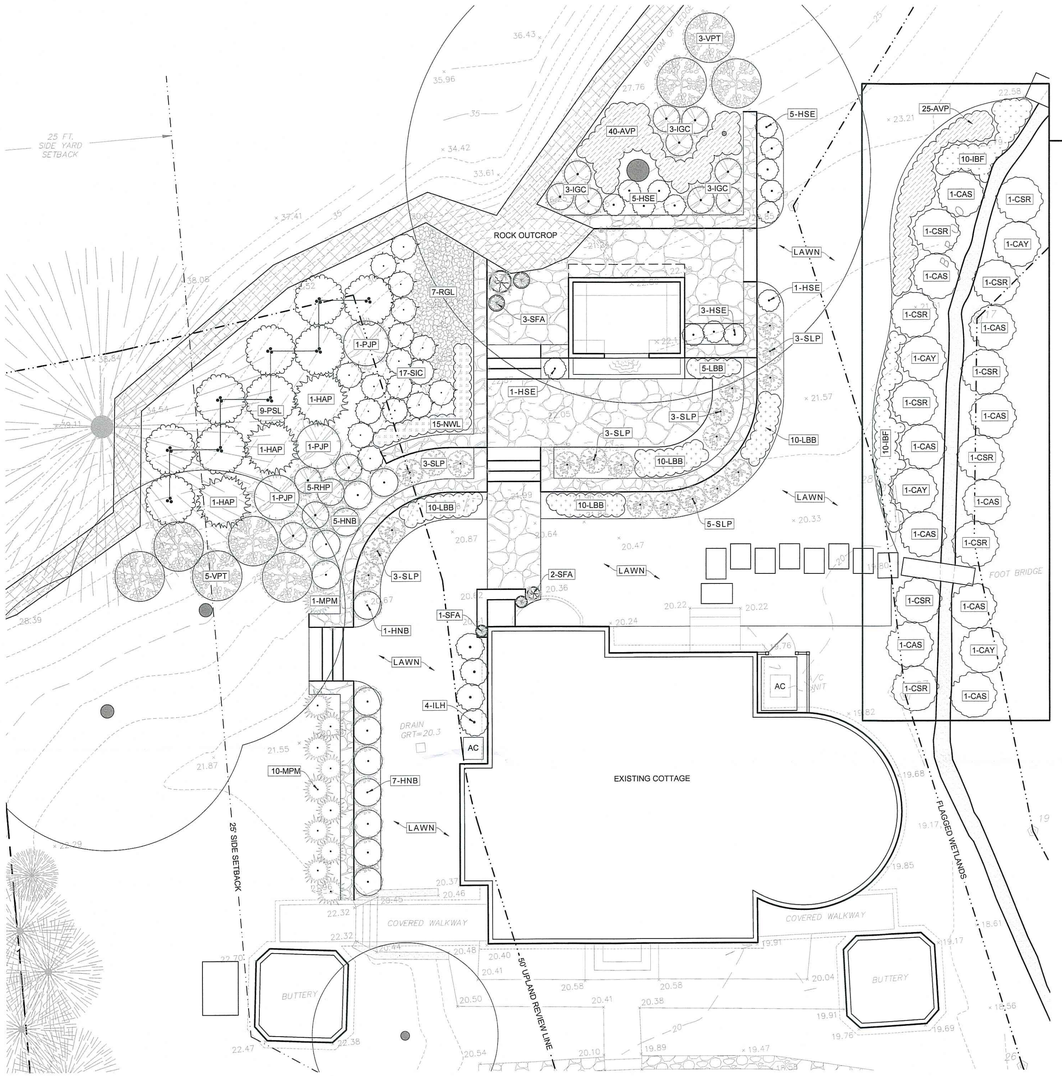
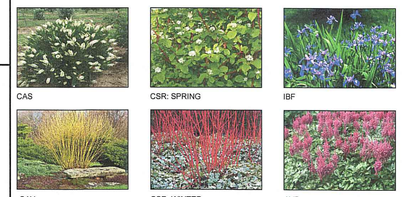


1 PLANTING & LIGHTING PLAN
SCALE: 1/8" = 1' - 0"

MITIGATION / BROOK-SIDE PLANTING PLAN					
CAS	10	*Clethra alnifolia*	Summersweet	6 gal cont.	6' OC
CAY	4	*Cornus alba 'Bud's Yellow'*	Yellowtwig Dogwood	6 gal cont.	5' OC
CSR	10	*Cornus sericea 'Baileyi'*	Redtwig Dogwood	6 gal cont.	6' OC
IBF	20	*Iris versicolor*	Blue Flag Iris	1 gal cont.	2' OC
AVP	25	*Astilbe chinensis 'Visions Pink'*	Visions Pink Astilbe	1 gal cont.	18" OC


CAS
CSR: SPRING
IBF
CAY
CSR: WINTER
AVP

BRUECK RESIDENCE PLANTING SCHEDULE					
SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
DECIDUOUS SHRUBS					
HAP	3	*Hamamelis x intermedia 'Arnold's Promise'*	Arnold's Promise Witch Hazel	10 gal cont.	single stem tree form
HNB	13	*Hydrangea macrophylla 'Nikko Blue'*	Nikko Blue Hydrangea	10 gal cont.	3' OC
ILH	4	*Itea virginica 'Little Henry'*	Little Henry Sweetspire	3 gal cont.	3' OC
RGL	7	*Rhus aromatica 'Gro-Low'*	Gro-Low Fragrant Sumac	3 gal cont	6' OC
SLP	20	*Spiraea japonica 'Nana'*	Little Princess Spirea	5 gal cont.	3' OC
SIC	17	*Stephanandra incisa 'Crispa'*	Cutleaf Stephanandra	3 gal cont	3' OC
VPT	8	*Viburnum plicatum tomentosum 'Mariesii'*	Doublefile Viburnum	4'-5' ht, b&b	6' OC, heavy
EVERGREEN SHRUBS					
IGC	9	*Ilex glabra 'Compacta'*	Dwarf Inkberry Holly	36"-42" ht, cont.	4' OC substitute 1 male
PJP	3	*Pieris japonica*	Japanese Pieris	10 gal cont.	6' OC
PSL	9	*Prunus laurocerasus 'Schipkaensis'*	Schip Cherry Laurel	6'-8' ht, b&b	6' OC, anti-desiccant in winter
RHP	5	*Rhododendron hybrid*	Pink / Red / White	30"-36" ht, B&B	4' OC
GRASSES					
LBB	45	*Liriope muscari 'Big Blue'*	Big Blue Lilyturf	1 gal cont.	18" OC
MPM	11	*Muhlenbergia capillaris*	Pink Muhly Hair Grass	3 gal cont.	3' OC
GROUNDCOVERS & PERENNIALS					
AVP	40	*Astilbe chinensis 'Visions Pink'*	Visions Pink Astilbe	1 gal cont.	18" OC
HSE	15	*Hosta sieboldiana 'Elegans'*	Elegans Hosta	1 gal cont.	3' OC
NWL	15	*Nepeta racemosa 'Walker's Low'*	Walkers Low Catmint	1 gal cont.	2' OC
SFA	TBD	*Potted Seasonal Flower Arrangements*		TBD	Owner-Selected

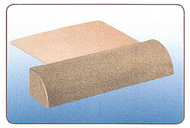
SIMPLE. DURABLE. INNOVATIVE.

CAST Engineered Wall Light (CEWL5CB, CEWL5LED1)
Product Information

CAST LIGHTING

Old world craftsmanship...tomorrow's technology™

CAST Engineered Wall Light - Compact, Rugged, and Versatile



The CAST Engineered Wall Light installs quickly and securely in a variety of hardscape and architectural applications.

Typical mounting application under capstone.

Typical mounting application between blocks.

Specifications:

Lamp: 12v, T-3 10W glass wedge base clear xenon halogen

LED Version: 2 Cree LED's, 10-24V AC or DC, .24 Amps, 2.3W, .88PF, 2.84VA, 81 CRI, 2700K Color Temp., 1-70 60,500, 76 Lumens, Center Beam Candela: 38

Listing:

U.L. 1038 Listed Low Voltage Luminaire for wet locations.

Description:

Attractive wall light constructed of solid bronze with a flat copper bracket for easy flush mounting under capstones, between courses of block and under railings. LED version hosts a fully integrated LED source with constant current driver and excellent thermal management. LED board is rated for 60,500 hrs. with minimal lumen degradation and warranty of 5 years. LED board is replaceable.

Features:

- Solid bronze construction, highly corrosion resistant, naturally weathers to a beautiful patina.
- Solid copper bracket for quick installation in a variety of locations. Bracket is thin so it does not interfere with retaining wall construction.
- Bracket extends from back of fixture so it can be hidden from view, allowing seamless flush-mounting, with no visible hardware.
- Bracket can be bent, removed or cut for specialized applications.
- Light source housing with internal reflector enclosed with frosted glass lens for a wide, even light distribution (no hot spots).
- Light source protected from sprinklers and rain.

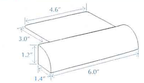
Uses:

Suitable for applications where a wall-mounted or railing-mounted fixture is required. Ideal for retaining walls, stairwells and railings.

Construction:

Solid bronze body; copper bracket, frosted soda lime lens, stainless steel thumbscrews, high temperature socket, 25' tin-coated #18-2 No-Ox® marine-grade wire.

Dimensions:

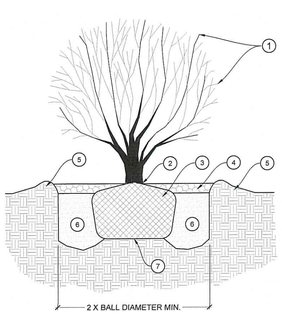


www.cast-lighting.com 800.914.CAST

© Copyright 2016, CAST Lighting LLC. All rights reserved.

Revised July 2016

WITCH HAZEL: ARNOLD PROMISE
GROW-LOW SUMAC: SUMMER
PIERIS: JAPANESE
ASTILBE: VISIONS PINK
HYDRANGEA: NIKKO BLUE
GROW-LOW SUMAC: FALL
LAUREL: SCHIP
HOSTA: SIEBOLDIANA
ITEA: VIRGINIA SWEETSPIRE, SPRING
STEPHANANDRA: INCISA CRISPA
RHODODENDRON: HYBRID PINK
NEPETA: WALKERS LOW
ITEA: VIRGINIA SWEETSPIRE, FALL
VIBURNUM: DOUBLEFILE
LIRIOPE: BIG BLUE
SPIRAEA: LITTLE PRINCESS
HOLLY: INKBERRY
PINK MUHLY GRASS



2 TREE & SHRUB PLANTING DETAIL
SCALE: NTS

1. PRUNING ONLY TO REMOVE DEAD OR DAMAGED LIMBS, CO-DOMINANT LEADER, OR CROSSING & BRANCHES NOT CONFORMING TO HABIT.
2. TOP OF ROOT BALL SHALL BE SET FLUSH WITH ADJACENT GRADE OR SLIGHTLY HIGHER IN POORER SOILS. ROOT FLARE SHALL BE VISIBLE.
3. REMOVE ROPE, TWINE, EXCESS SOIL, & BURLAP FROM TOP 1/3 OF ROOT BALL. REMOVE ALL NON-BIODEGRADABLE MATERIAL COMPLETELY FROM ROOT BALL.
4. MULCH WITH 3" DEEP PARTIALLY DECOMPOSED SHREDDED HARDWOOD MULCH, DARK IN COLOR (NO DYES) OR APPROVED SUBSTITUTE. DO NOT COVER ROOT FLARE.
5. 4" HIGH X MIN. DRIPLINE DIAMETER COMPACTED SOIL SAUCER BEYOND EDGE OF ROOT BALL.
6. PLANTING MIX: IN LOAMY SOILS BACKFILL WITH EXIST SOIL; IN SANDY SOILS ADD 20% MAX. ORGANIC MATTER. (ALERT LA IF POOR SOILS ARE PRESENT) TAMP WITH FOOT AND WATER IN 6" LIFTS.
7. ROOT BALL TO REST ON UNDISTURBED OR COMPACTED SOIL TO PREVENT SETTLING.

STAKING, GUYING AND WRAPPING TREES ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT. DETAILS PROVIDED AS NECESSARY.

PLANTING NOTES

01. BIDS SHALL INCLUDE SITE PREPARATION, PERCOLATION TESTS, PLANTING MEDIUMS, PLANT MATERIALS, TREE PITS, INSTALLATION, STAKING & GUYING, FERTILIZER, MULCH, & PLANT GUARANTEES. PLANTS SHALL EQUAL OR MEET NOTED SIZES, WITH PLANTING & SEEDING OPERATIONS TO OCCUR IN FAVORABLE WEATHER CONDITIONS.
02. SITE PREPARATION: ROTO-TILL, SCARIFY, OR AERATE ALL AREAS AFFECTED BY CONSTRUCTION PRIOR TO PLANTING & SEEDING OPERATIONS. PROVIDE & INSTALL SPECIFIED QUANTITIES OF TOPSOIL, LOAM, & STARTER FERTILIZER AT THE MANUFACTURER-RECOMMENDED RATES.
03. COORDINATE WITH OWNER'S IRRIGATION CONTRACTOR (IF APPLICABLE) TO ENSURE NEWLY-PLANTED & SEEDED AREAS ARE PROPERLY IRRIGATED.

LIGHTING NOTES

01. LIGHTING LOCATIONS ARE INTENDED FOR ILLUSTRATIVE PURPOSES & SHOULD BE FIELD LOCATED & COORDINATED WITH LANDSCAPE PLANTINGS & UNDERGROUND UTILITIES.
02. PROVIDE & INSTALL REQUISITE FIXTURES & NECESSARY TRANSFORMER(S) WITH ALTERNATIVE BULB WATTAGES AS REQUIRED BASED ON FIELD CONDITIONS.
03. LANDSCAPE LIGHTING SHALL BE INSTALLED BY, OR UNDER THE SUPERVISION OF, A LICENSED ELECTRICIAN & SHALL COMPLY WITH APPLICABLE CODE.
04. ALL WIRE RUNS SHALL BE BURIED IN CONDUIT 18" DEEP MIN. (RESIDENTIAL) & 24" DEEP MIN. (COMMERCIAL) MIN WITH FITTINGS CLEANED, PRIMED, & CEMENTED.
05. NO LIGHTING SHALL BE WITHIN 5' OF A SWIMMING POOL OR WATER FEATURE; ALL LIGHTING WITHIN 5' - 10' OF ANY WATER FEATURE SHALL BE GFCI PROTECTED.

NO.	Revisions or Type of Drawing Submittal	Date:
A	SW: Provided to Owner as Design Concept Drawing	04-16-2020
A	SW: Provided to Owner as Design Development Drawing	04-17-2020
A	SW: Provided to town as preliminary Working Drawings	04-20-2020
A	SW: Provided to all reps as Working Drawings	04-22-2020
A		
A		
A		
A		
A		

Seal:

If professional Seal is not in a contrasting color, this sheet is a copy.

Title:

PLANTING & LIGHTING PLANS

Project:

BRUECK RESIDENCE

40 GOODWIVES RIVER ROAD
DARIEN, CT

The drawings, notes, & specifications contained herein are instruments of professional service, protected under copyright law, & the exclusive property of Wagner Pools. Authorized project representatives are granted a non-exclusive right to use these materials expressly for the purposes of this project.

WAGNER POOLS 100 YR ANNIVERSARY EST. 1919

101 NOROTON AVE.
DARIEN, CT 06820
(203) 655-0766

Date:	April 6, 2020
Drawn By:	SW
Scale:	1/8" = 1' - 0"
North:	Sheet: LA-3