



TO: Goleta Design Review Board

SUBMITTED BY: Darryl Mimick, Supervising Planner

SUBJECT: 6595 Covington Way (APN 077-160-022) New Anthem Church Building and Associated Improvements Case Nos. Case No's 24-0004-CUP, 24-0010-DP; 24-0030-DRB; 24-0009-DP, 24-0002-SUB, & 24-0005-CUP

DRB ACTIONS FOR CONSIDERATION:

1. Conduct Conceptual review and provide comments to the applicant.

PROJECT DESCRIPTION:

This is a request for **Conceptual** review. The applicant is seeking design and landscaping related comments from the Design Review Board (DRB) for the subject project. The applicant is requesting: (i) a Tentative Parcel Map (TPM) to subdivide the site into two parcels; (ii) a Conditional Use Permit Amendment (CUP) to Case No. \65-CP-52 to reflect the reduction in area for the Christ Lutheran Church (CLC) site.; , (iii) an as-is Development Plan for the existing CLC building on the new parcel 1 with adjustments noted below;; (iv) a Minor Conditional Use Permit to allow a community assembly use in the RS-8 zone district for Anthem Church; and (v) a new Development Plan for the new Anthem Church Building and associated improvements with adjustments noted below; and (vi) Design approval. The General Plan Land Use Designation and Zoning Ordinance Designation for the site is Single Family Residential (RS).

The applicant purposes to construct a new church and associated improvements for Anthem Chapel Goleta (AC) at 6595 Covington Way, which currently includes facilities for CLC that were entitled through a CUP in 1965. The proposed project description includes the following:

- Subdivision of the existing 3.423-acre lot into two (2) parcels.
 - Parcel 1 is proposed to encompass 0.881 gross acres and contain the existing CLC facilities including the sanctuary, parking lot, and accessory structures.
 - Parcel 2 is proposed to encompass 2.542 gross acres or the AC facilities, described below.

- A new agrarian-style 2-story 22,038 SF church (AC) with sanctuary/assembly area, classrooms, daycare/preschool, offices and associated uses.
 - Preschool and daycare will each accept up to 55 children.
 - Daycare hours: 8 am - 5 pm (some aftercare may be made available).
-
- Exterior patios, play yards and passive recreation areas.
- A 125-space parking lot including 7 ADA, 6 Electric Vehicle parking spaces, and 25 EV ready spaces.
- Short and long-term bicycle parking and charging stations.
- Restoration of on-site ESHA Monarch buffer area.
- New perimeter walls and fences.
- New trash enclosure.
- Modification of existing driveway apron and proposal of new driveway entrance on Los Carneros Road.
- Lighting and landscaping around the parking lot and building.

Additionally, as part of the proposal, the applicant is proposing Adjustments to the Zoning Ordinance, pursuant to Section 17.59.040, for the following:

Lot 1: Adjustments (CLC)

1. Request to provide less than a combination of 50% shading for the Heat Island Effect to 22%, pursuant to the Municipal Code Section 17.38.110(J).
2. Request to not provide charging for one required electric bicycle parking space, pursuant to the Municipal Code Section 17.38.090(C).
3. Request to have the existing modular classroom continue to extend 5 feet into the rear setback abutting new Lot 2 (Anthem).
4. Request to not provide a separate loading space, pursuant to Municipal Code Section 17.38.100(A).
5. Request to reduce the number of parking spaces from 43 to 41, pursuant to Municipal Code Section 17.38.070 and a commensurate reduction in the number of parking lot trees. If the parking reduction is approved, then the number of trees would be consistent
6. Fewer than 1 tree/4 parking spaces, pursuant to Municipal Code Section 17.38.110(K). If 43 spaces are required, then 11 trees would need to be provided and 10 trees are proposed.

Lot 2: Adjustment and Request for Reduction (AC)

1. Request to exceed the maximum height of the RS zoning district from 25-feet to 31-feet, pursuant to Municipal Code Section 17.07.030.
2. Request to reduce Monarch Butterfly ESHA buffer from 100-feet to 50-feet, pursuant to Municipal Code Section 17.38.180(C2).

Proposed building material for the church facades include but are not limited to troweled concrete, metal storefront windows, exterior glazing, board and batten siding, lap siding, and standing seam metal roofing. A portion of the building roofline will exceed the maximum height of the RS zoning district from 25-feet to 31-feet, and an elevator at a total height of 33 feet. These elements are considered Projections Above Structures which are permitted as listed in Title 17 Chapter 17.24, Table 17.24.080.

Proposed landscaping for Parcel 2 includes new landscaping around the perimeter of the new parcel, and within the proposed parking lot. The applicant is also proposing new areas for passive recreation and gathering (patio areas), and a fenced outdoor play yard for daycare and preschool uses at the southeast corner of the property. Within this area, the applicant is proposing plant materials consisting of native species with the intent to support butterfly foraging and the restoration of the Monarch buffer area. Exterior passive recreation areas around the sanctuary would include pavers, grasses, benches, and patios. A concrete walkway would traverse the exterior of the sanctuary, flanked on the east and west sides by two (2) 1,500 SF wooden trellises with vines.

Regarding trees, all trees on the CLC site will remain, and 18 small to medium-sized non-native trees, primarily cinnamon camphora, on the proposed Lot 2 (Anthem) will be removed to accommodate grading and development of the proposed project. The subject trees are located on the north portion of the lot and are not located within ESHA buffers. The applicant proposes 14 new trees within the Monarch ESHA buffer area to enhance the habitat and provide additional shade, softening and screening. In addition, 49 trees are proposed within the parking for a total of 63 new trees as follows:

14 trees proposed within ESHA buffer:

- 12 California Sycamore Multi-Trunks
- 2 Coast Live Oaks

49 trees proposed in the parking lot:

- 30 Swan Hill Fruitless Olives
- 12 Australian Willows
- 5 Brisbane Boxes
- 2 Marina Strawberry Tree Standards

Anthem is proposing a 72-inch black chain-link fence to demarcate exterior property boundaries with CLC and Lake Carneros/Stow House to provide security, without obstructing views. Where adjacent to Lake Carneros/Stow House the applicant is proposing a 4' split rail fence to allow small animals to traverse. Additional fencing, not to exceed 6' high, will be provided around the pre-school/day care play area. A 3-foot-high stucco CMU retaining wall is proposed along the north property boundary between CLC and Anthem.

Regarding lighting, the applicant is proposing both building wall sconces and pole lighting, which would be directed downward, as depicted in Attachment 3.

The project was filed by agent Steve Whelton, of Sussanne Elledge Planning and Permitting Services (SEPPS) on behalf of Lars Linton, agent for Christ Lutheran Church, the property owner.

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

As this item is for conceptual review only, no CEQA action is needed currently.

NEXT STEPS

Next steps include: (1) Project Review and CEQA Analysis (2) Preliminary DRB recommendation; (3) Review by Planning Commission (4) a 10-day (Planning Commission) appeal period (5) Final DRB review if no appeal is received (6) Condition Clearance/ issuance of Zoning Clearance; and (7) Building Permits and construction.

ATTACHMENTS:

Attachment A- Project Plans
Attachment B- Civil/Improvements Plans
Attachment C- Lighting Specifications
Attachment D- Applicant's Project Description

ATTACHMENT A

PROJECT PLANS

Anthem Chapel

Goleta, CA



VICINITY MAP



Additional Parking Statistics

Accessible Parking = 8 (5 min. for parking lots between 101-150 spaces)
Van Parking = 2 (1 min. for 5 accessible parking spaces)
RV Parking = 6 (1 min. for parking lots between 101-150 spaces)
RV Ready = 28 (25 min. for parking lots between 101-150 spaces)
Accessible Driv. 1 Standard, 5 New (1 standard and 5 new min. for facilities with 5-25 EVCS)
(California Calculation used for each vehicle parking; more stringent than Goleta ZD and takes precedence)
Short Term Bicycle Parking = 13 (1.1 x 126 = 12.6)
Short Term Bicycle Charging = 2 (1 charger per 10 spots)
Long Term Bicycle Parking = 3 (1 Space per 10 employee space; 28/10 = 2.8)
Long Term Bicycle Charging = 1 (1 charger per 10 spots)

PROJECT DIRECTORY

ARCHITECT: DMHA Architecture & Interiors 1 N. Calle Cesar Chavez #102 Santa Barbara, CA 93103	CIVIL ENGINEER: J. Michael Holliday FGA 15 West Canon Perlebo Santa Barbara, CA 93103 michael@dmha.com
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CODE COMPLIANCE

Overlapping Jurisdictions:
City of Goleta
135 Camino Drive
Goleta, CA 93101

Applicable codes:
All work & material shall be performed & installed in compliance with the current editions of the following codes as adopted by the local governing authorities. Nothing in these plans is to be construed to permit work not conforming to these codes:
• California Building Code, 2022 Edition (CBC)
• California Electrical Code, 2022 Edition (CEC)
• California Mechanical Code, 2022 Edition (CMC)
• California Plumbing Code, 2022 Edition (CPC)
• California Energy Code, 2022 Edition (CEC)
• California Fire Code, 2022 Edition (CFC)
• California Green Building Standards Code, 2022 Edition (CGBC)
• ADA Standards for Accessible Design, 2010 Edition
• Best Management Practices
• ASCE 24-16
• FEMA Technical Bulletins & Applicable FEMA Publications

Parking Calculations

Component	Size	Rate	Parking Required	Spaces Provided
Residential				
Bay Care Center	33 Students	1 Space/10 Students 1 Loading Space/10 Students	4 Spaces 12 Spaces	125 Spaces
Pre-School	55 Students	1 Space/10 Students 1 Loading Space/10 Students	6 Spaces 12 Spaces	
Church Admin	1,191 SF Office	1 Space/300 SF	4 Spaces	
Vehicle Lot	1,191 SF Office	1 Space/300 SF	28 Spaces	
Unemployment	5,624 SF	1 Space/30 SF	188 Spaces	125 Spaces

1st Separate calculations completed for weekdays and weekends.

PROJECT SCOPE

- Project Scope Includes:**
- Proposed lot split of APN 077-160-022 into 2 new parcels, (E) buildings and (E) parking that makes up the Anthem Chapel Church complex to remain on new 0.881 acre parcel.
 - On (N) 2.542 acre parcel, project proposed (N) church building, (N) parking lot, and associated site development.
 - (N) 123 car parking lot, 1 accessible (1 Van), 6 Electrical Vehicle charging spots (2 accessible, 1 van accessible), (N) driveway, parking lot lighting, and landscaping.
 - (N) Stormwater and grading for Tier IV Stormwater Management Plan, (N) Retention areas, drainage culverts, and site walls.
 - (N) Landscaping across (N) parcel, required trees for parking lot shading and screening, Rehabilitation of area of site within 50' buffer with native plantings to support rugged Pinnacles Hiking Trail.
 - (N) Paths and play areas behind building, fencing, and site walkways.
 - 2nd Floor:
a. Church sanctuary, stage, green room, audio and video control rooms
b. Main church space, reception area, cafe and small support kitchen
c. Daycare and preschool
d. Kid's workshop area
e. Fellowship hall
f. Restrooms and storage
 - 3rd Floor:
a. Circulation balcony
b. Kid's and teenagers worship areas
c. Office and conference room
d. Restrooms and storage

FLOOR AREA (CITY OF GOLETA)

FIRST FLOOR	15833 SF
SECOND FLOOR	6477 SF
Building	22310 SF

*City of Goleta Area calculated per Zoning Ordinance 17.03.070

FLOOR AREA (GROSS)

FIRST FLOOR	16305 SF
SECOND FLOOR	6739 SF
Building	23044 SF

LANDSCAPE ARCHITECT: Arcade Studio Landscape Architecture 203 East Cole Street Santa Barbara, CA 93101	Katie Grubb, ASLA Ph: 805.963.2224 kgrubb@arcadestudio.com
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Anthem Chapel Goleta COVER SHEET

03/14/2025

PROJECT INFORMATION

Owner:	Anthem Chapel Goleta
APN #:	Original Parcel 077-160-022, Proposed Parcel TRD
Zoning designation:	R-5.5 / Single Family
General plan designation:	Single Family
Proposed use:	Church sanctuary, classrooms, offices and nursery Sanctuary: 11,848 SF (13.2%) Nursery: 1,934 SF (8.6%) Classrooms: 7,236 SF (3.2%) Offices: 1,222 SF (5.4%) Total: 22,308
High fire:	No
Fire sprinklers required:	Yes
Flood hazard:	Zone X (Minimal Flood Hazard)
Construction type:	I-3
Occupancy group:	A-3/BE
Lot size:	Original Parcel 168,105 S.F. (3.823 ACRES) Proposed CLC Parcel: 38,360 S.F. (0.881 ACRES) Proposed Project Parcel: 118,745 S.F. (2.542 ACRES) Front = 20' Rear Yard = 25' Street Sided = 10' Interior Side = 10' Note: All lot widths exceed 100', therefore all interior side setbacks are to be the maximum 10'
Maximum height limit:	25'
Setback:	Front = 20' Rear Yard = 25' Side = 10' Import = 0 Side = 10' Export = 3,640'
SWMP compliance:	(E) Impermeable surface = 1,300 SF New or replaced Impermeable surface = 46,400 SF
Number of parking spaces:	Indicate tier = 31 Required = 110 Proposed = 125

SHEET INDEX

GENERAL	ARCHITECTURAL
G001 COVER SHEET	A001 CONCEPT FIRST FLOOR PLAN
G011 SITE ANALYSIS	A002 CONCEPT SECOND FLOOR PLAN
SURVEY	A003 CONCEPT ROOF PLAN
IL SURVEY	A004 HEIGHT LIMIT EXHIBIT
G-1 TITLE SHEET	A005 CONCEPT BUILDING ELEVATION WEST
IS-1 EXISTING CONDITIONS	A006 CONCEPT BUILDING ELEVATION SOUTHEAST
C-1 PRELIMINARY GRADING & DRAINAGE PLAN	A007 CONCEPT BUILDING ELEVATION NORTH
C-2 PRELIMINARY GRADING & DRAINAGE PLAN	A008 ROOF/REF EQUIPMENT SIGHT LINE
C-3 PRELIMINARY GRADING & DRAINAGE PLAN	A009 CONCEPTUAL BENCHMARKING
U-1 UTILITY PLAN	A010 EPIA BOUNDARY IMPROVEMENTS
CD-1 SITE SECTIONS	A011 NEIGHBORHOOD COMPATIBILITY STUDIES
CD-2 SITE SECTIONS	A012 SITE CONTEXT RENDERINGS
CD-3 CONSTRUCTION DETAILS	A013 SITE CONTEXT RENDERING
LANDSCAPE	A014 MATERIALS & COLOR PALETTE
LS-1 LAYOUT PLAN	LIGHTING
LS-2 CONSTRUCTION DETAILS	LT-1.0 SITE LIGHT CALC.
LS-3 IRRIGATION PLAN	37
LS-4 IRRIGATION DETAILS	
LP-1 PLANTING ZONES & PLAN	
LP-2 SHADE STUDY	
LP-3 PLANTING DETAILS	
NOTE	
AS010 CONCEPT SITE PLAN	
AS011 CONCEPT SITE PLAN	
AS012 FIRE ACCESS SITE PLAN	

Lot 1 Parking Statistics

Total Spaces = 43 (170 Occupants @ 1 Space per 4 Occupants)
Accessible Parking = 2 (2 min. for parking lots between 26-50 spaces)
Van Parking = 1 (1 min. for accessible parking spaces)
RV Parking Proposed slopes limited to restocking and resurfacing and does not trigger CGSBC Requirements
Short Term Bicycle Parking = 13 (1.1 x 43 = 4.3)
Short Term Bicycle Charging = 2 (1 charger per 10 employee spaces, min. 10 employees)
Long Term Bicycle Parking = 0 (1 Space per 10 employee spaces, min. 10 employees)
Long Term Bicycle Charging = N/A

PLANNING & LAND USE CONSULTANT: SEPPS Land Use Consulting 1525 State Street, Suite 1 Santa Barbara, CA 93101	Steve Weston Ph: 805.966.2758 ext. 111 steve@sepps.com
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(E) TENT SANCTUARY
NOT TO SCALE 04



VIEW FROM LOS CARNEROS
NOT TO SCALE 02



CORNER OF LOS CARNEROS AND COVINGTON
NOT TO SCALE 03



SITE CONTEXT
NOT TO SCALE 01

PRELIMINARY SITE IMPROVEMENT PLANS

ANTHEM CHAPEL GOLETA

APN 077-160-022

GOLETA, CALIFORNIA

LIST OF SYMBOLS:

AC	ASPHALTIC CONCRETE
ACP	ASBESTOS CEMENT PIPE
AB	AGGREGATE BASE
BC	BEGIN CURVE
BCR	BEGIN CURB RETURN
BD	BASIN DRAIN
BFV	BUTTERFLY VALVE
BM	BENCHMARK
BV	BALL VALVE
BVC	BEGIN VERTICAL CURVE
BW	BACK OF WALK
CIP	CAST IRON PIPE
CJ	CRACK CONTROL JOINT
CL	CLASS
L OR CA	CENTERLINE
CMP	CORRUGATED METAL PIPE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CTV	CABLE TELEVISION
DIP	DUCTILE IRON PIPE
D	DRAIN
E	ELECTRICAL
DI	DROP INLET
EC	END CURVE
ECR	END CURB RETURN
EG	EXISTING GRADE
EJ	EXPANSION JOINT
EL	ELEVATION
EP	EDGE OF PAVEMENT
EVC	END VERTICAL CURVE
EW	EACH WAY
EX	EXISTING
FD	FLOOR DRAIN
FF	FINISH FLOOR
FG	FINISH GRADE
FW	FIRE HYDRANT
FL	FLOWLINE
L OR FL	FLOWLINE
FLG	FLANGE
FS	FINISH SURFACE
G	GAS
GB	GRADE BREAK
GM	GAS METER
GSP	GALVANIZED STEEL PIPE
GSV	GAS VALVE
GV	GATE VALVE
HB	HOSE BIB
HP	HIGH POINT
INV	INVERT
L	CURVE LENGTH
LF	LINEAL FEET
MH	MANHOLE
MJ	MECHANICAL JOINT
NIC	NOT INCLUDED IN CONTRACT
OC	ON CENTER
OCW	ON CENTER EACH WAY
PCC	POINT OF COMPOUND CURVATURE
PI	POINT OF INTERSECTION (OF CURVE TANGENTS)
L OR PI	PROPERTY LINE
PRC	POINT OF REVERSE CURVATURE
PVC	POLY-VINYL CHLORIDE
PV	PLUG VALVE
R	RADIUS
RCR	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RG	RETAINING GROUND
RSJ	ROUGH SURFACE JOINT
RW	RIGHT-OF-WAY
S	SEWER
SD	STORM DRAIN
SL	STREET LIGHT
ST STL	STAINLESS STEEL
STA	STATION
STD DTL	STANDARD DETAIL
T	TELEPHONE
T BLK	THRUST BLOCK
TB	TOP OF BERM
TC	TOP OF CURB
TCN	TOP OF CONCRETE
TD	TOP OF DKE
TF	TOP OF FOOTING
TG	TOP OF GRATE
TI	TRAFFIC INDEX
TL	TRAFFIC LIGHT
TP	TOP OF PAVEMENT
TYP	TYPICAL
TW	TOP OF WALL
VCP	VITRIFIED CLAY PIPE
VPI	VERTICAL POINT OF INTERSECTION (OF VERTICAL CURVE TANGENTS)
W	WATER
WD	WITH
WD	WALL DRAIN
WM	WATER METER
WV	WATER VALVE
WV	DELTA (CURVE CENTRAL ANGLE)
±	APPROXIMATELY
%	PERCENT
<	LESS THAN
>	GREATER THAN

LEGEND:

DESCRIPTION	EXISTING	PROPOSED
CENTERLINE		
EDGE OF A.C. PAVEMENT		
ELEVATION	100.00 OR 110.00	100.00
CONCRETE PAVEMENT		EXISTING PAVEMENT
A.C. PAVEMENT		
PROPERTY LINE		
RIGHT-OF-WAY LINE		
EASEMENT LINE		
CONTOURS (MAJOR)	10	10
CONTOURS (MINOR)	12	12
BENCH MARK		
TREE CANOPY		
APPROX. SAW CUT LINE		
LIMIT OF GRADING LINE		
GRADE BREAK LINE		
FLOWLINE		
SLOPE LINE		
FENCE		
RETAINING WALL		
WATER	W	W
SEWER	S	S
STORM DRAIN	SD	SD
POWER	E	E
GAS	G	G
TELEPHONE	T	T
CABLE TV	CTV	CTV
MANHOLE	MH	MH
CLEANOUT	CO	CO
WATER METER & LATERAL	WM	WM
FIRE HYDRANT	FW	FW
THRUST BLOCK	TB	TB
FITTING		
STREET LIGHT		

ESTIMATED EARTHWORK QUANTITIES:

CUT:	4,200	CUBIC YARDS
FILL:	560	CUBIC YARDS
NET:	3,640	CUBIC YARDS (EXPORT)

NOTE: LOSSES DUE TO CLEARING AND DEMOLITION OPERATIONS ARE NOT INCLUDED. SHRINKAGE, CONSOLIDATION, AND SUBSIDENCE FACTORS HAVE BEEN ESTIMATED TO BE 5% PER GEOTECHNICAL REPORT AND HAVE BEEN INCLUDED. ESTIMATED EARTHWORK QUANTITIES ARE BASED ON THE APPROXIMATE DIFFERENCE BETWEEN EXISTING GRADES AND PROPOSED PAVEMENT SUBGRADES. OVERALL EARTHWORK SHALL VARY ACCORDING TO THESE FACTORS AND LOSSES.

CONTRACTOR SHALL ACCEPT OR CONFIRM EXISTING TOPOGRAPHIC INFORMATION, SHALL REVIEW THE SITE AND THE GEOTECHNICAL REPORT(S) AND MAKE HIS OWN INTERPRETATIONS AND CONCLUSIONS WITH RESPECT THERETO, AND SHALL PERFORM AN INDEPENDENT EARTHWORK ESTIMATE ON WHICH TO BASE HIS BID. ONCE GRADING IS STARTED, THE TOPOGRAPHIC INFORMATION HAS BEEN ACCEPTED BY CONTRACTOR.

IMPORTANT NOTICE

ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR IS TO NOTIFY UNDERGROUND SERVICE ALERT TWO WORKING DAYS PRIOR TO STARTING ANY EXCAVATION OR RESURFACING.



Know what's below.
Call before you dig.



VICINITY MAP
NCT TO SCALE

BENCHMARK:

VERTICAL DATUM IS NAVD88 PER STATION ASCN 8 PER RECORD OF SURVEY BOOK 170 PAGES 63-65.
HORIZONTAL BASIS OF COORDINATES IS NAD83 (1991.35 EPOCH) PER STATIONS ASCN 8 AND ASCN 9 PER RECORD OF SURVEY BOOK 170 PAGES 63-65
ELEVATION = 12.12'
CAUTION: CONFIRM BENCHMARK DATA AND CONDITION WITH PROJECT SURVEYOR (WATERS CARDENAS LAND SURVEYING, LLP) PRIOR TO USE.

TOPOGRAPHY:

EXISTING TOPOGRAPHY COMPILED BY WATERS CARDENAS LAND SURVEYING, LLP IN JUNE 2024 FROM FIELD SURVEY CONDUCTED IN DECEMBER 2023.

SURVEY MONUMENT PROTECTION:

PROTECT AND PRESERVE, IN PLACE, ALL SURVEY MONUMENTS AND BENCHMARKS. DO NOT DISTURB, MOVE, OR RELOCATE MONUMENTS OR BENCHMARKS WITHOUT THE PRIOR REVIEW AND APPROVAL BY THE AGENCY HAVING JURISDICTION OVER THE MONUMENT OR BENCHMARK. THE CONTRACTOR SHALL CONTRACT WITH A LICENSED SURVEYOR FOR MONUMENTS REQUIRING DISTURBANCE OR REMOVAL, AND THE SURVEYOR SHALL RESET THE MONUMENTS OR PROVIDE PERMANENT WITNESS MONUMENTS AND FILE THE REQUIRED DOCUMENTATION WITH THE COUNTY SURVEYOR PURSUANT TO BUSINESS AND PROFESSIONAL CODE SECTION 8771.

SHEET INDEX	
SHEET NO.	GENERAL DESCRIPTION
1	G-1 TITLE SHEET
2	EX-1 EXISTING SITE CONDITIONS
3	C-1 PRELIMINARY GRADING & DRAINAGE PLAN
4	C-2 PRELIMINARY GRADING & DRAINAGE PLAN
5	C-3 PRELIMINARY GRADING & DRAINAGE PLAN
6	U-1 UTILITY PLAN
7	CD-1 SITE SECTIONS
8	CD-2 SITE SECTIONS
9	CD-3 CONSTRUCTION DETAILS

PRELIMINARY - NOT FOR CONSTRUCTION

Flowers & Associates, Inc.
115 W. Carson Peridale Street
Santa Barbara, CA 93101
Tel: 805.963.2624
Fax: 805.963.2624
BY: NOT FOR CONSTRUCTION DATE: PRELIMINARY

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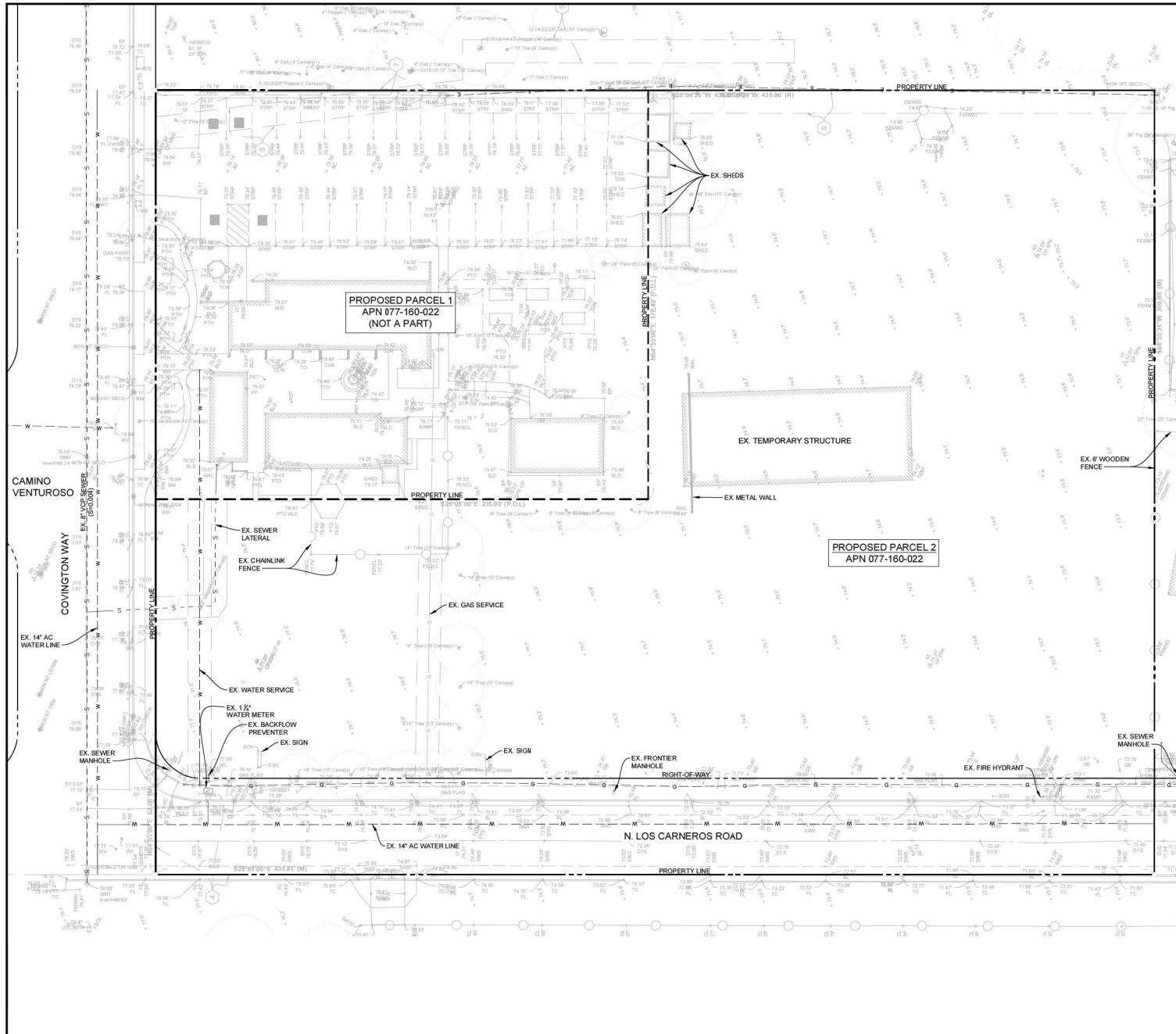
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SITE INFORMATION

PARCEL NUMBER: APN 077-160-022
ADDRESS: 6595 COVINGTON WAY
GOLETA, CA 93117
ZONING: RS-17 SINGLE FAMILY
LOT AREA: 3.001 ACRES (NET)
PROPOSED LAND USE: CHURCH/SANCTUARY, CLASSROOMS, OFFICES, AND NURSERY

UTILITY PROVIDERS

SANITARY SEWER
WATER
GAS
ELECTRIC
CABLE
TELEPHONE

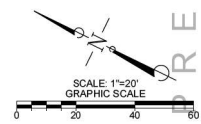
GOLETA WEST SANITARY
GOLETA WATER DISTRICT
SOUTHERN CALIFORNIA GAS COMPANY
SOUTHERN CALIFORNIA EDISON COMPANY
COX CABLE
FRONTIER COMMUNICATIONS

GENERAL NOTES

- A. EXISTING BOUNDARY, EASEMENT, AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS PROVIDED BY WATERS CARDENAS LAND SURVEYING, PROJECT NUMBER 23-1546.
- THE TOPOGRAPHIC SURVEY WAS CAPTURED PER FIELD SURVEYS CONDUCTED IN JUNE 2024 AND SUPPLEMENTAL FIELD SURVEY FOR EXISTING UTILITIES.
- THE VERTICAL DATUM FOR THIS MAP IS NAVD 88 PER STATION 8 PER RECORD OF SURVEY BOOK 170 PAGES 63-65. ELEVATION = 12.12 FEET.
- THE BASIS OF BEARINGS FOR THIS MAP IS BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83), ZONE 5, NAD83(1991.35 EPOCH) PER STATIONS ASCN 8 AND ASCN 9 PER RECORD OF SURVEY BOOK 170 PAGES 63-65.
- B. SEE TENTATIVE PARCEL MAP FOR EXISTING EASEMENT INFORMATION.
- C. EXISTING UTILITY INFORMATION SHOWN PER RECEIVED CITY OF GOLETA UTILITY GIS MAPPING, SITE AS-BUILT PLANS, AND SUPPLEMENTAL FIELD SURVEY INFORMATION.
- EXISTING BURIED CONDUITS AND STRUCTURES KNOWN TO THE ENGINEER ARE SHOWN ON THESE PLANS. HOWEVER, ALL SUCH CONDUITS AND STRUCTURES MAY NOT BE SHOWN AND THE LOCATIONS OF THOSE SHOWN ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE PREPARER OF THE PLANS.

LEGEND

---	PARCEL BOUNDARY
---	RIGHT OF WAY LINE
---	EXISTING EASEMENT
---	ROAD CENTERLINE
---	EXISTING GAS LINE
---	EXISTING SEWER LINE
---	EXISTING COMM. CONDUIT
---	EXISTING ELECTRICAL CONDUIT
---	EXISTING WATER LINE



REVISIONS

NO.	DESCRIPTION	DATE	APPROVED
1	ISSUED FOR PERMIT	03/12/2025	

EXISTING CONDITIONS

PRELIMINARY ANTHEM CHAPEL GOLETA IMPROVEMENT PLANS
6595 COVINGTON WAY
APN 077-160-022
CITY OF GOLETA, CALIFORNIA

EX-1

MARCH 12, 2025

SHT. 2 OF 9

W.O. 22027

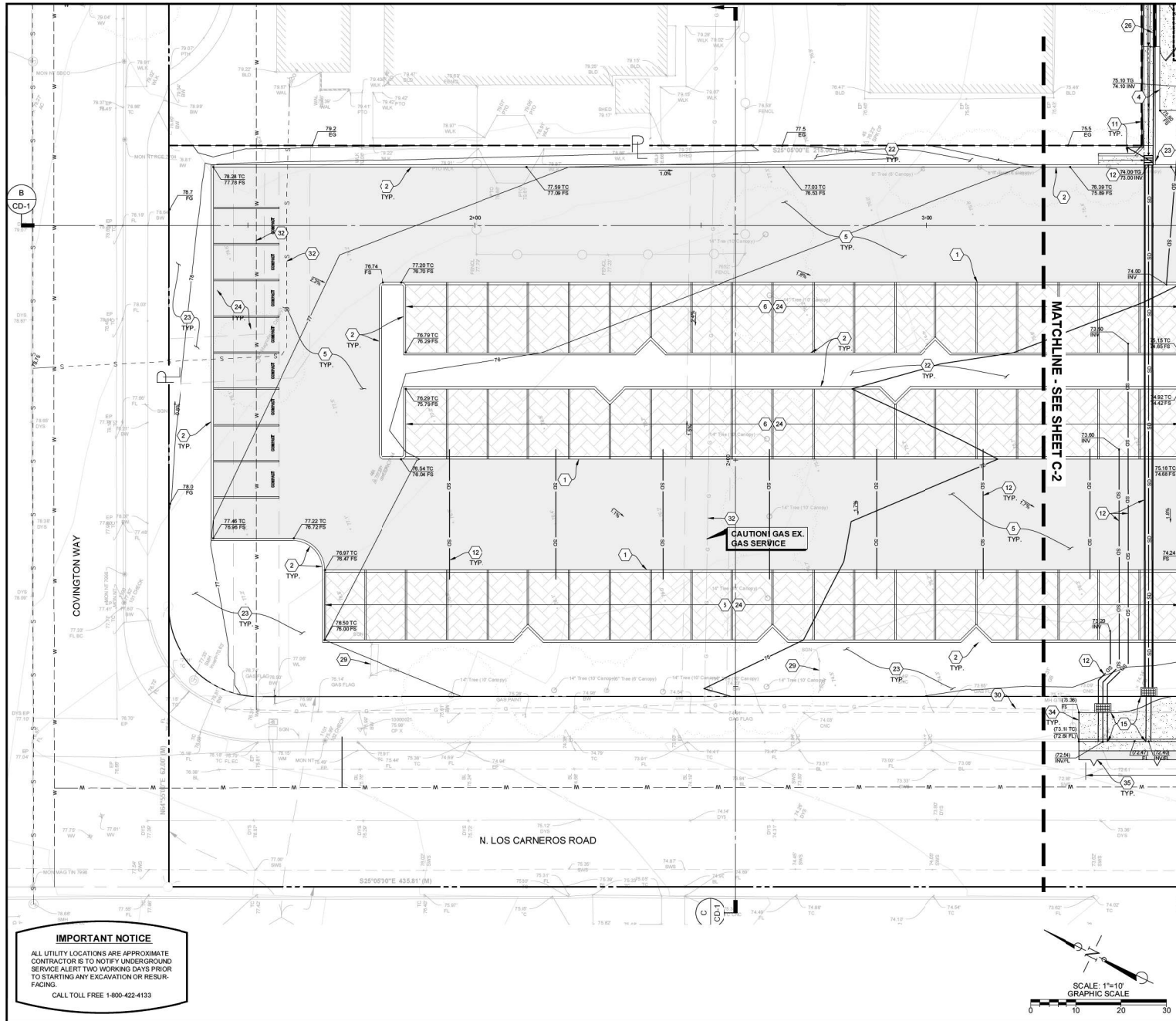
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FLOWERS & ASSOCIATES, INC.
115 W. Carson Peridale Street
Santa Barbara, CA 93101
Tel: 805.963.2424
Fax: 805.963.2424
BY: NOT FOR CONSTRUCTION DATE: 03/12/2025

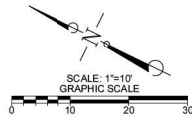
THE ENGINEER PREPARED THESE PLANS AND IS NOT RESPONSIBLE FOR THE USE OF ANY PART OF THESE PLANS INCLUDING ANY FIELD OR SURVEY DATA. THE USER OF ANY PART OF THESE PLANS SHALL BE RESPONSIBLE FOR THE USE OF ANY PART OF THESE PLANS INCLUDING ANY FIELD OR SURVEY DATA.

PLOTTED: Wednesday, March 12, 2025 9:14:22 PM

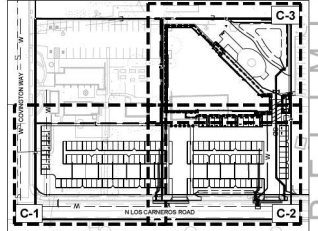
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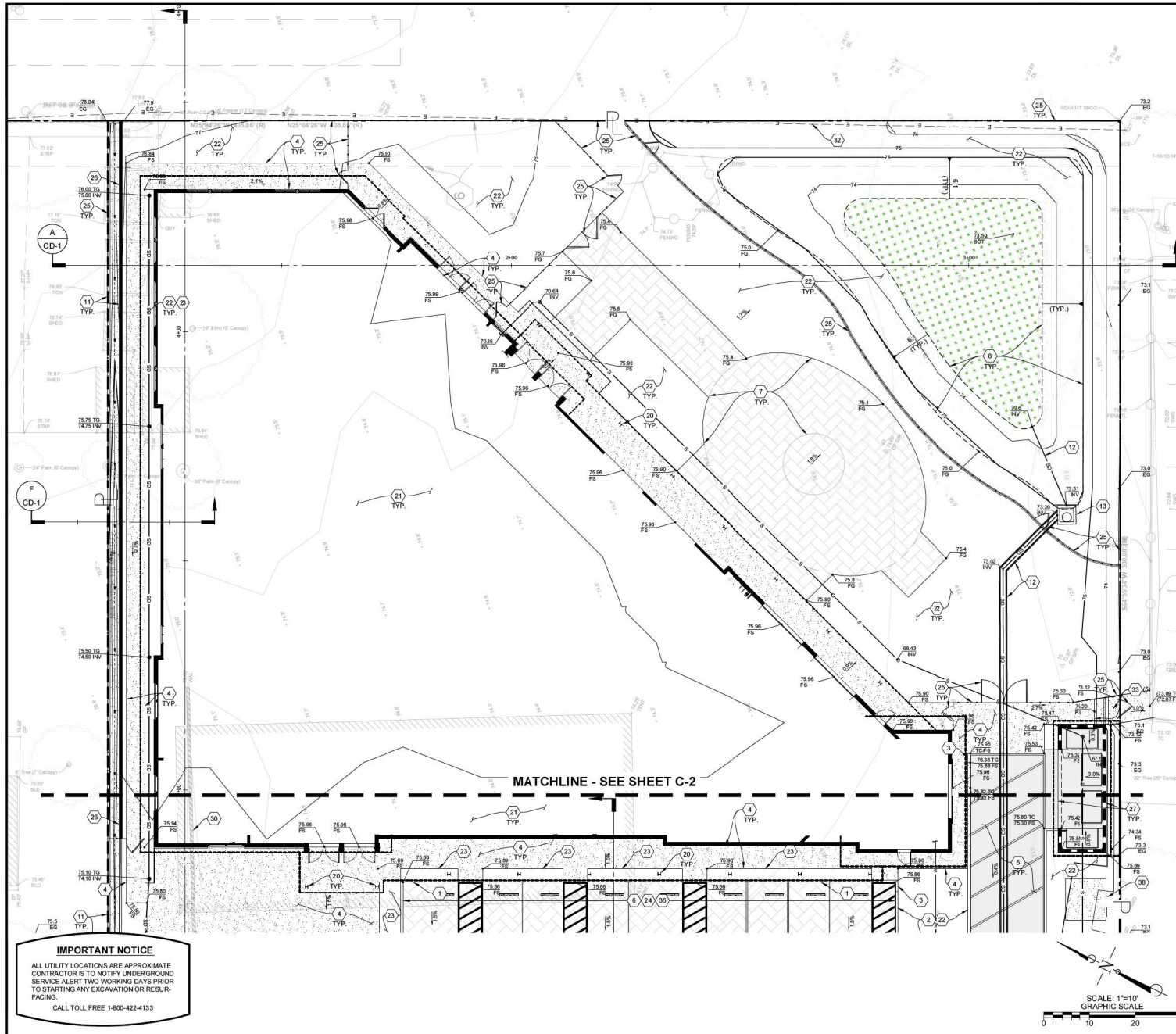


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 - SEE SHEET CD-1 AND CD-2 FOR SITE CROSS-SECTIONS.
 - SEE SHEET CD-3 FOR PRELIMINARY CONSTRUCTION DETAILS.
 - SEE SHEETS SW-1 & SW-2 FOR PRELIMINARY STORMWATER CONTROL PLANS.
 - REFER TO ARCHITECT'S AND LANDSCAPE ARCHITECT'S PLANS FOR ALL SETBACKS (BUILDING AND ESHA).
 - SEE LANDSCAPE ARCHITECT'S PLAN FOR PROPOSED IRRIGATION PLAN, PROPOSED PLANT SCHEDULE, AND FOR TREE REMOVAL INVENTORY.
 - SEE ARCHITECT'S SITE PLAN FOR STRIPPING AND SITE PLAN DIMENSIONS FOR LOT 1 (CLC) AND LOT 2 (THIS PROJECT).
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 - CONTRACTOR TO POTHOLE EXISTING UTILITIES AT PROPOSED LOCATION OR CONNECTIONS TO CONFIRM SIZE, TYPE, LOCATION, AND DEPTH PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES.
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 - SLOPE INDICATION ON PLAN ARE APPROXIMATE AND PROVIDED FOR REFERENCE. ALL SITE IMPROVEMENTS SHALL BE CONSTRUCTED BASED ON PROPOSED SPOT ELEVATIONS SHOWN.
- SPECIFIC CONSTRUCTION NOTES:**
 (NUMBERED ITEM BELOW CORRESPONDS TO NUMBER WITHIN HEXAGON ON DRAWING)
- PROPOSED 6" CONCRETE CURB.
 - PROPOSED 6" CONCRETE CURB.
 - PROPOSED 2' LONG 6" CONCRETE CURB TAPER TO 0'.
 - PROPOSED REINFORCED CONCRETE HARDSCAPE. ELEVATIONS PER PLAN.
 - PROPOSED ASPHALT PAVEMENT.
 - PROPOSED PERMEABLE PAVEMENT TRAFFIC-RATED SECTION.
 - PROPOSED PERMEABLE PAVEMENT PATIO AREA PER LANDSCAPE ARCHITECT'S PLANS.
 - PROPOSED DETENTION BASIN WITH LANDSCAPING PER LANDSCAPE ARCHITECT'S PLANS.
 - PROPOSED BIORETENTION FACILITY.
 - PROPOSED 6" WIDE, 1' TALL RETAINING CURB.
 - PROPOSED 2' WIDE, 1' DEEP CONCRETE V-DITCH.
 - PROPOSED STORM DRAIN PIPE.
 - PROPOSED STORM DRAIN CATCH BASIN.
 - PROPOSED STORM DRAIN CHANNEL DRAIN.
 - PROPOSED STORM DRAIN SIDEWALK UNDERDRAIN WITH GRATED CLEANOUT BOX AND CURB OUTLET PER PLAN.
 - PROPOSED SEWER IMPROVEMENTS.
 - PROPOSED WATER UTILITY IMPROVEMENTS.
 - PROPOSED FIRE HYDRANT.
 - PROPOSED 6" THICK, 29' WIDE CONCRETE COMMERCIAL DRIVEWAY PER COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS 4-010, 4-040 (PLAN C), AND 4-060.
 - PROPOSED OVERHANG/PERGOLA POST PER ARCHITECT'S PLAN.
 - PROPOSED BUILDING PER ARCHITECT'S PLANS.
 - PROPOSED LANDSCAPING PER LANDSCAPE ARCHITECT'S PLANS.
 - PROPOSED AT-GRADE PLANTER PER LANDSCAPE ARCHITECT'S PLANS.
 - PROPOSED PARKING LOT (STALL DIMENSIONS, STALL COUNT, WHEEL STOPS, AND USES (ADA, ELECTRICAL CONNECTIVITY, ETC.) PER ARCHITECT'S PLAN.
 - PROPOSED FENCING WITH ACCESS GATES PER LANDSCAPE ARCHITECT'S PLAN.
 - PROPOSED 6' HIGH (ABOVE GROUND) PHOTO II SCREEN WALL WITH VARIABLE-RETAINING (3-3) WALL PER PLAN BY OTHERS.
 - PROPOSED TRASH ENCLOSURE WITH SCREEN WALLS, STEM WALL, AND GATES PER ARCHITECT'S PLANS.
 - NOT USED.
 - EXISTING SIGN TO BE RELOCATED PER COORDINATION WITH EX. OWNERS.
 - EXISTING WALL TO BE REMOVED.
 - EXISTING FIRE HYDRANT TO BE RELOCATED.
 - PROTECT IN PLACE EXISTING UTILITY.
 - PROPOSED 5" STARS, COUNT PER PLAN.
 - PROPOSED REPLACEMENT 6' WIDE PUBLIC SIDEWALK (PLAN A) WITH SLOPING PER COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS 5-010 AND 5-040.
 - PROPOSED 2' WIDE SAWCUT OF EXISTING PAVEMENT OR HARDSCAPE, CUT FULL DEPTH TO PROVIDE A SMOOTH, CLEAN JOINT LOCATION.
 - PROPOSED ACCESSIBLE PARKING WITH SLOPES AT 2% OR LESS IN ALL DIRECTIONS.
 - PROPOSED BOLLARDS/PEDESTRIAN SAFETY INFRASTRUCTURE PER ARCHITECT'S PLANS.
 - ELECTRICAL TRANSFORMER CONCRETE PAD PER PLANS BY OTHERS.



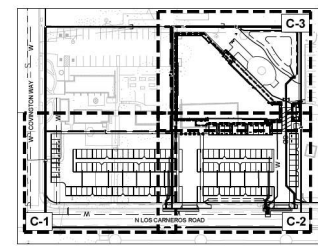
KEY MAP
 1" = 100'

<p>PRELIMINARY ANTHEM CHAPEL GOLETA IMPROVEMENT PLANS 6595 COVINGTON WAY APN 077-160-022 CITY OF GOLETA, CALIFORNIA</p>		<p>DATE: 03/14/2025 SHEET: 3 OF 9 W.O. 22027</p>
<p>FLORIAN & ASSOCIATES, INC. 115 W. Carson Peralta Street Santa Barbara, CA 93101 Tel: 805.963.2624 Fax: 805.963.2624 Email: info@florian.com</p>		<p>DATE: 03/14/2025 SHEET: 3 OF 9 W.O. 22027</p>

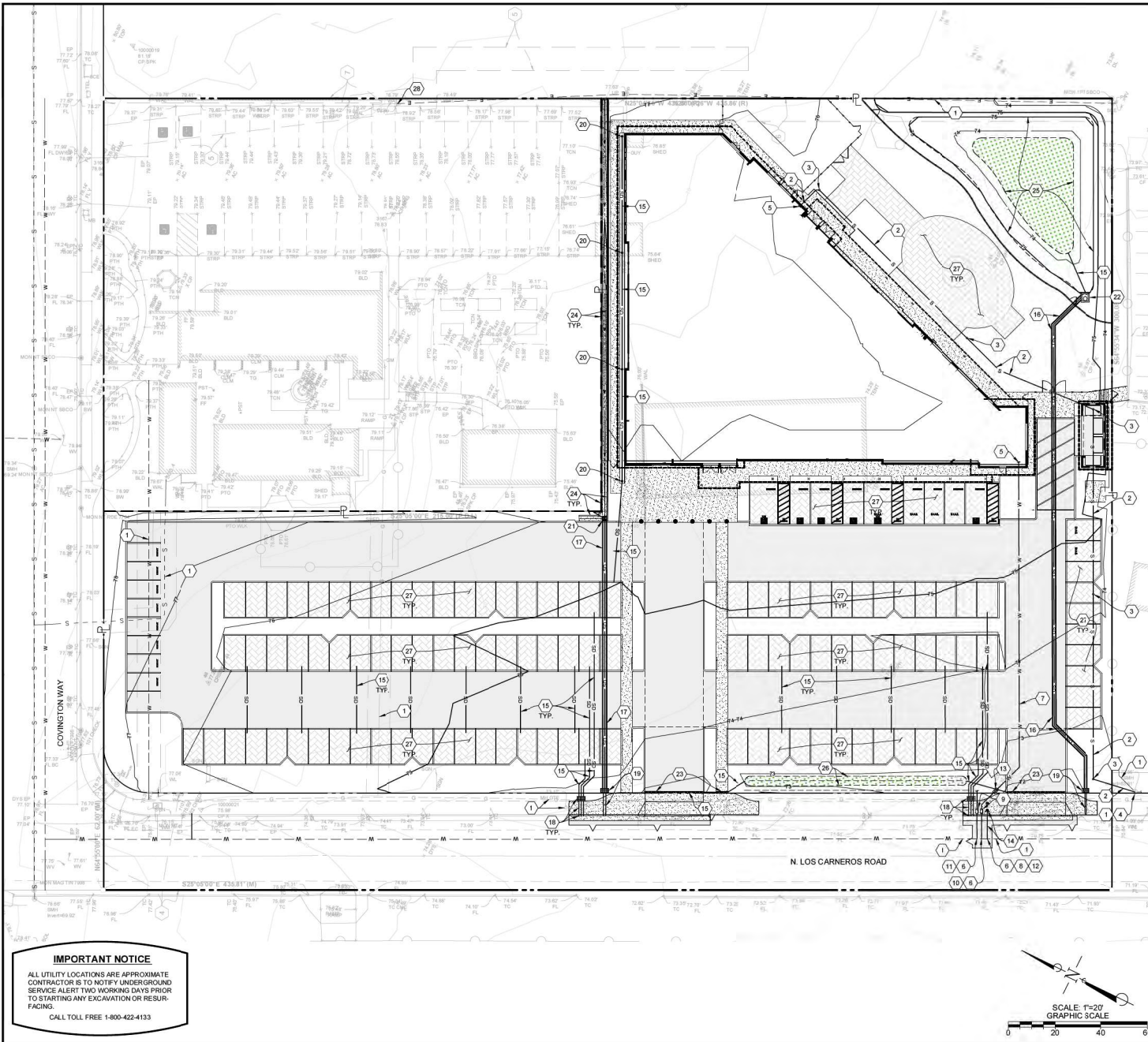


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 - PROPOSED ASPHALT PAVEMENT.
 - PROPOSED PERMEABLE PAVEMENT TRAFFIC-RELATED SECTION.
 - PROPOSED PERMEABLE PAVEMENT PATIO AREA PER LANDSCAPE ARCHITECT'S PLANS.
 - PROPOSED DETENTION BASIN WITH LANDSCAPING PER LANDSCAPE ARCHITECT'S PLANS.
 - PROPOSED BIORETENTION FACILITY.
 - PROPOSED 6" WIDE, 1' TALL RETAINING CURB.
 - PROPOSED 2' WIDE, 1' DEEP CONCRETE V-DITCH.
 - PROPOSED STORM DRAIN PIPE.
 - PROPOSED STORM DRAIN CATCH BASIN.
 - PROPOSED STORM DRAIN CHANNEL DRAIN.
 - PROPOSED STORM DRAIN SIDEWALK UNDERDRAIN WITH GRATED CLEANOUT BOX AND CURB OUTLET PER PLAN.
 - PROPOSED SEWER IMPROVEMENTS.
 - PROPOSED WATER UTILITY IMPROVEMENTS.
 - PROPOSED FIRE HYDRANT.
 - PROPOSED 6" THICK, 25' WIDE CONCRETE COMMERCIAL DRIVEWAY PER COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS 4-010, 4-040 (PLAN C), AND 4-060.
 - PROPOSED OVERHANG/PERGOLA POST PER ARCHITECT'S PLAN.
 - PROPOSED BUILDING PER ARCHITECT'S PLANS.
 - PROPOSED LANDSCAPING PER LANDSCAPE ARCHITECT'S PLANS.
 - PROPOSED AT-GRADE PLANTER PER LANDSCAPE ARCHITECT'S PLANS.
 - PROPOSED PARKING LOT (STALL DIMENSIONS, STALL COUNT, WHEEL STOPS, AND USES (ADA, ELECTRICAL CONNECTIVITY, ETC.) PER ARCHITECT'S PLAN.
 - PROPOSED FENCING WITH ACCESS GATES PER LANDSCAPE ARCHITECT'S PLAN.
 - PROPOSED 6" HIGH (ABOVE GROUND) PHOTO II SCREEN WALL WITH VARIABLE RETAINING (2-3) WALL PER PLAN BY OTHERS.
 - PROPOSED TRASH ENCLOSURE WITH SCREEN WALLS, STEM WALL, AND GATES PER ARCHITECT'S PLANS.
 - NOT USED.
 - EXISTING SIGN TO BE RELOCATED PER COORDINATION WITH EX. OWNERS.
 - EXISTING WALL TO BE REMOVED.
 - EXISTING FIRE HYDRANT TO BE RELOCATED.
 - PROTECT IN PLACE EXISTING UTILITY.
 - PROPOSED 5" STARS, COUNT PER PLAN.
 - PROPOSED REPLACEMENT 6" WIDE PUBLIC SIDEWALK (PLAN A) WITH SLOPING PER COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS 5-010 AND 5-040.
 - PROPOSED 2" WIDE SAWCUT OF EXISTING PAVEMENT OR HARDSCAPE, CUT FULL DEPTH TO PROVIDE A SMOOTH, CLEAN JOINT LOCATION.
 - PROPOSED ACCESSIBLE PARKING WITH SLOPES AT 2% OR LESS IN ALL DIRECTIONS.
 - PROPOSED BOLLARDS/PEDESTRIAN SAFETY INFRASTRUCTURE PER ARCHITECT'S PLANS.
 - ELECTRICAL TRANSFORMER CONCRETE PAD PER PLANS BY OTHERS.



PRELIMINARY GRADING & DRAINAGE PLAN PRELIMINARY ANTHEM CHAPEL GOLETA IMPROVEMENT PLANS 6505 COVINGTON WAY APN 077-160-022 CITY OF GOLETA, CALIFORNIA		DATE: 03/12/2025 SHEET: 5 OF 9 W.O. 22027
BY: NOTED FOR CONSTRUCTION DATE: 03/12/2025		REVISIONS NO. DESCRIPTION DATE APPROVED



- GENERAL CONSTRUCTION NOTES:**
- SEE SHEET RD-1 FOR REFERENCE AGENCY STANDARD DETAILS.
 - SEE SHEETS SW-1 & SW-2 FOR PRELIMINARY STORMWATER CONTROL PLANS.
 - SEE SHEETS C-1, C-2, AND C-3 FOR GRADED STORM DRAIN ELEMENTS AND INVERT, SLOPE, AND TOP OF GRATE ELEVATIONS.
 - FIRE SPRINKLER SYSTEM (LINE AND COMPONENTS) SHALL BE CONSTRUCTED PER SEPARATE PERMIT.
 - DRY UTILITY CONNECTIONS AND COMPONENTS SHALL BE PREPARED BY OTHERS.
 - REFER TO ARCHITECT'S AND LANDSCAPE ARCHITECT'S PLANS FOR ALL SETBACKS (BUILDING AND ESHA).
 - NO WORK SHALL TAKE PLACE WITHIN THE RIGHT OF WAY WITHOUT AN ENCROACHMENT PERMIT FROM THE CITY OF GOLETA.
 - SEE TENTATIVE PARCEL MAP FOR EXISTING AND PROPOSED EASEMENT INFORMATION.
 - EXISTING UTILITY INFORMATION SHOWN PER CITY OF GOLETA UTILITY GIS ATLAS MAPPING/SITE AS-BUILT PLANS. UTILITY COMPANY MARKUP, ATLAS INFORMATION PROVIDED BY GOLETA WATER DISTRICT AND GOLETA WEST SANITARY DISTRICT, AND SUPPLEMENTAL FIELD SURVEY INFORMATION.
 - EXISTING BURIED CONDUITS AND STRUCTURES KNOWN TO THE ENGINEER ARE SHOWN ON THESE PLANS. HOWEVER, ALL SUCH CONDUITS AND STRUCTURES MAY NOT BE SHOWN AND THE LOCATIONS OF THOSE SHOWN ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE PREPARE OF THE PLANS. THE CONTRACTOR SHALL INVESTIGATE, LOCATE AND MARK ALL EXISTING BURIED CONDUITS, PIPES AND STRUCTURES PRIOR TO START OF CONSTRUCTION.
 - CONTRACTOR TO POTHOLE EXISTING UTILITIES AT PROPOSED LOCATION OF CONNECTIONS TO CONFIRM SIZE, TYPE, LOCATION, AND DEPTH PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES.
 - ALL UTILITY WORK SHALL BE COORDINATED WITH RESPECTIVE UTILITY PROVIDERS.
 - ALL TRENCHING, BEDDING, AND BACKFILL IN THE PUBLIC RIGHT OF WAY SHALL BE CONSTRUCTED PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS 2-010, 2-020, 2-040, AND 2-090, WITH TRENCH PAVING SECTION TO MATCH EXISTING STREET PAVING SECTION.
 - ALL BACKFLOW PREVENTORS SHALL BE LEAD FREE AND CONFORM TO SPECIFICATIONS AND STANDARDS ESTABLISHED BY THE USC FOUNDATION FOR CROSS CONNECTION AND HYDRAULIC RESEARCH LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES PER SBSC CHAPTER 14.21.000 (b). BACKFLOW ASSEMBLIES SHALL BE INSTALLED BY A CERTIFIED BACKFLOW INSTALLER.
 - UPON INSTALLATION, THE BACKFLOW PREVENTION ASSEMBLIES SHALL BE TESTED BY A CERTIFIED BACKFLOW ASSEMBLY TESTER AND COMPLETED SUCCESSFUL REPORT SHALL BE SUBMITTED TO THE CITY.
 - ANY FIRE LINE THAT IS OPENED TO ATMOSPHERE MUST PASS A BAC-T TEST AND COMPLETE DISINFECTION, SAMPLING, FLUSHING AND PRESSURE TESTING PER GOLETA WATER DISTRICT STANDARD DETAIL 2-02.
 - ALL UTILITY CONDUCTORS INCLUDING ELECTRICAL SERVICE, TELEPHONE SERVICE, AND CABLE TELEVISION SHALL BE PLACED UNDERGROUND FROM THEIR POINT OF ORIGIN AT THE UTILITY POLE TO THE SERVICE METER OR TERMINATION POINT AT THE STRUCTURE. LIKELY POINT OF CONNECTION PER PLAN.
 - ONLY SEWER WASTE SHALL BE DISCHARGED TO THE GOLETA WEST SANITARY DISTRICT SEWER SYSTEM. AT NO TIME SHALL STORM DRAINS, ROOF DRAINS, IRRIGATION, ETC. BE CONNECTED TO ANY NEW OR EXISTING SEWER LATERALS OR MAINS.
 - FABRICATED WYES, TEES, OR SADDLES FOR SEWER LATERAL CONNECTIONS TO MAIN LINE ARE REQUIRED TO AND SHALL HAVE A MINIMUM DISTANCE OF 24" BETWEEN SERVICES.
 - IN PAVED AREAS OF LOW PIPE COVERAGE, STORM DRAIN PIPES SHALL BE ENCASED IN CONCRETE OF VARIABLE DEPTH (FROM BELOW GRAVEL LAYER TO SPRINGLINE OF PIPE).
- SPECIFIC CONSTRUCTION NOTES:**
(NUMBERED ITEM BELOW CORRESPONDS TO NUMBER WITHIN HEXAGON ON DRAWING)
- PROTECT IN PLACE EXISTING UTILITY.
 - PROPOSED 4" SDR 35 PVC SEWER LATERAL AT 2% MINIMUM SLOPE PER GOLETA WEST SANITARY DISTRICT (GWSO) STANDARD DETAIL 4.2 IN TRENCH PER GWSO STANDARD DETAIL 4.12.
 - PROPOSED SEWER CLEANOUT APPROX. EVERY 100 LINEAR FEET PER GWSO STANDARD DETAIL 4.5.
 - PROPOSED CONNECTION INTO EXISTING GWSO MANHOLE UTILIZING EXISTING PAN CONFIGURATION. PIPE CONNECTION TO MANHOLE PER GWSO SPECIFICATIONS.
 - PROPOSED BUILDING POINT OF CONNECTION. CONFIRM WITH ARCHITECT AND PLUMBING CONSULTANT PRIOR TO CONSTRUCTION.
 - PROPOSED CONNECTION TO (E) GWSO 14" ACP WATER MAIN.
 - PROPOSED 2" WATER SERVICE WITH TRENCHING PER GWSO STANDARD DETAIL 2-03.
 - PROPOSED FIRE WATER CUT-IN CONNECTION PER GWSO STANDARD DETAIL 2-05.
 - PROPOSED DOMESTIC AND IRRIGATION METER MANIFOLD PER GWSO STANDARD DETAILS 3-04 WITH METER BOX CONSTRUCTION PER DTL 3-05.
 - PROPOSED DOMESTIC WATER SERVICE CONNECTION WITH SADDLE PER GWSO STANDARD DETAILS 3-01 AND 3-03.
 - PROPOSED IRRIGATION WATER SERVICE CONNECTION WITH SADDLE PER GWSO STANDARD DETAILS 3-01 AND 3-02.
 - PROPOSED 6" FIRE SERVICE WITH THRUST BLOCK AND ISOLATION VALVE PER GWSO STANDARD DETAILS 3-01 AND 3-02.
 - PROPOSED BACKFLOW ASSEMBLY PER GWSO STANDARD DETAILS 3-12.
 - PROPOSED FIRE HYDRANT ASSEMBLY WITH VALVE CAN AND THRUST BLOCK PER GWSO STANDARD DETAILS 4-01, 3-07, AND 3-09.
 - PROPOSED 6" HOPE STORM DRAIN PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS.
 - PROPOSED 15" HOPE STORM DRAIN PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS.
 - PROPOSED 18" HOPE STORM DRAIN PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS.
 - PROPOSED ROUND STORM DRAIN SIDEWALK UNDERDRAIN WITH GRATED CLEANOUT BOX AND ROUND CURB OUTLET PER PLAN. PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS 3-060.
 - PROPOSED RECTANGULAR STORM DRAIN SIDEWALK UNDERDRAIN WITH GRATED CLEANOUT BOX AND 4" HIGH BY 24" WIDE RECTANGULAR CURB OUTLET PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS 3-060.
 - PROPOSED 8" DIAMETER CATCH BASIN.
 - PROPOSED 24"x24" CATCH BASIN.
 - PROPOSED TYPE A DROP INLET WITH 3 WINDOWS PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS 3-050.
 - PROPOSED 6" WIDE STORM DRAIN CHANNEL DRAIN.
 - PROPOSED 2" WIDE, 1' DEEP CONCRETE V-DITCH WITH 0.5% MINIMUM SLOPE.
 - PROPOSED DETENTION BASIN.
 - PROPOSED BIOTRETENTION BASIN.
 - PROPOSED PERMEABLE PAVEMENT STORMWATER TREATMENT AREA.
 - PROPOSED POINT OF CONNECTION FOR ELECTRICAL - PLANS BY OTHERS.

PRELIMINARY UTILITY PLAN

PRELIMINARY ANTHEM CHAPEL GOLETA IMPROVEMENT PLANS

6595 COVINGTON WAY
CITY OF GOLETA, CALIFORNIA

DATE: 03/12/2025
BY: [Signature]
CHECKED: [Signature]
DATE: 03/12/2025

UTILITY PLAN
U-1

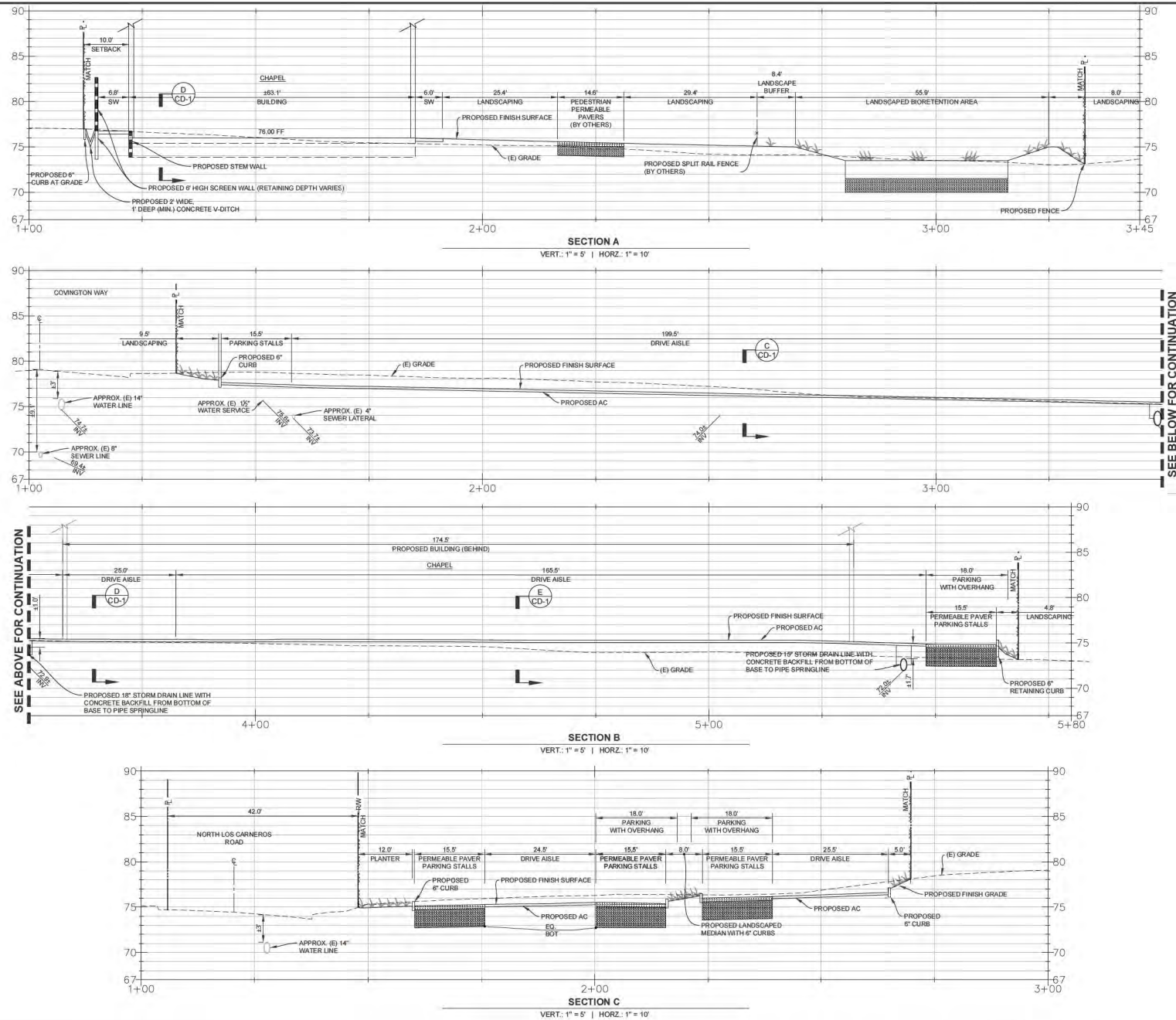
MARCH 12, 2025
SHT. 6 OF 9

W.O. 22027

IMPORTANT NOTICE

ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR IS TO NOTIFY UNDERGROUND SERVICE ALERT TWO WORKING DAYS PRIOR TO STARTING ANY EXCAVATION OR RESURFACING.

CALL TOLL FREE 1-800-422-4133



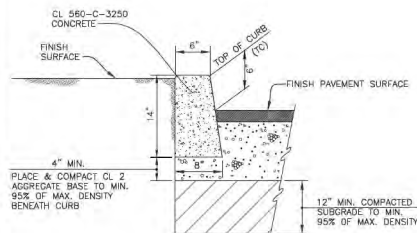
PRELIMINARY - NOT FOR CONSTRUCTION

REVISIONS		DATE	APPROVED
NO.	DESCRIPTION		
1	ISSUED FOR PERMITTING	03/12/2025	CD-1

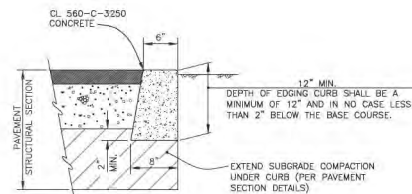
CD-1
 PRELIMINARY ANTHEM CHAPEL GOLETA IMPROVEMENT PLANS
 6595 COVINGTON WAY
 APN 077-160-022
 CITY OF GOLETA, CALIFORNIA

BY: **FLOWERS & ASSOCIATES, INC.**
 115 W. Carson Paredale Street
 Santa Barbara, CA 93101
 Tel: 805.963.2222
 Fax: 805.963.2222
 PRELIMINARY DATE:

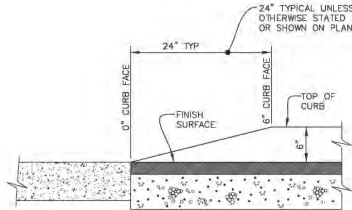
NOT FOR CONSTRUCTION
 THE ENGINEER PREPARED THESE PLANS AND WILL NOT BE RESPONSIBLE FOR ANY UNAUTHORIZED OR REVERSED PROJECT SCOPE, OR FOR ANY OTHER PRODUCT AT THE END OF ANY OTHER SET.



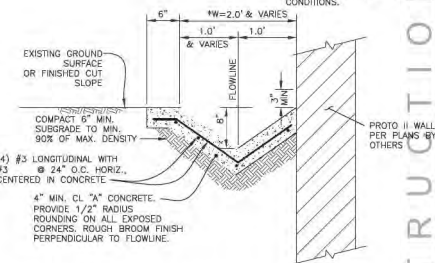
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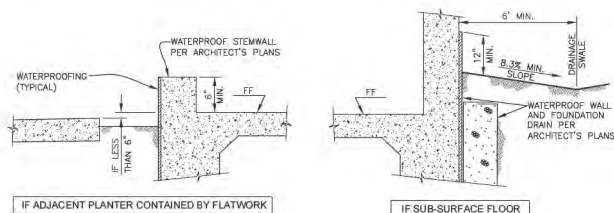
FLUSH EDGING CURB DETAIL
SCALE: NTS



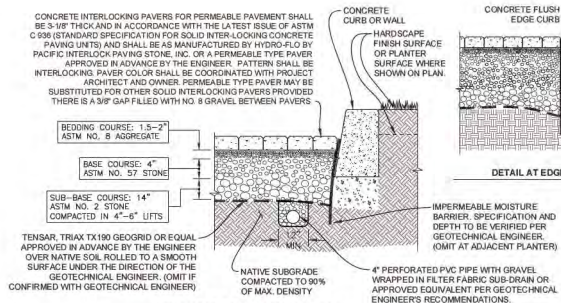
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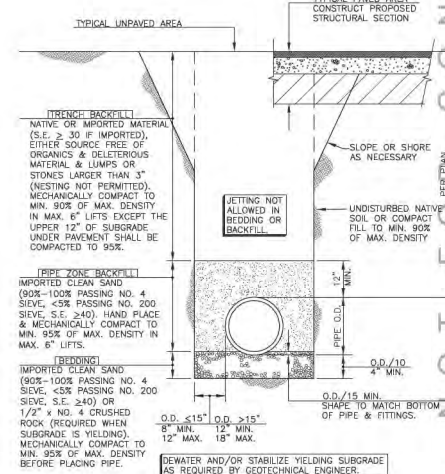
CONCRETE \"V\" DITCH ADJACENT TO RETAINING WALL DETAIL
SCALE: NTS



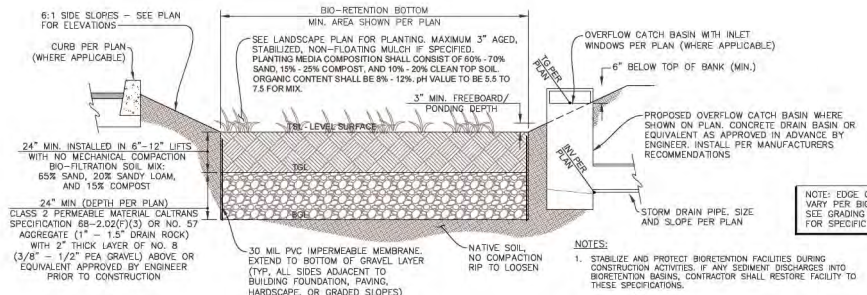
TYPICAL GRADE CONTROL AT BUILDING DETAIL
SCALE: NTS



PERMEABLE PAVERS DETAIL
NOT TO SCALE



PIPE TRENCH DETAIL
SCALE: NTS



BIO-RETENTION BASIN DETAIL
SCALE: NTS





REVISIONS		DATE	APPROVED
NO.	DESCRIPTION <td></td> <td></td>		

PRELIMINARY CONSTRUCTION DETAILS CONSTRUCTION CHAPEL GOLETA IMPROVEMENT PLANS 115 W. Carson Paredes Street Santa Barbara, CA 93101 Tel: 805.963.1234 Fax: 805.963.1235		BY: NOT FOR CONSTRUCTION DATE:
PRELIMINARY ANTHEM CHAPEL GOLETA IMPROVEMENT PLANS 6505 COVINGTON WAY APN 077-160-022 CITY OF CALIFORNIA		SHEET PLANS HAVE BEEN PREPARED SOLELY FOR USE FOR THE PROJECT DESCRIBED AND ARE SPECIFICALLY LIMITED TO THE AREA AND SITE SHOWN. NO OTHER PROJECTS OR AREAS ARE TO BE CONSIDERED.



Layout Legend

#	Description	Material / Finish	Detail(s)
1	(N) Preschool play yard		
2	(N) 4H play yard fence		
3	(N) Perimeter fence	Black vinyl chain link	
4	(N) Native buffer	Per Planting Plan	
5	(N) ESHA remediation in 50' buffer zone	Per Civil Engineer	
6	(N) Decorative inlaid emblem		
7	(N) Pavers, non-vehicle	Holland 80mm 6"x12" basketweave pattern.	4L/C-2
8	(N) Mown meadow	Per Planting Plan	
9	(N) Angelus pavers, vehicular, permeable	Holland 80mm 6"x12" basketweave pattern. Section per Civil Engineer. Color sample to be approved by Landscape Architect	1L/C-2
11	(N) Bollards		
12	(N) Concrete walk	Top coat in 5 natural color concrete. Sample to be approved by Landscape Architect	2L/C-2
13	(N) Asphalt	Holland 80mm index greater than 29	3L/C-2
14	(N) 4H Split rail		

TREES TO BE REMOVED			
SYMBOL	CODE	SPECIES	QTY
	MAG	Magnolia grandiflora	1
	ELM	Ulmus parvifolia	1
	CAM	Cinnamomum camphora	15
	PLM	Phoenix canariensis	1
	Lot 1:		
	ARU	Arucaria heterophylla	1
	PLM	Phoenix canariensis	2
FENCING LEGEND			
SYMBOL	HEIGHT	MATERIAL	
	6"	Black vinyl chain link	
	4"	Wood, split rail fence	
	6"	Black vinyl chain link	

FENCING LEGEND		
SYMBOL	HEIGHT	MATERIAL
	6'	Black vinyl chain link
	4'	Wood, split rail fence
	4'	Black vinyl chain link

N. LOS CARNEROS ROAD



202 East Cota Street
Santa Barbara, CA 93101
tel 805.962.9055
fax 805.962.5656
crescidiastudio.com



• • • •
Revisions

ANTHEM CHAPEL GOLETA
6595 Covington Way
Goleta, CA
93117

LAYOUT PLAN

ISSUE

Submission Sept 02.25.2025

Date	Job Number
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<i>Drawn By</i>	<i>Checked by</i>
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Sheet - of -

101

LC-1

NOT FOR
CONSTRUCTION

.....
Issue



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



• • • •
Revisions

ANTHEM CHAPEL GOLETA
6595 Covington Way
Goleta, CA 93117

CONSTRUCTION DETAILS

<p>Issue</p> <p>Submittal Set 02.25.2025</p>	
Date 02.25.2025	Job Number 24.005
Drawn By SNS/KK	Checked by KIG
Checked by	

LC-2

PLANT SCHEDULE

ESHA PLANTING

CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
OS	Ceanothus 'Concha'	California Lilac	15 gal	3,363 SF
OS	Ribes viburnifolium	European Currant	5 gal	
OS	Rhamnus californica	California Coffeeberry	5 gal	
OS	Salvia apiana	White Sage	5 gal	
OS	Prunus icitola spp. icitola	Ichitola Cherry	15 gal	
OS	Artemisia californica	California Sagebrush	5 gal	
OS	Stipa pulchra	Purple Needle Grass	5 gal	
OS	Asclepias fascicularis	Milkweed	5 gal	
OS	Eriogonum fasciculatum	California Buckwheat	5 gal	
OS	Penstemon heterophyllus	Frostbit Penstemon	5 gal	
OS	Carex praegracilis	California Reed Sage	5 gal	1,187 SF
OS	Ceanothus 'Concha'	California Lilac	15 gal	1,840 SF
OS	Ribes viburnifolium	European Currant	5 gal	
OS	Rhamnus californica	California Coffeeberry	5 gal	
OS	Salvia apiana	White Sage	5 gal	
OS	Prunus icitola spp. icitola	Ichitola Cherry	15 gal	
OS	Artemisia californica	California Sagebrush	5 gal	
OS	Stipa pulchra	Purple Needle Grass	5 gal	
OS	Asclepias fascicularis	Milkweed	5 gal	
OS	Eriogonum fasciculatum	California Buckwheat	5 gal	
OS	Penstemon heterophyllus	Frostbit Penstemon	5 gal	
OS	Bouteloua gracilis meadow			3,200 SF
OS	Muhlenbergia rigens	Deer Grass	5 gal	1,789 SF
OS	Mahonia repens	Common Mahonia	5 gal	
OS	Achillea millefolium	Common Yarrow	5 gal	
OS	Carex tenuicula	Frostbit Sage	5 gal	

ESHA TREES

CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
OS	Quercus agrifolia	California Live Oak	24" Box	2
OS	Quercus agrifolia	California Live Oak	24" Box	2

PARKING LOT PLANTING

CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
OS	Ceanothus 'Concha'	California Lilac	15 gal	4,275 SF
OS	Salvia apiana	White Sage	5 gal	
OS	Leymus condensation Canyon Pine	Canyon Pine Giant Wild Rye	5 gal	7,763 SF
OS	Eriogonum 'Grande Rubescens'	Red Buckwheat	5 gal	
OS	Salvia x Bee's Bliss	Bee's Bliss Sage	5 gal	
OS	Agave attenuata 'Nova'	Blue Fox Tail Agave	5 gal	
OS	Correa Ivory Bell	White Australian Fuchsia	5 gal	
OS	Rhaphiophila indica 'Clara'	Indian Hawthorn	5 gal	
OS	Arctostaphylos 'Emerald Carpet'	Emerald Carpet Manzanita	5 gal	
OS	Trachostema perennans	Chinese Star Jasmine (planted)	5 gal	15

PARKING LOT TREES

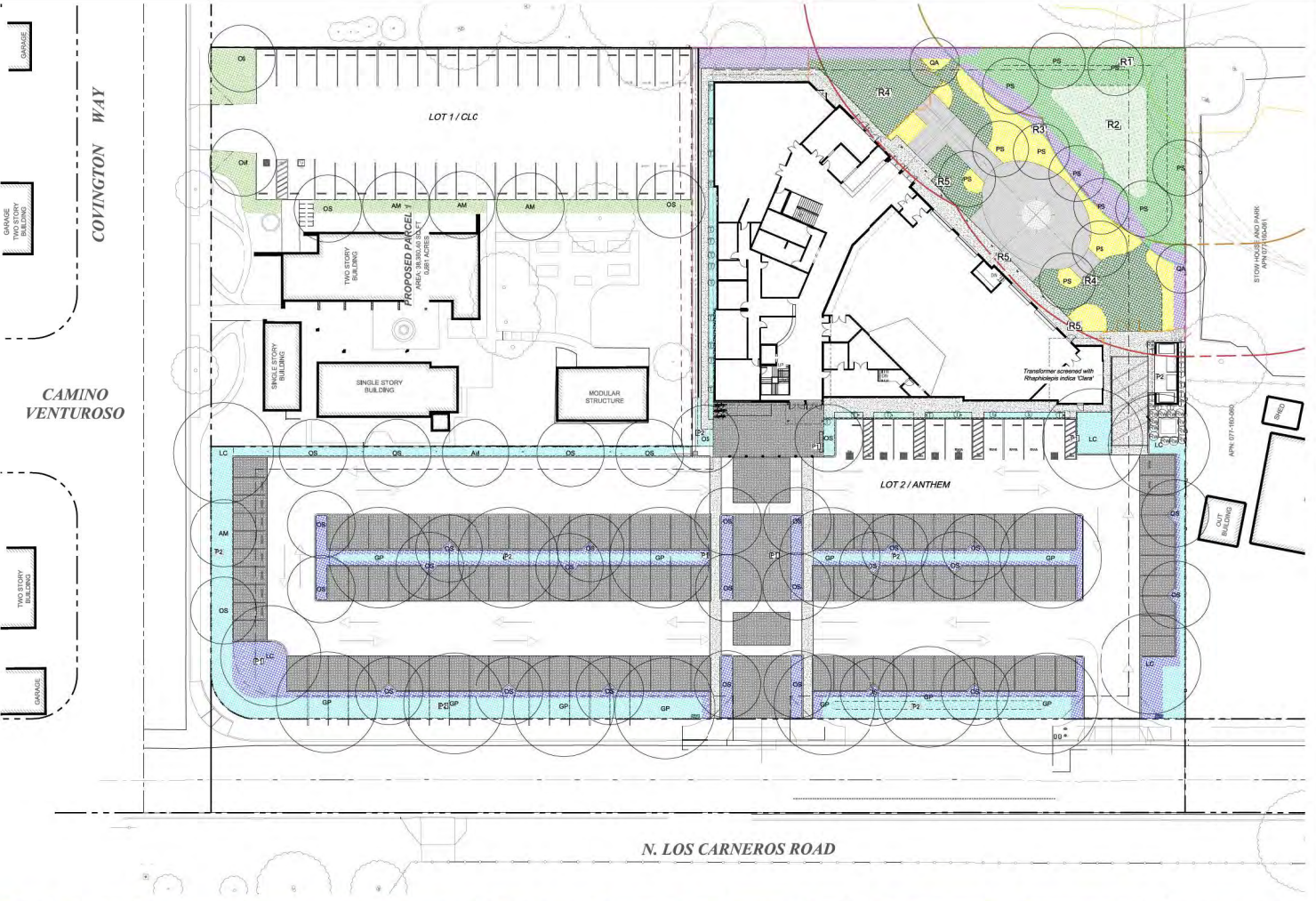
CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
OS	Quercus agrifolia	Australian Willow	24" Box	12
OS	Lophostemon confertus	California Bay	24" Box	3
OS	Olea europaea 'Swan Hill'	Swan Hill Fruitless Olive	24" Box	3

SHRUBS

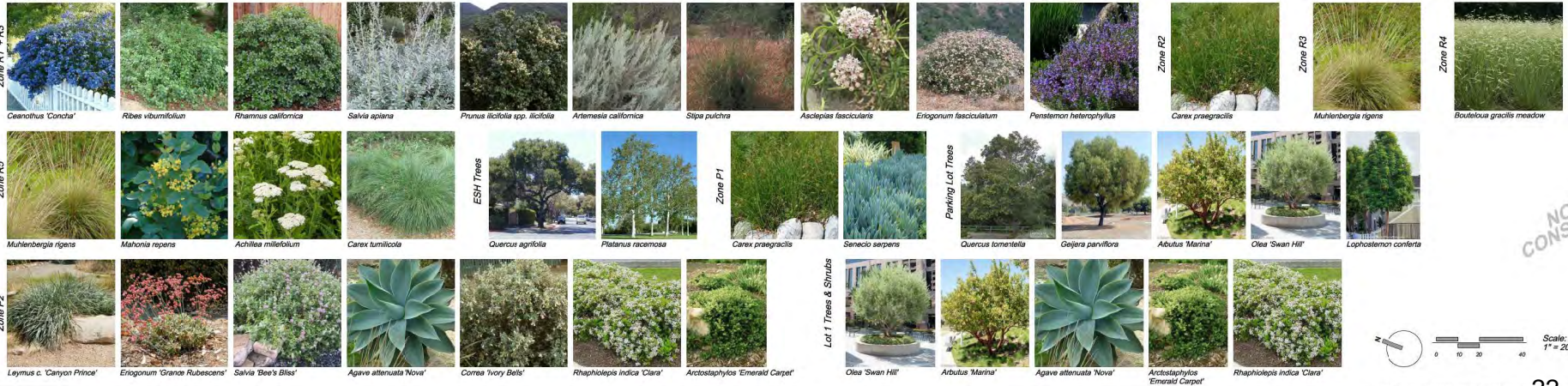
CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
OS	Trachostema perennans	Chinese Star Jasmine (planted)	5 gal	15
OS	Rhaphiophila indica 'Clara'	White Indian Hawthorn	5 gal	14

LOT 1 PLANTING SCHEDULE

TREES	BOTANICAL NAME	COMMON NAME	SIZE	QTY
OS	Olea europaea	(EU) Olive Multi-Trunk	Existing to Remain	1
OS	Arctostaphylos	Marine Strawberry Tree	24" Box	3
OS	Olea europaea 'Swan Hill'	Swan Hill Fruitless Olive	24" Box	3
OS	Agave 'Nova'	Nova Foxtail agave	5 gal	1,817 SF
OS	Arctostaphylos 'Emerald Carpet'	Emerald Carpet Manzanita	5 gal	
OS	Rhaphiophila 'Clara'	White Indian Hawthorn	5 gal	



Plant Imagery



201 East Concha Street
Santa Barbara, CA 93101
Tel: 805.962.9555
Fax: 805.962.9556
info@arabianla.com



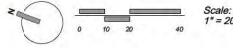
Revisions

ANTHEM CHAPEL GOLETA
6595 Covington Way
Goleta, CA
93117

PLANTING ZONES & PLAN

Issue
Submitted Set 02.25.2025
Date 02.25.2025 Job Number 24.005
Drawn by SNOOKK Checked by KIG
Sheet - of -

LP-1



NOT FOR CONSTRUCTION

1. All plants are identified by typical symbols. Plant quantities are approximate and provided for the contractor's convenience. In the event of discrepancies in plant count, quantities indicated by plant symbols on the plan prevail.

- [illegible]

- [illegible]

away from plant stems. Submit mulch samples to Landscape Architect for approval prior to purchase and delivery.

25. Preserve and protect all existing trees unless otherwise noted.
26. **Planting mix for raised plantings:**
 - 1 part washed sand
 - 1 part peat moss
 - 2 parts topsoilPlantings must be made in a well-drained and approved area (All Arundel Ingotment and Supply RGS-66-018-1142).
27. **Peak trees installed in limited planting spaces that require staking for stability may be supported by a 1" diameter galvanized pipe or stake.** The stake should be placed in the soil at least 12" from the first trunk. Drive the pipe 48" deep below first grade and/or 12" below the root ball.
28. **Planting policy by medium:**
 - 10 medium ground cover per mass
 - 10 medium shrubs
 - 10 medium vermiculite
29. **Thoroughly mix and moisten planting mix** unless otherwise noted.
30. **Planting mix per cubic yard** varies unless otherwise noted.
31. **Thoroughly mix and moisten planting mix** in pots prior to planting. After installation, replacement planting soil not required (except for trees). Install plants in the planting mix to a depth of 2" and place a layer of fine fabric between the planting mix and the existing ground. Place 10" square plastic mulch over the planter drain holes. Provide and install bark mulch in all plantings.
32. **Planting mix per cubic yard** varies unless otherwise noted.
33. **Top 1" of bark mulch must be approximately 2" deep.**
34. **Set out all pots and plant material as shown on plan.** Prior to installation, plant material should be inspected by the landscape architect for any damage.
35. **Trunk and shrubs shown on plan as "to be transplanted"** describe contractor's responsibility.
36. **Plant quantities indicated in the plant schedule are for the entire planting area and for each match-line section.**
37. **Any tree or plant containing large blemishes or obvious surface defects shall be replaced at the contractor's expense.**
38. **Plant quantities indicated in the plant schedule are for the entire planting area and for each match-line section.**
39. **In areas with significant poor topsoil conditions that can not be improved by the use of the approved planting mix, the contractor shall be required to place a layer of approved topsoil over the poor topsoil.**
40. **Overlays as specified in 6.07 and take one as 6.07's controls.**
41. **Plantings shall be made in accordance with the American Horticultural Society's "Standard Planting Methods" and the American Horticultural Society's "Significant" population/Condition to include cost of the plants and the cost of the planting equipment.**
42. **Podium plants must not be fired until the waterproofing is complete.**



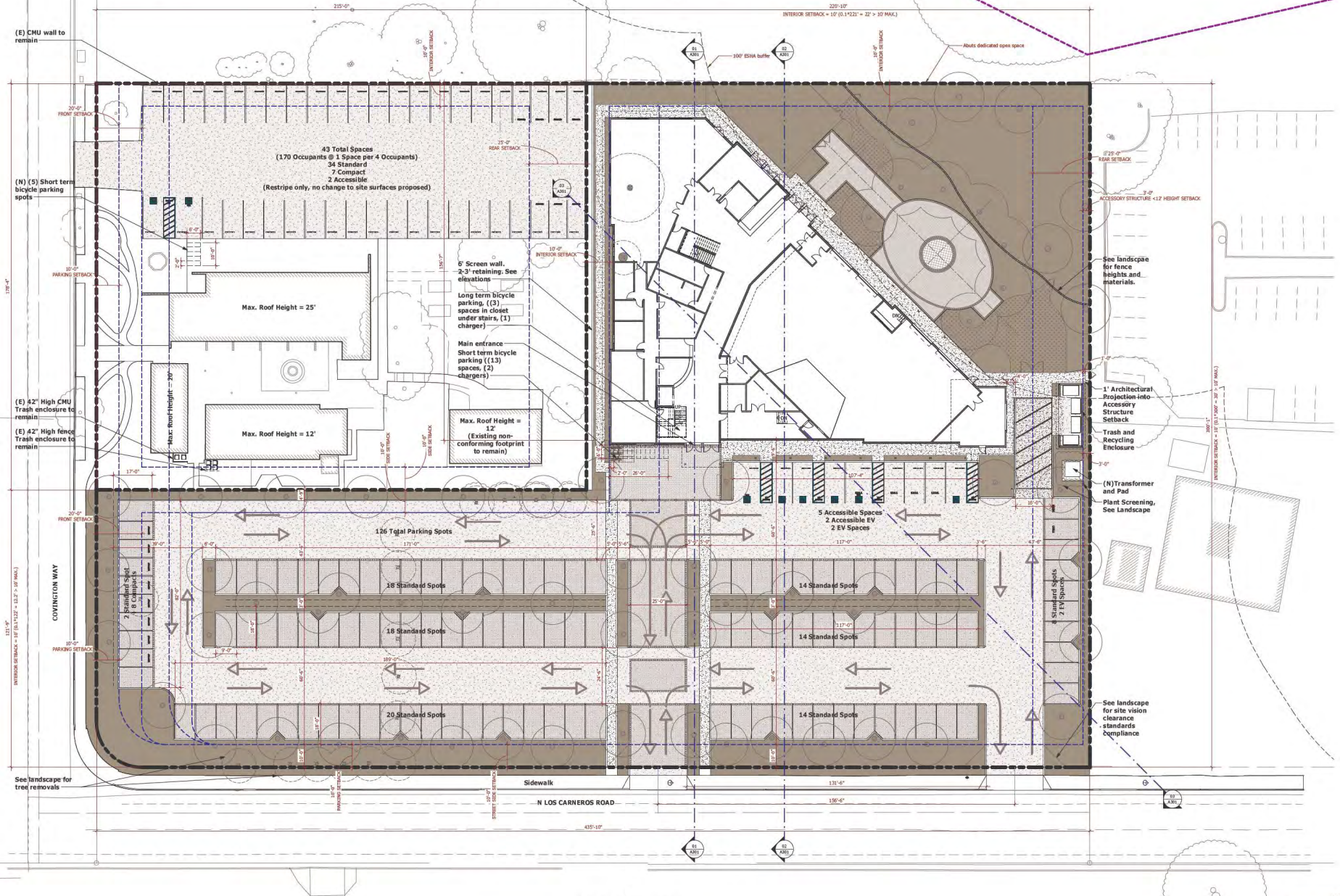


Lot 1 (CLC) Site Statistics

Gross Lot Area: 38,360 S.F. (0.881 ACRES)
 Net Lot Area: 38,360 S.F. (0.881 ACRES)
 Building Area (Habitable + Non-Habitable): 5,698 S.F.
 Landscape Area: 14,978 S.F.
 Hardscape Area: 17,684 S.F.

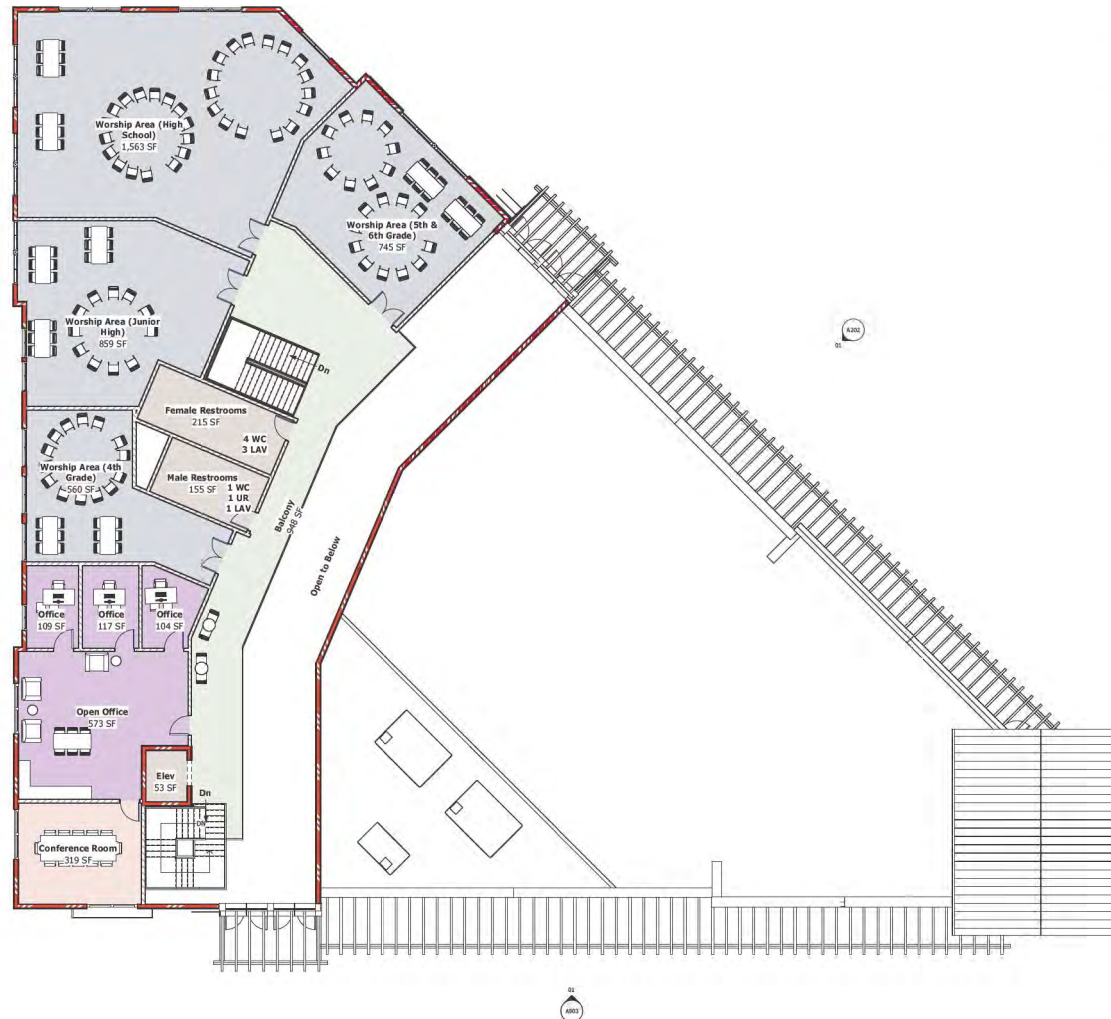
NOTE: Turning and backup radiuses are determined by providing drive aisle widths in compliance w/ Zoning Ordinance 17.38.110. All drive aisle widths are shown on the plan.

FIGURE CE 4-1
BOUNDARY



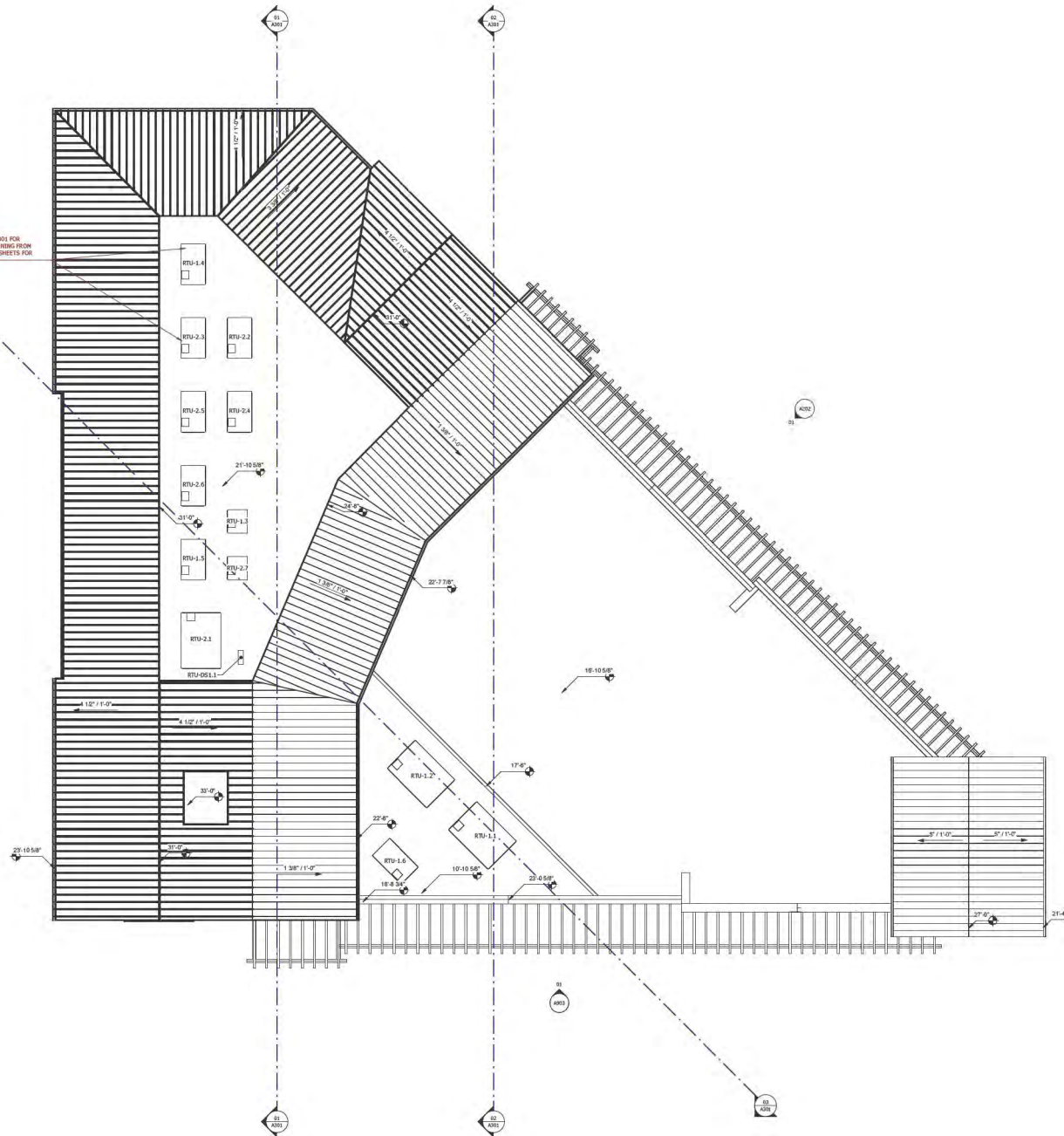


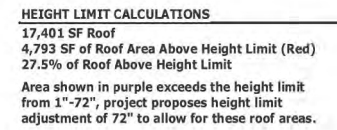
ROOM AREA SCHEDULE	
Name	Area
1st	
Vestibule	127 SF
Paseo	2479 SF
Infant Check-in	445 SF
Kitchen	144 SF
Cafe	152 SF
Fellowship	414 SF
Preschool	279 SF
Daycare (Nursery)	358 SF
Elev	53 SF
Female Restroom	206 SF
Male Restroom	204 SF
Kid's Worship Area	2223 SF
Boys	108 SF
Girls	137 SF
Storage	504 SF
Stage	528 SF
Storage	240 SF
Green Room	427 SF
Vestibule	93 SF
Audio/Slides	95 SF
Elev Eq.	106 SF
Sanctuary	4919 SF
Reception/Check-in	142 SF
Storage	59 SF
Video/Media	124 SF
Vestibule	96 SF
Daycare (2 Year Old)	160 SF
Daycare (3 Year Old)	305 SF
Paseo	27 SF
Paseo	42 SF
Storage	47 SF
	15244 SF



ROOM AREA SCHEDULE	
Name	Area
2nd	
Worship Area (High School)	1563 SF
Worship Area (5th & 6th Grade)	745 SF
Worship Area (Junior High)	859 SF
Worship Area (4th Grade)	560 SF
Male Restrooms	155 SF
Female Restrooms	215 SF
Office	104 SF
Office	117 SF
Office	109 SF
Open Office	573 SF
Elev	53 SF
Balcony	948 SF
Conference Room	319 SF
	6321 SF

ROOFTOP MECHANICAL UNITS, SEE A301 FOR
SIGHT LINES DEMONSTRATING SCREENING FROM
STREET VIEW, SEE MECHANICAL CUT SHEETS FOR
EQUIPMENT SIZES.

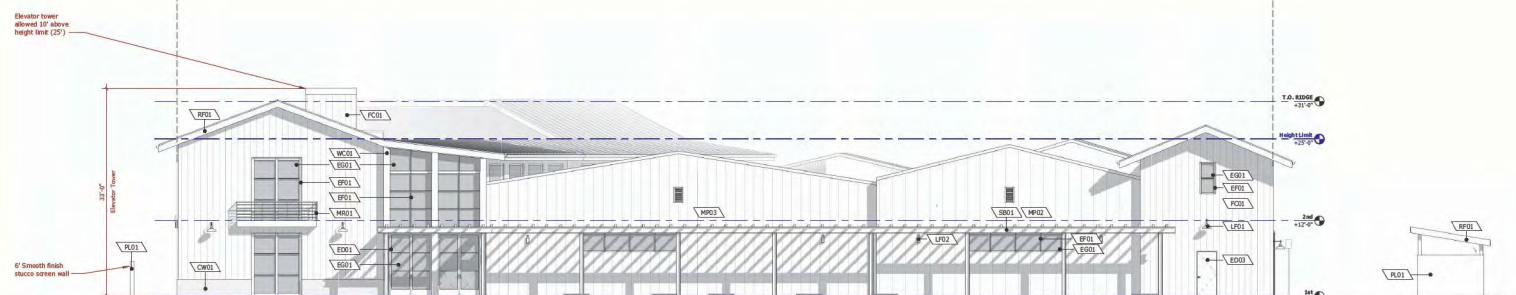




EXTERIOR MATERIAL SCHEDULE				
Description	Mark	Color	Manufacturer	Comments
Troweled Concrete Wall Base	CW01	Muddy Gray	Shawin Williams	Vendor
Storefront Door	ED01	Medium Bronze	Arco	Anodized Aluminum
Exterior Metal Roll-up Door	ED02	Medium Bronze	TBD	Anodized Aluminum
Exterior Door	ED03	Medium Bronze	TBD	Anodized Aluminum
Exterior Barn Door	ED04	Yankee Barn	Shawin Williams	Barn Wood Look
Exterior Storefront Frame	EP01	Medium Bronze	Arco	Anodized Aluminum
Exterior Glazing	EG01	Optigray	Vitro	Dual Glazed, Low-E, Low Reflectivity
Board and Batten Siding	PC01	Birch Tree	James Hardie	Hardie Panel, Smooth Finish, Board and Batten
Lap Siding	PC02	Rustic Barn	James Hardie	Hardie Panel, Smooth Finish
Exterior RLM Light	LF01	Medium Bronze	TBD	Anodized Aluminum, see Lighting Plan
Exterior Sconce	LF02	Medium Bronze	TBD	Anodized Aluminum, see Lighting Plan
Metal Panel Siding	MP02	Rustic Red	MB&C	PW-120
Metal Panel Siding	MP03	Ash Gray	MB&C	PW-120
Metal Panel Siding	MP04	Charcoal Gray	MB&C	PW-120
Metal Guardrail	MR01	Dark Bronze	TBD	By Steel Fabricator
Smooth Trowel Stucco	PS01	White	TBD	By Steel Fabricator
Roof Fascia	RF01	White	MB&C	By Steel Manufacturer
Roof Gutter	RG01	White	MB&C	By Steel Manufacturer
Steel Beam	SB01	Dark Bronze	TBD	By Steel Fabricator
Standing Seam Metal Roofing	SR01	White	Shawin Williams	Vendor
Wood Chair Columns	WC01	Yankee Barn	Shawin Williams	Barn Wood Look



CONCEPT ELEVATION WEST
1/8" = 1'-0" 02



WEST ELEVATION
1/8" = 1'-0" 01

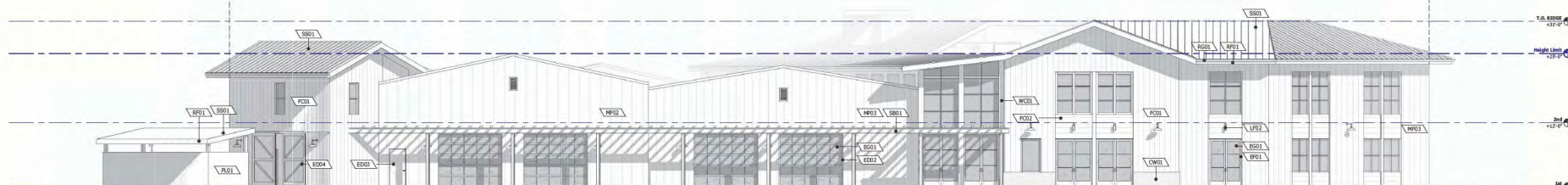
Anthem Chapel Goleta
CONCEPT BUILDING ELEVATION WEST

03/14/2023

EXTERIOR MATERIAL SCHEDULE				
Description	Mark	Color	Manufacturer	Comments
Troweled Concrete Wall Base	CW01	Muddy Gray	Shawin Williams	
Storefront Door	ED01	Medium Bronze	Arcoflex	Anodized Aluminum
Exterior Metal Roll-Up Door	ED02	Medium Bronze	TBD	Anodized Aluminum
Exterior Door	ED03	Medium Bronze	TBD	Anodized Aluminum
Exterior Barn Door	ED04	Yankee Barn	Shawin Williams	Barn Wood Look
Exterior Storefront Frame	FP01	Medium Bronze	Arcoflex	Anodized Aluminum
Exterior Glazing	IC01	Optigray	Vitro	Dual Glazed, Low-E, Low Reflectivity
Board and Batten Siding	PC01	Birch Tann	James Hardie	Hardie Panels, Smooth Finish, Board and Batten
Lap Siding	PC02	Rustic Ranch	James Hardie	Hardie Panels, Smooth Finish, Board and Batten
Exterior RLM Light	LF01	Medium Bronze	TBD	Anodized Aluminum, see Lighting Plan
Exterior Sconce	LF02	Medium Bronze	TBD	Anodized Aluminum, see Lighting Plan
Metal Panel Siding	MP02	Rustic Red	MB02	PW-120
Metal Panel Siding	MP03	Ash Gray	MB03	PW-120
Metal Panel Siding	MP04	Charcoal Gray	MB04	PW-120
Metal Guardrail	MR01	Dark Bronze	TBD	By Steel Fabricator
Smooth Trowel Stucco	PS01	White	TBD	
Roof Fascia	RF01	White	MB02	By Roof Manufacturer
Roof Gutter	RG01	White	MB03	By Roof Manufacturer
Steel Beam	SB01	Dark Bronze	TBD	By Steel Fabricator
Standing Seam Metal Roofing	SR01	White	MB03	Lockam
Wood Chat Columns	WC01	Yankee Barn	Shawin Williams	Barn Wood Look



CONCEPT ELEVATION SOUTHEAST 02
1/8" = 1'-0"



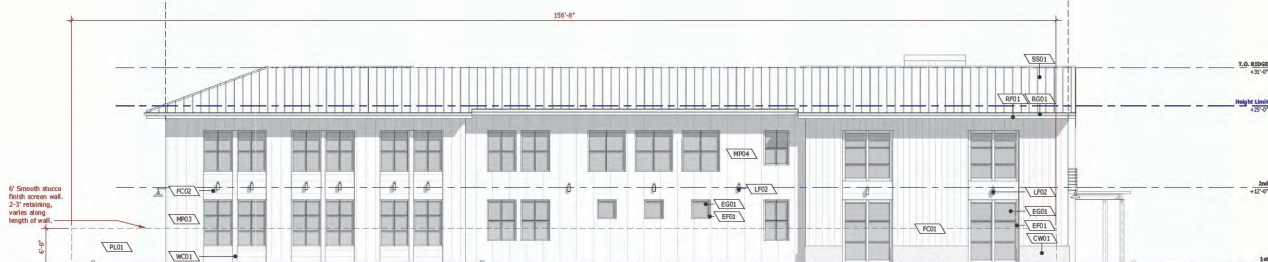
SOUTHEAST ELEVATION 01
1/8" = 1'-0"

Anthem Chapel Goleta
CONCEPT BUILDING ELEVATION SOUTHEAST
03/14/2025

EXTERIOR MATERIAL SCHEDULE				
Description	Mark	Color	Manufacturer	Comments
Troweled Concrete Wall Base	CW01	Muddy Gray	Shawin Williams	
Storefront Door	ED01	Medium Bronze	Acroline	Anodized Aluminum
Exterior Metal Roll-up Door	SD02	Medium Bronze	TBD	Anodized Aluminum
Exterior Door	ED03	Medium Bronze	TBD	Anodized Aluminum
Exterior Barn Door	BD04	Yankee Barn	Shawin Williams	Barn Wood Look
Exterior Storefront Frame	EP01	Medium Bronze	Acroline	Anodized Aluminum
Exterior Glazing	EG01	Optigray	Vitro	Dual Glazed, Low-E, Low Reflectivity
Board and Batten Siding	PC01	Birch Tree	James Hardie	Hardie Panels, Smooth Finish, Board and Batten
Lap Siding	PC02	Rustic Barn	James Hardie	Hardie Panels, Smooth Finish, Board and Batten
Exterior RLM Light	LF01	Medium Bronze	TBD	Anodized Aluminum, see Lighting Plan
Exterior Sconce	LF02	Medium Bronze	TBD	Anodized Aluminum, see Lighting Plan
Metal Panel Siding	MP02	Rustic Red	MB&C	PW-120
Metal Panel Siding	MP03	Ash Gray	MB&C	PW-120
Metal Panel Siding	MP04	Charcoal Gray	MB&C	PW-120
Metal Guardrail	MR01	Dark Bronze	TBD	By Steel Fabricator
Smooth Trowel Stucco	PS01	White	TBD	By Steel Fabricator
Roof Fascia	RF01	White	MB&C	By Steel Manufacturer
Roof Gutter	RG01	White	MB&C	By Steel Manufacturer
Street Beam	SB01	Dark Bronze	TBD	By Steel Fabricator
Standing Seam Metal Roof	SR01	White	Shawin Williams	Barn Wood Look
Wood Chalk Columns	WC01	Yankee Barn	Shawin Williams	

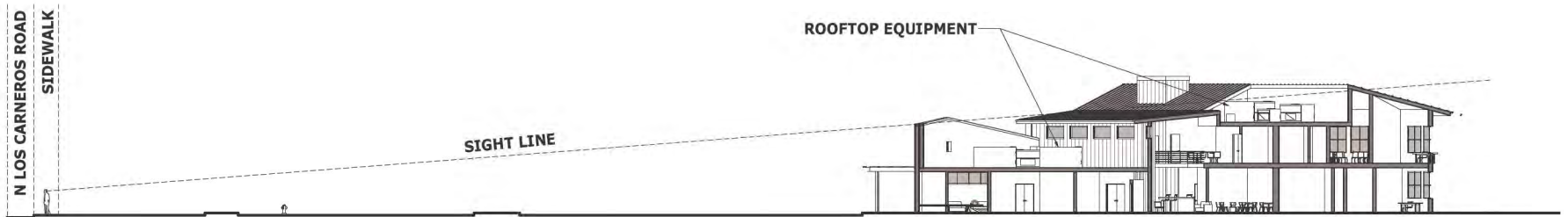


CONCEPT ELEVATION NORTH
1/8" = 1'-0"



NORTH ELEVATION
1/8" = 1'-0"

Anthem Chapel Goleta
CONCEPT BUILDING ELEVATION NORTH
01/14/2025



SIGHT LINE C
3/32" = 1'-0" 03



SIGHT LINE B
3/32" = 1'-0" 02



SIGHT LINE A
3/32" = 1'-0" 01



01/14/2025
 Anthem Chapel Goleta
 01/14/2025



Anthem Chapel Goleta
 CONCEPTUAL RENDERING
 01/14/2025

A901



PROPOSED ESHA BUFFER IMPROVEMENTS
NOT TO SCALE 03



EXISTING SITE CONDITIONS
NOT TO SCALE 02



PROPOSED ESHA BUFFER LANDSCAPE KEY PLAN
NOT TO SCALE 01

03/14/2025 10:30 AM
 Anthem Chapel Goleta
 03/14/2025 10:30 AM
 03/14/2025 10:30 AM

NOTE: MEASUREMENTS BASED ON FIELD OBSERVATIONS AND SITE CALCULATIONS.



The Stow House, 304 N Los Carneros Rd, Goleta, CA 93117
3/16" = 1'-0" **04**



Islamic Society of SB, 302 N Los Carneros Rd, Goleta, CA 93117
3/16" = 1'-0" **03**



Goleta Depot, 300 N Los Carneros Rd, Goleta, CA 93117
3/16" = 1'-0" **02**



WEST ELEVATION **01**
3/16" = 1'-0"



SITE CONTEXT RENDERING - LOS CARNEROS 01
NOT TO SCALE


$$3^{\circ} = 1^{\circ} - 0^{\circ}$$



Inspirational building form, materials, and textures



Vertical Fiber Cement Siding



Exterior RLM Light



Exterior Wall Sconce



Bronze Anodized Aluminum Storefront



Inspirational facade color



Inspirational facade color



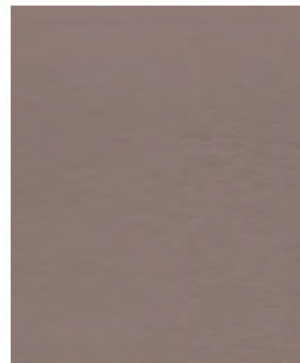
Exterior Barn Doors



Metal trellis with Vines



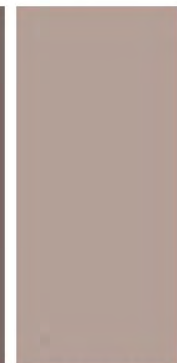
Standing Seam Metal Roof System



Troweled Concrete Base



Metal Panel Siding - Birch Tree, Charcoal Gray, Ash Gray, and Rustic Red



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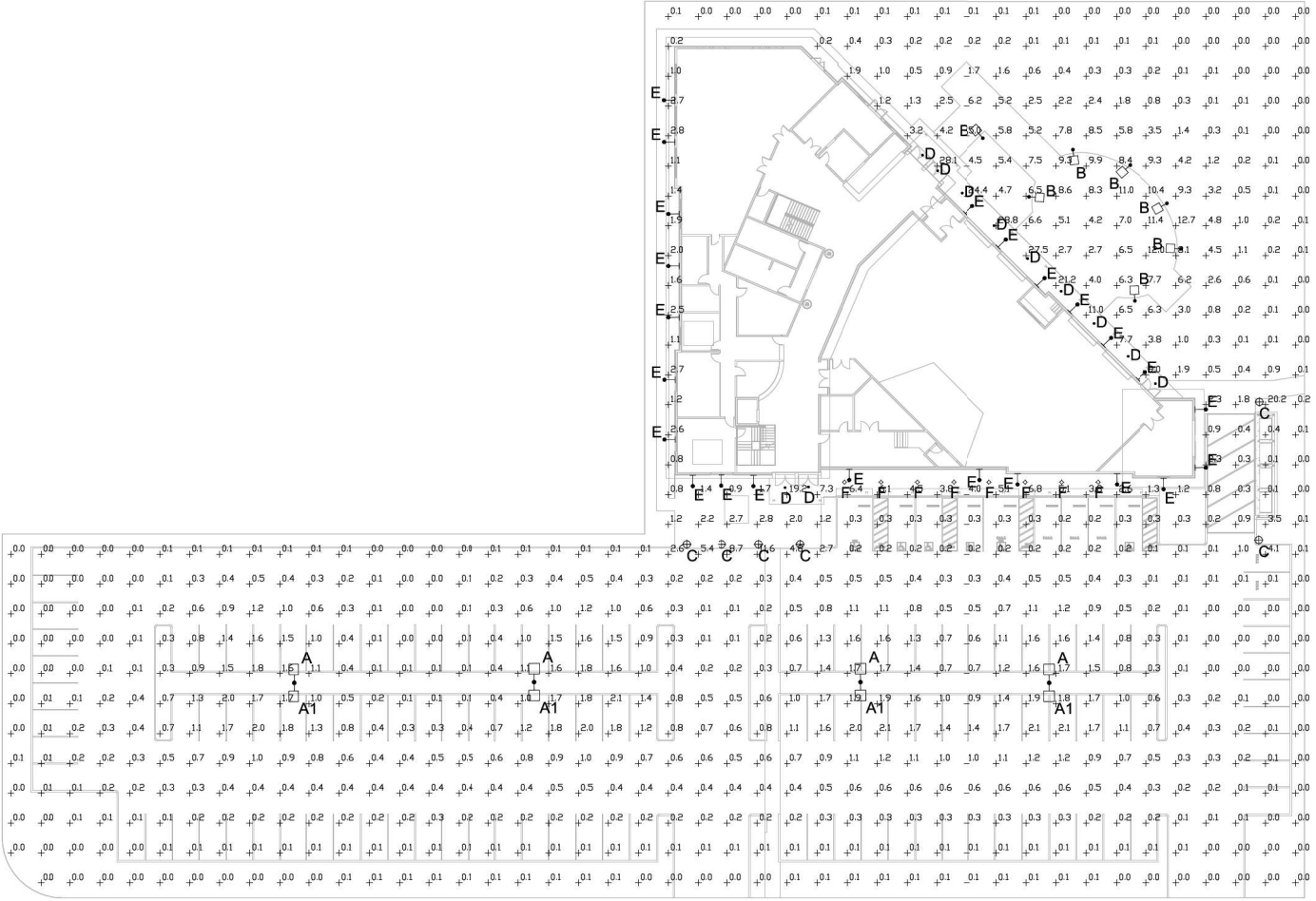
Approvals/Consultants:

Project:
ANTHEM CHAPEL
6595
COVINGTON WAY
GOLETA, CA
93117

Sheet Title:
SITE LIGHT CALC

Revisions:
 1 SITE LIGHTING CALC 08/07/24

Scale: 1/16" = 1' Sheet:
 Date: 08/07/24
 Drawn: TDC
 Checked: AJL
LT-1.0



ATTACHMENT B

CIVIL PLANS

Anthem Chapel

Goleta, CA



VICINITY MAP



Additional Parking Statistics

Accessible Parking = 8 (5 min, for parking lots between 100-150 spaces)
Van Parking = 2 (1 min, for 5 accessible parking spaces)
EV Parking = 6 (5 min, for parking lots between 100-150 spaces)
EV Ready = 25 (15 min, for parking lots between 100-150 spaces)
Accessible Driv 1 Standard, 1 Van (1 standard and 1 van min, for facilities with 5-25 EVCS)
(California Calculation used for electrical vehicle parking; more stringent than Goleta ZD and takes precedence)
Short Term Bicycle Parking = 13 (1.1 * 126 = 138.6)
Short Term Bicycle Charging = 2 (1 charger per 10 spots)
Long Term Bicycle Parking = 3 (1 Space per 10 employee spaces, 20/10 = 2)
Long Term Bicycle Charging = 1 (1 charger per 10 spots)

PROJECT DIRECTORY

ARCHITECT:
DMHA Architecture & Interiors
1 N. Calle Cesar Chavez #102
Santa Barbara, CA 93103

CIVIL ENGINEER:
Flowers & Associates, Inc.
115 West Canon Periodic
Santa Barbara, CA 93101

LANDSCAPE ARCHITECT:
Arcadia Studio Landscape Architecture
202 East Cole Street
Santa Barbara, CA 93101

SURVEYOR:
Western Cardenas Land Surveying
5553 Hollister Ave STE 7
Goleta, CA 93117

PLANNING & LAND USE CONSULTANT:
SEPPS Land Use Consulting
92425 State Street, Suite 1
Santa Barbara, CA 93101

STRUCTURAL ENGINEER:
Steve Widton
Ph: 805.966.2758 ext. 211
stevew@sepp.com

CODE COMPLIANCE

Permitting agencies:
City of Goleta
1300 Camino Drive
Goleta, CA 93101

Applicable codes:
All work is material shall be performed & installed in compliance with the current editions of the following codes as adopted by the local governing authorities. Nothing in these plans is to be construed to permit work not conforming to these codes.

- California Building Code, 2022 Edition (CBC)
- California Electrical Code, 2022 Edition (CEC)
- California Mechanical Code, 2022 Edition (CMC)
- California Plumbing Code, 2022 Edition (CPC)
- California Energy Code, 2022 Edition (CEC)
- California Fire Code, 2022 Edition (CFC)
- California Green Building Standards Code, 2022 Edition (CGBC)
- ADA Standards for Accessible Design, 2010 Edition
- Best Management Practices
- ASCE 24-14
- FEMA Technical Bulletins & Applicable FEMA publications

Parking Calculations

Component	Size	Ratio	Parking Required	Spaces Provided
Weekday				
Day Care Center	100 Children	1 Space/10 Children	10 Spaces	10 Spaces
Pre-School	100 Children	1 Space/10 Children	10 Spaces	10 Spaces
Church Admin	1000 SF Office	1 Space/100 SF	10 Spaces	10 Spaces
Weekday Total			30 Spaces	30 Spaces
Weekend				
Assembly Area	10000 SF	1 Space/100 SF	100 Spaces	100 Spaces
Separate				

PROJECT SCOPE

Project Scope Includes:

- Proposed for site of 474 077-160-022 into 3 new parcels, (E) Buildings and (E) parking that makes up the Church Lutheran Church complex to remain on new 0.081 acre parcel.
- On (H) 2.442 acre parcel, project proposes (H) church building, (H) parking lot, and associated site development.
- (H) 121 car parking lot, 5 accessible (1 Van), 6 Electrical Vehicle charging spots (2 accessible, 1 van accessible), (H) driveway, parking lot lighting, and landscaping.
- (H) Stormwater and grading for Tier IV Stormwater Management Plan, (H) Retention areas, drainage culverts, and site walls.
- (H) Landscaping across (H) parcel, required trees for parking lot shading and screening, Rehabilitation of area of site within 50' 0.000 buffer with native plantings to support mapped Research Habitat Site.
- (H) Paved and play areas behind building, fencing, and site walkways.
- 2nd floor:
 - a. Church sanctuary, stage, green room, audio and video control rooms
 - b. Main church space, reception area, cafe and small support kitchen
 - c. Daycare and preschool
 - d. Kid's workshop area
 - e. Fellowship hall
 - f. Restrooms and storage
- 2nd floor:
 - a. Cradleboard battery
 - b. Kid's and teenagers workshop area
 - c. Offices and conference room
 - d. Restrooms and storage

FLOOR AREA (CITY OF GOLETA)

FIRST FLOOR	15832 SF
SECOND FLOOR	6477 SF
TOTAL	22309 SF

*City of Goleta Area calculated per Zoning Ordinance 17.03.070

FLOOR AREA (GROSS)

FIRST FLOOR	16035 SF
SECOND FLOOR	6739 SF
TOTAL	22774 SF

PROJECT INFORMATION

Owner:	Anthem Chapel Goleta
AP/PLU	Original Parcel 077-160-022, Proposed Parcel TRD
Zoning Designation	RSC-1 / Single Family
General APN Designation	Single Family
Proposed use	Church sanctuary, classrooms, offices and nursery Sanctuary: 11,394 SF (51.4%) Nursery: 1,934 SF (8.6%) Classrooms: 2,066 SF (9.2%) Offices: 1,222 SF (5.4%) Total: 22,308 SF
High fire	No
Fire sprinklers required	No
Flood hazard	Zone X (Minimal Flood Hazard)
Construction type	Wall
Occupancy group	A-7/B/E
Lot size	Original Parcel 4.40 ACRES (1,913,400 SF) Proposed CLC Parcel 38,360 SF (0.88 ACRES) Proposed Project Parcel 118,745 SF (2.72 ACRES)
Required setbacks	Front = 30' Rear Yard = 25' Street Side = 10' Interior Side = 10' Notes: All lot widths exceed 100', therefore all interior side setbacks are to be the maximum 10'
Maximum height limit	10'
Grading	Curve 4,100' Import = 0 Fill = 360' Export = 3,640'
SWP compliance	(E) Impermeable surface = 1,300 SF New or replaced Impermeable surface = 40,400 SF
Number of parking spaces	Required = 110 Proposed = 125

SHEET INDEX

GENERAL	ARCHITECTURAL
G001 COVER SHEET	A001 CONCEPT FIRST FLOOR PLAN
G011 SITE PHOTOS	A010 CONCEPT SECOND FLOOR PLAN
SURVEY	A020 CONCEPT ROOF PLAN
L1 SURVEY	A030 HEIGHT LIMIT EXHIBIT
C1 TITLE SHEET	A040 CONCEPT BUILDING ELEVATION WEST
C04 EXISTING CONSULTORS	A050 CONCEPT BUILDING ELEVATION SOUTH/EAST
C01 PRELIMINARY GRADING & DRAINAGE PLAN	A060 CONCEPT BUILDING ELEVATION NORTH
C02 PRELIMINARY GRADING & DRAINAGE PLAN	A070 ROOFTOP EQUIPMENT SIGHT LINE
C03 PRELIMINARY GRADING & DRAINAGE PLAN	A080 CONCEPTUAL RENDERING
A01 UTILITY PLAN	A090 SIGNAGE RENDERING
C01 SITE SECTIONS	A100 SIGNAGE RENDERING
C02 SITE SECTIONS	A110 SIGNAGE RENDERING
C03 CONSTRUCTION DETAILS	A120 MATERIALS & COLOR PALETTE
LANDSCAPE	A130 SITE LIGHT CALC
L01 LANDSCAPE PLAN	A140
L02 CONSTRUCTION DETAILS	A150
L03 DRAINAGE PLAN	A160
L04 DRAINAGE DETAILS	A170
L05 PLANTING ZONES & PLAN	A180
L06 PLANTING DETAILS	A190
AS1E	A200
AS1E CONTEXT SITE PLAN	A210
AS1E CONCEPT SITE PLAN	A220
AS1E FIRE ACCESS SITE PLAN	A230

Lot 1 Parking Statistics

Total Spaces = 43 (170 Occupants @ 1 Space per 4 Occupants)

Accessible Parking = 2 (2 min, for parking lots between 10-50 spaces)

Van Parking = 1 (1 min, for 5 accessible parking spaces)

EV Parking = Proposed scope is limited to restriping and resurfacing and does not trigger CBCSC

Short Term Bicycle Parking = 13 (1.1 * 43 = 47.3)

Short Term Bicycle Charging = Proposed scope is limited to restriping and resurfacing and does not trigger CBCSC Requirements

Long Term Bicycle Parking = 0 (1 Space per 10 employee spaces, min, 10 employees)

Long Term Bicycle Charging = N/A

DMHA Architecture & Interiors, 1 N. Calle Cesar Chavez #102, Santa Barbara, CA 93103. Phone: 805.966.2777. Email: dmha@dmha.com



Anthem Chapel Goleta COVER SHEET

03/14/2023

As indicated

G001

PRELIMINARY SITE IMPROVEMENT PLANS

ANTHEM CHAPEL GOLETA

APN 077-160-022

GOLETA, CALIFORNIA

LIST OF SYMBOLS:

AC	ASPHALTIC CONCRETE
ACP	ASBESTOS CEMENT PIPE
AB	AGGREGATE BASE
BC	BEGIN CURVE
BCR	BEGIN CURB RETURN
BD	BASEMENT DRAIN
BM	BUTTERFLY VALVE
BPV	BENCH MARK
BV	BALL VALVE
BVC	BEGIN VERTICAL CURVE
BW	BACK OF WALK
CB	CAST IRON PIPE
CJ	CRACK CONTROL JOINT
CL	CLASS
L OR CL	CENTERLINE
CMF	CORRUGATED METAL PIPE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CTV	CABLE TELEVISION
DP	DUCTILE IRON PIPE
D	DRAIN
E	ELECTRICAL
EC	END CURVE
ECR	END CURB RETURN
EG	EXISTING GRADE
EJ	EXPANSION JOINT
EL	ELEVATION
EVC	END VERTICAL CURVE
EW	EACH WAY
EX	EXISTING
FD	FLOOR DRAIN
FF	FINISH FLOOR
FG	FINISH GRADE
PH	FIRE HYDRANT
L OR FL	FLOWLINE
FLG	FLANGE
FS	FINISH SURFACE
G	GAS
GB	GRADE BREAK
GM	GAS METER
GSP	GALVANIZED STEEL PIPE
GV	GAS VALVE
GV	GATE VALVE
HB	HOSE BIB
HP	HIGH POINT
INV	INVERT
L	CURVE LENGTH
LF	LINEAL FEET
MH	MANHOLE
MJ	MECHANICAL JOINT
NIC	NOT INCLUDED IN CONTRACT
CC	ON CENTER
OCCW	ON CENTER EACH WAY
PCC	POINT OF COMPOUND CURVATURE
P	POINT OF INTERSECTION (OF CURVE TANGENTS)
L OR PL	PROPERTY LINE
PRC	POINT OF REVERSE CURVATURE
PVC	POLY-VINYL CHLORIDE
PV	PLUG VALVE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RG	RETAINING GROUND
RSJ	ROUGH SURFACE JOINT
RW	RIGHT-OF-WAY
S	SEWER
SD	STORM DRAIN
SL	STREET LIGHT
ST STL	STAINLESS STEEL
STA	STATION
STD DTL	STANDARD DETAIL
T	TELEPHONE
T BLK	THRUST BLOCK
TB	TOP OF BERM
TC	TOP OF CURB
TCN	TOP OF CONCRETE
TD	TOP OF DIRT
TF	TOP OF FOOTING
TG	TOP OF GRADE
TI	TRAFFIC INDEX
TL	TRAFFIC LIGHT
TP	TOP OF PAVEMENT
TYP	TYPICAL
TW	TOP OF WALL
VCP	VITRIFIED CLAY PIPE
VH	VERTICAL POINT OF INTERSECTION (OF VERTICAL CURVE TANGENTS)
W	WATER
WTH	WATER
WD	WALL DRAIN
WM	WATER METER
WV	WATER VALVE
WV	DELTA (CURVE CENTRAL ANGLE)
±	APPROXIMATELY
%	PERCENT
<	LESS THAN
>	GREATER THAN

LEGEND:

DESCRIPTION	EXISTING	PROPOSED
CENTERLINE		
EDGE OF A.C. PAVEMENT		
ELEVATION	100.00 OR 100.00	100.00
CONCRETE PAVEMENT		
A.C. PAVEMENT		
PROPERTY LINE		
RIGHT-OF-WAY LINE		
EASEMENT LINE		
CONTOURS (MAJOR)	10	10
CONTOURS (MINOR)	12	12
BENCH MARK		
TREE CANOPY		
APPROX. SAW CUT LINE		
LIMIT OF GRADING LINE		
GRADE BREAK LINE		
FLOW LINE		
SLOPE LINE		
FENCE		
RETAINING WALL		
WATER	W	W
SEWER	S	S
STORM DRAIN	SD	SD
POWER	E	E
GAS	G	G
TELEPHONE	T	T
CABLE TV	CTV	CTV
MANHOLE	MH	MH
CLEANOUT	CO	CO
WATER METER & LATERAL	WM	WM
FIRE HYDRANT	PH	PH
THRUST BLOCK	TB	TB
FITTING		
STREET LIGHT	SL	SL

ESTIMATED EARTHWORK QUANTITIES:

CUT:	4,200	CUBIC YARDS
FILL:	560	CUBIC YARDS
NET:	3,640	CUBIC YARDS (EXPORT)

NOTE: LOSSES DUE TO CLEARING AND DEMOLITION OPERATIONS ARE NOT INCLUDED. SHRINKAGE, CONSOLIDATION, AND SUBSIDENCE FACTORS HAVE BEEN ESTIMATED TO BE 5% PER GEOTECHNICAL REPORT AND HAVE BEEN INCLUDED. ESTIMATED EARTHWORK QUANTITIES ARE BASED ON THE APPROXIMATE DIFFERENCE BETWEEN EXISTING GRADES AND PROPOSED PAVEMENT SUBGRADES. OVERALL EARTHWORK SHALL VARY ACCORDING TO THESE FACTORS AND LOSSES.

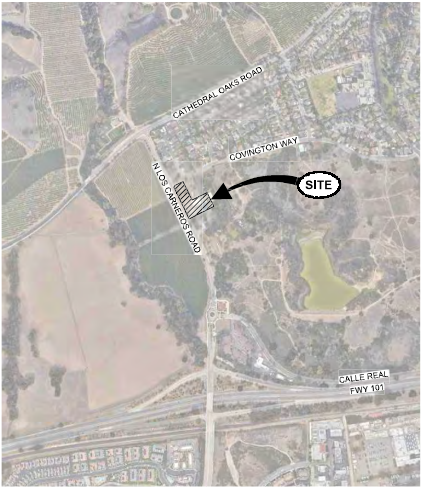
CONTRACTOR SHALL ACCEPT OR CONFIRM EXISTING TOPOGRAPHIC INFORMATION. SHALL REVIEW THE SITE AND THE GEOTECHNICAL REPORT(S) AND MAKE HIS OWN INTERPRETATIONS AND CONCLUSIONS WITH RESPECT THERETO, AND SHALL PERFORM AN INDEPENDENT EARTHWORK ESTIMATE ON WHICH TO BASE HIS BID. ONCE GRADING IS STARTED, THE TOPOGRAPHIC INFORMATION HAS BEEN ACCEPTED BY CONTRACTOR.

IMPORTANT NOTICE

ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR IS TO NOTIFY UNDERGROUND SERVICE ALERT TWO WORKING DAYS PRIOR TO STARTING ANY EXCAVATION OR RESURFACING.



Know what's below.
Call before you dig.



VICINITY MAP
NOT TO SCALE

BENCHMARK:

VERTICAL DATUM IS NAVD83 PER STATION ASCN 8 PER RECORD OF SURVEY BOOK 170 PAGES 63-65.
HORIZONTAL BASIS OF COORDINATES IS NAD83 (1981.35 EPOCH) PER STATIONS ASCN 8 AND ASCN 9 PER RECORD OF SURVEY BOOK 170 PAGES 63-65
ELEVATION = 12.12'
CAUTION: CONFIRM BENCHMARK DATA AND CONDITION WITH PROJECT SURVEYOR (WATERS CARDENAS LAND SURVEYING, LLP) PRIOR TO USE.

TOPOGRAPHY:

EXISTING TOPOGRAPHY COMPILED BY WATERS CARDENAS LAND SURVEYING, LLP IN JUNE 2024 FROM FIELD SURVEY CONDUCTED IN DECEMBER 2023.

SURVEY MONUMENT PROTECTION:

PROTECT AND PRESERVE, IN PLACE, ALL SURVEY MONUMENTS AND BENCHMARKS. DO NOT DISTURB, MOVE, OR RELOCATE MONUMENTS OR BENCHMARKS WITHOUT THE PRIOR REVIEW AND APPROVAL BY THE AGENCY HAVING JURISDICTION OVER THE MONUMENT OR BENCHMARK. THE CONTRACTOR SHALL CONTRACT WITH A LICENSED SURVEYOR FOR MONUMENTS REQUIRING DISTURBANCE OR REMOVAL, AND THE SURVEYOR SHALL RESET THE MONUMENTS OR PROVIDE PERMANENT WITNESS MONUMENTS AND FILE THE REQUIRED DOCUMENTATION WITH THE COUNTY SURVEYOR PURSUANT TO BUSINESS AND PROFESSIONAL CODE SECTION 8771.

SHEET INDEX	
SHEET NO.	GENERAL DESCRIPTION
1	G-1 TITLE SHEET
2	EX-1 EXISTING SITE CONDITIONS
3	C-1 PRELIMINARY GRADING & DRAINAGE PLAN
4	C-2 PRELIMINARY GRADING & DRAINAGE PLAN
5	C-3 PRELIMINARY GRADING & DRAINAGE PLAN
6	U-1 UTILITY PLAN
7	CD-1 SITE SECTIONS
8	CD-2 SITE SECTIONS
9	CD-3 CONSTRUCTION DETAILS

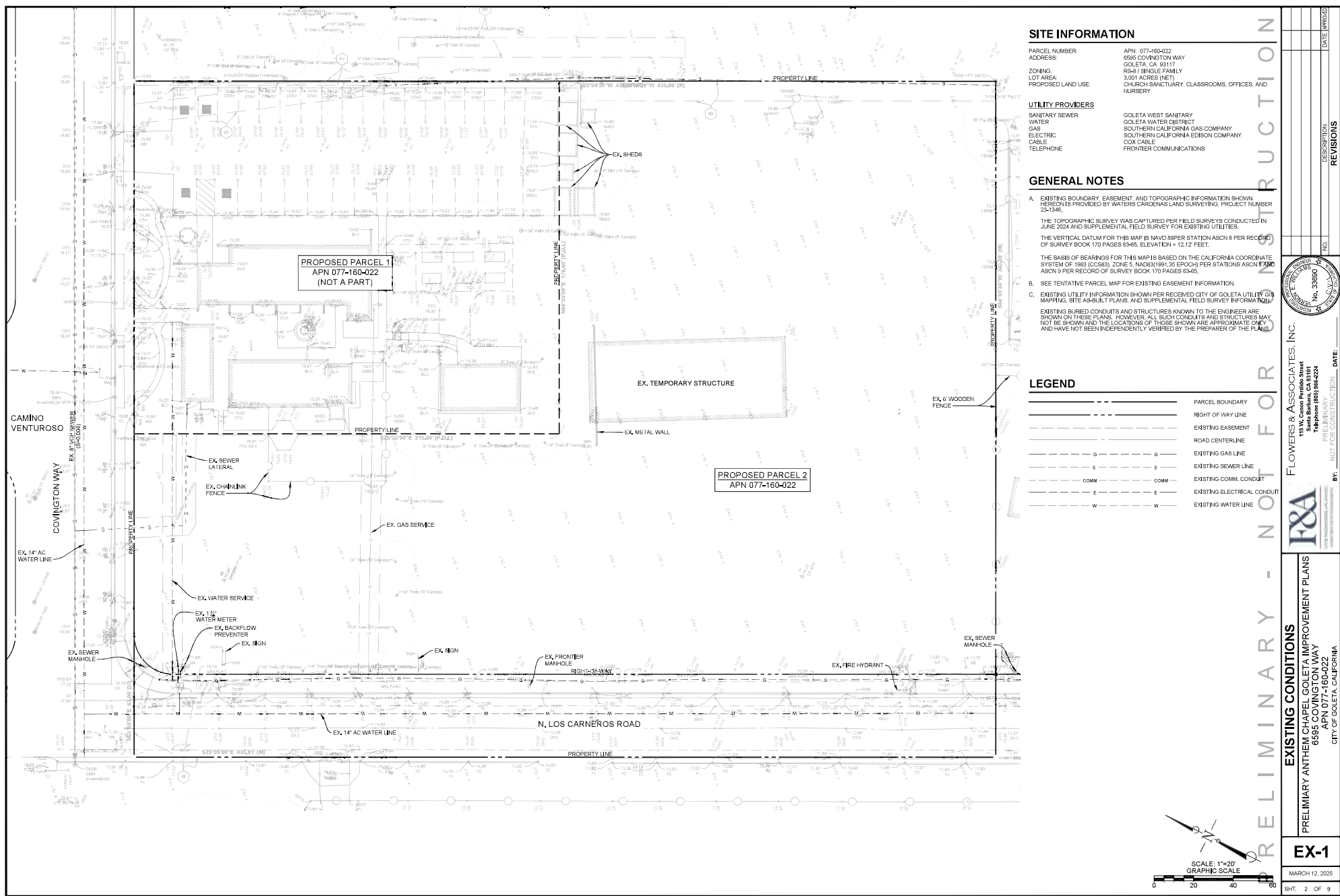
PRELIMINARY - NOT FOR CONSTRUCTION

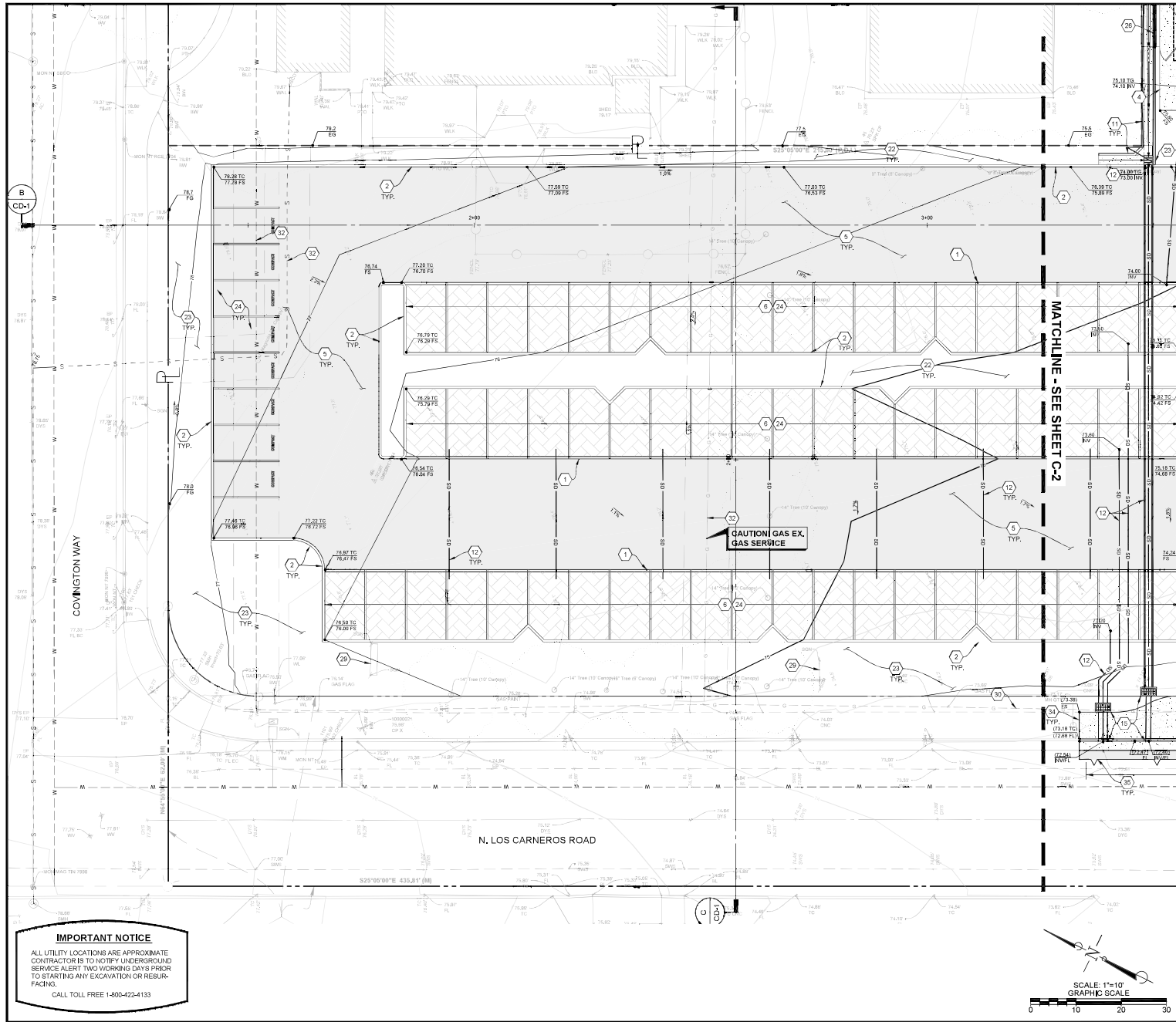
TITLE SHEET
PRELIMINARY ANTHEM CHAPEL GOLETA SITE IMPROVEMENT PLANS
6555 COVINGTON WAY
APN 077-160-022
CITY OF GOLETA, CALIFORNIA

G-1
MARCH 12, 2025
SHT. 1 OF 9

FLOWERS & ASSOCIATES, INC.
111 W. Canon Perdido Street
Santa Barbara, CA 93101
(805) 963-4444
PRELIMINARY
BY: NOT FOR CONSTRUCTION
DATE: THE ENGINEER PREPARED THESE PLANS AND WILL NOT BE RESPONSIBLE FOR ANY DAMAGE TO OR LOSS OF ANY PART OF THESE PLANS INCLUDING ANY WATER OR SEWER, FOR ANY UNAPPROVED OR UNTESTED PROJECT SCOPE, OR FOR ANY OTHER PROJECT AT ANY OTHER TIME.

REVISIONS	DESCRIPTION	DATE	APPROVED



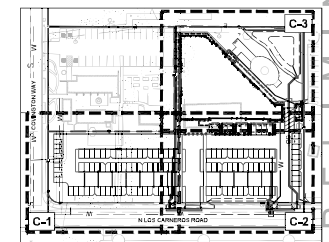


GENERAL CONSTRUCTION NOTES:

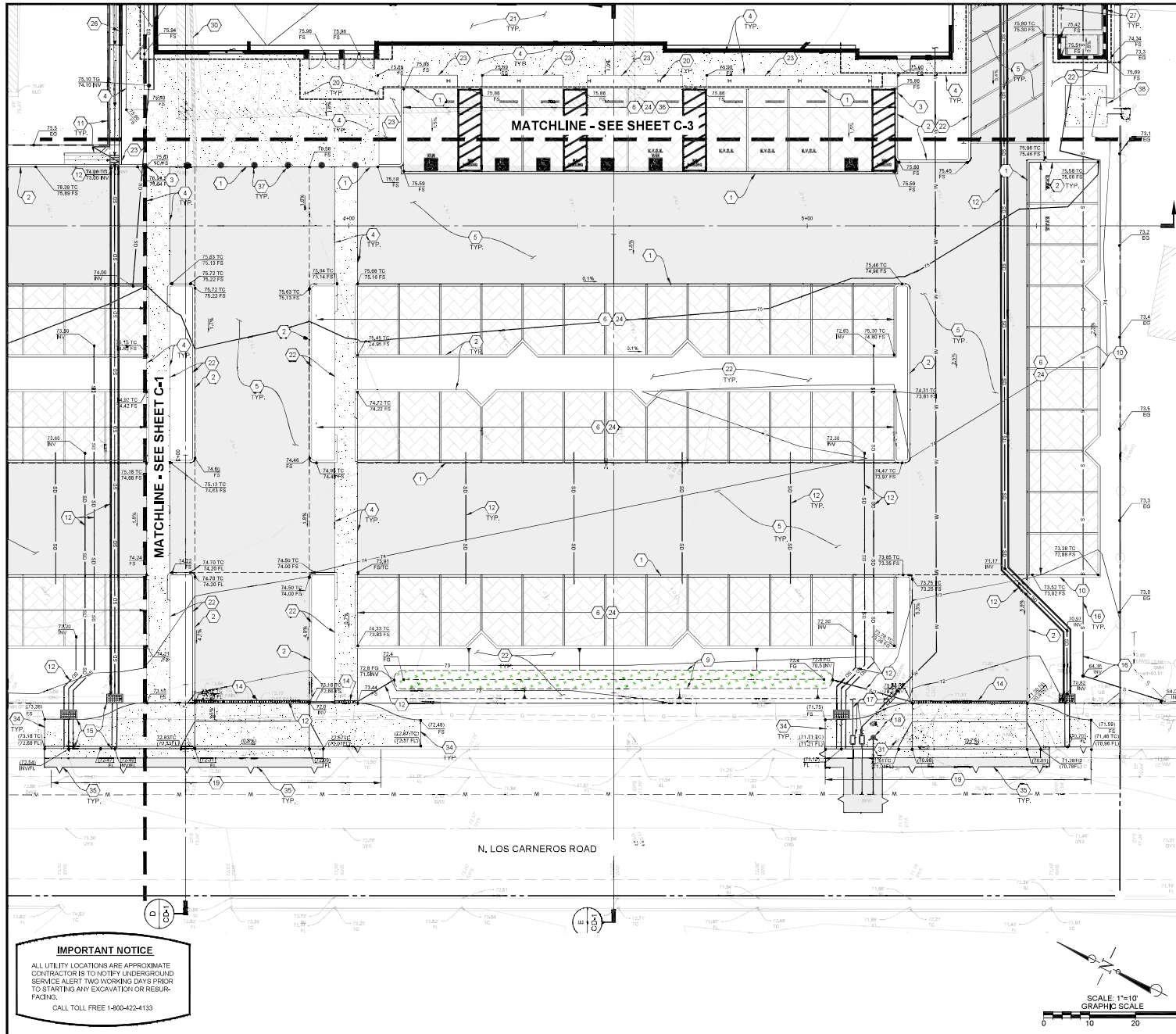
- SEE KEY MAP BELOW FOR SHEET ORIENTATIONS.
- SEE SHEET U-1 FOR THE PRELIMINARY UTILITY PLAN FOR THE PROPOSED WATER, FIRE WATER, SEWER, AND STORM DRAIN LINES AND COMPONENTS.
- SEE SHEET CD-1 AND CD-2 FOR SITE CROSS-SECTIONS.
- SEE SHEET CD-3 FOR PRELIMINARY CONSTRUCTION DETAILS.
- SEE SHEETS SW-1 & SW-2 FOR PRELIMINARY STORMWATER CONTROL PLANS.
- REFER TO ARCHITECT'S AND LANDSCAPE ARCHITECT'S PLANS FOR ALL SETBACKS (BUILDINGS AND ESHA).
- SEE LANDSCAPE ARCHITECT'S PLAN FOR PROPOSED IRRIGATION PLAN, PROPOSED PLANT SCHEDULE, AND FOR TREE REMOVAL INVENTORY.
- SEE ARCHITECT'S SITE PLAN FOR STRIPPING AND SITE PLAN DIMENSIONS FOR LOT 1 (CLC) AND LOT 2 (THIS PROJECT).
- EXISTING BURIED CONDUITS AND STRUCTURES KNOWN TO THE ENGINEER ARE SHOWN ON THESE PLANS. HOWEVER, ALL SUCH CONDUITS AND STRUCTURES MAY NOT BE SHOWN AND THE LOCATIONS OF THOSE SHOWN ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE PREPARED OF THE PLANS. THE CONTRACTOR SHALL INVESTIGATE, LOCATE AND MARK ALL EXISTING BURIED CONDUITS, PIPES AND STRUCTURES PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR TO POTHOLE EXISTING UTILITIES AT PROPOSED LOCATION OF CONNECTIONS TO CONFIRM SIZE, TYPE, LOCATION, AND DEPTH PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES.
- ALL UTILITY WORK SHALL BE COORDINATED WITH RESPECTIVE UTILITY PROVIDERS.
- SLOPE INDICATION ON PLAN ARE APPROXIMATE AND PROVIDED FOR REFERENCE. ALL SITE IMPROVEMENTS SHALL BE CONSTRUCTED BASED ON PROPOSED, BUT ELEVATIONS SHOWN.

SPECIFIC CONSTRUCTION NOTES:

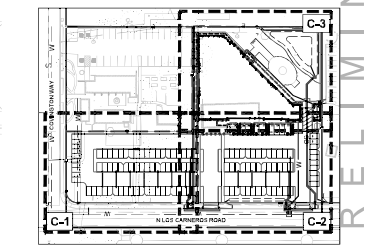
- PROPOSED 6" CONCRETE CURB.
- PROPOSED 6" CONCRETE CURB.
- PROPOSED 2' LONG 6" CONCRETE CURB TAPER TO 0'.
- PROPOSED REINFORCED CONCRETE HARDSCAPE. ELEVATIONS PER PLAN.
- PROPOSED ASPHALT PAVEMENT.
- PROPOSED PERMEABLE PAVEMENT TRAFFIC-RATED SECTION.
- PROPOSED PERMEABLE PAVEMENT PATIO AREA PER LANDSCAPE ARCHITECT'S PLANS.
- PROPOSED DETENTION BASIN WITH LANDSCAPING PER LANDSCAPE ARCHITECT'S PLANS.
- PROPOSED BORENTENTION FACILITY.
- PROPOSED 6" WIDE, 1' TALL RETAINING CURB.
- PROPOSED 2' WIDE, 1' DEEP CONCRETE VAULT.
- PROPOSED STORM DRAIN PIPE.
- PROPOSED STORM DRAIN CATCH BASIN.
- PROPOSED STORM DRAIN CHANNEL DRAIN.
- PROPOSED STORM DRAIN SIDEWALK UNDERDRAIN WITH GRATED CLEANOUT BOX AND CURB OUTLET PER PLAN.
- PROPOSED SEWER IMPROVEMENTS.
- PROPOSED WATER UTILITY IMPROVEMENTS.
- PROPOSED FIRE HYDRANT.
- PROPOSED 6" THICK, 25' WIDE CONCRETE COMMERCIAL DRIVEWAY PER COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS 4-010, 4-040 (PLAN C), AND 4-080.
- PROPOSED OVERHANG/PERGOLA POST PER ARCHITECT'S PLAN.
- PROPOSED BUILDING PER ARCHITECT'S PLANS.
- PROPOSED LANDSCAPING PER LANDSCAPE ARCHITECT'S PLANS.
- PROPOSED AT-GRADE PLANTER PER LANDSCAPE ARCHITECT'S PLANS.
- PROPOSED PARKING LOT (STALL DIMENSIONS, STALL COUNT, WHEEL STOPS, AND USES (ADA, ELECTRICAL CONNECTIVITY, ETC.) PER ARCHITECT'S PLAN.
- PROPOSED FENCING WITH ACCESS GATES PER LANDSCAPE ARCHITECT'S PLAN.
- PROPOSED 6" HIGH (ABOVE GROUND) PROTO B SCREEN WALL WITH VARIABLE RETAINING (2-3) WALL PER PLAN BY OTHERS.
- PROPOSED TRASH ENCLOSURE WITH SCREEN WALLS, STEM WALL, AND GATES PER ARCHITECT'S PLANS.
- NOT USED.
- EXISTING SIGN TO BE RELOCATED PER COORDINATION WITH EX. OWNERS.
- EXISTING WALL TO BE REMOVED.
- EXISTING FIRE HYDRANT TO BE RELOCATED.
- PROTECT IN PLACE EXISTING UTILITY.
- PROPOSED 5" STARS, COUNT PER PLAN.
- PROPOSED REPLACEMENT 5' WIDE PUBLIC SIDEWALK (PLAN A) WITH SLOPING PER COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS 5-010 AND 5-040.
- PROPOSED 2' WIDE SAWCUT OF EXISTING PAVEMENT OR HARDSCAPE, CUT FULL DEPTH TO PROVIDE A SMOOTH, CLEAN JOIN LOCATION.
- PROPOSED ACCESSIBLE PARKING WITH SLOPES AT 2% OR LESS IN ALL DIRECTIONS.
- PROPOSED BOLLARDS/PEDESTRIAN SAFETY INFRASTRUCTURE PER ARCHITECT'S PLANS.
- ELECTRICAL TRANSFORMER CONCRETE PAD PER PLANS BY OTHERS.



PRELIMINARY GRADING & DRAINAGE PLAN PRELIMINARY ANTHEM CHAPEL GOLETA IMPROVEMENT PLANS 6505 COVINGTON WAY APN 077-160-022 CITY OF GOLETA, CALIFORNIA		NO. 33900 DATE: 03/03/2023 PREPARED BY: [Signature] CHECKED BY: [Signature] DATE: 03/03/2023	REVISIONS NO. DESCRIPTION DATE APPROVED
C-1		MARCH 12, 2023 SHT. 3 OF 9	W.O. 22027



- GENERAL CONSTRUCTION NOTES:**
- A. SEE KEY MAP BELOW FOR SHEET ORIENTATIONS.
 - B. SEE SHEET U-1 FOR THE PRELIMINARY UTILITY PLAN FOR THE PROPOSED WATER, FIRE WATER, SEWER, AND STORM DRAIN LINES AND COMPONENTS.
 - C. SEE SHEET C-1 AND C-2 FOR SITE CROSS-SECTIONS.
 - D. SEE SHEET C-3 FOR PRELIMINARY CONSTRUCTION DETAILS.
 - E. SEE SHEETS SW-1 & SW-2 FOR PRELIMINARY STORMWATER CONTROL PLANS.
 - F. REFER TO ARCHITECTS AND LANDSCAPE ARCHITECTS PLANS FOR ALL SETBACKS (BUILDINGS AND ESHA).
 - G. SEE LANDSCAPE ARCHITECTS PLANS FOR PROPOSED IRRIGATION PLAN, PROPOSED PLANT SCHEDULE, AND FOR TREE REMOVAL INVENTORY.
 - H. SEE ARCHITECTS SITE PLAN FOR STRIPPING AND SITE PLAN DIMENSIONS FOR LOT 1 (CLO) AND LOT 2 (THIS PROJECT).
 - I. EXISTING BURIED CONDUITS AND STRUCTURES KNOWN TO THE ENGINEER ARE SHOWN ON THESE PLANS. HOWEVER, ALL SUCH CONDUITS AND STRUCTURES MAY NOT BE SHOWN AND THE LOCATIONS OF THOSE SHOWN ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE PREPARED OF THE PLANS. THE CONTRACTOR SHALL INVESTIGATE, LOCATE AND MARK ALL EXISTING BURIED CONDUITS, PIPES AND STRUCTURES PRIOR TO START OF CONSTRUCTION.
 - J. CONTRACTOR TO POTHOLE EXISTING UTILITIES AT PROPOSED LOCATION OF CONNECTIONS TO CONFIRM SIZE, TYPE, LOCATION, AND DEPTH PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES.
 - K. ALL UTILITY WORK SHALL BE COORDINATED WITH RESPECTIVE UTILITY PROVIDERS.
 - L. SLOPE INDICATION ON PLAN ARE APPROXIMATE AND PROVIDED FOR REFERENCE. ALL SITE IMPROVEMENTS SHALL BE CONSTRUCTED BASED ON PROPOSED, BUT ELEVATIONS SHOWN.
- SPECIFIC CONSTRUCTION NOTES:**
(NUMBERED ITEM BELOW CORRESPONDS TO NUMBER WITHIN HEXAGON ON DRAWING)
- 1. PROPOSED 6" CONCRETE CURB.
 - 2. PROPOSED 6" CONCRETE CURB.
 - 3. PROPOSED 2" LAMP CONCRETE CURB TAPER TO 0".
 - 4. PROPOSED REINFORCED CONCRETE HARDSCAPE. ELEVATIONS PER PLAN.
 - 5. PROPOSED ASPHALT PAVEMENT.
 - 6. PROPOSED PERMEABLE PAVER TRAFFIC-RATED SECTION.
 - 7. PROPOSED PERMEABLE PAVEMENT PATIO AREA PER LANDSCAPE ARCHITECTS PLANS.
 - 8. PROPOSED DETENTION BASIN WITH LANDSCAPING PER LANDSCAPE ARCHITECTS PLANS.
 - 9. PROPOSED BORENTENTION FACILITY.
 - 10. PROPOSED 6" WIDE, 1' TALL RETAINING CURB.
 - 11. PROPOSED 2" WIDE, 1' DEEP CONCRETE V-DITCH.
 - 12. PROPOSED STORM DRAIN PIPE.
 - 13. PROPOSED STORM DRAIN CATCH BASIN.
 - 14. PROPOSED STORM DRAIN CHANNEL DRAIN.
 - 15. PROPOSED STORM DRAIN SIDEWALK UNDERDRAIN WITH GRATED CLEANOUT BOX AND CURB OUTLET TO PLAN.
 - 16. PROPOSED SEWER IMPROVEMENTS.
 - 17. PROPOSED WATER UTILITY IMPROVEMENTS.
 - 18. PROPOSED FIRE HYDRANT.
 - 19. PROPOSED 6" THICK, 25' WIDE CONCRETE COMMERCIAL DRIVEWAY PER COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS 4-010, 4-040 (PLAN C), AND 4-080.
 - 20. PROPOSED OVERHANG/PERGOLA POST PER ARCHITECTS PLAN.
 - 21. PROPOSED BUILDING PER ARCHITECTS PLANS.
 - 22. PROPOSED LANDSCAPING PER LANDSCAPE ARCHITECTS PLANS.
 - 23. PROPOSED AT-GRADE PLANTER PER LANDSCAPE ARCHITECTS PLANS.
 - 24. PROPOSED PARKING LOT (STALL DIMENSIONS, STALL COUNT, WHEEL STOPS, AND USES (ADA, ELECTRICAL CONNECTIVITY, ETC.)) PER ARCHITECTS PLAN.
 - 25. PROPOSED FENCING WITH ACCESS GATES PER LANDSCAPE ARCHITECTS PLAN.
 - 26. PROPOSED 6" HIGH (ABOVE GROUND) PHOTO II SCREEN WALL WITH VARIANTE RETAINING (G-3) WALL PER PLAN BY OTHERS.
 - 27. PROPOSED TRASH ENCLOSURE WITH SCREEN WALLS, STEM WALL, AND GATES PER ARCHITECTS PLANS.
 - 28. NOT USED.
 - 29. EXISTING SIGN TO BE RELOCATED PER COORDINATION WITH EX. OWNERS.
 - 30. EXISTING WALL TO BE REMOVED.
 - 31. EXISTING FIRE HYDRANT TO BE RELOCATED.
 - 32. PROTECT IN PLACE EXISTING UTILITY.
 - 33. PROPOSED 5" STAIRS, COUNT PER PLAN.
 - 34. PROPOSED REPLACEMENT 1' WIDE PUBLIC SIDEWALK (PLAN A) WITH SLOPING PER COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS STANDARD DETAILS 5-010 AND 5-040.
 - 35. PROPOSED 2" WIDE SAWCUT OF EXISTING PAVEMENT OR HARDSCAPE, CUT FULL DEPTH TO PROVIDE A SMOOTH, CLEAN JOIN LOCATION.
 - 36. PROPOSED ACCESSIBLE PARKING WITH SLOPES AT 2% OR LESS IN ALL DIRECTIONS.
 - 37. PROPOSED BOLLARDS/PEDESTRIAN SAFETY INFRASTRUCTURE PER ARCHITECTS PLANS.
 - 38. ELECTRICAL TRANSFORMER CONCRETE PAD PER PLANS BY OTHERS.



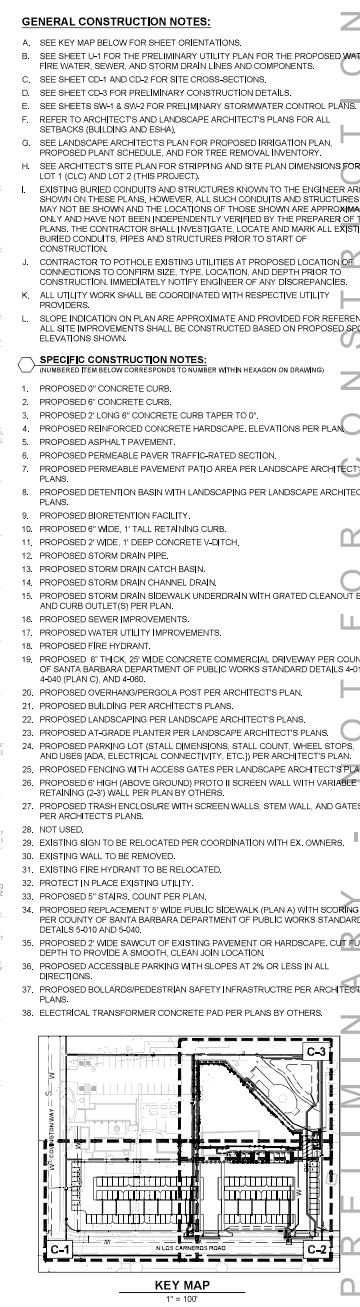
IMPORTANT NOTICE
ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR IS TO NOTIFY UNDERGROUND SERVICE ALERT TWO WORKING DAYS PRIOR TO STARTING ANY EXCAVATION OR RESURFACING.
CALL TOLL FREE 1-800-422-4133

REVISIONS	
NO.	DESCRIPTION
1	DATE APPROVED

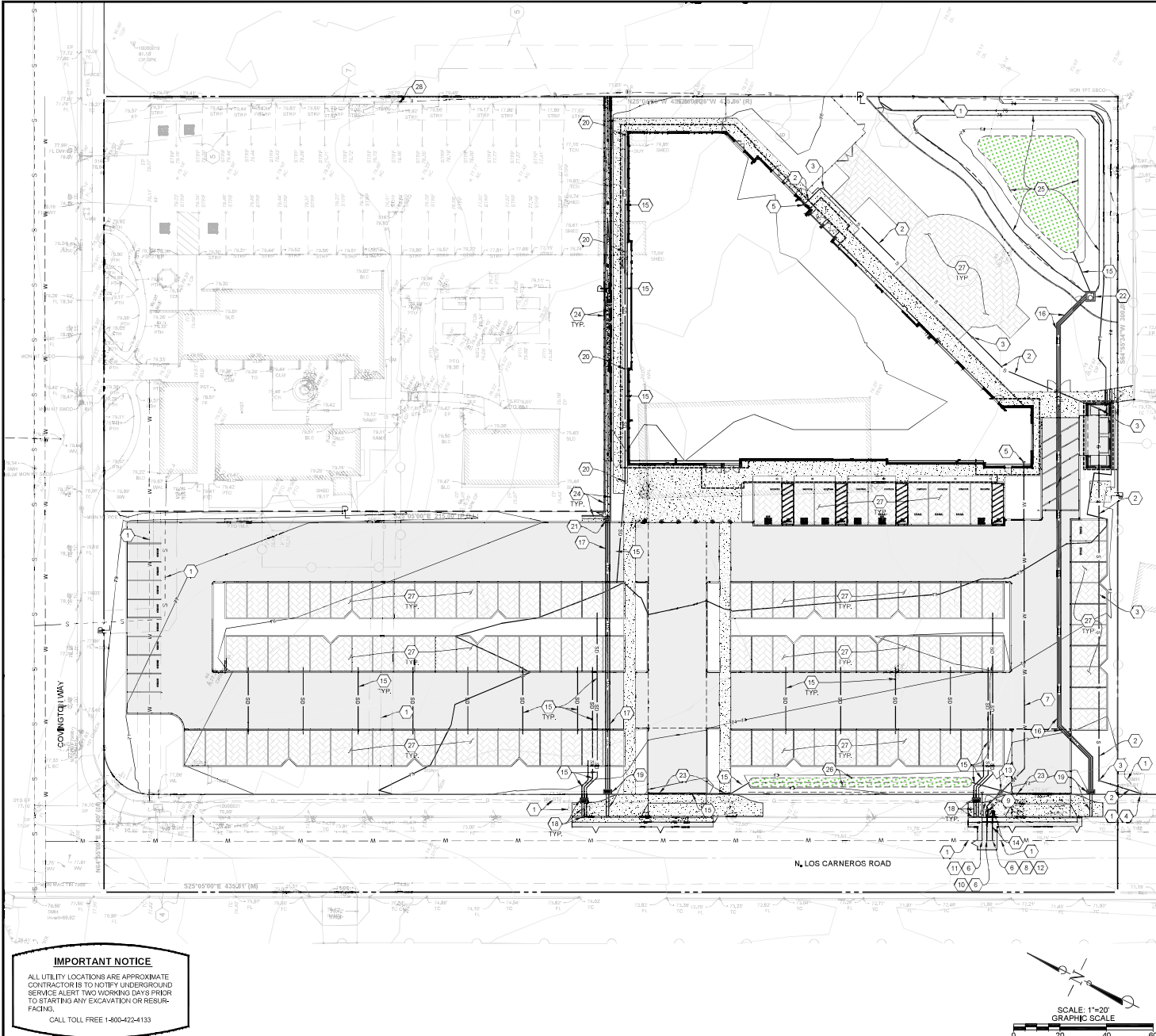
PRELIMINARY GRADING & DRAINAGE PLAN
PRELIMINARY ANTHEM CHAPEL GOLETA IMPROVEMENT PLANS
6505 COVINGTON WAY
APN 077-160-022
CITY OF GOLETA, CALIFORNIA

FLOWERS & ASSOCIATES, INC.
115 W. Canon Perdido Street
Santa Barbara, CA 93101
(805) 963-0000
BY: NOT FOR CONSTRUCTION DATE: PRELIMINARY

C-2
MARCH 12, 2025
SHT. 4 OF 9
W.O. 22027



PRELIMINARY GRADING & DRAINAGE PLAN		 FLOWERS & ASSOCIATES, INC. 111 W. Canon Perido Street Santa Barbara, CA 93101 Telephone (805) 968-6224		PRELIMINARY BY: NOT FOR CONSTRUCTION DATE:		No. 33620 No. 33620		DESCRIPTION REVISIONS		DATE: 4/19/2025	
C-3		PRELIMINARY ANTHEM CHAPEL GOLETA IMPROVEMENT PLANS 6595 COVINGTON WAY APTN 077-160-422 CITY OF GOLETA, CALIFORNIA		CITY OF GOLETA, CALIFORNIA		No. 33620		No. 33620		No. 33620	
MARCH 12, 2025		SHEET 3 OF 9		SHEET 3 OF 9		SHEET 3 OF 9		SHEET 3 OF 9		SHEET 3 OF 9	



IMPORTANT NOTICE
ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR IS TO NOTIFY UNDERGROUND SERVICE ALERT TWO WORKING DAYS PRIOR TO STARTING ANY EXCAVATION OR RESURFACING.
CALL TOLL FREE 1-800-422-4133

- GENERAL CONSTRUCTION NOTES:**
- A. SEE SHEET RD-1 FOR REFERENCE AGENCY STANDARD DETAILS.
 - B. SEE SHEETS SW-1 & SW-2 FOR PRELIMINARY STORMWATER CONTROL PLANS.
 - C. SEE SHEETS CH-1, CH-2 AND CH-3 FOR GRADED STORM DRAIN ELEMENTS AND INVERT, SLOPE, AND TOP OF GRADE ELEVATIONS.
 - D. FIRE SPRINKLER SYSTEM (LINE AND COMPONENTS) SHALL BE CONSTRUCTED PER SEPARATE PERMIT.
 - E. DRY UTILITY CONNECTIONS AND COMPONENTS SHALL BE PREPARED BY OTHERS.
 - F. REFER TO ARCHITECTS AND LANDSCAPE ARCHITECTS' PLANS FOR ALL SETBACKS (BUILDING AND ESHA).
 - G. NO WORK SHALL TAKE PLACE WITHIN THE RIGHT OF WAY WITHOUT AN ENCROACHMENT PERMIT FROM THE CITY OF GOLETA.
 - H. SEE TENTATIVE PARCEL MAP FOR EXISTING AND PROPOSED EASEMENT INFORMATION.
 - I. EXISTING UTILITY INFORMATION SHOWN PER CITY OF GOLETA UTILITY GIS ATLAS MAPPING/SITE AS-BUILT PLANS. UTILITY COMPANY MARKUP ATLAS INFORMATION PROVIDED BY GOLETA WATER DISTRICT AND GOLETA WEST SANITARY DISTRICT, AND SUPPLEMENTAL FIELD SURVEY INFORMATION.
 - J. EXISTING BURIED CONDUITS AND STRUCTURES KNOWN TO THE ENGINEER ARE SHOWN ON THESE PLANS. HOWEVER, ALL SUCH CONDITIONS AND STRUCTURES MAY NOT BE SHOWN AND THE LOCATIONS OF THOSE SHOWN ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE PREPARED OF THE PLANS. THE CONTRACTOR SHALL INVESTIGATE, LOCATE AND MARK ALL EXISTING BURIED CONDUITS, PIPES AND STRUCTURES PRIOR TO START OF CONSTRUCTION.
 - K. CONTRACTOR TO POTHOLE EXISTING UTILITIES AT PROPOSED LOCATION OF CONNECTIONS TO CONFIRM SIZE, TYPE, LOCATION, AND DEPTH PRIOR TO CONSTRUCTION. IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES.
 - L. ALL UTILITY WORK SHALL BE COORDINATED WITH RESPECTIVE UTILITY PROVIDERS.
 - M. ALL TRENCHING, BEDDING, AND BACKFILL IN THE PUBLIC RIGHT OF WAY SHALL BE CONSTRUCTED PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS 3-203, 3-202, 3-249, AND 2-600, WITH TRENCH PAVING SECTION TO MATCH EXISTING STREET PAVING SECTION.
 - N. ALL BACKFLOW PREVENTORS SHALL BE LEAD FREE AND CONFORM TO SPECIFICATIONS AND STANDARDS ESTABLISHED BY THE USC FOUNDATION FOR CROSS CONNECTION AND HYDRAULIC RESEARCH LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES PER SBSC CHAPTER 14.21.000 (B). BACKFLOW ASSEMBLIES SHALL BE INSTALLED BY A CERTIFIED BACKFLOW INSTALLER.
 - O. UPON INSTALLATION, THE BACKFLOW PREVENTION ASSEMBLIES SHALL BE TESTED BY A CERTIFIED BACKFLOW ASSEMBLY TESTER AND COMPLETED SUCCESSFUL REPORT SHALL BE SUBMITTED TO THE CITY.
 - P. ANY FIRE LINE THAT IS OPENED TO ATMOSPHERE MUST PASS A BAC-T TEST AND COMPLETE DISINFECTION, SAMPLING, FLUSHING AND PRESSURE TESTING PER GOLETA WATER DISTRICT STANDARD DETAIL 3-202.
 - Q. ALL UTILITY CONDUITS INCLUDING ELECTRICAL SERVICE, TELEPHONE SERVICE, AND CABLE TELEVISION SHALL BE PLACED UNDERGROUND FROM THEIR POINT OF ORIGIN AT THE UTILITY POLE TO THE SERVICE METER OR TERMINATION POINT AT THE STRUCTURE, LIKELY POINT OF CONNECTION PER PLAN.
 - R. ONLY SEWER WASTE SHALL BE DISCHARGED TO THE GOLETA WEST SANITARY DISTRICT SEWER SYSTEM. AT NO TIME SHALL STORM DRAINS, ROOF DRAINS, IRRIGATION, ETC. BE CONNECTED TO ANY NEW OR EXISTING SEWER LATERALS OR MAINS.
 - S. FABRICATED WYES, TEES, OR SADDLES FOR SEWER LATERAL CONNECTIONS TO MAIN LINE ARE REQUIRED TO AND SHALL HAVE A MINIMUM DISTANCE OF 24" BETWEEN SERVICES.
 - T. IN PAVED AREAS OF LOW PIPE COVERAGE, STORM DRAIN PIPES SHALL BE ENCASED IN CONCRETE OF VARIABLE DEPTH (FROM BELOW GRAVEL LAYER TO SPRINGLINE OF PIPE).

- SPECIFIC CONSTRUCTION NOTES:**
(NUMBERED ITEM BELOW CORRESPONDS TO NUMBER WITHIN HEXAGON ON DRAWING)
- 1. PROTECT IN PLACE EXISTING UTILITY.
 - 2. PROPOSED 4" SDR 35 PVC SEWER LATERAL AT 2% MINIMUM SLOPE PER GOLETA WEST SANITARY DISTRICT (GWSD) STANDARD DETAIL 4.2 IN TRENCH PER GWSD STANDARD DETAIL 4.12.
 - 3. PROPOSED SEWER CLEANOUT APPROX. EVERY 100 LINEAR FEET PER GWSD STANDARD DETAIL 4.5.
 - 4. PROPOSED CONNECTION INTO EXISTING GWD MANHOLE UTILIZING EXISTING PAN CONFIGURATION. PIPE CONNECTION TO MANHOLE PER GWSD SPECIFICATIONS.
 - 5. PROPOSED BUILDING POINT OF CONNECTION. CONFIRM WITH ARCHITECT AND PLUMBING CONSULTANT PRIOR TO CONSTRUCTION.
 - 6. PROPOSED CONNECTION TO (E) GWD 14" ACP WATER MAIN.
 - 7. PROPOSED 2" WATER SERVICE WITH TRENCHING PER GWD STANDARD DETAIL 2-403.
 - 8. PROPOSED FIRE WATER CUT-IN CONNECTION PER GWD STANDARD DETAIL 2-405.
 - 9. PROPOSED DOMESTIC AND IRRIGATION METER MANFOLD PER GWD STANDARD DETAILS 3-304 WITH METER BOX CONSTRUCTION PER DTL 3-405.
 - 10. PROPOSED DOMESTIC WATER SERVICE CONNECTION WITH SADDLE PER GWD STANDARD DETAILS 3-401 AND 3-403.
 - 11. PROPOSED IRRIGATION WATER SERVICE CONNECTION WITH SADDLE PER GWD STANDARD DETAILS 3-401 AND 3-402.
 - 12. PROPOSED 6" FIRE SERVICE WITH THRUST BLOCK AND ISOLATION VALVE PER GWD STANDARD DETAILS 3-401 AND 3-402.
 - 13. PROPOSED BACKFLOW ASSEMBLY PER GWD STANDARD DETAILS 3-412.
 - 14. PROPOSED FIRE HYDRANT ASSEMBLY WITH VALVE CAN AND THRUST BLOCK PER GWD STANDARD DETAILS 4-01, 3-07, AND 3-09.
 - 15. PROPOSED 6" HOPE STORM DRAIN PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS.
 - 16. PROPOSED 15" HOPE STORM DRAIN PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS.
 - 17. PROPOSED 18" HOPE STORM DRAIN PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS.
 - 18. PROPOSED ROUND STORM DRAIN SIDEWALK UNDERDRAIN WITH GRATED CLEANOUT BOX AND 4" HIGH BY 24" WIDE RECTANGULAR CURB OUTLET PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS 3-560.
 - 19. PROPOSED RECTANGULAR STORM DRAIN SIDEWALK UNDERDRAIN WITH GRATED CLEANOUT BOX AND 4" HIGH BY 24" WIDE RECTANGULAR CURB OUTLET PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS 3-560.
 - 20. PROPOSED 8" DIAMETER CATCH BASIN.
 - 21. PROPOSED 24"x24" CATCH BASIN.
 - 22. PROPOSED TYPE A DROP INLET WITH 3 WINDOWS PER COUNTY OF SANTA BARBARA STANDARD DRAWINGS 3-505.
 - 23. PROPOSED 6" WIDE STORM DRAIN CHANNEL DRAIN.
 - 24. PROPOSED 2" WIDE, 1' DEEP CONCRETE V-DITCH WITH 0.5% MINIMUM SLOPE.
 - 25. PROPOSED DETENTION BASIN.
 - 26. PROPOSED BIORETENTION BASIN.
 - 27. PROPOSED PERMEABLE PAVEMENT STORMWATER TREATMENT AREA.
 - 28. PROPOSED POINT OF CONNECTION FOR ELECTRICAL - PLANS BY OTHERS.

PRELIMINARY - NOT FOR CONSTRUCTION

UTILITY PLAN
PRELIMINARY ANTHEM CHAPEL GOLETA IMPROVEMENT PLANS
6505 COVINGTON WAY
APN 077-160-022
CITY OF GOLETA, CALIFORNIA

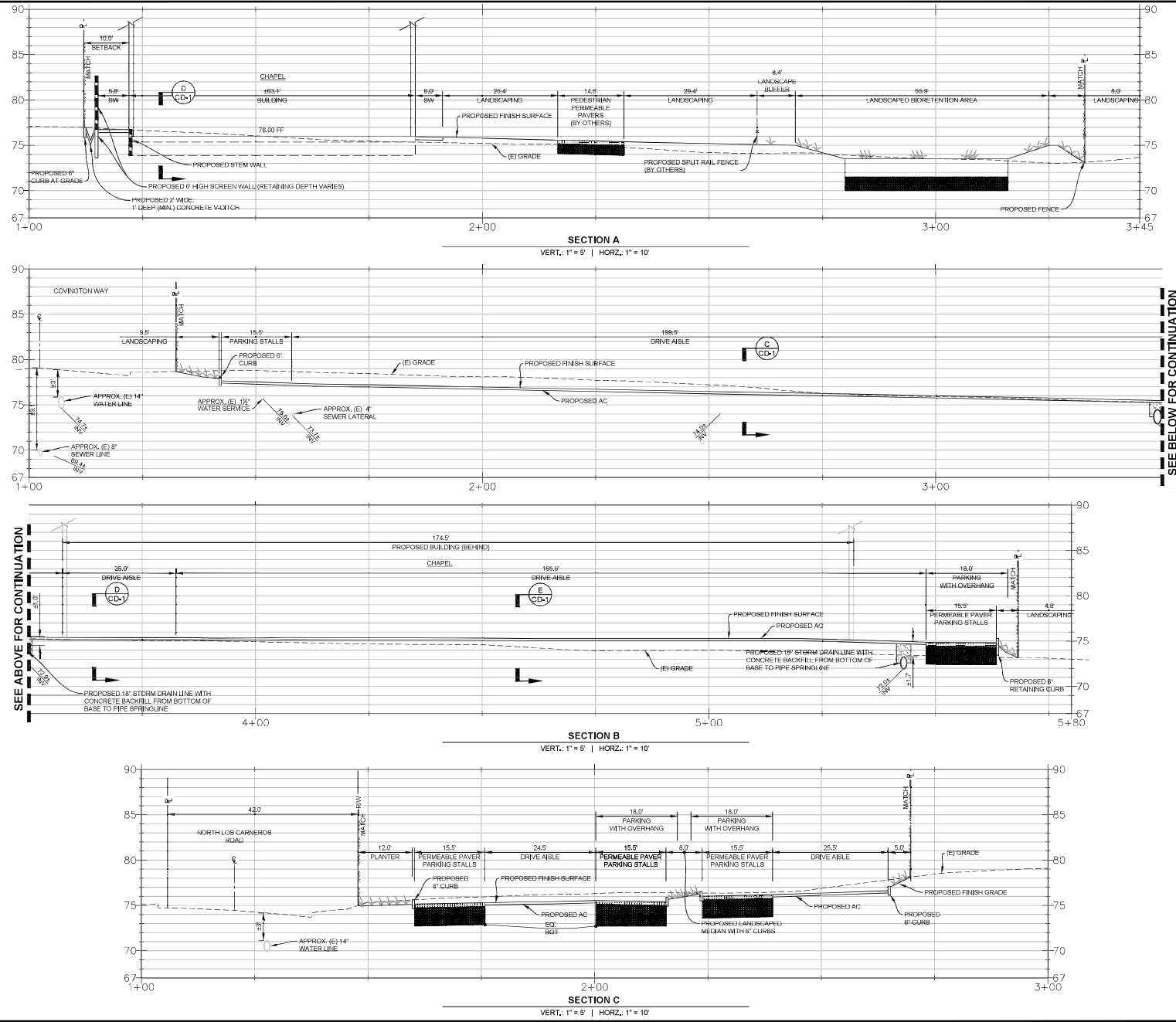
U-1
MARCH 12, 2025
SHT. 6 OF 9

REVISIONS

NO.	DESCRIPTION	DATE	APPROVED
1	PRELIMINARY	NOV. 2024	[Signature]

Flowers & Associates, Inc.
115 W. Canon Perdido Street
Santa Barbara, CA 93101
(805) 963-0000
BY: [Signature] DATE: []

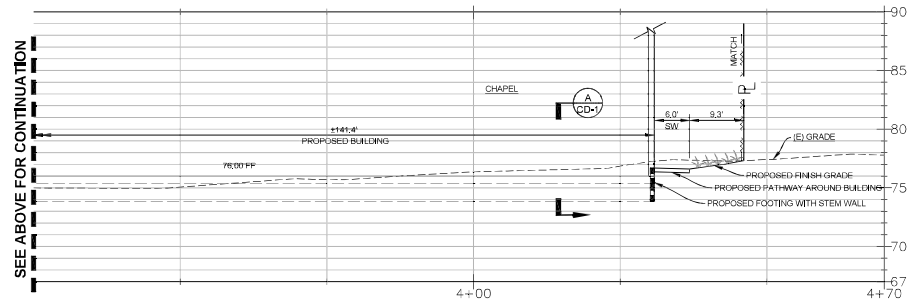
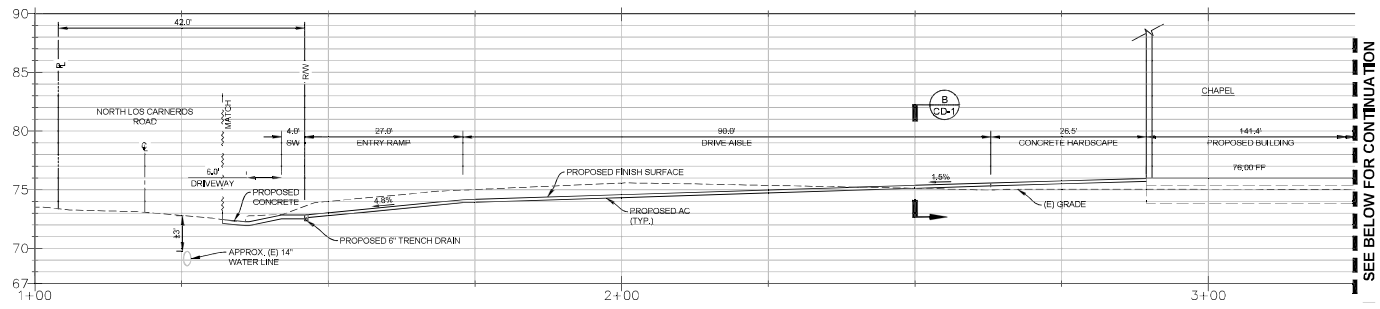
THESE PLANS HAVE BEEN PREPARED SOLELY FOR THE USE OF THE PROJECT AND ARE NOT TO BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER. THE ENGINEER ASSUMES NO LIABILITY FOR ANY DAMAGE TO PERSONS OR PROPERTY ARISING FROM THE USE OF THESE PLANS IN ANY MANNER OTHER THAN THAT AUTHORIZED BY THE ENGINEER.



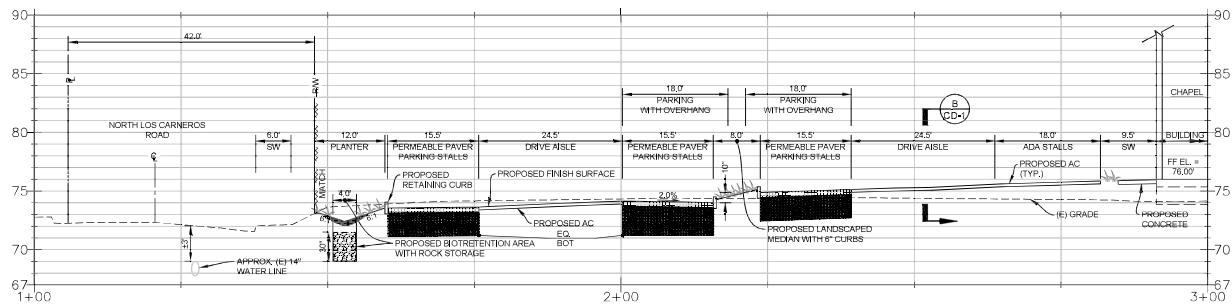
PRELIMINARY - NOT FOR CONSTRUCTION

Flowers & Associates, Inc. 119 W. Carson Pkwy. Suite 100 Santa Barbara, CA 93101 (805) 963-0000 www.flowersandassociates.com		NO. 33980 DATE: 03/12/2025
PRELIMINARY ANTHEM CHAPEL GOLETA IMPROVEMENT PLANS 6555 COVINGTON WAY APN 077-160-022 CITY OF GOLETA, CALIFORNIA		REVISIONS NO. DESCRIPTION DATE APPROVED
CD-1 MARCH 12, 2025 SHT. 1 OF 3		

THESE PLANS HAVE BEEN PREPARED SOLELY FOR USE FOR THE PROJECT AND SITE SPECIFICALLY REFERRED TO HEREIN. THE ENGINEER ASSUMES NO LIABILITY FOR THE USE OF ANY PART OF THESE PLANS INCLUDING ANY VERTICAL ALIGNMENT, FOR ANY OTHER PROJECT AT ANY OTHER SITE.



SECTION D
VERT. 1" = 5' | HORZ. 1" = 10'



SECTION E
VERT. 1" = 5' | HORZ. 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

SITE SECTIONS
PRELIMINARY ANTHEM CHAPEL GOLETA IMPROVEMENT PLANS
 6555 COVINGTON WAY
 APN 077-160-022
 CITY OF GOLETA, CALIFORNIA

CD-2
 MARCH 12, 2025
 SHT. 8 OF 9

REVISIONS

NO.	DESCRIPTION	DATE	APPROVED
1			

FLOWERS & ASSOCIATES, INC.
 115 W. CASON PARADE STREET
 SANTA BARBARA, CA 93101
 (805) 965-2424
 PRELIMINARY
 BY: NOT FOR CONSTRUCTION DATE: 2025_03_12

F&A
 FLOWERS & ASSOCIATES, INC.
 115 W. CASON PARADE STREET
 SANTA BARBARA, CA 93101
 (805) 965-2424
 PRELIMINARY

THESE PLANS HAVE BEEN PREPARED SOLELY FOR USE FOR THE PROJECT AND SITE SPECIFICALLY REFERRED HEREIN AT THE TIME THESE PLANS WERE SUBMITTED. THE ENGINEER PREPARED THESE PLANS BUT WILL NOT BE RESPONSIBLE FOR OR LIABLE FOR THE USE OF ANY PART OF THESE PLANS INCLUDING ANY VEHICLE DESIGN, FOR ANY OTHER PROJECT AT ANY OTHER TIME.

PLOTTED: Wednesday, March 12, 2025 6:17:11 PM

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W.O. 22027

ATTACHMENT C

LIGHTING PLANS



Small Neoclassical, Domed Bell Luminaire

Features

The NEW Deziner Series is a flexible, configurable pedestrian scale decorative pendant luminaire with an 6.7" diameter upper housing of 0.125" thick formed aluminum with a large assortment of spun aluminum shades and ornamental options. Each lower housing is comprised of a 0.080" thick spun aluminum reflector with an integrated LED module seat, thermal management for long LED life and a thermally isolated solid state power supply chamber. Trulevel™ ball coupling.

PLED™ Optics

Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side and functions as a house side shielding element. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. All optics are U0, Zero Uplight and are Dark Sky compliant. Panels are field replaceable and field rotatable in 90° increments.

LED Emitters

High Power White LED's are driven between 350mA and 875mA for a maximum output of 2.5 Watts nominal. LED's are available in standard Warm White (2700K & 3000K), Neutral White (4000K), or Cool White (5000K). All Standard LED's have a minimum of 70 CRI. Consult Factory for other LED options. Lumen Maintenance of L93 at 100,000 hours (TM-21 calculated at 6x Test Time) for all LED options.

True Amber LED's TRA-True Amber LED's emit light in the amber spectral bandwidth centered on 585-590nm. True Amber has negligible blue light and is suitable for wildlife.

LED Driver

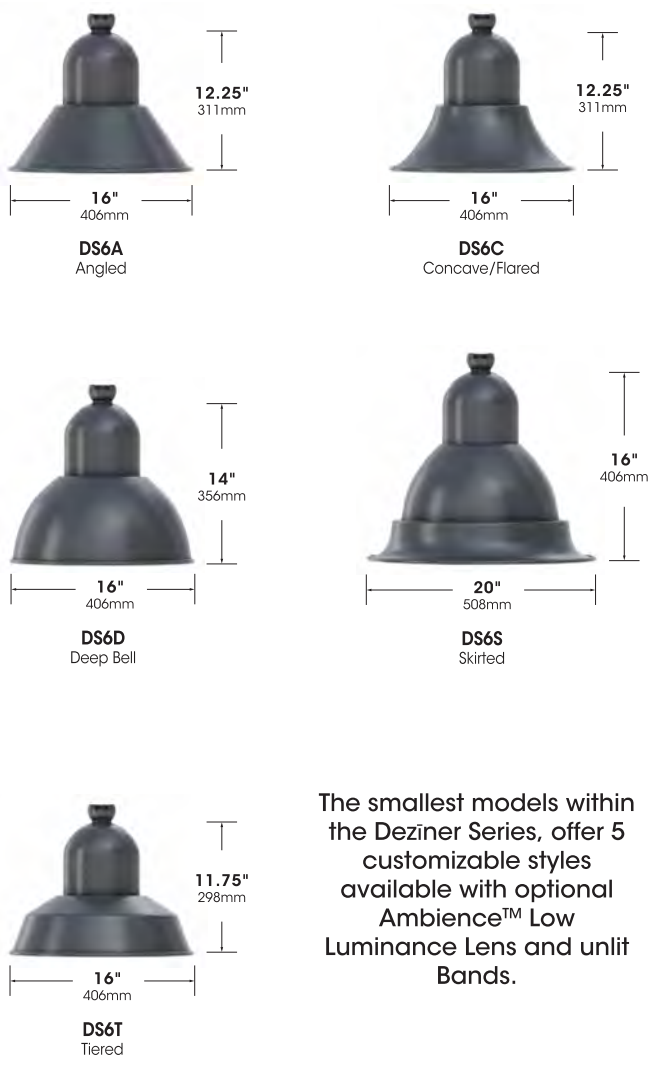
Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized and mounted directly against the Electrical Housing to facilitate thermal transfer, held down by universal clamps to facilitate easy removal. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V (UNV), 50/60Hz or 347V & 480V, 50,60Hz. 0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field accessible installation.)

Finish

Super TGIC polyester powder coating is applied onto a metal substrate this has been pretreated with a four-stage process for maximum adhesion and color retention. The top coat is baked at 400° F for maximum hardness and exterior durability.

PROJECT NAME: _____

PROJECT TYPE: _____











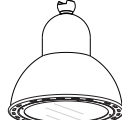



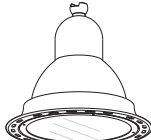







The smallest models within the Deziner Series, offer 5 customizable styles available with optional Ambience™ Low Luminance Lens and unlit Bands.

DEZİNER SERIES 6 - PLED SMALL

PRODUCT CONFIGURATIONS










EPA & WEIGHT

Base Model	w/ unlit Bands	w/ Ambience™ Low Luminance Lens	w/ unlit Bands & Ambience™ Low Luminance Lens
 <p>DS6A Max Weight = 17 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6AB Max Weight = 18 lbs Max EPA = 0.63 36 LED Max</p>	 <p>DS6A-AL Max Weight = 17 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6AB-AL Max Weight = 18 lbs Max EPA = 0.63 36 LED Max</p>
 <p>DS6C Max Weight = 17 lbs Max EPA = 0.54 36 LED Max</p>	 <p>DS6CB Max Weight = 18 lbs Max EPA = 0.59 36 LED Max</p>	 <p>DS6C-AL Max Weight = 17 lbs Max EPA = 0.54 36 LED Max</p>	 <p>DS6CB-AL Max Weight = 18 lbs Max EPA = 0.59 36 LED Max</p>
 <p>DS6D Max Weight = 18 lbs Max EPA = 0.74 36 LED Max</p>	 <p>DS6DB Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>	 <p>DS6D-AL Max Weight = 18 lbs Max EPA = 0.74 36 LED Max</p>	 <p>DS6DB-AL Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>
 <p>DS6S Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>	 <p>DS6SB Max Weight = 20lbs Max EPA = 0.84 36 LED Max</p>	 <p>DS6S-AL Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>	 <p>DS6SB-AL Max Weight = 20lbs Max EPA = 0.84 36 LED Max</p>
 <p>DS6T Max Weight = 16 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6TB Max Weight = 17 lbs Max EPA = 0.63 36 LED Max</p>	 <p>DS6T-AL Max Weight = 16 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6TB-AL Max Weight = 17 lbs Max EPA = 0.63 36 LED Max</p>

DEZİNER SERIES 6 - PLED SMALL

ORDERING INFORMATION

Spec/Order Example: DS6CB/AL-ASY/36LED-700mA/30K/UNV/CM+L/RAL-8019-T/DF








Luminaire	Shade	Optics	# of LEDs	Drive Current	Color Temp - CCT	Voltage
Luminaire	Shade	Optics	LED			Voltage
		PLED™ Distribution Type	# of LEDs	Drive Current	Color Temp - CCT	
<input type="checkbox"/> DS6	<input type="checkbox"/> Angled A <input type="checkbox"/> Angled w/ unlit Bands AB <input type="checkbox"/> Concave/Flared C <input type="checkbox"/> Concave/Flared w/ unlit Bands CB <input type="checkbox"/> Deep Bell D <input type="checkbox"/> Deep Bell w/ unlit Bands DB <input type="checkbox"/> Hooded H <input type="checkbox"/> Hooded w/ unlit Bands HB <input type="checkbox"/> Skirted S <input type="checkbox"/> Skirted w/ unlit Bands SB <input type="checkbox"/> Tiered T <input type="checkbox"/> Tiered w/ unlit Bands TB	<input type="checkbox"/> PLED-II  <input type="checkbox"/> PLED-II-FR  <input type="checkbox"/> PLED-III  <input type="checkbox"/> PLED-III-W  <input type="checkbox"/> PLED-IV  <input type="checkbox"/> PLED-IV-FT  <input type="checkbox"/> PLED-V-SQ-N  <input type="checkbox"/> PLED-V-SQ-M  <input type="checkbox"/> PLED-V-SQ-W  Ambience™ Lens Option: <input type="checkbox"/> AL-ASY <input type="checkbox"/> AL-ASY-HS <input type="checkbox"/> AL-SYM	<input type="checkbox"/> 36LED <input type="checkbox"/> 20LED	<input type="checkbox"/> 875mA¹ <input type="checkbox"/> 700mA <input type="checkbox"/> 525mA <input type="checkbox"/> 350mA	<input type="checkbox"/> 27K (2700K) <input type="checkbox"/> 30K (3000K) <input type="checkbox"/> 40K (4000K) <input type="checkbox"/> 50K (5000K) <input type="checkbox"/> TRA² True Amber	<input type="checkbox"/> UNV (120-277) <input type="checkbox"/> 347 <input type="checkbox"/> 480

NOTES:

1 - 875mA not available with 36LED, available with 20LED only

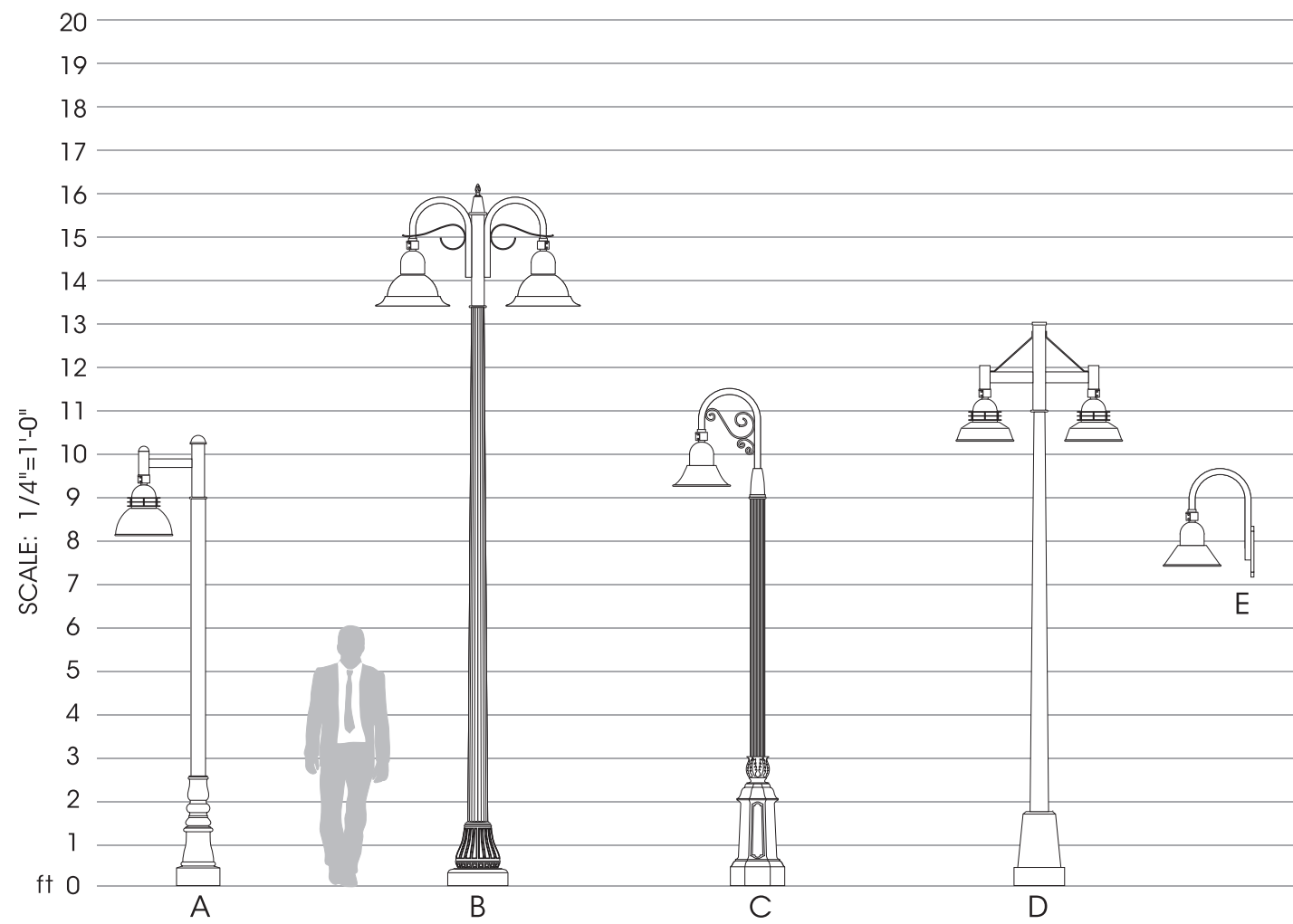
2 - TRA available in 350mA & 525mA Drive Currents only

Consult factory for other CCT, CRI, & Drive Current options

Mounting	Finish	Options
Mounting	Finish	Options
Arm Mount <input type="checkbox"/> 1  <input type="checkbox"/> 2-180  <input type="checkbox"/> 2-90  <input type="checkbox"/> 3-90  <input type="checkbox"/> 3-120  <input type="checkbox"/> 4-90  Wall Mount <input type="checkbox"/> WM  WM - Wall Mount provided with mounting bracket and cover.	Standard Textured Finish <input type="checkbox"/> Black RAL-9005-T <input type="checkbox"/> White RAL-9003-T <input type="checkbox"/> Grey RAL-7004-T <input type="checkbox"/> Dark Bronze RAL-8019-T <input type="checkbox"/> Green RAL-6005-T Premium Finishes <input type="checkbox"/> Rust <input type="checkbox"/> Patina Copper PC For smooth finish replace suffix "T" with suffix "S" (Example: RAL-9500-S) Consult factor for custom colors	<input type="checkbox"/> Internal House Side Shield incl. LED Count (Example: HS-PLED/48) HS-PLED <input type="checkbox"/> Twist Lock Receptable Only TPR <input type="checkbox"/> 7-Pin Twist Lock Receptable Only TPR7 <input type="checkbox"/> High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25) HLSW <input type="checkbox"/> Twist Lock Photocell + Voltage (Example: TPC347V) TPC+V <input type="checkbox"/> Photocell + Voltage (Example: PC120V) PC+V <input type="checkbox"/> Single Fuse (Example: DF277V) SF+V <input type="checkbox"/> Double Fuse (Example: DF240V) DF+V <input type="checkbox"/> Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75fc) MS-F311
Pendant Mount <input type="checkbox"/> Stem Mount + Length(in) (48" Max) SM+L <input type="checkbox"/> Chain Mount + Length(in) (48" Max) CM+L <input type="checkbox"/> Cable Clamp J-Box CCB <input type="checkbox"/> Cross Cable Clamp J-Box CCC		

DEZİNER SERIES 6 - PLED SMALL

SAMPLE ASSEMBLIES

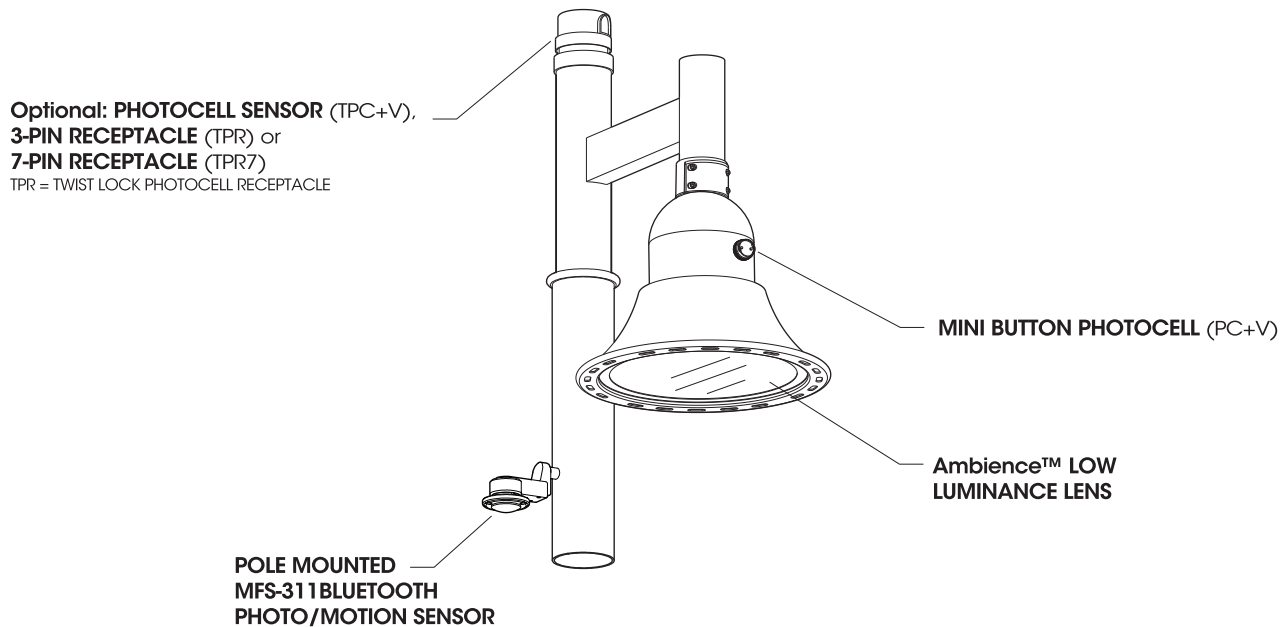


- A. 24-1040-9' / XALM-1 / DS6DB-AL / LED / ACCESSORIES / FINISH
B. 17-1030C-13'-4" / XPDM-2-180 / DS6S / LED / ACCESSORIES / FINISH
C. 1M-106O-9' / XPCM-1 / DS6C-AL / LED / ACCESSORIES / FINISH
D. 25-1035T-11' / XASM-2-180 / DS6TB / LED / ACCESSORIES / FINISH
E. WM-XPKM / DS6A-AL / LED / ACCESSORIES / FINISH

Sample Assemblies show a small offering of the Sun Valley Line of Poles, Bases, Shafts, Arms, & Luminaires. Please visit usalftg.com for the full product offering.

DEZİNER SERIES 6 - PLED SMALL

OPTIONS



Factory Settings:
No Motion - 50%
Motion - 100%
Delay - 15 min.
Photocell - 75fc

Sensors can be Field
Programmed With
Bluetooth App

High Low Dimming For Switches (HLSW)

The HLSW is a Small Electronic Switch which Provides High Low Dimming Control Through the LED Driver's 0-10V Control. Switching is Done by Adding a Secondary AC Switched Hot Trigger Line to the HLSW in Addition to the Normal AC Power Line. When the Secondary Trigger Line is Powered, the Fixture will go to 100% Dimming. With no Power to the Trigger, the Fixture will operate at 50% or 25% Dimming. Switches for the Trigger Line can be a Normal AC Switch/Breaker or Timed Switch/Breaker.

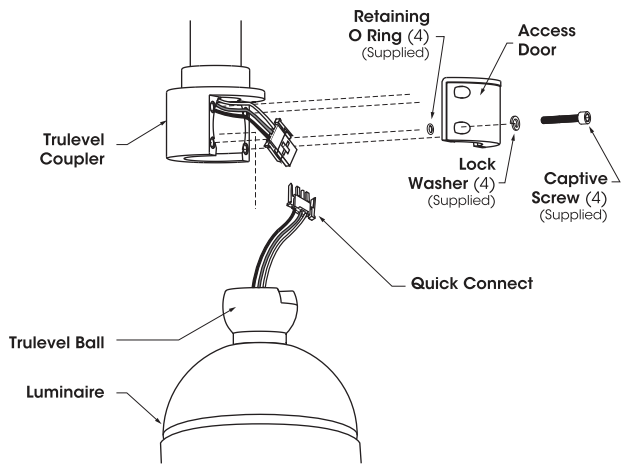
Wireless and Other Fixture Controls

Contact Factory for Wireless and Other Fixture Controls and Recommendations. Most Controls Can be Integrated and Factory Installed.

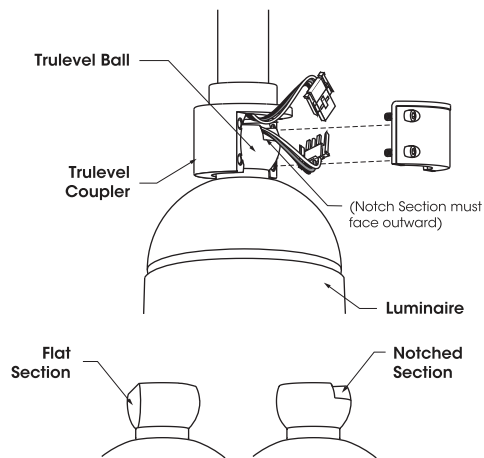
DEZİNER SERIES 6 - PLED SMALL

INSTALLATION DETAIL

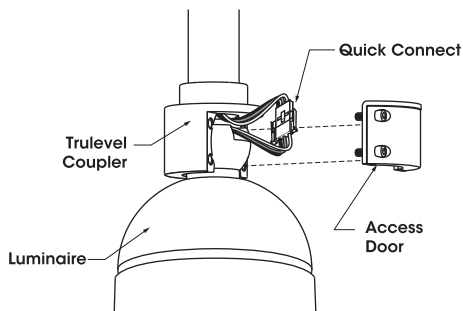
Trulevel System® Assembly



1. Loosen (4) Captive Screws and remove Access Door from Trulevel Coupler, pull out Quick Connect from Trulevel Coupler and Trulevel Ball.

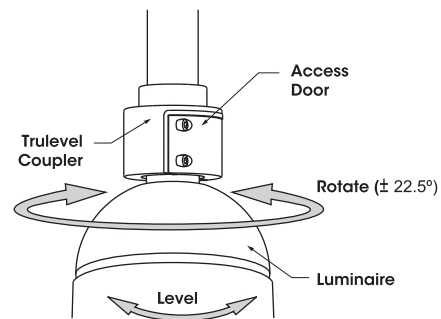


2. Place Trulevel Ball inside of Trulevel Coupler as illustrated.
 - A - Notched Section of Trulevel Ball must face outward as illustrated.
 - B - Flat Section of Trulevel Ball must face inward.



3. Connect Quick Connect components, push components inside of Trulevel Coupler cavity, replace Access Door and loosely secure, do not tighten.

Fixture will suspend without Access Door during installation.



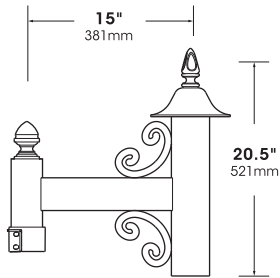
4. Rotate (left to right $\pm 22.5^\circ$) and level Luminaire to desired position. Tighten Access Door.

(Tighten each bolt to recommended torque: **10 ft-lb, foot-pound**)

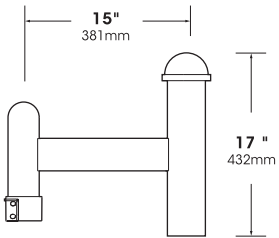
Trulevel Pendant Mount is intended to allow for fixture leveling, but is not intended to be "free-swinging" upon proper installation.

DEZİNER SERIES 6 - PLED SMALL

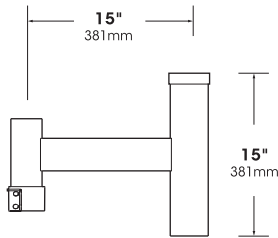
ARMS



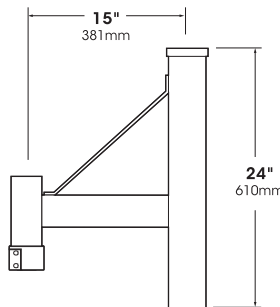
XAJM-PM



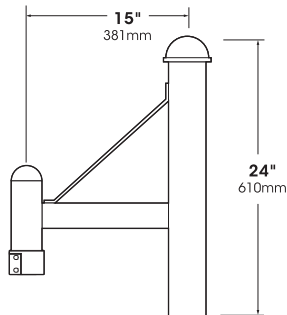
XALM-PM



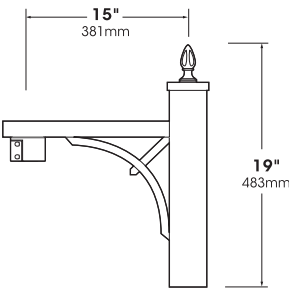
XAOM-PM



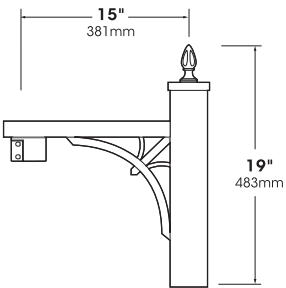
XASM-1



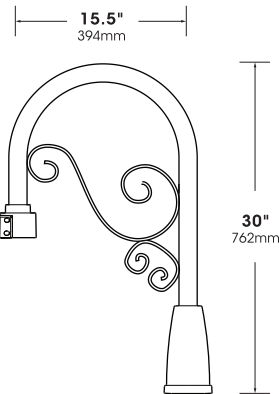
XBSM-1



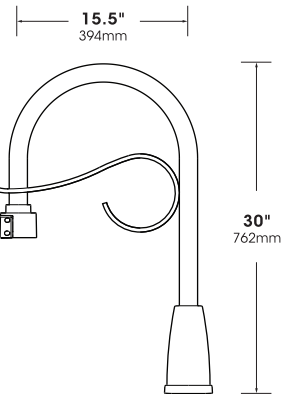
XCNAM-1



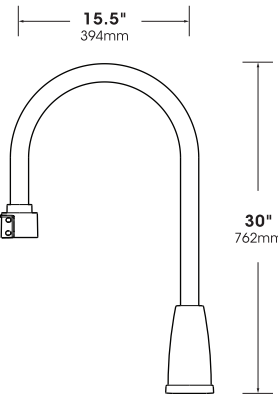
XCNBM-1



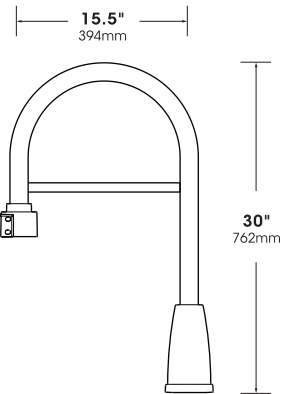
XPCM



XPDM



XPKM



XPSM

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED LUMEN MAINTENANCE (350mA to 700mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L96	0.96x
100,000 (6X LED Test Hrs)	L93	0.93x
150,000 (Theoretical)	L89	0.90x
200,000 (Theoretical)	L86	0.87x

TM-21 6x Test Time Dicates that L93 > 100,000 Hours.

Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)

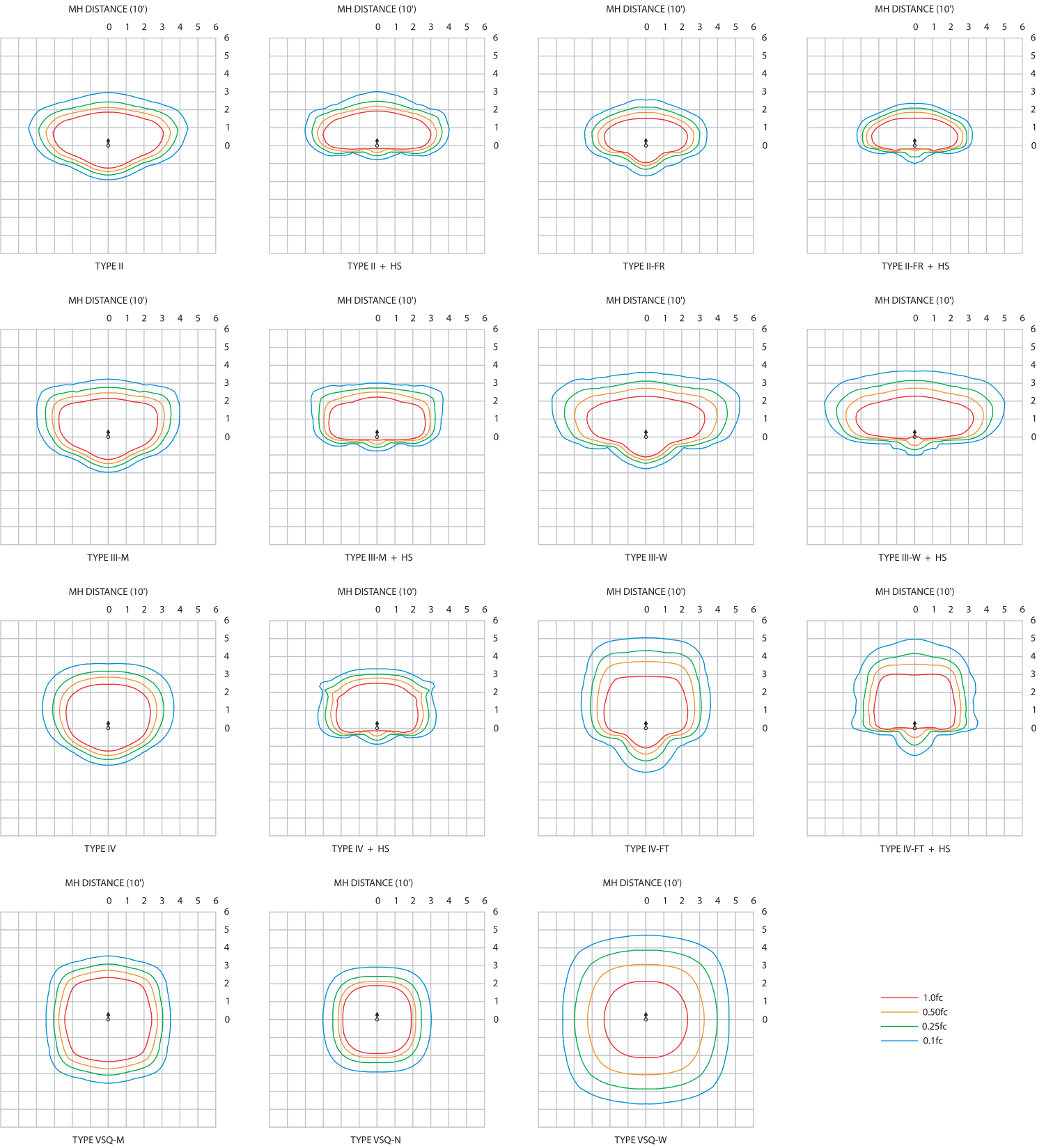
ELECTRICAL DATA GUIDE - AMPERAGE CHART

# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
20	350	23.6	0.20	0.11	0.09	0.07	0.05
20	525	35.5	0.30	0.17	0.13	0.10	0.07
20	700	47.0	0.39	0.23	0.17	0.14	0.10
20	875	58.4	0.49	0.28	0.21	0.17	0.12
36	350	41.3	0.34	0.20	0.15	0.12	0.09
36	525	62.0	0.52	0.30	0.22	0.18	0.13
36	700	82.6	0.69	0.40	0.30	0.24	0.17
36	875	103.2	0.86	0.50	0.37	0.30	0.22

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS (DS6-PLED)

DS6A-PLED-20LED-700mA-40K - 10' Mounting Height



IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (DS6-PLED)

DS6-PLED																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
20	350	23.6	II	3152	134	B1-U0-G1	3288	139	B1-U0-G1	3426	145	B1-U0-G1	3563	151	B1-U0-G1	18.2	1096	60	B0-U0-G0
			II-FR	3173	134	B1-U0-G1	3311	140	B1-U0-G1	3449	146	B1-U0-G1	3587	152	B1-U0-G1		1104	61	B0-U0-G0
			III-M	3207	136	B1-U0-G1	3346	142	B1-U0-G1	3486	148	B1-U0-G1	3625	154	B1-U0-G1		1115	61	B0-U0-G0
			III-W	2978	126	B1-U0-G1	3107	132	B1-U0-G1	3237	137	B1-U0-G1	3366	143	B1-U0-G1		1036	57	B0-U0-G1
			IV	3183	135	B1-U0-G1	3321	141	B1-U0-G1	3459	147	B1-U0-G1	3598	152	B1-U0-G1		1107	61	B0-U0-G0
			IV-FT	2899	123	B1-U0-G1	3025	128	B1-U0-G1	3151	134	B1-U0-G1	3277	139	B1-U0-G1		1008	55	B0-U0-G1
			VSQ-N	3327	141	B2-U0-G0	3472	147	B2-U0-G0	3616	153	B2-U0-G0	3761	159	B2-U0-G0		1157	64	B1-U0-G0
			VSQ-M	3262	138	B2-U0-G1	3404	144	B2-U0-G1	3546	150	B2-U0-G1	3688	156	B2-U0-G1		1135	62	B1-U0-G0
			VSQ-W	3184	135	B2-U0-G1	3322	141	B2-U0-G1	3461	147	B3-U0-G1	3600	153	B3-U0-G1		1108	61	B1-U0-G1
			II-HS	2305	98	B0-U0-G1	2405	102	B0-U0-G1	2505	106	B0-U0-G1	2606	110	B0-U0-G1		802	44	B0-U0-G0
			II-FR-HS	2345	99	B0-U0-G0	2447	104	B0-U0-G0	2549	108	B0-U0-G0	2651	112	B0-U0-G0		816	45	B0-U0-G0
			III-M-HS	2332	99	B0-U0-G1	2433	103	B0-U0-G1	2535	107	B0-U0-G1	2636	112	B0-U0-G1		811	45	B0-U0-G0
			III-W-HS	2282	97	B0-U0-G1	2382	101	B0-U0-G1	2481	105	B0-U0-G1	2580	109	B0-U0-G1		794	44	B0-U0-G1
			IV-HS	2409	102	B0-U0-G1	2513	106	B0-U0-G1	2618	111	B0-U0-G1	2722	115	B0-U0-G1		838	46	B0-U0-G0
			IV-FT-HS	2277	96	B0-U0-G1	2376	101	B0-U0-G1	2475	105	B0-U0-G1	2574	109	B0-U0-G1		792	44	B0-U0-G1
			II	4481	126	B1-U0-G1	4676	132	B1-U0-G1	4871	137	B1-U0-G1	5066	143	B1-U0-G1	27.3	1266	46	B1-U0-G0
			II-FR	4511	127	B1-U0-G1	4707	133	B1-U0-G1	4904	138	B1-U0-G1	5100	144	B1-U0-G1		1275	47	B1-U0-G0
			III-M	4560	128	B1-U0-G1	4758	134	B1-U0-G1	4956	140	B1-U0-G1	5154	145	B1-U0-G1		1288	47	B0-U0-G0
			III-W	4234	119	B1-U0-G2	4418	124	B1-U0-G2	4602	130	B1-U0-G2	4786	135	B1-U0-G2		1196	44	B0-U0-G1
			IV	4525	127	B1-U0-G1	4722	133	B1-U0-G1	4919	139	B1-U0-G1	5116	144	B1-U0-G1		1279	47	B0-U0-G1
			IV-FT	4123	116	B1-U0-G2	4302	121	B1-U0-G2	4481	126	B1-U0-G2	4660	131	B1-U0-G2		1165	43	B0-U0-G1
			VSQ-N	4730	133	B2-U0-G1	4935	139	B2-U0-G1	5141	145	B2-U0-G1	5347	151	B2-U0-G1		1337	49	B1-U0-G0
			VSQ-M	4638	131	B3-U0-G1	4839	136	B3-U0-G1	5041	142	B3-U0-G1	5243	148	B3-U0-G1		1311	48	B1-U0-G0
			VSQ-W	4528	128	B3-U0-G2	4725	133	B3-U0-G2	4921	139	B3-U0-G2	5118	144	B3-U0-G2		1279	47	B1-U0-G1
			II-HS	3278	92	B0-U0-G1	3420	96	B0-U0-G1	3563	100	B0-U0-G1	3705	104	B0-U0-G1		926	34	B0-U0-G0
			II-FR-HS	3334	94	B0-U0-G1	3479	98	B0-U0-G1	3624	102	B0-U0-G1	3768	106	B0-U0-G1		942	35	B0-U0-G0
			III-M-HS	3316	93	B0-U0-G1	3460	97	B0-U0-G1	3604	102	B0-U0-G1	3748	106	B0-U0-G1		937	34	B0-U0-G0
			III-W-HS	3246	91	B0-U0-G1	3387	95	B0-U0-G1	3528	99	B0-U0-G1	3669	103	B0-U0-G2		917	34	B0-U0-G1
			IV-HS	3425	96	B0-U0-G1	3574	101	B0-U0-G1	3722	105	B0-U0-G1	3871	109	B0-U0-G1		968	35	B0-U0-G0
			IV-FT-HS	3237	91	B0-U0-G2	3377	95	B0-U0-G2	3518	99	B0-U0-G2	3659	103	B0-U0-G2		915	34	B0-U0-G1
			II	5637	120	B1-U0-G1	5882	125	B2-U0-G1	6127	130	B2-U0-G1	6372	136	B2-U0-G2	N/A	N/A		
			II-FR	5674	121	B2-U0-G1	5921	126	B2-U0-G1	6168	131	B2-U0-G1	6414	136	B2-U0-G1				
			III-M	5735	122	B1-U0-G2	5984	127	B1-U0-G2	6234	133	B2-U0-G2	6483	138	B2-U0-G2				
			III-W	5325	113	B1-U0-G2	5556	118	B1-U0-G2	5788	123	B1-U0-G2	6019	128	B1-U0-G2				
			IV	5692	121	B1-U0-G1	5939	126	B1-U0-G2	6187	132	B2-U0-G2	6435	137	B2-U0-G2				
			IV-FT	5185	110	B1-U0-G2	5410	115	B1-U0-G2	5636	120	B1-U0-G2	5861	125	B1-U0-G2				
			VSQ-N	5949	127	B2-U0-G1	6208	132	B2-U0-G1	6466	138	B2-U0-G1	6725	143	B2-U0-G1				
			VSQ-M	5834	124	B3-U0-G1	6088	130	B3-U0-G1	6341	135	B3-U0-G1	6595	140	B3-U0-G1				
			VSQ-W	5694	121	B3-U0-G2	5942	126	B3-U0-G2	6189	132	B3-U0-G2	6437	137	B3-U0-G2				
			II-HS	4122	88	B0-U0-G1	4302	92	B0-U0-G1	4481	95	B0-U0-G1	4660	99	B1-U0-G1				
			II-FR-HS	4193	89	B0-U0-G1	4376	93	B0-U0-G1	4558	97	B0-U0-G1	4740	101	B0-U0-G1				
			III-M-HS	4170	89	B0-U0-G1	4351	93	B0-U0-G2	4533	96	B0-U0-G2	4714	100	B0-U0-G2				
			III-W-HS	4082	87	B0-U0-G2	4259	91	B0-U0-G2	4437	94	B0-U0-G2	4614	98	B0-U0-G2				
			IV-HS	4308	92	B0-U0-G1	4495	96	B0-U0-G1	4682	100	B0-U0-G2	4869	104	B0-U0-G2				
			IV-FT-HS	4071	87	B0-U0-G2	4248	90	B0-U0-G2	4425	94	B0-U0-G2	4602	98	B0-U0-G2				
			II	6639	114	B2-U0-G2	6928	119	B2-U0-G2	7216	124	B2-U0-G2	7505	129	B2-U0-G2	N/A	N/A		
			II-FR	6683	114	B2-U0-G1	6974	119	B2-U0-G1	7264	124	B2-U0-G1	7555	129	B2-U0-G1				
			III-M	6755	116	B2-U0-G2	7048	121	B2-U0-G2	7342	126	B2-U0-G2	7636	131	B2-U0-G2				
			III-W	6272	107	B1-U0-G2	6545	112	B1-U0-G2	6817	117	B1-U0-G2	7090	121	B1-U0-G2				
			IV	6704	115	B2-U0-G2	6996	120	B2-U0-G2	7287	125	B2-U0-G2	7579	130	B2-U0-G2				
			IV-FT	6107	105	B1-U0-G2	6373	109	B1-U0-G2	6638	114	B1-U0-G2	6904	118	B1-U0-G2				
			VSQ-N	7007	120	B2-U0-G1	7312	125	B2-U0-G1	7617	130	B2-U0-G1	7921	136	B3-U0-G1				
			VSQ-M	6871	118	B3-U0-G1	7170	123	B3-U0-G1	7469	128	B3-U0-G1	7767	133	B3-U0-G2				
			VSQ-W	6707	115	B3-U0-G2	6999	120	B3-U0-G2	7290	125	B3-U0-G2	7582	130	B3-U0-G2				
			II-HS	4855	83	B1-U0-G2	5066	87	B1-U0-G2	5278	90	B1-U0-G2	5489	94	B1-U0-G2				
			II-FR-HS	4939	85	B0-U0-G1	5154	88	B0-U0-G1	5368	92	B0-U0-G1	5583	96	B0-U0-G1				
			III-M-HS	4912	84	B0-U0-G2	5126	88	B0-U0-G2	5339	91	B0-U0-G2	5553	95	B0-U0-G2				
			III-W-HS	4808	82	B0-U0-G2	5017	86	B0-U0-G2	5226	89	B0-U0-G2	5436	93	B0-U0-G2				
			IV-HS	5074	87	B0-U0-G2	5295	91	B0-U0-G2	5515	94	B0-U0-G2	5735	98	B0-U0-G2				
			IV-FT-HS	4795	82	B0-U0-G2	5003	86	B0-U0-G2	5212	89	B0-U0-G2	5420	93	B0-U0-G2				

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DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (DS6-PLED)

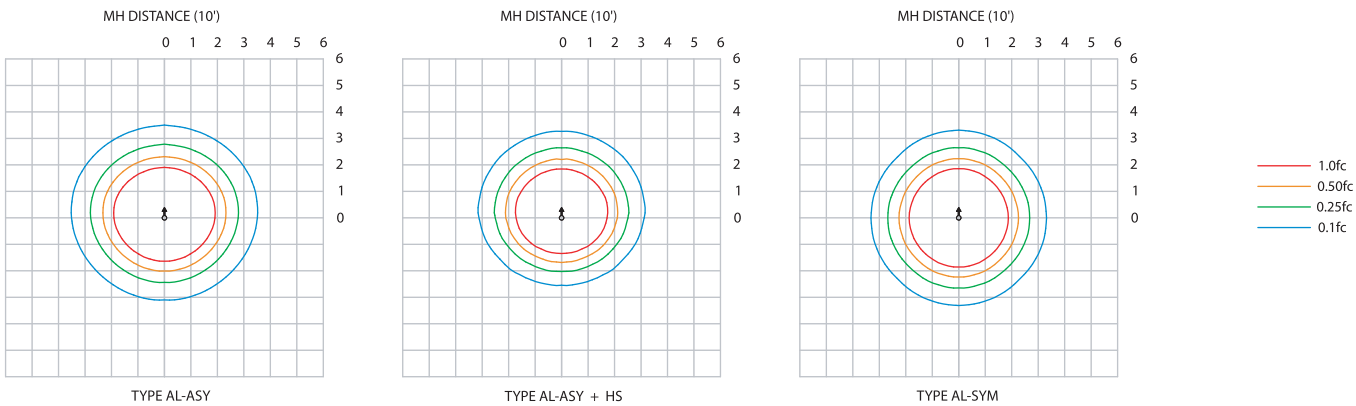
DS6-PLED																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
36	350	41.3	II	5529	134	B1-U0-G1	5769	140	B2-U0-G1	6010	146	B2-U0-G1	6250	151	B2-U0-G1	31.8	1923	60	B1-U0-G1
			II-FR	5567	135	B1-U0-G1	5809	141	B2-U0-G1	6051	147	B2-U0-G1	6293	152	B2-U0-G1		1936	61	B1-U0-G0
			III-M	5626	136	B1-U0-G1	5871	142	B1-U0-G2	6115	148	B1-U0-G2	6360	154	B2-U0-G2		1957	62	B1-U0-G1
			III-W	5224	126	B1-U0-G2	5451	132	B1-U0-G2	5678	137	B1-U0-G2	5905	143	B1-U0-G2		1817	57	B1-U0-G1
			IV	5584	135	B1-U0-G1	5826	141	B1-U0-G1	6069	147	B2-U0-G2	6312	153	B2-U0-G2		1942	61	B1-U0-G1
			IV-FT	5086	123	B1-U0-G2	5307	129	B1-U0-G2	5529	134	B1-U0-G2	5750	139	B1-U0-G2		1769	56	B1-U0-G1
			VSQ-N	5837	141	B2-U0-G1	6091	147	B2-U0-G1	6344	154	B2-U0-G1	6598	160	B2-U0-G1		2030	64	B1-U0-G0
			VSQ-M	5723	139	B3-U0-G1	5972	145	B3-U0-G1	6221	151	B3-U0-G1	6469	157	B3-U0-G1		1991	63	B1-U0-G0
			VSQ-W	5586	135	B3-U0-G2	5829	141	B3-U0-G2	6072	147	B3-U0-G2	6315	153	B3-U0-G2		1943	61	B2-U0-G1
			II-HS	4044	98	B0-U0-G1	4220	102	B0-U0-G1	4395	106	B0-U0-G1	4571	111	B1-U0-G1		1407	44	B0-U0-G0
			II-FR-HS	4114	100	B0-U0-G1	4293	104	B0-U0-G1	4471	108	B0-U0-G1	4650	113	B0-U0-G1		1431	45	B0-U0-G0
			III-M-HS	4091	99	B0-U0-G1	4269	103	B0-U0-G2	4447	108	B0-U0-G2	4624	112	B0-U0-G2		1423	45	B0-U0-G0
			III-W-HS	4005	97	B0-U0-G2	4178	101	B0-U0-G2	4353	105	B0-U0-G2	4527	110	B0-U0-G2		1393	44	B0-U0-G1
			IV-HS	4225	102	B0-U0-G1	4409	107	B0-U0-G1	4592	111	B0-U0-G1	4776	116	B0-U0-G2		1470	46	B0-U0-G0
			IV-FT-HS	3994	97	B0-U0-G2	4167	101	B0-U0-G2	4341	105	B0-U0-G2	4515	109	B0-U0-G2		1389	44	B0-U0-G1
36	525	62.0	II	7862	127	B2-U0-G2	8204	132	B2-U0-G2	8545	138	B2-U0-G2	8887	143	B2-U0-G2	47.7	2222	47	B1-U0-G1
			II-FR	7915	128	B2-U0-G1	8259	133	B2-U0-G1	8603	139	B2-U0-G1	8947	144	B2-U0-G1		2237	47	B1-U0-G0
			III-M	7999	129	B2-U0-G2	8347	135	B2-U0-G2	8695	140	B2-U0-G2	9043	146	B2-U0-G2		2261	47	B1-U0-G1
			III-W	7428	120	B1-U0-G2	7751	125	B1-U0-G2	8074	130	B2-U0-G2	8397	135	B2-U0-G2		2099	44	B1-U0-G1
			IV	7939	128	B2-U0-G2	8284	134	B2-U0-G2	8630	139	B2-U0-G2	8975	145	B2-U0-G2		2244	47	B1-U0-G1
			IV-FT	7232	117	B2-U0-G2	7547	122	B2-U0-G2	7861	127	B2-U0-G2	8176	132	B2-U0-G2		2044	43	B1-U0-G1
			VSQ-N	8297	134	B3-U0-G1	8658	140	B3-U0-G1	9019	145	B3-U0-G1	9380	151	B3-U0-G1		2345	49	B1-U0-G0
			VSQ-M	8137	131	B3-U0-G2	8491	137	B3-U0-G2	8844	143	B3-U0-G2	9198	148	B3-U0-G2		2299	48	B2-U0-G1
			VSQ-W	7943	128	B3-U0-G2	8289	134	B3-U0-G2	8634	139	B4-U0-G2	8980	145	B4-U0-G2		2245	47	B2-U0-G1
			II-HS	5750	93	B1-U0-G2	6000	97	B1-U0-G2	6250	101	B1-U0-G2	6500	105	B1-U0-G2		1625	34	B0-U0-G0
			II-FR-HS	5849	94	B1-U0-G1	6103	98	B1-U0-G1	6357	103	B1-U0-G1	6611	107	B1-U0-G1		1653	35	B0-U0-G0
			III-M-HS	5817	94	B0-U0-G2	6069	98	B0-U0-G2	6322	102	B0-U0-G2	6575	106	B0-U0-G2		1644	34	B0-U0-G1
			III-W-HS	5694	92	B0-U0-G2	5941	96	B0-U0-G2	6189	100	B0-U0-G2	6436	104	B0-U0-G2		1609	34	B0-U0-G1
			IV-HS	6008	97	B0-U0-G2	6269	101	B0-U0-G2	6530	105	B0-U0-G2	6791	110	B0-U0-G2		1698	36	B0-U0-G1
			IV-FT-HS	5678	92	B0-U0-G2	5925	96	B0-U0-G2	6172	100	B0-U0-G2	6419	104	B0-U0-G2		1605	34	B0-U0-G1
36	700	82.6	II	9889	120	B2-U0-G2	10319	125	B2-U0-G2	10749	130	B2-U0-G2	11179	135	B2-U0-G2	N/A	N/A		
			II-FR	9955	121	B2-U0-G1	10388	126	B2-U0-G1	10820	131	B2-U0-G1	11253	136	B3-U0-G1				
			III-M	10061	122	B2-U0-G2	10499	127	B2-U0-G2	10936	132	B2-U0-G2	11374	138	B2-U0-G2				
			III-W	9342	113	B2-U0-G3	9748	118	B2-U0-G3	10154	123	B2-U0-G3	10560	128	B2-U0-G3				
			IV	9986	121	B2-U0-G2	10420	126	B2-U0-G2	10854	131	B2-U0-G2	11289	137	B2-U0-G2				
			IV-FT	9096	110	B2-U0-G3	9492	115	B2-U0-G3	9887	120	B2-U0-G3	10283	124	B2-U0-G3				
			VSQ-N	10437	126	B3-U0-G1	10890	132	B3-U0-G1	11344	137	B3-U0-G1	11798	143	B3-U0-G1				
			VSQ-M	10235	124	B3-U0-G2	10680	129	B4-U0-G2	11125	135	B4-U0-G2	11570	140	B4-U0-G2				
			VSQ-W	9990	121	B4-U0-G3	10425	126	B4-U0-G3	10859	131	B4-U0-G3	11294	137	B4-U0-G3				
			II-HS	7232	88	B1-U0-G2	7547	91	B1-U0-G2	7861	95	B1-U0-G2	8175	99	B1-U0-G2				
			II-FR-HS	7356	89	B1-U0-G1	7676	93	B1-U0-G1	7996	97	B1-U0-G1	8315	101	B1-U0-G1				
			III-M-HS	7316	89	B0-U0-G2	7634	92	B1-U0-G2	7952	96	B1-U0-G2	8270	100	B1-U0-G2				
			III-W-HS	7161	87	B0-U0-G2	7472	90	B0-U0-G2	7784	94	B0-U0-G2	8095	98	B1-U0-G2				
			IV-HS	7557	91	B1-U0-G2	7886	95	B1-U0-G2	8214	99	B1-U0-G2	8542	103	B1-U0-G2				
			IV-FT-HS	7142	86	B1-U0-G3	7453	90	B1-U0-G3	7763	94	B1-U0-G3	8074	98	B1-U0-G3				

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DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS (DS6-PLED-AL)

DS6-PLED-AL-36LED-525mA-40K - 10' Mounting Height



PHOTOMETRIC DATA GUIDE - LUMEN TABLES (DS6-PLED-AL)

DS6-PLED-AL																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
36	175	20.6	ASY	2243	109	B1-U0-G1	2340	114	B1-U0-G1	2438	118	B1-U0-G1	2536	123	B1-U0-G1	15.9	878	55	B0-U0-G0
			SYM	2245	109	B1-U0-G1	2343	114	B1-U0-G1	2441	118	B1-U0-G1	2538	123	B1-U0-G1		879	55	B1-U0-G0
			ASY-HS	1605	78	B1-U0-G1	1675	81	B1-U0-G1	1745	85	B1-U0-G1	1814	88	B1-U0-G1		628	40	B0-U0-G0
36	350	41.3	ASY	4232	102	B2-U0-G1	4416	107	B2-U0-G1	4600	111	B2-U0-G1	4784	116	B2-U0-G1	31.8	1472	46	B1-U0-G1
			SYM	4237	103	B2-U0-G1	4421	107	B2-U0-G1	4605	112	B2-U0-G1	4789	116	B2-U0-G1		1473	46	B1-U0-G0
			ASY-HS	3028	73	B1-U0-G1	3160	77	B1-U0-G1	3292	80	B1-U0-G1	3423	83	B1-U0-G1		1053	33	B1-U0-G0
36	525	62.0	ASY	6018	97	B2-U0-G1	6280	101	B2-U0-G2	6541	106	B2-U0-G2	6803	110	B2-U0-G2	47.7	1701	36	B1-U0-G1
			SYM	6024	97	B2-U0-G1	6286	101	B2-U0-G1	6548	106	B2-U0-G1	6810	110	B2-U0-G1		1703	36	B1-U0-G0
			ASY-HS	4306	69	B1-U0-G1	4493	72	B1-U0-G1	4681	75	B2-U0-G1	4868	79	B2-U0-G1		1217	26	B1-U0-G0
36	700	82.6	ASY	7571	92	B2-U0-G2	7900	96	B2-U0-G2	8229	100	B3-U0-G2	8559	104	B3-U0-G2	N/A	N/A		
			SYM	7579	92	B3-U0-G1	7909	96	B3-U0-G1	8238	100	B3-U0-G1	8568	104	B3-U0-G1				
			ASY-HS	5418	66	B2-U0-G1	5653	68	B2-U0-G1	5889	71	B2-U0-G1	6124	74	B2-U0-G1				

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Small Neoclassical, Domed Bell Luminaire

Features

The NEW Deziner Series is a flexible, configurable pedestrian scale decorative pendant luminaire with an 6.7" diameter upper housing of 0.125" thick formed aluminum with a large assortment of spun aluminum shades and ornamental options. Each lower housing is comprised of a 0.080" thick spun aluminum reflector with an integrated LED module seat, thermal management for long LED life and a thermally isolated solid state power supply chamber. Trulevel™ ball coupling.

PLED™ Optics

Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side and functions as a house side shielding element. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. All optics are U0, Zero Uplight and are Dark Sky compliant. Panels are field replaceable and field rotatable in 90° increments.

LED Emitters

High Power White LED's are driven between 350mA and 875mA for a maximum output of 2.5 Watts nominal. LED's are available in standard Warm White (2700K & 3000K), Neutral White (4000K), or Cool White (5000K). All Standard LED's have a minimum of 70 CRI. Consult Factory for other LED options. Lumen Maintenance of L93 at 100,000 hours (TM-21 calculated at 6x Test Time) for all LED options.

True Amber LED's TRA-True Amber LED's emit light in the amber spectral bandwidth centered on 585-590nm. True Amber has negligible blue light and is suitable for wildlife.

LED Driver

Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized and mounted directly against the Electrical Housing to facilitate thermal transfer, held down by universal clamps to facilitate easy removal. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V (UNV), 50/60Hz or 347V & 480V, 50,60Hz. 0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field accessible installation.)

Finish

Super TGIC polyester powder coating is applied onto a metal substrate this has been pretreated with a four-stage process for maximum adhesion and color retention. The top coat is baked at 400° F for maximum hardness and exterior durability.

PROJECT NAME: _____

PROJECT TYPE: _____



DS6A
Angled



DS6C
Concave/Flared



DS6D
Deep Bell



DS6S
Skirted



DS6T
Tiered

The smallest models within the Deziner Series, offer 5 customizable styles available with optional Ambience™ Low Luminance Lens and unlit Bands.











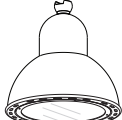



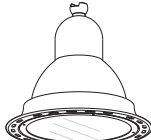







2023062

DEZİNER SERIES 6 - PLED SMALL

PRODUCT CONFIGURATIONS










EPA & WEIGHT








Base Model	w/ unlit Bands	w/ Ambience™ Low Luminance Lens	w/ unlit Bands & Ambience™ Low Luminance Lens
 <p>DS6A Max Weight = 17 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6AB Max Weight = 18 lbs Max EPA = 0.63 36 LED Max</p>	 <p>DS6A-AL Max Weight = 17 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6AB-AL Max Weight = 18 lbs Max EPA = 0.63 36 LED Max</p>
 <p>DS6C Max Weight = 17 lbs Max EPA = 0.54 36 LED Max</p>	 <p>DS6CB Max Weight = 18 lbs Max EPA = 0.59 36 LED Max</p>	 <p>DS6C-AL Max Weight = 17 lbs Max EPA = 0.54 36 LED Max</p>	 <p>DS6CB-AL Max Weight = 18 lbs Max EPA = 0.59 36 LED Max</p>
 <p>DS6D Max Weight = 18 lbs Max EPA = 0.74 36 LED Max</p>	 <p>DS6DB Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>	 <p>DS6D-AL Max Weight = 18 lbs Max EPA = 0.74 36 LED Max</p>	 <p>DS6DB-AL Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>
 <p>DS6S Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>	 <p>DS6SB Max Weight = 20lbs Max EPA = 0.84 36 LED Max</p>	 <p>DS6S-AL Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>	 <p>DS6SB-AL Max Weight = 20lbs Max EPA = 0.84 36 LED Max</p>
 <p>DS6T Max Weight = 16 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6TB Max Weight = 17 lbs Max EPA = 0.63 36 LED Max</p>	 <p>DS6T-AL Max Weight = 16 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6TB-AL Max Weight = 17 lbs Max EPA = 0.63 36 LED Max</p>

DEZİNER SERIES 6 - PLED SMALL

ORDERING INFORMATION

Spec/Order Example: DS6CB/AL-ASY/36LED-700mA/30K/UNV/CM+L/RAL-8019-T/DF

Luminaire	Shade	Optics	# of LEDs	Drive Current	Color Temp - CCT	Voltage
Luminaire	Shade	Optics	LED			Voltage
		PLED™ Distribution Type	# of LEDs	Drive Current	Color Temp - CCT	
<input type="checkbox"/> DS6	<input type="checkbox"/> Angled A <input type="checkbox"/> Angled w/ unlit Bands AB <input type="checkbox"/> Concave/Flared C <input type="checkbox"/> Concave/Flared w/ unlit Bands CB <input type="checkbox"/> Deep Bell D <input type="checkbox"/> Deep Bell w/ unlit Bands DB <input type="checkbox"/> Hooded H <input type="checkbox"/> Hooded w/ unlit Bands HB <input type="checkbox"/> Skirted S <input type="checkbox"/> Skirted w/ unlit Bands SB <input type="checkbox"/> Tiered T <input type="checkbox"/> Tiered w/ unlit Bands TB	<input type="checkbox"/> PLED-II  <input type="checkbox"/> PLED-II-FR  <input type="checkbox"/> PLED-III  <input type="checkbox"/> PLED-III-W  <input type="checkbox"/> PLED-IV  <input type="checkbox"/> PLED-IV-FT  <input type="checkbox"/> PLED-V-SQ-N  <input type="checkbox"/> PLED-V-SQ-M  <input type="checkbox"/> PLED-V-SQ-W  Ambience™ Lens Option: <input type="checkbox"/> AL-ASY <input type="checkbox"/> AL-ASY-HS <input type="checkbox"/> AL-SYM	<input type="checkbox"/> 36LED <input type="checkbox"/> 20LED	<input type="checkbox"/> 875mA¹ <input type="checkbox"/> 700mA <input type="checkbox"/> 525mA <input type="checkbox"/> 350mA	<input type="checkbox"/> 27K (2700K) <input type="checkbox"/> 30K (3000K) <input type="checkbox"/> 40K (4000K) <input type="checkbox"/> 50K (5000K) <input type="checkbox"/> TRA² True Amber	<input type="checkbox"/> UNV (120-277) <input type="checkbox"/> 347 <input type="checkbox"/> 480
NOTES: 1 - 875mA not available with 36LED, available with 20LED only 2 - TRA available in 350mA & 525mA Drive Currents only Consult factory for other CCT, CRI, & Drive Current options						

Mounting	Finish	Options
Mounting	Finish	Options
Arm Mount <input type="checkbox"/> 1  <input type="checkbox"/> 2-180  <input type="checkbox"/> 2-90  <input type="checkbox"/> 3-90  <input type="checkbox"/> 3-120  <input type="checkbox"/> 4-90  Wall Mount <input type="checkbox"/> WM  WM - Wall Mount provided with mounting bracket and cover.	Standard Textured Finish <input type="checkbox"/> Black RAL-9005-T <input type="checkbox"/> White RAL-9003-T <input type="checkbox"/> Grey RAL-7004-T <input type="checkbox"/> Dark Bronze RAL-8019-T <input type="checkbox"/> Green RAL-6005-T Premium Finishes <input type="checkbox"/> Rust <input type="checkbox"/> Patina Copper PC For smooth finish replace suffix 'T' with suffix 'S' (Example: RAL-9500-S) Consult factor for custom colors	<input type="checkbox"/> Internal House Side Shield incl. LED Count (Example: HS-PLED/48) HS-PLED <input type="checkbox"/> Twist Lock Receptable Only TPR <input type="checkbox"/> 7-Pin Twist Lock Receptable Only TPR7 <input type="checkbox"/> High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25) HLSW <input type="checkbox"/> Twist Lock Photocell + Voltage (Example: TPC347V) TPC+V <input type="checkbox"/> Photocell + Voltage (Example: PC120V) PC+V <input type="checkbox"/> Single Fuse (Example: DF277V) SF+V <input type="checkbox"/> Double Fuse (Example: DF240V) DF+V <input type="checkbox"/> Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75fc) MS-F311
Pendant Mount <input type="checkbox"/> Stem Mount + Length(in) (48" Max) SM+L <input type="checkbox"/> Chain Mount + Length(in) (48" Max) CM+L <input type="checkbox"/> Cable Clamp J-Box CCB <input type="checkbox"/> Cross Cable Clamp J-Box CCC		

DEZİNER SERIES 6 - PLED SMALL

SAMPLE ASSEMBLIES

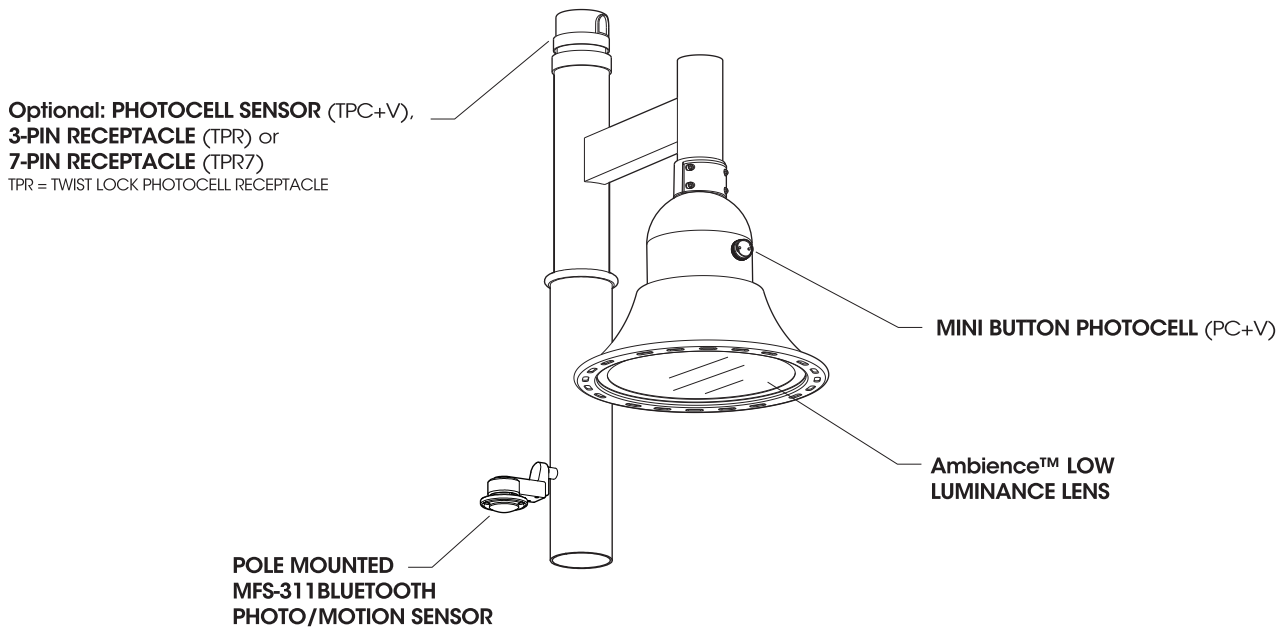


- A. 24-1040-9' / XALM-1 / DS6DB-AL / LED / ACCESSORIES / FINISH
- B. 17-1030C-13'-4" / XPDM-2-180 / DS6S / LED / ACCESSORIES / FINISH
- C. 1M-106O-9' / XPCM-1 / DS6C-AL / LED / ACCESSORIES / FINISH
- D. 25-1035T-11' / XASM-2-180 / DS6TB / LED / ACCESSORIES / FINISH
- E. WM-XPKM / DS6A-AL / LED / ACCESSORIES / FINISH

Sample Assemblies show a small offering of the Sun Valley Line of Poles, Bases, Shafts, Arms, & Luminaires. Please visit usalftg.com for the full product offering.

DEZİNER SERIES 6 - PLED SMALL

OPTIONS



Factory Settings:
No Motion - 50%
Motion - 100%
Delay - 15 min.
Photocell - 75fc

Sensors can be Field
Programmed With
Bluetooth App

High Low Dimming For Switches (HLSW)

The HLSW is a Small Electronic Switch which Provides High Low Dimming Control Through the LED Driver's 0-10V Control. Switching is Done by Adding a Secondary AC Switched Hot Trigger Line to the HLSW in Addition to the Normal AC Power Line. When the Secondary Trigger Line is Powered, the Fixture will go to 100% Dimming. With no Power to the Trigger, the Fixture will operate at 50% or 25% Dimming. Switches for the Trigger Line can be a Normal AC Switch/Breaker or Timed Switch/Breaker.

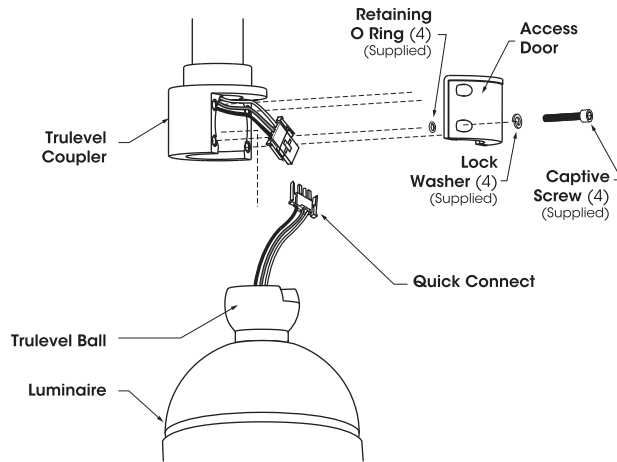
Wireless and Other Fixture Controls

Contact Factory for Wireless and Other Fixture Controls and Recommendations. Most Controls Can be Integrated and Factory Installed.

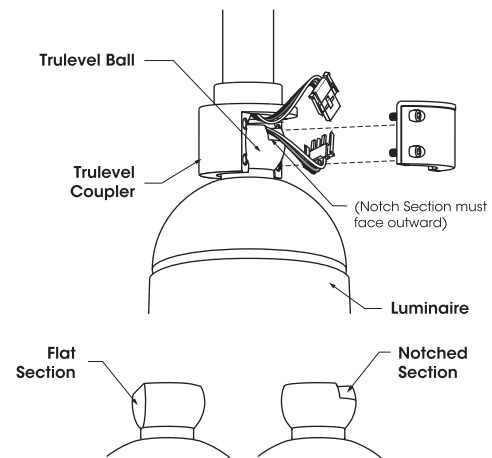
DEZİNER SERIES 6 - PLED SMALL

INSTALLATION DETAIL

Trulevel System® Assembly



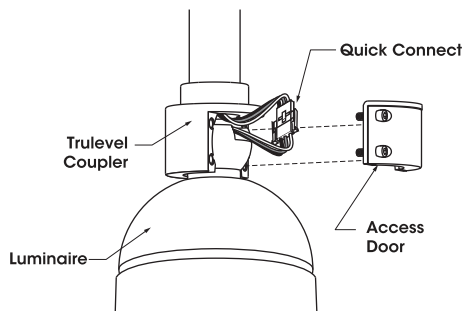
1. Loosen (4) Captive Screws and remove Access Door from Trulevel Coupler, pull out Quick Connect from Trulevel Coupler and Trulevel Ball.



2. Place Trulevel Ball inside of Trulevel Coupler as illustrated.

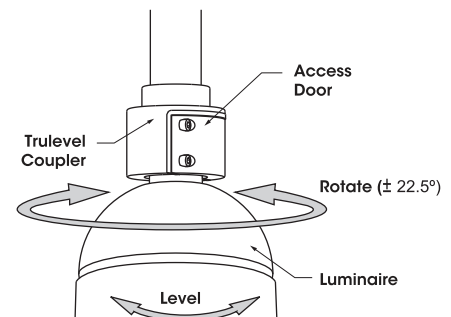
A - Notched Section of Trulevel Ball must face outward as illustrated.

B - Flat Section of Trulevel Ball must face inward.



3. Connect Quick Connect components, push components inside of Trulevel Coupler cavity, replace Access Door and loosely secure, do not tighten.

Fixture will suspend without Access Door during installation.



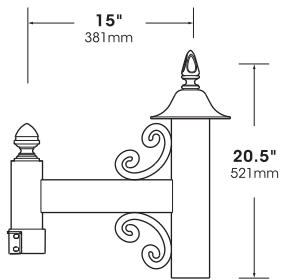
4. Rotate (left to right $\pm 22.5^\circ$) and level Luminaire to desired position. Tighten Access Door.

(Tighten each bolt to recommended torque: **10 ft-lb, foot-pound**)

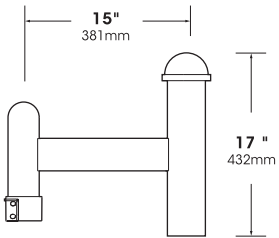
Trulevel Pendant Mount is intended to allow for fixture leveling, but is not intended to be "free-swinging" upon proper installation.

DEZİNER SERIES 6 - PLED SMALL

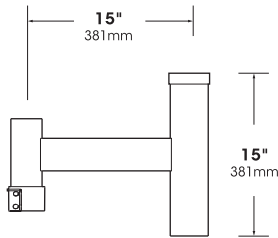
ARMS



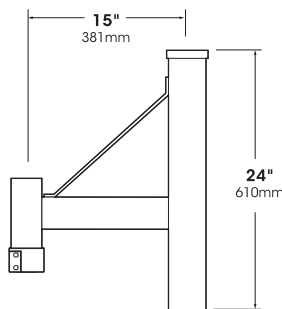
XAJM-PM



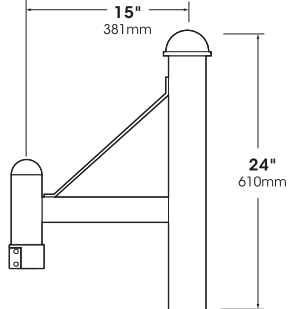
XALM-PM



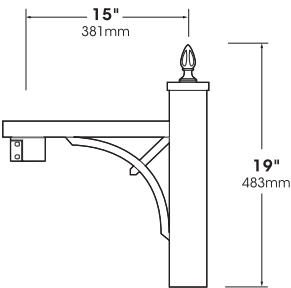
XAOM-PM



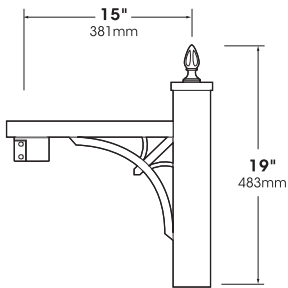
XASM-1



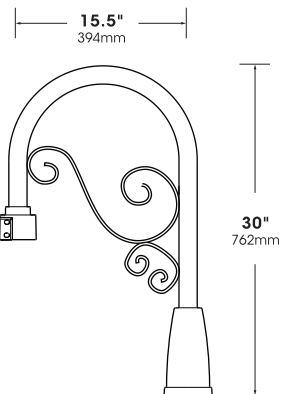
XBSM-1



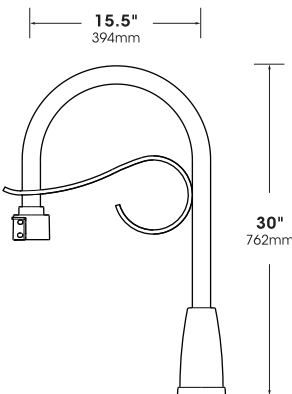
XCNAM-1



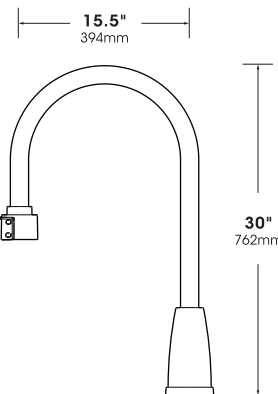
XCNBM-1



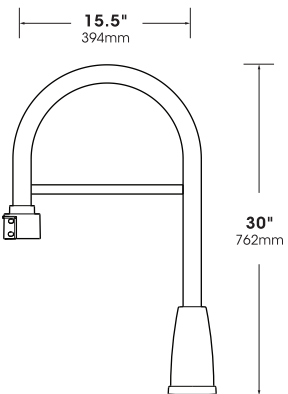
XPCM



XPDM



XPKM



XPSM

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED LUMEN MAINTENANCE (350mA to 700mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L96	0.96x
100,000 (6X LED Test Hrs)	L93	0.93x
150,000 (Theoretical)	L89	0.90x
200,000 (Theoretical)	L86	0.87x

TM-21 6x Test Time Dicates that L93 > 100,000 Hours.

Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)

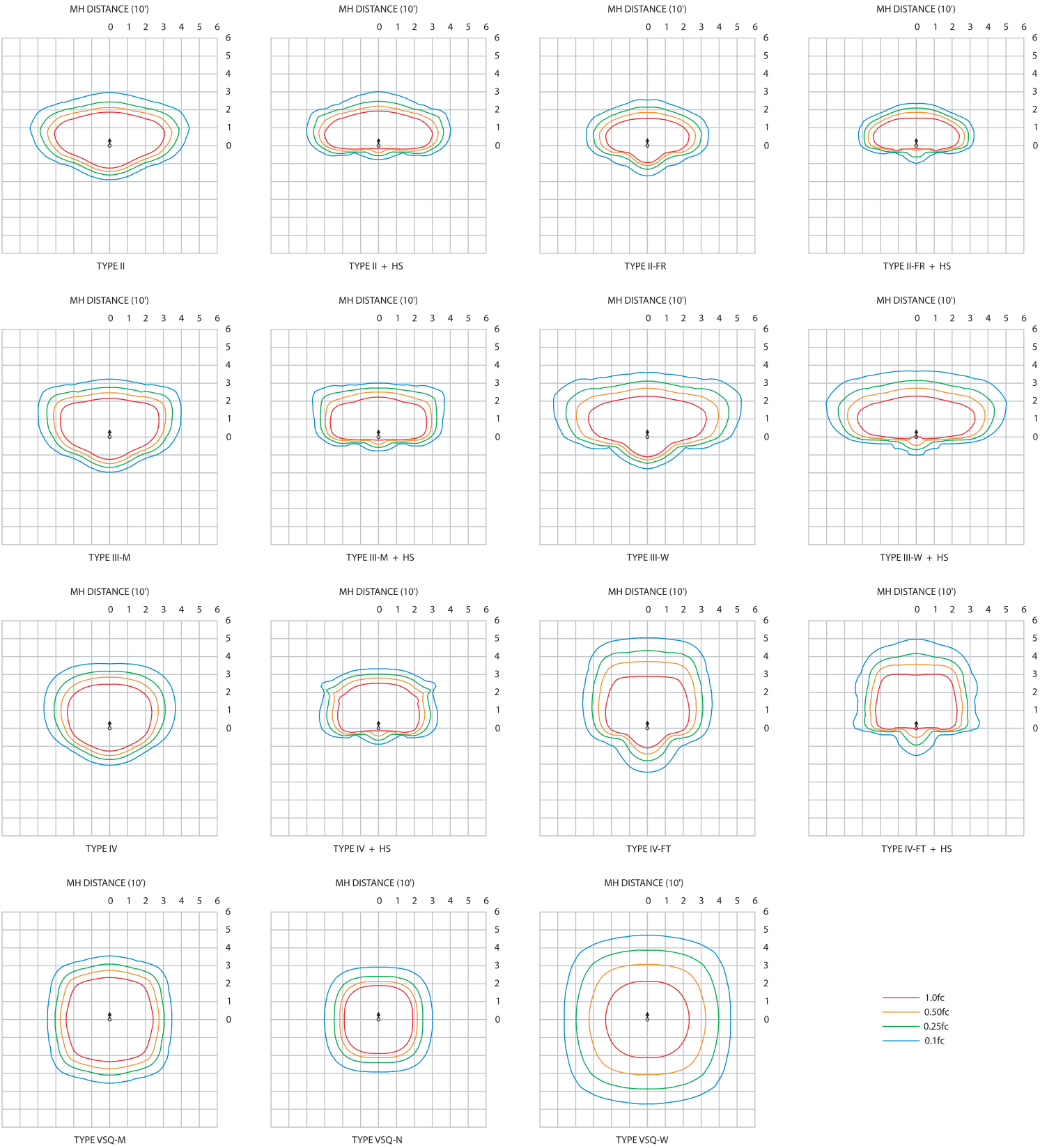
ELECTRICAL DATA GUIDE - AMPERAGE CHART

# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
20	350	23.6	0.20	0.11	0.09	0.07	0.05
20	525	35.5	0.30	0.17	0.13	0.10	0.07
20	700	47.0	0.39	0.23	0.17	0.14	0.10
20	875	58.4	0.49	0.28	0.21	0.17	0.12
36	350	41.3	0.34	0.20	0.15	0.12	0.09
36	525	62.0	0.52	0.30	0.22	0.18	0.13
36	700	82.6	0.69	0.40	0.30	0.24	0.17
36	875	103.2	0.86	0.50	0.37	0.30	0.22

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS (DS6-PLED)

DS6A-PLED-20LED-700mA-40K - 10' Mounting Height



IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (DS6-PLED)

DS6-PLED																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
20	350	23.6	II	3152	134	B1-U0-G1	3288	139	B1-U0-G1	3426	145	B1-U0-G1	3563	151	B1-U0-G1	18.2	1096	60	B0-U0-G0
			II-FR	3173	134	B1-U0-G1	3311	140	B1-U0-G1	3449	146	B1-U0-G1	3587	152	B1-U0-G1		1104	61	B0-U0-G0
			III-M	3207	136	B1-U0-G1	3346	142	B1-U0-G1	3486	148	B1-U0-G1	3625	154	B1-U0-G1		1115	61	B0-U0-G0
			III-W	2978	126	B1-U0-G1	3107	132	B1-U0-G1	3237	137	B1-U0-G1	3366	143	B1-U0-G1		1036	57	B0-U0-G1
			IV	3183	135	B1-U0-G1	3321	141	B1-U0-G1	3459	147	B1-U0-G1	3598	152	B1-U0-G1		1107	61	B0-U0-G0
			IV-FT	2899	123	B1-U0-G1	3025	128	B1-U0-G1	3151	134	B1-U0-G1	3277	139	B1-U0-G1		1008	55	B0-U0-G1
			VSQ-N	3327	141	B2-U0-G0	3472	147	B2-U0-G0	3616	153	B2-U0-G0	3761	159	B2-U0-G0		1157	64	B1-U0-G0
			VSQ-M	3262	138	B2-U0-G1	3404	144	B2-U0-G1	3546	150	B2-U0-G1	3688	156	B2-U0-G1		1135	62	B1-U0-G0
			VSQ-W	3184	135	B2-U0-G1	3322	141	B2-U0-G1	3461	147	B3-U0-G1	3600	153	B3-U0-G1		1108	61	B1-U0-G1
			II-HS	2305	98	B0-U0-G1	2405	102	B0-U0-G1	2505	106	B0-U0-G1	2606	110	B0-U0-G1		802	44	B0-U0-G0
			II-FR-HS	2345	99	B0-U0-G0	2447	104	B0-U0-G0	2549	108	B0-U0-G0	2651	112	B0-U0-G0		816	45	B0-U0-G0
			III-M-HS	2332	99	B0-U0-G1	2433	103	B0-U0-G1	2535	107	B0-U0-G1	2636	112	B0-U0-G1		811	45	B0-U0-G0
			III-W-HS	2282	97	B0-U0-G1	2382	101	B0-U0-G1	2481	105	B0-U0-G1	2580	109	B0-U0-G1		794	44	B0-U0-G1
			IV-HS	2409	102	B0-U0-G1	2513	106	B0-U0-G1	2618	111	B0-U0-G1	2722	115	B0-U0-G1		838	46	B0-U0-G0
			IV-FT-HS	2277	96	B0-U0-G1	2376	101	B0-U0-G1	2475	105	B0-U0-G1	2574	109	B0-U0-G1		792	44	B0-U0-G1
			II	4481	126	B1-U0-G1	4676	132	B1-U0-G1	4871	137	B1-U0-G1	5066	143	B1-U0-G1	27.3	1266	46	B1-U0-G0
			II-FR	4511	127	B1-U0-G1	4707	133	B1-U0-G1	4904	138	B1-U0-G1	5100	144	B1-U0-G1		1275	47	B1-U0-G0
			III-M	4560	128	B1-U0-G1	4758	134	B1-U0-G1	4956	140	B1-U0-G1	5154	145	B1-U0-G1		1288	47	B0-U0-G0
			III-W	4234	119	B1-U0-G2	4418	124	B1-U0-G2	4602	130	B1-U0-G2	4786	135	B1-U0-G2		1196	44	B0-U0-G1
			IV	4525	127	B1-U0-G1	4722	133	B1-U0-G1	4919	139	B1-U0-G1	5116	144	B1-U0-G1		1279	47	B0-U0-G1
			IV-FT	4123	116	B1-U0-G2	4302	121	B1-U0-G2	4481	126	B1-U0-G2	4660	131	B1-U0-G2		1165	43	B0-U0-G1
			VSQ-N	4730	133	B2-U0-G1	4935	139	B2-U0-G1	5141	145	B2-U0-G1	5347	151	B2-U0-G1		1337	49	B1-U0-G0
			VSQ-M	4638	131	B3-U0-G1	4839	136	B3-U0-G1	5041	142	B3-U0-G1	5243	148	B3-U0-G1		1311	48	B1-U0-G0
			VSQ-W	4528	128	B3-U0-G2	4725	133	B3-U0-G2	4921	139	B3-U0-G2	5118	144	B3-U0-G2		1279	47	B1-U0-G1
			II-HS	3278	92	B0-U0-G1	3420	96	B0-U0-G1	3563	100	B0-U0-G1	3705	104	B0-U0-G1		926	34	B0-U0-G0
			II-FR-HS	3334	94	B0-U0-G1	3479	98	B0-U0-G1	3624	102	B0-U0-G1	3768	106	B0-U0-G1		942	35	B0-U0-G0
			III-M-HS	3316	93	B0-U0-G1	3460	97	B0-U0-G1	3604	102	B0-U0-G1	3748	106	B0-U0-G1		937	34	B0-U0-G0
			III-W-HS	3246	91	B0-U0-G1	3387	95	B0-U0-G1	3528	99	B0-U0-G1	3669	103	B0-U0-G2		917	34	B0-U0-G1
			IV-HS	3425	96	B0-U0-G1	3574	101	B0-U0-G1	3722	105	B0-U0-G1	3871	109	B0-U0-G1		968	35	B0-U0-G0
			IV-FT-HS	3237	91	B0-U0-G2	3377	95	B0-U0-G2	3518	99	B0-U0-G2	3659	103	B0-U0-G2		915	34	B0-U0-G1
			II	5637	120	B1-U0-G1	5882	125	B2-U0-G1	6127	130	B2-U0-G1	6372	136	B2-U0-G2	N/A	N/A		
			II-FR	5674	121	B2-U0-G1	5921	126	B2-U0-G1	6168	131	B2-U0-G1	6414	136	B2-U0-G1				
			III-M	5735	122	B1-U0-G2	5984	127	B1-U0-G2	6234	133	B2-U0-G2	6483	138	B2-U0-G2				
			III-W	5325	113	B1-U0-G2	5556	118	B1-U0-G2	5788	123	B1-U0-G2	6019	128	B1-U0-G2				
			IV	5692	121	B1-U0-G1	5939	126	B1-U0-G2	6187	132	B2-U0-G2	6435	137	B2-U0-G2				
			IV-FT	5185	110	B1-U0-G2	5410	115	B1-U0-G2	5636	120	B1-U0-G2	5861	125	B1-U0-G2				
			VSQ-N	5949	127	B2-U0-G1	6208	132	B2-U0-G1	6466	138	B2-U0-G1	6725	143	B2-U0-G1				
			VSQ-M	5834	124	B3-U0-G1	6088	130	B3-U0-G1	6341	135	B3-U0-G1	6595	140	B3-U0-G1				
			VSQ-W	5694	121	B3-U0-G2	5942	126	B3-U0-G2	6189	132	B3-U0-G2	6437	137	B3-U0-G2				
			II-HS	4122	88	B0-U0-G1	4302	92	B0-U0-G1	4481	95	B0-U0-G1	4660	99	B1-U0-G1				
			II-FR-HS	4193	89	B0-U0-G1	4376	93	B0-U0-G1	4558	97	B0-U0-G1	4740	101	B0-U0-G1				
			III-M-HS	4170	89	B0-U0-G1	4351	93	B0-U0-G2	4533	96	B0-U0-G2	4714	100	B0-U0-G2				
			III-W-HS	4082	87	B0-U0-G2	4259	91	B0-U0-G2	4437	94	B0-U0-G2	4614	98	B0-U0-G2				
			IV-HS	4308	92	B0-U0-G1	4495	96	B0-U0-G1	4682	100	B0-U0-G2	4869	104	B0-U0-G2				
			IV-FT-HS	4071	87	B0-U0-G2	4248	90	B0-U0-G2	4425	94	B0-U0-G2	4602	98	B0-U0-G2				
			II	6639	114	B2-U0-G2	6928	119	B2-U0-G2	7216	124	B2-U0-G2	7505	129	B2-U0-G2	N/A	N/A		
			II-FR	6683	114	B2-U0-G1	6974	119	B2-U0-G1	7264	124	B2-U0-G1	7555	129	B2-U0-G1				
			III-M	6755	116	B2-U0-G2	7048	121	B2-U0-G2	7342	126	B2-U0-G2	7636	131	B2-U0-G2				
			III-W	6272	107	B1-U0-G2	6545	112	B1-U0-G2	6817	117	B1-U0-G2	7090	121	B1-U0-G2				
			IV	6704	115	B2-U0-G2	6996	120	B2-U0-G2	7287	125	B2-U0-G2	7579	130	B2-U0-G2				
			IV-FT	6107	105	B1-U0-G2	6373	109	B1-U0-G2	6638	114	B1-U0-G2	6904	118	B1-U0-G2				
			VSQ-N	7007	120	B2-U0-G1	7312	125	B2-U0-G1	7617	130	B2-U0-G1	7921	136	B3-U0-G1				
			VSQ-M	6871	118	B3-U0-G1	7170	123	B3-U0-G1	7469	128	B3-U0-G1	7767	133	B3-U0-G2				
			VSQ-W	6707	115	B3-U0-G2	6999	120	B3-U0-G2	7290	125	B3-U0-G2	7582	130	B3-U0-G2				
			II-HS	4855	83	B1-U0-G2	5066	87	B1-U0-G2	5278	90	B1-U0-G2	5489	94	B1-U0-G2				
			II-FR-HS	4939	85	B0-U0-G1	5154	88	B0-U0-G1	5368	92	B0-U0-G1	5583	96	B0-U0-G1				
			III-M-HS	4912	84	B0-U0-G2	5126	88	B0-U0-G2	5339	91	B0-U0-G2	5553	95	B0-U0-G2				
			III-W-HS	4808	82	B0-U0-G2	5017	86	B0-U0-G2	5226	89	B0-U0-G2	5436	93	B0-U0-G2				
			IV-HS	5074	87	B0-U0-G2	5295	91	B0-U0-G2	5515	94	B0-U0-G2	5735	98	B0-U0-G2				
			IV-FT-HS	4795	82	B0-U0-G2	5003	86	B0-U0-G2	5212	89	B0-U0-G2	5420	93	B0-U0-G2				

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (DS6-PLED)

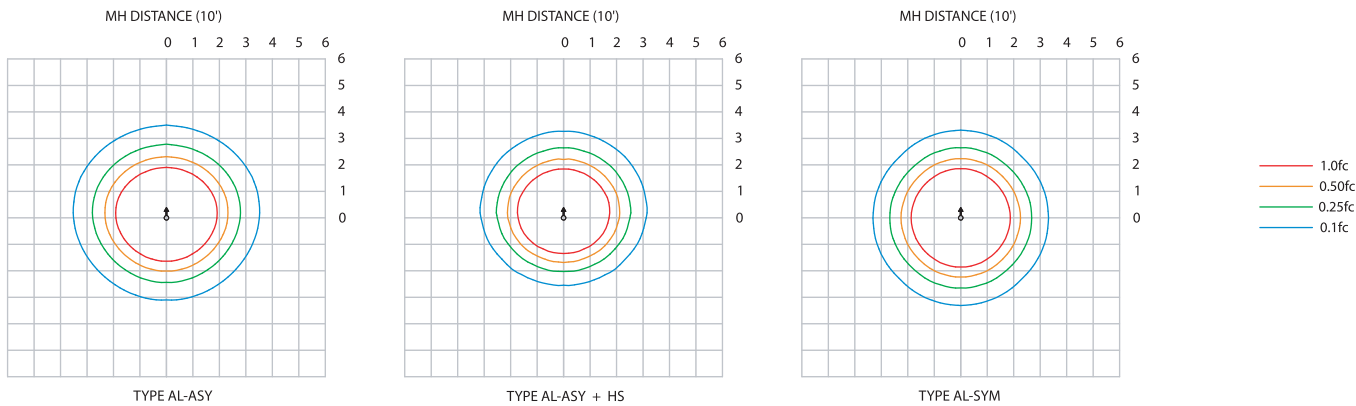
DS6-PLED																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
36	350	41.3	II	5529	134	B1-U0-G1	5769	140	B2-U0-G1	6010	146	B2-U0-G1	6250	151	B2-U0-G1	31.8	1923	60	B1-U0-G1
			II-FR	5567	135	B1-U0-G1	5809	141	B2-U0-G1	6051	147	B2-U0-G1	6293	152	B2-U0-G1		1936	61	B1-U0-G0
			III-M	5626	136	B1-U0-G1	5871	142	B1-U0-G2	6115	148	B1-U0-G2	6360	154	B2-U0-G2		1957	62	B1-U0-G1
			III-W	5224	126	B1-U0-G2	5451	132	B1-U0-G2	5678	137	B1-U0-G2	5905	143	B1-U0-G2		1817	57	B1-U0-G1
			IV	5584	135	B1-U0-G1	5826	141	B1-U0-G1	6069	147	B2-U0-G2	6312	153	B2-U0-G2		1942	61	B1-U0-G1
			IV-FT	5086	123	B1-U0-G2	5307	129	B1-U0-G2	5529	134	B1-U0-G2	5750	139	B1-U0-G2		1769	56	B1-U0-G1
			VSQ-N	5837	141	B2-U0-G1	6091	147	B2-U0-G1	6344	154	B2-U0-G1	6598	160	B2-U0-G1		2030	64	B1-U0-G0
			VSQ-M	5723	139	B3-U0-G1	5972	145	B3-U0-G1	6221	151	B3-U0-G1	6469	157	B3-U0-G1		1991	63	B1-U0-G0
			VSQ-W	5586	135	B3-U0-G2	5829	141	B3-U0-G2	6072	147	B3-U0-G2	6315	153	B3-U0-G2		1943	61	B2-U0-G1
			II-HS	4044	98	B0-U0-G1	4220	102	B0-U0-G1	4395	106	B0-U0-G1	4571	111	B1-U0-G1		1407	44	B0-U0-G0
			II-FR-HS	4114	100	B0-U0-G1	4293	104	B0-U0-G1	4471	108	B0-U0-G1	4650	113	B0-U0-G1		1431	45	B0-U0-G0
			III-M-HS	4091	99	B0-U0-G1	4269	103	B0-U0-G2	4447	108	B0-U0-G2	4624	112	B0-U0-G2		1423	45	B0-U0-G0
			III-W-HS	4005	97	B0-U0-G2	4178	101	B0-U0-G2	4353	105	B0-U0-G2	4527	110	B0-U0-G2		1393	44	B0-U0-G1
			IV-HS	4225	102	B0-U0-G1	4409	107	B0-U0-G1	4592	111	B0-U0-G1	4776	116	B0-U0-G2		1470	46	B0-U0-G0
			IV-FT-HS	3994	97	B0-U0-G2	4167	101	B0-U0-G2	4341	105	B0-U0-G2	4515	109	B0-U0-G2		1389	44	B0-U0-G1
36	525	62.0	II	7862	127	B2-U0-G2	8204	132	B2-U0-G2	8545	138	B2-U0-G2	8887	143	B2-U0-G2	47.7	2222	47	B1-U0-G1
			II-FR	7915	128	B2-U0-G1	8259	133	B2-U0-G1	8603	139	B2-U0-G1	8947	144	B2-U0-G1		2237	47	B1-U0-G0
			III-M	7999	129	B2-U0-G2	8347	135	B2-U0-G2	8695	140	B2-U0-G2	9043	146	B2-U0-G2		2261	47	B1-U0-G1
			III-W	7428	120	B1-U0-G2	7751	125	B1-U0-G2	8074	130	B2-U0-G2	8397	135	B2-U0-G2		2099	44	B1-U0-G1
			IV	7939	128	B2-U0-G2	8284	134	B2-U0-G2	8630	139	B2-U0-G2	8975	145	B2-U0-G2		2244	47	B1-U0-G1
			IV-FT	7232	117	B2-U0-G2	7547	122	B2-U0-G2	7861	127	B2-U0-G2	8176	132	B2-U0-G2		2044	43	B1-U0-G1
			VSQ-N	8297	134	B3-U0-G1	8658	140	B3-U0-G1	9019	145	B3-U0-G1	9380	151	B3-U0-G1		2345	49	B1-U0-G0
			VSQ-M	8137	131	B3-U0-G2	8491	137	B3-U0-G2	8844	143	B3-U0-G2	9198	148	B3-U0-G2		2299	48	B2-U0-G1
			VSQ-W	7943	128	B3-U0-G2	8289	134	B3-U0-G2	8634	139	B4-U0-G2	8980	145	B4-U0-G2		2245	47	B2-U0-G1
			II-HS	5750	93	B1-U0-G2	6000	97	B1-U0-G2	6250	101	B1-U0-G2	6500	105	B1-U0-G2		1625	34	B0-U0-G0
			II-FR-HS	5849	94	B1-U0-G1	6103	98	B1-U0-G1	6357	103	B1-U0-G1	6611	107	B1-U0-G1		1653	35	B0-U0-G0
			III-M-HS	5817	94	B0-U0-G2	6069	98	B0-U0-G2	6322	102	B0-U0-G2	6575	106	B0-U0-G2		1644	34	B0-U0-G1
			III-W-HS	5694	92	B0-U0-G2	5941	96	B0-U0-G2	6189	100	B0-U0-G2	6436	104	B0-U0-G2		1609	34	B0-U0-G1
			IV-HS	6008	97	B0-U0-G2	6269	101	B0-U0-G2	6530	105	B0-U0-G2	6791	110	B0-U0-G2		1698	36	B0-U0-G1
			IV-FT-HS	5678	92	B0-U0-G2	5925	96	B0-U0-G2	6172	100	B0-U0-G2	6419	104	B0-U0-G2		1605	34	B0-U0-G1
36	700	82.6	II	9889	120	B2-U0-G2	10319	125	B2-U0-G2	10749	130	B2-U0-G2	11179	135	B2-U0-G2	N/A	N/A		
			II-FR	9955	121	B2-U0-G1	10388	126	B2-U0-G1	10820	131	B2-U0-G1	11253	136	B3-U0-G1				
			III-M	10061	122	B2-U0-G2	10499	127	B2-U0-G2	10936	132	B2-U0-G2	11374	138	B2-U0-G2				
			III-W	9342	113	B2-U0-G3	9748	118	B2-U0-G3	10154	123	B2-U0-G3	10560	128	B2-U0-G3				
			IV	9986	121	B2-U0-G2	10420	126	B2-U0-G2	10854	131	B2-U0-G2	11289	137	B2-U0-G2				
			IV-FT	9096	110	B2-U0-G3	9492	115	B2-U0-G3	9887	120	B2-U0-G3	10283	124	B2-U0-G3				
			VSQ-N	10437	126	B3-U0-G1	10890	132	B3-U0-G1	11344	137	B3-U0-G1	11798	143	B3-U0-G1				
			VSQ-M	10235	124	B3-U0-G2	10680	129	B4-U0-G2	11125	135	B4-U0-G2	11570	140	B4-U0-G2				
			VSQ-W	9990	121	B4-U0-G3	10425	126	B4-U0-G3	10859	131	B4-U0-G3	11294	137	B4-U0-G3				
			II-HS	7232	88	B1-U0-G2	7547	91	B1-U0-G2	7861	95	B1-U0-G2	8175	99	B1-U0-G2				
			II-FR-HS	7356	89	B1-U0-G1	7676	93	B1-U0-G1	7996	97	B1-U0-G1	8315	101	B1-U0-G1				
			III-M-HS	7316	89	B0-U0-G2	7634	92	B1-U0-G2	7952	96	B1-U0-G2	8270	100	B1-U0-G2				
			III-W-HS	7161	87	B0-U0-G2	7472	90	B0-U0-G2	7784	94	B0-U0-G2	8095	98	B1-U0-G2				
			IV-HS	7557	91	B1-U0-G2	7886	95	B1-U0-G2	8214	99	B1-U0-G2	8542	103	B1-U0-G2				
			IV-FT-HS	7142	86	B1-U0-G3	7453	90	B1-U0-G3	7763	94	B1-U0-G3	8074	98	B1-U0-G3				

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS (DS6-PLED-AL)

DS6-PLED-AL-36LED-525mA-40K - 10' Mounting Height



PHOTOMETRIC DATA GUIDE - LUMEN TABLES (DS6-PLED-AL)

DS6-PLED-AL																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
36	175	20.6	ASY	2243	109	B1-U0-G1	2340	114	B1-U0-G1	2438	118	B1-U0-G1	2536	123	B1-U0-G1	15.9	878	55	B0-U0-G0
			SYM	2245	109	B1-U0-G1	2343	114	B1-U0-G1	2441	118	B1-U0-G1	2538	123	B1-U0-G1		879	55	B1-U0-G0
			ASY-HS	1605	78	B1-U0-G1	1675	81	B1-U0-G1	1745	85	B1-U0-G1	1814	88	B1-U0-G1		628	40	B0-U0-G0
36	350	41.3	ASY	4232	102	B2-U0-G1	4416	107	B2-U0-G1	4600	111	B2-U0-G1	4784	116	B2-U0-G1	31.8	1472	46	B1-U0-G1
			SYM	4237	103	B2-U0-G1	4421	107	B2-U0-G1	4605	112	B2-U0-G1	4789	116	B2-U0-G1		1473	46	B1-U0-G0
			ASY-HS	3028	73	B1-U0-G1	3160	77	B1-U0-G1	3292	80	B1-U0-G1	3423	83	B1-U0-G1		1053	33	B1-U0-G0
36	525	62.0	ASY	6018	97	B2-U0-G1	6280	101	B2-U0-G2	6541	106	B2-U0-G2	6803	110	B2-U0-G2	47.7	1701	36	B1-U0-G1
			SYM	6024	97	B2-U0-G1	6286	101	B2-U0-G1	6548	106	B2-U0-G1	6810	110	B2-U0-G1		1703	36	B1-U0-G0
			ASY-HS	4306	69	B1-U0-G1	4493	72	B1-U0-G1	4681	75	B2-U0-G1	4868	79	B2-U0-G1		1217	26	B1-U0-G0
36	700	82.6	ASY	7571	92	B2-U0-G2	7900	96	B2-U0-G2	8229	100	B3-U0-G2	8559	104	B3-U0-G2	N/A	N/A		
			SYM	7579	92	B3-U0-G1	7909	96	B3-U0-G1	8238	100	B3-U0-G1	8568	104	B3-U0-G1				
			ASY-HS	5418	66	B2-U0-G1	5653	68	B2-U0-G1	5889	71	B2-U0-G1	6124	74	B2-U0-G1				

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

Small Neoclassical, Domed Bell Luminaire

Features

The NEW Deziner Series is a flexible, configurable pedestrian scale decorative pendant luminaire with an 6.7" diameter upper housing of 0.125" thick formed aluminum with a large assortment of spun aluminum shades and ornamental options. Each lower housing is comprised of a 0.080" thick spun aluminum reflector with an integrated LED module seat, thermal management for long LED life and a thermally isolated solid state power supply chamber. Trulevel™ ball coupling.

PLED™ Optics

Emitters (LED's) are arrayed on a metal core PCB panel with each emitter located on a copper thermal transfer pad and enclosed by an LED refractor. LED optics completely seal each individual emitter to meet an IP66 rating. In asymmetric distributions, a micro-reflector inside the refractor re-directs the house side emitter output towards the street side and functions as a house side shielding element. Refractors are injection molded H12 acrylic. Each LED refractor is sealed to the PCB over an emitter and all refractors are retained by an aluminum frame. Any one Panel, or group of Panels in a luminaire, have the same optical pattern. LED refractors produce standard site/area distributions. All optics are U0, Zero Uplight and are Dark Sky compliant. Panels are field replaceable and field rotatable in 90° increments.

LED Emitters

High Power White LED's are driven between 350mA and 875mA for a maximum output of 2.5 Watts nominal. LED's are available in standard Warm White (2700K & 3000K), Neutral White (4000K), or Cool White (5000K). All Standard LED's have a minimum of 70 CRI. Consult Factory for other LED options. Lumen Maintenance of L93 at 100,000 hours (TM-21 calculated at 6x Test Time) for all LED options.

True Amber LED's TRA-True Amber LED's emit light in the amber spectral bandwidth centered on 585-590nm. True Amber has negligible blue light and is suitable for wildlife.

LED Driver

Constant current electronic with a power factor of >.90 and a minimum operating temperature of -40°F/-40°C. Driver(s) is/are UL and cUL recognized and mounted directly against the Electrical Housing to facilitate thermal transfer, held down by universal clamps to facilitate easy removal. In-line terminal blocks facilitate wiring between the driver and optical arrays. Drivers accept an input of 120-277V (UNV), 50/60Hz or 347V & 480V, 50,60Hz. 0 - 10V dimmable driver is standard. Driver has a minimum of 3KV internal surge protection. Luminaire supplied with 20KV surge protector for field accessible installation.)

Finish

Super TGIC polyester powder coating is applied onto a metal substrate this has been pretreated with a four-stage process for maximum adhesion and color retention. The top coat is baked at 400° F for maximum hardness and exterior durability.

PROJECT NAME: _____

PROJECT TYPE: _____



DS6A
Angled



DS6C
Concave/Flared



DS6D
Deep Bell



DS6S
Skirted













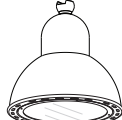



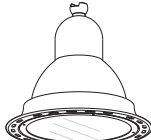





DS6T
Tiered

The smallest models within the Deziner Series, offer 5 customizable styles available with optional Ambience™ Low Luminance Lens and unlit Bands.

DEZİNER SERIES 6 - PLED SMALL

PRODUCT CONFIGURATIONS










EPA & WEIGHT








Base Model	w/ unlit Bands	w/ Ambience™ Low Luminance Lens	w/ unlit Bands & Ambience™ Low Luminance Lens
 <p>DS6A Max Weight = 17 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6AB Max Weight = 18 lbs Max EPA = 0.63 36 LED Max</p>	 <p>DS6A-AL Max Weight = 17 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6AB-AL Max Weight = 18 lbs Max EPA = 0.63 36 LED Max</p>
 <p>DS6C Max Weight = 17 lbs Max EPA = 0.54 36 LED Max</p>	 <p>DS6CB Max Weight = 18 lbs Max EPA = 0.59 36 LED Max</p>	 <p>DS6C-AL Max Weight = 17 lbs Max EPA = 0.54 36 LED Max</p>	 <p>DS6CB-AL Max Weight = 18 lbs Max EPA = 0.59 36 LED Max</p>
 <p>DS6D Max Weight = 18 lbs Max EPA = 0.74 36 LED Max</p>	 <p>DS6DB Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>	 <p>DS6D-AL Max Weight = 18 lbs Max EPA = 0.74 36 LED Max</p>	 <p>DS6DB-AL Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>
 <p>DS6S Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>	 <p>DS6SB Max Weight = 20lbs Max EPA = 0.84 36 LED Max</p>	 <p>DS6S-AL Max Weight = 19 lbs Max EPA = 0.79 36 LED Max</p>	 <p>DS6SB-AL Max Weight = 20lbs Max EPA = 0.84 36 LED Max</p>
 <p>DS6T Max Weight = 16 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6TB Max Weight = 17 lbs Max EPA = 0.63 36 LED Max</p>	 <p>DS6T-AL Max Weight = 16 lbs Max EPA = 0.58 36 LED Max</p>	 <p>DS6TB-AL Max Weight = 17 lbs Max EPA = 0.63 36 LED Max</p>

DEZİNER SERIES 6 - PLED SMALL

ORDERING INFORMATION

Spec/Order Example: DS6CB/AL-ASY/36LED-700mA/30K/UNV/CM+L/RAL-8019-T/DF

Luminaire	Shade		Optics		# of LEDs	Drive Current	Color Temp - CCT	Voltage	
Luminaire	Shade		Optics		LED			Voltage	
<input type="checkbox"/> DS6	<input type="checkbox"/> Angled	A	<input type="checkbox"/> PLED-II		<input type="checkbox"/> 36LED	<input type="checkbox"/> 875mA ¹	<input type="checkbox"/> 27K (2700K)	<input type="checkbox"/> UNV (120-277)	
	<input type="checkbox"/> Angled w/ unlit Bands	AB	<input type="checkbox"/> PLED-II-FR		<input type="checkbox"/> 20LED	<input type="checkbox"/> 700mA	<input type="checkbox"/> 30K (3000K)	<input type="checkbox"/> 347	
	<input type="checkbox"/> Concave/Flared	C	<input type="checkbox"/> PLED-III			<input type="checkbox"/> 525mA	<input type="checkbox"/> 40K (4000K)	<input type="checkbox"/> 480	
	<input type="checkbox"/> Concave/Flared w/ unlit Bands	CB	<input type="checkbox"/> PLED-III-W			<input type="checkbox"/> 350mA	<input type="checkbox"/> 50K (5000K)		
	<input type="checkbox"/> Deep Bell	D	<input type="checkbox"/> PLED-IV				<input type="checkbox"/> TRA ² True Amber		
	<input type="checkbox"/> Deep Bell w/ unlit Bands	DB	<input type="checkbox"/> PLED-IV-FT						
	<input type="checkbox"/> Hooded	H	<input type="checkbox"/> PLED-V-SQ-N						
	<input type="checkbox"/> Hooded w/ unlit Bands	HB	<input type="checkbox"/> PLED-V-SQ-M						
	<input type="checkbox"/> Skirted	S	<input type="checkbox"/> PLED-V-SQ-W						
	<input type="checkbox"/> Skirted w/ unlit Bands	SB							
	<input type="checkbox"/> Tiered	T							
	<input type="checkbox"/> Tiered w/ unlit Bands	TB							
		Ambience™ Lens Option:		NOTES:					
		<input type="checkbox"/> AL-ASY		1 - 875mA not available with 36LED, available with 20LED only					
		<input type="checkbox"/> AL-ASY-HS		2 - TRA available in 350mA & 525mA Drive Currents only					
		<input type="checkbox"/> AL-SYM		Consult factory for other CCT, CRI, & Drive Current options					

Mounting	Finish	Options
Mounting	Finish	Options
Arm Mount <input type="checkbox"/> 1  <input type="checkbox"/> 2-180  <input type="checkbox"/> 2-90  <input type="checkbox"/> 3-90  <input type="checkbox"/> 3-120  <input type="checkbox"/> 4-90  Wall Mount <input type="checkbox"/> WM  WM - Wall Mount provided with mounting bracket and cover.	Standard Textured Finish <input type="checkbox"/> Black RAL-9005-T <input type="checkbox"/> White RAL-9003-T <input type="checkbox"/> Grey RAL-7004-T <input type="checkbox"/> Dark Bronze RAL-8019-T <input type="checkbox"/> Green RAL-6005-T Premium Finishes <input type="checkbox"/> Rust <input type="checkbox"/> Patina Copper PC For smooth finish replace suffix "T" with suffix "S" (Example: RAL-9500-S) Consult factor for custom colors	<input type="checkbox"/> Internal House Side Shield incl. LED Count (Example: HS-PLED/48) HS-PLED <input type="checkbox"/> Twist Lock Receptable Only TPR <input type="checkbox"/> 7-Pin Twist Lock Receptable Only TPR7 <input type="checkbox"/> High-Low Dimming for Switch by Others/Select Levels 50/100 or 25/100 (Example: HLSW/25) HLSW <input type="checkbox"/> Twist Lock Photocell + Voltage (Example: TPC347V) TPC+V <input type="checkbox"/> Photocell + Voltage (Example: PC120V) PC+V <input type="checkbox"/> Single Fuse (Example: DF277V) SF+V <input type="checkbox"/> Double Fuse (Example: DF240V) DF+V <input type="checkbox"/> Blue-Tooth Programmable Photo/Motion Sensor (Factory - Motion 50/100; Photo 75fc) MS-F311
Pendant Mount <input type="checkbox"/> Stem Mount + Length(in) (48" Max) SM+L <input type="checkbox"/> Chain Mount + Length(in) (48" Max) CM+L <input type="checkbox"/> Cable Clamp J-Box CCB <input type="checkbox"/> Cross Cable Clamp J-Box CCC		

DEZİNER SERIES 6 - PLED SMALL

SAMPLE ASSEMBLIES

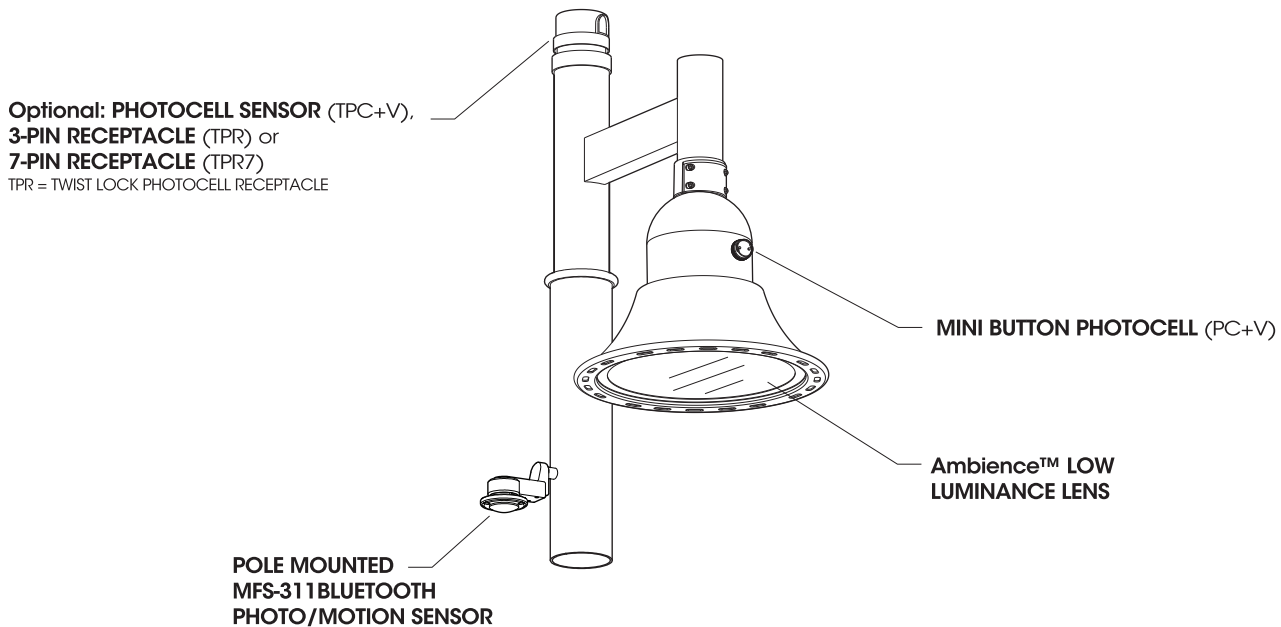


- A. 24-1040-9' / XALM-1 / DS6DB-AL / LED / ACCESSORIES / FINISH
- B. 17-1030C-13'4" / XPDM-2-180 / DS6S / LED / ACCESSORIES / FINISH
- C. 1M-106O-9' / XPCM-1 / DS6C-AL / LED / ACCESSORIES / FINISH
- D. 25-1035T-11' / XASM-2-180 / DS6TB / LED / ACCESSORIES / FINISH
- E. WM-XPKM / DS6A-AL / LED / ACCESSORIES / FINISH

Sample Assemblies show a small offering of the Sun Valley Line of Poles, Bases, Shafts, Arms, & Luminares. Please visit usalftg.com for the full product offering.

DEZİNER SERIES 6 - PLED SMALL

OPTIONS



Factory Settings:
No Motion - 50%
Motion - 100%
Delay - 15 min.
Photocell - 75fc

Sensors can be Field
Programmed With
Bluetooth App

High Low Dimming For Switches (HLSW)

The HLSW is a Small Electronic Switch which Provides High Low Dimming Control Through the LED Driver's 0-10V Control. Switching is Done by Adding a Secondary AC Switched Hot Trigger Line to the HLSW in Addition to the Normal AC Power Line. When the Secondary Trigger Line is Powered, the Fixture will go to 100% Dimming. With no Power to the Trigger, the Fixture will operate at 50% or 25% Dimming. Switches for the Trigger Line can be a Normal AC Switch/Breaker or Timed Switch/Breaker.

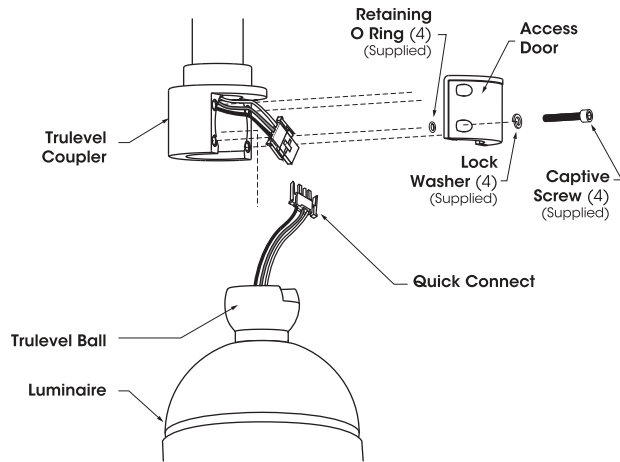
Wireless and Other Fixture Controls

Contact Factory for Wireless and Other Fixture Controls and Recommendations. Most Controls Can be Integrated and Factory Installed.

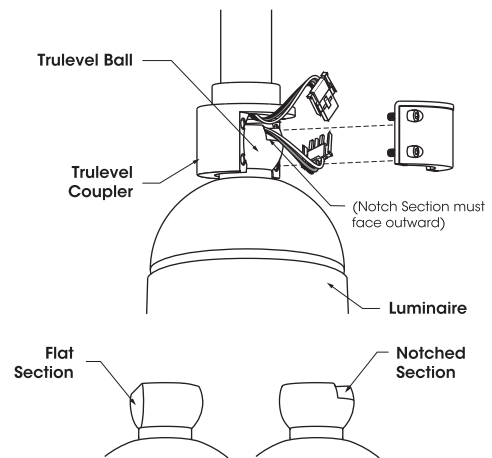
DEZİNER SERIES 6 - PLED SMALL

INSTALLATION DETAIL

Trulevel System® Assembly



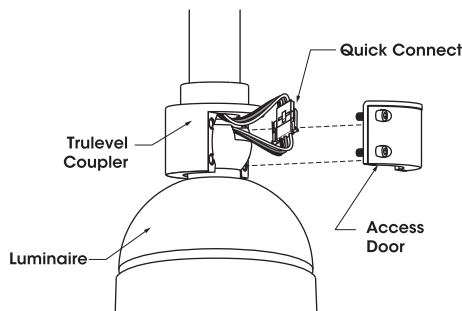
1. Loosen (4) Captive Screws and remove Access Door from Trulevel Coupler, pull out Quick Connect from Trulevel Coupler and Trulevel Ball.



2. Place Trulevel Ball inside of Trulevel Coupler as illustrated.

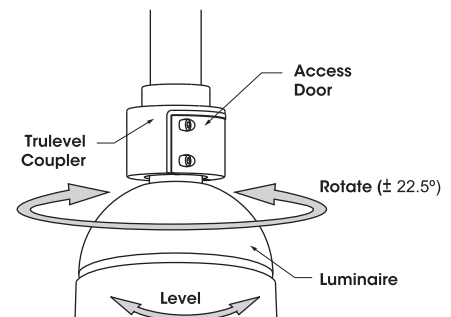
A - Notched Section of Trulevel Ball must face outward as illustrated.

B - Flat Section of Trulevel Ball must face inward.



3. Connect Quick Connect components, push components inside of Trulevel Coupler cavity, replace Access Door and loosely secure, do not tighten.

Fixture will suspend without Access Door during installation.



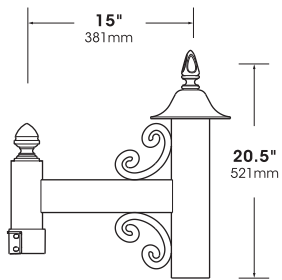
4. Rotate (left to right $\pm 22.5^\circ$) and level Luminaire to desired position. Tighten Access Door.

(Tighten each bolt to recommended torque: **10 ft-lb, foot-pound**)

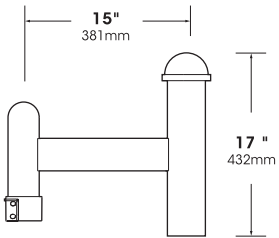
Trulevel Pendant Mount is intended to allow for fixture leveling, but is not intended to be "free-swinging" upon proper installation.

DEZİNER SERIES 6 - PLED SMALL

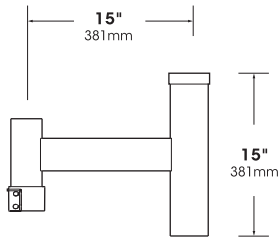
ARMS



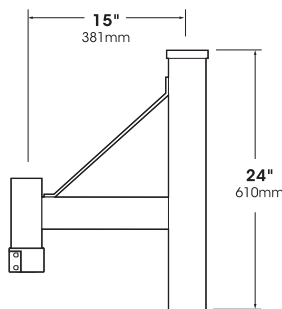
XAJM-PM



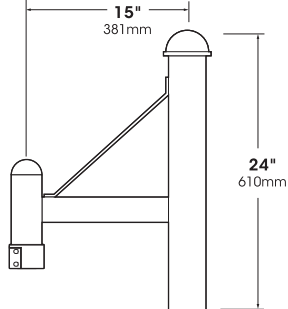
XALM-PM



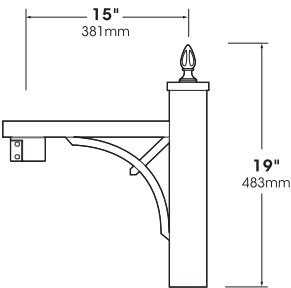
XAOM-PM



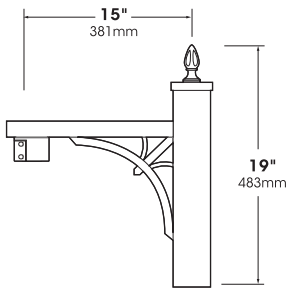
XASM-1



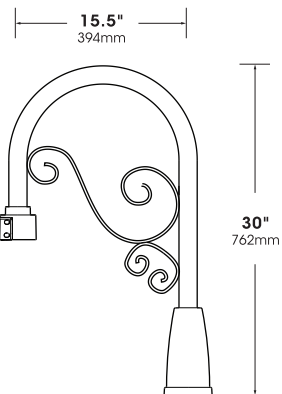
XBSM-1



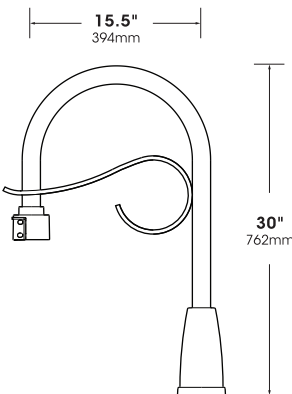
XCNAM-1



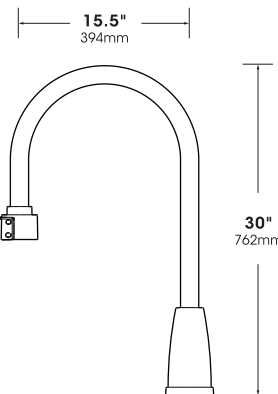
XCNBM-1



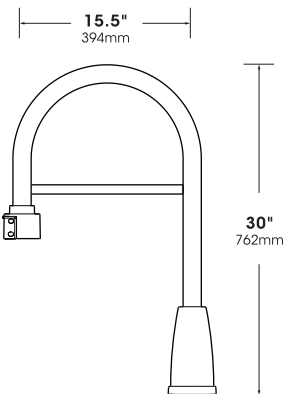
XPCM



XPDM



XPKM



XPSM

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - LM-80 LUMEN MAINTENANCE

LED LUMEN MAINTENANCE (350mA to 700mA)		
LED Life / Operating Hours	Lumen Depreciation	Lumen Depreciation Scale Factor
60,000	L96	0.96x
100,000 (6X LED Test Hrs)	L93	0.93x
150,000 (Theoretical)	L89	0.90x
200,000 (Theoretical)	L86	0.87x

TM-21 6x Test Time Dicates that L93 > 100,000 Hours.
Lumen Depreciation Calculations Done in Accordance With IESNA TM-21 & LM-80 (25°C Ambient)

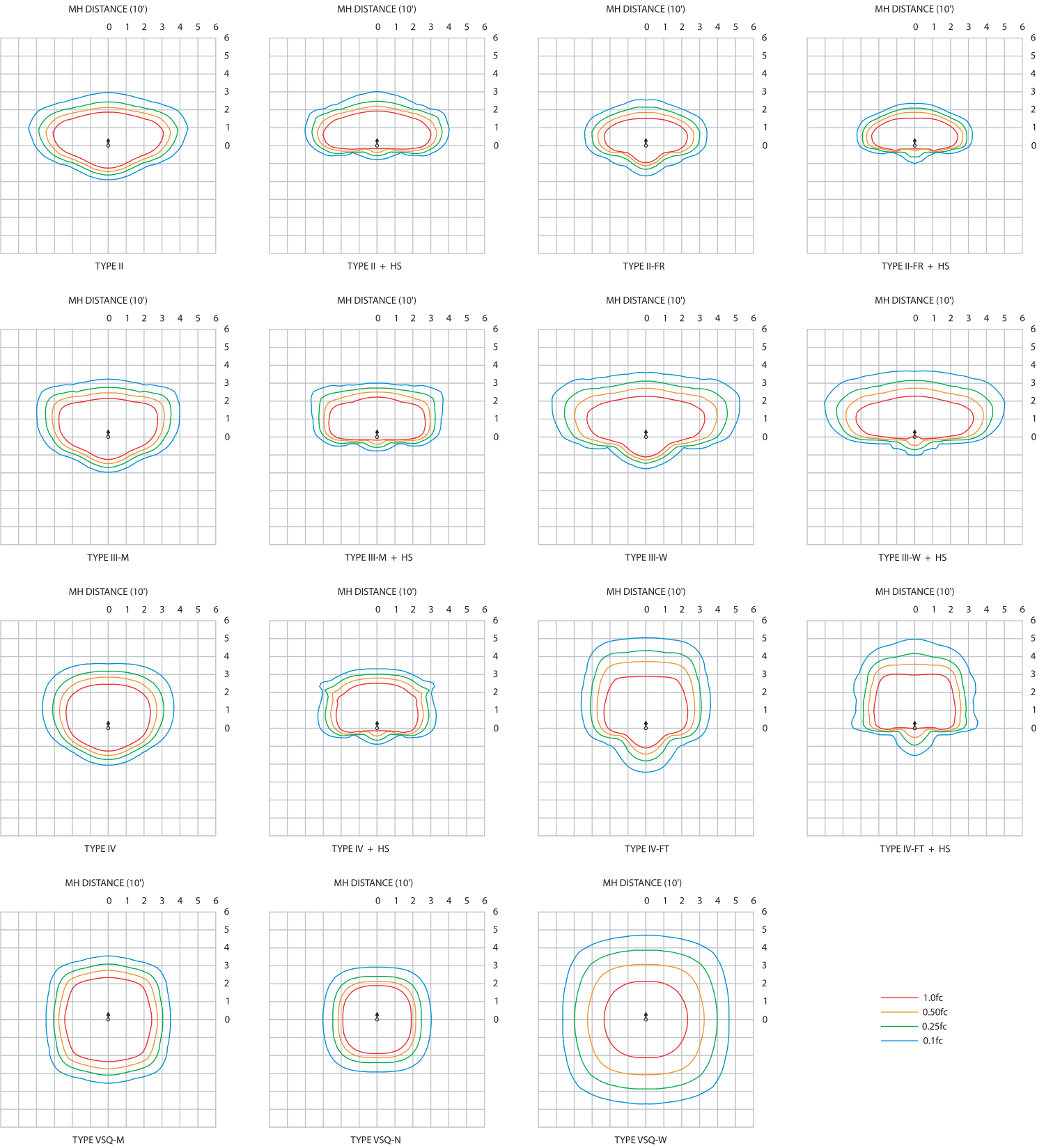
ELECTRICAL DATA GUIDE - AMPERAGE CHART

# of LEDs	mA	System Watts	120V	208V	277V	347V	480V
20	350	23.6	0.20	0.11	0.09	0.07	0.05
20	525	35.5	0.30	0.17	0.13	0.10	0.07
20	700	47.0	0.39	0.23	0.17	0.14	0.10
20	875	58.4	0.49	0.28	0.21	0.17	0.12
36	350	41.3	0.34	0.20	0.15	0.12	0.09
36	525	62.0	0.52	0.30	0.22	0.18	0.13
36	700	82.6	0.69	0.40	0.30	0.24	0.17
36	875	103.2	0.86	0.50	0.37	0.30	0.22

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS (DS6-PLED)

DS6A-PLED-20LED-700mA-40K - 10' Mounting Height



IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (DS6-PLED)

DS6-PLED																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
20	350	23.6	II	3152	134	B1-U0-G1	3288	139	B1-U0-G1	3426	145	B1-U0-G1	3563	151	B1-U0-G1	18.2	1096	60	B0-U0-G0
			II-FR	3173	134	B1-U0-G1	3311	140	B1-U0-G1	3449	146	B1-U0-G1	3587	152	B1-U0-G1		1104	61	B0-U0-G0
			III-M	3207	136	B1-U0-G1	3346	142	B1-U0-G1	3486	148	B1-U0-G1	3625	154	B1-U0-G1		1115	61	B0-U0-G0
			III-W	2978	126	B1-U0-G1	3107	132	B1-U0-G1	3237	137	B1-U0-G1	3366	143	B1-U0-G1		1036	57	B0-U0-G1
			IV	3183	135	B1-U0-G1	3321	141	B1-U0-G1	3459	147	B1-U0-G1	3598	152	B1-U0-G1		1107	61	B0-U0-G0
			IV-FT	2899	123	B1-U0-G1	3025	128	B1-U0-G1	3151	134	B1-U0-G1	3277	139	B1-U0-G1		1008	55	B0-U0-G1
			VSQ-N	3327	141	B2-U0-G0	3472	147	B2-U0-G0	3616	153	B2-U0-G0	3761	159	B2-U0-G0		1157	64	B1-U0-G0
			VSQ-M	3262	138	B2-U0-G1	3404	144	B2-U0-G1	3546	150	B2-U0-G1	3688	156	B2-U0-G1		1135	62	B1-U0-G0
			VSQ-W	3184	135	B2-U0-G1	3322	141	B2-U0-G1	3461	147	B3-U0-G1	3600	153	B3-U0-G1		1108	61	B1-U0-G1
			II-HS	2305	98	B0-U0-G1	2405	102	B0-U0-G1	2505	106	B0-U0-G1	2606	110	B0-U0-G1		802	44	B0-U0-G0
			II-FR-HS	2345	99	B0-U0-G0	2447	104	B0-U0-G0	2549	108	B0-U0-G0	2651	112	B0-U0-G0		816	45	B0-U0-G0
			III-M-HS	2332	99	B0-U0-G1	2433	103	B0-U0-G1	2535	107	B0-U0-G1	2636	112	B0-U0-G1		811	45	B0-U0-G0
			III-W-HS	2282	97	B0-U0-G1	2382	101	B0-U0-G1	2481	105	B0-U0-G1	2580	109	B0-U0-G1		794	44	B0-U0-G1
			IV-HS	2409	102	B0-U0-G1	2513	106	B0-U0-G1	2618	111	B0-U0-G1	2722	115	B0-U0-G1		838	46	B0-U0-G0
			IV-FT-HS	2277	96	B0-U0-G1	2376	101	B0-U0-G1	2475	105	B0-U0-G1	2574	109	B0-U0-G1		792	44	B0-U0-G1
			II	4481	126	B1-U0-G1	4676	132	B1-U0-G1	4871	137	B1-U0-G1	5066	143	B1-U0-G1	27.3	1266	46	B1-U0-G0
			II-FR	4511	127	B1-U0-G1	4707	133	B1-U0-G1	4904	138	B1-U0-G1	5100	144	B1-U0-G1		1275	47	B1-U0-G0
			III-M	4560	128	B1-U0-G1	4758	134	B1-U0-G1	4956	140	B1-U0-G1	5154	145	B1-U0-G1		1288	47	B0-U0-G0
			III-W	4234	119	B1-U0-G2	4418	124	B1-U0-G2	4602	130	B1-U0-G2	4786	135	B1-U0-G2		1196	44	B0-U0-G1
			IV	4525	127	B1-U0-G1	4722	133	B1-U0-G1	4919	139	B1-U0-G1	5116	144	B1-U0-G1		1279	47	B0-U0-G1
			IV-FT	4123	116	B1-U0-G2	4302	121	B1-U0-G2	4481	126	B1-U0-G2	4660	131	B1-U0-G2		1165	43	B0-U0-G1
			VSQ-N	4730	133	B2-U0-G1	4935	139	B2-U0-G1	5141	145	B2-U0-G1	5347	151	B2-U0-G1		1337	49	B1-U0-G0
			VSQ-M	4638	131	B3-U0-G1	4839	136	B3-U0-G1	5041	142	B3-U0-G1	5243	148	B3-U0-G1		1311	48	B1-U0-G0
			VSQ-W	4528	128	B3-U0-G2	4725	133	B3-U0-G2	4921	139	B3-U0-G2	5118	144	B3-U0-G2		1279	47	B1-U0-G1
			II-HS	3278	92	B0-U0-G1	3420	96	B0-U0-G1	3563	100	B0-U0-G1	3705	104	B0-U0-G1		926	34	B0-U0-G0
			II-FR-HS	3334	94	B0-U0-G1	3479	98	B0-U0-G1	3624	102	B0-U0-G1	3768	106	B0-U0-G1		942	35	B0-U0-G0
			III-M-HS	3316	93	B0-U0-G1	3460	97	B0-U0-G1	3604	102	B0-U0-G1	3748	106	B0-U0-G1		937	34	B0-U0-G0
			III-W-HS	3246	91	B0-U0-G1	3387	95	B0-U0-G1	3528	99	B0-U0-G1	3669	103	B0-U0-G2		917	34	B0-U0-G1
			IV-HS	3425	96	B0-U0-G1	3574	101	B0-U0-G1	3722	105	B0-U0-G1	3871	109	B0-U0-G1		968	35	B0-U0-G0
			IV-FT-HS	3237	91	B0-U0-G2	3377	95	B0-U0-G2	3518	99	B0-U0-G2	3659	103	B0-U0-G2		915	34	B0-U0-G1
			II	5637	120	B1-U0-G1	5882	125	B2-U0-G1	6127	130	B2-U0-G1	6372	136	B2-U0-G2	N/A	N/A		
			II-FR	5674	121	B2-U0-G1	5921	126	B2-U0-G1	6168	131	B2-U0-G1	6414	136	B2-U0-G1				
			III-M	5735	122	B1-U0-G2	5984	127	B1-U0-G2	6234	133	B2-U0-G2	6483	138	B2-U0-G2				
			III-W	5325	113	B1-U0-G2	5556	118	B1-U0-G2	5788	123	B1-U0-G2	6019	128	B1-U0-G2				
			IV	5692	121	B1-U0-G1	5939	126	B1-U0-G2	6187	132	B2-U0-G2	6435	137	B2-U0-G2				
			IV-FT	5185	110	B1-U0-G2	5410	115	B1-U0-G2	5636	120	B1-U0-G2	5861	125	B1-U0-G2				
			VSQ-N	5949	127	B2-U0-G1	6208	132	B2-U0-G1	6466	138	B2-U0-G1	6725	143	B2-U0-G1				
			VSQ-M	5834	124	B3-U0-G1	6088	130	B3-U0-G1	6341	135	B3-U0-G1	6595	140	B3-U0-G1				
			VSQ-W	5694	121	B3-U0-G2	5942	126	B3-U0-G2	6189	132	B3-U0-G2	6437	137	B3-U0-G2				
			II-HS	4122	88	B0-U0-G1	4302	92	B0-U0-G1	4481	95	B0-U0-G1	4660	99	B1-U0-G1				
			II-FR-HS	4193	89	B0-U0-G1	4376	93	B0-U0-G1	4558	97	B0-U0-G1	4740	101	B0-U0-G1				
			III-M-HS	4170	89	B0-U0-G1	4351	93	B0-U0-G2	4533	96	B0-U0-G2	4714	100	B0-U0-G2				
			III-W-HS	4082	87	B0-U0-G2	4259	91	B0-U0-G2	4437	94	B0-U0-G2	4614	98	B0-U0-G2				
			IV-HS	4308	92	B0-U0-G1	4495	96	B0-U0-G1	4682	100	B0-U0-G2	4869	104	B0-U0-G2				
			IV-FT-HS	4071	87	B0-U0-G2	4248	90	B0-U0-G2	4425	94	B0-U0-G2	4602	98	B0-U0-G2				
			II	6639	114	B2-U0-G2	6928	119	B2-U0-G2	7216	124	B2-U0-G2	7505	129	B2-U0-G2	N/A	N/A		
			II-FR	6683	114	B2-U0-G1	6974	119	B2-U0-G1	7264	124	B2-U0-G1	7555	129	B2-U0-G1				
			III-M	6755	116	B2-U0-G2	7048	121	B2-U0-G2	7342	126	B2-U0-G2	7636	131	B2-U0-G2				
			III-W	6272	107	B1-U0-G2	6545	112	B1-U0-G2	6817	117	B1-U0-G2	7090	121	B1-U0-G2				
			IV	6704	115	B2-U0-G2	6996	120	B2-U0-G2	7287	125	B2-U0-G2	7579	130	B2-U0-G2				
			IV-FT	6107	105	B1-U0-G2	6373	109	B1-U0-G2	6638	114	B1-U0-G2	6904	118	B1-U0-G2				
			VSQ-N	7007	120	B2-U0-G1	7312	125	B2-U0-G1	7617	130	B2-U0-G1	7921	136	B3-U0-G1				
			VSQ-M	6871	118	B3-U0-G1	7170	123	B3-U0-G1	7469	128	B3-U0-G1	7767	133	B3-U0-G2				
			VSQ-W	6707	115	B3-U0-G2	6999	120	B3-U0-G2	7290	125	B3-U0-G2	7582	130	B3-U0-G2				
			II-HS	4855	83	B1-U0-G2	5066	87	B1-U0-G2	5278	90	B1-U0-G2	5489	94	B1-U0-G2				
			II-FR-HS	4939	85	B0-U0-G1	5154	88	B0-U0-G1	5368	92	B0-U0-G1	5583	96	B0-U0-G1				
			III-M-HS	4912	84	B0-U0-G2	5126	88	B0-U0-G2	5339	91	B0-U0-G2	5553	95	B0-U0-G2				
			III-W-HS	4808	82	B0-U0-G2	5017	86	B0-U0-G2	5226	89	B0-U0-G2	5436	93	B0-U0-G2				
			IV-HS	5074	87	B0-U0-G2	5295	91	B0-U0-G2	5515	94	B0-U0-G2	5735	98	B0-U0-G2				
			IV-FT-HS	4795	82	B0-U0-G2	5003	86	B0-U0-G2	5212	89	B0-U0-G2	5420	93	B0-U0-G2				

IES File downloads for this product can be found at www.usalight.com/downloads/asr.html

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - LUMEN TABLES (DS6-PLED)

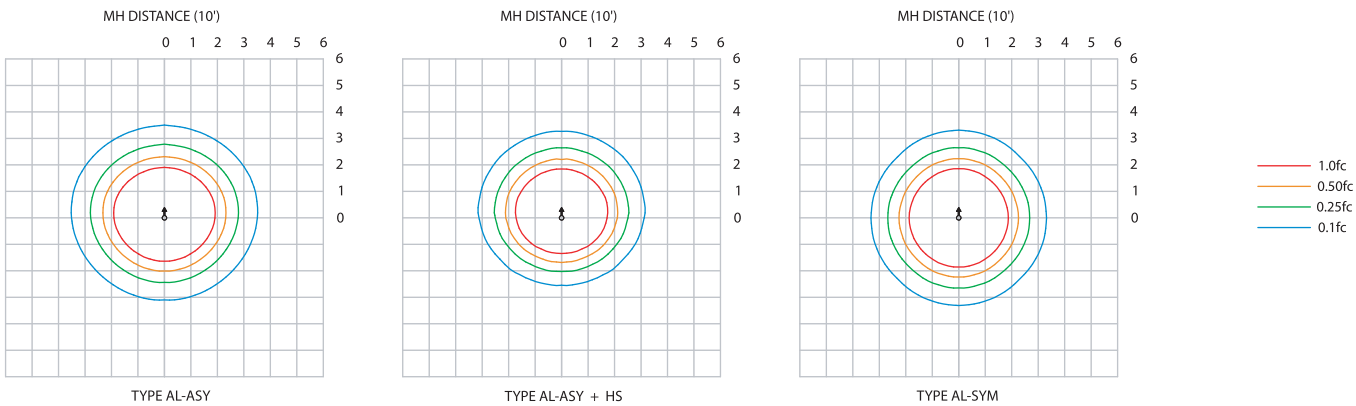
DS6-PLED																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
36	350	41.3	II	5529	134	B1-U0-G1	5769	140	B2-U0-G1	6010	146	B2-U0-G1	6250	151	B2-U0-G1	31.8	1923	60	B1-U0-G1
			II-FR	5567	135	B1-U0-G1	5809	141	B2-U0-G1	6051	147	B2-U0-G1	6293	152	B2-U0-G1		1936	61	B1-U0-G0
			III-M	5626	136	B1-U0-G1	5871	142	B1-U0-G2	6115	148	B1-U0-G2	6360	154	B2-U0-G2		1957	62	B1-U0-G1
			III-W	5224	126	B1-U0-G2	5451	132	B1-U0-G2	5678	137	B1-U0-G2	5905	143	B1-U0-G2		1817	57	B1-U0-G1
			IV	5584	135	B1-U0-G1	5826	141	B1-U0-G1	6069	147	B2-U0-G2	6312	153	B2-U0-G2		1942	61	B1-U0-G1
			IV-FT	5086	123	B1-U0-G2	5307	129	B1-U0-G2	5529	134	B1-U0-G2	5750	139	B1-U0-G2		1769	56	B1-U0-G1
			VSQ-N	5837	141	B2-U0-G1	6091	147	B2-U0-G1	6344	154	B2-U0-G1	6598	160	B2-U0-G1		2030	64	B1-U0-G0
			VSQ-M	5723	139	B3-U0-G1	5972	145	B3-U0-G1	6221	151	B3-U0-G1	6469	157	B3-U0-G1		1991	63	B1-U0-G0
			VSQ-W	5586	135	B3-U0-G2	5829	141	B3-U0-G2	6072	147	B3-U0-G2	6315	153	B3-U0-G2		1943	61	B2-U0-G1
			II-HS	4044	98	B0-U0-G1	4220	102	B0-U0-G1	4395	106	B0-U0-G1	4571	111	B1-U0-G1		1407	44	B0-U0-G0
			II-FR-HS	4114	100	B0-U0-G1	4293	104	B0-U0-G1	4471	108	B0-U0-G1	4650	113	B0-U0-G1		1431	45	B0-U0-G0
			III-M-HS	4091	99	B0-U0-G1	4269	103	B0-U0-G2	4447	108	B0-U0-G2	4624	112	B0-U0-G2		1423	45	B0-U0-G0
			III-W-HS	4005	97	B0-U0-G2	4178	101	B0-U0-G2	4353	105	B0-U0-G2	4527	110	B0-U0-G2		1393	44	B0-U0-G1
			IV-HS	4225	102	B0-U0-G1	4409	107	B0-U0-G1	4592	111	B0-U0-G1	4776	116	B0-U0-G2		1470	46	B0-U0-G0
			IV-FT-HS	3994	97	B0-U0-G2	4167	101	B0-U0-G2	4341	105	B0-U0-G2	4515	109	B0-U0-G2		1389	44	B0-U0-G1
36	525	62.0	II	7862	127	B2-U0-G2	8204	132	B2-U0-G2	8545	138	B2-U0-G2	8887	143	B2-U0-G2	47.7	2222	47	B1-U0-G1
			II-FR	7915	128	B2-U0-G1	8259	133	B2-U0-G1	8603	139	B2-U0-G1	8947	144	B2-U0-G1		2237	47	B1-U0-G0
			III-M	7999	129	B2-U0-G2	8347	135	B2-U0-G2	8695	140	B2-U0-G2	9043	146	B2-U0-G2		2261	47	B1-U0-G1
			III-W	7428	120	B1-U0-G2	7751	125	B1-U0-G2	8074	130	B2-U0-G2	8397	135	B2-U0-G2		2099	44	B1-U0-G1
			IV	7939	128	B2-U0-G2	8284	134	B2-U0-G2	8630	139	B2-U0-G2	8975	145	B2-U0-G2		2244	47	B1-U0-G1
			IV-FT	7232	117	B2-U0-G2	7547	122	B2-U0-G2	7861	127	B2-U0-G2	8176	132	B2-U0-G2		2044	43	B1-U0-G1
			VSQ-N	8297	134	B3-U0-G1	8658	140	B3-U0-G1	9019	145	B3-U0-G1	9380	151	B3-U0-G1		2345	49	B1-U0-G0
			VSQ-M	8137	131	B3-U0-G2	8491	137	B3-U0-G2	8844	143	B3-U0-G2	9198	148	B3-U0-G2		2299	48	B2-U0-G1
			VSQ-W	7943	128	B3-U0-G2	8289	134	B3-U0-G2	8634	139	B4-U0-G2	8980	145	B4-U0-G2		2245	47	B2-U0-G1
			II-HS	5750	93	B1-U0-G2	6000	97	B1-U0-G2	6250	101	B1-U0-G2	6500	105	B1-U0-G2		1625	34	B0-U0-G0
			II-FR-HS	5849	94	B1-U0-G1	6103	98	B1-U0-G1	6357	103	B1-U0-G1	6611	107	B1-U0-G1		1653	35	B0-U0-G0
			III-M-HS	5817	94	B0-U0-G2	6069	98	B0-U0-G2	6322	102	B0-U0-G2	6575	106	B0-U0-G2		1644	34	B0-U0-G1
			III-W-HS	5694	92	B0-U0-G2	5941	96	B0-U0-G2	6189	100	B0-U0-G2	6436	104	B0-U0-G2		1609	34	B0-U0-G1
			IV-HS	6008	97	B0-U0-G2	6269	101	B0-U0-G2	6530	105	B0-U0-G2	6791	110	B0-U0-G2		1698	36	B0-U0-G1
			IV-FT-HS	5678	92	B0-U0-G2	5925	96	B0-U0-G2	6172	100	B0-U0-G2	6419	104	B0-U0-G2		1605	34	B0-U0-G1
36	700	82.6	II	9889	120	B2-U0-G2	10319	125	B2-U0-G2	10749	130	B2-U0-G2	11179	135	B2-U0-G2	N/A	N/A		
			II-FR	9955	121	B2-U0-G1	10388	126	B2-U0-G1	10820	131	B2-U0-G1	11253	136	B3-U0-G1				
			III-M	10061	122	B2-U0-G2	10499	127	B2-U0-G2	10936	132	B2-U0-G2	11374	138	B2-U0-G2				
			III-W	9342	113	B2-U0-G3	9748	118	B2-U0-G3	10154	123	B2-U0-G3	10560	128	B2-U0-G3				
			IV	9986	121	B2-U0-G2	10420	126	B2-U0-G2	10854	131	B2-U0-G2	11289	137	B2-U0-G2				
			IV-FT	9096	110	B2-U0-G3	9492	115	B2-U0-G3	9887	120	B2-U0-G3	10283	124	B2-U0-G3				
			VSQ-N	10437	126	B3-U0-G1	10890	132	B3-U0-G1	11344	137	B3-U0-G1	11798	143	B3-U0-G1				
			VSQ-M	10235	124	B3-U0-G2	10680	129	B4-U0-G2	11125	135	B4-U0-G2	11570	140	B4-U0-G2				
			VSQ-W	9990	121	B4-U0-G3	10425	126	B4-U0-G3	10859	131	B4-U0-G3	11294	137	B4-U0-G3				
			II-HS	7232	88	B1-U0-G2	7547	91	B1-U0-G2	7861	95	B1-U0-G2	8175	99	B1-U0-G2				
			II-FR-HS	7356	89	B1-U0-G1	7676	93	B1-U0-G1	7996	97	B1-U0-G1	8315	101	B1-U0-G1				
			III-M-HS	7316	89	B0-U0-G2	7634	92	B1-U0-G2	7952	96	B1-U0-G2	8270	100	B1-U0-G2				
			III-W-HS	7161	87	B0-U0-G2	7472	90	B0-U0-G2	7784	94	B0-U0-G2	8095	98	B1-U0-G2				
			IV-HS	7557	91	B1-U0-G2	7886	95	B1-U0-G2	8214	99	B1-U0-G2	8542	103	B1-U0-G2				
			IV-FT-HS	7142	86	B1-U0-G3	7453	90	B1-U0-G3	7763	94	B1-U0-G3	8074	98	B1-U0-G3				

IES File downloads for this product can be found at www.usaltg.com/downloads/asr.html

DS6 SERIES - LED

PHOTOMETRIC DATA GUIDE - ISOFOOTCANDLE PLOTS (DS6-PLED-AL)

DS6-PLED-AL-36LED-525mA-40K - 10' Mounting Height



PHOTOMETRIC DATA GUIDE - LUMEN TABLES (DS6-PLED-AL)

DS6-PLED-AL																			
LED Count	Drive Current (mA)	System Watts	Dist'n Type	27K (2700K - 70CRI)			30K (3000K - 70CRI)			40K (4000K - 70CRI)			50K (5000K - 70CRI)			System Watts	TRA (590nm)		
				LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING	LUMENS	LPW	BUG RATING		LUMENS	LPW	BUG RATING
36	175	20.6	ASY	2243	109	B1-U0-G1	2340	114	B1-U0-G1	2438	118	B1-U0-G1	2536	123	B1-U0-G1	15.9	878	55	B0-U0-G0
			SYM	2245	109	B1-U0-G1	2343	114	B1-U0-G1	2441	118	B1-U0-G1	2538	123	B1-U0-G1		879	55	B1-U0-G0
			ASY-HS	1605	78	B1-U0-G1	1675	81	B1-U0-G1	1745	85	B1-U0-G1	1814	88	B1-U0-G1		628	40	B0-U0-G0
36	350	41.3	ASY	4232	102	B2-U0-G1	4416	107	B2-U0-G1	4600	111	B2-U0-G1	4784	116	B2-U0-G1	31.8	1472	46	B1-U0-G1
			SYM	4237	103	B2-U0-G1	4421	107	B2-U0-G1	4605	112	B2-U0-G1	4789	116	B2-U0-G1		1473	46	B1-U0-G0
			ASY-HS	3028	73	B1-U0-G1	3160	77	B1-U0-G1	3292	80	B1-U0-G1	3423	83	B1-U0-G1		1053	33	B1-U0-G0
36	525	62.0	ASY	6018	97	B2-U0-G1	6280	101	B2-U0-G2	6541	106	B2-U0-G2	6803	110	B2-U0-G2	47.7	1701	36	B1-U0-G1
			SYM	6024	97	B2-U0-G1	6286	101	B2-U0-G1	6548	106	B2-U0-G1	6810	110	B2-U0-G1		1703	36	B1-U0-G0
			ASY-HS	4306	69	B1-U0-G1	4493	72	B1-U0-G1	4681	75	B2-U0-G1	4868	79	B2-U0-G1		1217	26	B1-U0-G0
36	700	82.6	ASY	7571	92	B2-U0-G2	7900	96	B2-U0-G2	8229	100	B3-U0-G2	8559	104	B3-U0-G2	N/A	N/A		
			SYM	7579	92	B3-U0-G1	7909	96	B3-U0-G1	8238	100	B3-U0-G1	8568	104	B3-U0-G1				
			ASY-HS	5418	66	B2-U0-G1	5653	68	B2-U0-G1	5889	71	B2-U0-G1	6124	74	B2-U0-G1				

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Beta Lantern LED



Order Code: BLL - - - - -

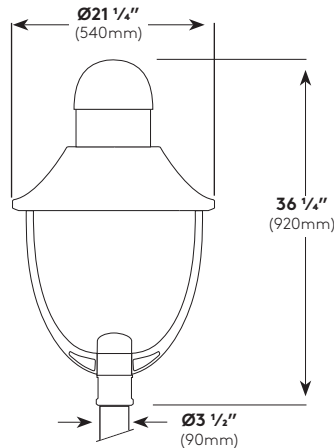
Pole Order Code:	Series	Height	Finish	Options			
<u>BLL</u>	Series	BLL Beta Lantern LED					
	Optics	R1 Type I Distribution	R2 Type II Distribution	R3 Type III Distribution	R4 Type IV Distribution	R5R Type V (Round) Distribution	R5S Type V (Square) Distribution
	Mounting	1 Single	2 Double	W Wall Mount			
	Light Engine	5G350 Nominal 33W	5G530 Nominal 49W	5G700 Nominal 64W	5G105 Nominal 95W		
	CCT	27 ^{1*} 2700K	30 ¹ 3000K	35 [*] 3500K	40 4000K	50 [*] 5000K	¹ 2700K and 3000K DarkSky Approved * Consult factory for lead time.
	Power Cord Length	12 12'	15 15'	18 18'	20 20'	25 25'	XX XX'
	Finish	WH White	BK Black	BL Semi- Matte Black	BZ Bronze	SV Silver	SP Specify Premium Color
	Voltage	UNV ³ 120V-277V	120 120V	240 240V	277 277V	347 ^{2,4} 347V	480 ^{2,3} 480V ² Equipped with step-down transformer. ³ Not available with PCT or HL50. ⁴ Not available with HL50.
	Options	HS ⁵ House Side Shield (180°)	DM ⁶ Dimming (0-10V)	PCT ^{8,9} Photocell Tenon (See page 9 for details)	HL50 ^{6,7} Hi-Lo Switching Low Output 50%	MS ^{6,9} Motion Sensor with Optional Photocell (meets Title 24 Requirements) (See page 6 for details and ordering code)	⁵ Type I, II, III, and IV only. ⁶ DM, HL50, or MS only. Cannot be combined. ⁷ 120V, 240V, 277V only. ⁸ 120V, 240V, 277V, 347V only. Not availab with Double Mounting. ⁹ PCT or MS only. Cannot be combined.

Product Modifications

Please list modification requirements for review by factory:

Approvals

BLL



Specifications

Fixture Cap - Decorative low-copper aluminum fixture cap.

Gasketing - Continuous molded gaskets provide weatherproofing, dust, and insect control.

Fixture Hood - Decorative low-copper aluminum shade with hinged door for access to LED light engine.

LED Array - High Flux LEDs mounted to metal core PCB and attached to external heat sink for maximum LED performance and life. CCT tolerance within a 3 step binning for 2700K, 3000K, 3500K, 4000K, and 5000K. CRI minimum 80. LED light engine has a reported lumen maintenance of 98% at 50,000 hours. L70 calculated greater than 100,000 hours. Exposed face rated to IP65.

LED Optics - Technical Optics (R1, R2, R3, R4, R5S and R5R) use Selux signature light pattern acrylic lens holder to secure proprietary silicone optics. Internal micro house side shield available for distributions types I, II, III & IV.

LED Driver - LEDs are driven by RoHS compliant constant current programmable LED driver. Driver includes 0-10V dimming to 10%, meets the requirements of IP66. Driver assembly located inside the head and accessible through the the hinged door. 347V and 480V increase wattage of fixture due to step-down transformer. Consult factory for details.

Surge Protection - Designed to protect luminaire from electrical surge (20kA).

Pole Fitter - Cast aluminum fitter secures to pole with two stainless steel Allen head set screws. For Ø3 1/2" (90mm) O.D. pole.

Exterior Luminaire Finish - Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Semi-Matte Black (BL), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

5 Year Limited LED Luminaire Warranty

Selux offers a 5 Year Limited Warranty to the original purchaser that the Beta Lantern LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture, LED driver and LED light engine when installed and operated according to Selux instructions. Fixture suitable for ambient temperature of 35° C (95° F). For details and exclusions, see "Selux Terms and Condition of Sale."

Listings and Ratings: Tested to IESNA LM-79-08 and LM-80 test standards at 25° C ambient temperature. Rated for wet location.

Visit selux.us for our LED End of Life recycling policy.

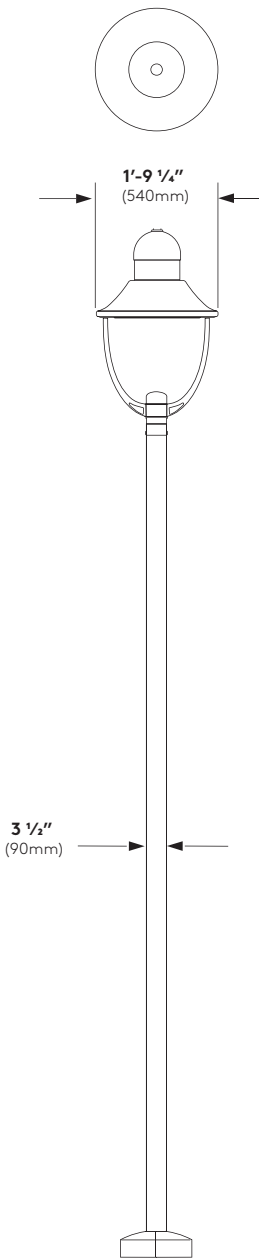
For Buy American compliance on poles, please consult the factory.

Mounting

Single (1)

Die cast aluminum fitter base secured to pole with three stainless steel, Allen head set screws.

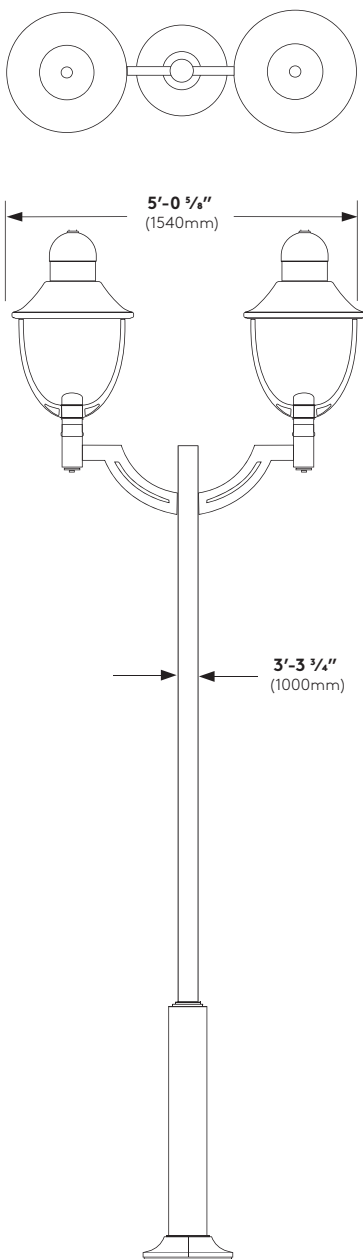
EPA = 1.1ft² (0.10m²)
Weight = 40lbs. (18.1kg)



Double (2)

Die cast aluminum double luminaire mounting arm secured to pole with four stainless steel, socket head cap screws. Outer slip fitter for Ø3 1/2 O.D. tenon.

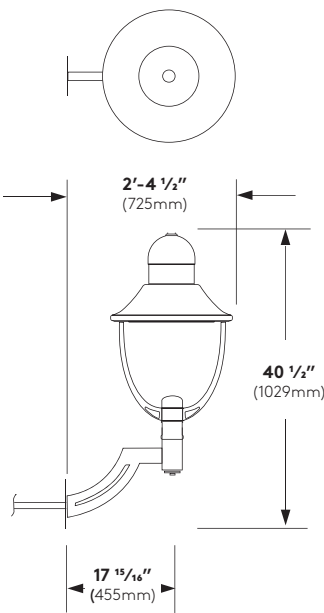
EPA = 3.3ft² (0.31m²)
Weight = 91lbs. (41.3kg)



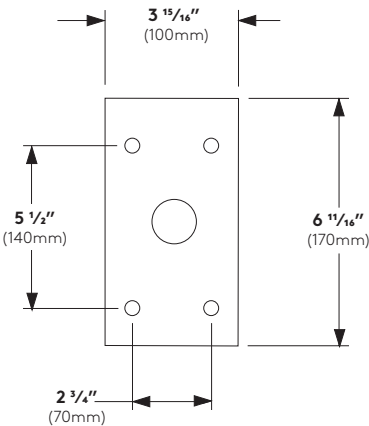
Wall (W)

Die cast aluminum double round wall mount arm. Secured to wall with 1/4" diameter threaded fasteners (by others).

EPA = 1.7ft² (0.16m²)
Weight = 46lbs. (20.9kg)

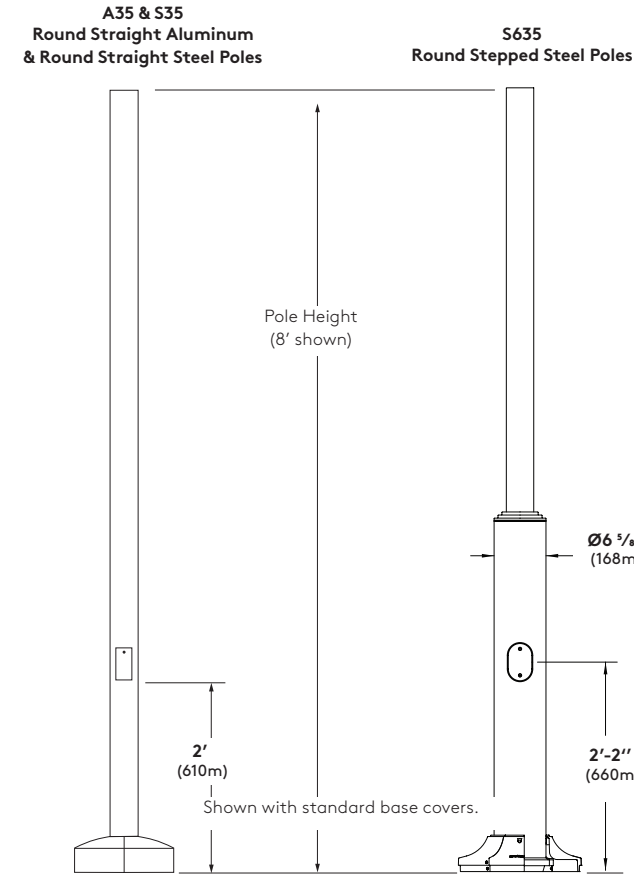


Wall Arm Mounting Detail
(Conduit and mounting hardware by others).



Pole Information

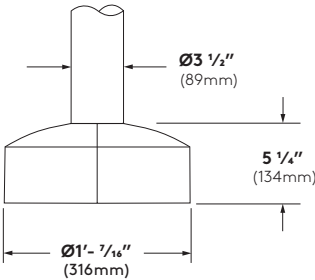
Refer to pole specification sheets for construction details, anchorage information and additional options.



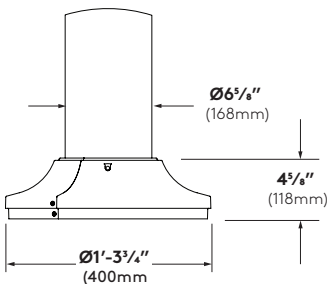
Base Cover Information

Refer to pole specification sheets for construction details, anchorage information and additional options.

Standard Base Cover (BC5)
Supplied with A35 and S35
Two-piece cast aluminum.



Standard Base Cover (BC6)
Supplied with S635
Two-piece cast aluminum.

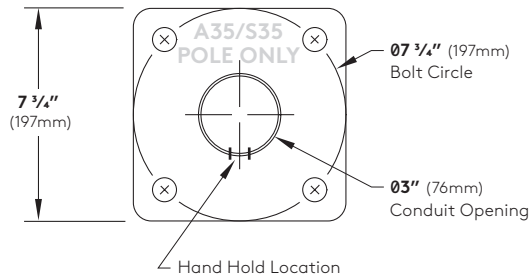


Pole Data Chart

Pole Series	Bolt Circle (in)	Wall (in)	Maximum EPA Rating (ft²) / Wind Speed (mph)												Height	Finish	Options
			70	80	90	100	110	120	130	140	150	160	170	180			
S635-197 3 1/2" Diameter Stepped Steel Pole	7-3/4	0.197	8.7	7.7	6.0	4.8	3.9	3.1	2.6	2.2	1.9	1.7	1.5	22.8	8 8ft.	WH White	BC5 Two-piece base cover for A35 and S35 poles.
A35-125 3 1/2" Diameter Straight Aluminum Pole	7-3/4	0.125	13.1	11.5	9.2	7.4	6.0	5.0	4.2	3.6	3.2	2.8	2.4	5.9		BK Black	BC6 Two-piece base cover for S635 pole.
S35-125 3 1/2" Diameter Straight Steel Pole	9	0.125	34.4	30.6	24.6	20.2	16.8	14.2	12.2	10.5	9.2	8.1	7.2	5.4		BL Semi-Matte Black	REC GFCI Duplex Receptacle with weatherproof cover.
S635-197 3 1/2" Diameter Stepped Steel Pole	7-3/4	0.197	6.9	6.0	4.6	3.6	2.8	2.2	1.8	1.5	1.2	-	-	17.8	10 10 ft.	BZ Bronze	REC2 GFCI Duplex Receptacle with padlockable in-use cover.
A35-125 3 1/2" Diameter Straight Aluminum Pole	7-3/4	0.125	10.5	9.2	7.2	5.7	4.6	3.7	3.1	2.6	2.3	2.0	1.7	4.3		SV Silver	REC3 USB & Duplex Receptacle with weatherproof cover.
S35-125 3 1/2" Diameter Straight Steel Pole	9	0.125	28.5	23.5	20.2	16.5	13.7	11.5	9.8	8.5	7.4	6.5	5.7	3.9		SP Specify Premium Color	REC4 USB & Duplex Receptacle with weatherproof padlockable in-use cover.
S635-197 3 1/2" Diameter Stepped Steel Pole	7-3/4	0.197	5.4	4.7	3.5	2.6	1.9	1.4	1.1	-	-	-	-	14.4	12 12 ft.		MS Motion Sensor with Optional Photocell (Meets Title 24 Requirements).
A35-125 3 1/2" Diameter Straight Aluminum Pole	7-3/4	0.125	8.6	7.5	5.7	4.4	3.5	2.7	2.2	1.9	1.6	1.3	1.1	3.1			* Weatherproof cover intended for portable tools or other portable equipment connected to the outlet only when attended. For other requirements please consult factory.
S35-125 3 1/2" Diameter Straight Steel Pole	9	0.125	23.6	21.0	16.9	13.7	11.3	9.4	8.0	6.9	6.0	5.2	4.6	2.8			
S635-197 3 1/2" Diameter Stepped Steel Pole	7-3/4	0.197	3.8	3.2	2.2	1.5	-	-	-	-	-	-	-	11.9	14 14 ft.		
A35-125 3 1/2" Diameter Straight Aluminum Pole	7-3/4	0.125	6.3	5.4	4.0	3.0	2.2	1.6	1.2	-	-	-	-	2.2			
S35-125 3 1/2" Diameter Straight Steel Pole	9	0.125	18.2	16.2	13.1	10.5	8.6	7.0	5.9	5.0	4.4	3.8	3.3	1.9			
S635-197 3 1/2" Diameter Stepped Steel Pole	7-3/4	0.197	2.7	2.2	1.3	-	-	-	-	-	-	-	-	7.6	16 16 ft.		
A35-125 3 1/2" Diameter Straight Aluminum Pole	7-3/4	0.125	5.1	4.3	3.1	2.1	1.4	-	-	-	-	-	-	N/A			
S35-125 3 1/2" Diameter Straight Steel Pole	9	0.125	15.6	13.9	11.2	8.9	7.1	5.7	4.8	4.0	3.5	3.0	2.6	N/A			

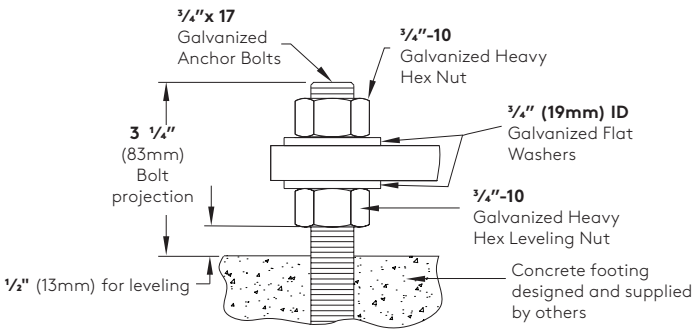
Bolt Circle for A35 & S35

Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.



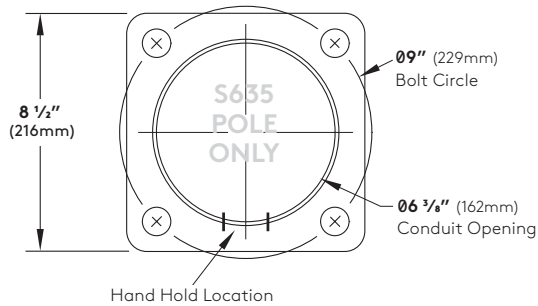
Note: Adequate drainage must be provided in concrete foundation.

Anchor Bolt Detail for A35 & S35



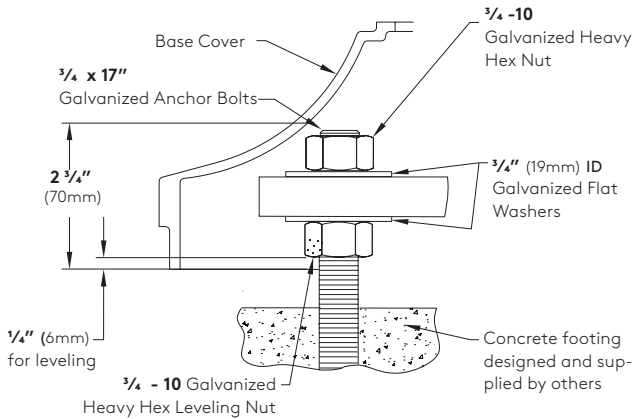
Bolt Circle for S635

Use caution when setting anchor bolts. Bolts must be vertically straight and centered on dimensions shown.



Note: Adequate drainage must be provided in concrete foundation.

Anchor Bolt Detail for S635

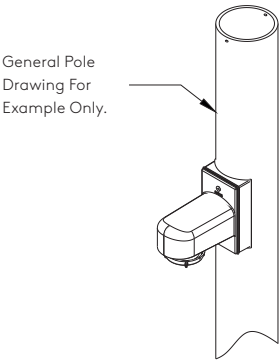
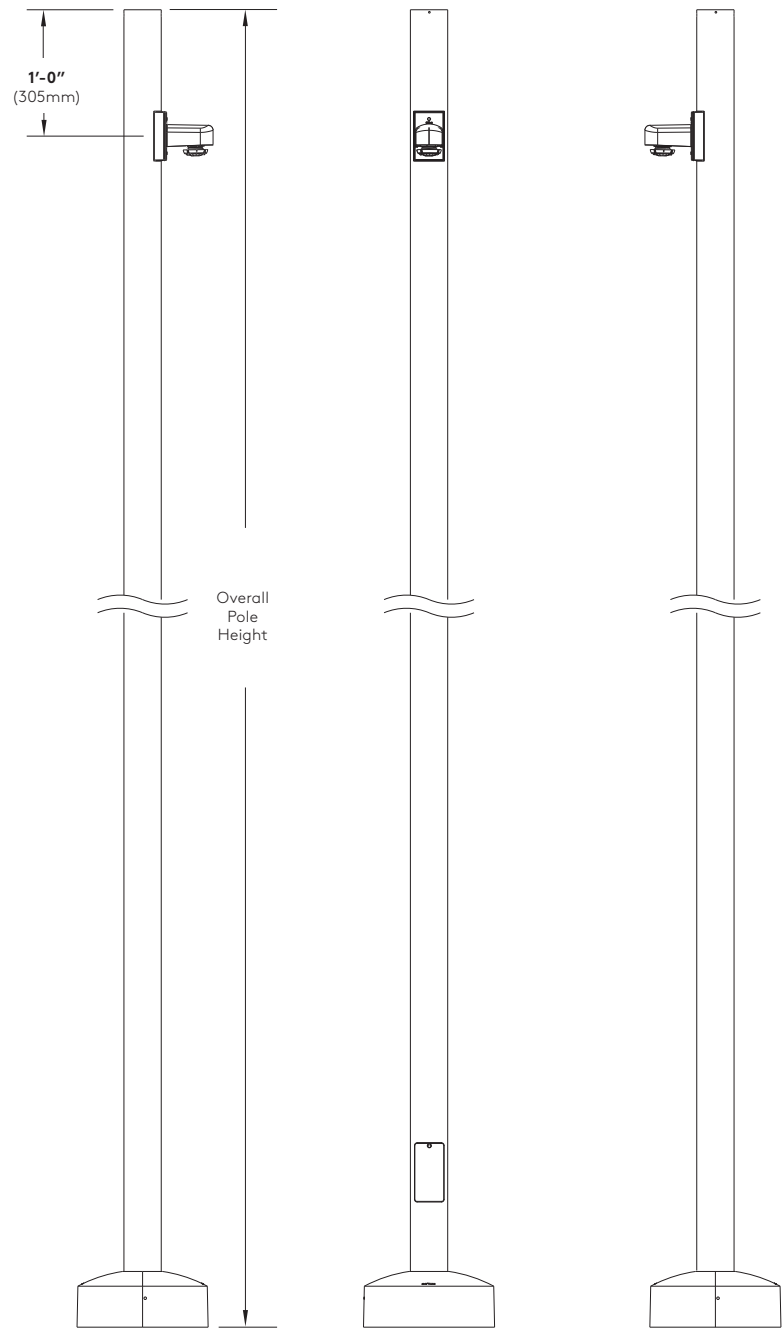


Round Pole Motion Sensor

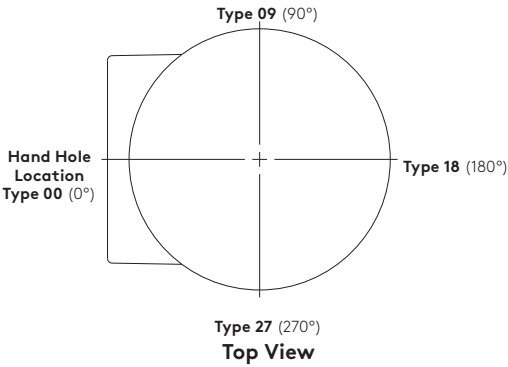
The Selux outdoor rated sensor incorporates Passive Infrared (PIR) Technology for motion sensing and also includes built-in photocell. Sensor comes pre-installed in cast aluminum housing painted to match pole finish.

Series	Hand Hole Orientation	Dim Level	Photocell Feature	Voltage
MS Motion Sensor	00 0° Clockwise from Hand Hole	D0 (Off)	Y Yes	UNV (100-347VAC single phase or 208/230/480VAC phase-to-phase)
	09 90° Clockwise from Hand Hole	D1 (1V=10%)		
	18 180° Clockwise from Hand Hole	D3 (3V=30%)	N No	
	27 270° Clockwise from Hand Hole	D5 (5V=50%)		

Factory Defaults:
Delay to Dim: 5 minutes
Delay to Off: 1 hour
Sensitivity: Max
Custom Programming: Consult Factory



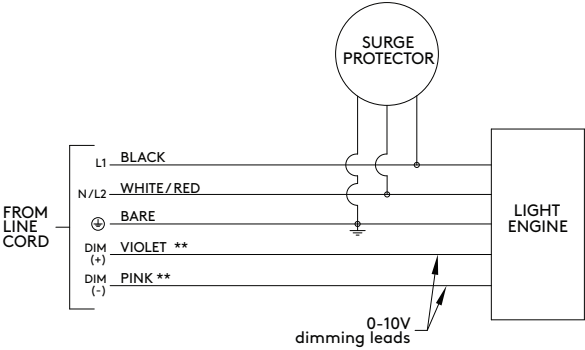
Sensor angular orientation from hand hole 0° 90° increments clockwise around pole (Type 00, 09, 18, 27).



- Motion Sensor Features**
- Customize programming using smartphone application (Refer to the FSP-321 at www.wattstopper.com).
 - 5 Year Warranty.
 - 100% Digital PIR Detection, excellent RF Immunity.
 - 270° coverage pattern.
 - IP66 Rated for outdoor applications.
 - Made for LED light source.
 - Adjustable time delays, max/min dim levels, and ramp rates
 - Suitable for Title 24 applications.
- (For coverage details refer to wattstopper FSP-321 spec sheet at www.wattstopper.com).

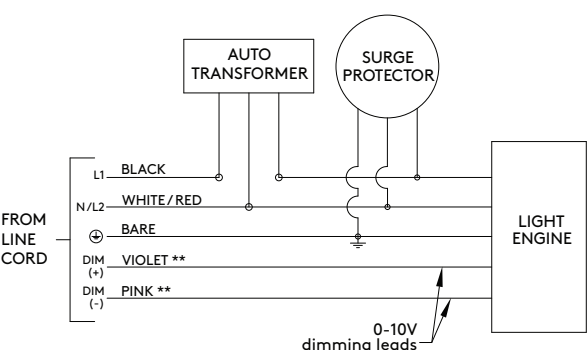
Standard Wiring (120V-277V)

**When dimming is not required cap dimming wires.



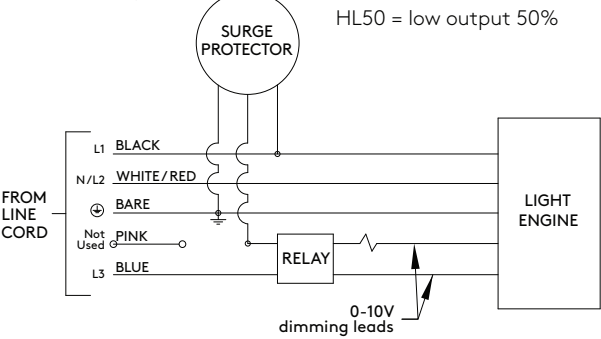
Standard Wiring (347/480V with Step-down Transformer)

**When dimming is not required cap dimming wires.



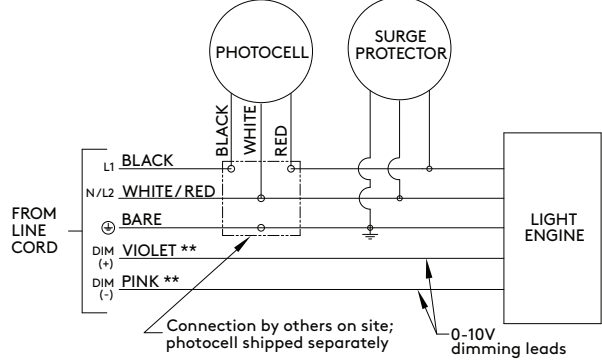
Hi-Lo Switching Option (HL) Wiring HL50 Only

120V, 240V, 277V. When blue is energized, light output will be at "Lo" level. Specify low-level by using the level listed below. For other combinations, consult factory.

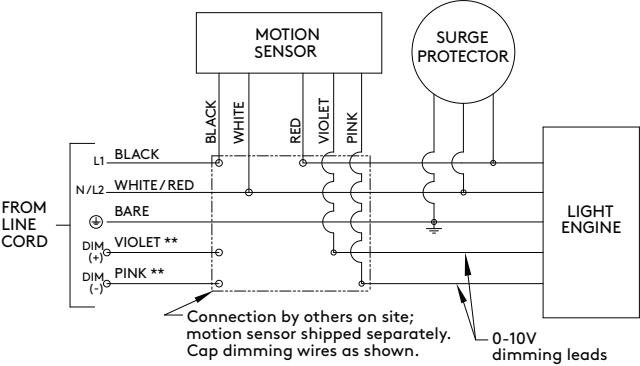


Photocell Option (PCT) Wiring

**When dimming is not required cap dimming wires.



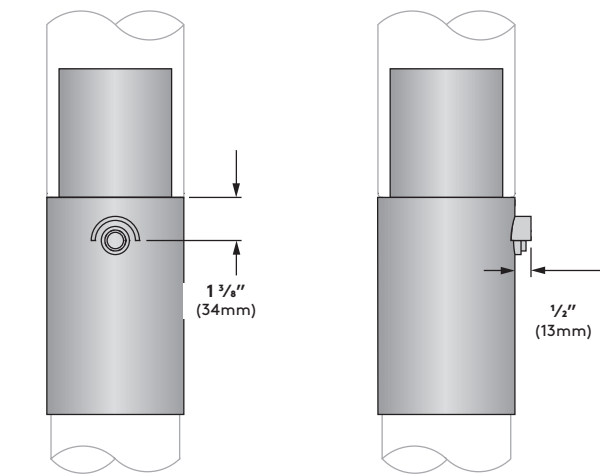
Motion Sensor Option (MS) Wiring (120-480V)



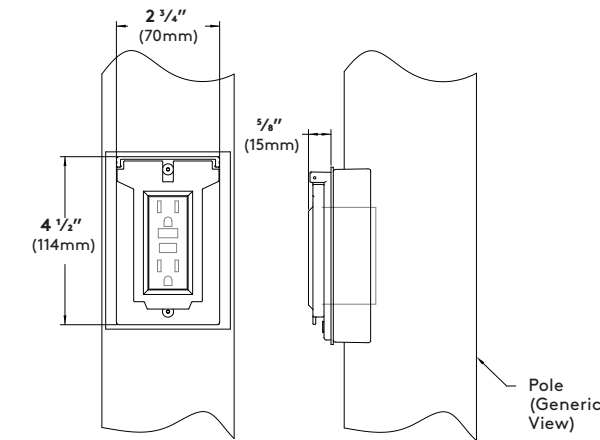
Wire Designation Table		
Source Voltage (VAC)	Wire Color	Wire Designation
120V, 277V, or 347V	Black	L1
	White	Neutral
208V, 240V, or 480V	Black	L1
	Red	L2
UNV (120V-277V)	Black	L1
	White	Neutral (120/277V) or L2 (208/240V)

Optional Accessories

Photo Cell Tenon (PCT) - Button type photocell mounted in cast aluminum pole top tenon. Tenon has integral cast visor to prevent false start/stop cycle and can be oriented for optimum performance. Not available with Double Mounting.



REC and REC3

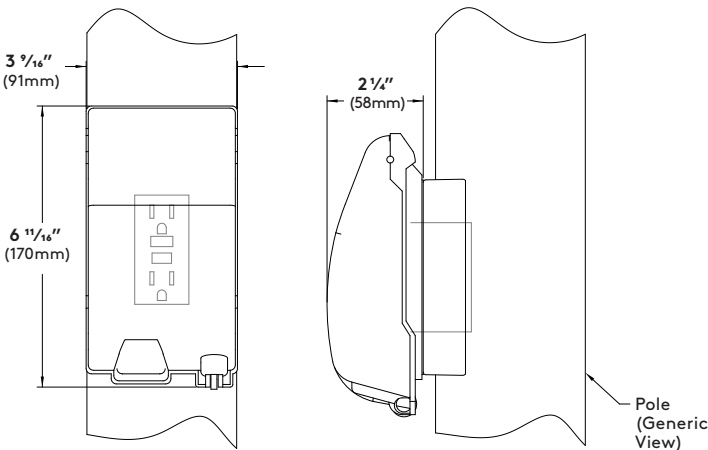


Cover shown in the closed position

GFCI Duplex (REC) - 120V 15A GFCI duplex receptacle with weatherproof, self-closing cover; located 36" (914mm) o.c. from base of pole, in-line with hand hole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel (120V only).

USB & GFCI Duplex Receptacle (REC3) (not shown) - 120V 15A GFCI duplex receptacle with USB combination ports. (1) USB Type-A and (1) USB Type-C port share 2.0A charging capacity between both ports. Includes weatherproof, self-closing cover; located 36" (914mm) o.c. from base of pole, in-line with hand hole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel.

REC2 and REC4



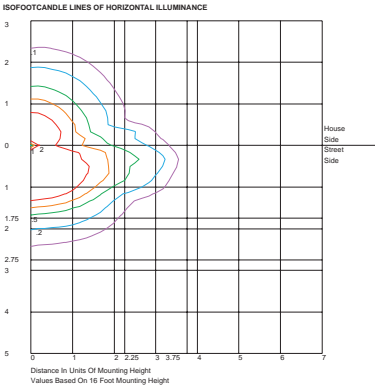
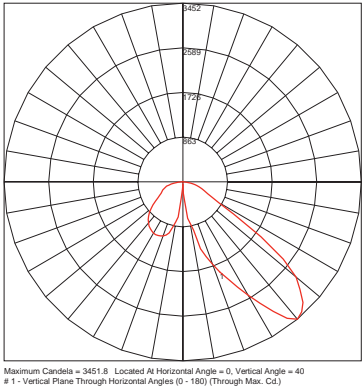
Cover shown in the closed position

GFCI Duplex Receptacle (REC2) - 120V 15A GFCI duplex receptacle with weatherproof, self-closing, padlockable in-use cover; located 36" (914mm) o.c. from base of pole, in-line with hand hole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel (120V only).

USB & GFCI Duplex Receptacle (REC4) (not shown) - 120V 15A GFCI duplex receptacle with USB combination ports. (1) USB Type-A and (1) USB Type-C port share 2.0A charging capacity between both ports. Includes weatherproof, self-closing padlockable in-use cover; located 36" (914mm) o.c. from base of pole, in-line with hand hole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel.

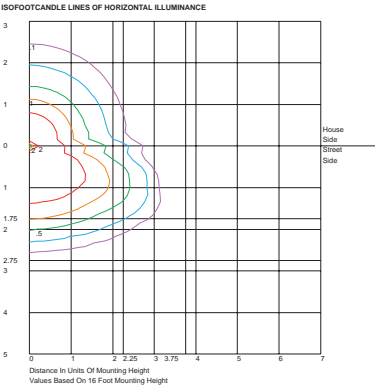
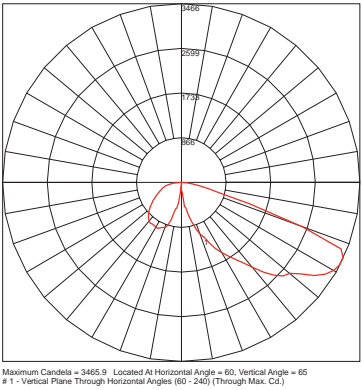
R1 Optics / 64W LED / 3000K CCT

Catalog #: BLL-X-R1-5G700-30-XX-UNV
Delivered Lumens: 6330
Input Watts: 64W
Efficacy: 98 lm/W
CCT: 2884K
CRI (Ra): 82.9
Maximum candela of 3452 at 40°
IES classification: Type II
Mounting Height: 16' (4.9 m)
BUG Rating: B2-U0-G1
Power Factor: 0.994
Total Harmonic Distortion: 7.61%



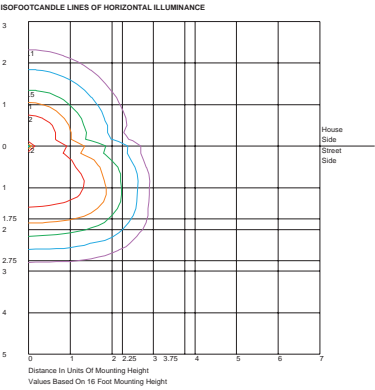
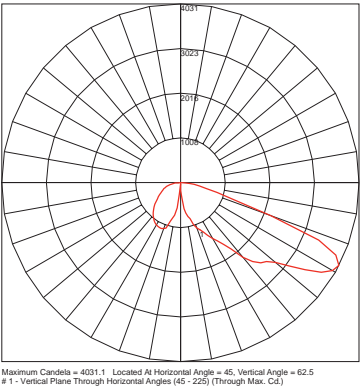
R2 Optics / 64W LED / 3000K CCT

Catalog #: BLL-X-R2-5G700-30-XX-UNV
Delivered Lumens: 6320
Input Watts: 64W
Efficacy: 99 lm/W
CCT: 2884K
CRI (Ra): 82.9
Maximum candela of 3466 at 65°
IES classification: Type III
Mounting Height: 16' (4.9 m)
BUG Rating: B1-U0-G1
Power Factor: 0.994
Total Harmonic Distortion: 7.61%



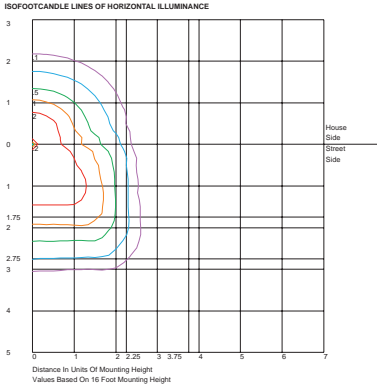
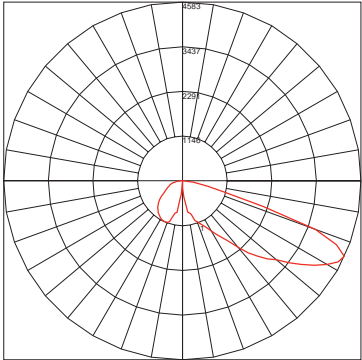
R3 Optics / 64W LED / 3000K CCT

Catalog #: BLL-X-R3-5G700-30-XX-UNV
Delivered Lumens: 6261
Input Watts: 64W
Efficacy: 98 lm/W
CCT: 2884K
CRI (Ra): 82.9
Maximum candela of 4031 at 62.5°
IES classification: Type III
Mounting Height: 16' (4.9 m)
BUG Rating: B1-U0-G1
Power Factor: 0.994
Total Harmonic Distortion: 7.61%



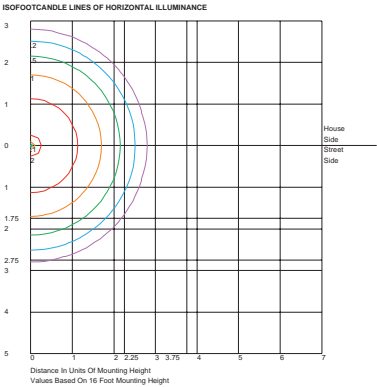
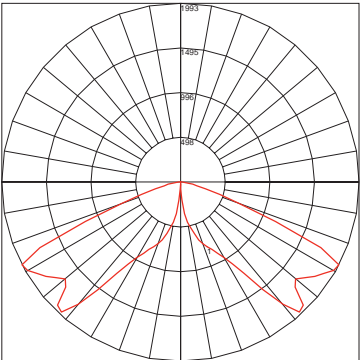
R4 Optics / 65W LED / 3000K CCT

Catalog #: BLL-X-R4-5G700-30-XX-UNV
Delivered Lumens: 6396
Input Watts: 65W
Efficacy: 99 lm/W
CCT: 2884K
CRI (Ra): 82.9
Maximum candela of 4583 at 65°
IES classification: Type III
Mounting Height: 16' (4.9 m)
BUG Rating: B1-U0-G1
Power Factor: 0.994
Total Harmonic Distortion: 7.61%



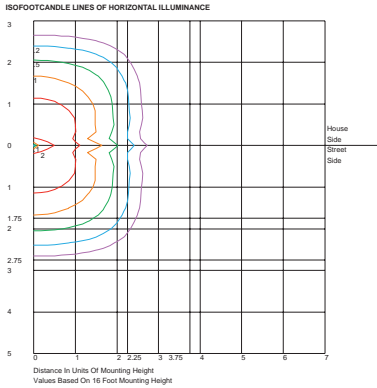
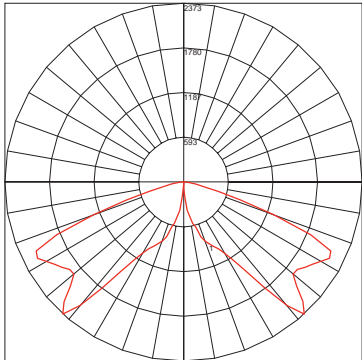
R5R Optics / 64W LED / 3000K CCT

Catalog #: BLL-X-R5R-5G700-30-XX-UNV
Delivered Lumens: 6422
Input Watts: 64W
Efficacy: 101 lm/W
CCT: 2884K
CRI (Ra): 82.9
Maximum candela of 1993 at 62.5°
IES classification: Type V
Mounting Height: 16' (4.9 m)
BUG Rating: B2-U0-G1
Power Factor: 0.994
Total Harmonic Distortion: 7.61%



R5S Optics / 64W LED / 3000K CCT

Catalog #: BLL-X-R5S-5G700-30-XX-UNV
Delivered Lumens: 6449
Input Watts: 64W
Efficacy: 101 lm/W
CCT: 2884K
CRI (Ra): 82.9
Maximum candela of 2373 at 42.5°
IES classification: Type VS
Mounting Height: 16' (4.9 m)
BUG Rating: B2-U0-G1
Power Factor: 0.994
Total Harmonic Distortion: 7.61%



Application

An unshielded bollard with safety guard and 180° distribution for illumination of gardens and residential areas. Direct burial anchorage intended to be buried in soil or cast directly in concrete.

Materials

Hand-blown three-ply opal glass
Marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
High temperature silicone gasket
Galvanized steel anchorage

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 65

Weight: 18.5lbs.

Electrical

Operating voltage	120-277VAC
Minimum start temperature	-30° C
LED module wattage	8.0W
System wattage	10.0W
Controllability	0-10V, TRIAC, and ELV dimmable
Color rendering index	Ra > 80
Luminaire lumens	173lm
LED service life (L70)	60000hrs

LED color temperature

4000K (K4)
3500K (K35)
3000K (K3)
2700K (K27)

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish, a fluoropolymer technology, provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL and custom color finishes provided in either polyester powder or liquid paint.

Available colors

Black (BLK)	Bronze (BRZ)
Silver (SLV)	White (WHT)
RAL:	CUS:

Type:

BEGA Product:

Project:

Modified:

Available options

CUS	Custom finish
FSC	Fusing
MGU	Marine grade undercoat
RAL	RAL finish



Bollard · Direct burial · 180°			
	LED	A	B
B84317	8.0W	5 1/2	35 5/8



Application

Bollard with fully shielded light distribution. The glare-free illumination of these luminaires is ideally suited for lighting entrances and footpaths as well as many areas of garden and landscape architecture.

Materials

- Clear safety glass with optical texture
- Marine grade, copper free (≤ 0.3% copper content) A360.0 aluminum alloy
- High temperature silicone gasket
- Mechanically captive stainless steel fasteners
- Self-expanding sleeve anchors for pre-cast concrete
- Pure anodized aluminum reflector

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 65

Weight: 11.0lbs.

Electrical

- | | |
|---------------------------|--------------------------------|
| Operating voltage | 120-277VAC |
| Minimum start temperature | -30° C |
| LED module wattage | 20.6W |
| System wattage | 20.6W |
| Controllability | 0-10V, TRIAC, and ELV dimmable |
| Color rendering index | Ra > 80 |
| Luminaire lumens | 1577 lm |
| LED service life (L70) | 60000hrs |

LED color temperature

- 4000K (K4)
- 3500K (K35)
- 3000K (K3)
- 2700K (K27)

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish, a fluoropolymer technology, provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL and custom color finishes provided in either polyester powder or liquid paint.

Available colors

- | | |
|--------------|--------------|
| Black (BLK) | Bronze (BRZ) |
| Silver (SLV) | White (WHT) |
| RAL: | CUS: |

Type:

BEGA Product:

Project:

Modified:

Available options

- | | |
|-----|------------------------|
| CUS | Custom finish |
| FSC | Fusing |
| MGU | Marine grade undercoat |
| RAL | RAL finish |

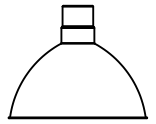


Bollard · Shielded				
	LED	A	B	C
B88261	20.6W	10	37 ³ / ₈	4 ³ / ₈



WILCOX INTEGRATED LED SERIES

JOB NAME: _____ FIXTURE TYPE: _____



BLE -	-	-	-	-	-	-	-
	A	B	C	D	E	F	G
	-	-	-	-	-	-	-
	H	I	J	K	L	M	

Order Example: BLE - C - DBW16 - 455 - CRZ - 12FT - 455 - NA - ACR - 455 - NA - LED16 - 2700K - DL

A - MOUNTING STYLE

C	Cord Hung
CN	Chain Hung
F	Flush Mount ¹
G	Gooseneck
S	Stem Mount

B - SHADE SIZE

WILCOX:

DBW8	8" Shade ¹
DBW10	10" Shade
DBW12	12" Shade
DBW14	14" Shade
DBW16	16" Shade ²
DBW20	20" Shade ³

C - SHADE FINISH

PORCELAIN FINISHES⁴:

150	Black
250	White
350	Vintage Green
355	Jadite
455	Cherry Red
550	Yellow
650	Bronze
750	Cobalt Blue
765	Delphite Blue
850	Graphite
950	Metallic Chrome

POWDER COAT FINISHES⁵:

100	Black
105	Textured Black
106	Matte Black
200	White
206	Matte White
300	Dark Green
307	Emerald Green
311	Jadite
370	Mint
380	Chartreuse
390	Teal
400	Barn Red
420	Orange
470	Watermelon
480	Blush Pink
490	Magenta
495	Sherbet Orange
500	Buttery Yellow
570	Sunflower

C - SHADE FINISH (CONTINUED)

POWDER COAT FINISHES⁵:

600	Bronze
601	Chocolate
605	Rust
615	Oil-Rubbed Bronze
700	Royal Blue
705	Navy
710	Cobalt Blue
715	Delphite Blue
790	Lavender
800	Industrial Grey
805	Charcoal Granite
810	Graphite
975	Galvanized

NATURAL METALS⁶:

995	Raw Copper
996	Weathered Copper
997	Raw Brass
998	Weathered Brass
999	Oil-Rubbed Copper

D - MOUNTING

Please Note: If Flush Mount [F] is selected in Section A, please select NA

NA	Not Applicable
----	----------------

CSA LISTED CORDS:

SBK	Standard Black
SWH	Standard White
CSB	Black Cloth
CSW	White Cloth
CMG	Grey Cloth
CSR	Red Cloth
CRZ	Red Chevron Cloth
CSBB	Black & Brown Cloth
CSRW	Red & White Cloth
CSGW	Gold & White Cloth
CSBG	Black & Gold Cloth
CSBW	Black & White Cloth
CSBP	Black & Pink Cloth
CSUW	Blue & White Cloth

CHAIN MOUNT OPTIONS³:

CN36	3' of Chain
CN48	4' of Chain
CN60	5' of Chain
CN72	6' of Chain

D - MOUNTING (CONTINUED)

GOOSENECK OPTIONS:

G1 ³	G8	G15	G32
G2 ³	G9	G16 ³	G34 ³
G3 ^{3,7}	G10	G17	G35 ³
G4 ⁷	G11 ³	G22	G36 ³
G5 ³	G12 ³	G24	G64 ³
G6	G13	G25	G65 ³
G7	G14	G26 ³	

STEM MOUNT OPTIONS:

ST506	.5" Stem Mount, 6" ³
ST512	.5" Stem Mount, 12" ³
ST518	.5" Stem Mount, 18" ³
ST524	.5" Stem Mount, 24" ³
ST536	.5" Stem Mount, 36" ³
ST548	.5" Stem Mount, 48" ³
ST706	.75" Stem Mount, 6"
ST712	.75" Stem Mount, 12"
ST718	.75" Stem Mount, 18"
ST724	.75" Stem Mount, 24"
ST736	.75" Stem Mount, 36"
ST748	.75" Stem Mount, 48"

E - CORD LENGTH⁸

NA	Not Applicable
7FT	7' of Cord
12FT	12' of Cord
20FT	20' of Cord

F - MOUNTING FINISH

Please Note: See Section C for Finish Options. 980-Brushed Aluminum is also available for Gooseneck (Not Available with G36, G64 & G65) and Stem mounting styles. If a Porcelain shade finish is selected, mounting will be powder coat painted-to-match. Porcelain shade finishes are not available with a Natural Metal mounting finish

(I) If Cord Hung [C], selection identifies canopy finish

(II) If Chain Hung [CN] Mounting Style, selection identifies chain and canopy finish. Natural Metals are not applicable

(III) If Stem Mount [S] Mounting Style, selection identifies stem and canopy finish

(IV) If Flush Mount [F] Mounting Style, selection identifies hex coupler and canopy finish. Natural Metals are not applicable

980	Brushed Aluminum
-----	------------------

G - CORDS⁹

Please Note: See Section D for all applicable CSA Listed Cord Options

NA	Not Applicable
----	----------------

H - SHADE ACCESSORIES³

NA	None
WC	Wire Cage
ACR	Acrylic Diffuser ^{10,11}

I - SHADE ACCESSORY FINISH

Please Note: See Section C for Finish Options. Natural Metals not applicable. If Porcelain Finish is selected, accessory will be powder coat painted-to-match

NA	Not Applicable
----	----------------

J - MOUNTING ACCESSORY

Please Note: Mounting Accessories below are only applicable with select Mounting Styles. Please refer to product listings on our website for further detail

NA	None/Not Applicable
HSC	Hang Straight Canopy ^{3,12}
LDBPC	LED Decorative Backing Plate Cover ^{13,14}
LDCHX	LED Decorative Backing Plate Cover & Hex Cover ^{13,14}

K - LIGHT SOURCE

LED11	850 Lumen
LED16	1250 Lumen
LED27	2000 Lumen ¹⁵
LED38	3000 Lumen ¹⁵
LED43	4000 Lumen ^{1,15}

L - COLOR TEMPERATURE

2700K	2700K, Warm White
3000K	3000K, Neutral White
3500K	3500K, Bright White
4000K	4000K, Cool White

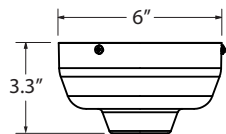
M - LED LENS

DL	Domed Lens
FL	Flat Lens

IMPORTANT: (1) Not available with Acrylic Diffuser shade accessory (2) Not available in Brass (3) Not available in Natural Metals (4) All Porcelain Enamel finished shades feature a white interior and a black outer rim (5) All Powder Coat finished shades, Galvanized excluded, feature a white interior (6) Natural Metals have a longer estimated manufacturing time, please check the website for exact lead time. There are no returns accepted on Natural Metals (7) Not compatible with 16" shade size or larger (8) Only applicable if Cord Hung Mounting Style is selected in Section A, select NA if another Mounting Style is selected in Section A (9) Only applicable if Chain Hung Mounting Style is selected in Section A, select NA if another Mounting Style is selected (10) Acrylic Diffuser limits the maximum lumens delivered and LPW. Selection Limits: 1250 Max for 8" and 10" shades; 2000 Max for 12" and 14" shades; 3000 Max for 16" and 20" shades (11) Fixture is CSA listed for Damp Locations with Acrylic Diffuser (12) Only applicable if Stem Mounting Style is selected in Section A (13) Only available if Gooseneck Mounting Style is selected in Section A (14) Not available with G3, G4, G11, G15, & G26 Gooseneck option (15) Not applicable if DBW8 or DBW10 is selected in section B

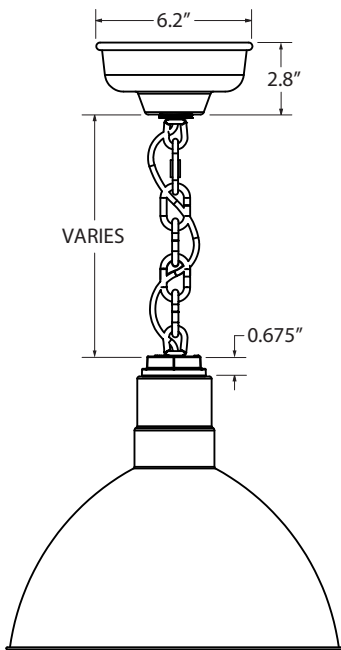
MOUNTING STYLE

HIGH LUMEN CANOPY FOR PENDANT & FLUSH MOUNT



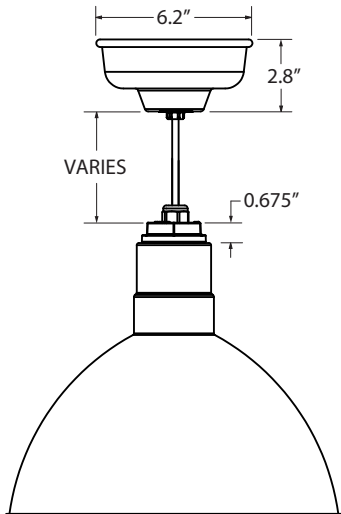
Required if LED 27, 38, 43 Light Source selected in Section K

CHAIN HUNG PENDANT (CN)



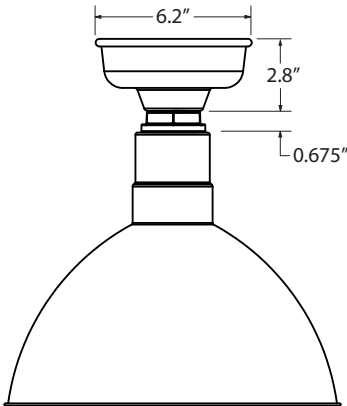
Canopy shown required if LED 11 & 16 Light Source selected in Section K

CORD HUNG PENDANT (C)



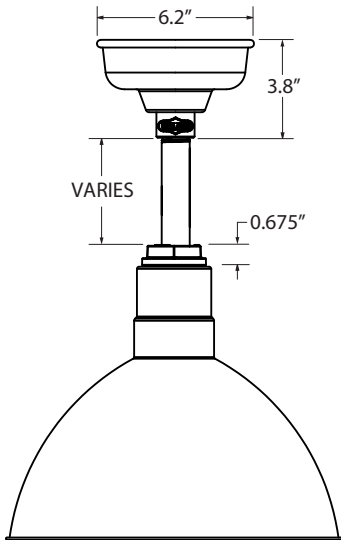
Canopy shown required if LED 11 & 16 Light Source selected in Section K

FLUSH MOUNT (F)



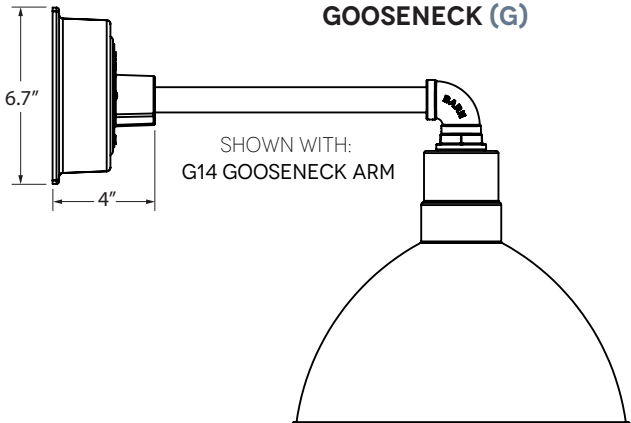
Canopy shown required if LED 11 & 16 Light Source selected in Section K

STEM MOUNT PENDANT (S)

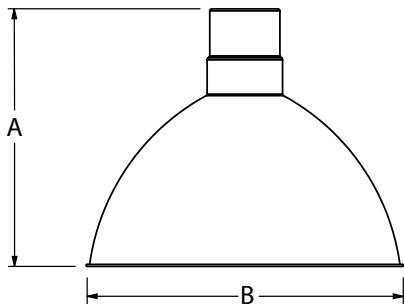


Canopy shown required if LED 11 & 16 Light Source selected in Section K

GOOSENECK (G)



LUMINAIRE DIMENSIONS



SHADE CODE	HEIGHT (A)	DIAMETER (B)	EXTENSION (C)
DBW8	8.25"	8"	4.3"
DBW10	9"	10"	3.6"
DBW12	9.75"	12"	2.8"
DBW14	11.25"	14"	1.3"
DBW16	12.75"	16"	N/A
DBW20	16.25"	20"	N/A

SPECIFICATIONS**CERTIFICATIONS, LISTINGS & WARRANTY**

MADE IN THE USA
 Manufactured and Hand-Crafted in Our 60,000 Square Foot Facility
 Located in Titusville, FL

CSA LISTED FOR WET LOCATIONS
 Includes All Gooseneck, Stem and Flush Mounting Styles
 ACR is CSA Listed for Damp Locations for Gooseneck and Stem
 Mounting Styles

CSA LISTED FOR DAMP LOCATIONS
 Includes All Chain and Cord Hung Mounting Styles
 ACR is CSA Listed for Damp Locations

LIMITED WARRANTY
 For Additional Information on Our Limited Warranty, Please See
 Our Terms & Conditions

CONSTRUCTION & FINISH

POWDER COAT SHADE
 Hand-Spun from High Purity 3003-O Temper Aluminum

GALVANIZED SHADE
 Hand Spun from High Quality Galvanized Steel or from High Purity
 3003-O Temper Aluminum for 20" Size Shades

PORCELAIN SHADE
 Hand-Spun from 20 Gauge Porcelain Steel

POWDER COAT FINISHES
 Polyester Powder Coat Finishes Are Electro-Statically Applied and
 Thermocured

PORCELAIN FINISHES
 Applied by Hand and Fired in a High Temperature Oven

COPPER
 Hand-Spun from High Purity C11000-O60 ETP Copper

BRASS
 Hand-Spun from High Purity C2600-O60 Brass

STEM
 1/2" Nominal (0.84" Actual) or 3/4" Nominal (1.05" Actual) Sch 40,
 6063 Aluminum Mounting Stem. Custom Lengths Available upon
 Request

GOOSENECK
 1/2" Nominal (0.84" Actual) or 3/4" Nominal (1.05" Actual) Sch 40,
 6063 Aluminum Gooseneck

CORD
 Cord Hung Pendants Include 7', 12' or 20' of Cord (Overall Cord
 Length is Measured from Base of Socket and Varies Based on
 Fixture)

CHAIN
 4-Gauge Chain Complete with Quick Link for On-Site Adjustments
 to Chain's Length

LED LIGHT SOURCE

AVAILABLE CCT: 2700K, 3000K, 3500K, 4000K
 90+ CRI

ELECTRICAL/LED DRIVER

POWER FACTOR > 0.9

EFFICIENCY: UP TO 87% TYPICAL

INPUT VOLTAGE: 120-277 VAC (SEE DIMMING SECTION)

CLASS 2 POWER SUPPLY

LED DRIVER LIFETIME: > 100,000 HOURS (@ 25 DEG C AMBIENT)

IP64 MINIMUM RATING CASE WITH SILICONE-BASED POTTING

PROTECTIONS

Output Open Load, Over-Current and Short-Circuit (hiccup), and
 Over-Temperature with Auto Recovery

CONDUCTED AND RADIATED EMI
 Compliant with FCC CFR Title 47 Part 15 Class B (120 Vac), Class A
 (277 Vac) and EN55015 (CISPR 15) at 220, 230 and 240 Vac

COMPLIANT WITH
 Complies with Energy Star® DLR (DesignLight Consortium®) and CA
 Title 24 Technical Requirements

DIMMING

TRI-MODE DIMMING™

Compatible with TRIAC (forward-phase or leading-edge), ELV
 (reverse-phase or trailing-edge) and 0-10 V Dimmers

DIMMING RANGE 1-100%

The Dimming Range Is Dependent on Each Specific Dimmer. May
 Not Be Able to Achieve 1% Dimming with Some Dimmers.

TRIAC AND ELV DIMMING ONLY AT 120 VAC

ELV DIMMING AT 230 VAC
 Available by Request

COMPATIBLE DIMMERS

Consult Factory for Additional Information on Dimming

Application

This wall luminaire has a partially shielded light source and is designed for the down lighting of interior and exterior locations with glare-free illumination.

Materials

Hand-blown three-ply opal glass
Marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
High temperature silicone gasket
Galvanized zinc-plated mounting bracket

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 44

Weight: 3.3lbs.

Electrical

Operating voltage	120-277VAC
Minimum start temperature	-30° C
LED module wattage	8.9W
System wattage	12.0W
Controllability	0-10V, TRIAC, and ELV dimmable
Color rendering index	Ra > 90
Luminaire lumens	722lm
LED service life (L70)	60000hrs

LED color temperature

4000K (K4)
3500K (K35)
3000K (K3)
2700K (K27)

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

All BEGA standard finishes are matte, textured powder coat with minimum 3 mil thickness. BEGA Unidure® finish, a fluoropolymer technology, provides superior fade protection in Black, Bronze, and Silver. BEGA standard White is a super durable polyester powder. Optionally available RAL and custom color finishes provided in either polyester powder or liquid paint.

Available colors

Black (BLK)	Bronze (BRZ)
Silver (SLV)	White (WHT)
RAL:	CUS:

Type:

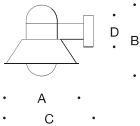
BEGA Product:

Project:

Modified:

Available options

CUS	Custom finish
FSC	Fusing
MGU	Marine grade undercoat
RAL	RAL finish



Wall luminaire · Shielded					
	LED	A	B	C	D
B66410	8.9W	10 ¹ / ₄	10 ¹ / ₈	12 ³ / ₈	4 ³ / ₈





SPECIFICATIONS

DESCRIPTION:

Compact MR16 adjustable accent fixture.
Suitable for wet/damp/dry location installations.

MATERIAL:

Standard overall material is 6061 aluminum.
HL-360 - Machined Aluminum (Standard)
HL-360-1 - Machined Stainless Steel
HL-360-2b - Machined Brass

FINISH:

AA - Anodized Satin Aluminum
AP - Powder Coat Aluminum
BK - Powder Coat Black
BZ - Powder Coat Bronze
WT - Powder Coat White
N - Natural, for Stainless Steel and Brass

HALOGEN LAMPING OPTION:

Lamp Type - 12V halogen MR16 lamp, bi-pin GX5.3 base,
50W max, not included (standard).

LED OPTIONS

Integral high output LED, warm white 85 CRI (90 available)
2700K or **3000K** Standard (**4000K**, **5000K**, & **6000K** available)

3LED - 3W LED - 180 lumens
8LED - 8W LED - 300 lumens
8LED-E - 8.4W LED - 565 lumens

OPTICS

3LED and 8LED:

SP - Spot, 12°
NF - Narrow Flood, 24°
FL - Flood, 36°

8LED-E:

SP - Spot 14°
NF - Narrow Flood, 25°
MF - Medium Flood, 30°
FL - Flood, 40°

VOLTAGE:

12 - 12 VAC output transformer required,
not included.

MOUNTING:

Fixture is designed with a 1/2-NPS adjustable
mounting stem.

OPTIONS:

Glare shields

GL-10 - Short Angled, aluminum
GL-11 - Angled, aluminum
GL-12 - Angled, brass
GL-13 - Straight, aluminum
GL-14 - Straight, brass

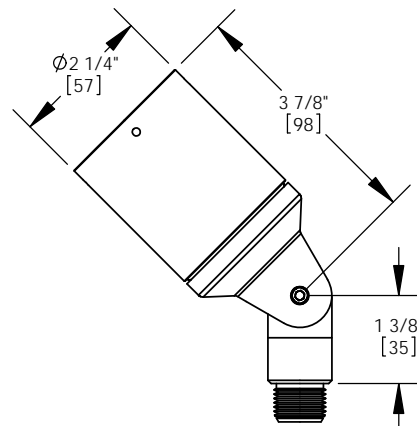
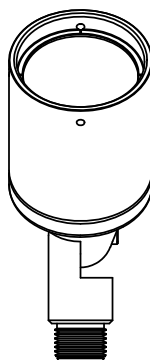
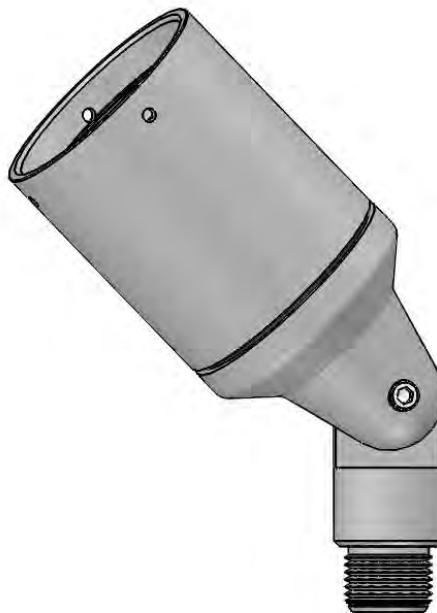
Lenses/Louvers/Color Filters

LA-1 - Hexcell Louver (Black)
LA-2 - Prismatic lens
LA-3 - Linear spread lens
LA-4 - Soft focus lens (diffused)
LA-5 - Moonlight lens
LA-6 - Blue lens

See fixture accessories for more information.

RATING:

Wet/damp/dry location.



MADE IN THE USA

ORDER SPECIFICATION: _____
Fixture Finish Lamping Voltage Options/Access.

PROJECT:

APPROVED:

NOTE:

TYPE:



HEVI LITE, INC.

9714 Variel Ave, Chatsworth, CA 91311
Tel., (818) 341-8091 - Fax (818) 998-1986
Web Site <http://www.hevilite.com>

CATALOG NUMBER:

HL-360 108

ATTACHMENT D

APPLICANT'S PROJECT DESCRIPTION



ANTHEM CHAPEL GOLETA PROJECT DESCRIPTION

**6595 COVINGTON WAY
APN 077-160-022**

**Parcel Map
Development Plan and Amendment
Minor CUP and Amendment
Voluntary Merger
Objective Design Standard Design Review**

Updated:
9 April 2025

Prepared for:
City of Goleta Planning & Environmental Review
130 Cremona Drive
Goleta, CA 93117

Prepared By:
SEPPS Land Use Consulting
Steve Welton, Principal Planner
1625 State Street, Suite 1
Santa Barbara, CA 93101
(805) 966-2758 X111
steve@sepps.com

1.0 Project Request

On behalf of the applicant, we are pleased to present this request to construct a new church for Anthem Chapel Goleta (AC). The property at 6595 Covington currently includes facilities for Christ Lutheran Church (CLC) that were permitted through a Conditional Use Permit 1965. The proposed scope includes the following:

- Subdivide the existing 3.423-acre lot into two (2) parcels.
 - Parcel 1 is proposed to be 0.881 acres and contain the existing CLC facilities including the sanctuary, parking lot and accessory structures as detailed later in this project description.
 - Parcel 1 is proposed to 2.542 acres (gross) and support the AC facilities, as further described below.
- Construct a new 2-story 22,038 SF church with classrooms and daycare.
- Exterior patios, play yards and passive recreation areas.
- Construct a 125-space parking lot including 7 ADA and 6 EV parking spaces and 25 EV ready spaces.
- Short and long-term bicycle parking and charging.
- Restore and enhance an onsite Monarch ESHA buffer with native and monarch appropriate plantings and a split rail fence.
- New 6' high max walls and fences to delineate exterior boundaries and create a waste storage area.
- Modify existing driveway and construct a new driveway on Los Carneros Road.

The new church is proposed to include a sanctuary with seating for up to 500 persons, offices and facilities for a pre-school, day care and youth groups that would serve the congregation and surrounding neighborhood.

Entitlement for the project will require the following:

- Parcel Map to subdivide the 3.423-acre property into two (2) parcels pursuant to the Subdivision Map Act and Goleta Municipal Code.
- Amendment to the Conditional Use Permit (65-CP-52) and Development Plan for CLC to revise the boundary of that CUP and clarify the entitlement.
- Minor CUP to allow an assembly use in the RS-8 zone per the Goleta Municipal Code.
- Development Plan for the new sanctuary and ancillary improvements.
- Land Use Permit for the proposed development
- Design review by Goleta DRB.

In addition, the applicant will need to obtain a Road Encroachment Permit for work within the ROW to develop the driveway access points and bring utilities to the property.

Because the Development Plan includes development that exceeds 10,000 SF in size, the Plan and the other applications related to the Anthem Chapel will be reviewed by the Planning Commission.

An **Adjustment** is requested on Lot 2 to allow a portion of the proposed sanctuary to exceed the 25' height limit. In order to accommodate the needed programming, locate the equipment on the roof and minimize the footprint on the property, the north portion of the sanctuary (to the left side of the image below) is proposed to reach 31' to the ridgeline.



The architectural team has completed a study of nearby public buildings at Stow Park, the Train Depot and a recently approved mosque for comparison and the proposed developed compares favorably. As well, the sanctuary has been intentionally set back to the SW corner of the project, well over 300' from the nearest residences on Covington Way and over 200' from Los Carneros way. The proposed sanctuary will not significantly impact public views as can be seen in renderings simulating it within the existing context on Sheets A903 and A904.

On Lot 1 with the existing church, the applicant is requesting the following adjustments:

- Request to provide less than a combination of 50% shading for the Heat Island Effect pursuant to the Municipal Code. This is an existing parking lot and there are limited ways to provide additional shading. As shown on sheet LP-2, the plans include seven (7) new trees to increase shading. However, there are no islands in the existing lot and so the new trees are located on the perimeter. Adding islands would reduce parking and the lot has existed in this configuration for 50 years. The result of adding additional trees is to improve the shading to 22% of the paved area.
- The applicant is requesting relief to providing charging for an electric bicycle. There is no infrastructure in the nearby area to bring power to the short-term bicycle parking without a significant cost.
- An existing modular classroom will extend 5' into the rear setback abutting the Anthem Lot. Christ Lutheran would prefer to keep the modular in this location. The only impact will be on the Anthem Chapel parcel.
- Fewer than 1 tree/4 parking spaces. For 43 spaces, the project requires 11 trees (rounded up). However, the parking lot abuts a solid CMU wall on the east side, limiting the number of trees that can be provided. In addition to the three existing trees, the applicant is proposing 7 more, for a total of 10.

- Relief from the requirement for a separate loading space. There is no room for a dedicated loading space. However, over the past ~50 years, trucks have parked during the week within the existing parking aisle for unloading/loading.
- Number of Parking Spaces. Christ Lutheran Church (CLC) has an aging parish, and they have striped their lot to provide wider spaces to accommodate their elderly drivers. They have also added additional ADA spaces above the required amount. As a result, the parking lot has 41 spaces, rather than the 43 required by the code. The submitted plans show a restriped lot accommodating 43 spaces, but we would like to request an adjustment to forgo the restriping and allow the Church to maintain the current striping configuration. The parish has decreased in size over the years, and they do not use their full parking lot. Please also see letter from the CLC parish.

2.0 Project Setting and History

2.1 Site Setting



View from SW corner of proposed parking lot looking NE towards Chris Lutheran Church (Google)

The project site is located at 6595 Covington Way, within an RS-8 zone, with a Land Use designation of Single Family. The property is comprised of 3.423 gross acres of primarily flat land currently developed with facilities to support Christ Lutheran Church as well as temporary tents and parking to support some Anthem Chapel functions. The property is bounded by Covington Way and residential development to the north, Los Carneros Road and farm land to the west. On the south, the property is bordered by Fire Station 14 and Stow Park facilities including the Goleta Valley Historic Society, the Stow House and the Goleta Train Depot. To the east is open space and support facilities for Stow Park Grove.

2.2 Property Permit History

The property was originally located within unincorporated County of Santa Barbara, prior to Goleta's incorporation as a City in 2002. The Church was permitted with a Conditional Use Permit and Development Plan under Ordinance 661 which preceded the current Land Use and Development Code in Santa Barbara County. At that time, the zoning for the property was designated as DR-10 (Design Residential).

May 19, 1965

SANTA BARBARA COUNTY
CONDITIONAL USE PERMIT
Case # 65-CP-52

CHRIST LUTHERAN CHURCH

This permit is issued pursuant to the provisions of Article XI of Ordinance No. 661 of the County of Santa Barbara and is subject to the following conditions and limitations. Failure to comply with any of the conditions herein stated shall be cause for revocation of this permit, in addition to any other penalties provided by law.

Said permit shall be null and void and automatically revoked if:

- 1) Within one year after the granting of such permit, construction of the buildings or structures authorized by the permit has not been commenced or, if no buildings or structures are involved, the use has not been established; or
 - 2) A use permitted under a Conditional Permit issued subsequent to the effective date of this section is discontinued for a period of more than one year
- I. A church and day school, Portion of Parcel No. 77-160-19, shall be permitted in accordance with the application of Christ Lutheran Church, Case # 65-CP-52, on property located on the southeasterly corner of Covington Way and Los Carneros Road and known as 6505 Covington Way, Goleta, subject to the following conditions:

Portion of 65-CP-52 for Christ Lutheran Church – Source: Goleta Planning Archives

The County approved a phase approach for the Conditional Use Permit and Development Plan. Phase 1, which has been completed, included a 2,550 SF church with day school, a 44-space parking lot, a 900 SF fellowship hall, and a 610 SF office/nursery. Phase 2 was to include a new sanctuary, 3 classrooms and a 110-space parking lot as well as a new access driveway from Los Carneros. A portion of phase 2, a 960 SF modular classroom, was installed in 2000 following an SCD and Land Use Rider.

The project consisted of two phases. Phase I consisted of the following:

- Construction of a church building (labeled as existing sanctuary on site plan submitted), a Sunday school building, and combination office-nursery building;
- Construction of 44 parking spaces; and
- Installation of landscaping around the Phase I area.

Phase II was proposed to consist of the following:

- Construction of a sanctuary;
- Three classrooms;
- An additional expansion area as depicted on the approved site plan;
- Construction of an additional 110 parking spaces;
- Landscaping around the new parking area; and
- New access driveway constructed off of Los Carneros Road.

Source: 2000 SCD Memorandum from SBC P&D - Goleta Archives

Of particular interest, the sanctuary, classrooms and parking lot proposed by Anthem Chapel are similar to those approved for phase 2 of the 1965 CUP and DP. A full entitlement history has been provided as Attachment "A".

3.0 Project Description

The primary intent of this project is to create a new, stand-alone parcel for the development of a church and associated youth classrooms, pre-school and daycare facilities for Anthem Chapel. The facilities will provide support for Anthem Chapel's congregation as well as daycare and nursery school opportunities for the surrounding neighborhood and Goleta residents. In order to effectuate this goal, the applicant is proposing a Tentative Parcel Map (TPM) to divide the lots, a new Minor CUP¹ and Development Plan for the Anthem Church facilities and an Amendment to the CUP and DP for Christ Lutheran Church to reflect the new property boundaries. A further discussion of these processes is provided in the sections that follow.

3.1 Tentative Parcel Map

The subject parcel totals 3.423 gross acres (3.001 net) and is zoned RS-8 which requires a minimum parcel size of 8,000 SF per lot and a minimum lot width of 75'. The parcel is proposed to be divided as follows:

Parcel	Gross Acreage	Net Acreage
1 (Christ Lutheran)	0.881	0.881
2 (Anthem)	2.542	2.120
Total	3.423	3.001

¹ Community Assembly uses such as churches are allowed in the RS-8 zone district subject to a Minor Conditional Use Permit (MU).

The proposed lot areas and widths for the subject parcels will thus easily meet the criteria set by the Chapter 17 of the City MC for new parcels in the RS-8 zone.

Chapter 16 (Subdivisions) of the Municipal Code encourages preservation of natural features on the site of a subdivision. The primary natural features on the site are in the SE quadrant of the parcel where the applicant proposes to enhance and restore a degraded buffer for Monarch Butterfly ESHA. No other sensitive or natural resources, water courses or scenic, historic points are located on the site.

A copy of the TPM has also been sent to utility providers (e.g. water, sewer, electric, telephone, internet, gas). Easements will be provided as necessary as part of the Final Map processing, if the TPM is approved.

Finding

The required finding for the City pursuant to Section 16.18.040.b of the Municipal code is that, “the urban lot split would not have a specific, adverse impact, as defined in California [Government Code](#) Section 65589.5(d)(2), on either public health and safety or on the physical environment or, if there is such an impact, there is a feasible method to satisfactorily mitigate or avoid the specific adverse impact.”

This document describes the proposed project and provides a summary of the project specific reports (e.g. biological, archaeological, acoustic, traffic) that the applicant has obtained in order that show that the project either will not have a specific adverse impact on the physical environment or that any such impacts can be mitigated or avoided. Further, the project will not be injurious to public health or safety as will be demonstrated through compatibility with the Municipal Code and through the CEQA and design review process. The project is ideally located adjacent to open space and Stow Park and another church and the proposed structure will be over 300’ from the nearest residence.

3.2 Church Sanctuary Design Features

A 22,308 SF 2-story church sanctuary is proposed on Lot 2 of the TPM. The structure will include a 500-seat sanctuary, administrative offices, kitchen/café and restrooms. It will also include classrooms for Sunday school, youth programs and a pre-school/daycare area for up to a combined 110 children, as further described in the operations section of this document.

As shown in the accompanying floor plans, the first floor includes the main sanctuary and supporting areas (i.e. green room storage, video rooms, storage) as well as a reception area, day care and pre-school facilities, restrooms, a café and fellowship area. The second-floor plan includes dedicated classroom space for Sunday school and youth groups as well as church administration spaces and restrooms. The floors are connected by elevator and stairs.

The structure is designed by Michael Holliday of DMHA to emulate an agrarian style in the Goleta vernacular (e.g., lemon packing) intended to be compatible with the adjacent developments within Stow Park and the surrounding neighborhood, open space and farms.

3.3 Landscaping, Trees, and Fencing

The proposed lot that Anthem wishes to construct the church (Lot 2) is currently undeveloped and primarily covered with non-native grasses and dirt or gravel. A landscape plan has been prepared by Kalie Grubb of Arcadia Design. The plan proposes landscaping around the perimeter of the property, and, per City standards, within the parking lot to provide screening and softening of views of the church and vehicles.

The southeast corner of the property includes new areas for passive recreation and gathering (e.g. patios) as well as a fenced outdoor play yard for the daycare and pre-school. Proposed plant materials in this area will include native species that will support butterfly foraging and restore and enhance an existing disturbed buffer for a Monarch Butterfly roosting area within Stow Park. Exterior passive recreation areas around the sanctuary will include pavers, grasses, benches, and patios. A concrete walk-way will traverse the exterior of the sanctuary, flanked on the east and west sides by two (2) ~1,500 SF wooden trellises with vines. A further discussion of the plantings in the ESHA buffer is provided in the Environmental Considerations section.

Trees

All trees on the Christ Lutheran Church site will remain. Eighteen (18) small to medium-sized non-native trees, primarily cinnamon camphora, on the proposed Anthem lot will be removed in order to accommodate grading and development of the proposed project (see Sheet LC-1 indicated with a red "X"). These trees are on the north portion of the lot and are not located within ESHA buffers.

Fourteen (14) new trees are proposed within the ESHA buffer areas to enhance the habitat and provide additional shade, softening and screening. These trees are shown in the proposed plant palette and include two 48" box oak trees and twelve 36" box sycamores. An additional 39 trees are proposed within the parking lot as described on Sheet LP-1 and shown below, for a total of 53 new trees.

PARKING LOT TREES				
CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
AM	<i>Arbutus x 'Marina'</i>	Marina Strawberry Tree Standard	15 gal	2
GP	<i>Geijera parviflora</i>	Australian Willow	15 gal	7
LC	<i>Lophostemon confertus</i>	Brisbane Box	36" Box	5
OS	<i>Olea europaea 'Swan Hill'</i>	Swan Hill Fruitless Olive	15 gal	25

WELO/Water Use

Total landscaped area will be 24,422 SF on the Anthem property. WELO calculations have been prepared by Arcadia to show consistency with State law in this regard and can be found on Sheet LI-1. As shown, the water is well below the WELO threshold. Water calculations for proposed water use were also provided to Goleta Water District as part of a water demand analysis for the existing CLC and proposed Anthem properties.

Shade Study

A parking lot shading study has been prepared by Arcadia (see Sheet LP-2) of the drawings. The proposed parking lot area comprises 44,987 SF. The heat island effect will be mitigated by a combination of canopy trees (19,204 SF) and light-colored paving (4,641 SF), providing a total of 23,645 SF and exceeding the 50% shading requirement.

Gates and Fencing

No gates are proposed. A 72" black chain-link fence is proposed to demark exterior property boundaries with CLC and Stow Park and to the north in order to provide security, without obstructing views. Where adjacent to Stow Grove Park, a 4' split rail fence is proposed and will allow small animals to easily traverse. Additional fencing, not to exceed 6' high, will be provided around the pre-school/day care play area in compliance with State law. A 3' max high stucco CMU retaining wall is proposed along the north property boundary between CLC and Anthem, as indicated on Sheet CD-1 of the civil drawings.

3.4 Parking

The church will be supported by a 125-space parking lot including required ADA and EV parking and two (2) 25' wide driveway ingress/egress points which will facilitate orderly arrivals and departures during church services. The parking area will be screened with landscaping per the requirements of MC 17.38.110.L

Community Assembly structures require 1 parking space per 50 SF of the sanctuary (assembly area). The main sanctuary is 5,624 SF, corresponding to a requirement for 110 spaces. The parking demand for the church use will far outstrip that of other uses of the property and church services will not overlap with childcare, preschool or any other uses. As a result, the proposed parking will be more than adequate to support peak demands. Please also see the parking analysis from Associate Transportation Engineers (ATE).

The proposed parking lot includes concrete pedestrian paths of travel per the Municipal code to allow a safe path of travel for attendees to the church. Please see sheet LC-1 Note 12 of the landscape plans.

As a special note, CLC and Anthem Chapel have granted permission to the Goleta Valley Historical Society (GVHS) for occasional, scheduled events within Stow House Park,

to use the subject property (dirt lot of Parcel 2), for additional parking needed to serve GVHS events. Special event parking has been granted only by permission. Anthem Chapel is not obligated to provide special event parking to GVHS, but intends to continue its “good-neighbor” sharing of its parking for GVHS special events as it has, at its own discretion, in the past.

3.5 Grading and Stormwater

Over proposed lot 2, approximately 4,200 cubic yards of cut and 560 cubic yards of fill are proposed, leaving a net export of 3,640 cubic yards without accounting for shrinkage. This grading is necessary to provide consistent drainage, safe paths of travel and to link the proposed sanctuary with the topography.

Cut and fill slopes will vary at select areas around the project site. The maximum cut and fill slope is 2:1. Retaining walls are a maximum of 3' between the sanctuary and the north property boundary.

Stormwater on the site currently runs to the SE and SW corners of the property. The design team is proposing an above-ground vegetated detention basin in the SE corner which is currently bare ground and gravel. This area is within the monarch habitat buffer, and will be planted with and surrounded by native vegetation that will provide monarch foraging and be a substantial enhancement of the current area which consists primarily of dirt and gravel. This basin also allows the site to preserve the natural flows to this area of the project site and the ESH on the adjacent property. The remainder of the stormwater will be detained under the existing parking lot within chambers and then directed to the adjacent stormwater system on Los Carneros.



3.6 Lighting

While most activities will conclude by sunset, there will be times that the sanctuary is occupied during the night hours. As well, safety and accent lighting is desirable. The exterior lighting design is in progress and will be presented at a future design review meeting. The intent is to select lighting that will be generally hooded and directed downward and that will not result in spill onto neighboring properties.

3.7 Public Improvements

The subject parcel is bounded with sidewalk, curb and gutter on the north and west side along Covington Way and N. Los Carneros Road, respectively. Bike lanes are located on either side of Los Carneros, where the parcel boundary extends to approximately the centerline.

After consultation with Associated Transportation Engineers and City Public Works, an existing driveway at the southwest corner of the property on Los Carneros is proposed to be widened to 25' to accommodate proposed two-way flows. An additional 25' wide driveway is proposed approximately 140' north along Los Carneros to facilitate ingress and egress before and after church services.

A new water meter will be located for Anthem Chapel in coordination with Goleta Water District. A new sewer lateral will connect to the existing main operated by Goleta West Sanitary District near the southwest corner of the property. An encroachment application will be filed with Public Works to review the proposed public improvement plans following project approval.

3.8 Christ Lutheran Church – CUP Amendment

As discussed previously, Christ Lutheran Church operates on a previously approved CUP and Development Plan. There are no proposed changes to CLC operations or the Development Plan with the exception of those required for conformance with Chapter 17 related to the parking lot and bicycle parking. The existing facilities are otherwise unchanged. The structures on the revised parcel will meet all required setbacks except that an existing modular classroom will be located partially within the required 25' rear setback. The applicant is requesting several adjustments from the Planning Commission to reflect the as-built nature of the existing church.

3.9 Municipal Code Development Regulations

The project is requesting that the Planning Commission approve a height adjustment for the proposed sanctuary as well as approve a setback adjustment to allow an existing accessory structure on the Anthem Parcel to be located within the rear setback. As explained within the biological report from Storrer Environmental and later in this document, the applicant is also requesting a 50' reduction to Monarch Butterfly ESHA Buffer (from 100' to 50') as outlined in Municipal Code 17.30.180.C.2.

Otherwise, the project is consistent with all Development Standards set forth in Chapter 17. A complete assessment of the Anthem project's compliance with Chapter 17 of the Municipal Code, is provided as a separate document that accompanies the application. However, in general:

- **Setbacks.**
 - The proposed project as shown in the plans meets the required setbacks for the RS-8 zone including a 20' setback along Los Carneros and Covington Way. 10' interior structural setbacks are also provided. In the rear, the property abuts Stow Park, a permanently dedicated open space, and thus the required setback is 15'.
 - Pursuant to Section 17.38.070, the parking has been located at least 10' from the public ROW. No parking setback is otherwise required under the ordinance.

- **Height.** The proposed church will be two stories, with a maximum height of 31'. However, most of the footprint will be below the 25' height limit.
- **Fences.** All proposed fences and walls are 6' high or less and meet all vision clearance requirements.
- **Lot Coverage.** The RS-8 zone does not have a maximum lot coverage provision. The Maximum Floor Area restrictions of section 17.07.040 apply to single family dwellings and are not applicable to the proposed church.
- **Minimum Lot Width and Area.** Each parcel exceeds the minimum lot area and width.
- **Parking.** The proposed lot will meet the needs of Anthem Chapel without overparking and will serve as an asset to the community. Electric Vehicle charging, loading and ADA vehicle spaces have been provided as well as short and long-term bicycle spaces, per code.
- **Waste Areas.** A fenced and roofed waste and recycling area has been provided on the plan and will not be located within the front setback or visible from the public ROW.
- **Mechanical Equipment.** All Mechanical equipment will be located on the roof and screened shown in the accompanying plans.
- **Utilities.** All public utilities within the site will be located underground.

Conditional Use Permit and Development Plan

Churches are allowed within the RS-8 zone subject to a Minor Conditional Use Permit (CUP). The project is subject to a Development Plan and, because the project exceeds 10,000 SF, the decision-maker for the entire project is the Planning Commission. Findings for the CUP and Development Plan are provided separately with the application

Statistics

Most project statistics are provided on the coversheet of the architectural plans. Additional statistics can be found within the landscape, civil and architectural plans and are reproduced in this project description, where appropriate.

4.0 Anthem Operations

4.1 Operating Days and Hours

Church Services

Anthem Chapel religious services generally occur three (3) days per week. There are three (3) services on Sunday and one service held during weekday evening for a total of four (4) services per week.

- Sunday services typically occur between 8AM and 9PM
- Weekday evening services typically occur between 6PM and 9PM

Additional services are offered for Christmas, Easter and other special occasions. Clergy and other church personnel arrive earlier and stay later.

In addition to providing worship services, Anthem Chapel offers bible study and other services:

- Youth groups of between 50-100 children on Tuesday and Thursday evenings
- Weddings (around 26/year) with up to 300 people during the day
- Memorials (around 30/year) with up to 300 people
- Bible Study (daily) for around 75 people
- Office Staff will generally be onsite M-F between 7AM-6PM with additional employees and clergy during large services.

In order to preserve parking, weddings and memorials will be scheduled so as not to overlap school or other church services.

Pre-School and Day Care

Anthem Chapel is proposing to offer preschool and day care facilities for the congregation and the Goleta neighborhood. The preschool and daycare will each accept up to 55 children. The facilities would be open M-F at approximately these hours:

Day Care 8AM-5PM (some aftercare may be made available)
Preschool 9AM-1PM

A drop off and pick-up area would be provided at the west side of the church on weekday mornings and afternoons by coning off parking spaces in that area. School staff would facilitate drop-offs to ensure that the queuing area does not spill into Los Carneros.

A fenced yard (as required by law for day care facilities) is proposed south of the church to provide an outdoor play area for the children. Additional play areas will be made available inside the church.

4.2 Employees

Services and activities at Anthem Chapel are supported by its clergy, administrative staff and volunteers.

A table of estimated employees follows:

Use	Employees ²
Church	12 office and clergy
Day Care	12
Preschool	12 (part time)
Total	36

Additional staff and volunteers are employed for Sunday services and special events.

For alternative transportation, the church will offer bicycle parking and encourage carpooling. Bus stops are located nearby, just 500 feet north of the church at Cathedral Oaks and Los Carneros.

4.3 Special Events

In addition to standard services as discussed above, the church also hosts some special events as follows:

Fall Festival. A one-day event held during daylight hours for about 450 people with a peak attendance of 300. The event is indoors and outdoors and runs for about 3 hours, typically from around 5PM-8PM. This event includes activity booths and games and is open to the public and neighborhood and typically includes some exterior amplified music.

Christmas Launch. This is also a one-day event with approximately 450 parishioners and members of the public expected over a 3-hour period, with peak attendance of 300 persons. During the launch, a Christmas tree is lit and there are activity booths, games and music both inside and outside.

All Church BBQ. This event is held about 10 times per year after Sunday services for parishioners

Vacation Bible School. Held for about 15 days during the summer for up to 400 children including parishioners and members of the public. Typical hours are 8AM-5PM. The school is held both inside and outside.

Conferences. Up to four (4) religious conferences are anticipated annually approximately 300 people. Attendees would mostly be inside but would use the exterior passive recreation areas for breaks, meals, and discussion groups. These typically take place on Friday evening or Saturday morning and run through Saturday evening.

² when operating at full capacity

The Fall Festival, Christmas Launch, vacation bible school and religious conferences would be scheduled so as not to overlap with other church services.

The proposed siting of the church was intentionally selected to be as far as possible (about 300') from residential uses while still allowing for a protected outdoor area for passive recreation. While most activities occur inside, the exterior recreation areas are provided on the south side of the church, so that the structure will provide a significant sound barrier for neighbors to the north. Further measures to reduce potential noise impacts from exterior events are discussed within the environmental considerations.

Parking for these events is expected to be accommodated on site. As described earlier, the church also maintains a by-permission relationship with GVHS to allow parking for special events.

4.4 Waste and Recycling

Fenced and roofed waste and recycling facilities will be provided within enclosed areas meeting City of Goleta standards. The facilities are shown on the proposed plans.

A Solid Waste Management Plan to help reduce food waste generation will be prepared and submitted following the entitlement phase. During demolition and construction activities, the contractor and applicant will work with Marborg to achieve recyclable standards and minimize waste sent to landfills.

5.0 Environmental Considerations

5.1 Aesthetics

The proposed sanctuary is located on a large lot at least 300' from the nearest residences and more than 200' from any public road. The design is intended to be consistent with the Goleta agrarian aesthetic. It will not obscure mountain views from public roads. The area around the sanctuary includes a number of tall trees that provide a pleasant backdrop for the architecture. The project will receive design review by the Design Review Board (DRB) as part of the City's review.

5.2 Air Quality and Greenhouse Gas Emissions

The proposed sanctuary is expected to have minimal long terms impacts on air quality during operations, not dissimilar to the baseline. Standard construction BMPs with regard to vehicles, soil movement, etc. are expected to apply and adequately address potential impacts, during development of the project. The project will be subject to standard construction related conditions as imposed by APCD.

5.3 Biological Resources

A Biological Resources Assessment has been prepared by Jessica Peak and Storrer Environmental Services. The report identified potential resources including special status

plant and wildlife species (including raptors) and Environmentally Sensitive Habitat Areas (ESHA).

The applicant proposes to implement mitigation measures to avoid significant impacts to biological resources including tree protection fencing, avoiding pesticides, watering during construction, construction limitations and additional measures for Monarch habitat protection and raptor nesting discussed below.

Monarch ESHA

As noted in the adjacent report, a Monarch overwintering site (Site 72) and historic raptors nests are located on the adjacent City-owned Stow Park site. The onsite contributing habitat was mapped by Storrer Environmental in coordination with the Xerxes Society. This corresponding ESHA is larger than what is currently mapped in CE Figure 4-1. Based on the updated ESHA, the a 100' ESHA buffer from the Monarch site would extend on to the subject property. As shown on Sheet AS101, this buffer also extends into the City Parking Lot, GV Historical Society, Stow House, Fire Station 13 and the Railroad Museum. Site 72 has not supported roosting butterflies for many years, but remains a possible future site.

The applicant is requesting a reduction in the ESHA buffer from 100' to 50' as allowed under the municipal code and the City General Plan as further explained in the biological report on page 26. As identified in the report and in the accompanying plans, the existing buffer area on the project site is currently used for parking and events and is composed of gravel and dirt. No structures are proposed within 100' of the ESHA. The applicant plans to the area between 51-100' of the revised ESHA boundary for passive recreation with permeable pavers and to plant native trees, grasses and plants. A 4' high wooden split rail fence is proposed at 50' from the ESHA to discourage human intrusion and provide further protection of the buffer. Within the 50' buffer, additional native pollinator species, trees (oaks and sycamores) and shrubs are proposed, totaling .22 acres of restorative plantings within the buffer and a total of 14 native trees (12 sycamores and 2 oaks). These resources will provide additional foraging for the Monarchs as well as wind protection for site 72. As discussed earlier in the report, a stormwater detention basin is also proposed in this area and will be planted and surrounded by the native plants and trees discussed above. Please see accompanying plans and rendering of this restored area in the project plans.

A Monarch Butterfly Protection Plan has also been prepared by Storrer and is included as an attachment to the Biological Resources Analysis. This plan includes additional overwintering surveys, environmental awareness training, protective fencing, monitoring and the aforementioned Habitat Enhancement.

Raptors

Historic raptor nests have been observed on the neighboring Stow Park property. In order to avoid impacts to raptor nesting (and other birds), the applicant is proposing pre-construction surveys if construction is proposed during the bird nesting season (February 1st to August 31st).

5.4 Cultural Resources

A Phase 1 Archaeological Resources Report was prepared by David Stone and Stone Archaeological Consulting. A project site survey was performed over 3 days. No prehistoric or historic cultural resources were identified during the surveys. Combined with the accompanying research, Mr. Stone concluded that the likelihood of encountering culturally significant materials would be low and that the proposed projects impact on cultural resources is less than significant, with certain mitigation measures. The applicant proposes to incorporate the suggested mitigation measures including a Worker Environmental Awareness Program prepared by an archaeologist.

The report was sent to Chumash tribal representatives on May 28th and received feedback from a Northern Chumash representative requesting that the Coastal Band of the Chumash Nation should be contacted in the unlikely event that resources are encountered during construction.

5.5 Geology/Soils

There are no special geology or soils conditions on the property. The only mapped soil is Milpitas-Positas fine sandy loam, which is a moderately well drained soil. A soils report was obtained to assist the civil engineer in designing stormwater treatment and for foundation requirements.

5.6 Hydrology/Water Quality

Kelley Flowers and Associates has designed the stormwater system to be treated and detained on site in two locations 1) underneath the proposed parking lot in chambers 2) within an above ground detention and retention basin in the SE corner of the property as shown on the civil plans.

5.7 Land Use Planning and Policy Consistency

Please see the separate policy consistency analysis and findings documents that accompany the application.

5.8 Population/Housing

As discussed in the Operations section, the project is expected to generate roughly 12-18 new full-time equivalent jobs for the day care and preschool. Office staff and clergy are already employed by Anthem and aren't expected to increase as a result of this project. City of Goleta General Plan policy HE 2.2 (Linkage of Housing and Jobs) requires

applicants to offset potential employee housing impacts. One method is via payment of impacts fees associated with the additional employment, as calculated by the City. The applicant will be requesting a reduction in fees due to the beneficial nature of providing day care and pre-school services.

5.9 Transportation/Traffic

A Traffic, Parking and VMT Study has been prepared by Scott Schell and Associated Traffic Engineers (ATE) to evaluate the potential transportation impacts.

5.10.1. Trip Generation and Circulation

A trip generation analysis was conducted based on the proposed project description including the church, day care and pre-school activities. A total 71 AM and 39 PM Peak Hour Trips (PHTs) and 428 week-day trips are forecast (note that the Pre-school will close at 1PM). Using these figures, a project distribution to neighboring streets and intersections was assigned. After analyzing the information, it is projected that the project will be consistent with City intersection standards.

ATE also studied the proposed driveway circulation and worked with the design team to optimize the layout of the parking lot and driveways. Level of Service analysis was done on the proposed two driveways, demonstrating that the driveways would operate in a manner consistent with City driveway and site distance standards.

5.10.2. Parking

The City of Goleta Municipal code was consulted in calculating the required parking for the various proposed uses. The weekend use for the church had the highest number of required parking spaces, totaling 110. The proposed parking is 125 spaces which satisfies the City's parking requirements.

5.11.3 Vehicle Miles Travelled (VMT)

Updates to the CEQA guidelines adopted in 2018 designate VMT as the appropriate measure of transportation impacts, from an environmental perspective. The City of Goleta correspondingly published a VMT thresholds study in 2020 to replace the LOS metric that was previously in place. In evaluating potential impacts from VMT, ATE analyzed the Church and School/Day Care uses separately, as recommended in the City Guidelines Manual. The projected church VMT was calculated using the City VMT calculator which resulted in a determination that the church use would have a less than significant impact. ATE determined that there is justification under City guidelines such that the school and day care uses may be screened out using criteria applicable to local

serving uses which do not increase VMT. Based on the above evaluation, ATE concluded that the Project satisfies the City VMT criteria.

5.10 Utilities/Service Systems

Adequate utilities as well as police and fire protection are available to service the site and the proposed project will not put an undue burden on these services. All utilities will be brought in underground to the subject property.

5.10.1. Goleta Water District

The property is currently served by Goleta Water District. The applicant has filed an application for new water service to divide the existing water supply and purchase additional water to support the proposed development. A Preliminary Water Service Determination letter has been issued by the district and provided with the COG application to support the existing and proposed uses.

5.10.2. Goleta West Sanitary District

The property is located within the Goleta West Sanitary District boundaries. Preliminary information has been provided to GWSD and an Intent to Serve letter from the District is included with this application.

5.10.3. Santa Barbara County Fire Department

The applicant team met twice with County Fire to share progress plans and discuss fire department requirements. An existing fire hydrant near the SW corner of the property and just north of an existing driveway will be maintained, or relocated if directed by County Fire. The proposed structure will include fire sprinklers.

The project was designed to accommodate emergency vehicle access, including access to the rear of the sanctuary, as shown on the project plans. Plans will be routed to County Fire for their further review.

6.0 Project Benefits

The proposed project will provide substantial and significant benefits to the surrounding community and to the environment as detailed below.

- Meets the needs of hundreds of existing Anthem Chapel Goleta parishioners
- Provides a Community Child Care Facility – a community priority
- Offers a pre-school for local residents.
- Create new community assembly and meeting spaces.
- Opens up additional community parking opportunities for visitors at Stow Park
- Restore an unvegetated ESHA buffer with .22 acres of native plants, grasses and shrubs with Monarch foraging options and native trees which will provide an improved windbreak

- Improves on-site storm water detention and treatment.
- Complements Stow Park and the neighborhood with attractive architecture and landscaping of a primarily bare gravel lot.

7.0 Project Justification and Findings

Project justification documents, describing the project's consistency with required findings, have been prepared separately and included within the application package with the forms provided by the City of Goleta.