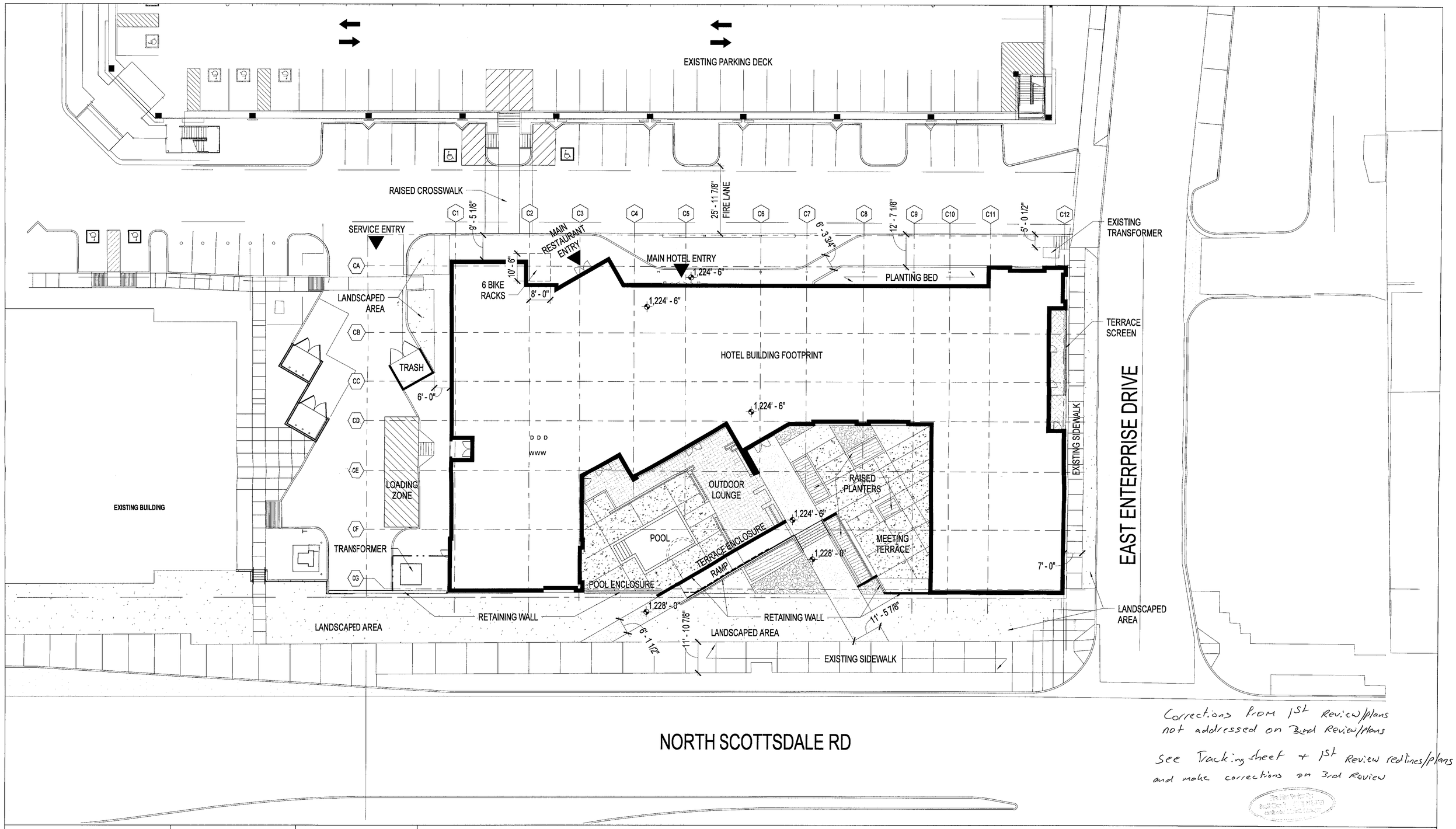


Corrections from 1st Review plans not addressed on 3rd Review plans

See Tracking sheet of 1st Review redlines/plans and make corrections on 3rd Review

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | SITE PLAN |
|---|---|---|---|

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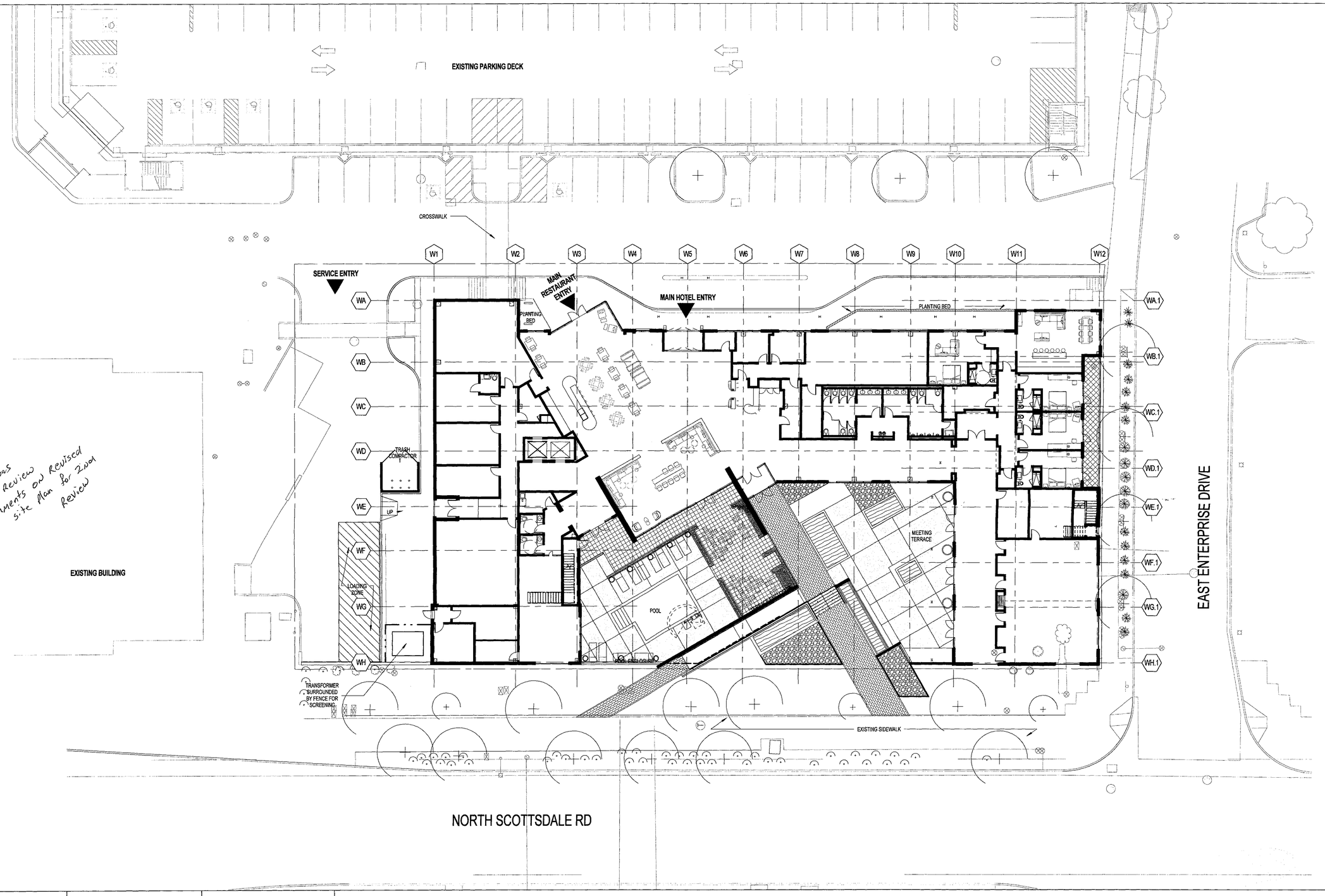


Provide corrections to case Review comments on Revised site plan for 2nd Review

| PROJECT NO. 20160107.00 | REVISION NO. 000 | DATE 05/18/2017 | *Notes* | SITE PLAN |
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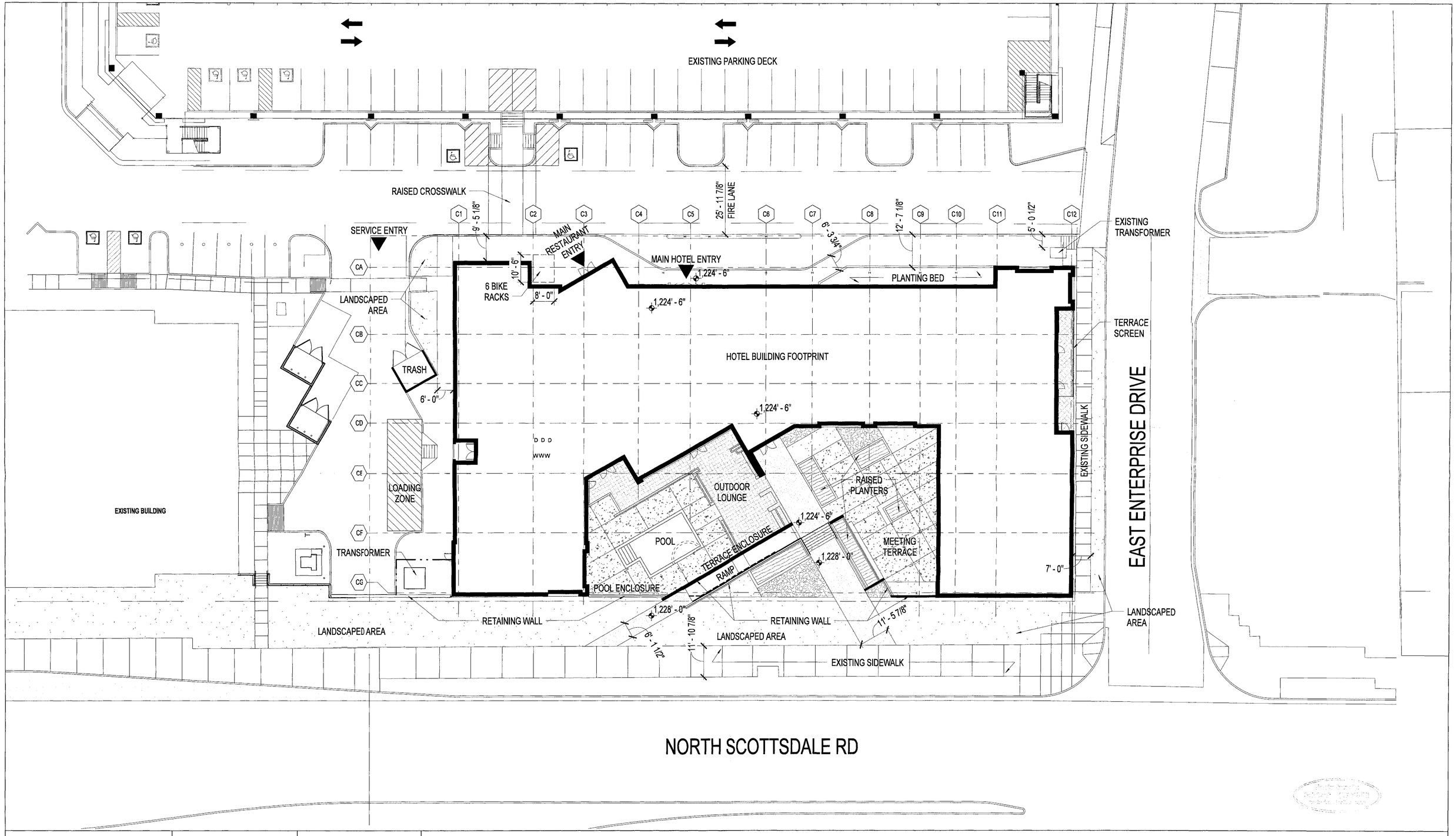


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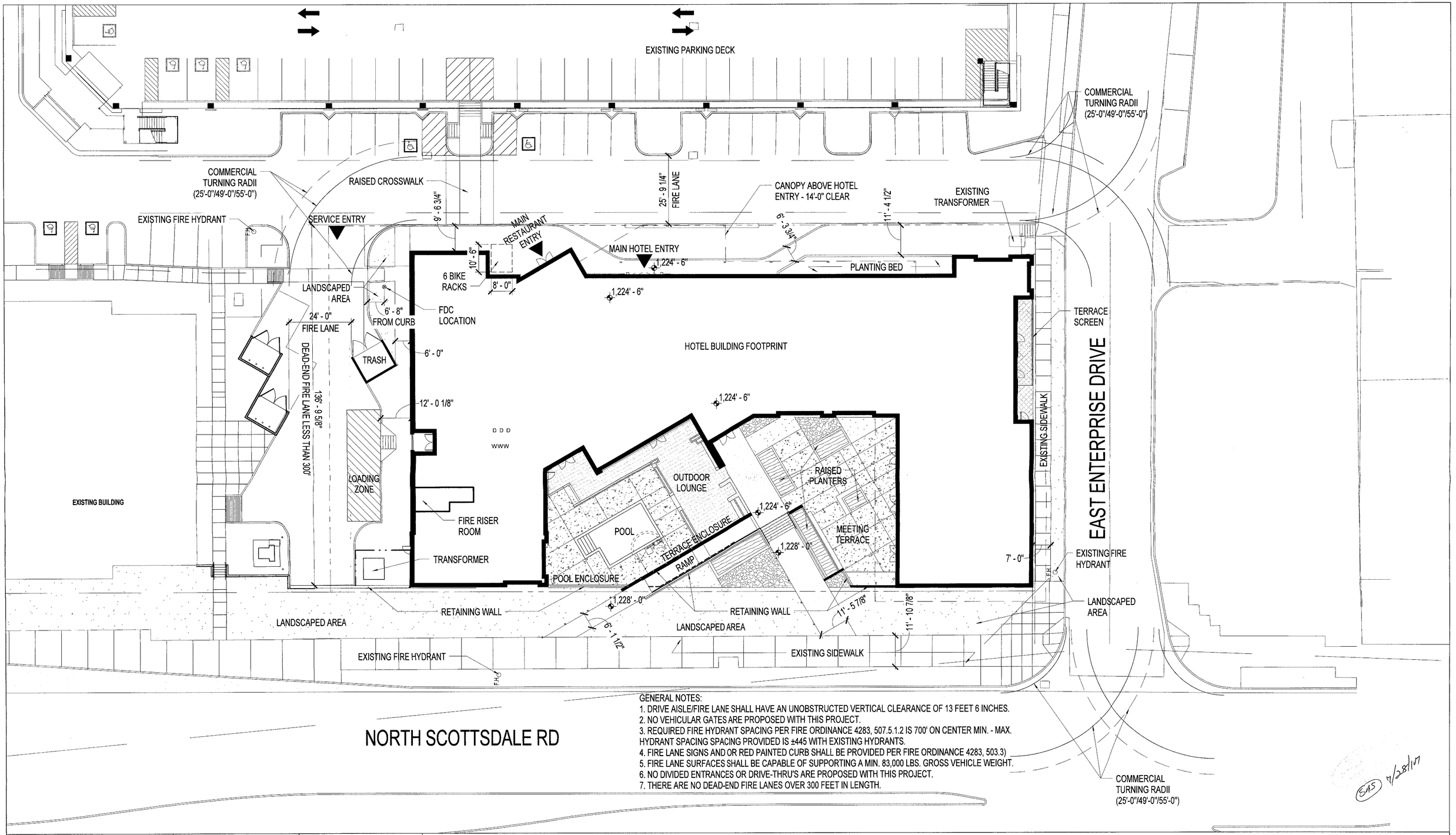


GENERAL NOTES:
1. DRIVE AISLE/FIRE LANE SHALL HAVE AN UNOBSTRUCTED VERTICAL CLEARANCE OF 13 FEET 6 INCHES.
2. NO VEHICULAR GATES ARE PROPOSED WITH THIS PROJECT.
3. REQUIRED FIRE HYDRANT SPACING PER FIRE ORDINANCE 4283, 507.5.1.2 IS 700' ON CENTER MIN. - MAX. HYDRANT SPACING SPACING PROVIDED IS ±445 WITH EXISTING HYDRANTS.
4. FIRE LANE SIGNS AND OR RED PAINTED CURB SHALL BE PROVIDED PER FIRE ORDINANCE 4283, 503.3)
5. FIRE LANE SURFACES SHALL BE CAPABLE OF SUPPORTING A MIN. 83,000 LBS. GROSS VEHICLE WEIGHT.
6. NO DIVIDED ENTRANCES OR DRIVE-THRU'S ARE PROPOSED WITH THIS PROJECT.
7. THERE ARE NO DEAD-END FIRE LANES OVER 300 FEET IN LENGTH.

EAS 7/28/17

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | SITE PLAN |
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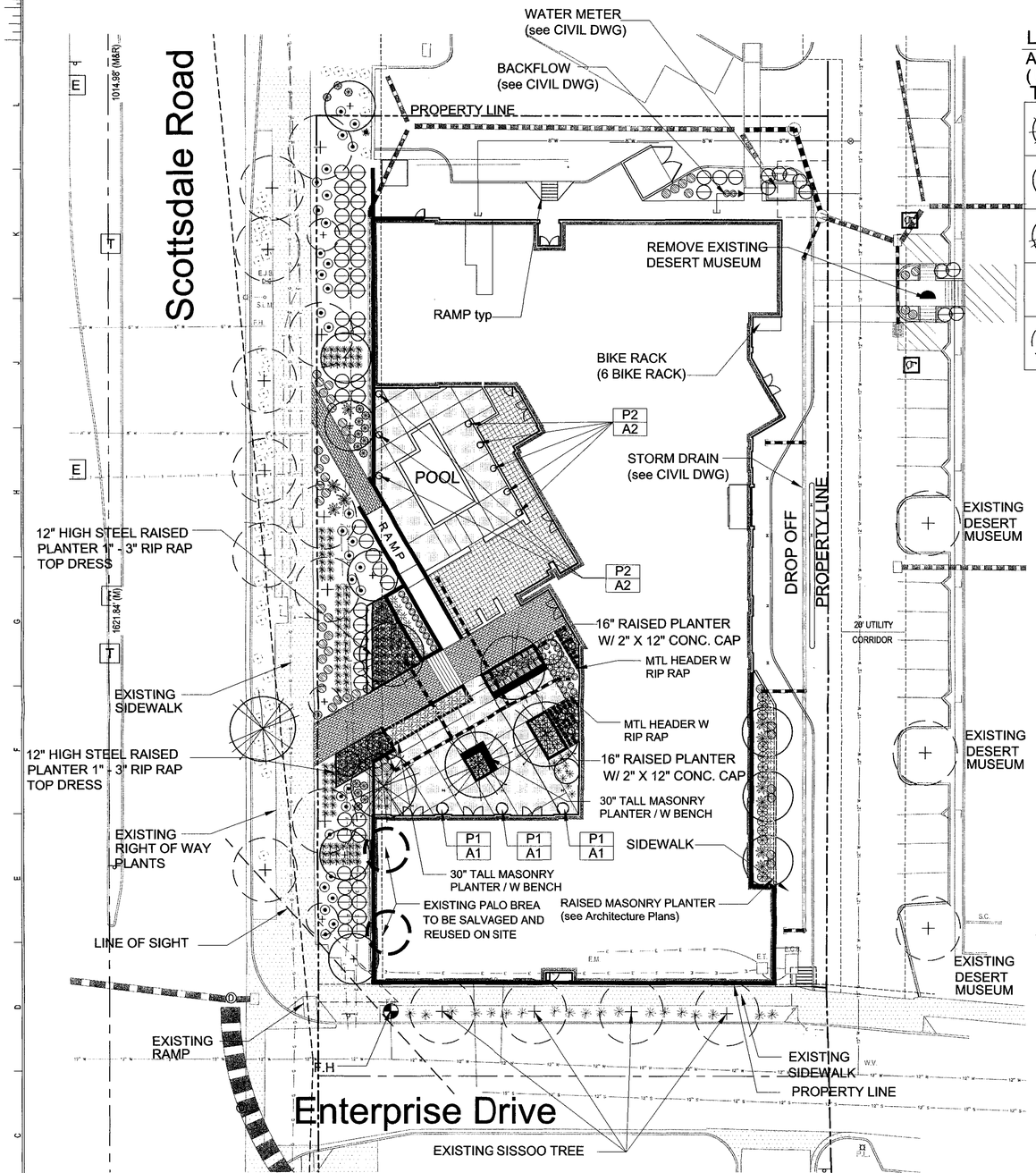



# Preliminary Landscape Plan

0 10' 20' 40'
SCALE: 1" = 20'

## EXISTING LANDSCAPING AND IRRIGATION NOTES:

1. SITE VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE LANDSCAPE ARCHITECT IMMEDIATELY.

ALL PLANT MATERIAL DESIGNATED AS "EXISTING TO REMAIN" SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.

## LANDSCAPE LEGEND

ALL TREES TO MEET OR EXCEED A.N.A. SPECIFICATIONS
( U.O.N. - UNLESS OTHERWISE NOTED )

| TREES | CALIPER | QTY |
|---|---|---|
| Parkinsonia hybrid Desert Museum | 2" cal. low breaking, stand. | 06 |
| Caesalpinia mexicana Evergreen Bird of Paradise | 2" cal. multi-trunk, matching | 15 |
| Relocated Palo Brea transplanted from site | Equal to 60" Box | 04 |
| Specimen Cereus Cacti Minimum 5, arm all arms minimum | 4' tall | 07 |
| Existing Tree to remain and be protected | varies | |

| SHRUBS / ACCENTS | SIZE | QTY |
|---|---|---|
| Asclepias subulata Desert Milkweed | 5 gallon | 18 |
| Tecoma alata 'Orange Jubilee' Orange Jubilee | 5 gallon | 63 |
| Hesperaloe parviflora "Perpa" Brake Light "Perpa" Yucca | 5 gallon | 123 |
| Ruellia peninsularis Desert Ruellia | 5 gallon | 35 |
| Echinocactus grusonii Golden Barrel Cactus | 10" diameter matching | 47 |
| Euphorbia rigida Gopher Plant | 5 gallon | 51 |
| Dasylirion quadrangulatum Toothless Desert Spoon | 5 gallon | 38 |
| Agave americana `Marginata` Variegated Century Plant | 5 gallon | 16 |
| Aloe barbadensis Medicinal Aloe | 5 gallon | 32 |
| Pedilanthus macrocarpus Lady Slipper | 5 gallon | 44 |

| GROUNDCOVERS | SIZE | QTY |
|---|---|---|
| Lantana montevidensis Trailing Lantana ' Gold mound' | 5 gallon | 69 |
| Decomposed Granite 3/4" Screened Apache Brown 2" min thickness in all landscape areas Submit samples to Landscape Architect | | |
| Granite Rip rap- 1" to 3" Apache Brown 3" min thickness in designated landscape areas and splash pad locations | | |

## GENERAL BUILDING FOUNDATION / IRR. NOTES:

POSITIVE DRAINAGE NEEDS TO BE MAINTAINED FROM THE BUILDINGS EXTERIOR WALLS FOR A MINIMUM OF 10'. NO IRRIGATED LANDSCAPE MATERIALS WITHIN THE FIRST 3' NEXT TO THE BUILDING FOUNDATION. WITHIN 3'-5' OF THE BUILDING FOUNDATION ONLY LANDSCAPE MATERIALS THAT CAN BE IRRIGATED WITH A 1 GPH EMITTER ARE ALLOWED. ANY LANDSCAPE MATERIALS REQUIRING AN EMITTER GREATER THAN 1GPH, INCLUDING TURF SHALL BE A MINIMUM OF 5' FROM THE OUTSIDE FACE OF THE BUILDING FOUNDATION. ALL IRRIGATION LINES, OTHER THAN THOSE SUPPLYING INDIVIDUAL EMITTERS SHALL NOT BE PLACED WITHIN 5' OF THE BUILDING FOUNDATION.

| LANDSCAPING CALCULATIONS: | |
|---|---|
| OFF SITE (EXISTING | 2,692 SF) |
| ON SITE (NEW | 8,257 SF) |
| PARKING (EXISTING | 2,358 SF) |
| PARKING (NEW | 188 SF) |
| TOTALS: | 13,495 SF |

## POT LEGEND

DAVIS COLOR 8084

POT CALL OUT TYPICAL

P1 — POT SCHEDULE TAG
A1 — PLANTING SCHEDULE TAG

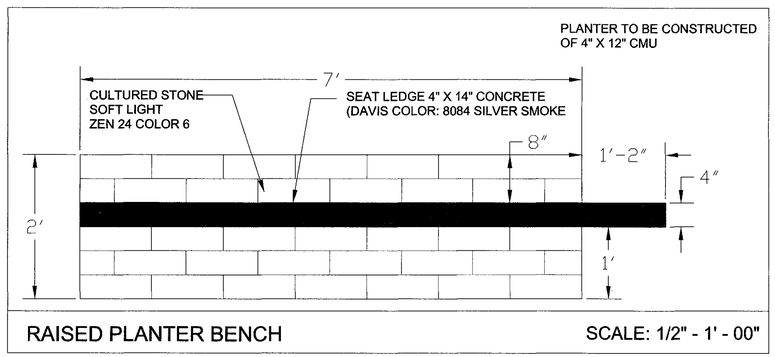
POT SCHEDULE

TAG MODEL # / SIZE / COLOR

P1 MODEL: KORNEGAY CONCRETE POT DS-32
P2 MODEL: KORNEGAY CONCRETE POT RS-21

PLANTING SCHEDULE

| TAG | BOTANICAL NAME | SIZE |
|---|---|---|
| A1 | PENCIL CACTUS | 15 GALLON |
| | YELLOW DOTS | 1 GALLON |
| A2 | PINDO PALM | 15 GALLON |
| | RED DALLAS LANTANA | 1 GALLON |




RAISED PLANTER BENCH — SCALE: 1/2" - 1' - 00"

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9.21.17
DATE INITIALS

Two working days before you dig CALL FOR THE BLUE STAKE 263-1100 Blue Stake, Center CALL COLLECT

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ATLANTA NEW YORK WASHINGTON

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REGISTERED LANDSCAPE ARCHITECT CERTIFICATE NO. 30088 HARDY A LASKIN 8.8.2017 Date Signed ARIZONA, U.S.A. Expires 8/31/19

| ISSUANCES | | |
|---|---|---|
| No. | Drawing Issue Description | Date |

LASKIN & ASSOCIATES, INC.
LANDSCAPE ARCHITECTS
67 E. Weldon Ave.
Suite 230
Phoenix, Arizona 85012
p (602) 840-7771
f (602) 840-9021
www.laskindesign.com

ELEMENT HOTEL @ SKYSONG

1345 NORTH SCOTTSDALE RD,
SCOTTSDALE, AZ 85257

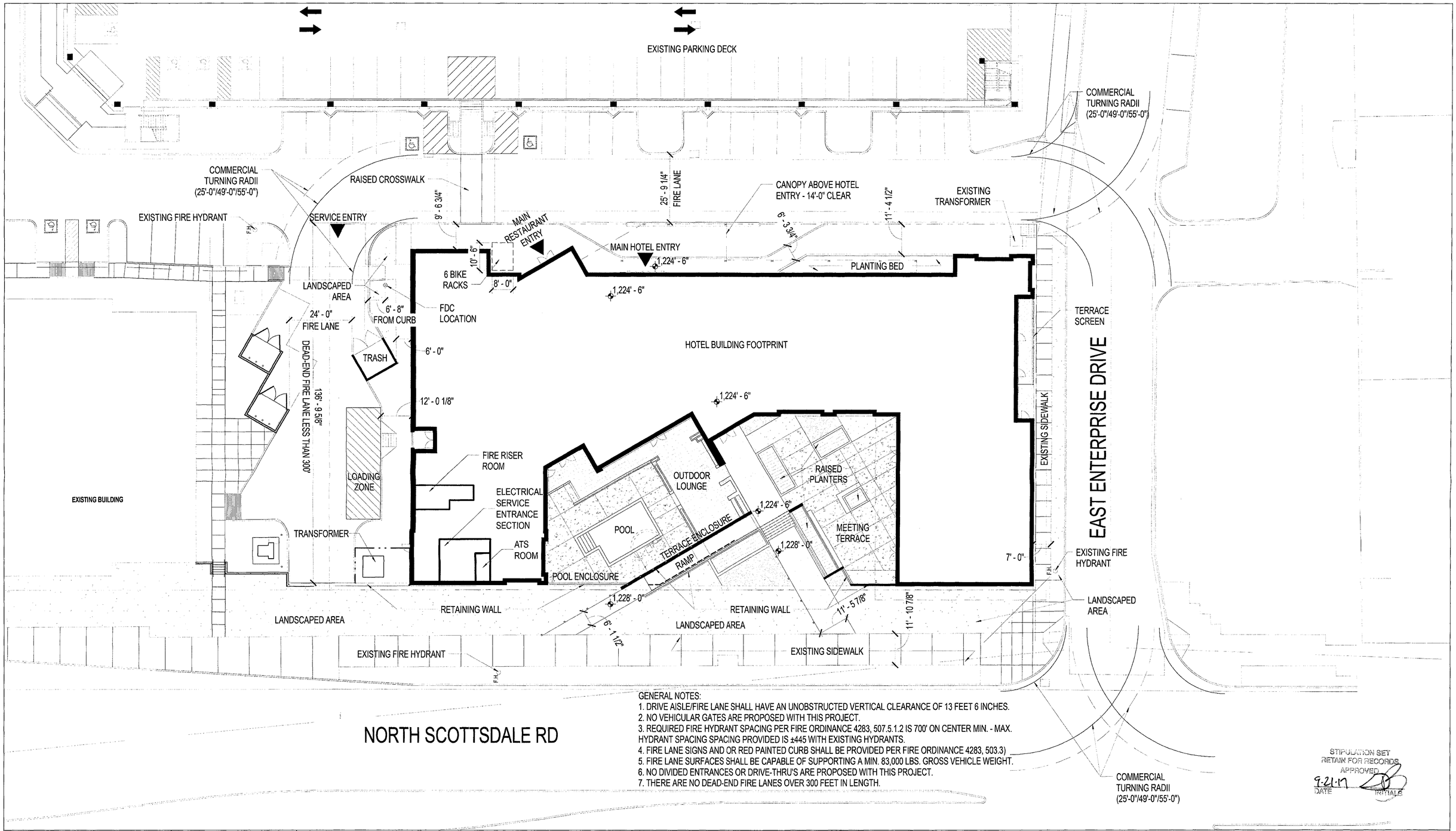
JACKSON SHAW

PRELIMINARY
LANDSCAPE
PLAN

| | |
|---|---|
| Designer | 20160107 |
| Hardy Laskin | Project No. |
| Approver | 08/08/17 |
| Daniel Dodson | Date |
| Checker | |
| Daniel Dodson | |
| Author | |
| Daniel Dodson | |

LA.01

24-DR-2017
08/11/2017
Drawing No.

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9.21.17
DATE
INITIALS

| PROJECT NO. 20160107.00 | REVISION NO. 002 | DATE 08/09/2017 | SITE PLAN |
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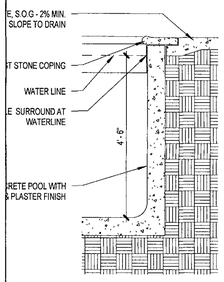
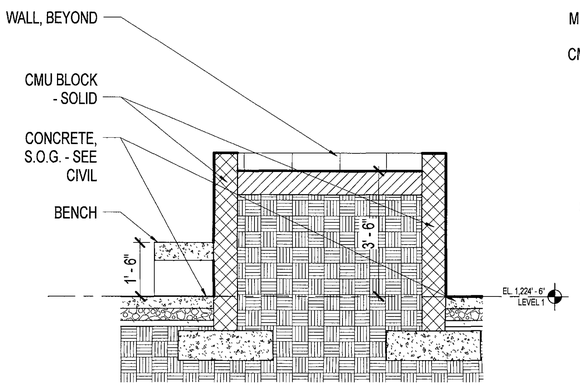
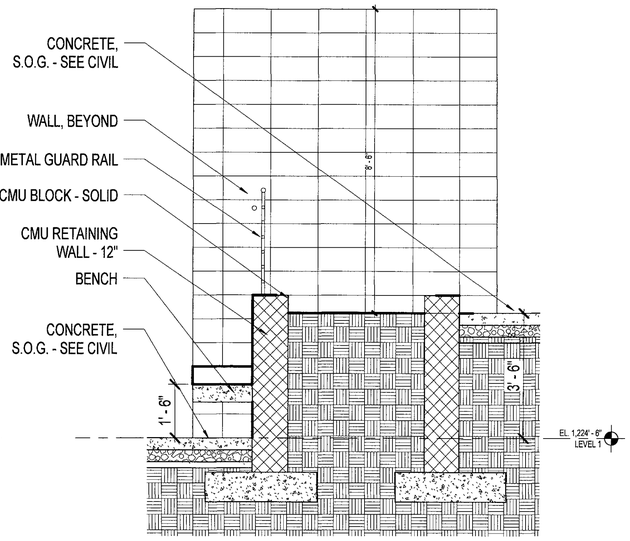


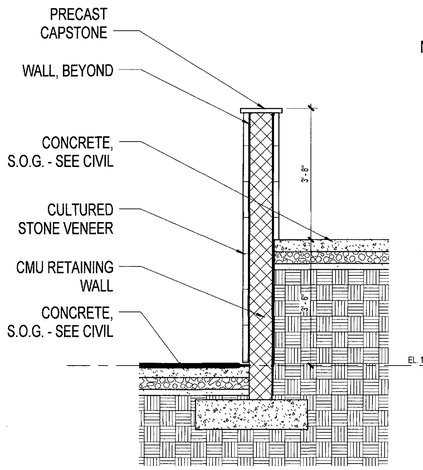

8 SS — SITE SECTION AT POOL
SCALE: 1/2" = 1'-0"



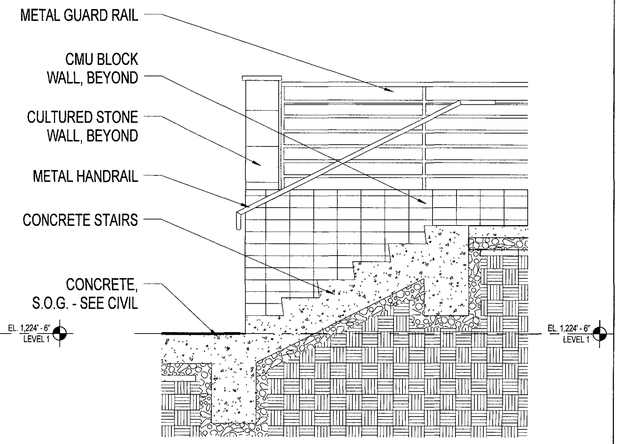

5 SS — SITE SECTION AT RAISED PLANTER WITH BENCH
SCALE: 1/2" = 1'-0"



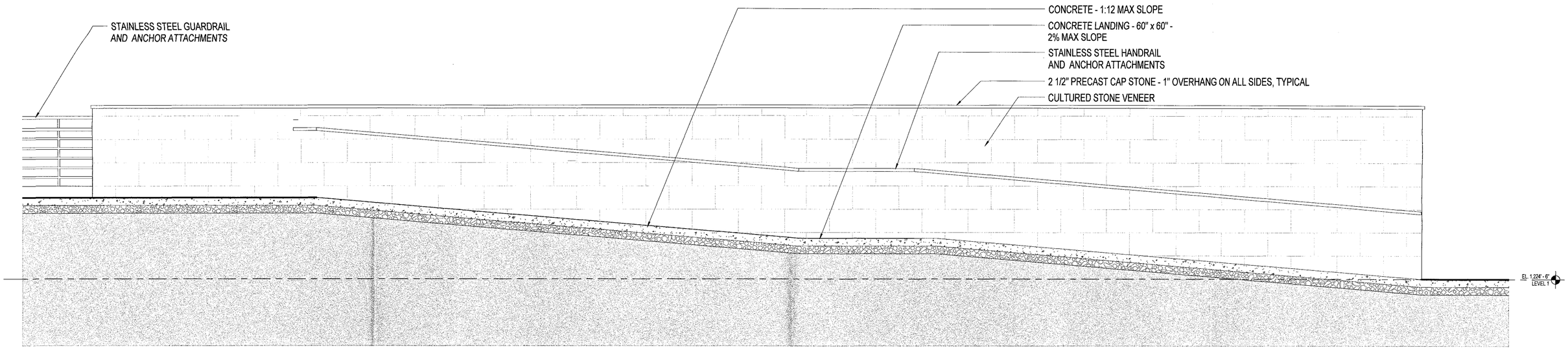

4 SS — SITE SECTION AT PLANTER & BENCH 1
SCALE: 1/2" = 1'-0"




3 SS — SITE SECTION AT RETAINING WALL
SCALE: 1/2" = 1'-0"




2 SS — DRB SITE SECTION 1
SCALE: 1/2" = 1'-0"




1 SS — SITE SECTION AT COURTYARD ENTRY RAMP
SCALE: 1/2" = 1'-0"

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SITE DETAILS

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# SKIN SYSTEM NOTES

## SKIN SYSTEM #1 - EIFS

EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) CONSISTING OF ADHESIVE, EXPANDED POLYSTYRENE (EPS) BOARD, BASECOAT WITH EMBEDDED REINFORCING FABRIC MESH, PRIMER, AND FINISH COAT. SYSTEM INSTALLED OVER A ROLL ON WATER-RESISTIVE BARRIER AND FLASHING MEMBRANE APPLIED OVER SHEATHING, CONCRETE OR CMU WITH AIR BARRIER. VERTICAL RIBBONS OF ADHESIVE APPLIED TO BACK OF INSULATION BOARD TO FORM CHANNELS FOR DRAINAGE. USE THE FOLLOWING PAINT COLORS FOR DIFFERENT PORTIONS OF THE EIFS SYSTEM:
COLOR 1 - BENJAMIN MOORE FAIRVIEW TAUPE HC-85
COLOR 2 - BENJAMIN MOORE WAYNESBORO TAUPE 1544
COLOR 3 - BENJAMIN MOORE ELMIRA WHITE HC-84
COLOR 4 - BENJAMIN MOORE TAWNY ROSE 2173-20

## SKIN SYSTEM #1 - ALT - STUCCO

PROVIDE A FORMED METAL WALL PANEL WITH CONCEALED FASTENERS (CENTRIA PROFILE CS-200 USED AS BASIS-OF-DESIGN). PROVIDE FACTORY-MITERED OUTSIDE CORNERS AND MATCHING METAL EXTRUSIONS AT PANEL END JOINTS. PROVIDE A PERMEABLE FLUID-APPLIED AIR BARRIER (HENRY AIR-BLOCK AS BOD) APPLIED TO EXTERIOR SHEATHING BOARD ON WOOD FRAMING WITH FIBERGLASS BATT INSULATION AND PAINTED 5/8" GWB INTERIOR FINISH AT ENCLOSED SPACES. PROVIDE FLEXIBLE FLASHING MEMBRANE AT ALL PANEL TERMINATIONS WITH STAINLESS STEEL FLASHING AT THE BASE OF THE PANELS. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS. WHERE ADJACENT TO FINISHED INTERIOR SPACE, PROVIDE MIN. R-20 INSULATION IN THE WALL CAVITY. USE THE FOLLOWING PAINT COLORS FOR DIFFERENT PORTIONS OF THE STUCCO SYSTEM:
COLOR 1 - BENJAMIN MOORE FAIRVIEW TAUPE HC-85
COLOR 2 - BENJAMIN MOORE WAYNESBORO TAUPE 1544
COLOR 3 - BENJAMIN MOORE ELMIRA WHITE HC-84
COLOR 4 - BENJAMIN MOORE TAWNY ROSE 2173-20

## SKIN SYSTEM #2 - FORMED METAL WALL PANEL

PROVIDE A FORMED METAL WALL PANEL WITH CONCEALED FASTENERS (CENTRIA PROFILE CS-660 IN COLORS USED AS BASIS-OF-DESIGN [SEE ENLARGED ELEVATIONS FOR COLOR LOCATIONS]) WITH INTEGRATED CONCEPT SERIES LOUVERS AT VTAC REGISTERS. USE COLORS XL MEDIUM BRONZE #9964 (COLOR 5) OR SIENNA #783 (COLOR 6) OR APPROVED EQUALS DEPENDING ON LOCATION (SEE ENLARGED ELEVATIONS). PROVIDE FACTORY-MITERED OUTSIDE CORNERS AND MATCHING METAL EXTRUSIONS AT PANEL END JOINTS. PROVIDE A PERMEABLE FLUID-APPLIED AIR BARRIER (HENRY AIR-BLOCK AS BOD) APPLIED TO EXTERIOR SHEATHING BOARD ON WOOD FRAMING WITH FIBERGLASS BATT INSULATION AND PAINTED 5/8" GWB INTERIOR FINISH AT ENCLOSED SPACES. PROVIDE FLEXIBLE FLASHING MEMBRANE AT ALL PANEL TERMINATIONS WITH STAINLESS STEEL FLASHING AT THE BASE OF THE PANELS. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS. WHERE ADJACENT TO FINISHED INTERIOR SPACE, PROVIDE MIN. R-20 INSULATION IN THE WALL CAVITY.

## SKIN SYSTEM #3A - PUNCHED/FIXED WINDOW

ALUMINUM FIXED WINDOWS: FACTORY PAINTED. COMMERCIAL FRAMING SYSTEM WITH THERMAL BREAK ON CONTINUOUS INTEGRATED WEEPING SILL FLASHING EXTRUSIONS, AND INCLUDING VARIOUS MATCHING ALUMINUM PANEL INFILL AND CLOSURES, WITH WITH 1" INSULATED LOW-E COATED GLAZING SYSTEM (VISION OR SPANDREL GLASS) AS SPECIFIED WITH INBOARD AND OUTBOARD LITES OF 1/4" THICK WITH 1/2" AIRSPACE (GUARDIAN SUNGUARD SNX 51/23 CRYSTAL GRAY USED AS BASIS OF DESIGN). ALL WINDOWS TO HAVE SILL PLATE EXTENSIONS (FROM MANUFACTURER'S STANDARD PROFILES). APPLIED MUNTINS AND INTERNAL SPACERS TO SIMULATE DIVIDED LIGHTS. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS - COLOR PPG DURANAR SUNSTORM UC106666F NATURAL SUEDE (COLOR 7) OR PPG DURANAR SUNSTORM UC106692F-S DRIFTWOOD MICA (COLOR 8) DEPENDING ON LOCATION, SEE ENLARGED ELEVATIONS.

## SKIN SYSTEM #3B - STOREFRONT WINDOW WALL

ALUMINUM WINDOW WALL SYSTEM: 6" X 2.5" (SIZE AS REQUIRED) FRAMING SYSTEM WITH FACTORY PVDF FINISH SPANNING FULL HEIGHT BETWEEN FLOORS. SYSTEM SHALL BE BRACED LATERALLY AT EACH FLOOR LEVEL AS REQUIRED. PROVIDE THERMAL BREAK ON CONTINUOUS INTEGRATED WEEPING SILL EXTRUSIONS. PROVIDE INSULATION AT THE FACE OF SLAB AT EACH FLOOR LEVEL, INCLUDING VARIOUS MATCHING ALUMINUM INFILL AND CLOSURES, WITH 1" INSULATED LOW-E COATED GLAZING SYSTEM (VISION OR SPANDREL GLASS) AS SPECIFIED WITH INBOARD AND OUTBOARD LITES OF 1/4" THICK WITH 1/2" AIRSPACE (GUARDIAN SUNGUARD SN68 USED AS BASIS OF DESIGN). INTERNAL REINFORCEMENT AND/OR INCREASED FRAMING MEMBER SIZE MAY BE REQUIRED. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS - COLOR PPG DURANAR SUNSTORM UC106666F NATURAL SUEDE (COLOR 7) OR PPG DURANAR SUNSTORM UC106692F-S DRIFTWOOD MICA (COLOR 8) DEPENDING ON LOCATION, SEE ENLARGED ELEVATIONS.

## SKIN SYSTEM #4 - CULTURED STONE VENEER CLADDING

ARCHITECTURAL SYNTHETIC STONE VENEER CLADDING SYSTEM: DRYSTACK APPLIED OVER SCRATCH COAT ON FIBERGLASS FACED GYPSUM SHEATHING ON GALVANIZED METAL FRAMING SYSTEM WITH R-19 FIBERGLASS BATT INSULATION WITH CONTINUOUS FSK VAPOR BARRIER UNDER PAINTED 5/8" GWB INTERIOR FINISH. CONTINUOUS FSK VAPOR BARRIER SEALED TO ALL ABUTTING SURFACES. RELIEVING ANGLE AND LOOSE LINTEL. WHERE ADJACENT TO FINISHED INTERIOR SPACE, PROVIDE R-20 FIBERGLASS BATT INSULATION AND PAINTED 5/8" GWB INTERIOR FINISH. ELDORADO STONE ZEN24 IN NICKEL (COLOR 9) AND SOFT LIGHT (COLOR 10) USED AS BASIS OF DESIGN (SEE ENLARGED ELEVATIONS FOR LOCATIONS OF EACH COLOR).

## SKIN SYSTEM #4 - ALT - 4" CMU

4" X 8" X 16" CONCRETE MASONRY UNIT WITH A 1" MIN. AIR GAP AND 2" RIGID INSULATION OVER VAPOR BARRIER, INSTALLED IN A STACKED BOND PATTERN WITH TOOLED MORTAR JOINTS. SELF-ADHERERED FLEXIBLE FLASHING TO LAP OF BITUTHENE MEMBRANE AT GRADE. COLOR FROM MANUFACTURER'S STANDARD PALETTE. OVERALL WALL ASSEMBLY R-VALUE TO BE R-7.6.

## SKIN SYSTEM #5 - CAST STONE

PROVIDE ARCHITECTURAL CAST STONE PANELS/UNITS FOR WINDOW SILLS, BUILDING BASE, ETC. AS INDICATED IN ELEVATIONS. INTEGRALLY COLORED PANELS WITH ACID ETCHED FINISH AND CLEAR WATER REPELLANT SEALER. READING ROCK ROCKCAST IN SMOKEHOUSE USED AS BASIS OF DESIGN.

## SKIN SYSTEM #6 - METAL COPING

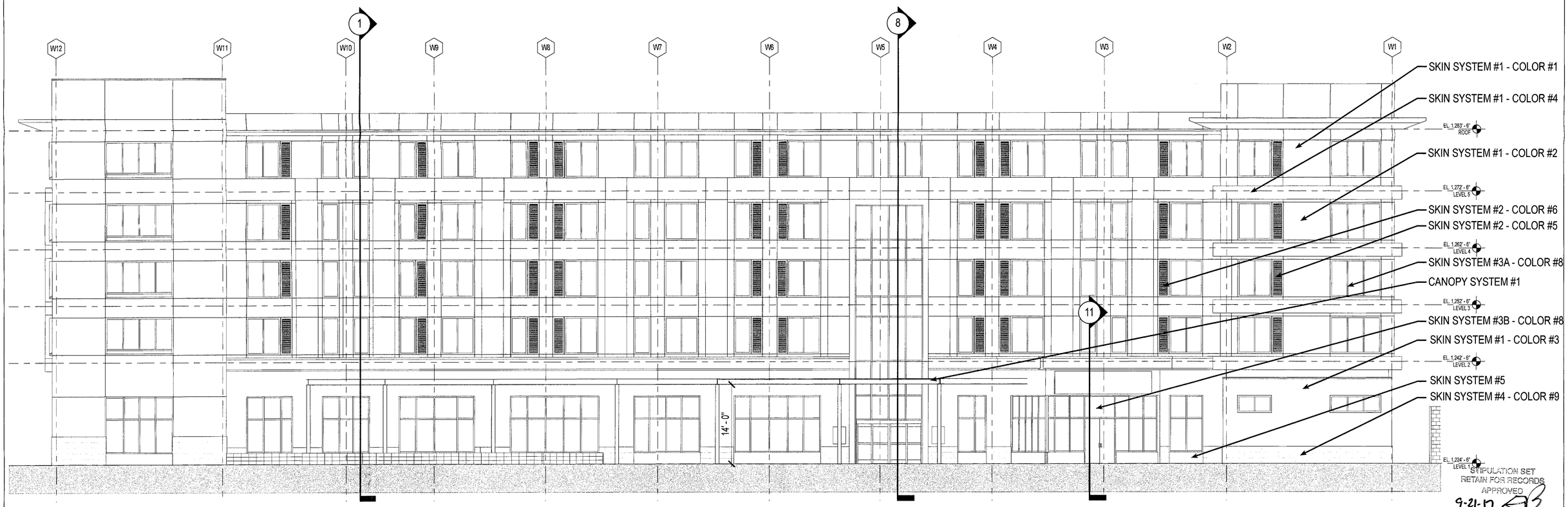
FORMED METAL COPING - PAINTED. PROVIDE AN PAINTED EXTERIOR FIBER CEMENT BOARD ON SHEATHING; PROVIDE FLUSHCAULK JOINTS TO MATCH PAINT COLOR UNDER COPING WHERE SOFFIT OVERHANGS BUILDING FACE.

## SCREEN SYSTEM #1 - PERFORATED METAL PANEL

PAINTED PERFORATED METAL PANEL ATTACHED TO A PAINTED STEEL OR ALUMINUM TUBE FRAME IS IS MOUNTED THROUGH ADJACENT WALL SYSTEM.

## CANOPY SYSTEM #1 - EXPOSED STEEL W/ PERFORATED METAL

HORIZONTAL PAINTED EXPOSED STEEL BEAMS MOUNTED TO BUILDING FACE OR SUPPORTED ON PAINTED EXPOSED STEEL COLUMNS WITH HORIZONTAL PANELS OF PAINTED PERFORATED METAL PANEL ABOVE.

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9-21-17
DATE INITIALS

| PROJECT NO. 20160107.00 | REVISION NO. 002 | DATE 08/09/2017 | EAST ELEVATION WITH SKIN SYSTEM NOTES |
|---|---|---|---|

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# SKIN SYSTEM NOTES

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COLOR 4 - BENJAMIN MOORE TAWNY ROSE 2173-20

## SKIN SYSTEM #1 - ALT - STUCCO

PROVIDE A FORMED METAL WALL PANEL WITH CONCEALED FASTENERS (CENTRIA PROFILE CS-200 USED AS BASIS-OF-DESIGN). PROVIDE FACTORY-MITERED OUTSIDE CORNERS AND MATCHING METAL EXTRUSIONS AT PANEL END JOINTS. PROVIDE A PERMEABLE FLUID-APPLIED AIR BARRIER (HENRY AIR-BLOCK AS BOD) APPLIED TO EXTERIOR SHEATHING BOARD ON WOOD FRAMING WITH FIBERGLASS BATT INSULATION AND PAINTED 5/8" GWB INTERIOR FINISH AT ENCLOSED SPACES. PROVIDE FLEXIBLE FLASHING MEMBRANE AT ALL PANEL TERMINATIONS WITH STAINLESS STEEL FLASHING AT THE BASE OF THE PANELS. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS. WHERE ADJACENT TO FINISHED INTERIOR SPACE, PROVIDE MIN. R-20 INSULATION IN THE WALL CAVITY. USE THE FOLLOWING PAINT COLORS FOR DIFFERENT PORTIONS OF THE STUCCO SYSTEM:
COLOR 1 - BENJAMIN MOORE FAIRVIEW TAUPE HC-85
COLOR 2 - BENJAMIN MOORE WAYNESBORO TAUPE 1544
COLOR 3 - BENJAMIN MOORE ELMIRA WHITE HC-84
COLOR 4 - BENJAMIN MOORE TAWNY ROSE 2173-20

## SKIN SYSTEM #2 - FORMED METAL WALL PANEL

PROVIDE A FORMED METAL WALL PANEL WITH CONCEALED FASTENERS (CENTRIA PROFILE CS-660 IN COLORS USED AS BASIS-OF-DESIGN [SEE ENLARGED ELEVATIONS FOR COLOR LOCATIONS]) WITH INTEGRATED CONCEPT SERIES LOUVERS AT VTAC REGISTERS. USE COLORS XL MEDIUM BRONZE #9964 (COLOR 5) OR SIENNA #783 (COLOR 6) OR APPROVED EQUALS DEPENDING ON LOCATION (SEE ENLARGED ELEVATIONS). PROVIDE FACTORY-MITERED OUTSIDE CORNERS AND MATCHING METAL EXTRUSIONS AT PANEL END JOINTS. PROVIDE A PERMEABLE FLUID-APPLIED AIR BARRIER (HENRY AIR-BLOCK AS BOD) APPLIED TO EXTERIOR SHEATHING BOARD ON WOOD FRAMING WITH FIBERGLASS BATT INSULATION AND PAINTED 5/8" GWB INTERIOR FINISH AT ENCLOSED SPACES. PROVIDE FLEXIBLE FLASHING MEMBRANE AT ALL PANEL TERMINATIONS WITH STAINLESS STEEL FLASHING AT THE BASE OF THE PANELS. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS. WHERE ADJACENT TO FINISHED INTERIOR SPACE, PROVIDE MIN. R-20 INSULATION IN THE WALL CAVITY.

## SKIN SYSTEM #3A - PUNCHED/FIXED WINDOW

ALUMINUM FIXED WINDOWS: FACTORY PAINTED, COMMERCIAL FRAMING SYSTEM WITH THERMAL BREAK ON CONTINUOUS INTEGRATED WEEPING SILL FLASHING EXTRUSIONS, AND INCLUDING VARIOUS MATCHING ALUMINUM PANEL INFILL AND CLOSURES, WITH WITH 1" INSULATED LOW-E COATED GLAZING SYSTEM (VISION OR SPANDREL GLASS) AS SPECIFIED WITH INBOARD AND OUTBOARD LITES OF 1/4" THICK WITH 1/2" AIRSPACE (GUARDIAN SUNGUARD SNX 51/23 CRYSTAL GRAY USED AS BASIS OF DESIGN). ALL WINDOWS TO HAVE SILL PLATE EXTENSIONS (FROM MANUFACTURER'S STANDARD PROFILES). APPLIED MUNTINS AND INTERNAL SPACERS TO SIMULATE DIVIDED LIGHTS. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS - COLOR PPG DURANAR SUNSTORM UC106666F NATURAL SUEDE (COLOR 7) OR PPG DURANAR SUNSTORM UC106692F-S DRIFTWOOD MICA (COLOR 8) DEPENDING ON LOCATION, SEE ENLARGED ELEVATIONS.

## SKIN SYSTEM #3B - STOREFRONT WINDOW WALL

ALUMINUM WINDOW WALL SYSTEM: 6" X 2.5" (SIZE AS REQUIRED) FRAMING SYSTEM WITH FACTORY PVDF FINISH SPANNING FULL HEIGHT BETWEEN FLOORS. SYSTEM SHALL BE BRACED LATERALLY AT EACH FLOOR LEVEL AS REQUIRED. PROVIDE THERMAL BREAK ON CONTINUOUS INTEGRATED WEEPING SILL EXTRUSIONS. PROVIDE INSULATION AT THE FACE OF SLAB AT EACH FLOOR LEVEL, INCLUDING VARIOUS MATCHING ALUMINUM INFILL AND CLOSURES, WITH 1" INSULATED LOW-E COATED GLAZING SYSTEM (VISION OR SPANDREL GLASS) AS SPECIFIED WITH INBOARD AND OUTBOARD LITES OF 1/4" THICK WITH 1/2" AIRSPACE (GUARDIAN SUNGUARD SN68 USED AS BASIS OF DESIGN). INTERNAL REINFORCEMENT AND/OR INCREASED FRAMING MEMBER SIZE MAY BE REQUIRED. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS - COLOR PPG DURANAR SUNSTORM UC106666F NATURAL SUEDE (COLOR 7) OR PPG DURANAR SUNSTORM UC106692F-S DRIFTWOOD MICA (COLOR 8) DEPENDING ON LOCATION, SEE ENLARGED ELEVATIONS.

## SKIN SYSTEM #4 - CULTURED STONE VENEER CLADDING

ARCHITECTURAL SYNTHETIC STONE VENEER CLADDING SYSTEM: DRYSTACK APPLIED OVER SCRATCH COAT ON FIBERGLASS FACED GYPSUM SHEATHING ON GALVANIZED METAL FRAMING SYSTEM WITH R-19 FIBERGLASS BATT INSULATION WITH CONTINUOUS FSK VAPOR BARRIER UNDER PAINTED 5/8" GWB INTERIOR FINISH. CONTINUOUS FSK VAPOR BARRIER SEALED TO ALL ABUTTING SURFACES. RELIEVING ANGLE AND LOOSE LINTEL. WHERE ADJACENT TO FINISHED INTERIOR SPACE, PROVIDE R-20 FIBERGLASS BATT INSULATION AND PAINTED 5/8" GWB INTERIOR FINISH. ELDORADO STONE ZEN24 IN NICKEL (COLOR 9) AND SOFT LIGHT (COLOR 10) USED AS BASIS OF DESIGN (SEE ENLARGED ELEVATIONS FOR LOCATIONS OF EACH COLOR).

## SKIN SYSTEM #4 - ALT - 4" CMU

4" X 8" X 16" CONCRETE MASONRY UNIT WITH A 1" MIN. AIR GAP AND 2" RIGID INSULATION OVER VAPOR BARRIER, INSTALLED IN A STACKED BOND PATTERN WITH TOOLED MORTAR JOINTS. SELF-ADHERERED FLEXIBLE FLASHING TO LAP OF BITUTHENE MEMBRANE AT GRADE. COLOR FROM MANUFACTURER'S STANDARD PALETTE. OVERALL WALL ASSEMBLY R-VALUE TO BE R-7.6.

## SKIN SYSTEM #5 - CAST STONE

PROVIDE ARCHITECTURAL CAST STONE PANELS/UNITS FOR WINDOW SILLS, BUILDING BASE, ETC. AS INDICATED IN ELEVATIONS. INTEGRALLY COLORED PANELS WITH ACID ETCHED FINISH AND CLEAR WATER REPELLANT SEALER. READING ROCK ROCKCAST IN SMOKEHOUSE USED AS BASIS OF DESIGN.

## SKIN SYSTEM #6 - METAL COPING

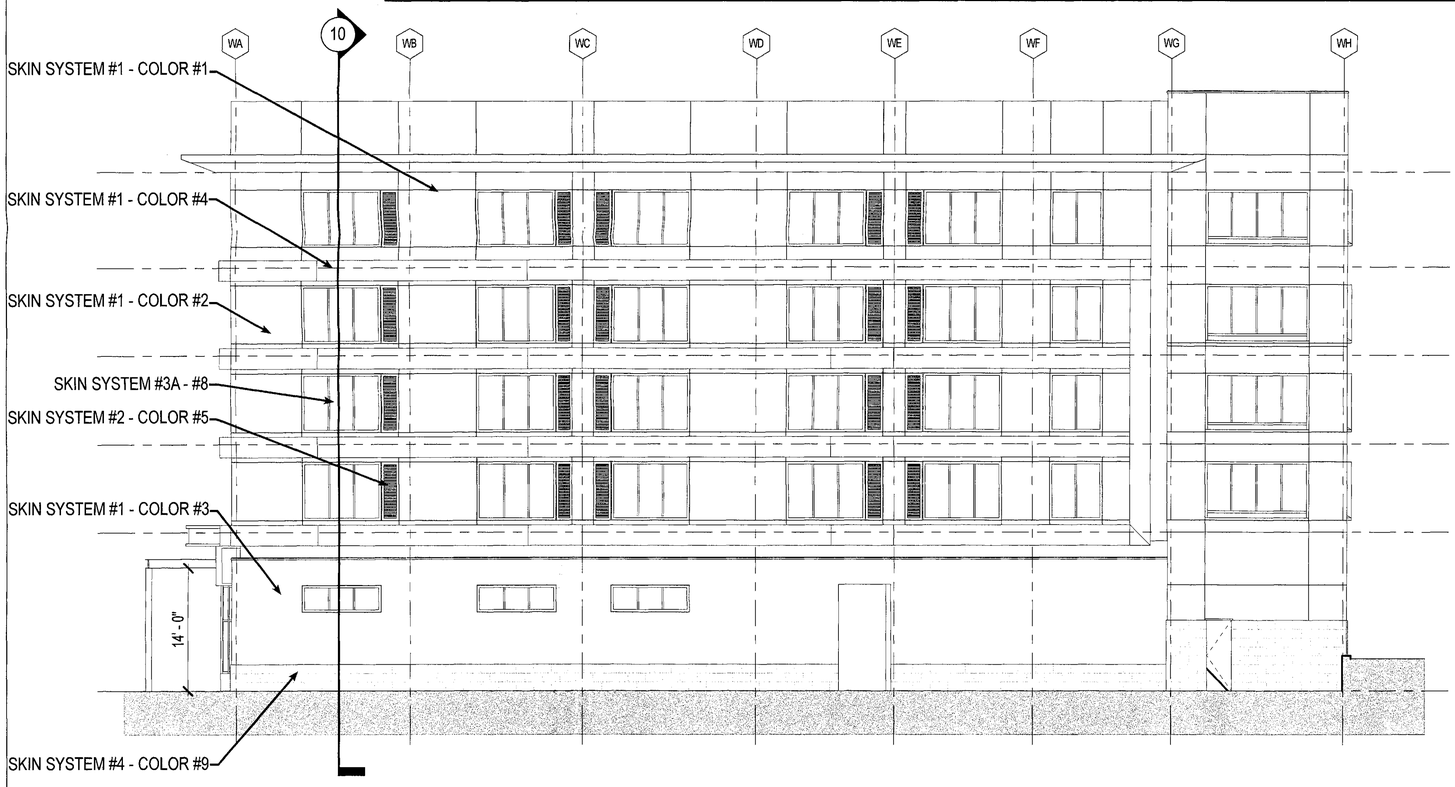
FORMED METAL COPING - PAINTED. PROVIDE AN PAINTED EXTERIOR FIBER CEMENT BOARD ON SHEATHING, PROVIDE FLUSHCAULK JOINTS TO MATCH PAINT COLOR UNDER COPING WHERE SOFFIT OVERHANGS BUILDING FACE.

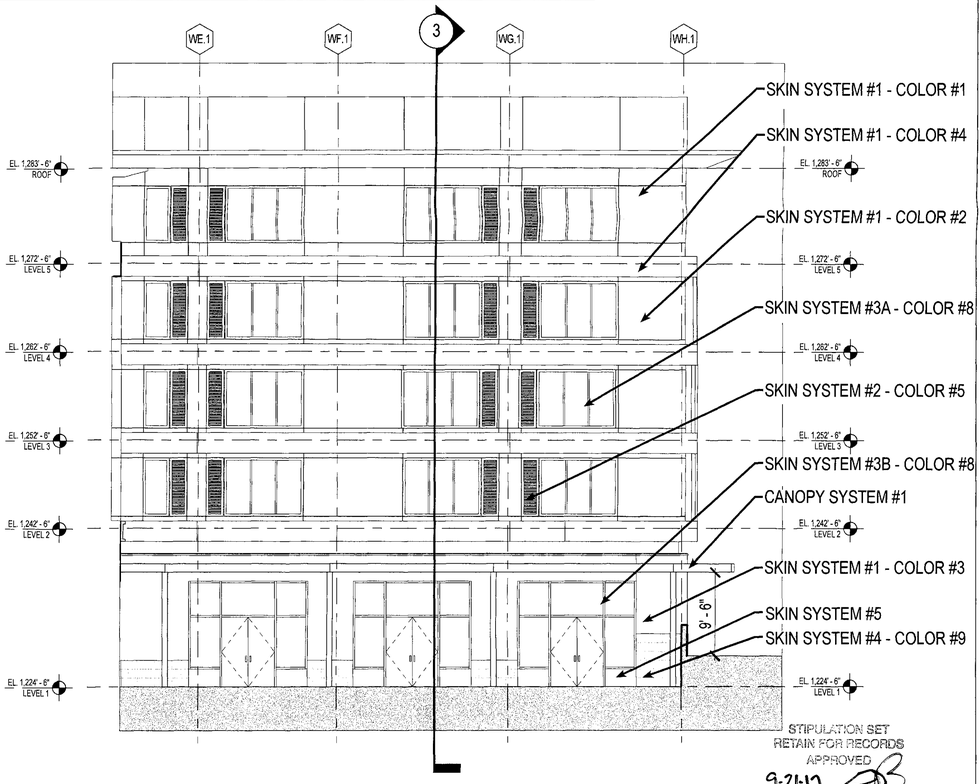
## SCREEN SYSTEM #1 - PERFORATED METAL PANEL

PAINTED PERFORATED METAL PANEL ATTACHED TO A PAINTED STEEL OR ALUMINUM TUBE FRAME IS IS MOUNTED THROUGH ADJACENT WALL SYSTEM.

## CANOPY SYSTEM #1 - EXPOSED STEEL W/ PERFORATED METAL

HORIZONTAL PAINTED EXPOSED STEEL BEAMS MOUNTED TO BUILDING FACE OR SUPPORTED ON PAINTED EXPOSED STEEL COLUMNS WITH HORIZONTAL PANELS OF PAINTED PERFORATED METAL PANEL ABOVE.

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NORTH AND NORTH COURTYARD ELEVATIONS WITH SKIN SYSTEM NOTES

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ELEMENT HOTEL @ SKYSONG
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24-DR-2017
08/11/2017

# SKIN SYSTEM NOTES

### SKIN SYSTEM #1 - EIFS

EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) CONSISTING OF ADHESIVE, EXPANDED POLYSTYRENE (EPS) BOARD, BASECOAT WITH EMBEDDED REINFORCING FABRIC MESH, PRIMER, AND FINISH COAT. SYSTEM INSTALLED OVER A ROLL ON WATER-RESISTIVE BARRIER AND FLASHING MEMBRANE APPLIED OVER SHEATHING, CONCRETE OR CMU WITH AIR BARRIER. VERTICAL RIBBONS OF ADHESIVE APPLIED TO BACK OF INSULATION BOARD TO FORM CHANNELS FOR DRAINAGE. USE THE FOLLOWING PAINT COLORS FOR DIFFERENT PORTIONS OF THE EIFS SYSTEM:
COLOR 1 - BENJAMIN MOORE FAIRVIEW TAUPE HC-85
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COLOR 4 - BENJAMIN MOORE TAWNY ROSE 2173-20

### SKIN SYSTEM #1 - ALT - STUCCO

PROVIDE A FORMED METAL WALL PANEL WITH CONCEALED FASTENERS (CENTRIA PROFILE CS-200 USED AS BASIS-OF-DESIGN). PROVIDE FACTORY-MITERED OUTSIDE CORNERS AND MATCHING METAL EXTRUSIONS AT PANEL END JOINTS. PROVIDE A PERMEABLE FLUID-APPLIED AIR BARRIER (HENRY AIR-BLOCK AS BOD) APPLIED TO EXTERIOR SHEATHING BOARD ON WOOD FRAMING WITH FIBERGLASS BATT INSULATION AND PAINTED 5/8" GWB INTERIOR FINISH AT ENCLOSED SPACES. PROVIDE FLEXIBLE FLASHING MEMBRANE AT ALL PANEL TERMINATIONS WITH STAINLESS STEEL FLASHING AT THE BASE OF THE PANELS. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS. WHERE ADJACENT TO FINISHED INTERIOR SPACE, PROVIDE MIN. R-20 INSULATION IN THE WALL CAVITY. USE THE FOLLOWING PAINT COLORS FOR DIFFERENT PORTIONS OF THE STUCCO SYSTEM:
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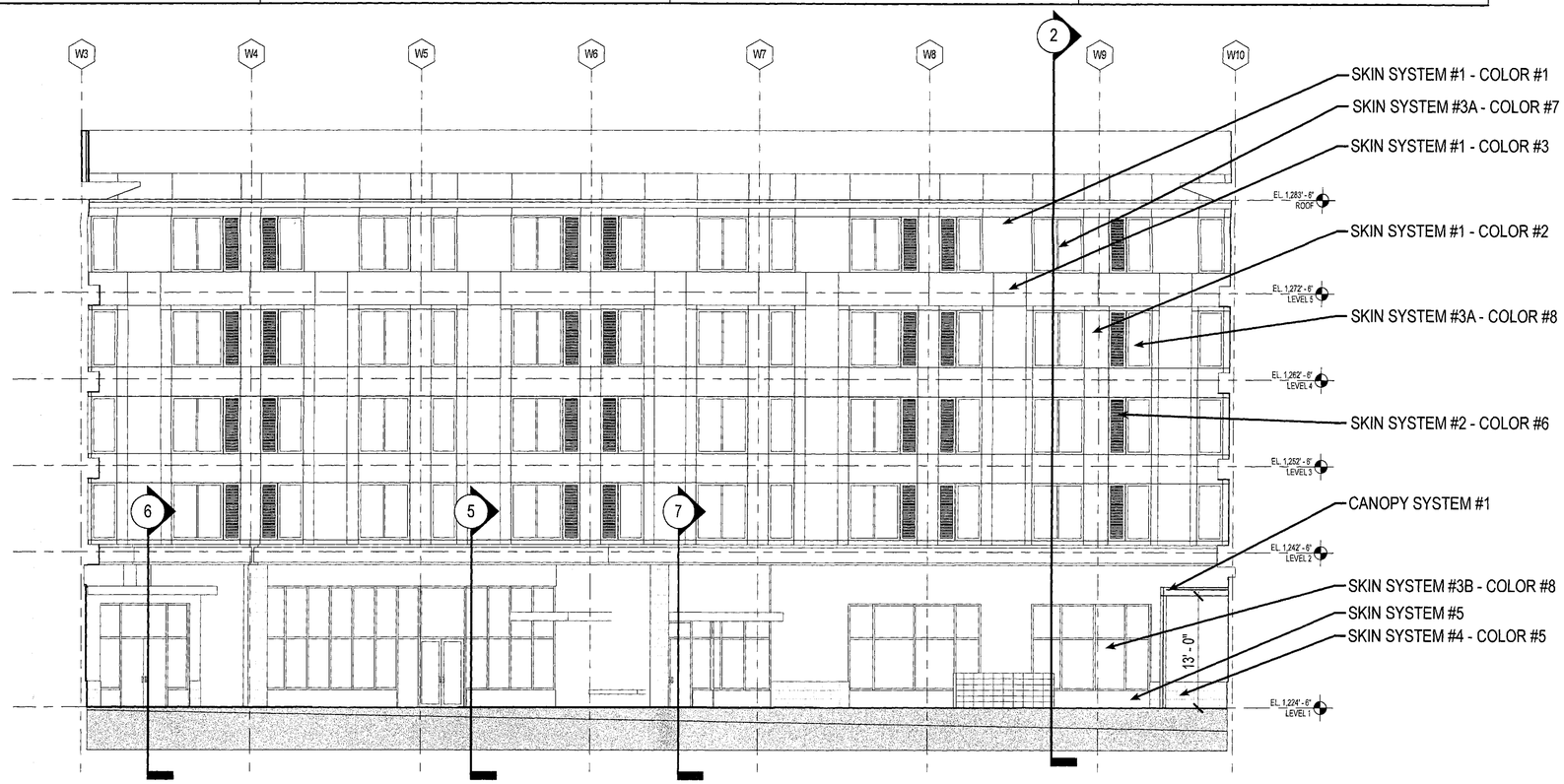


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WEST COURTYARD ELEVATION WITH SKIN SYSTEM NOTES

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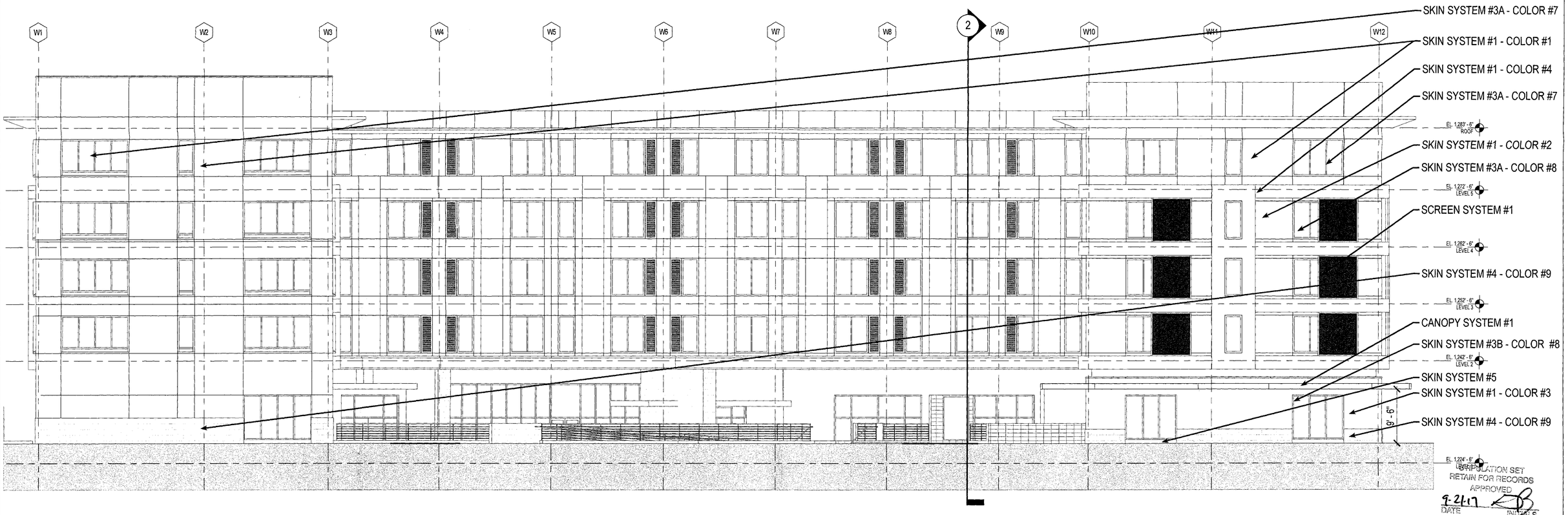


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# SKIN SYSTEM NOTES

### SKIN SYSTEM #1 - EIFS

EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) CONSISTING OF ADHESIVE, EXPANDED POLYSTYRENE (EPS) BOARD, BASECOAT WITH EMBEDDED REINFORCING FABRIC MESH, PRIMER, AND FINISH COAT. SYSTEM INSTALLED OVER A ROLL ON WATER-RESISTIVE BARRIER AND FLASHING MEMBRANE APPLIED OVER SHEATHING, CONCRETE OR CMU WITH AIR BARRIER. VERTICAL RIBBONS OF ADHESIVE APPLIED TO BACK OF INSULATION BOARD TO FORM CHANNELS FOR DRAINAGE. USE THE FOLLOWING PAINT COLORS FOR DIFFERENT PORTIONS OF THE EIFS SYSTEM:
COLOR 1 - BENJAMIN MOORE FAIRVIEW TAUPE HC-85
COLOR 2 - BENJAMIN MOORE WAYNESBORO TAUPE 1544
COLOR 3 - BENJAMIN MOORE ELMIRA WHITE HC-84
COLOR 4 - BENJAMIN MOORE TAWNY ROSE 2173-20

### SKIN SYSTEM #1 - ALT - STUCCO

PROVIDE A FORMED METAL WALL PANEL WITH CONCEALED FASTENERS (CENTRIA PROFILE CS-200 USED AS BASIS-OF-DESIGN). PROVIDE FACTORY-MITERED OUTSIDE CORNERS AND MATCHING METAL EXTRUSIONS AT PANEL END JOINTS. PROVIDE A PERMEABLE FLUID-APPLIED AIR BARRIER (HENRY AIR-BLOCK AS BOD) APPLIED TO EXTERIOR SHEATHING BOARD ON WOOD FRAMING WITH FIBERGLASS BATT INSULATION AND PAINTED 5/8" GWB INTERIOR FINISH AT ENCLOSED SPACES. PROVIDE FLEXIBLE FLASHING MEMBRANE AT ALL PANEL TERMINATIONS WITH STAINLESS STEEL FLASHING AT THE BASE OF THE PANELS. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS. WHERE ADJACENT TO FINISHED INTERIOR SPACE, PROVIDE MIN. R-20 INSULATION IN THE WALL CAVITY. USE THE FOLLOWING PAINT COLORS FOR DIFFERENT PORTIONS OF THE STUCCO SYSTEM:
COLOR 1 - BENJAMIN MOORE FAIRVIEW TAUPE HC-85
COLOR 2 - BENJAMIN MOORE WAYNESBORO TAUPE 1544
COLOR 3 - BENJAMIN MOORE ELMIRA WHITE HC-84
COLOR 4 - BENJAMIN MOORE TAWNY ROSE 2173-20

### SKIN SYSTEM #2 - FORMED METAL WALL PANEL

PROVIDE A FORMED METAL WALL PANEL WITH CONCEALED FASTENERS (CENTRIA PROFILE CS-660 IN COLORS USED AS BASIS-OF-DESIGN (SEE ENLARGED ELEVATIONS FOR COLOR LOCATIONS)) WITH INTEGRATED CONCEPT SERIES LOUVERS AT VTAC REGISTERS. USE COLORS XL MEDIUM BRONZE #9964 (COLOR 5) OR SIENNA #783 (COLOR 6) OR APPROVED EQUALS DEPENDING ON LOCATION (SEE ENLARGED ELEVATIONS). PROVIDE FACTORY-MITERED OUTSIDE CORNERS AND MATCHING METAL EXTRUSIONS AT PANEL END JOINTS. PROVIDE A PERMEABLE FLUID-APPLIED AIR BARRIER (HENRY AIR-BLOCK AS BOD) APPLIED TO EXTERIOR SHEATHING BOARD ON WOOD FRAMING WITH FIBERGLASS BATT INSULATION AND PAINTED 5/8" GWB INTERIOR FINISH AT ENCLOSED SPACES. PROVIDE FLEXIBLE FLASHING MEMBRANE AT ALL PANEL TERMINATIONS WITH STAINLESS STEEL FLASHING AT THE BASE OF THE PANELS. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS. WHERE ADJACENT TO FINISHED INTERIOR SPACE, PROVIDE MIN. R-20 INSULATION IN THE WALL CAVITY.

### SKIN SYSTEM #3A - PUNCHED/FIXED WINDOW

ALUMINUM FIXED WINDOWS: FACTORY PAINTED, COMMERCIAL FRAMING SYSTEM WITH THERMAL BREAK ON CONTINUOUS INTEGRATED WEEPING SILL FLASHING EXTRUSIONS, AND INCLUDING VARIOUS MATCHING ALUMINUM PANEL INFILL AND CLOSURES, WITH WITH 1" INSULATED LOW-E COATED GLAZING SYSTEM (VISION OR SPANDREL GLASS) AS SPECIFIED WITH INBOARD AND OUTBOARD LITES OF 1/4" THICK WITH 1/2" AIRSPACE (GUARDIAN SUNGUARD SNX 51/23 CRYSTAL GRAY USED AS BASIS OF DESIGN). ALL WINDOWS TO HAVE SILL PLATE EXTENSIONS (FROM MANUFACTURER'S STANDARD PROFILES). APPLIED MUNTINS AND INTERNAL SPACERS TO SIMULATE DIVIDED LIGHTS. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS - COLOR PPG DURANAR SUNSTORM UC106666F NATURAL SUEDE (COLOR 7) OR PPG DURANAR SUNSTORM UC106692F-S DRIFTWOOD MICA (COLOR 8) DEPENDING ON LOCATION, SEE ENLARGED ELEVATIONS.

### SKIN SYSTEM #3B - STOREFRONT WINDOW WALL

ALUMINUM WINDOW WALL SYSTEM: 6" X 2.5" (SIZE AS REQUIRED) FRAMING SYSTEM WITH FACTORY PVDF FINISH SPANNING FULL HEIGHT BETWEEN FLOORS. SYSTEM SHALL BE BRACED LATERALLY AT EACH FLOOR LEVEL AS REQUIRED. PROVIDE THERMAL BREAK ON CONTINUOUS INTEGRATED WEEPING SILL EXTRUSIONS. PROVIDE INSULATION AT THE FACE OF SLAB AT EACH FLOOR LEVEL, INCLUDING VARIOUS MATCHING ALUMINUM INFILL AND CLOSURES, WITH 1" INSULATED LOW-E COATED GLAZING SYSTEM (VISION OR SPANDREL GLASS) AS SPECIFIED WITH INBOARD AND OUTBOARD LITES OF 1/4" THICK WITH 1/2" AIRSPACE (GUARDIAN SUNGUARD SN68 USED AS BASIS OF DESIGN). INTERNAL REINFORCEMENT AND/OR INCREASED FRAMING MEMBER SIZE MAY BE REQUIRED. PROVIDE MATCHING PVDF FINISH ON ALL COMPONENTS - COLOR PPG DURANAR SUNSTORM UC106666F NATURAL SUEDE (COLOR 7) OR PPG DURANAR SUNSTORM UC106692F-S DRIFTWOOD MICA (COLOR 8) DEPENDING ON LOCATION, SEE ENLARGED ELEVATIONS.

### SKIN SYSTEM #4 - CULTURED STONE VENEER CLADDING

ARCHITECTURAL SYNTHETIC STONE VENEER CLADDING SYSTEM: DRYSTACK APPLIED OVER SCRATCH COAT ON FIBERGLASS FACED GYPSUM SHEATHING ON GALVANIZED METAL FRAMING SYSTEM WITH R-19 FIBERGLASS BATT INSULATION WITH CONTINUOUS FSK VAPOR BARRIER UNDER PAINTED 5/8" GWB INTERIOR FINISH. CONTINUOUS FSK VAPOR BARRIER SEALED TO ALL ABUTTING SURFACES. RELIEVING ANGLE AND LOOSE LINTEL. WHERE ADJACENT TO FINISHED INTERIOR SPACE, PROVIDE R-20 FIBERGLASS BATT INSULATION AND PAINTED 5/8" GWB INTERIOR FINISH. ELDORADO STONE ZEN24 IN NICKEL (COLOR 9) AND SOFT LIGHT (COLOR 10) USED AS BASIS OF DESIGN (SEE ENLARGED ELEVATIONS FOR LOCATIONS OF EACH COLOR).

### SKIN SYSTEM #4 - ALT - 4" CMU

4" X 8" X 16" CONCRETE MASONRY UNIT WITH A 1" MIN. AIR GAP AND 2" RIGID INSULATION OVER VAPOR BARRIER, INSTALLED IN A STACKED BOND PATTERN WITH TOOLED MORTAR JOINTS. SELF-ADHERERED FLEXIBLE FLASHING TO LAP OF BITUTHENE MEMBRANE AT GRADE. COLOR FROM MANUFACTURER'S STANDARD PALETTE. OVERALL WALL ASSEMBLY R-VALUE TO BE R-7.6.

### SKIN SYSTEM #5 - CAST STONE

PROVIDE ARCHITECTURAL CAST STONE PANELS/UNITS FOR WINDOW SILLS, BUILDING BASE, ETC. AS INDICATED IN ELEVATIONS. INTEGRALLY COLORED PANELS WITH ACID ETCHED FINISH AND CLEAR WATER REPELLANT SEALER. READING ROCK ROCKCAST IN SMOKEHOUSE USED AS BASIS OF DESIGN.

### SKIN SYSTEM #6 - METAL COPING

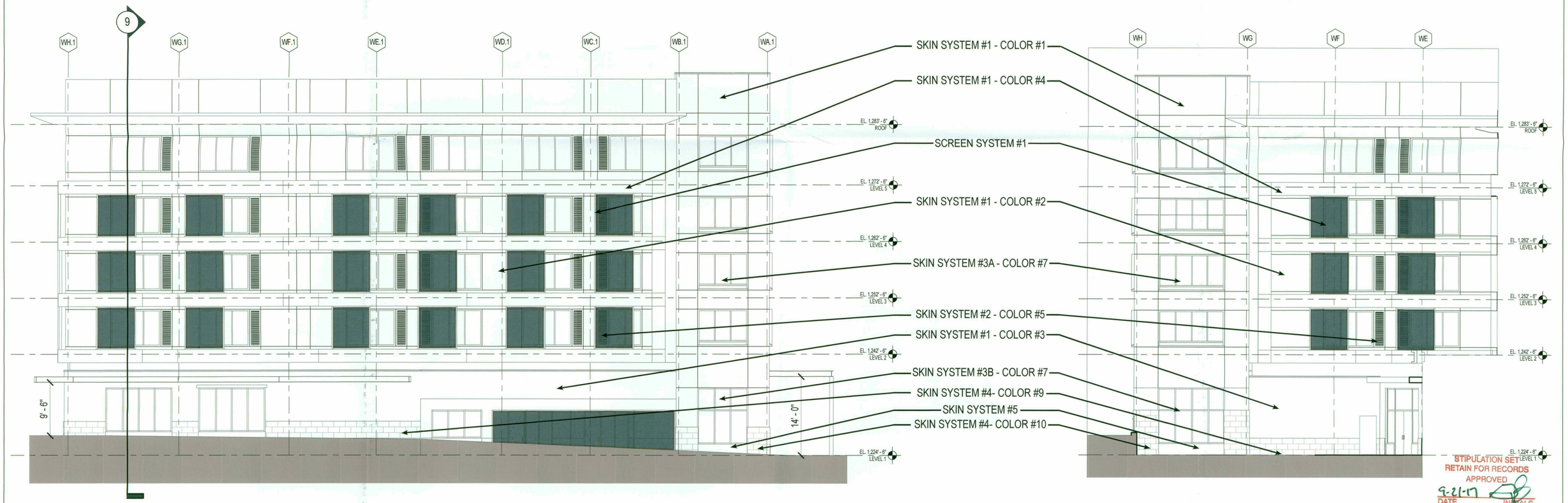
FORMED METAL COPING - PAINTED. PROVIDE AN PAINTED EXTERIOR FIBER CEMENT BOARD ON SHEATHING; PROVIDE FLUSHCAULK JOINTS TO MATCH PAINT COLOR UNDER COPING WHERE SOFFIT OVERHANGS BUILDING FACE.

### SCREEN SYSTEM #1 - PERFORATED METAL PANEL

PAINTED PERFORATED METAL PANEL ATTACHED TO A PAINTED STEEL OR ALUMINUM TUBE FRAME IS IS MOUNTED THROUGH ADJACENT WALL SYSTEM.

### CANOPY SYSTEM #1 - EXPOSED STEEL W/ PERFORATED METAL

HORIZONTAL PAINTED EXPOSED STEEL BEAMS MOUNTED TO BUILDING FACE OR SUPPORTED ON PAINTED EXPOSED STEEL COLUMNS WITH HORIZONTAL PANELS OF PAINTED PERFORATED METAL PANEL ABOVE.

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|---|---|---|---|

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ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

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EAST ELEVATION

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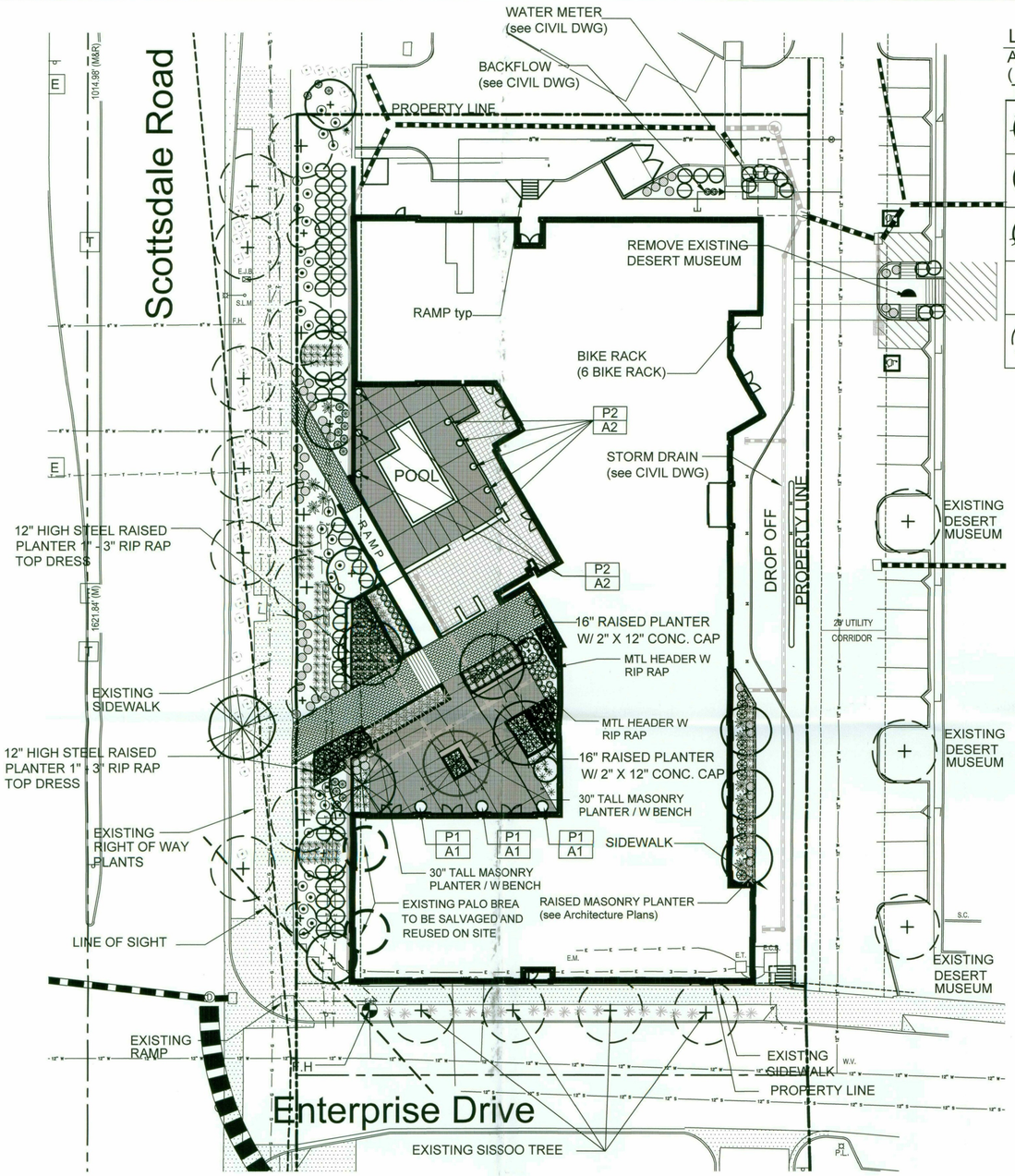



# Preliminary Landscape Plan

## LANDSCAPE LEGEND

ALL TREES TO MEET OR EXCEED A.N.A. SPECIFICATIONS
( U.O.N. - UNLESS OTHERWISE NOTED )

| TREES | CALIPER | QTY |
|---|---|---|
| Parkinsonia hybrid Desert Museum | 2" cal. low breaking, stand. | 06 |
| Caesalpinia mexicana Evergreen Bird of Paradise | 2" cal. multi-trunk, matching | 15 |
| Relocated Palo Brea transplanted from site | Equal to 60" Box | 04 |
| Specimen Cereus Cacti Minimum 5, arm all arms minimum | 4' tall | 07 |
| Existing Tree to remain and be protected | varies | |

| SHRUBS / ACCENTS | SIZE | QTY |
|---|---|---|
| Asclepias subulata Desert Milkweed | 5 gallon | 18 |
| Tecoma alata 'Orange Jubilee' Orange Jubilee | 5 gallon | 63 |
| Hesperaloe parviflora "Perpa" Brake Light "Perpa" Yucca | 5 gallon | 123 |
| Ruellia peninsularis Desert Ruellia | 5 gallon | 35 |
| Echinocactus grusonii Golden Barrel Cactus | 10" diameter matching | 47 |
| Euphorbia rigida Gopher Plant | 5 gallon | 51 |
| Dasylirion quadrangulatum Toothless Desert Spoon | 5 gallon | 38 |
| Agave americana `Marginata` Variegated Century Plant | 5 gallon | 16 |
| Aloe barbadensis Medicinal Aloe | 5 gallon | 32 |
| Pedilanthus macrocarpus Lady Slipper | 5 gallon | 44 |

| GROUNDCOVERS | SIZE | QTY |
|---|---|---|
| Lantana montevidensis Trailing Lantana ' Gold mound' | 5 gallon | 69 |
| Decomposed Granite 3/4" Screened Apache Brown 2" min thickness in all landscape areas | | |
| Submit samples to Landscape Architect | | |
| Granite Rip rap- 1" to 3" Apache Brown 3" min thickness in designated landscape areas and splash pad locations | | |

## GENERAL BUILDING FOUNDATION / IRR. NOTES:

POSITIVE DRAINAGE NEEDS TO BE MAINTAINED FROM THE BUILDINGS EXTERIOR WALLS FOR A MINIMUM OF 10'. NO IRRIGATED LANDSCAPE MATERIALS WITHIN THE FIRST 3' NEXT TO THE BUILDING FOUNDATION. WITHIN 3'-5' OF THE BUILDING FOUNDATION ONLY LANDSCAPE MATERIALS THAT CAN BE IRRIGATED WITH A 1 GPH EMITTER ARE ALLOWED. ANY LANDSCAPE MATERIALS REQUIRING AN EMITTER GREATER THAN 1GPH, INCLUDING TURF SHALL BE A MINIMUM OF 5' FROM THE OUTSIDE FACE OF THE BUILDING FOUNDATION. ALL IRRIGATION LINES, OTHER THAN THOSE SUPPLYING INDIVIDUAL EMITTERS SHALL NOT BE PLACED WITHIN 5' OF THE BUILDING FOUNDATION.

| LANDSCAPING CALCULATIONS: | |
|---|---|
| OFF SITE (EXISTING | 2,692 SF) |
| ON SITE (NEW | 8,257 SF) |
| PARKING (EXISTING | 2,358 SF) |
| PARKING (NEW | 188 SF) |
| TOTALS: | 13,495 SF |

## POT LEGEND

DAVIS COLOR 8084

POT CALL OUT TYPICAL

P1 — POT SCHEDULE TAG
A1 — PLANTING SCHEDULE TAG

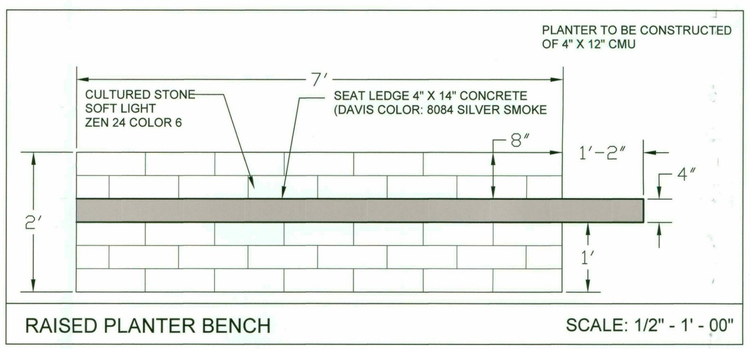
### POT SCHEDULE

TAG MODEL # / SIZE / COLOR

P1 MODEL: KORNEGAY CONCRETE POT DS-32
P2 MODEL: KORNEGAY CONCRETE POT RS-21

### PLANTING SCHEDULE

| TAG | BOTANICAL NAME | SIZE |
|---|---|---|
| A1 | PENCIL CACTUS YELLOW DOTS | 15 GALLON 1 GALLON |
| A2 | PINDO PALM RED DALLAS LANTANA | 15 GALLON 1 GALLON |




RAISED PLANTER BENCH — SCALE: 1/2" - 1' - 00"

## EXISTING LANDSCAPING AND IRRIGATION NOTES:

1. SITE VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
2. ALL PLANT MATERIAL DESIGNATED AS "EXISTING TO REMAIN" SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.

20088
HARDY A.
LASKIN
8.8.2017
Date Signed
ARIZONA, U.S.A.
Expires 6/30/19

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LANDSCAPE AND HARDSCAPE PLAN

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*SCOTTSDALE, ARIZONA*

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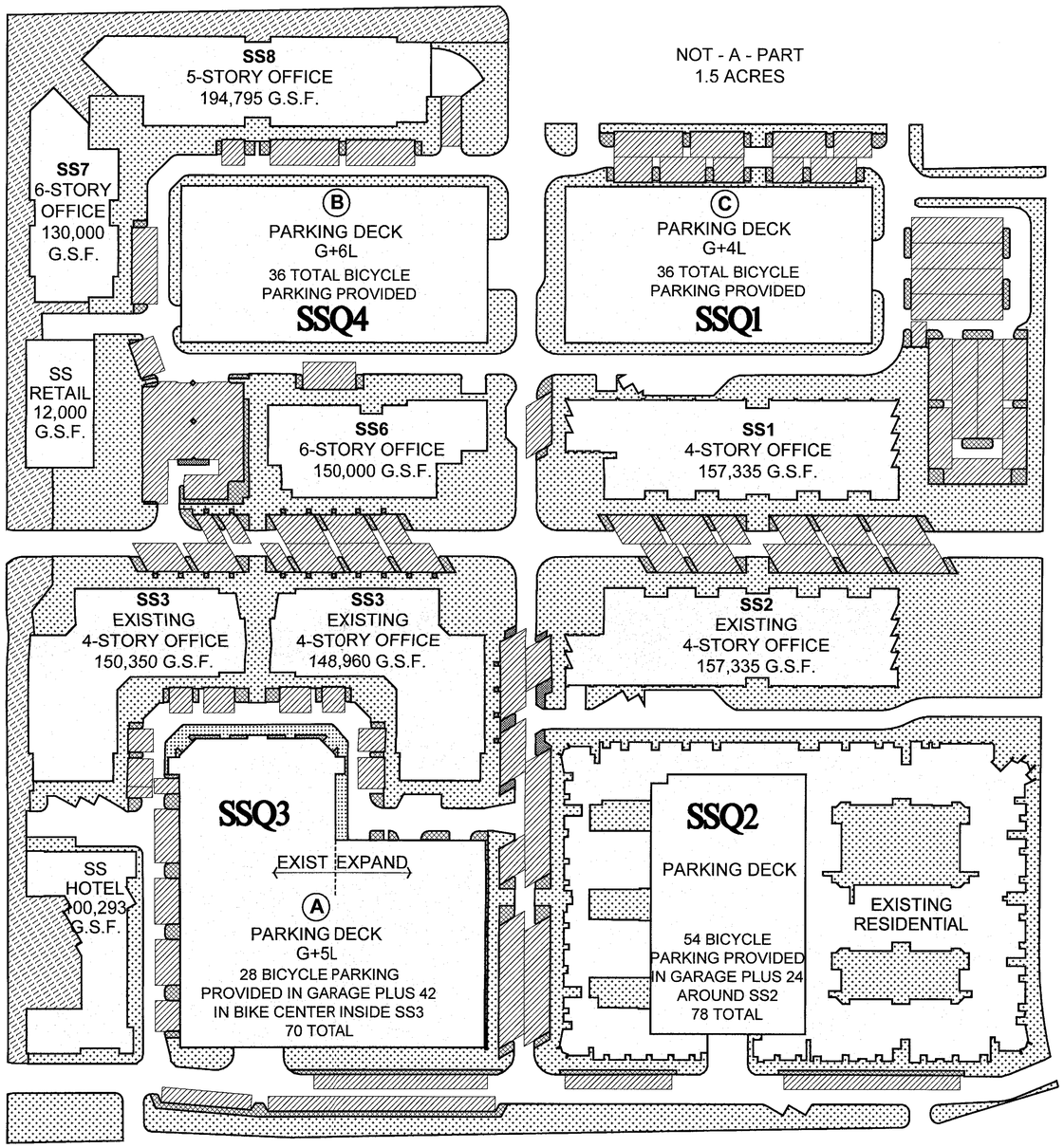


## SITE PLAN WORKSHEET DATA

PROJECT DATA:

PROJECT DATA ZONING: PCD
NET SITE AREA: 1,628,317 S.F. (37.3810 ACRES)
BUILDING HEIGHT: 60'-0" (T.O.R)

OPEN SPACE CALCULATIONS:
REQUIRED OPEN SPACE:
BUILDING HEIGHT = 60' MAX. PER ORD.
3 T.O. CURB @ SCOTTSDALE RD. : 1228.14 NWC/1227.56 W/1227.26 SWC

AVERAGE T.O. CURB @ SCOTTSDALE RD. : 1227.65
ALLOWABLE BUILDING HEIGHT : 1227.65 + 60 = 1287.65
BUILDING FINISH FLOOR (F.F.) : 1224.5
HIGHEST POINT OF LOW SLOPE ROOF : 59.50' ABOVE F.F.
RELATIVE BUILDING HEIGHT :
ACTUAL BUILDING HEIGHT : 59.50'

MAXIMUM BUILDING HEIGHT = 60' (T.O.R.) PROPOSED
: 1227.65 + 60 = 1287.65 (ALLOWED)

FIRST 60' OF HEIGHT = 20% NET LOT AREA
= .20 X 1,628,317 S.F. = 325,663 S.F.
HEIGHT OVER 60' = 0 X 300 S.F. = 0 S.F.

OPEN SPACE REQUIRED
(NOT INCLUDING PARKING LOT LANDSCAPING)]
325,663 + 0 = 325,663 S.F.
OPEN SPACE PROVIDED = 382,878 S.F.

PARKING LOT LANDSCAPING REQUIRED
PARKING LOT AREA X 15%
159,310 S.F. X .15 = 23,897 S.F.
PARKING LOT AREA LANDSCAPING PROVIDED = 28,839 S.F.

DENOTES FRONT OPEN SPACE
67,615 S.F. TOTAL

DENOTES OPEN SPACE OTHER THAN FRONTAL OPEN SPACE
382,878 S.F. TOTAL

DENOTES PARKING LOT LANDSCAPING
28,839 S.F TOTAL

DENOTES PARKING LOT AREA
159,310 S.F. TOTAL

ORDINANCE DEFINITIONS

1. FRONTAGE OPEN SPACE IS THE MEANINGFUL OPEN SPACE BETWEEN THE STREET LINE AND A BUILDING. FRONTAGE OPEN SPACE GENERALLY PROVIDES A SETTING FOR THE BUILDING AND VISUAL CONTINUITY WITHIN THE COMMUNITY. FRONTAGE OPEN SPACE MAY EXTEND BETWEEN STRUCTURES OR BETWEEN A STRUCTURE AND A SIDE PROPERTY LINE TO A DEPTH OF NOT MORE THAN ONE-HALF (½) THE WIDTH OF THE OPENING.

2. OPEN SPACE IS MEANINGFUL OUTDOOR SPACE FOR PASSIVE OR ACTIVE USE. IT INCLUDES, BUT IS NOT LIMITED TO, SETTINGS FOR DEVELOPMENT, RECREATION AREAS, LANDSCAPING, HARDSCAPE, WATER FEATURES, SEATING AREAS, PLAZAS, GAZEBOS, SIDEWALKS AND TRAILS. OPEN SPACE DOES NOT INCLUDE PARKING AREAS OR PARKING LOT LANDSCAPING.

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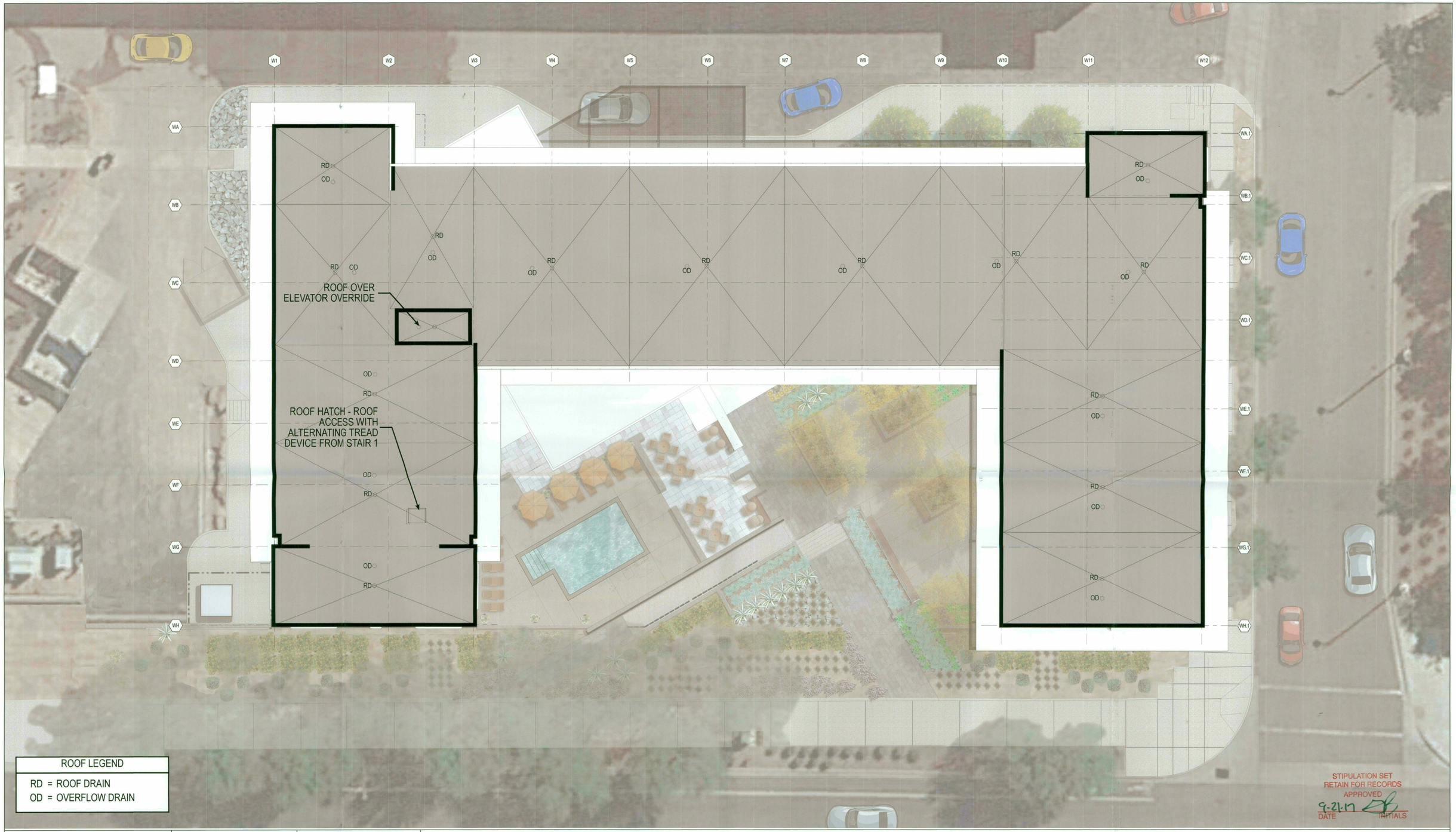


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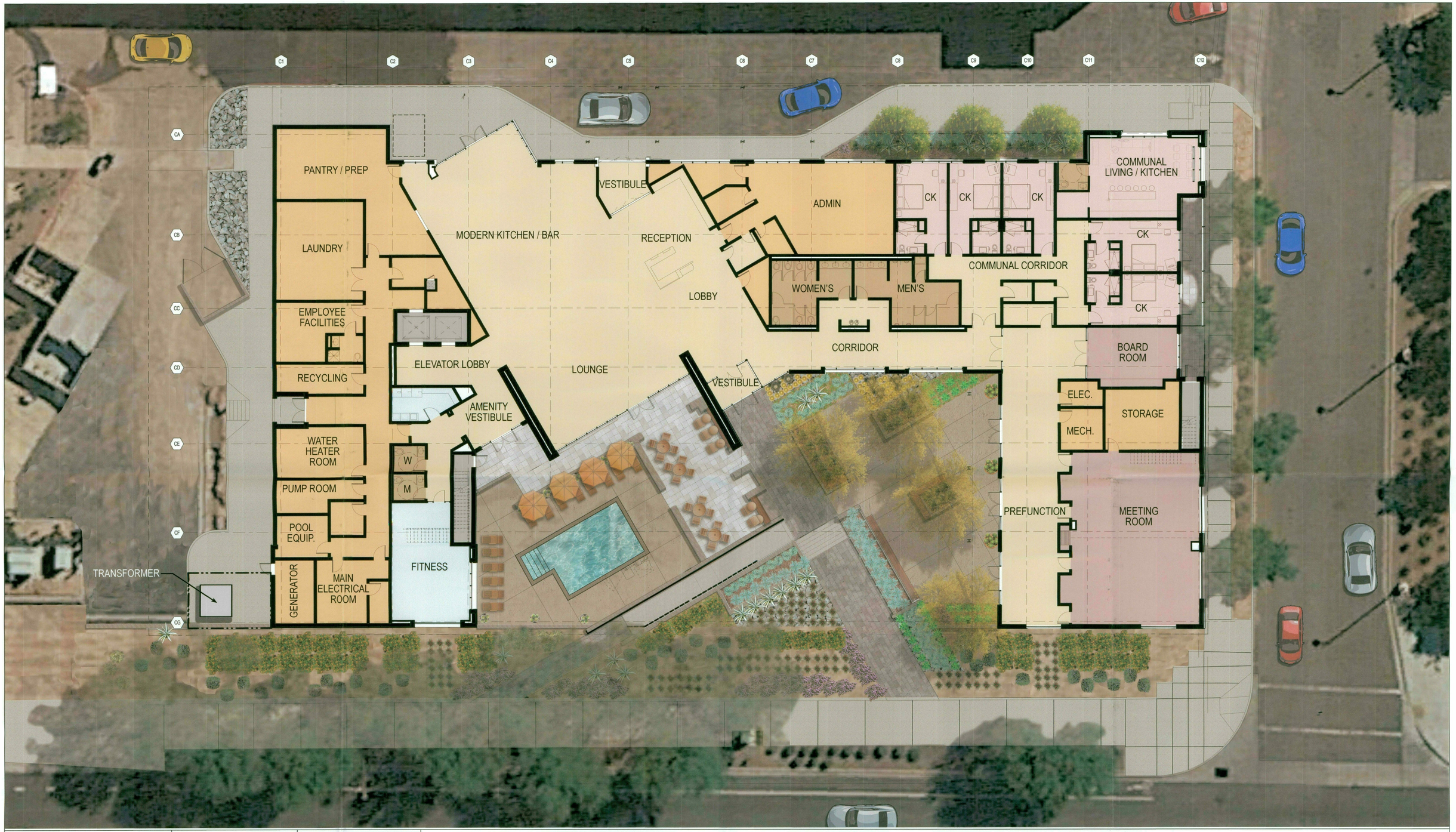


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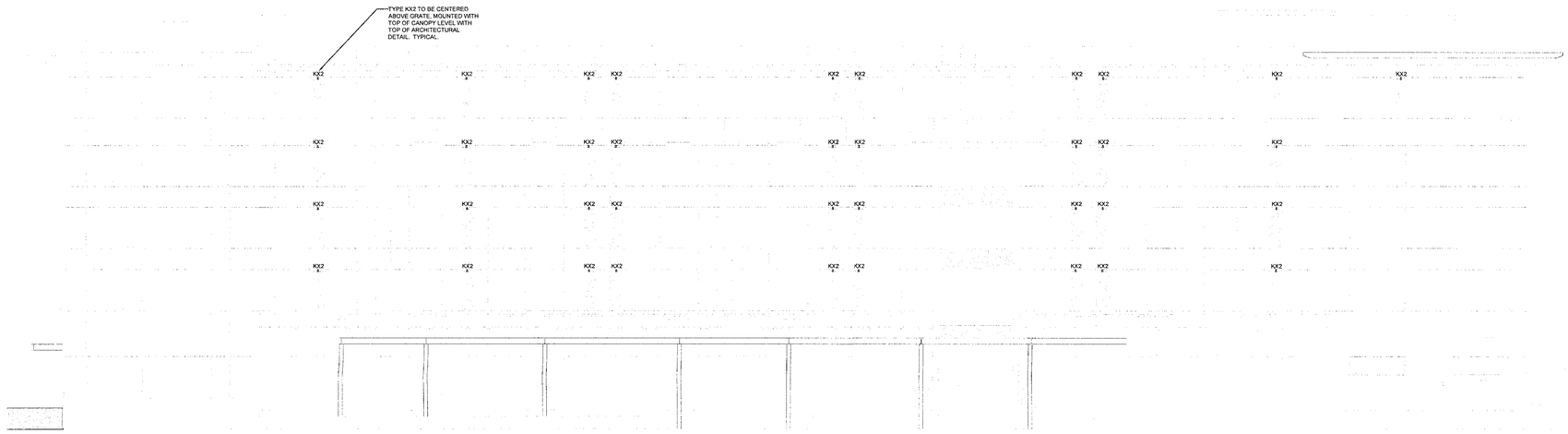


EAST ELEVATION LIGHTING
SCALE: 3/32" = 1'-0"

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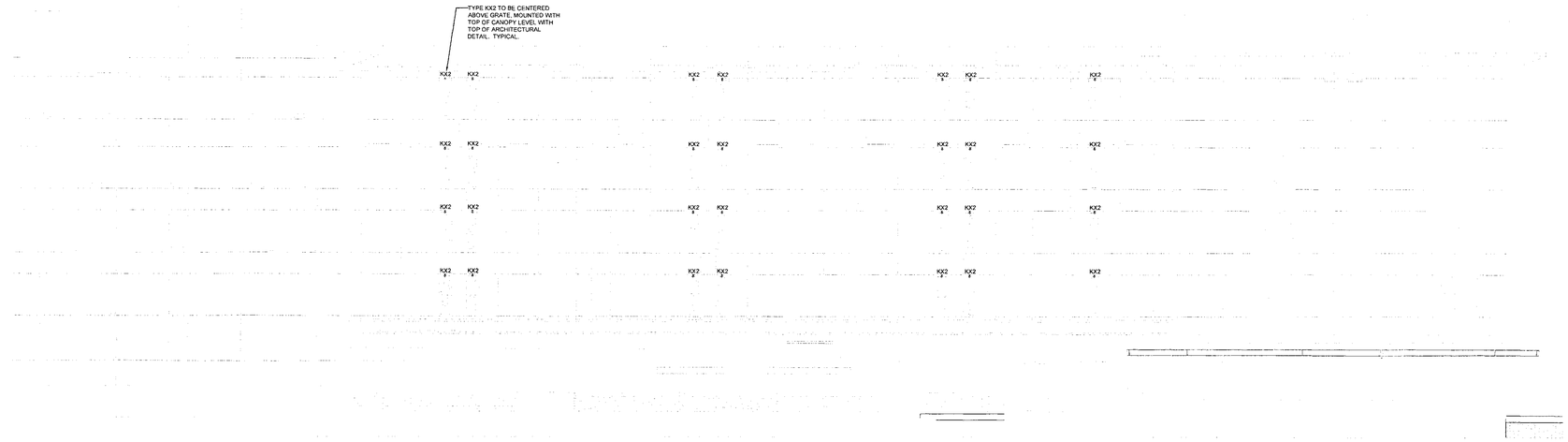


WEST ELEVATION LIGHTING
SCALE: 3/32" = 1'-0"

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NORTH ELEVATION LIGHTING
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SCOTTSDALE ROAD - NORTH SIDE - WITH CONTEXT

SCOTTSDALE ROAD - SOUTH SIDE - WITH CONTEXT

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| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | PERSPECTIVE OF NORTHEAST CORNER |
|---|---|---|---|

JACKSON·SHAW

ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

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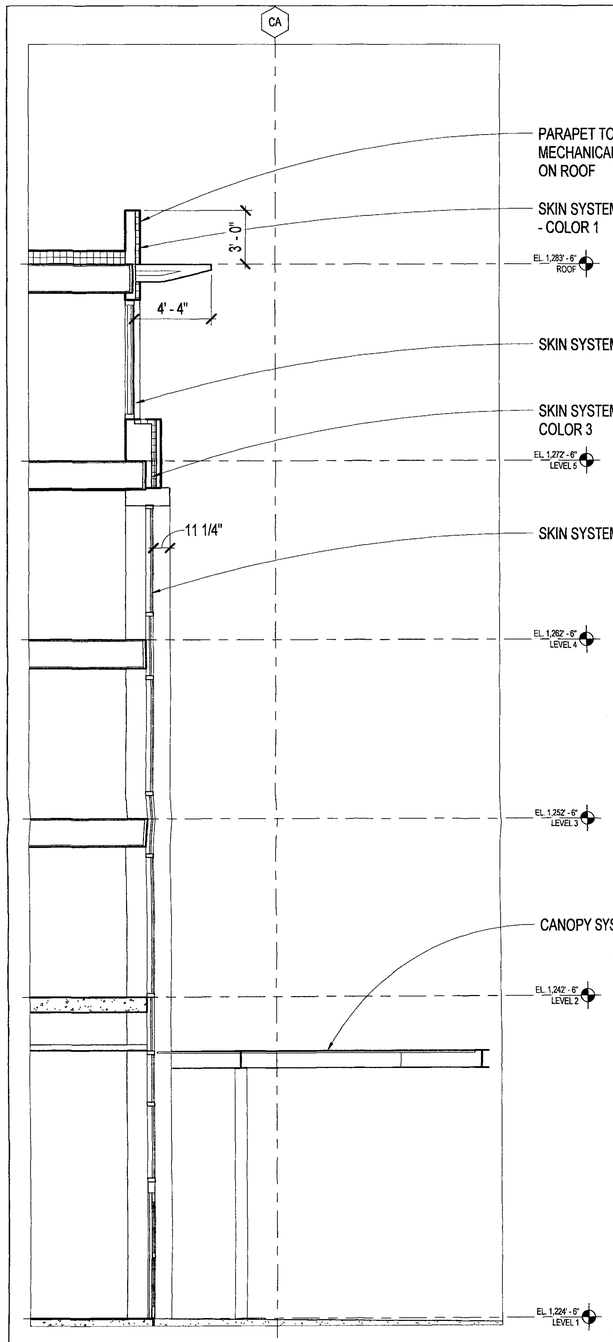
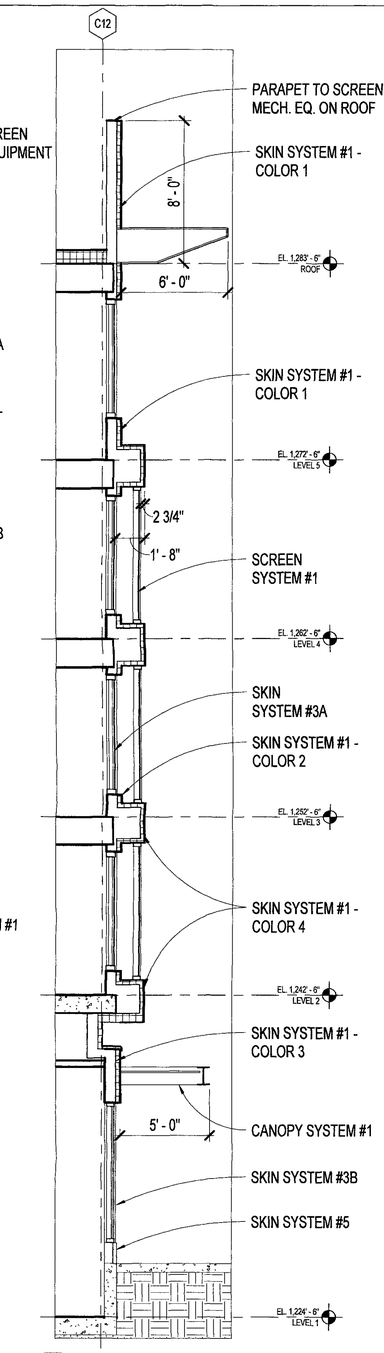
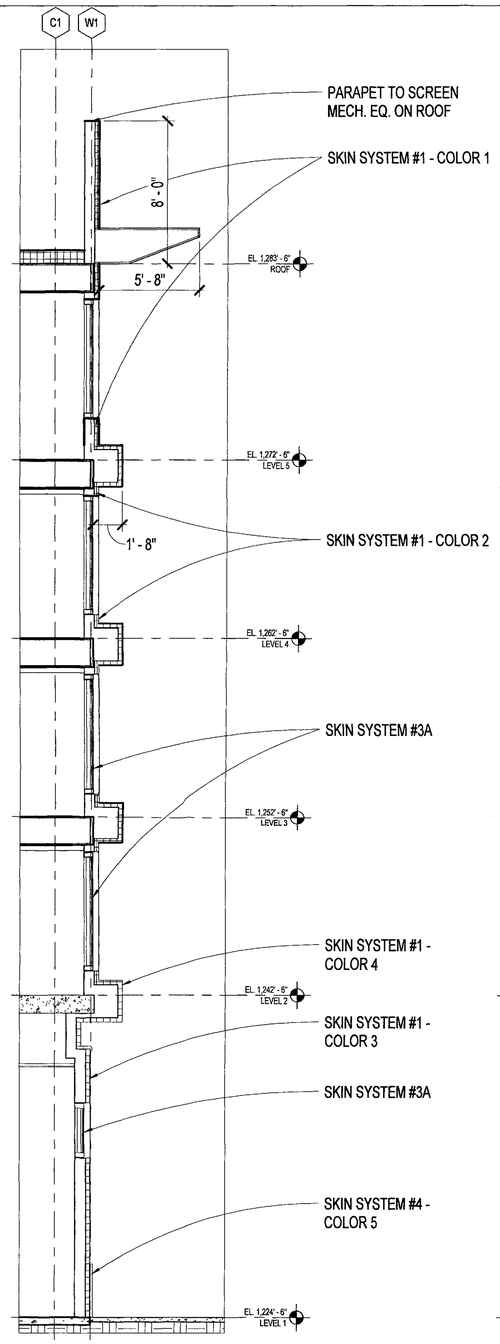
24-DR-2017
7/20/17



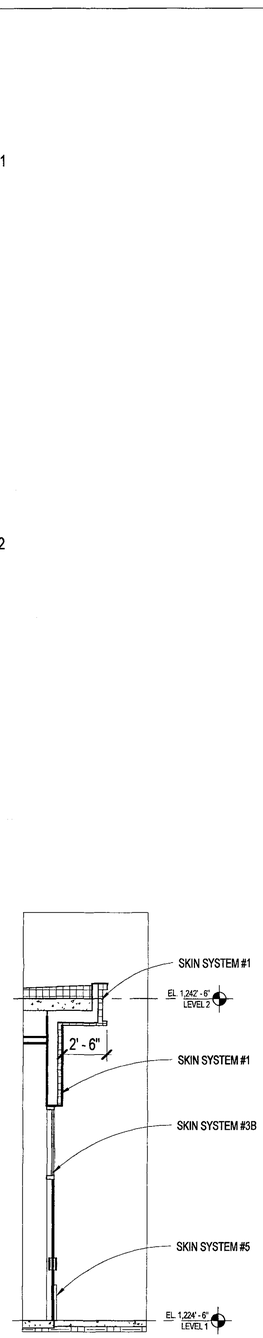

8 WS2 DRB SECTION - ENTRY
SCALE: 1/4" = 1'-0"




9 WS2 DRB SECTION - MEETING ROOM
SCALE: 1/4" = 1'-0"




10 WS2 DRB SECTION - KITCHEN
SCALE: 1/4" = 1'-0"




11 WS2 DRB SECTION - F&B ENTRY
SCALE: 1/4" = 1'-0"

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | WALL SECTIONS |
|---|---|---|---|

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0 4 8

ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

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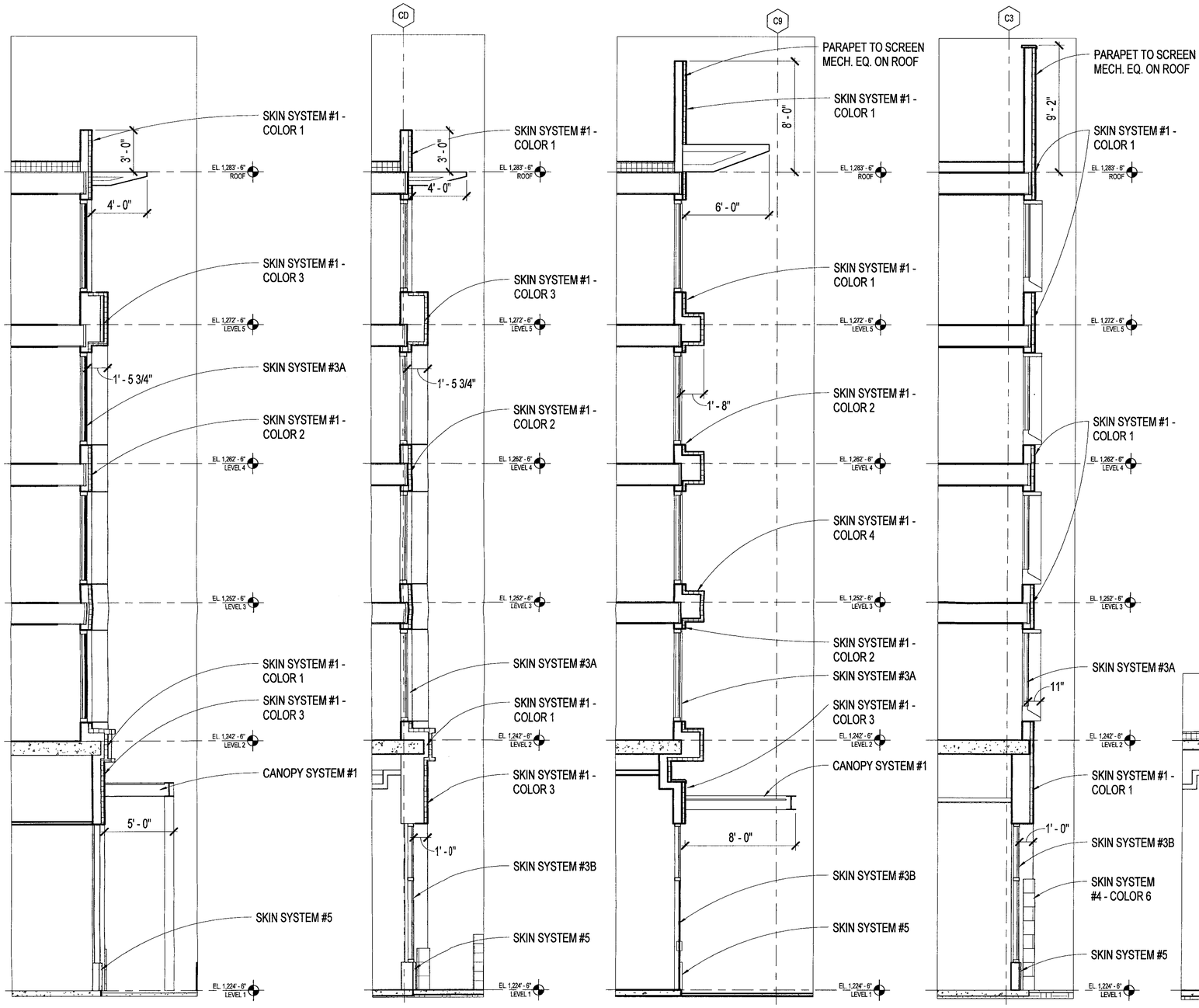



1 WS1 DRB SECTION - LEVEL 01 KING
SCALE: 1/4" = 1'-0"



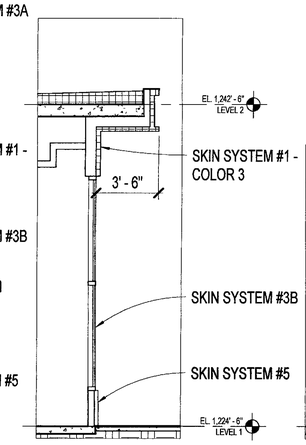

2 WS1 DRB SECTION - COURTYARD CORRIDOR
SCALE: 1/4" = 1'-0"



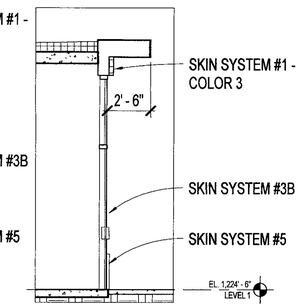

3 WS1 DRB SECTION - PREFUNCTION
SCALE: 1/4" = 1'-0"



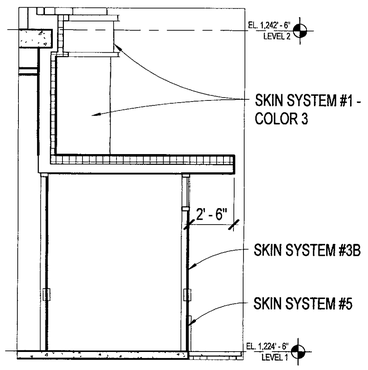

4 WS1 DRB SECTION - FITNESS THRU TOWER
SCALE: 1/4" = 1'-0"




5 WS1 DRB SECTION - LOUNGE ATRIU
SCALE: 1/4" = 1'-0"




6 WS1 DRB SECTION - POOL ENTRY
SCALE: 1/4" = 1'-0"




7 WS1 DRB SECTION - WEST VESTIBULE
SCALE: 1/4" = 1'-0"

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | WALL SECTIONS |
|---|---|---|---|

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0 4 8

ELEMENT HOTEL @ SKYSONG
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24-DR-2017
7/20/17

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | PERSPECTIVE LOOKING NORTH FROM SCOTTSDALE ROAD |
|---|---|---|---|

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ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

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24-DR-2017
7/20/17

| PROJECT NO. 20160107.00 | REVISION NO. 002 | DATE 08/09/2017 | STREETSCAPE ELEVATIONS |
|---|---|---|---|

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0 2 4

ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

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24-DR-2017
08/11/2017

NOTE: SERVICE ENTRANCE SECTION LOCATED IN MAIN ELECTRICAL ROOM IN BUILDING INTERIOR - SEE SITE PLAN AND LEVEL 1 FLOOR PLAN

| PROJECT NO. 20160107.00 | REVISION NO. 002 | DATE 08/09/2017 | STREETSCAPE ELEVATIONS |
|---|---|---|---|

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0 2 4

ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

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24-DR-2017
08/11/2017

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | AERIAL CONTEXT WITH PROPOSED SITE IMPROVEMENTS |
|---|---|---|---|

JACKSON·SHAW

N

750' radius

ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

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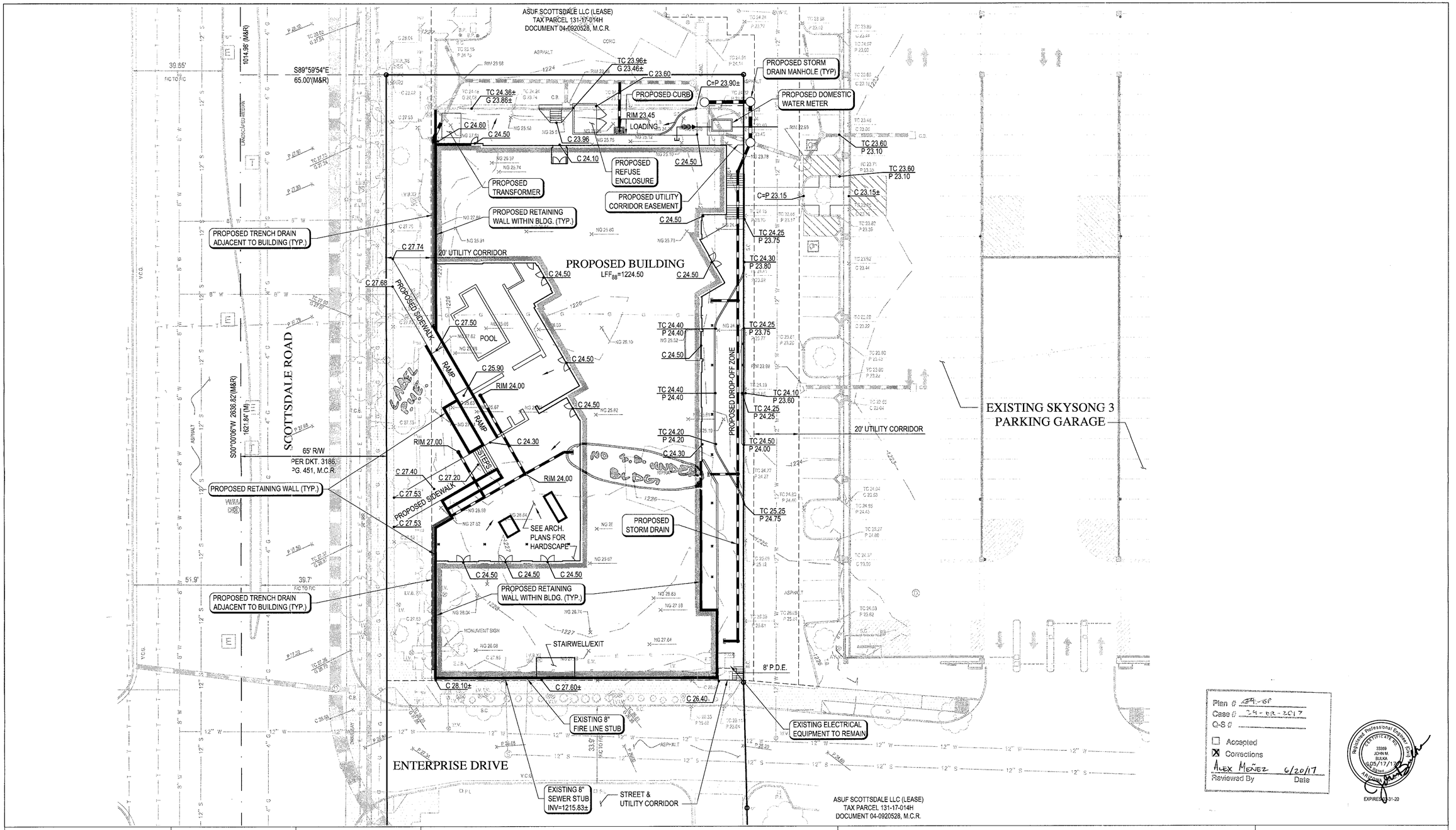
24-DR-2017
7/20/17




Plan # 29-ER
Case # 29-DR-2017
Q-S #
☐ Accepted
☒ Corrections
Alex Meñez 6/20/17
Reviewed By Date

Registered Professional Engineer Certificate No. 33359 JOHN M. BUKKA 05/17/17 Date Signed ARIZONA U.S.A. EXPIRES 03-31-20

| | | | | | |
|---|---|---|---|---|---|
| PROJECT NO. 20160107.00<br>WP PROJECT NO. 123808.24 | REVISION NO. 000 | DATE 05/16/2017 | *Notes* | CONCEPTUAL GRADING & DRAINAGE PLAN | C1 OF 1 |

N

0 20 40

ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

N:\2012\123808\Dwg\Imp\Hotel\DRB\3808.24-001-DRB-GD.dwg

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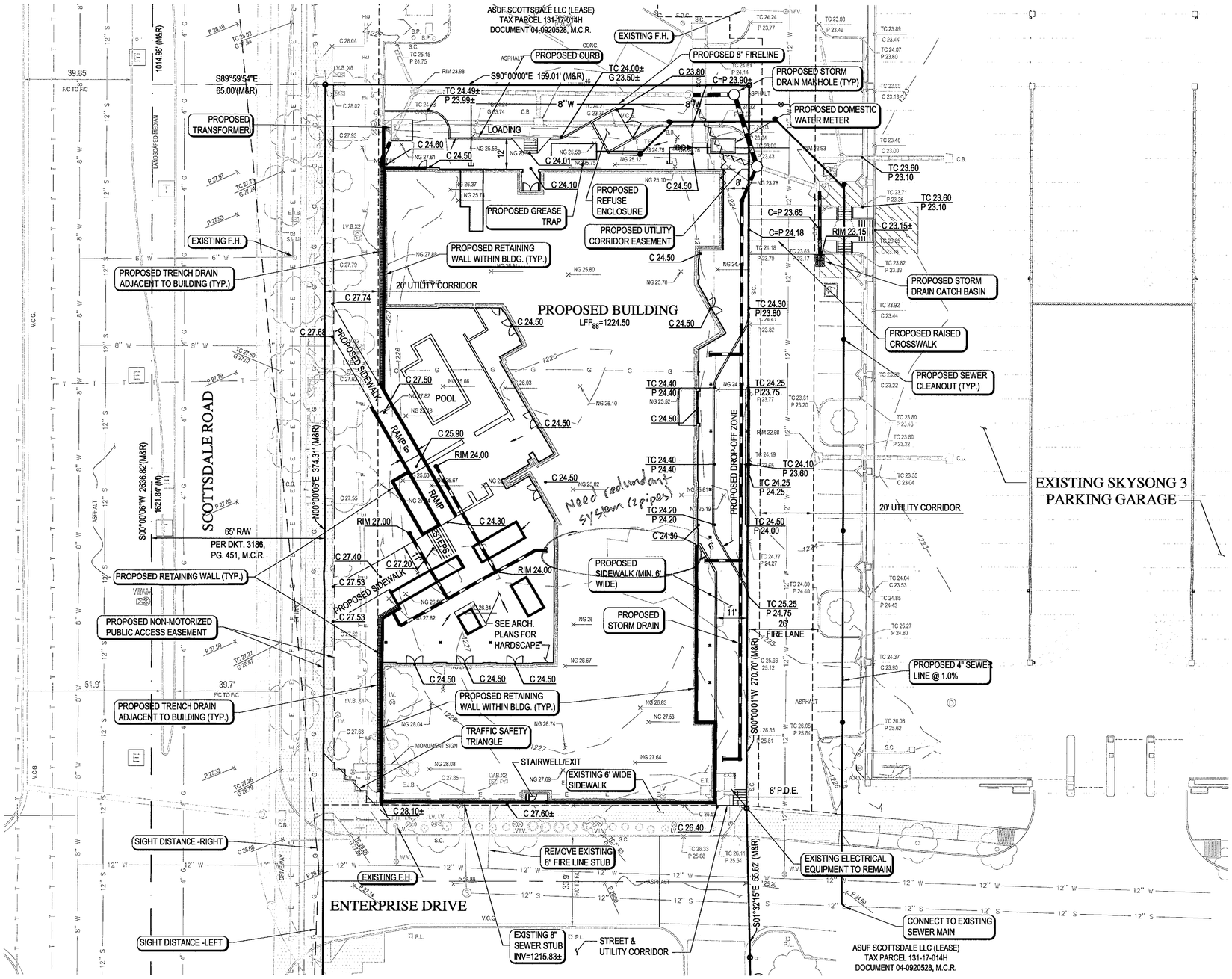


GENERAL NOTES:

1. DRIVE AISLE/FIRE LANE SHALL HAVE AN UNOBSTRUCTED VERTICAL CLEARANCE OF 13 FEET 6 INCHES.
2. NO VEHICULAR GATES ARE PROPOSED WITH THIS PROJECT.
3. REQUIRED FIRE HYDRANT SPACING PER FIRE ORDINANCE 4283, 507.5.1.2 IS 700' ON CENTER MIN. - MAX. HYDRANT SPACING SPACING PROVIDED IS ±445 WITH EXISTING HYDRANTS.
4. FIRE LANE SIGNS AND OR RED PAINTED CURB SHALL BE PROVIDED PER FIRE ORDINANCE 4283, 503.3)
5. FIRE LANE SURFACES SHALL BE CAPABLE OF SUPPORTING A MIN. 83,000 LBS. GROSS VEHICLE WEIGHT.

Drg Concept approved.
Need redundant pipes
with final design.

Stormwater Review By:
Alex Menez
Phone: 480-312-7278
Fax: 480-312-9103
e-mail: amenez@ScottsdaleAZ.gov
Review Cycle 2 Date 8/3/2017

Registered Professional Engineer (Civil)
CERTIFICATE NO.
33359
JOHN M.
BLIKA
07/14/17
Arizona U.S.A.
EXPIRES: 09-30-20

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | RESULTS OF ALTA SURVEY |
|---|---|---|---|

JACKSON·SHAW

N

0 20' 40'

ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

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ELEMENT AT SKYSONG

TYPE KX 9

# BANTAM™

PROJECT NAME: _____

REP AGENCY: _____

APPROX. QUANTITY: _____

SCAN QR CODE
for technical information, downloads, instructions, and system configuration guides

BANTAM™
ANOTHER
LUMENRAIL®
COMPONENT
FOR LIFE SAFETY
AND LIGHT.

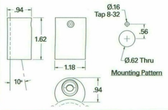
## PART NUMBER BUILDER

| LULF30K705XTR | LULF | | | | |
|---|---|---|---|---|---|
| EXAMPLE | FIXTURE TYPE | COLOR TEMP | OPTIC | DRIVE CURRENT | BANTAM |
| * Indicates stock, other options may require additional lead-time. | **LULF** - Lumenpod® | **27K** - 2700° K<br>**30K** - 3000° K<br>*40K - 4000° K<br>**50K** - 5000° K<br>**BLU** - Blue<br>**GRN** - Green<br>**RED** - Red<br>**AMB** - Wildlife Amber | **16** - 16° beam<br>**23** - 23° beam<br>**46** - 46° beam<br>**70** - 70° beam<br>**94** - 94° beam | ***5** - 500 mA<br>***3** - 350 mA<br>*Extended life 100,000HR version requires 350 mA* | **XTR** - Machined 316 SS, post mount housing<br>**XTF** - Machined 316 SS, flat surface-mount housing |

## ELECTRICAL SPECIFICATIONS

| | | | | |
|---|---|---|---|---|
| All electrical connections to be made by a qualified electrician in accordance with all national, state and local electrical codes. | 24VDC<br>INPUT VOLTAGE | ETL LISTED WET, IK10, IP67<br>CERTIFICATIONS | 0-10V INPUT<br>DIMMING | -40°F TO +120°F<br>OPERATING TEMP |
| | CLASS 2 REQUIRED<br>DRIVER | 5 YEARS<br>WARRANTY | UP TO 116 LM/W LED<br>EFFICIENCY | 80+<br>CRI |

## CONSTRUCTION




Bantam is solid machined 316 stainless steel with security hardware and is available for flat or round, 1.50"-1.90" diameter, surface mounting.

## PHOTOMETRICS

Bantam is designed with an inherent 10° bias above nadir. This asymmetric feature projects the output from the mounting surface towards the path or feature. IES reports to view or download are available by scanning the QR code or visiting our website.

## LUMENGEAR™ - LED DRIVER & NEMA ENCLOSURE OPTIONS

Wagner offers multiple ETL listed options for both 24VDC power supplies and NEMA enclosures. Quantities and types will be configured based on your specifications and design. Additional specification options are available by request. Not all options apply to all products, please verify compatibility with the factory.

**CLASS II DRIVERS:**
- *STD 100W Non Dim
- 0-10V
- Multiple Wattages
- 24VDC

**NEMA ENCLOSURES:**
4X, 6

**LUMENPOST™:**
Integrated 100W, 0-10V DIM

*Specifications may change without prior notice, verify data at time of order, all rights reserved*

WAGNER ARCHITECTURAL SYSTEMS
888.243.6914 // SYSTEMS@MAILWAGNER.COM
10600 West Brown Deer Road // Milwaukee, WI 53224, USA

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WAGNERARCHITECTURAL.COM
LUBT SUBM R1

CM KLING + ASSOCIATES INC

ELEMENT AT SKYSONG

TYPE KX 10

Recessed wall luminaires · shielded

Type:
BEGA Product:
Project:
Voltage:
Color:
Options:
Modified:

**Housing:** Die-cast aluminum with integral wiring compartment. Die castings are marine grade, copper free (≤ 0.3% copper content) A360.0 aluminum alloy.

**Enclosure:** One piece die-cast aluminum faceplate. ½" thick, tempered glass; clear with white translucent ceramic coating. Faceplate is secured by four (4) socket head, stainless steel, captive screws threaded into stainless steel inserts in the housing casting. Continuous high temperature O-ring gasket for weather tight operation.

**Electrical:** 10.5W LED luminaire, 12.8 total system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (85 CRI); add suffix K4 to order.

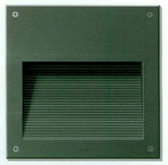
**Note:** LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

**Finish:** All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

**CSA** certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP65

**Weight:** 3.5 lbs.

**Luminaire Lumens:** 160
*Tested in accordance with LM-79-08*



Recessed Luminaires - **shielded** light

| | | Lamp | A | B | C | GPC |
|---|---|---|---|---|---|---|
| **22372** | AMA | 10.5W LED | 7½ | 7½ | 4 | **19522** |

**BEGA-US** 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 FAX (805) 566-9474 www.bega-us.com
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CM KLING + ASSOCIATES INC

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
9-21-17
DATE
INITIALS

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | EXTERIOR LIGHTING CUT SHEETS |
|---|---|---|---|

JACKSON·SHAW

N 0 X

ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

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24-DR-2017
7/20/17

## Specification Sheet

lumenfacade™
WHITE & STATIC COLORS

Client _____ Project name _____

Order# _____ Type _____ Qty _____

### FEATURES AND BENEFITS

IK07[1]

lumen EcoSystem. Enabled

#### Physical :

- low copper content extruded aluminum housing
- Available in 1', 2', 3' or 4' sections
- Electro-statically applied polyester powder coat finish
- Machined aluminum end caps and silicone gaskets
- Stainless steel hardware
- Clear tempered glass lens
- Asymmetric wallwash, 8° x 8°, 10° x 10°, 10° x 30°, 10° x 60°, 10° x 90°, 15° x 25°, 30° x 30°, 30° x 60°, 35° x 35°, 50° x 80°, 60° x 60°, 80° x 80°, or 90° x 90° optics
- IP66
- IK07 rated (asymmetric wallwash lens is IK06 rated)
- Meets 3G ANSI C136.31 Vibration standard for bridge applications
- Corrosion-resistant coating for hostile environments[2]

#### Performance :

- 2200K, 2700K, 3000K, 3500K, 4000K, Red, Green, Blue static colors available
- CRI value: 80+
- Minimum 1fc (10.7 lux) @ 140ft (43m) distance (HO 4000K, 4° unit, 10° x 60° optic)
- Lumen maintenance: 120,000 hrs (L70 @ 25°C)
- Lumen measurements comply with LM - 79 - 08 standard
- Resolution per foot or per fixture (configured with LumenID V3 software & DMX/RDM)
- Operating temperatures: -25° C to 50° C (-13F to 122F)

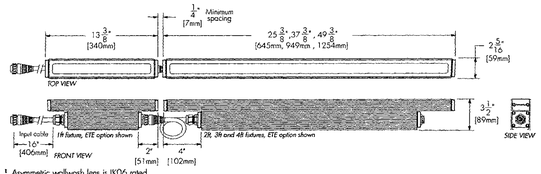
#### Electrical :

- line voltage luminaire for 100 to 277V
- Power and data in 1 cable (#16-5)
- End-to-end option (ETE): 16" black input cable, no jumper cable needed
- 252lt [77m] maximum cable and fixture run length, non-dimming, 277V, HO version
- 164ft [50m] maximum cable and fixture run length, non-dimming, 277V, HO version
- 5W/ft version meets ASHRAE standards for linear lighting on building facades[3]
- 8.5W/ft Regular Output version[3]
- 15.25W/ft High Output version[3]
- Dimming options: lumentalk, 0-10 volt, DALI, Lutron® EcoSystem® or DMX/RDM enabled

**Photometric Summary**

| 4ft HO, 4000K | Delivered Output [lm] | Intensity [peak cd] |
|---|---|---|
| WW | 3,592 | 5,159 |
| 8"x8" | 4,045 | 77,896 |
| 10"x10" | 3,768* | 38,346* |
| 10"x30" | 3,830 | 30,056 |
| 10"x60" | 3,692 | 19,654 |
| 10"x90" | 3,576 | 7,897 |
| 30"x30" | 3,765 | 14,726 |
| 30"x60" | 3,862* | 5,119* |
| 60"x60" | 3,447* | 3,015* |
| 90"x90" | 3,592 | 1,886 |

Photometric performance is measured in compliance with IESNA LM-79-08.
*Estimated. Consult lumenpulse website for the latest IES and LDT files.




[1] Asymmetric wallwash lens is IK06 rated.
[2] Use only when exposed to salt spray and harsh chemicals. This option is not required for normal outdoor exposure!
[3] ASHRAE version not available for 1' fixture lengths. Power consumption is typically 20% higher for 1' fixture lengths.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5-year limited warranty. Consult www.lumenpulsegroup.com for our complete Standard Terms and Conditions of Sales.
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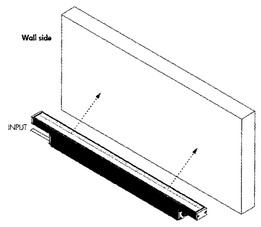
Lumenpulse reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
CM KLING + ASSOCIATES INC



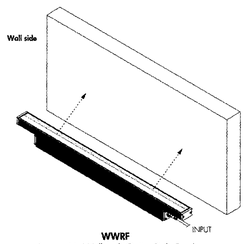
## Specification Sheet

lumenfacade™
WHITE & STATIC COLORS

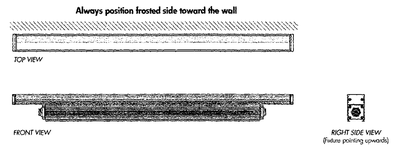
### ASYMMETRIC WALLWASH OPTIC FEEDING SIDE DETAIL




**WWLF**
Asymmetric Wallwash Optic, Left Feed




**WWRF**
Asymmetric Wallwash Optic, Right Feed



*Fixture's feeding side is based on upilight installations. Feeding sides are reversed when fixture is used in a downlight application.

Recommended setback from wall is 1/10 of the wall height.

Example: 2ft [0.6m] setback for a 20ft [6m] wall.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5-year limited warranty. Consult www.lumenpulsegroup.com for our complete Standard Terms and Conditions of Sales.
lumenpulse GROUP
Lumenpulse reserves the right to make changes to this product at any time without prior notice and such modification shall be effective immediately.
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## Specification Sheet

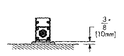
lumenfacade™
WHITE & STATIC COLORS

### MOUNTING OPTIONS

Surface Mount

**SAM**
Slim Adjustable Mounting

**UMP**
Fixed Mounting




Wall Mount

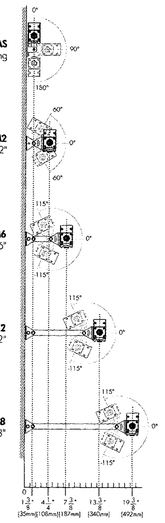
**UMAS**
Universal Adjustable Mounting

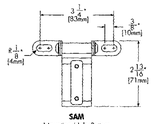
**WAM2**
Adjustable Wall Mounting 2"

**WAM6**
Adjustable Extended Arm Mounting 6"

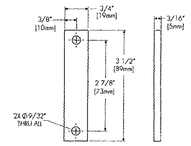
**WAM12**
Adjustable Extended Arm Mounting 12"

**WAM18**
Adjustable Extended Arm Mounting 18"

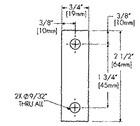


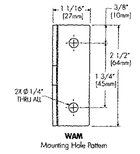

SAM
Mounting Hole Pattern




UMP
Mounting Hole Pattern




UMAS
Mounting Hole Pattern




WAM
Mounting Hole Pattern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1.877.937.3003 P.514.937.3003 F. 514.937.6289 info@lumenpulse.com www.lumenpulsegroup.com
5-year limited warranty. Consult www.lumenpulsegroup.com for our complete Standard Terms and Conditions of Sales.
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CM KLING + ASSOCIATES INC

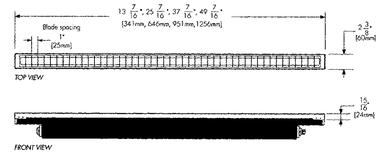


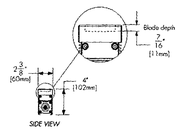
## Specification Sheet

lumenfacade™
WHITE & STATIC COLORS

### LOUVER ACCESSORY INSTALLATION DETAIL

Not suitable for asymmetric wallwash optic

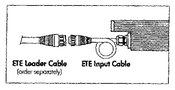



**LOGRD**
Radial louver for Lumenfacade
(See page 6 for ordering code)

### OPTION

**ETE -** End-to-end configuration, 16" black input cable, no jumper cable needed.





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STIPULATION SET
RETAIN FOR RECORDS
APPROVED
9.21.17
DATE INITIALS

PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017

EXTERIOR LIGHTING CUT SHEETS

JACKSON·SHAW

N 0 X

ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

COOPER CARRY

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ArchStar™ BIKSEL Integral Driver

THE POWER OF X

# FLOODLIGHT

PROJECT:
TYPE:
CATALOG NUMBER:
SOURCE:
NOTES:

## CATALOG NUMBER LOGIC

Example B - AR - LED - TR - x52 - SP - MIT - 12 - 11 - A - 8 - D10 - 120 - WM

**Material**
Blank - Aluminum B - Brass S - Stainless Steel

**Series**
AR - ArchStar™

**Source**
LED - 'X' Module with Chip on Board technology

**Housing**
TR - *Integral Driver*

**LED Type**
x52 - 10WLED/2.7K x53 - 10WLED/3K x54 - 10WLED/4K

**Optics**
SP - Spot (20°) MFL - Medium Flood (40°) WFL - Wide Flood (60°)

**Finish**

| Aluminum Finish | | |
|---|---|---|
| Powder Coat Color | Satin | Wrinkle |
| Bronze | BZP | BZW |
| Black | BLP | BLW |
| White (Gloss) | WHP | WHW |
| Aluminum | SAP | — |
| Verde | — | VER |

| Brass Finish | |
|---|---|
| Machined | MAC |
| Polished | POL |
| Mitique™ | MIT |

| Stainless Finish | |
|---|---|
| Machined | MAC |
| Polished | POL |
| Brushed | BRU (exterior use only) |

| Premium Finish | | | |
|---|---|---|---|
| ABP | Antique Brass Powder | CMG | Cascade Mountain Granite | RMG | Rocky Mountain Granite |
| AMG | Aleutian Mountain Granite | CSI | Cracked Ice | SDS | Sonoran Desert Sandstone |
| AQW | Antique White | CRM | Cream | SMG | Sierra Mountain Granite |
| BCM | Black Chrome | HUG | Hunter Green | TXF | Textured Forest |
| BGE | Beige | MDS | Mojave Desert Sandstone | WCP | Weathered Copper |
| BPP | Brown Patina Powder | NBP | Natural Brass Powder | WIR | Weathered Iron |
| CAP | Clear Anodized Powder | OCP | Old Copper | *Also available in RAL Finishes See submittal SUB-1419-00* | |

**Lens Type**
12 - Soft Focus Lens 13 - Rectilinear Lens

**Shielding**
11 - Honeycomb Baffle

**Cap Style**
A - 45° B - 90° C - Flush D - 45° less Weep Hole *(exterior Use Only)* E - 90° less Weep Hole *(exterior Use Only)* F - 90° Cutoff with Flush Lens

**Base Height**
8 - 8" with Anchor Base 14 - 14" with Anchor Base 20 - 20" with Anchor Base 26 - 26" with Anchor Base

**Driver Type**
D10VNC - 10W Dimming Driver *(for use with Incandescent Dimmer)* 120V Only**

**Input Voltage**
120 - 120 VAC Input
277 - 277 VAC Input

**Option**
PP - Power Pipe™ option with 18" Stake SF - Stability Flange *(for use with Power Pipe™)* WM - Wall or ceiling Mount with 5" dia. canopy**
*** Base height limited to 6" max. with brass and stainless steel fixtures*

## LM79 DATA

| BK No. | LUMENS (Source) | CCT (Typ.) | CRI (Ra. Typ.) | Input Watts (Typ.) |
|---|---|---|---|---|
| x52 | 1180 | 2700K | 80 | 10 |
| x53 | 1230 | 3000K | 80 | 10 |
| x54 | 1280 | 4000K | 80 | 10 |

## L70 DATA

| Minimum Rated Life (hrs.) 70% of initial lumens ($L_{70}$) |
|---|
| 50,000 |
| 50,000 |
| 50,000 |

## OPTICAL DATA

| Beam Type | Angle | CBCP |
|---|---|---|
| Spot | 20° | 2680 |
| Flood | 40° | 1744 |
| Wide Flood | 60° | 640 |

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|---|---|---|---|

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CM KLING + ASSOCIATES INC

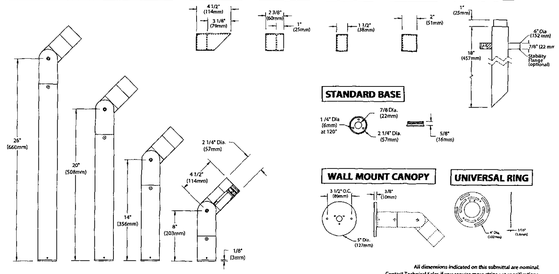
ArchStar™ BIKSEL Integral Driver

THE POWER OF X

FLOODLIGHT

PROJECT:
TYPE:

ANCHOR BASE STANDARD MOUNT | "A/D" CAP | "B/E" CAP | "C" CAP | "F" CAP | POWER PIPE




STANDARD BASE




WALL MOUNT CANOPY | UNIVERSAL RING




All dimensions indicated on this submittal are nominal.
Contact Technical Sales if you require more stringent specifications.

## SPECIFICATIONS

**GreenSource Initiative™**
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains *no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s).* Consult www.bklighting.com/greensource for program requirements.

**Materials**
Furnished in Copper-free Aluminum (Type 6061-T6), Brass (Type 360) or Stainless Steel (Type 304).

**Body**
Fully machined from solid billet. Unibody design provides enclosed, water-proof wireway and integral heat sink for maximum component life. Integral knuckle for maximum mechanical strength. High temperature, silicone 'O' Ring provides water-tight seal.

**Knuckle**
'Aim and Lock' knuckle is comprised of two components. The first is integral to the body and features an interior, machined taper. The second is machined from solid billet and features a second, reverse angle taper. The resultant mechanical taper-lock allows a full 180° vertical adjustment without the use of serrated teeth, which inherently limit aiming. High temperature, silicone 'O' Ring provides water-tight seal and compressive resistance to maintain fixture position. Design withstands 73 lb. static load prior to movement to ensure decades of optical alignment. Biaxial source control with 360° horizontal rotation in addition to vertical adjustment.

**Cap**
Fully machined. Accommodates (1) lens or louver media. Choose from 45° cutoff ('A' or 'D'), 1" deep bezel with 90° cutoff ('B' or 'E'), flush lens ('C'), or 1" deep cutoff with flush mounted lens ('F') cap styles. 'A' and 'B' caps include weep-hole for water and debris drainage. 'D' and 'E' caps exclude weep-hole and are for interior use only.

**Lens**
Shock resistant, tempered, glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment. Specify soft focus (#12) or rectilinear (#13) lens.

**BKSSL®**
Integrated solid state system with 'X' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance. Minimum 50,000 hour rated life at 70% of initial lumens (L70). BKSSL technology provides long life, significant energy reduction and exceptional thermal management.

**Color Management**
Chip on board technology delivers natural white light. Exact color point conformity exceeds ANSI C78.377 standard. Module exceeds 80 CRI (Ra>80, R9.140). Color point uniformity 2 SDCM color control for 2700K-4000K CCT.

**Installation**
Available for installation in three distinct mounting conditions:

**Anchor Base** (Standard)
Machined anchor base with 7/8"dia. slip conduit hole and (3) 3/16" dia. anchor bolt holes (hardware by others).

**Power Pipe™** (Optional)
Provides a clean transition from wiring system to fixture. Schedule 80, 18" PVC housing for direct burial into soil or concrete. Machined 2-1/4" dia. cap for fixture mounting. Stainless steel hardware. Optional 6" diameter, molded stability flange, which simplifies installation and projects into substrate to reinforce housing stability.

**Wall Mount Canopy** (Optional)
Optional 5" dia. machined canopy permits mounting to junction box (gasket by others). 8" maximum base height for canopy-mounted brass or stainless steel fixture.

**Driver**
(1) 350mA, Class A, constant current driver, 120VAC / 277VAC (nominal) primary input voltage, 50/60Hz, ±0.90 Power Factor, <10.0A in-rush current, 0.14A input current, <20%THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. EMC: FCC47CFR Part 15 Class B compliant.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

**Optics**
Interchangeable OPTIKIT™ modules permit field changes to optical distribution.

**Wiring**
Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard.

**Hardware**
Tamper-resistant, stainless steel hardware. Knuckle vertical aiming screw is additionally black oxide treated for additional corrosion resistance.

**Finish**
StarGuard®, our exclusive RoHs compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating. Brass components are available in powder coat or handcrafted metal finish. Stainless steel components are available in handcrafted metal finish. (Brushed finish for interior use only).

**Warranty**
5 year limited warranty.

**Certification and Listing**
UL tested to ESNA LM-79. UL Listed. Certified to CAN/CSA/ ANSI Standards. RoHs compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. Suitable for installation within 4" of the ground. IP66 Rated. Made in USA.

**Teflon is a registered trademark of DuPont Corporation.*

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|---|---|---|---|

CM KLING + ASSOCIATES INC

.hess

## LINEA S 900 Specification

The slender profile of LINEA complements contemporary architecture with well proportioned styling and a modern form. The fabricated aluminum bollard is available as a single or twin mount luminaire in three different heights to meet varying scale requirements. The fully shielded luminaire emits zero uplight and is Dark Sky compliant. Concealed mounting minimizes the footprint. All hardware is stainless steel. Standard colors; matte silver grey metallic, dark grey, or graphite grey. Special colors available.

| Model | Lamp | Color Temperature | Volt | Mounting | Finish | Option |
|---|---|---|---|---|---|---|
| LN900S | LED | WW -3000K | UNV - 120-277V | A - Single Mount | DG - Dark Grey | DIM - 0-10vDC Dimming |
| | | NW - 4000K | | B - Twin Mount | GG - Graphite Grey | N - None |
| | | | | | SG - Silver Grey | |
| | | | | | CC - Custom Color | |

**Ordering Information**
**LN900S LED UNV**

Specifications are subject to change without notification
HessAmerica › Products › Lighting Products › Illuminating Bollard › LINEA S
http://www.hessamerica.com/Products/Lighting/Illuminating_Bollard/LINEA_S/



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## LINEA S 900 Specification

HOUSING
Single piece bollard consisting of luminaire head and shaft is fabricated from 6061 aluminum extrusion showing no visible welds. Nominal wall thickness is 0.125" with rectangular cross-section of 6" x 2". LED light engine and driver are housed within a self contained power pack installed in the bollard head and is removable with a single tamper-proof fastener. The LED light engine is thermally managed using convection and heat transfer through the use of an aluminum heat sink and the luminaire housing. The lens is clear, impact resistant acrylic. Bollard is available in single or twin mount configurations. All hardware is stainless steel.

OPTICS
LED light engine consists of three high output, multi-chip LED arrays fitted with prismatic lens optics to produce a uniform asymmetric light distribution pattern suitable for pathways and sidewalks. Luminaire emits zero uplight at or above 90 degrees *horizontal and qualifies for use in LEED zones LZ1, LZ2, LZ3, and LZ4. Color temperature may be 3000K or 4000K with CRI* greater than 80.

ELECTRICAL
Integral LED driver is housed in luminaire head and consumes 11 watts at 350 mA. Input voltage range is 120v - 277v AC, 50-60 Hz. High power factor LED driver shall be UL recognized.

LED DELIVERED LUMENS / BUG RATING
3000K - 479 delivered lumens / B0-U0-G1
4000K - 514 delivered lumens / B0-U0-G1

NOTE: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of HessAmerica. Consult factory for more current technical data.

*MOUNTING*
Flangeless bollard shaft slips over an integral tenon on the installation plate and is secured with stainless steel tamper-proof hardware to provide a stable mounting platform for the luminaire. Hardware for the installation plate includes hex nuts and washers for leveling and fastening, as well as three 1/2" hot-dip galvanized anchor bolts for embedment into a concrete foundation provided by others.

FINISH
Standard finishes are finely textured dark grey, graphite grey, or matte silver gray metallic. Special colors available on request.

CERTIFICATION
CSA/US Certified for Wet Locations

WARRANTY
Limited product warranty period including LEDs is five years. Driver shall carry the manufacturer's limited warranty.

Specifications are subject to change without notification
HessAmerica › Products › Lighting Products › Illuminating Bollard › LINEA S
http://www.hessamerica.com/Products/Lighting/Illuminating_Bollard/LINEA_S/



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DATE INITIALS

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|---|---|---|---|
| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | EXTERIOR LIGHTING CUT SHEETS |

JACKSON·SHAW

N 0 X

ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

COOPER CARRY

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24-DR-2017
7/20/17

ArtiStar™
BK SERIES
Integral Driver

THE POWER OF X

# FLOODLIGHT

| | |
|---|---|
| PROJECT: | |
| TYPE: | |
| CATALOG NUMBER: | |
| SOURCE: | |
| NOTES: | |

## CATALOG NUMBER LOGIC

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Example | B | - | AR | - | LED | - | TR | - | x52 | - | SP | - | MIT | - | 12 | - | 11 | - | A | - | 8 | - | D10 | - | 120 | - | WM |

**Material**
Blank - Aluminum B - Brass S - Stainless Steel

**Series**
AR - ArtiStar™

**Source**
LED - 70 Module with Chip on Board technology

**Housing**
TR - Integral Driver

**LED Type**
x52 - 10WLED/2.7K x53 - 10WLED/3K x54 - 10WLED/4K

**Optics**
SP - Spot (20°) MFL - Medium Flood (40°) WFL - Wide Flood (60°)

**Finish**

**Aluminum Finish**

| Powder Coat Color | Satin | Wrinkle |
|---|---|---|
| Bronze | BZP | RZW |
| Black | BLP | BLW |
| White (Gloss) | WHP | WHW |
| Aluminum | SAP | — |
| Verde | — | VDR |

**Brass Finish**

| | |
|---|---|
| Machined | MAC |
| Polished | POL |
| Mirique™ | MIT |

**Stainless Finish**

| | |
|---|---|
| Machined | MAC |
| Polished | POL |
| Brushed | BRU (exterior use only) |

**Premium Finish**

| | | | | | |
|---|---|---|---|---|---|
| ABP | Antique Brass Powder | CMG | Cascade Mountain Granite | RMG | Rocky Mountain Granite |
| AMG | Aleutian Mountain Granite | CRI | Cracked Ice | SDS | Sonoran Desert Sandstone |
| AOW | Antique White | CRM | Cream | SMG | Siena Mountain Granite |
| BCM | Black Chrome | HUG | Hunter Green | TXF | Textured Forest |
| BGE | Beige | MDS | Mojave Desert Sandstone | WCP | Weathered Copper |
| BPP | Brown Patina Powder | NBP | Natural Brass Powder | WRI | Weathered Iron |
| CAP | Clear Anodized Powder | OCP | Old Copper | | Also available in RAL Finishes See submittal SUB-1499-00 |

**Lens Type**
12 - Soft Focus Lens 13 - Rectilinear Lens

**Shielding**
11 - Honeycomb Baffle

**Cap Style**
A - 45° B - 90° C - Flush D - 45° less Weep Hole (Interior Use Only) E - 90° less Weep Hole (Interior Use Only) F - 90° Cutoff with Flush Lens

**Base Height**
8 - 8" with Anchor Base 14 - 14" with Anchor Base 20 - 20" with Anchor Base 26 - 26" with Anchor Base

**Driver Type**
D10VDC - 10W Dimming Driver (for use with incandescent Dimmer)* 120V Only*

**Input Voltage**
120 - 120 VAC Input
277 - 277 VAC Input

**Option**
PP - Power Pipe™ option with 18" Stake SF - Stability Flange (for use with Power Pipe™) WM - Wall or ceiling Mount with 5" dia. canopy**
** Base height limited to 6" max. with brass and stainless steel fixtures

## LM79 DATA

| BK No. | LUMENS (Source) | CCT (Typ.) | CRI (Ra, Typ.) | Input Watts (Typ.) |
|---|---|---|---|---|
| x52 | 1180 | 2700K | 80 | 10 |
| x53 | 1230 | 3000K | 80 | 10 |
| x54 | 1280 | 4000K | 80 | 10 |

## L70 DATA

| Minimum Rated Life (hrs.) 70% of initial lumens ($L_{70}$) |
|---|
| 50,000 |
| 50,000 |
| 50,000 |

## OPTICAL DATA

| Beam Type | Angle | CBCP |
|---|---|---|
| Spot | 20° | 2680 |
| Flood | 40° | 1744 |
| Wide Flood | 60° | 640 |

**B-K LIGHTING**

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www.bkLighting.com • info@bkLighting.com

| RELEASED | DRAWING NUMBER |
|---|---|
| 12-20-16 | SUB-2125-00 |

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CM KLING + ASSOCIATES INC

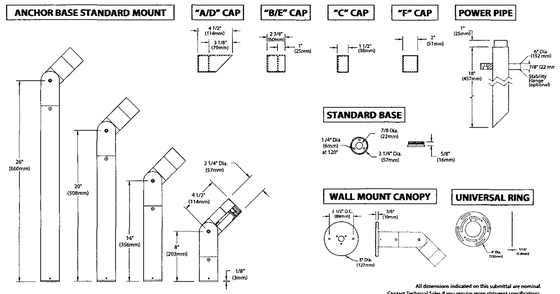
ArtiStar™
BK SERIES
Integral Driver

THE POWER OF X

FLOODLIGHT

PROJECT:
TYPE:

**ANCHOR BASE STANDARD MOUNT** **"A/D" CAP** **"B/E" CAP** **"C" CAP** **"F" CAP** **POWER PIPE**




**STANDARD BASE**




**WALL MOUNT CANOPY** **UNIVERSAL RING**




All dimensions indicated on this submittal are nominal.
Contact Technical Sales if you require more stringent specifications.

## SPECIFICATIONS

**GreenSource Initiative™**
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

**Materials**
Furnished in Copper-Free Aluminum (Type 6061-T6), Brass (Type 360) or Stainless Steel (Type 304).

**Body**
Fully machined from solid billet. Unibody design provides enclosed, water-proof wireway and integral heat sink for maximum component life. Integral knuckle for maximum mechanical strength. High temperature, silicone 'O' Ring provides water-tight seal.

**Knuckle**
'Aim and Lock' knuckle is comprised of two components. The first is integral to the body and features an interior, machined taper. The second is machined from solid billet and features a second, reverse angle taper. The resultant mechanical taper-lock allows a full 180° vertical adjustment without the use of serrated teeth, which inherently limit aiming. High temperature, silicone 'O' Ring provides water-tight seal and compressive resistance to maintain fixture position. Design withstands 73 lb. static load prior to movement to ensure decades of optical alignment. Biaxial source control with 360° horizontal rotation in addition to vertical adjustment.

**Cap**
Fully machined. Accommodates (1) lens or louver media. Choose from 45° cutoff ('A' or 'D'), 1° deep bezel with 90° taper-lock (with 'B' or 'E'), flush lens ('C'), or 1° deep cutoff with flush mounted lens ('F') cap styles. 'A' and 'B' caps include weep-hole for water and debris drainage. 'D' and 'E' caps exclude weep-hole and are for interior use only.

**Lens**
Shock resistant, tempered, glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment. Specify soft focus (#12) or rectilinear (#13) lens.

**BKSSL®**
Integrated solid state system with 'X' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance. Minimum 50,000 hour rated life at 70% of initial lumens (L70). BKSSL technology provides long life, significant energy reduction and exceptional thermal management.

**Color Management**
Chip on board technology delivers natural white light. Exact color point conformity exceeds ANSI C78.377 standard. Module exceeds 80 CRI (Ra>80, R9>10). Color point uniformity 2 SDCM color control for 2700K-4000K CCT.

**Installation**
Available for installation in three distinct mounting conditions:

**Anchor Base** (Standard)
Machined anchor base with 7/8" dia. slip conduit hole and (3) 3/16" dia. anchor bolt holes (hardware by others).

**Power Pipe™** (Optional)
Provides a clean transition from wiring system to fixture. Schedule 80, 1ST PVC housing for direct burial into soil or concrete. Machined 2-1/4" dia. cap for fixture mounting. Stainless steel hardware. Optional 6" diameter, molded stability flange, which simplifies installation and projects into substrate to reinforce housing stability.

**Wall Mount Canopy** (Optional)
Optional 5" dia. machined canopy permits mounting to junction box (gasket by others). 8" maximum base height for canopy-mounted brass or stainless steel fixture.

**Driver**
(1) 350mA, Class A, constant current driver, 120VAC / 277VAC (nominal) primary input voltage. 50/60Hz. ≥0.90 Power Factor, <10 DA in rush current, 0.144A input current, ≤20% THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. EMC: FCC47CFR Part 15 Class B compliant.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

**Optics**
Interchangeable OPTIKIT™ modules permit field changes to optical distribution.

**Wiring**
Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard.

**Hardware**
Tamper-resistant, stainless steel hardware. Knuckle vertical aiming screw is additionally black oxide treated for additional corrosion resistance.

**Finish**
StarGuard®, our exclusive RoHs compliant, 15 stage chemistry-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating. Brass components are available in powder coat or handcrafted metal finish. Stainless steel components are available in handcrafted metal finish. (Brushed finish for interior use only).

**Warranty**
5 year limited warranty.

**Certification and Listing**
UL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ ANSI Standards. RoHs compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. Suitable for installation within 4' of the ground. IP66 Rated. Made in USA.

RoHS

*Teflon is a registered trademark of DuPont Corporation.

B-K LIGHTING

40429 Brickyard Drive • Madera, CA 93636 • USA
559.438.5800 • FAX 559.438.5900
www.bkLighting.com • info@bkLighting.com

RELEASED 12-20-16 | DRAWING NUMBER SUB-2125-00

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## LINEA S 900 Specification

The slender profile of LINEA complements contemporary architecture with well proportioned styling and a modern form. The fabricated aluminum bollard is available as a single or twin mount luminaire in three different heights to meet varying scale requirements. The fully shielded luminaire emits zero uplight and is Dark Sky compliant. Concealed mounting minimizes the footprint. All hardware is stainless steel. Standard colors; matte silver grey metallic, dark grey, or graphite grey. Special colors available.

| Model | Lamp | Color Temperature | Volt | Mounting | Finish | Option |
|---|---|---|---|---|---|---|
| LN900S | LED | WW -3000K | UNV - 120-277V | A - Single Mount | DG - Dark Grey | DIM - 0-10VDC Dimming |
| | | NW - 4000K | | B - Twin Mount | GG - Graphite Grey | N - None |
| | | | | | SG - Silver Grey | |
| | | | | | CC - Custom Color | |

**Ordering Information**
LN900S LED UNV

Specifications are subject to change without notification
HessAmerica › Products › Lighting Products › Illuminating Bollard › LINEA S
http://www.hessamerica.com/Products/Lighting/Illuminating_Bollard/LINEA_S/



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## LINEA S 900 Specification

HOUSING
Single piece bollard consisting of luminaire head and shaft is fabricated from 6061 aluminum extrusion showing no visible welds. Nominal wall thickness is 0.125" with rectangular cross-section of 6" x 2". LED light engine and driver are housed within a self contained power pack installed in the bollard head and is removable with a single tamper-proof fastener. The LED light engine is thermally managed using convection and heat transfer through the use of an aluminum heat sink and the luminaire housing. The lens is clear, impact resistant acrylic. Bollard is available in single or twin mount configurations. All hardware is stainless steel.

OPTICS
LED light engine consists of three high output, multi-chip LED arrays fitted with prismatic lens optics to produce a uniform asymmetric light distribution pattern suitable for pathways and sidewalks. Luminaire emits zero uplight at or above 90 degrees horizontal and qualifies for use in LEED zones LZ1, LZ2, LZ3, and LZ4. Color temperature may be 3000K or 4000K with CRI greater than 80.

ELECTRICAL
Integral LED driver is housed in luminaire head and consumes 11 watts at 350 mA. Input voltage range is 120v - 277v AC, 50-60 Hz. High power factor LED driver shall be UL recognized.

LED DELIVERED LUMENS / BUG RATING
3000K - 479 delivered lumens / B0-U0-G1
4000K - 514 delivered lumens / B0-U0-G1

NOTE: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of HessAmerica. Consult factory for more current technical data.

MOUNTING
Flangeless bollard shaft slips over an integral tenon on the installation plate and is secured with stainless steel tamper-proof hardware to provide a stable mounting platform for the luminaire. Hardware for the installation plate includes hex nuts and washers for leveling and fastening, as well as three 1/2" hot-dip galvanized anchor bolts for embedment into a concrete foundation provided by others.

FINISH
Standard finishes are finely textured dark grey, graphite grey, or matte silver gray metallic. Special colors available on request.

CERTIFICATION
CSA/US Certified for Wet Locations

WARRANTY
Limited product warranty period including LEDs is five years. Driver shall carry the manufacturer's limited warranty.

Specifications are subject to change without notification
HessAmerica › Products › Lighting Products › Illuminating Bollard › LINEA S
http://www.hessamerica.com/Products/Lighting/Illuminating_Bollard/LINEA_S/



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STIPULATION SET
RETAIN FOR RECORDS
APPROVED
9-21-17
DATE INITIALS

| PROJECT NO. 20160107.00 | REVISION NO. 000 | DATE 07/10/2017 | EXTERIOR LIGHTING CUT SHEETS |
|---|---|---|---|
| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | EXTERIOR LIGHTING CUT SHEETS |

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ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

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24-DR-2017
7/20/17

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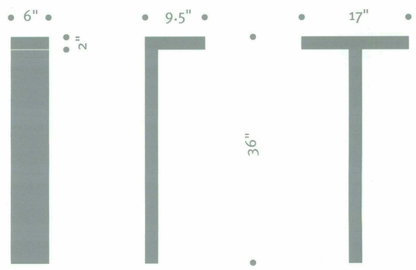
## Additional information

Dimensions




*Specifications are subject to change without notification*

HessAmerica › Products › Lighting Products › Illuminating Bollard › LINEA S
http://www.hessamerica.com/Products/Lighting/Illuminating_Bollard/LINEA_S/



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MODERN FORMS
A WAC LIGHTING COMPANY

## HILINE – model: WS-W23

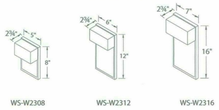
LED Outdoor Sconce Luminiare

Fixture Type:

Catalog Number:

Project:

Location:




WS-W2308 WS-W2312 WS-W2316

**PRODUCT DESCRIPTION**

The Hiline luminaire features a sealed LED housing and clean, versatile Dark Sky and ADA design. This functional design is ideal for showing off multi tiered decks, stone patios or illuminating entry ways in luxury hotels and condos.

**FEATURES**

- ADA compliant, low profile design
- Wet location listed
- Dark Sky friendly
- Aluminum construction with etched glass light shield
- Dimming with electronic low voltage (ELV) dimmer
- Replaceable LED module
- No transformer or driver required
- 277V option available for WS-W2308 and WS-W2316 special order
- 50,000 hour rated life
- Color Temp: 3000K
- CRI: 85

**SPECIFICATIONS**

**Construction:** Aluminum with etched glass light shield.

**Power:** Line Voltage, 120V input direct wire.

**Light Source:** High output LED.

**Dimming:** Dims to 10% with an electronic low voltage (ELV) dimmer.

**Mounting:** Mounts directly to junction box.

**Finish:** Black (BK), Bronze (BZ), Graphite (GH), White (WT).

**Standards:** ETL & cETL listed. ADA compliant. Dark Sky friendly.

**Installation:** Requires Transformer to be recessed within the junction box.

| Model | Height | Watt | Voltage | LED Lumens | Delivered Lumens |
|---|---|---|---|---|---|
| **WS-W2308** | 8" | 8W | 120V | 280 | 245 |
| **WS-W2312** | 12" | | | | |
| **WS-W2316** | 16" | | | | |

Finish: BK Black, BZ Bronze, GH Graphite, WT White

**REPLACEMENT GLASS**

| Model | Fixture |
|---|---|
| **RPL-GLA-2308** | *WS-W2308* |
| **RPL-GLA-2312** | *WS-W2312* |

**WS-W23** [ ] – [ ]

Example: **WS-W2312-GH**
For 277V special order, add an "F" before the finish: **WS-W2312F-GH**

**modernforms.com**
Phone (800) 526.2588
Fax (800) 526.2585

**Headquarters/Eastern Distribution Center**
44 Harbor Park Drive
Port Washington, NY 11050

**Central Distribution Center**
1600 Distribution Ct
Lithia Springs, GA 30122

**Western Distribution Center**
1750 Archibald Avenue
Ontario, CA 91760

*WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. AUG 2015*

CM KLING + ASSOCIATES INC



ArtiStar™ Integral Driver

## FLOODLIGHT

PROJECT:

TYPE:

CATALOG NUMBER:

SOURCE:

NOTES:

**CATALOG NUMBER LOGIC**

| | | AR | LED | TR | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Example** | B | AR | LED | TR | x52 | SP | MIT | 12 | 11 | A | 8 | D10 | 120 | WM |

**Material**
Blank – Aluminum B – Brass S – Stainless Steel

**Series**
AR – ArtiStar™

**Source**
LED – "X" Module with Chip on Board technology

**Housing**
TR – Integral Driver

**LED Type**
x52 – 10WLED/2.7K x53 – 10WLED/3K x54 – 10WLED/4K

**Optics**
SP – Spot (20°) MFL – Medium Flood (40°) WFL – Wide Flood (60°)

**Finish**

**Aluminum Finish**

| Powder Coat Color | Satin | Wrinkle |
|---|---|---|
| Bronze | BZP | BZW |
| Black | BLP | BLW |
| White (Gloss) | WHP | WHW |
| Aluminum | SAP | — |
| Verde | — | VER |

**Brass Finish**

| | |
|---|---|
| Machined | MAC |
| Polished | POL |
| Milsque™ | MIT |

**Stainless Finish**

| | |
|---|---|
| Machined | MAC |
| Polished | POL |
| Brushed | BRU (interior use only) |

**Premium Finish**

| | | | |
|---|---|---|---|
| ABP Antique Brass Powder | CMG Cascade Mountain Granite | RMG Rocky Mountain Granite | |
| AMG Alcatian Mountain Granite | CRI Cracked Ice | SDS Sonoran Desert Sandstone | |
| AQW Antique White | CRM Cream | SMG Sierra Mountain Granite | |
| BCM Black Chrome | HUG Hunter Green | TXF Textured Forest | |
| BGE Beige | MDS Mojave Desert Sandstone | WCP Weathered Copper | |
| BPP Brown Patina Powder | NBP Natural Brass Powder | WBI Weathered Iron | |
| CAP Clear Anodized Powder | OCP Old Copper | *Also available in RAL Finishes See submittal SUB-1439-00* | |

**Lens Type**
12 – Soft Focus Lens 13 – Rectilinear Lens

**Shielding**
11 – Honeycomb Baffle

**Cap Style**
A – 45° B – 90° C – Flush D – 45° less Weep Hole *(Interior Use Only)* E – 90° less Weep Hole *(Interior Use Only)* F – 90° Cutoff with Flush Lens

**Base Height**
8 – 8" with Anchor Base 14 – 14" with Anchor Base 20 – 20" with Anchor Base 26 – 26" with Anchor Base

**Driver Type**
D10INC – 10W Dimming Driver *(For use with Incandescent Dimmer)* 120V Only**

**Input Voltage**
120 – 120 VAC Input
277 – 277 VAC Input

**Option**
PP – Power Pipe™ option with 18" Stake SF – Stability Flange *(for use with Power Pipe™)* WM – Wall or ceiling Mount with 5" dia. canopy**
*** Base height limited to 6" max. with brass and stainless steel fixtures*

**LM79 DATA**

| BK No. | LUMENS (Source) | CCT (Typ.) | CRI (Ra. Typ.) | Input Watts (Typ.) |
|---|---|---|---|---|
| x52 | 1180 | 2700K | 80 | 10 |
| x53 | 1230 | 3000K | 80 | 10 |
| x54 | 1280 | 4000K | 80 | 10 |

**L70 DATA**

| Minimum Rated Life (hrs.) 70% of initial lumens ($L_{70}$) |
|---|
| 50,000 |
| 50,000 |
| 50,000 |

**OPTICAL DATA**

| Beam Type | Angle | CBCP |
|---|---|---|
| Spot | 20° | 2680 |
| Flood | 40° | 1744 |
| Wide Flood | 60° | 640 |

**B-K LIGHTING**

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559.438.5800 • FAX 559.438.5900
www.bklighting.com • info@bklighting.com

RELEASED 12-20-16 DRAWING NUMBER SUB-2125-00

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CM KLING + ASSOCIATES INC



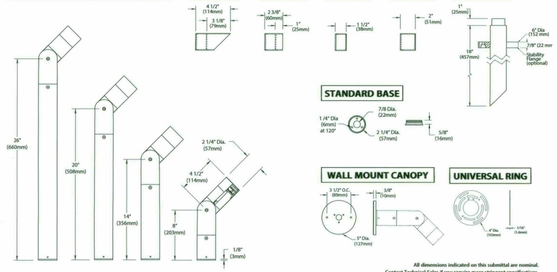
ArtiStar™ Integral Driver

## FLOODLIGHT

PROJECT:

TYPE:

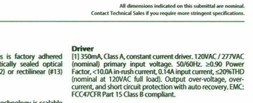
ANCHOR BASE STANDARD MOUNT | "A/D" CAP | "B/E" CAP | "C" CAP | "F" CAP | POWER PIPE




STANDARD BASE




WALL MOUNT CANOPY | UNIVERSAL RING




All dimensions indicated on this submittal are nominal.
Contact Technical Sales if you require more stringent specifications.

**SPECIFICATIONS**

**GreenSource Initiative™**
Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFCs). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

**Materials**
Furnished in Copper-Free Aluminum (Type 6061-T6), Brass (Type 360) or Stainless Steel (Type 304).

**Body**
Fully machined from solid billet. Unibody design provides enclosed, water-proof wireway and integral heat sink for maximum component life. Integral knuckle for maximum mechanical strength. High temperature, silicone "O" Ring provides water-tight seal.

**Knuckle**
"Aim and Lock" knuckle is comprised of two components. The first is integral to the body and features an interior, machined taper. The second is machined from solid billet and features a second, reverse angle taper. The resultant mechanical taper-lock allows a full 180° vertical adjustment without the use of serrated teeth, which inherently limit aiming. High temperature, silicone "O" Ring provides water-tight seal and compressive resistance to maintain fixture position. Design withstands 73 lb. static load prior to movement to ensure decades of optical alignment. Biaxial source control with 360° horizontal rotation in addition to vertical adjustment.

**Cap**
Fully machined. Accommodates [1] lens or louver media. Choose from 45° cutoff ('A' or 'D'), 1° deep bezel with 90° cutoff ('B' or 'E'), flush lens ('C'), or 1° deep cutoff with flush mounted lens ('F') cap styles. 'A' and 'B' caps include weep-hole for water and debris drainage. 'D' and 'E' caps exclude weep-hole and are for interior use only.

**Lens**
Shock resistant, tempered, glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment. Specify soft focus (#12) or rectilinear (#13) lens.

**BKSSL®**
Integrated solid state system with 'X' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance. Minimum 50,000 hour rated life at 70% of initial lumens (L70). BKSSL technology provides long life, significant energy reduction and exceptional thermal management.

**Color Management**
Chip on board technology delivers natural white light. Exact color point conformity exceeds ANSI C78.377 standard. Module exceeds 80 CRI (RA>80, R9,16). Color point uniformity 2 SDCM color control for 2700K-4000K CCT.

**Installation**
Available for installation in three distinct mounting conditions:

**Anchor Base** (Standard)
Machined anchor base with 7/8" dia. slip conduit hole and [3] 3/16" dia. anchor bolt holes (hardware by others).

**Power Pipe™** (Optional)
Provides a clean transition from wiring system to fixture. Schedule 80, 18" PVC housing for direct burial into soil or concrete. Machined 2-1/4" dia. cap for fixture mounting. Stainless steel hardware. Optional 6" diameter, molded stability flange, which simplifies installation and projects into substrate to reinforce housing stability.

**Wall Mount Canopy** (Optional)
Optional 5" dia. machined canopy permits mounting to junction box (gasket by others). 8" maximum base height for canopy-mounted brass or stainless steel fixture.

**Driver**
[1] 350mA, Class A, constant current driver, 120VAC / 277VAC (nominal) primary input voltage. 50/60Hz. ±0.90 Power Factor, <10.0A in-rush current, 0.14A input current, <20%THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. EMC: FCC47CFR Part 15 Class B compliant.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

**Optics**
Interchangeable OPTIKIT™ modules permit field changes to optical distribution.

**Wiring**
Teflon®-coated, 18AWG, 600V, 250°C rated and certified to UL 1659 standard.

**Hardware**
Tamper-resistant, stainless steel hardware. Knuckle vertical aiming screw is additionally black oxide treated for additional corrosion resistance.

**Finish**
StarGuard®, our exclusive RoHs compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating. Brass components are available in powder coat or handcrafted metal finish. Stainless steel components are available in handcrafted metal finish. (Brushed finish for interior use only).

**Warranty**
5 year limited warranty.

**Certification and Listing**
UL tested to ES/NA LM-79. UL Listed. Certified to CAN/CSA/ ANSI Standards. RoHs compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. Suitable for installation within 4" of the ground. IP66 Rated. Made in USA.

**Teflon is a registered trademark of DuPont Corporation.*

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DATE INITIALS

PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017

EXTERIOR LIGHTING CUT SHEETS

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ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

COOPER CARRY

24-DR-2017
7/20/17

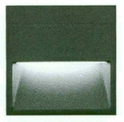
TARGETTI

# ZEDGE

## Professional LED Small Step Light

**Concept:** Minimalistic steplight design to let the architecture speak and the fixture disappear. The relationship between the vertical face and angled illuminated surfaces define a discrete product that creates a strong architectural statement.
**Housing:** Small 2.5" x 2.5" faceplate available in 3 emission options (Floor Washer, Louvre, or Bi-Emission Floor Washer + Halo) available in 13 standard finishes.
**Materials:** Die-cast anodised aluminium body fitted with a spring fixing system. Powder coated die-cast anodized aluminum external frame.
**Optics:** It is available as three frames for three distinct lighting effects.
***Floor Washer:*** A steplight with uniform optical distribution on the floor and excellent visual comfort.
***Louver:*** High visual comfort with the source entirely hidden from view producing defined light on the floor from two precise louver windows.
***Bi-Emission:*** The floor washer optics combined with an indirect glow where the halo effect becomes a uniformly illuminated marker light with an opal diffuser.
**Mounting:** To be completed with stainless steel mounting/wiring back box with multiple attachment and wire conduit options to meet specific installation needs. Custom designed spring mounting system. Recommended mounting height is +18" A.F.F. on 48" center spacing to meet egress requirements of 1fc minumum.
**Installation:** Pre-cabled with 10' Belden 18ga 2 conductor direct burial cable.
**Power Supply:** Remote Class II 120V-277VAC to 24VDC power supply, up to 15 fixtures on one Class II 96W Power Supply circuit. Phase or 0-10v dimming options also available, see page 2 for LED driver options.
**Wattage:** 5.4W
**Color Temperature:** 3000K and 4000K standard
**CRI:** 84
**Lumen Maintenance (L70):** 50,000hrs
*Calculation for LED fixtures are based on measurements that comply with with IES LM-80.*
**Voltage:** 24VDC
**IP Rating:** IP66
**Certifications:** UL Listed class 2 wet location
Low voltage landscape lighting
Tested in accordance with LM-79-08
**Warranty:** 5 year limited warranty
Designed in collaboration with Gensler as Product Design Consultant

Plaster White, Deep Black, Heritage Brown, Brick, Saphire, Olive, Copper, Gold, Pink Gold, Silver, Bone, Rose
***Finishes listed from left to right, top to bottom.***



Floor Washer Faceplate Shown in Ferrite Grey

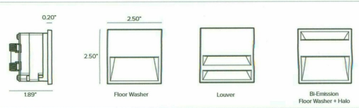
Louver

Bi-Emission
Floor Washer + Halo

| Lumens: | 3000K | 4000K |
|---|---|---|
| Floor Washer = | 47Lm | 49Lm |
| Louver = | 40Lm | 42Lm |
| Floor Washer + Halo = | 33Lm | 35Lm |

| PRODUCT CODE | FACEPLATE | TRIM FINISH | WATTAGE | COLOR TEMP | CRI | VOLTAGE | + | POWER SUPPLY |
|---|---|---|---|---|---|---|---|---|
| ZES – ZEDGE Small Step Light | FW – Floor Washer<br>LV – Louver<br>BE – Bi-Emission Floor Washer + Halo | FE – Ferrite Grey<br>BK – Deep Black<br>WH – Plaster White<br>HB – Heritage Brown<br>SI – Silver<br>CO – Copper<br>GO – Gold<br>PG – Pink Gold<br>BO – Bone<br>BR – Brick<br>OL – Olive<br>RO – Rose<br>SA – Saphire | L1 – 5.4W | 30 – 3000K<br>40 – 4000K | 84 – 84 CRI | 24 – 24VDC | | |

## Views








TARGETTI

ZEDGE

| INSTALLATION (REQUIRED) | |
|---|---|
| 1E3166 | Back box with stainless steel outer casing fitted for parallel connection with feed through-wiring. **(REQUIRED)** |

1E3166

## Power Supplies **(REQUIRED)**

| Power Supplies | Type | Max Fixtures Per Driver | Wattage | Voltage | Dimmability | Listing | Dimensions |
|---|---|---|---|---|---|---|---|
| **DEL-X-120-1-4-24** | Electronic Power Supply in NEMA3R Enclosure | 15 | 96W / 1X4A** | 90-305V AC / 24V DC | Non-Dimmable | cULus | 12"W X 12"L 4"D* |
| **DEL-X-240-2-4-24** | | 30 *two rows of 15ea* | 192W / 2X4A** | | | | 12"W X 12"L 4"D* |
| **DEL-X-320-3-4-24** | | 45 *three rows of 15ea* | 288W / 3x4A** | | | | 12"W X 12"L 4"D* |
| **DEL-LPF-25-24'** | Electronic Stand-alone IP67 *(Listed Enclosure Provided by Others)* | 4 | 25W / 1x1A** | | | UR Class II | 2.67"W X 9.66"L 1.53"D |
| **DEL-120-1-4-24'** | Electronic Stand-alone *(Listed Enclosure Provided by Others)* | 15 | 96W / 1X4A** | | | | |
| **DEL-X-120-1-4-24-D** | Electronic Power Supply in NEMA3R Enclosure | 15 | 96W / 1X4A** | | Integral 0-10V Dimming Interface | cULus | 12"W X 12"L 4"D* |
| **DEL-X-240-2-4-24-D** | | 30 *two rows of 15ea* | 192W / 2X4A** | | | | 12"W X 12"L 4"D* |
| **DEL-X-320-3-4-24-D** | | 45 *three rows of 15ea* | 288W / 3x4A** | | | | 12"W X 12"L 4"D* |

**Installation of transformer must be compliant to Class II installation standards. Refer to NEC and local building code requirements.
* Dimensions include enclosure with mounting bracket.
** 4A maximum current protection for each secondary circuit.
*** Constant voltage drivers 50/60HZ, voltage regulated with short circuit protection. Operating temperature -40 C- 80° C.

**Electronic Drivers**
For use with or without 0-10V interface (DLD-1-10) for secondary side dimming control. Generally used for programmable dimming levels for changing scenarios.

**Electronic Stand-alone Driver**

**Enclosure with Electronic Driver**





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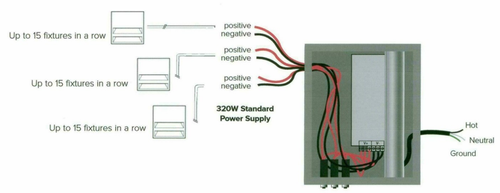
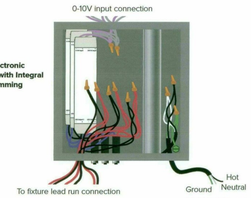
System Layout Example Diagram





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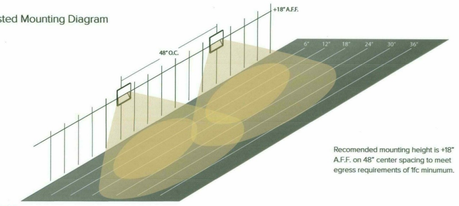
ZEDGE

Suggested Mounting Diagram

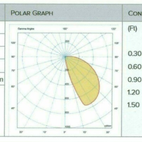



Recomended mounting height is +18" A.F.F. on 48" center spacing to meet egress requirements of 1fc minumum.

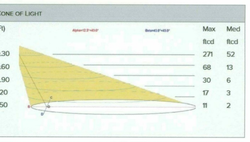
Photometry

| FLOOR WASHER – WHITE FINISH | | |
|---|---|---|
| Fixture Power | 5.4W | 5.4W |
| Fixture Output | 41Lm | 42Lm |
| Kelvin Temp | 3000°K | 4000°K |
| Beam Spread | Floor Washer | |
| IMax | 747.97cd/klm | 747.89cd/klm |
| Efficacy | 7.60 Lm/W | 7.78 Lm/W |

POLAR GRAPH

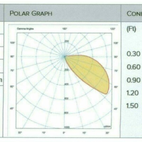


CONE OF LIGHT

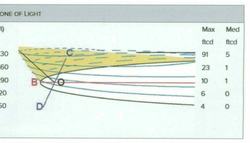



| LOUVER – WHITE FINISH | | |
|---|---|---|
| Fixture Power | 5.4W | 5.4W |
| Fixture Output | 33Lm | 35Lm |
| Kelvin Temp | 3000°K | 4000°K |
| Beam Spread | Louvre | |
| IMax | 783.11cd/klm | 783.21cd/klm |
| Efficacy | 6.11 Lm/W | 6.49 Lm/W |

POLAR GRAPH

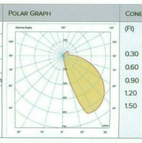


CONE OF LIGHT

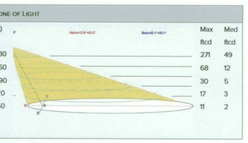



| BE FLOOR WASHER + HALO – WHITE FINISH | | |
|---|---|---|
| Fixture Power | 5.4W | 5.4W |
| Fixture Output | 47Lm | 49Lm |
| Kelvin Temp | 3000°K | 4000°K |
| Beam Spread | Floor Washer + Halo | |
| IMax | 660.89cd/klm | 660.78cd/klm |
| Efficacy | 8.70 Lm/W | 9.07 Lm/W |

POLAR GRAPH



CONE OF LIGHT



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STIPULATION SET
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APPROVED
9-21-17
DATE
INITIALS

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | EXTERIOR LIGHTING CUT SHEETS |
|---|---|---|---|

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24-DR-2017
7/20/17

## Specification Sheet

lumenfacade™
WHITE & STATIC COLORS

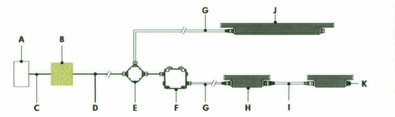
### TYPICAL WIRING DIAGRAMS - continued

#### Wiring Color Code

| American Color Code | CE Color Code | USE |
|---|---|---|
| Green | Yellow/Green | Ground |
| Black | Brown | Line 100-277V |
| White | Blue | Neutral |
| Red/Purple | Black | 0-10V / Data + |
| Orange | Grey | 0-10V / Data - |

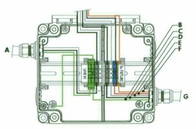
#### Lumentalk (LT)

1% minimum dimming value



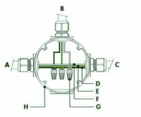

**A -** Third party dimmer/controller
**B -** Lumentranslator (LT-010_DMX, TRIAC, DALI)
**C -** Data wiring (by others)
**D -** Power line (120-277V AC)
**E -** Junction box (by others)
**F -** Lumentalk Data Bridge (LDB-DIM or LDB-DMX)
**G -** Leader cable (LOG-LC)
**H -** Lumenfacade 1' (0.3m) (LOG-DIM or LOG- DMX/RDM)
**I -** Jumper cable (LOG-JC)
**J -** Lumenfacade (LOG-LT)
(2", 3", or 4" fixture lengths) (0.6, 0.9 or 1.2m)
**K -** Sealing end cap

**Wiring detail using LDB-DIM or LDB-DMX (for 1' fixtures [0.3 m])**




**A -** Power input (control over power line via lumentalk system)
**B -** Ground
**C -** Line
**D -** Neutral
**E -** 0-10V + / Data +
**F -** 0-10V - / Data -
**G -** To fixture

**Lumentalk (LT) - Wiring detail (for 2, 3 or 4' fixture lengths [0.6, 0.9 or 1.2m)**




**A -** Power input (control over power line via lumentalk system)
**B -** To fixture
**C -** To lumentalk Data Bridge (for run lengths with 1' fixtures [0.3m])
**D -** Line
**E -** Ground
**F -** Neutral
**G -** Wire-nuts (by others)
**H -** Junction box (by others)

**Notes:**
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for 1' [0.3m] fixture lengths.
  For applications with all fixtures controlled as 1 zone: fixtures and Lumentalk Data Bridge must be specified as DIM. Maximum of 10 fixtures per LDB-DIM, consult factory for applications that require additional capabilities.For application with fixtures controlled individually: fixtures and Lumentalk Data Bridge must be specified as DMX, 2-step commissioning process: 1 - DMX/RDM system using lumenID software and a UID, 2 - lumentalk system using lumentalkID software and a IDnT. Maximum of 32 fixtures per LDB-DMX. Consult factory for details.
- For DMX applications: 1 DMX controller per lumentalk network, maximum of 48 DMX channels per lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for applications that require additional capabilities.
- Maximum of 1 transmitter (lumentranslator or lumenlink) per system
- No third party fixtures allowed on the same circuit.
- Consult factory for DALI lumentalk applications.
- ASHRAE version: 5 watts per foot [0.3m], Regular Output version: 8.5 watts per foot [0.3m], High Output version: 15.25 watts per foot [0.3m].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## Specification Sheet

lumenfacade™
WHITE & STATIC COLORS

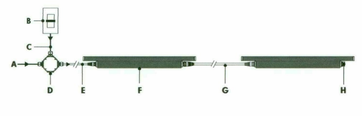
### TYPICAL WIRING DIAGRAMS - continued

#### Wiring Color Code

| American Color Code | CE Color Code | USE |
|---|---|---|
| Green | Yellow/Green | Ground |
| Black | Brown | Line 100-277V |
| White | Blue | Neutral |
| Red/Purple | Black | 0-10V / Data + |
| Orange | Grey | 0-10V / Data - |

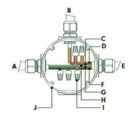
#### 0-10V Dimming (DIM)

10% minimum dimming value




**A -** Power input (100-277V)
**B -** Third party dimmer
**C -** Data wiring (by others)
**D -** Junction box (by others)
**E -** Leader cable (LOG-LC)
**F -** Lumenfacade (LOG-DIM)
**G -** Jumper cable (LOG-JC)
**H -** Sealing end cap

**0-10V Dimming (DIM) - Wiring detail**




**A -** Power input
**B -** From third party dimmer
**C -** 0-10V +
**D -** 0-10V -
**E -** To fixture
**F -** Line
**G -** Ground
**H -** Neutral
**I -** Wire-nuts (by others)
**J -** Junction box (by others)

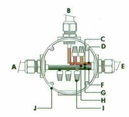
**Notes:**
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 0-10V mA ratings: passive dimmer (Current Sink): 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- ASHRAE version: 5 watts per foot [0.3m], Regular Output version: 8.5 watts per foot [0.3m], High Output version: 15.25 watts per foot [0.3m].

#### DALI Dimming (DALI)

1% dimming value

**A -** Power input (100-277V)
**B -** Third party DALI controller
**C -** Data wiring (by others)
**D -** Junction box (by others)
**E -** Leader cable (LOG-LC)
**F -** Lumenfacade (LOG-DALI)
**G -** Jumper cable (LOG-JC)
**H -** Sealing end cap

**DALI Dimming (DALI) - Wiring detail**




**A -** Power input
**B -** From DALI controller
**C -** Data +
**D -** Data -
**E -** To fixture
**F -** Line
**G -** Ground
**H -** Neutral
**I -** Wire-nuts (by others)
**J -** Junction box (by others)

**Notes:**
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- ASHRAE version: 5 watts per foot [0.3m], Regular Output version: 8.5 watts per foot [0.3m], High Output version: 15.25 watts per foot [0.3m].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## Specification Sheet

lumenfacade™
WHITE & STATIC COLORS

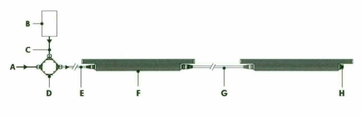
### TYPICAL WIRING DIAGRAMS - continued

#### Wiring Color Code

| American Color Code | CE Color Code | USE |
|---|---|---|
| Green | Yellow/Green | Ground |
| Black | Brown | Line 100-277V |
| White | Blue | Neutral |
| Red/Purple | Black | 0-10V / Data + |
| Orange | Grey | 0-10V / Data - |

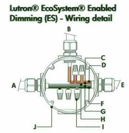
#### Lutron® EcoSystem® Enabled Dimming (ES)

1% minimum dimming value




**A -** Power input (100-277V)
**B -** Lutron® EcoSystem® controller
**C -** Data wiring (by others)
**D -** Junction box (by others)
**E -** Leader cable (LOG-LC)
**F -** Lumenfacade (LOG-ES) (2, 3,or 4ft fixture lengths) (0.6, 0.9,1or 1.2m)
**G -** Jumper cable (LOG-JC)
**H -** Sealing end cap

**Lutron® EcoSystem® Enabled Dimming (ES) - Wiring detail**




**A -** Power input
**B -** From Lutron® EcoSystem® controller
**C -** Data +
**D -** Data -
**E -** To fixture
**F -** Line
**G -** Ground
**H -** Neutral
**I -** Wire-nuts (by others)
**J -** Junction box (by others)

**Notes:**
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Each Lutron® EcoSystem® enabled fixture has its own address; for the example shown, there are a total of 2 EcoSystem® addresses.
- ASHRAE version: 5 watts per foot [0.3m], Regular Output version: 8.5 watts per foot [0.3m], High Output version: 15.25 watts per foot [0.3m].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## Specification Sheet

lumenfacade™
WHITE & STATIC COLORS

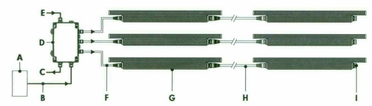
### TYPICAL WIRING DIAGRAMS - continued

| American Color Code | CE Color Code | USE |
|---|---|---|
| Green | Yellow/Green | Ground |
| Black | Brown | Line 100-277V |
| White | Blue | Neutral |
| Red/Purple | Black | 0-10V / Data + |
| Orange | Grey | 0-10V / Data - |

| Maximum run length by 15A circuit - Lumenfacade™ HO 15.25W/ft [0.3m] | | | |
|---|---|---|---|
| Cable length/Voltage | 120V | 240V | 277V |
| 50ft [15m] leader cable | 68ft [21m] | 76ft [23m] | 84ft [26m] |
| **Maximum run length by 15A circuit - Lumenfacade™ RO 8.5W/ft [0.3m]** | | | |
| 50ft [15m] leader cable | 120ft [37m] | 128ft [39m] | 128ft [39m] |
| **Maximum run length by 15A circuit - Lumenfacade™ ASHRAE 5W/ft [0.3m]** | | | |
| 50ft [15m] leader cable | 128ft [39m] | 128ft [39m] | 128ft [39m] |

#### Star Layout (DMX/RDM)

1% minimum dimming value




**A -** Third party DMX/RDM controller
**B -** Data input (Belden 9841 or equivalent, by others)
**C -** Data output to next CSX (optional, not isolated/not boosted)
**D -** CSX-ST
**E -** Power input (100-277V)
**F -** leader cable (LOG-LC)
**G -** Lumenfacade (LOG-DMX/RDM)
**H -** Jumper cable (LOG-JC)
**I -** Sealing end cap

#### Daisy Chain Layout (DMX/RDM)

1% minimum dimming value

**A -** Third party DMX/RDM controller
**B -** Data input (Belden 9841 or equivalent, by others)
**C -** Data output to next CSX (optional, not isolated/not boosted)
**D -** CSX-DS
**E -** Power input (100-277V)
**F -** leader cable (LOG-LC)
**G -** Lumenfacade (LOG-DMX/RDM)
**H -** Jumper cable (LOG-JC)
**I -** Sealing end cap

**Notes:**
- Consult factory for specific applications and maximum fixture count/cable length recommendations. Maximum run length calculations are typically based on 4' [1.2m] fixtures.
- Maximum of 32 DMX/RDM enabled fixtures per CSX output.
- Maximum of 4 DMX/RDM repeaters/CSX cascading in line.
- Maximum of 6 outputs per CSX-ST, maximum of 1 output per CSX-DS
- Each fixture requires 1 DMX address.
- ASHRAE version: 5 watts per foot [0.3m], Regular Output version: 8.5 watts per foot [0.3m], High Output version: 15.25 watts per foot [0.3m].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EXTERIOR LIGHTING CUT SHEETS

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## Specification Sheet

lumenfacade™
WHITE & STATIC COLORS

**ACCESSORIES**
Order separately

### Control Systems:

**LTO2** Lumentouch is a wall mount DMX 512 controller keypad.

**LCU** Lumencue is a USB / mini SD DMX 512 controller.

**LID** LumenID is a diagnostic and addressing DMX 512 controller.
It must be specified for all DMX applications.
Refer to LID specification sheet for details.

**LID-LT** LumentalkID is a diagnostic and addressing controller.
It must be specified for all Lumentalk (LT) applications.
Refer to LID-LT specification sheet for details.

**LTN** Lumentone is a simple pre-programmed DMX 512 controller with a push button rotary dial and live feedback.

### Control Boxes:

**CBX** DMX/RDM control box.
Up to six power and data outputs to fixtures or fixture runs.
Ethernet enabled option.
Refer to CBX specification sheet for details.

**LDB** Lumentalk Data Bridge, 0-10V or DMX output.
Refer to LDB specification sheet for details.


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## Specification Sheet

lumenfacade™
WHITE & STATIC COLORS

**ACCESSORIES -** continued
Order separately

### Leader and Jumpers Cables for Standard Construction :

**LOGLC-__-STD-__-__** Leader Cable for Lumenfacade.
Please specify certification (UL or CE), cable length (10', 25', 50',100', 150' or 200' [3m, 7.6m,15.2m, 30m, 45m or 61m] standard) and cable color (BK-Black or WH-White, connectors are black as standard).
Suitable for dimming/data and non-dimming applications.
Sealing endcap is mandatory for any unused connector. (1) included with every leader cable.
Consult Lumenfacade leader cable specification sheet for details.

**LOGJC-__-STD-__-__** Jumper Cable for Lumenfacade.
Please specify certification (UL or CE), cable length (1', 2', 3', 4', 5' or 50' [0.3m, 0.6m, 0.9m, 1.2m, 1.5m or 15m] standard) and cable color (BK-Black or WH-White, connectors are black as standard).
Lengths between 5' and 30' [1.5m and 10m] are also available, please specify desired length in 1' [0.3m] increments.
Suitable for dimming/data and non-dimming applications.
Consult Lumenfacade jumper cable specification sheet for details.

### Leader and Jumpers Cables for End-to-End (ETE) Option :

**LOGLC-__-ETE-__-__** Leader Cable for Lumenfacade, ETE option.
Please specify certification (UL or CE), cable length (10', 25', 50',100', 150' or 200' [3m, 7.6m,15.2m, 30m, 45m or 61m] standard) and cable color (BK-Black or WH-White, connectors and fixture input cables are black as standard).
Suitable for dimming/data and non-dimming applications.
Sealing endcap is mandatory for any unused connector. (1) included with every leader cable.
Consult Lumenfacade leader cable specification sheet for details.

**LOGJC-__-ETE-__-__** Jumper Cable for Lumenfacade, ETE option.
Please specify certification (UL or CE), cable length (1', 2', 3', 4', 5' or 50' [0.3m, 0.6m, 0.9m, 1.2m, 1.5m or 15m] standard) and cable color (BK-Black or WH-White, connectors and fixture input cables are black as standard).
Lengths between 5' and 30' [1.5m and 10m] are also available, please specify desired length in 1' [0.3m] increments.
Suitable for dimming/data and non-dimming applications.
Consult Lumenfacade jumper cable specification sheet for details.

### Radial Louver :

Not suitable for asymmetric wallwash optic

**LOGRD___-__** Radial louver for Lumenfacade.
Louver blade depth: 7/16" [11mm]; louver blade spacing: 1" [25mm]
Please specify nominal length (1', 2', 3' or 4' [0.3m, 0.6m, 0.9m or 1.2m]) and finish (BK-Black Sandtex, BRZ-Bronze Sandtex, SI-Silver Sandtex, or WH-Smooth white. Custom color available on request, please specify as CC together with RAL color : _____).

The addition of a louver will affect beam distribution, consult factory for application support.


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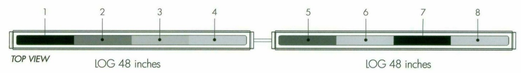
## Specification Sheet

lumenfacade™
WHITE & STATIC COLORS

**RESOLUTION DETAILS**
Applicable for DMX/RDM control option only.
Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

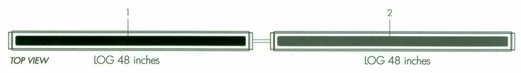
Resolution per foot: each foot is addressed independently

DMX ADDRESSES:




Resolution per fixture: each fixture is addressed independently

DMX ADDRESSES:





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## Specification Sheet

lumenfacade™
WHITE & STATIC COLORS

**TYPICAL WIRING DIAGRAMS**

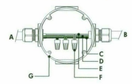
### Wiring Color Code

| American Color Code | CE Color Code | USE |
|---|---|---|
| Green | Yellow/Green | Ground |
| Black | Brown | Line 100-277V |
| White | Blue | Neutral |
| Red/Purple | Black | 0-10V / Data + |
| Orange | Grey | 0-10V / Data - |

### Non-Dimming (NO)

**A -** Power input (100-277V)
**B -** Junction box (by others)
**C -** Leader cable (EOC&C)
**D -** Lumenfacade (EOG-NC)
**E -** Jumper cable (EOC&C)
**F -** Sealing end cap

**Non-Dimming (NO) - Wiring detail**




**A -** Power input
**B -** To fixtures
**C -** Line
**D -** Ground
**E -** Neutral
**F -** Wire-nuts (by others)
**G -** Junction box (by others)

**Notes:**
• Consult factory for specific applications and maximum fixture count/cable length recommendations.
• ADHKNE version: 5 watts per foot [0.3m], Regular Output version: 8.5 watts per foot [0.3m], High Output version: 15.25 watts per foot [0.3m].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9.21.17
DATE INITIALS

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | EXTERIOR LIGHTING CUT SHEETS |
|---|---|---|---|

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ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

COOPER CARRY

24-DR-2017
7/20/17

ELEMENT AT SKYSONG — TYPE KX 6

## Specification Sheet

**lumenfacade™**
WHITE & STATIC COLORS

### HOW TO ORDER

| LOG Select: | Select: | Select: | Select: | Select: | Select: | Select: | Select: | Select: |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

**1**

**Housing:**
**LOG ASHRAE -** lumenfacade™, 5W/ft ASHRAE compliant[1]
**LOG RO -** lumenfacade™ Regular Output, 8.5W/ft
**LOG HO -** lumenfacade™ High Output, 15.25W/ft

**2**

**Voltage:**
**100 -** 100 volts
**120 -** 120 volts
**208 -** 208 volts
**220 -** 220 volts
**240 -** 240 volts
**277 -** 277 volts

**3**

**Length:**
**12 -** 13 3/8 inches (340mm) (2 kg/4.5 lbs)
**24 -** 25 3/8 inches (645mm) (3.17 kg/7 lbs)
**36 -** 37 3/8 inches (949mm) (4.75 kg/10.5 lbs)
**48 -** 49 3/8 inches (1254mm) (6.35 kg/14 lbs)

**4**

**Colors and Color temperatures:**
**22K -** 2200K
**27K -** 2700K
**30K -** 3000K
**35K -** 3500K
**40K -** 4000K
**RD -** Red
**GR -** Green
**BL -** Blue
Consult factory for availability of static Royal Blue, 6500K and 90+ CRI.

**5**

**Optics:**
**Asymmetric**
**WWLF -** Asymmetric Wallwash optic, left feed[2]
**WWRF -** Asymmetric Wallwash optic, right feed[2]
**Symmetric**
**8x8 -** 8° x 8°[3]
**10x10 -** 10° x 10°[3]
**30x30 -** 30° x 30°
**35x35 -** 35° x 35°
**60x60 -** 60° x 60°
**80x80 -** 80° x 80°
**90x90 -** 90° x 90°
**Bi-symmetric**
**10x30 -** 10° x 30°
**10x60 -** 10° x 60°
**10x90 -** 10° x 90°
**15x25 -** 15° x 25°
**30x60 -** 30° x 60°
**50x80 -** 50° x 80°

**6**

**Mounting Option:**
**SAM -** Slim Adjustable Mounting
**UMP -** Fixed Mounting[4]
**UMAS -** Universal Adjustable Mounting[4]
**WAM2 -** Adjustable Wall Mounting 2"
**WAM6 -** Adjustable Extended Arm Mounting 6"
**WAM12 -** Adjustable Extended Arm Mounting 12"
**WAM18 -** Adjustable Extended Arm Mounting 18"

**7**

**Finish:**
**BK -** Black Sandtex
**BRZ -** Bronze Sandtex
**SI -** Silver Sandtex
**WH -** Smooth white
**CC -** Custom color and finish (please specify RAL color)[5]

**8**

**Control:**
**NO -** No Dimming
**LT -** Lumenx3L Dimming[6]
**DIM -** 0-10V Dimming option[7]
**DALI -** DALI Dimming option[8]
**ES -** Lutron® EcoSystem® Enabled Dimming[9]
**DMX/RDM -** DMX/RDM enabled[10]

**9**

**Option:**
**ETE -** End - to - end configuration, 16" black input cable, no jumper cable needed
**CRC -** Corrosion-resistant coating for hostile environments
**3GV -** 3G ANSI C136.31 Vibration Rating[11]
**CE -** CE (certification covers European Economic Area)

**Notes:**
[1] Not available for 1' [0.3m] fixture lengths. [2] Right feeding side is standard unless otherwise specified. [3] For best results use with HO fixtures at a 6-inch (15cm) setback from surface. Contact factory for application support. [4] Suitable to use when **3GV** option is specified. [5] North American RAL colors specified with RAL number only are provided with a smooth/high-gloss finish. Please consult factory for other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary. [6] **lumenx3L** system is enabled with LDB accessory for 1' [0.3m] fixture lengths, see Typical Wiring Diagrams and Notes for details. 1% minimum dimming value. [7] 10% minimum dimming value. Current Sink: 3mA/fixture, Current Source: 0.5mA/fixture. [8] 1% minimum dimming value. 1 DALI address per fixture. [9] Available for 2' RO [0.6m], 3' [0.9m] and 4' [1.2m] fixture lengths only. 1% minimum dimming value. 1 EcoSystem® address per fixture length. [10] 1% minimum dimming value. Fixtures set to by fixture resolution. 1 DMX address per fixture. [11] Available with **UMP** and **UMAS** mounting options only.

13/13
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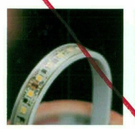
ELEMENT AT SKYSONG — TYPE KX 7

58

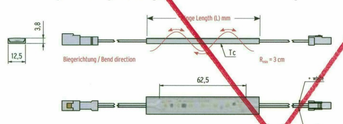
## VarioLED™ Flex HYDRA HD White IP67



Wasser- und UV-geschützte flexible lineare LED Leuchte in bis zu 5 m Länge im Polyurethanverguss mit weißem Boden und mit 200 mm IP67 Mini Steckverbinder an beiden Enden.

Water & UV resistant flexible linear LED luminaire in up to 5 m length in polyurethane encapsulation with white casing and with 200 mm IP67 mini connectors on both ends.

### Abmessungen & verfügbare Längen Dimensions & available lengths




L = N x 62,5 + 19; Lmin = 1 x 62,5 + 19 = 81,5 mm; HD6/HD10 ⌀ Lmax = 5.039 mm; HD15 ⌀ Lmax = 4.039 mm
(HD6/HD10 ⌀ N = 1...80, HD15 ⌀ N = 1...64)

Tc-Punkt: Gesamte Rückseite des vergossenen LED Bands
Tc-point: Entire encapsulated flexboard rear side

### Elektrische & Optische Betriebsdaten Electrical & output data

| Farbtemperatur Color temperature[2] | | | HD6 | HD10 | HD15 |
|---|---|---|---|---|---|
| | | | lumen/meter (lm/m)[1] | | |
| W820 | | 2500 K | 410 | 680 | 1090 |
| W822 | | 2900 K | 470 | 780 | 1250 |
| W825 | | 3300 K | 530 | 890 | 1430 |
| W827 | W927 | 3800 K | 3600 K 480 | 800 | 1510 |
| W830 | W930 | 4300 K | 4300 K 490 | 810 | 1600 |
| W835 | W935 | 5100 K | 4900 K 500 | 830 | 1690 |
| W840 | W940 | 6100 K | 6600 K 470 | 860 | 1720 |
| W850 | | 9600 K | 710 | 1180 | 1880 |

[1] Die angegebenen Daten sind typische Werte. Aufgrund von Produktionstoleranzen und der Toleranzen der elektrischen Bauteile können die Werte der elektrischen Leistung und des Lichtstromes um bis zu 10% nach oben oder unten abweichen.
[2] Bei IP67 Produkten können Toleranzen bei der Farbtemperatur auftreten. Nähere Erläuterung dazu finden Sie auf Seite 476.

[1] The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
[2] In case of IP67 products, tolerances in the color temperature can occur. For further explanation, please see page 476.

Es gelten die selben Daten wie für VarioLED® Flex HYDRA IP67 mit folgenden Ausnahmen: 30% Lichtverlust und Farbverschiebung im Vergleich zum nicht vergossenen LED Strip.

Same data as for VarioLED® Flex HYDRA HD apply, except: 30% light loss and color shift compared to non encapsulated LED strip.

Bitte sprechen Sie uns an für kundenspezifische Anpassungen, wie z. B. Kabellängen und Stecker.

Please ask for customer specific adaptions like cable length and plugs.

### Bestellnummer Order code

| | Flex tape | Variant | Color rendering | Color temperature | Length | Ingress protection |
|---|---|---|---|---|---|---|
| Ihre Bestellnummer Your order code | VarioLED Flex HYDRA | HD__ | W_ | __ | ____ | IP67 |
| Bestellnummer Beispiel Order code example | VarioLED Flex HYDRA | HD6 | W9 | 27 | 1144 | IP67 |

### Zubehör Accessories

**erforderlich** required

Konverter
Power supply unit
z.B. s. o.
Art.-# 8000054

Buchse
Female connector
z.B. s. o.
Art.-# 8000042

**optional** optional

Steuerprotokoll
Power control system
z.B. s. o.
Art.-# 8700037

3M Klebeband
3M Adhesive tape
Art.-# 8000035

Transparenter Montageclip
Transparent mounting clip
Art.-# 0000095

Details siehe Seite 338 ff. Details on page 338 ff.

LED Linear® GmbH

Sicherheits- und Montagehinweise siehe Seite 410 ff. Safety and assembly information please see page 412 ff.

CM KLING + ASSOCIATES INC

ELEMENT AT SKYSONG — TYPE KX 8

# 4426 SERIES
## LED Wet Niche LED Swimming Pool Monochromatic

| CATALOG NUMBER | |
|---|---|
| NOTES | |
| TYPE | |

Specifications

| | |
|---|---|
| L: | 10 - 3/8" 264 mm |
| W: | 11 - 1/4" 286 mm |
| H: | 11 - 1/4" 286 mm |
| Weight | lbs |

IP68

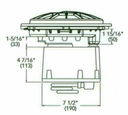
### DESCRIPTION
The 4426 is designed to be recessed into a stainless steel niche as a "wet niche" type fixture. These units offer cool white, warm white, amber, blue, green, and red monochromatic colors. The system shall be composed of two components: 1) LED array board and 2) Driver. The LED Driver powers via constant current. With a constant current driver, LED lumen output does not change with temperature variations.

### ORDERING INFORMATION

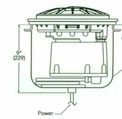
**EXAMPLE:** 4426 SS 18LED WHT53K 120 WFL CLS NM CSL50 SWM

| Model | Material | LED type | LED Color | Voltage | Distribution |
|---|---|---|---|---|---|
| 4426 | **B** Bronze<br>**SWB** Saltwater bronze<br>**SS** Stainless steel | **18LED** 60 watts<br>**36LED** 96 watts | **WHT30K** 3000K white<br>**WHT41K** 4100K white<br>**WHT53K** 5300K white<br>**AMBPC** Phosphor Converted Amber<br>**BLU** Blue<br>**GRN** Green<br>**RED** Red | **120** | **NSP** Narrow spot<br>**MFL** Medium flood<br>**FL** Flood<br>**WFL** Wide flood<br>**VWFL** Very wide flood (no optics)<br>**HSP** Horizontal spot<br>**HFL** Horizontal flood |

| Lens | Mounting | Dimming | Cord Set Length | Application | Listing |
|---|---|---|---|---|---|
| **CLS** Convex linear spread lens | **NM** Niche mount | **IDIM**[1] In-line dimming (dims to 40%) | **CSL__** 35'-120' of cord available in 5' increments | **SWM** Swimming pool | **CSA** Optional Canadian listing for sale in Canada |




FIXTURE ONLY




FIXTURE AND NICHE

Notes:
1 IDIM for use with forward phase ELV dimmers. IDIM option should be run at 120 volt.

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Rev. 04/03/17
4426_LED_NM_SWM_WHITE

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ELEMENT AT SKYSONG — TYPE KX 8

### PERFORMANCE DATA

IP68

### LUMEN OUTPUT

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

| Performance Package | System Watts | Distribution Type | Field Angle °H | Field Angle °V | Beam Angle (50%) °H | Beam Angle (50%) °V | WHT30K (3000 CCT, 70CRI) Max Cd | WHT30K (3000 CCT, 70CRI) Lumens | WHT30K (3000 CCT, 70CRI) LPW | WHT41K (4100 CCT, 70CRI) Max Cd | WHT41K (4100 CCT, 70CRI) Lumens | WHT41K (4100 CCT, 70CRI) LPW | WHT53K (5300 CCT, 70CRI) Max Cd | WHT53K (5300 CCT, 70CRI) Lumens | WHT53K (5300 CCT, 70CRI) LPW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18LED | 60W | NSP | 23 | 23 | 11 | 11 | 44210 | 2780 | 46 | 73687 | 4630 | 77 | 73687 | 4630 | 77 |
| | | MFL | 44 | 44 | 24 | 24 | 10416 | 3235 | 54 | 17358 | 5390 | 90 | 17358 | 5390 | 90 |
| | | FL | 80 | 81 | 62 | 66 | 2068 | 2395 | 40 | 3448 | 3990 | 67 | 3448 | 3990 | 67 |
| | | WFL | 126 | 125 | 101 | 94 | 1250 | 2615 | 44 | 2084 | 4360 | 73 | 2084 | 4360 | 73 |
| | | VWFL | 137 | 132 | 95 | 88 | 1168 | 2320 | 39 | 1947 | 3865 | 64 | 1947 | 3865 | 64 |
| | | HSP | 58 | 27 | 38 | 13 | 14529 | 2805 | 47 | 24214 | 4675 | 78 | 24214 | 4675 | 78 |
| | | HFL | 62 | 31 | 41 | 16 | 14528 | 3295 | 55 | 24212 | 5495 | 92 | 24212 | 5495 | 92 |
| 36LED | 96W | NSP | 23 | 23 | 11 | 11 | 88425 | 5560 | 58 | 147374 | 9265 | 97 | 147374 | 9265 | 97 |
| | | MFL | 44 | 44 | 24 | 24 | 20830 | 6470 | 67 | 34717 | 10780 | 112 | 34717 | 10780 | 112 |
| | | FL | 80 | 81 | 62 | 66 | 4137 | 4790 | 50 | 6896 | 7980 | 83 | 6896 | 7980 | 83 |
| | | WFL | 126 | 125 | 101 | 94 | 2501 | 5230 | 54 | 4168 | 8715 | 91 | 4168 | 8715 | 91 |
| | | VWFL | 137 | 132 | 95 | 88 | 2336 | 4640 | 48 | 3893 | 7730 | 81 | 3893 | 7730 | 81 |
| | | HSP | 58 | 27 | 38 | 13 | 29054 | 5610 | 58 | 48428 | 9345 | 97 | 48428 | 9345 | 97 |
| | | HFL | 62 | 31 | 41 | 16 | 29055 | 6590 | 69 | 48425 | 10985 | 114 | 48425 | 10985 | 114 |

### Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

| Ambient | | Lumen Multiplier |
|---|---|---|
| 0°C | 32°F | 1.02 |
| 10°C | 50°F | 1.01 |
| 20°C | 68°F | 1.00 |
| 25°C | 77°F | 1.00 |
| 30°C | 86°F | 0.99 |
| 40°C | 104°F | 0.98 |

### Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the Fixture platform in a **25°C ambient,** based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

| Operating Hours | 0 | 25,000 | 50,000 | 100,000 |
|---|---|---|---|---|
| Lumen Maintenance Factor | 18LED | | | |
| | 1.00 | 0.99 | 0.98 | 0.96 |
| | 36LED | | | |
| | 1.00 | 0.90 | 0.80 | 0.65 |

### Electrical Load

| Light Engines | Drive Current (mA) | System Watts | Current (A) 120 |
|---|---|---|---|
| 18LED | 700mA | 60 | 0.50 |
| 36LED | 700mA | 96 | 0.80 |

### FEATURES & SPECIFICATIONS

**FIXTURE HOUSING & DOOR:** Heavy wall cast bronze construction. Natural cast bronze finish. Stainless steel bezel finish is also available.

**NICHE:** Stainless steel with cast bronze mounting ring which locks the fixture into position. Niche has four ears to tie to forms or steel structural rods. Pressure grounding lugs on interior and exterior surfaces. Niche conduit entrances are 3/4" NPT.

**LED TYPE:** 18 LED, 60 Watt or 36 LED, 96 Watt LED array available in 3000K CCT, 4100K CCT, 5300K CCT white or monochromatic amber, red, blue or green. (LED board included)

**VOLTAGE:** 120 Volt AC 50/60Hz.

**LENS:** 8 5/8" (219mm) diameter convex linear spread tempered glass.

**GASKET:** Single piece molded U-shaped silicone gasket.

**CORD:** Minimum of 35' of #16/2ST submersible rated cord for standard 120VAC line, 14/3 submersible rated cord for CSA. Cord entrance is epoxy encapsulated. Cord length must be specified. NOTE: Sufficient cord should be coiled in the niche to allow for the fixture to be removed and brought above water level for maintenance.

**FACTORY LEAK TESTED:** Fixtures are tested at 10 PSI (0.70kg/cm2) internal pressure while totally submerged in water.

**LOW WATER PROTECTION:** Temperature sensing low water cut off standard.

**FASTENERS:** Stainless Steel.

**LISTING:** U.L., CSA

**US PATENT:** 7,680,816

**WARRANTY:** 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

**NOTE:** Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

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Rev. 04/03/17
4426_LED_NM_SWM_WHITE

CM KLING + ASSOCIATES INC

Type KX7 NOT approved as part of this case
9-21-17

*As Noted
STIPULATION SET
RETAIN FOR RECORDS
APPROVED
9-21-17 DATE
INITIALS

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | EXTERIOR LIGHTING CUT SHEETS |
|---|---|---|---|

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ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

COOPER CARRY

24-DR-2017
7/20/17

SITE LIGHTING
SCALE: 1/8" = 1'-0"

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
9-21-17
DATE INITIALS

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | SITE LIGHTING |
|---|---|---|---|

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ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

COOPER CARRY

24-DR-2017
7/20/17

GENERAL INFORMATION
Project: Element at Skysong
Calculation: Vertical Light Trespass

Filename: Elements SkySong Vertical Calculation CMK 2017_0630.AGI
Date:6/30/2017

| Luminaire Schedule | | | | | | |
|---|---|---|---|---|---|---|
| Symbol | Qty | Label | LLF | Description | Lum. Lumens | Lum. Watts |
| | 53 | KX01 - Targetti Small ZESFWFE | 1.000 | ZES-FW-FE-L1-30-84-VOLT | 41 | 5.4 |
| | 96 | KX02 - BK Accent AR-LED-x54-S | 1.000 | AR-LED-TR-X53-SP-BZP-13-A-8-D10INC-VOLT-WM | 853 | 10.75 |
| | 7 | KX03 - Hess Linea_S_3000K | 1.000 | LN900S-LED-WW-UNV-A-GG-DIM | 479 | 10.06 |
| | 20 | KX04 - MF Sconce WS-W2308-GH | 1.000 | WS-W23-8-GH | 162 | 8.1 |
| | 15 | KX05 - BK Downlight AR-LED-x5 | 1.000 | AR-LED-TR-X53-WFL-BZP-12-B-8-D10INC-VOLT | 731 | 10.886 |
| | 8 | KX06 - Lumenpulse LOG-RO-120- | 1.000 | LOG-RO-VOLT-LENGTH PER PLAN-30K-10x60-WAM2-BRZ-DIM | 1729 | 31.31 |
| | 80 | KX07 - LED Linear VarioLED_FI | 0.700 | VARIO LED FLEX HYDRA-HD10-W830-LENGTH PER PLAN-IP67 | 45 | 0.625 |
| | 6 | KX09 - Wagner LULF30K705XT | 1.000 | LULF-30K-70-CURRENT-MOUNT | 94 | 1.95 |
| | 31 | KX10 - Bega steplight 22372 | 1.000 | 22372-BRZ | 160 | 14.11 |

LLD = 1.0
LDD = 1.0
Type KX07 UDF = 0.7 for IP67 encapsulation per manufacturer

VERTICAL LIGHTING CALCULATION - SHEET B
NO SCALE

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
9-26-17
DATE INITIALS

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | VERTICAL LIGHTING CALCULATION - SHEET B |
|---|---|---|---|

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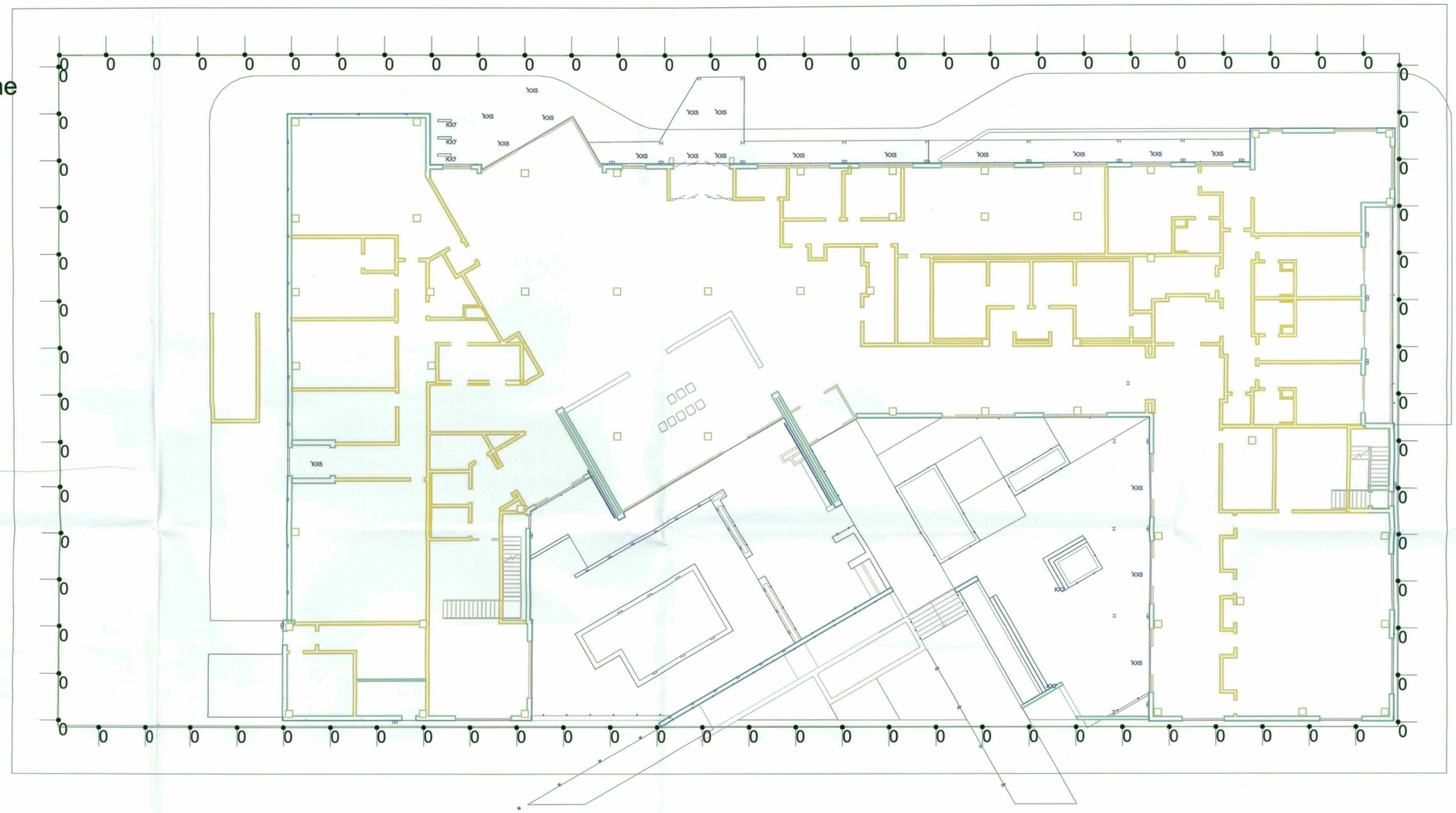
ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

COOPER CARRY

Vertical Light Trespass
6'-0" Above Property Line
Illuminance (Fc)
Average = 0.00
Maximum = 0.0
Minimum = 0.0
Avg/Min Ratio = 0.00
Max/Min Ratio = 0.00



VERTICAL LIGHTING CALCULATION - SHEET A
SCALE: 1/12" = 1'-0"

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
9.2.17
DATE INITIALS

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | VERTICAL LIGHTING CALCULATION - SHEET A |
|---|---|---|---|

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ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

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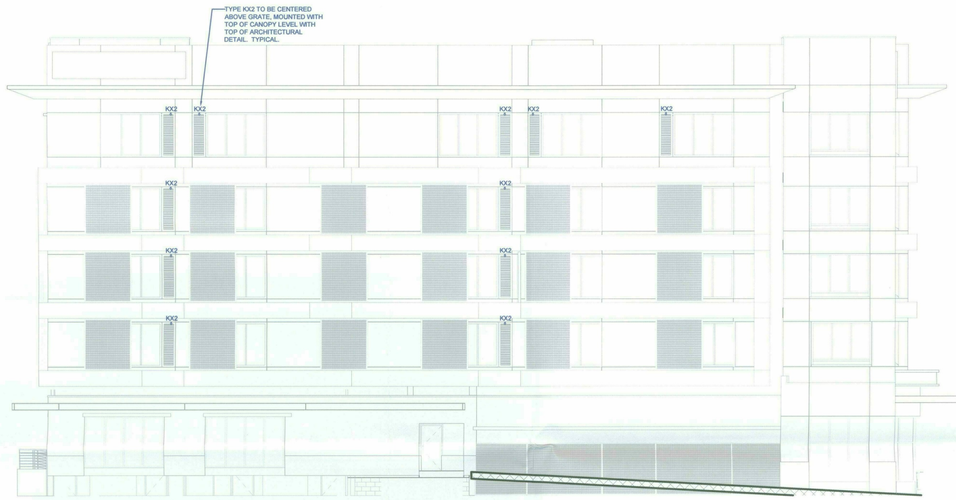


SOUTH ELEVATION LIGHTING
SCALE: 3/32" = 1'-0"

STIPULATION SET
RETAIN FOR RECORDS
APPROVED
9-21-17
DATE
INITIALS

| PROJECT NO. 20160107.00 | REVISION NO. 001 | DATE 07/17/2017 | SOUTH ELEVATION LIGHTING |
|---|---|---|---|

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ELEMENT HOTEL @ SKYSONG
*SCOTTSDALE, ARIZONA*

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# Case Review Comments

05/09/17

Ordinance Issues

1 Demonstrate minimum drive width of 24' (Ord 4283, 503 2 1)
2 Unobstructed vertical clearance minimum 13'6" (Fire Ord 4283, 503 2 1)
3 "Key switch/pre-emption sensor" required for commercial/Multi-family/Gated communities (Fire Ord 4283, 503 6 1)
4 Demonstrate Hydrant spacing, existing and proposed (Fire Ord 4283, 507 5 1 2)
5 Designate Fire Lanes for all Commercial / Multi-Family (24' min ) (Fire Ord 4283, 503 3)
6 Demonstrate FDC meets spacing requirements in accordance with (Fire Ord 4283, 912)

Policy and Design Related Issues

1 Demonstrate COMMERCIAL turning radii (25' inner/49' Outside /55' Bucket Swing) (DS&PM 2-1 802(5))
2 Divided entrances and drive thru by pass lanes shall be 20' wide min (DS&PM 2-1 802(2))
3 Provide turn-around for emergency vehicles at end of dead-end over 300' (DS&PM 2-1 802(8))
4 Demonstrate fire lane surface will support 83,000 lb GVW to include any bridge/culvert crossing (DS&PM, 2-1 802(3))
5 Demonstrate location of Fire Riser room (DS&PM 6-1 504(1))

Technical Corrections to be resolved prior the final plans submittal

1 Fire & Life Safety Report required
2 Owners Information Certificate required
3 NFPA 13 compliant Fire sprinkler system shall be required