

BUILDING STATISTICS:

BUILDING USE & OCCUPANCY TYPE: B
(PER 2019 CBC 306.2) OFFICE AND MEDICAL

TOTAL BUILDING AREA: 20,955 SF
(PER 2019 CBC 507.4 & 705.3)

CONSTRUCTION TYPE: TYPE V-B; FULLY SPRINKLERED
(PER 2019 CBC TABLE 602)

OCCUPANT LOAD: 150
(PER 2019 CBC TABLE 1004.5)

BUILDING HEIGHT: LOW PARAPET = 23'-0"
HIGH PARAPET = 24'-6"

PARKING STATISTICS:

REQUIRED PARKING: PARKING STALLS = 1/300 S.F. - OFFICE USE
BICYCLE PARKING = 1/10 PARKING STALLS
MOTORCYCLE PARKING = 3/100 PARKING STALLS

20,955 S.F. @ 1/300 = 97 PARKING STALLS

TOTAL PARKING PROVIDED: 120 STANDARD STALLS
STANDARD STALLS: 115 STANDARD STALLS
ACCESSIBLE STALLS: 5 ACCESSIBLE STALLS
(W/ 1 VAN STALL)

REQUIRED EVCS PARKING STALLS: 7 STALLS
(PER 2019 CA GREEN CODE CHAPTER 5)

PROVIDED EVCS PARKING STALLS: 7 STALLS

REQUIRED CLEAN AIR VEHICLE STALLS: 11 STALLS
(PER 2019 CA GREEN CODE CHAPTER 5)

PROVIDED CLEAN AIR VEHICLE STALLS: 11 STALLS

REQUIRED MOTORCYCLE PARKING: 3/100 PARKING STALLS =
PER CITY MUNICIPAL CODE 120 X 5 = 360/100 =
SECTION 17.32.020 3 MOTORCYCLE PARKING

ACTUAL MOTORCYCLE PARKING PROVIDED: 3 MOTORCYCLE PARKING

REQUIRED BICYCLE PARKING: 1/10 PARKING STALLS =
PER CITY MUNICIPAL CODE 120/10 = 12 BICYCLE PARKING
SECTION 17.32.020

ACTUAL BICYCLE PARKING PROVIDED: 12 BICYCLE PARKING

LOADING SPACES REQUIRED: 10,000 S.F. - 100,000 S.F. 1 SPACES

LOADING SPACES PROVIDED: 1 SPACES

PROJECT SUMMARY

PROJECT DESCRIPTION

THE PROPOSED PROJECT WILL CONSIST OF SEVEN (7) MULTI-TENANT OFFICE BUILDINGS. THE BUILDINGS ARE CONFIGURED TO CREATE A CAMPUS LIKE LAYOUT. TOTAL ON-SITE BUILDING AREA IS 20,955 SF FOR ALL SEVEN BUILDINGS ON-SITE PARKING FACILITY WILL BE PROVIDED COMPLYING WITH CURRENT ACCESSIBILITY AND MUNICIPAL CODE REQUIREMENTS.

PROJECT ADDRESS: 858 PATRIOT DRIVE
MOORPARK, CA 93021

APN: 5120-430-015

PROPERTY ZONE: CARLSBERG SPECIFIC PLAN

SITE STATISTICS:

LOT AREA: 12.59 AC / 112,820 SF
BUILDING S.F.: 20,955 S.F.
LOT COVERAGE: 25.63%
LANDSCAPE AREA: 126,982 SF
LANDSCAPE COVERAGE: 23.88%
HARDSCAPE AREA: 10,450 S.F.
HARDSCAPE COVERAGE: 9.25%
PARKING & DRIVE AISLE AREA: 46,238 S.F.
PARKING & DRIVE AISLE COVERAGE: 40.83%
TRASH ENCLOSURE AREA: 326 S.F.
TRASH ENCLOSURE COVERAGE: 0.28%

LANDSCAPE AREA AT PARKING STALL OVERHANG:
(NOT INCLUDED IN LANDSCAPE CALCULATION) 11,435 SF

LANDSCAPING WITHIN PARKING AREA:
REQUIRED (10%): 4,623 SF
PROVIDED (41.9%): 19,414 SF



VICINITY MAP



PROJECT DIRECTORY

ARCHITECTURAL

- ap-1 COVER SHEET / PROJECT INFORMATION
- ap-2 SITE PLAN
- ap-2.1 FIRE ACCESS PLAN
- ap-2.2 LANDSCAPE DIMENSION PLAN
- ap-2.3 DEMOLITION SITE PLAN
- ap-2.4 MISC. SITE DETAILS
- ap-3 BUILDING 'A' - FLOOR, ROOF PLANS & ELEVATIONS
- ap-4 BUILDING 'B' - FLOOR, ROOF PLANS & ELEVATIONS
- ap-5 BUILDING 'C' - FLOOR, ROOF PLANS & ELEVATIONS
- ap-6 BUILDING 'D' - FLOOR, ROOF PLANS & ELEVATIONS
- ap-7 BUILDING 'E' - FLOOR, ROOF PLANS & ELEVATIONS
- ap-8 EXTERIOR ELEVATIONS - BUILDING 'B'
- ap-9 LINE OF SIGHT STUDY
- ap-10 SITE PHOTOS
- ap-11 SITE PHOTOS

CIVIL

- C1 PRELIMINARY ENGINEERING SITE PLAN
- C2 PRELIMINARY UTILITY PLAN
- C3 STORMWATER DRAINAGE AND INFILTRATION STORAGE SYSTEM

ELECTRICAL

- E1 SITE PHOTOMETRIC PLAN
- E2 SITE UTILITY PLAN

LANDSCAPE

- L1.1 PRELIMINARY PLANTING PLAN
- L1.2 PRELIMINARY PLANT LIST, IMAGES & MNELO CALCULATIONS AND NOTES

PROJECT DIRECTORY

OWNER:

HTC
564 CONSTITUTION AVE. SUITE 10
CAMARILLO, CA 93012
PHONE: (805) 383-2211
CONTACT: MARTIN TEITELBAUM
(martin@htcconstruct.com)

ARCHITECT:

PK:ARCHITECTURE
9126 CLARETON DRIVE SUITE 110
AGOURA HILLS, CA 91301
PHONE: (818) 584-0097
CONTACT: BRIAN POLIQUIN
(bpoliqin@pkarchitecture.net)

CIVIL ENGINEER:

DELANE ENGINEERING, INC
2812 SANTA MONICA BLVD., SUITE 206
SANTA MONICA, CA 90404
PHONE: (310) 876-0902
CONTACT: SCOTT UHLES
(suhles@delanegroup.com)

SOILS ENGINEER:

GORIAN & ASSOCIATES
5545 OLD CONELLO ROAD
THOUSAND OAKS, CA 91320
PHONE: (805) 875-8262
CONTACT: JEROME BLUNCK
(jblunck@gorian.net)

LANDSCAPE ARCHITECT:

JORDAN, GILBERT & BAIN LANDSCAPE ARCHITECTS INC.
494 N. VENTURA AVE.
VENTURA, CA 93001
PHONE: (805) 642-3641
CONTACT: PAUL JORDAN
(paul@jordan-gilbert.com)

ELECTRICAL ENGINEER:

AK ELECTRIC CONTRACTORS, INC
1501 TRUMAN STREET, SUITE C
SAN FERNANDO, CA 91340
PHONE: (818) 365-4478
CONTACT: ANDY KLEIN
(andyklein57@gmail.com)



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PATRIOT PROFESSIONAL PLAZA
PATRIOT DRIVE
MOORPARK, CALIFORNIA

cover sheet
scale: none

date: 03/14/2021
job number: 21-3020



MILLER PARKWAY

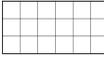
PATRIOT DRIVE



site plan keynotes

- 1 PROPERTY LINE, REFER TO TENTATIVE PARCEL MAP AND CIVIL DRAWINGS
- 2 ACCESSIBLE PATH OF TRAVEL WITH 2% MAXIMUM CROSS SLOPE AND 5% MAXIMUM RUN, REFER TO CIVIL DRAWINGS
- 3 SITE ACCESSIBLE ENTRANCE SIGN REFER TO DETAIL A ON SHEET 02.2
- 4 ACCESSIBLE RAMP, 1:12 MAXIMUM SLOPE
- 5 PARKING AREA PAVING AND DRIVE AISLE, REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION BASED ON SOIL ENGINEER RECOMMENDATIONS
- 6 ENHANCED PAVING AT PEDESTRIAN CROSSWALK - 6" CONCRETE BAND WITH CONCRETE PAVES IN FILL PAVES TO HAVE AN ASHLAR PATTERN BY 'ANGELUS BLOCK' - ESTATE COBBLE I & II. COLOR TO BE TERRACOTTA/BROWN.
- 7 ON-SITE CONCRETE SIDEWALK
- 8 LINE OF PARKING STALL OVERHANG HATCHED AREA IS PART OF STALL OVERHANG THAT IS LANDSCAPING
- 9 LANDSCAPE AREA, REFER TO LANDSCAPE DRAWINGS
- 10 SITE PARKING STRIPING PER CITY OF MOORPARK STANDARDS
- 11 ACCESSIBLE STALL AND STRIPING, MAXIMUM 2% ALL DIRECTIONS
- 12 NEW ELECTRICAL TRANSFORMER WITH REQUIRED SAFETY BOLLARDS.
- 13 TRASH AND RECYCLE ENCLOSURE, SEE c/op.2.2
- 14 BICYCLE RACKS, (12) BICYCLE SPACES
- 15 BENCH - REFER TO m/n/op.2.2
- 16 PARKING LOT LIGHT FIXTURE AND CONCRETE BASE, MAXIMUM 20 FT HIGH MEASURED FROM GROUND TO LENS
- 17 FIRE BACKFLOW PREVENTOR-REFER TO CIVIL DWGS. PROVIDE A 5'-0" CLEARANCE AROUND UTILITY.
- 18 CONCRETE SHALE AND CATCH BASINS, REFER TO CIVIL DRAWINGS
- 19 EXISTING FIRE HYDRANT TO REMAIN
- 20 NEW WATER METERS AND BACKFLOW DEVICE
- 21 AT&T VAULT
- 22 SCE PVE STRUCTURE
- 23 NEW FIRE HYDRANT, REFER TO CIVIL DRAWINGS
- 24 NEW PDC STAND PIPE, REFER TO CIVIL DRAWINGS
- 25 MOTORCYCLE PARKING STALLS - REFER TO l/op.2.2
- 26 EXTERIOR WALL MOUNTED WALL PACK BY: LITHONIA LIGHTING, TYPE IV SHORT BUG
- 27 LIGHT BOLLARDS BY: LITHONIA LIGHTING - KBR8 LED
- 28 EXISTING STREET LIGHT TO REMAIN
- 29 NEW RETAINING WALLS - REFER TO CIVIL DRAWINGS
- 30 EXISTING TRAIL EASEMENT AND FENCING TO REMAIN
- 31 FUTURE LOCATION OF VEHICLE CHARGING STATION
- 32 NEW PUBLIC SIDEWALK, REFER TO CIVIL DRAWINGS
- 33 NEW LANDSCAPING WITHIN PUBLIC WAY, REFER TO LANDSCAPE DRAWINGS
- 34 NEW CONCRETE CURB RAMP, REFER TO CIVIL DRAWINGS
- 35 EXISTING PAVES CROSSWALK TO REMAIN.
- 36 NEW FIRE BACKFLOW
- 37 NEW WATER METERS, REFER TO CIVIL DRAWINGS
- 38 EXISTING TRAFFIC SIGNAL TO REMAIN.
- 39 EXISTING UTILITY BOXES TO REMAIN.
- 40 EXISTING MONUMENT SIGN TO REMAIN.

site plan legend

-  ON-SITE CONCRETE SIDEWALK, REFER TO CIVIL DRAWINGS
-  ENHANCED PAVING - SCORED COLORED CONCRETE
-  LANDSCAPE AREA, REFER TO LANDSCAPE DRAWINGS
-  MINIMUM 5'-0" WIDE FIREFIGHTER BUILDING ACCESS MAHWAY. CLEAR TO THE SKY AND DOES NOT EXCEED 10% AT ANY POINT.
-  PARKING LOT LIGHT FIXTURE
-  EXISTING OFF-SITE STREET LIGHTING



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PATRIOT PROFESSIONAL PLAZA
PATRIOT DRIVE
MOORPARK, CALIFORNIA



site plan
scale: 1"=20'-0"

date: 03/14/2021
job number: 21-30-20

ap-2

MILLER PARKWAY



planning resub 5.05.2022 planning resub 1/14/2022 planning sub 9/22/2021

site plan legend

- ON-SITE CONCRETE SIDEWALK, REFER TO CIVIL DRAWINGS
- ENHANCED PAVING - SCORED COLORED CONCRETE
- LANDSCAPE AREA, REFER TO LANDSCAPE DRAWINGS
- MINIMUM 5'-0" WIDE FIREFIGHTER BUILDING ACCESS HALKWAY, CLEAR TO THE SKY AND DOES NOT EXCEED 10% AT ANY POINT.
- DASHED LINE ALONG CURB FACE INDICATES CURB TO BE PAINTED RED WITH SIGNS POSTED EVERY 50 TO 175 FEET OR AS REQUIRED BY THE FIRE PROTECTION BUREAU, REFER TO DETAILS XVA1.3.

3/8" DIA. HOLE TOP & BOTTOM

1-4"

1-0"

3/8" DIA. HOLE TOP & BOTTOM

F.S.

FIRE LANE SIGN

SCALE: 1 1/2"=1'-0"

A

THE SIGN SHALL BE OF DURABLE MATERIAL, SECURELY MOUNTED, FACING THE DIRECTION OF TRAVEL AND CLEARLY VISIBLE TO ONCOMING TRAFFIC.

- THE WORD "NO" SHALL BE WHITE REFLECTIVE ON RED BACKGROUND AND NO SMALLER THAN 3 1/2" IN HEIGHT.
- LETTERING SHALL BE RED ON WHITE REFLECTIVE BACKGROUND, NO SMALLER THAN 3" IN HEIGHT.
- LETTERING SHALL BE RED ON WHITE REFLECTIVE BACKGROUND, NO SMALLER THAN 2 1/4" IN HEIGHT.
- LETTERING SHALL BE RED ON WHITE REFLECTIVE BACKGROUND, NO SMALLER THAN 3/8" IN HEIGHT.
- THE WORD "TOW AWAY" SHALL BE IN ONE OF THE THREE OPTIONAL LOCATIONS, THE LETTERING SHALL BE RED ON WHITE REFLECTIVE BACKGROUND, NO SMALLER THAN 2 1/4" IN HEIGHT.



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fire access plan
scale: 1"=20'-0"

date: 09/14/2021
job number: 21-30-20

ap-2.1



planning rev: 01
 5/25/2021
 planning sub: 1/14/2021
 9/22/2021

demolition plan keynotes

- ① EXISTING PROPERTY LINE, REFER TO TENTATIVE PARCEL MAP AND CIVIL DRAWINGS
- ② EXISTING FIRE HYDRANT TO REMAIN
- ③ EXISTING SITE ACCESSIBLE ENTRANCE SIGN TO REMAIN
- ④ EXISTING CONCRETE CURB RAMP TO REMAIN
- ⑤ EXISTING PAVER CROSSWALK TO REMAIN
- ⑥ EXISTING TRAFFIC SIGNAL TO REMAIN
- ⑦ EXISTING UTILITY BOXES TO REMAIN
- ⑧ EXISTING CHAIN LINK FENCE TO BE REMOVED IN ITS ENTIRETY.
- ⑨ EXISTING LIGHT POLES TO REMAIN
- ⑩ EXISTING BACKFLOW DEVICE TO REMAIN
- ⑪ EXISTING MONUMENT SIGN TO REMAIN
- ⑫ EXISTING TRAIL TO REMAIN
- ⑬ EXISTING HOOD FENCE TO REMAIN
- ⑭ EXISTING MONUMENT SIGN TO BE REMOVED IN ITS ENTIRETY.



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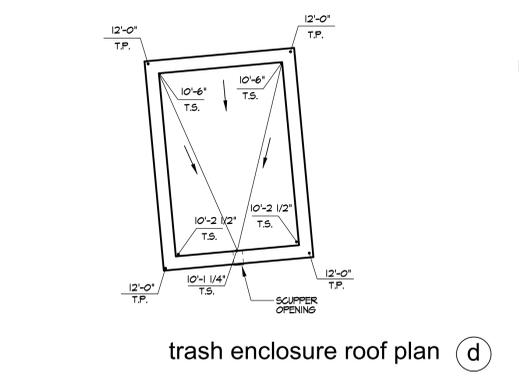
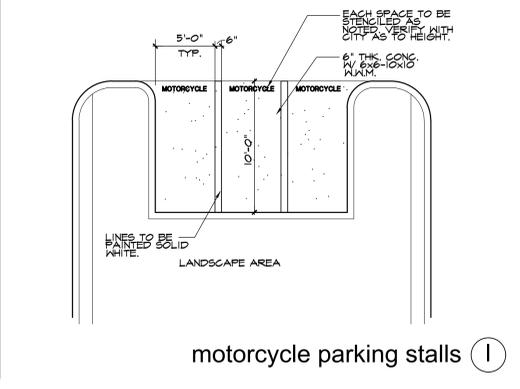
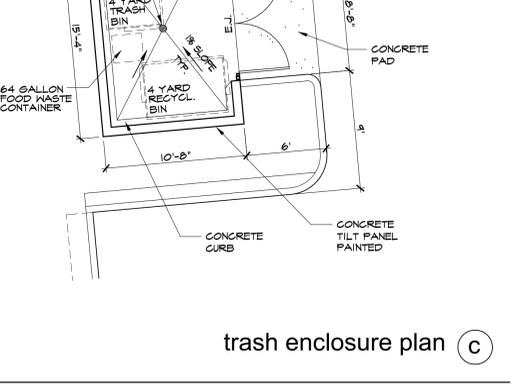
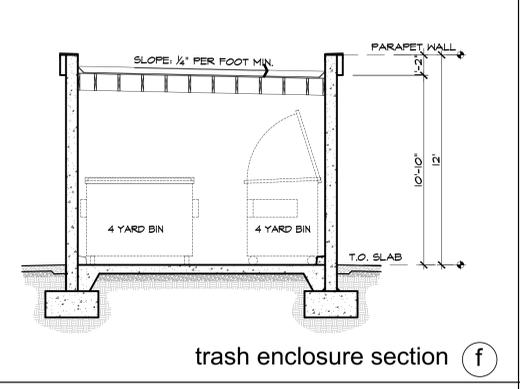
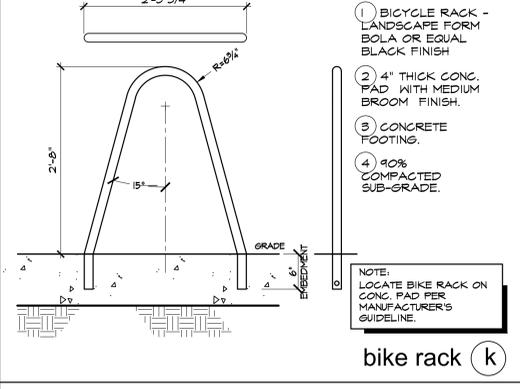
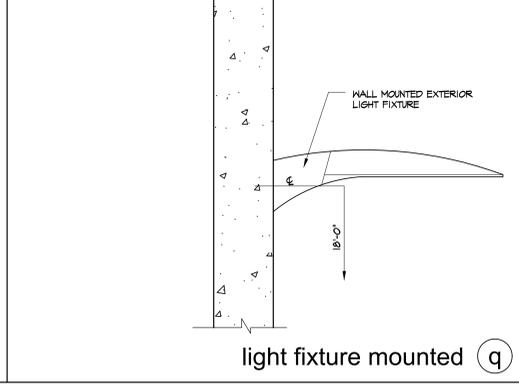
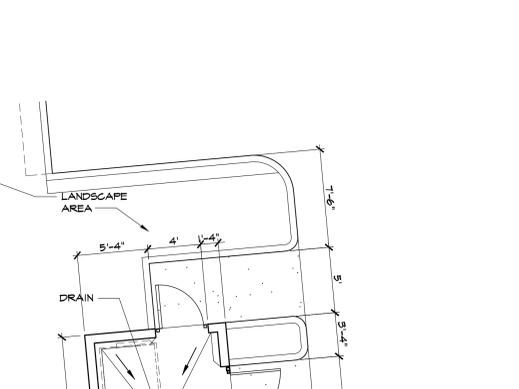
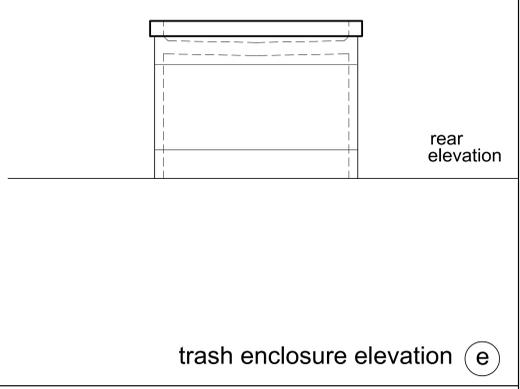
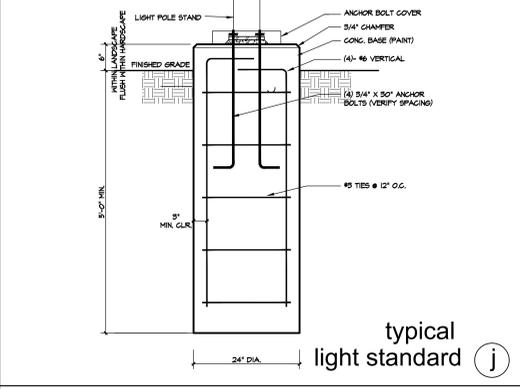
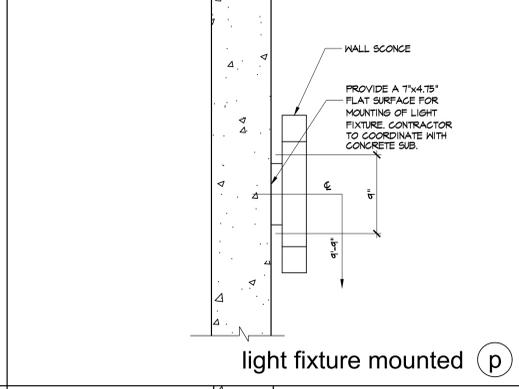
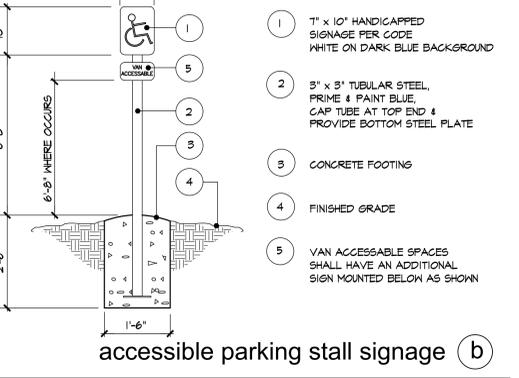
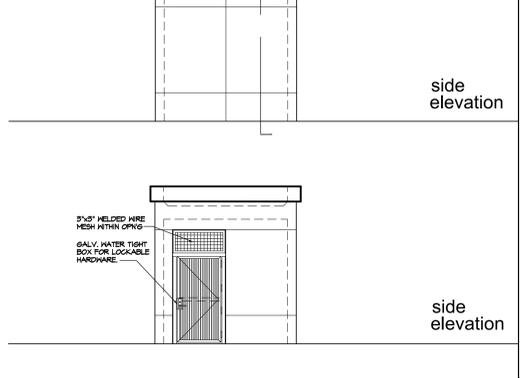
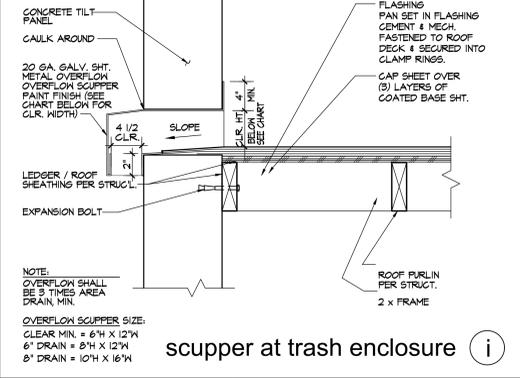
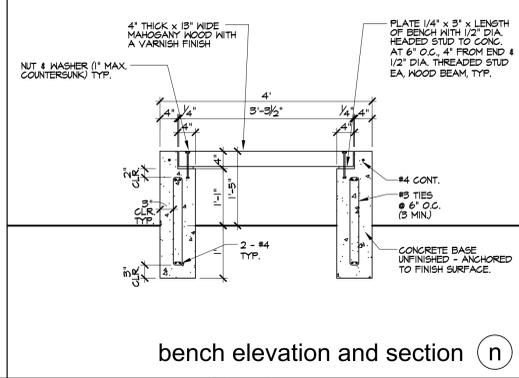
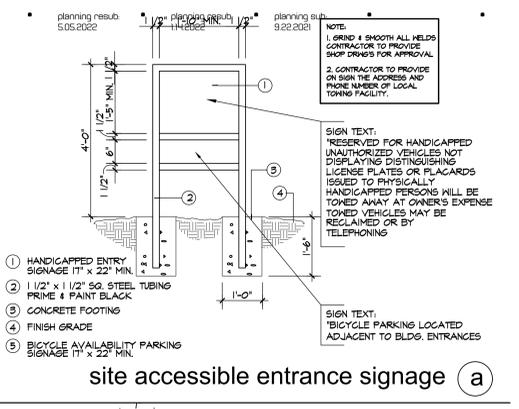
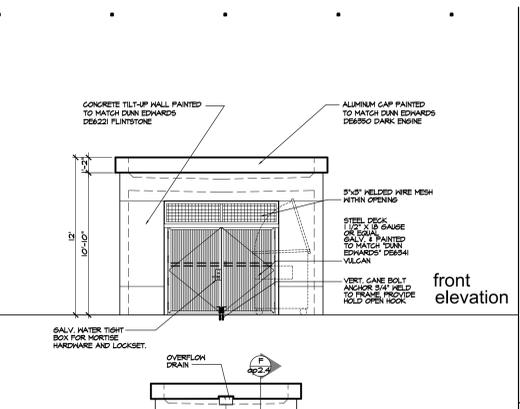
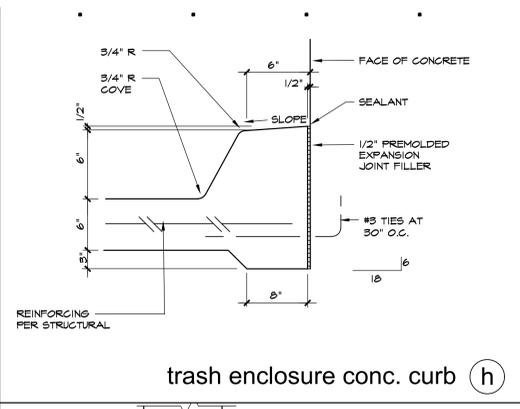
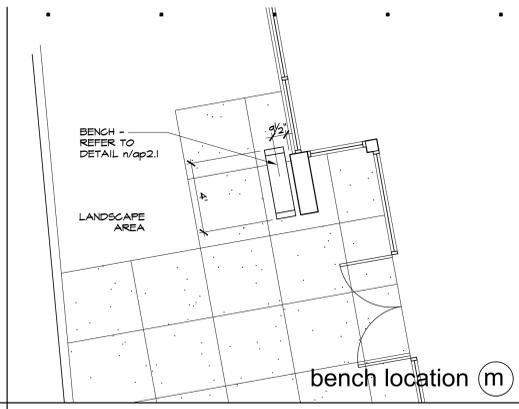
PATRIOT PROFESSIONAL PLAZA
 PATRIOT DRIVE
 MOORPARK CALIFORNIA



demolition
 site plan
 scale: 1"=20'-0"

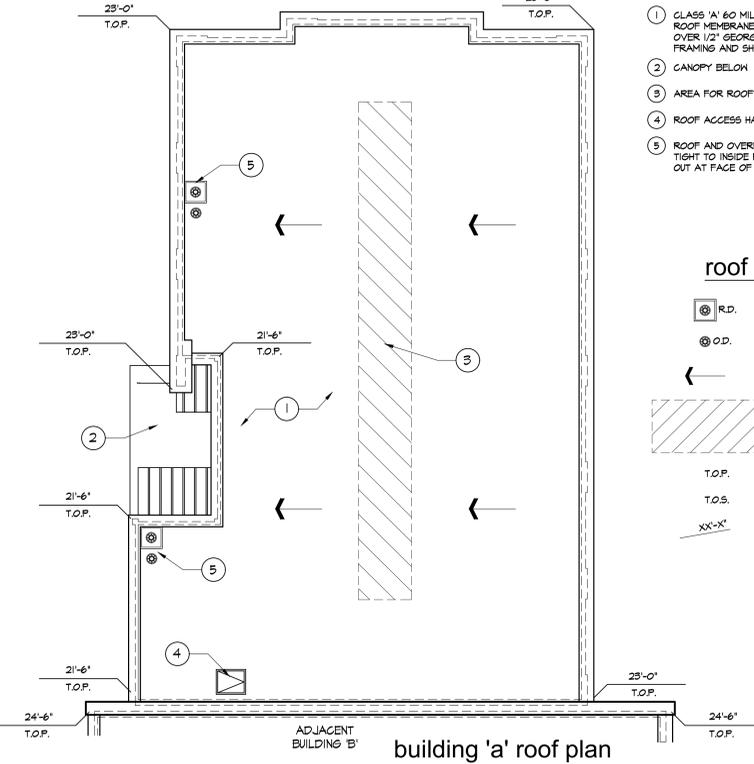
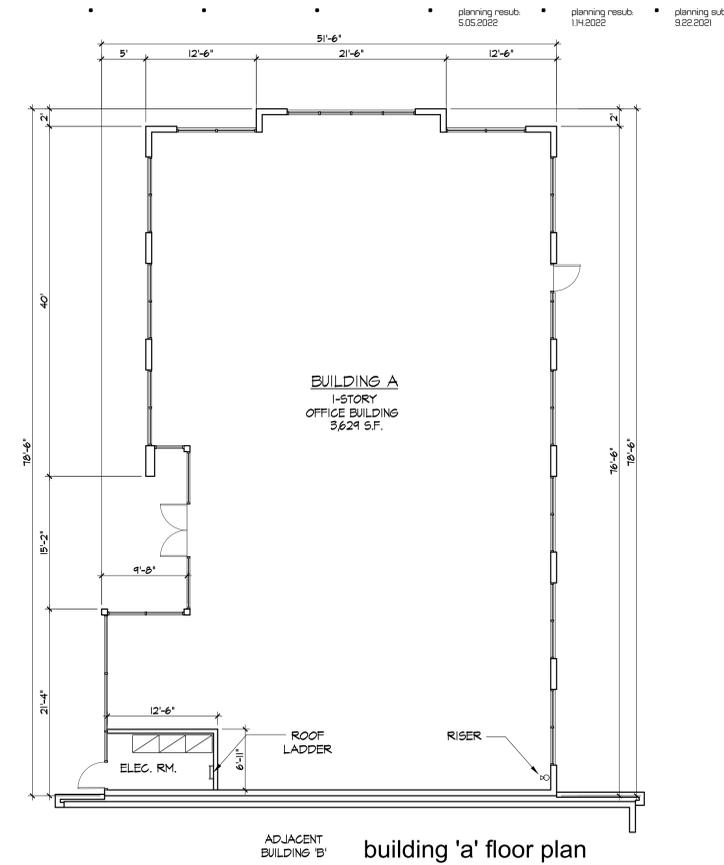
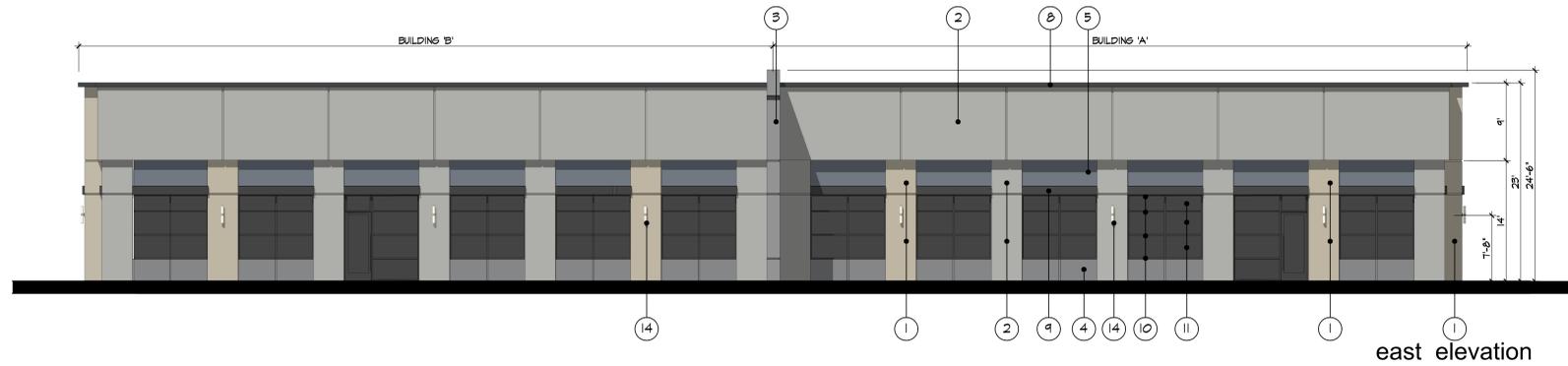
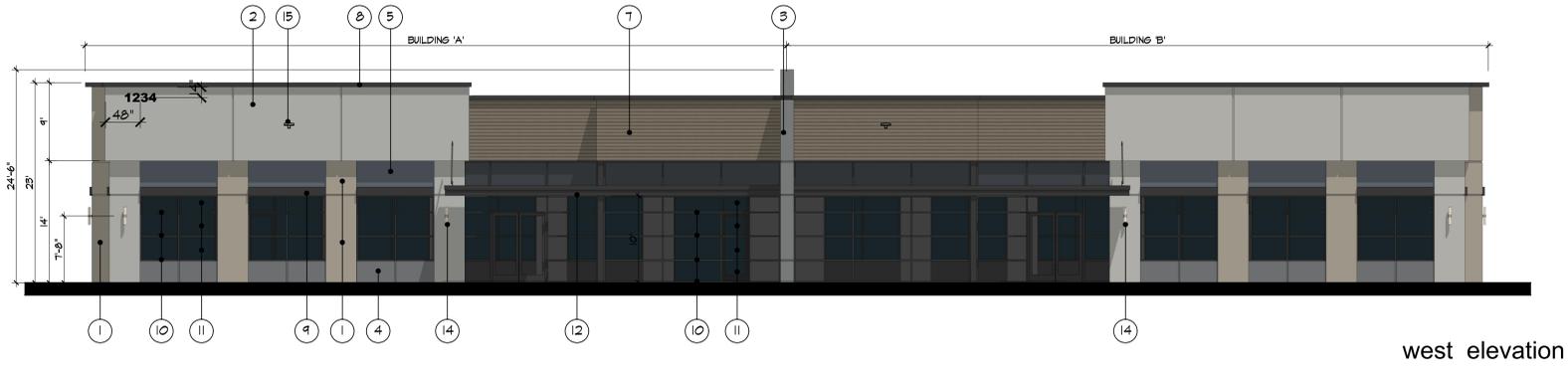
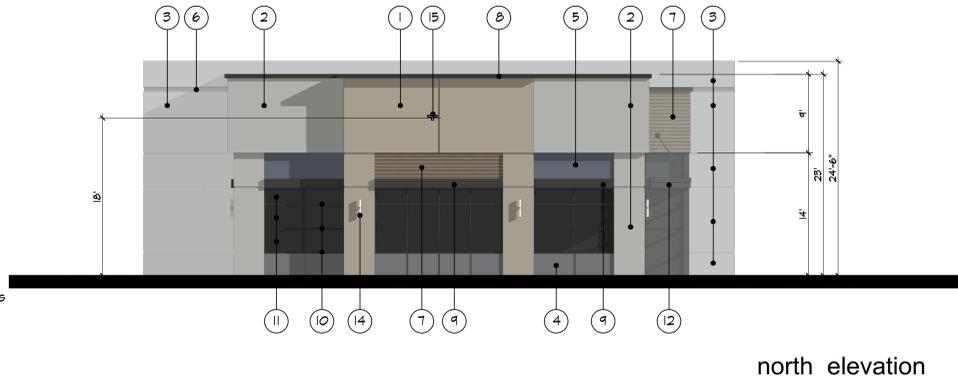
date: 09/14/2021
 job number: 21-30-20

ap-2.3



exterior materials & colors

- 1 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROXEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6221 FLINTSTONE
- 2 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROXEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET600 DOLPHIN TALE
- 3 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROXEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET612 STIEGLITZ SILVER
- 4 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROXEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6362 STORM CLOUD
- 5 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROXEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6341 VULCAN
- 6 ACCENT RECESS SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROXEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6350 DARK ENGINE
- 7 ARCHITECTURAL METAL BY "ATAS METAL METAPHOR" COLOR TO BE SIERRA TAN OR EQUAL
- 8 ALUMINUM COPING, PAINT TO MATCH "DUNN EDWARDS" DE6350 DARK ENGINE
- 9 ACCENT BAND ABOVE STOREFRONT SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROXEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6357 BLACK TIE
- 10 EXTRUDED ALUMINUM STOREFRONT SYSTEM, COLOR TO BE BLACK
- 11 DUAL GLAZED LOW E ENERGY EFFICIENT GREEN TINT GLAZING
- 12 METAL ANNING COLOR TO BE BLACK
- 13 NOT USED
- 14 WALL SCONCE BY: BROWNLEE LIGHTING - BEAM LED ADA - MODEL T111 - 34" BZ FINISH TO BE WHITE - REFER TO DETAIL p/q2.4 FOR FIXTURE MOUNTING
- 15 WALL MOUNTED EXTERIOR LIGHT FIXTURE BY: LITHONIA LIGHTING - MODEL DSXQ LED FINISH TO BE BLACK - REFER TO DETAIL q/op2.4 FOR FIXTURE MOUNTING



roof plan keynotes

- 1 GLASS 'A' 60 MIL SARNAFIL 6410 ENERGY SMART ROOF MEMBRANE, CAP SHEET COLOR TO BE WHITE OVER 1/2" GEORGIA-PACIFIC DENS DECK ROOF BOARD FRAMING AND SHEATHING PER STRUCTURAL
- 2 CANOPY BELOW
- 3 AREA FOR ROOFTOP MECHANICAL UNITS
- 4 ROOF ACCESS HATCH
- 5 ROOF AND OVERFLOW DRAINS THROUGH ROOF, HOLD TIGHT TO INSIDE FACE OF EXTERIOR WALL AND SPILL OUT AT FACE OF ADJACENT CURB.

roof plan legend

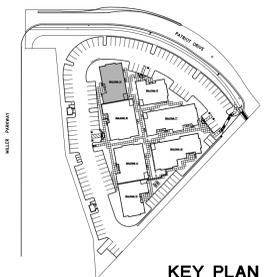
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- O.D. OVERFLOW DRAIN DISCHARGED AT FACE OF BUILDING
- ← GENERAL DIRECTION OF DRAINAGE
- AREA FOR ROOFTOP MECHANICAL UNITS, ALL ROOF MOUNTED EQUIPMENT SHALL BE COMPLETELY SCREENED FROM PUBLIC VIEW
- T.O.P. TOP OF PARAPET WALL
- T.O.S. TOP OF ROOF SHEATHING
- XX'-X" BUILDING COMPONENT ELEVATION FROM FINISHED FLOOR



building 'a' elevations

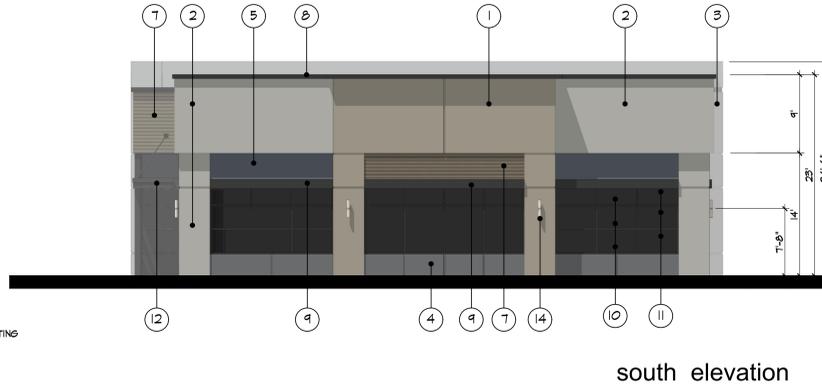
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date: 03/14/2021
job number: 21-30-20

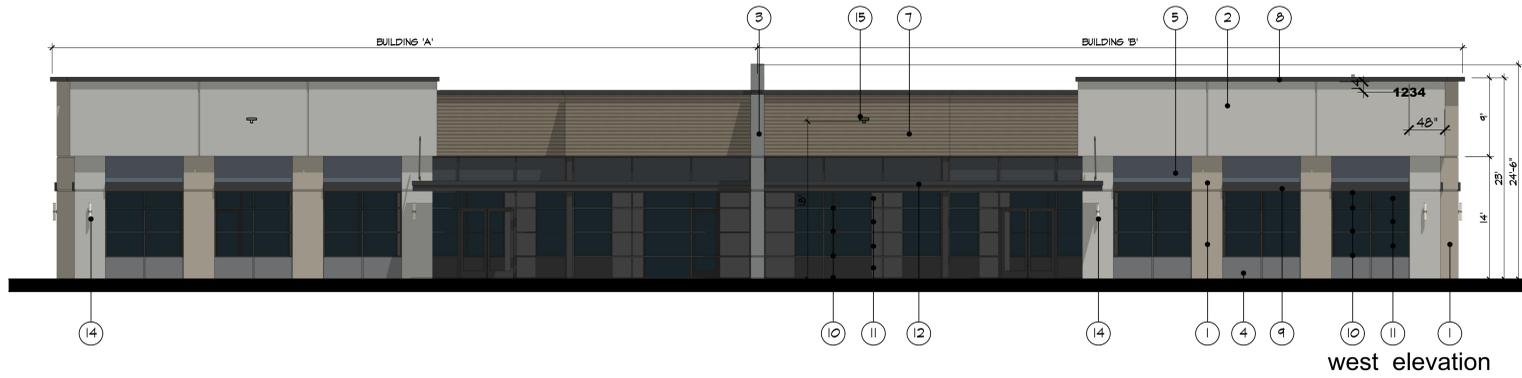


exterior materials & colors

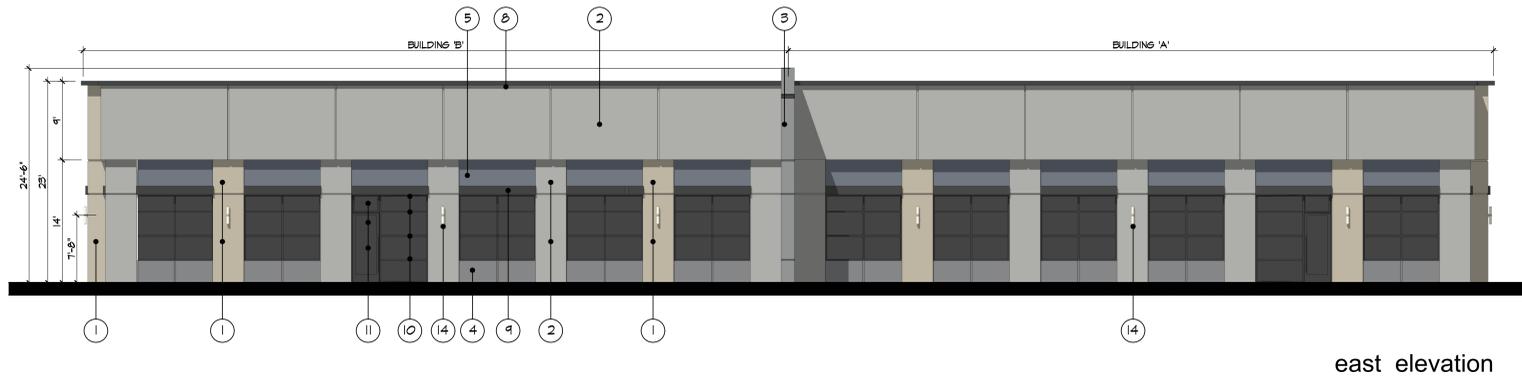
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- ⑤ SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6341 VULCAN
- ⑥ ACCENT RECESS SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6350 DARK ENGINE
- ⑦ ARCHITECTURAL METAL BY "ATAS METAL METAPHOR" COLOR TO BE SIERRA TAN OR EQUAL
- ⑧ ALUMINUM COPING, PAINT TO MATCH "DUNN EDWARDS" DE6350 DARK ENGINE
- ⑨ ACCENT BAND ABOVE STOREFRONT SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6351 BLACK TIE
- ⑩ EXTRUDED ALUMINUM STOREFRONT SYSTEM, COLOR TO BE BLACK
- ⑪ DUAL GLAZED LOW 'E' ENERGY EFFICIENT GREEN TINT GLAZING
- ⑫ METAL AWNING COLOR TO BE BLACK
- ⑬ NOT USED
- ⑭ WALL SCONCE BY: BROYNLEE LIGHTING - BEAM LED ADA - MODEL T11T - 34" BZ FINISH TO BE WHITE - REFER TO DETAIL p/02.4 FOR FIXTURE MOUNTING
- ⑮ WALL MOUNTED EXTERIOR LIGHT FIXTURE BY: LITHONIA LIGHTING - MODEL DSXO LED FINISH TO BE BLACK - REFER TO DETAIL q/op2.4 FOR FIXTURE MOUNTING



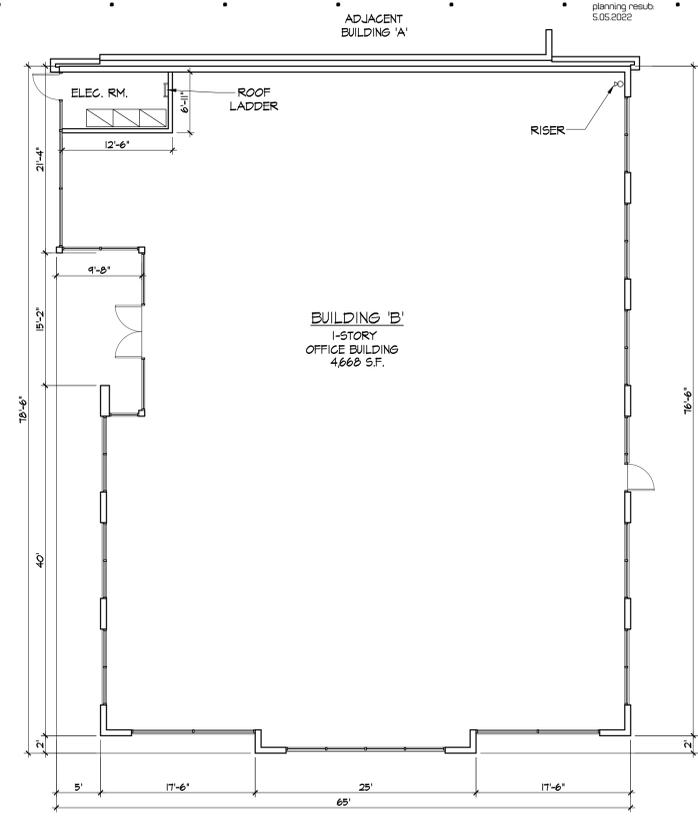
south elevation



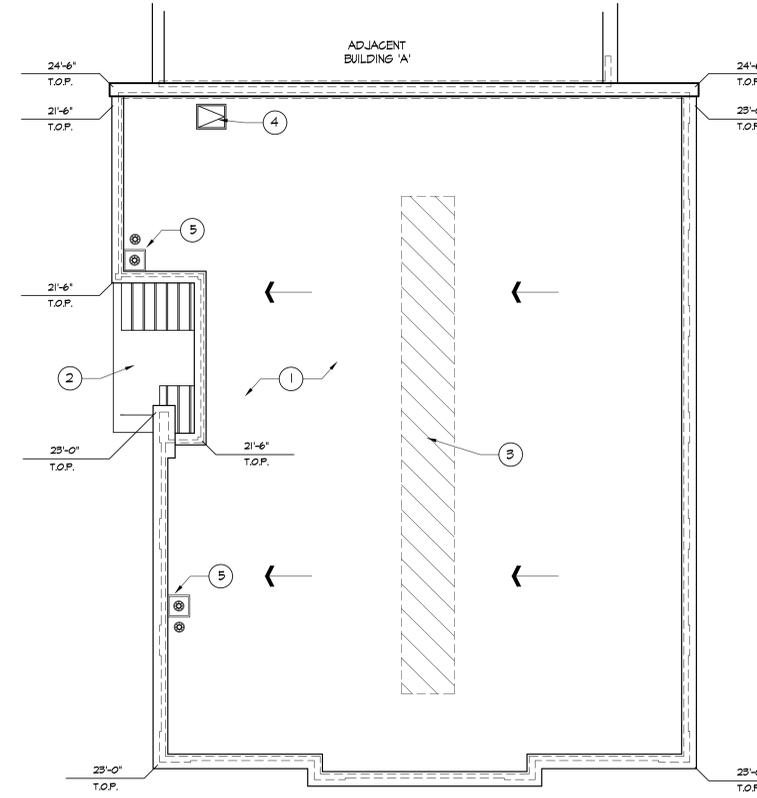
west elevation



east elevation



building 'b' floor plan



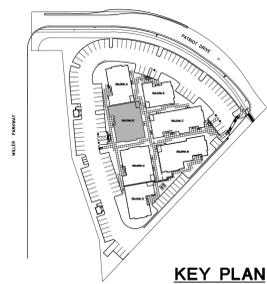
building 'b' roof plan

roof plan keynotes

- ① CLASS 'A' 60 MIL SARNAFIL G410 ENERGY SMART ROOF MEMBRANE, CAP SHEET COLOR TO BE WHITE OVER 1/2" GEORGIA-PACIFIC DENS DECK ROOF BOARD FRAMING AND SHEATHING PER STRUCTURAL
- ② CANOPY BELOW
- ③ AREA FOR ROOFTOP MECHANICAL UNITS
- ④ ROOF ACCESS HATCH
- ⑤ ROOF AND OVERFLOW DRAINS THROUGH ROOF, HOLD TIGHT TO INSIDE FACE OF EXTERIOR WALL AND SPILL OUT AT FACE OF ADJACENT CURB.

roof plan legend

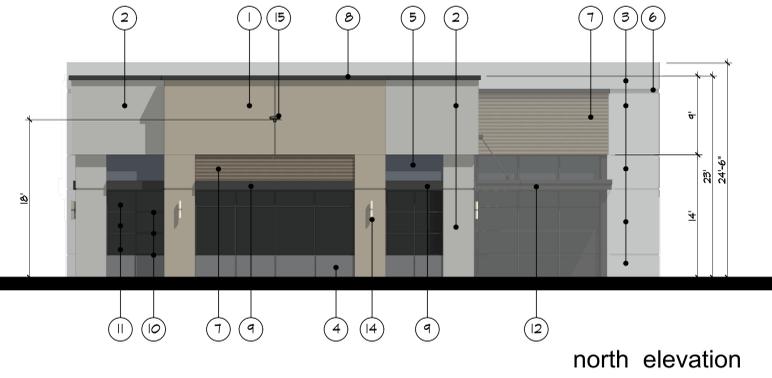
- ⊗ R.D. ROOF DRAIN SUMP DISCHARGED AT FACE OF CURB
- ⊗ O.D. OVERFLOW DRAIN DISCHARGED AT FACE OF BUILDING
- ← GENERAL DIRECTION OF DRAINAGE
- ▨ AREA FOR ROOFTOP MECHANICAL UNITS, ALL ROOF MOUNTED EQUIPMENT SHALL BE COMPLETELY SCREENED FROM PUBLIC VIEW
- T.O.P. TOP OF PARAPET WALL
- T.O.S. TOP OF ROOF SHEATHING
- XX'-X" BUILDING COMPONENT ELEVATION FROM FINISHED FLOOR



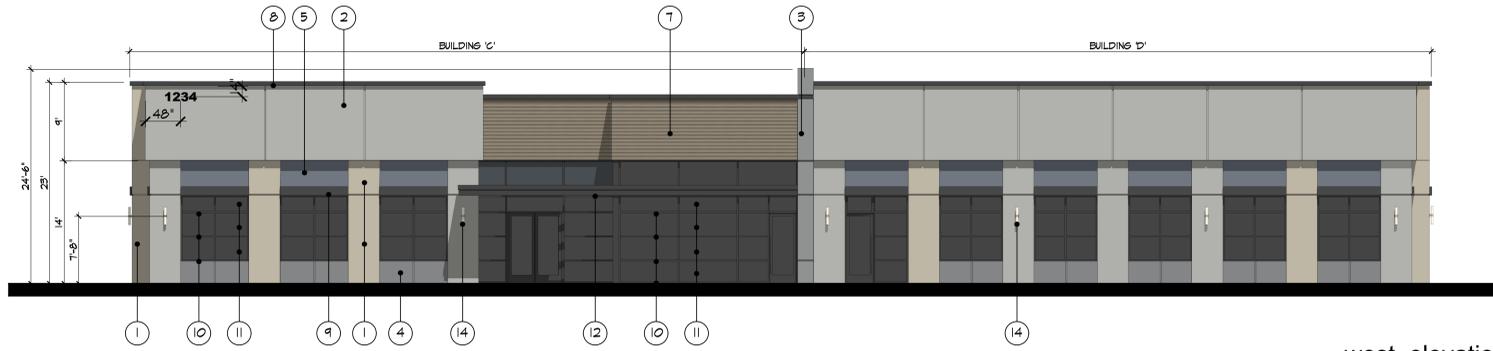
KEY PLAN

exterior materials & colors

- 1 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6221 FLINTSTONE
- 2 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET600 DOLPHIN TALES
- 3 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET612 STIEGLITZ SILVER
- 4 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6362 STORM CLOUD
- 5 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6341 VULCAN
- 6 ACCENT RECESS SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6350 DARK ENGINE
- 7 ARCHITECTURAL METAL BY "ATAS METAL METAPHOR" COLOR TO BE SIERRA TAN OR EQUAL
- 8 ALUMINUM COPING, PAINT TO MATCH "DUNN EDWARDS" DE6350 DARK ENGINE
- 9 ACCENT BAND ABOVE STOREFRONT SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6357 BLACK TIE
- 10 EXTRUDED ALUMINUM STOREFRONT SYSTEM, COLOR TO BE BLACK
- 11 DUAL GLAZED LOW E ENERGY EFFICIENT GREEN TINT GLAZING
- 12 METAL AWNING COLOR TO BE BLACK
- 13 NOT USED
- 14 WALL SCOVNE BY: BROWNLEE LIGHTING - BEAM LED ADA - MODEL T111 - 34" BZ FINISH TO BE WHITE - REFER TO DETAIL p/02.4 FOR FIXTURE MOUNTING
- 15 HALL MOUNTED EXTERIOR LIGHT FIXTURE BY: LITHONIA LIGHTING - MODEL DSX0 LED FINISH TO BE BLACK - REFER TO DETAIL q/02.4 FOR FIXTURE MOUNTING



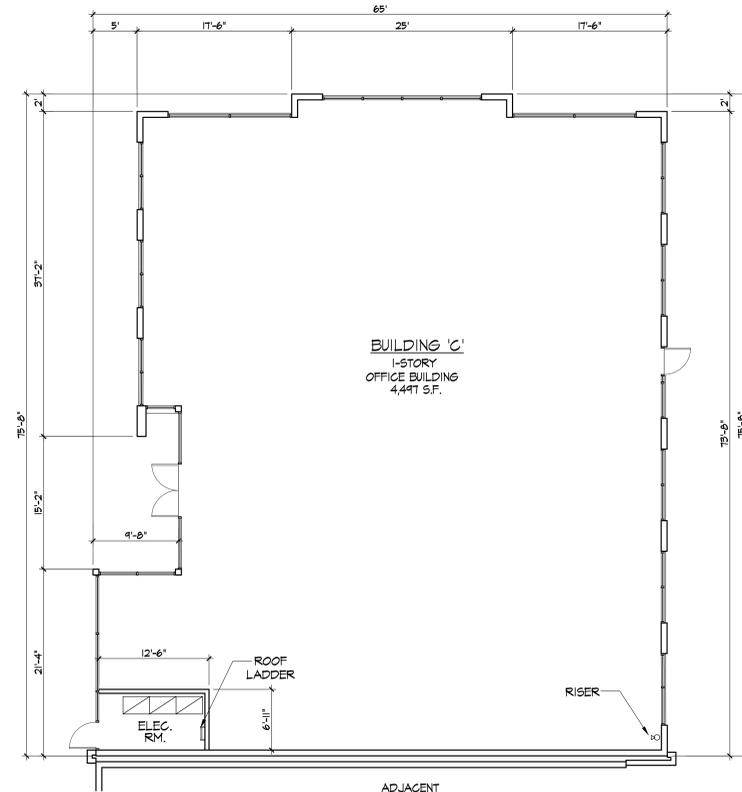
north elevation



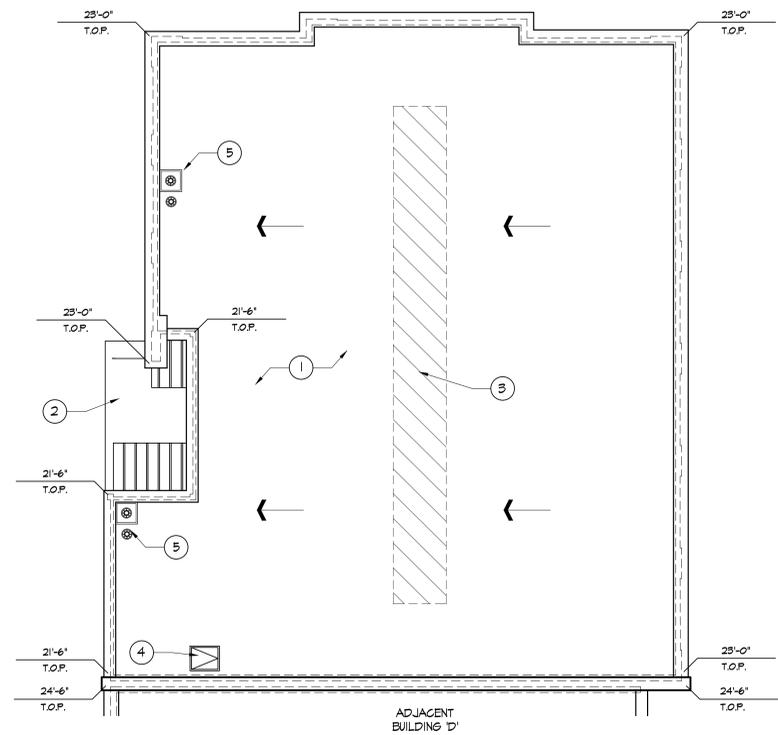
west elevation



east elevation



building 'c' floor plan



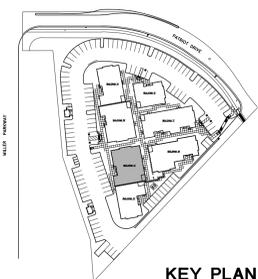
building 'c' roof plan

roof plan keynotes

- 1 CLASS 'A' 60 MIL SARNAFIL G410 ENERGY SMART ROOF MEMBRANE, CAP SHEET COLOR TO BE WHITE OVER 1/2" GEORGIA-PACIFIC DENS DECK ROOF BOARD FRAMING AND SHEATHING PER STRUCTURAL
- 2 CANOPY BELOW
- 3 AREA FOR ROOFTOP MECHANICAL UNITS
- 4 ROOF ACCESS HATCH
- 5 ROOF AND OVERFLOW DRAINS THROUGH ROOF, HOLD TIGHT TO INSIDE FACE OF EXTERIOR WALL AND SPILL OUT AT FACE OF ADJACENT CURB.

roof plan legend

- R.D. ROOF DRAIN SUMP DISCHARGED AT FACE OF CURB
- O.D. OVERFLOW DRAIN DISCHARGED AT FACE OF BUILDING
- ← GENERAL DIRECTION OF DRAINAGE
- AREA FOR ROOFTOP MECHANICAL UNITS, ALL ROOF MOUNTED EQUIPMENT SHALL BE COMPLETELY SCREENED FROM PUBLIC VIEW
- T.O.P. TOP OF PARAPET WALL
- T.O.S. TOP OF ROOF SHEATHING
- XX'-X" BUILDING COMPONENT ELEVATION FROM FINISHED FLOOR

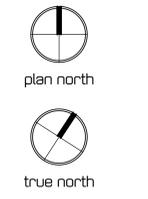


KEY PLAN



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w: pkarchitecture.net

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MOORPARK, CALIFORNIA



building 'c' elevations

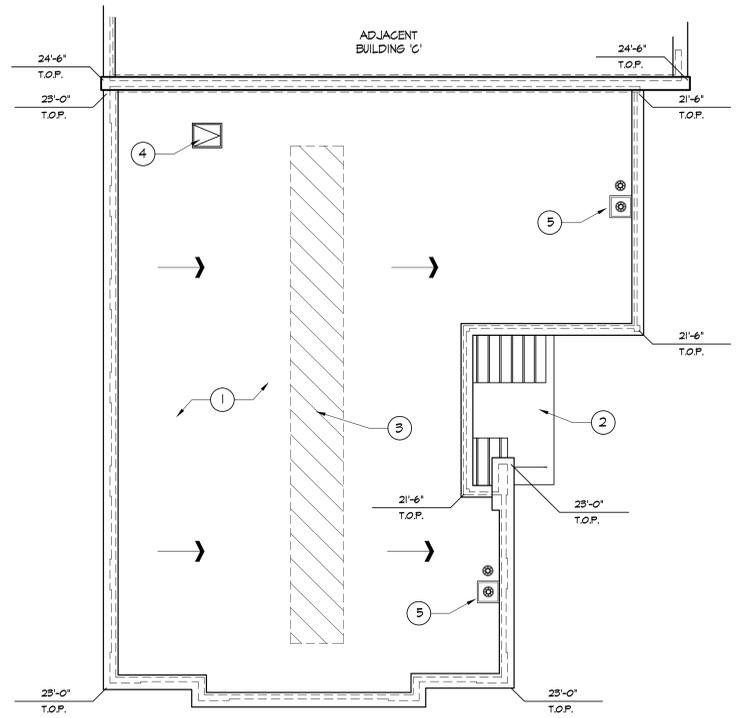
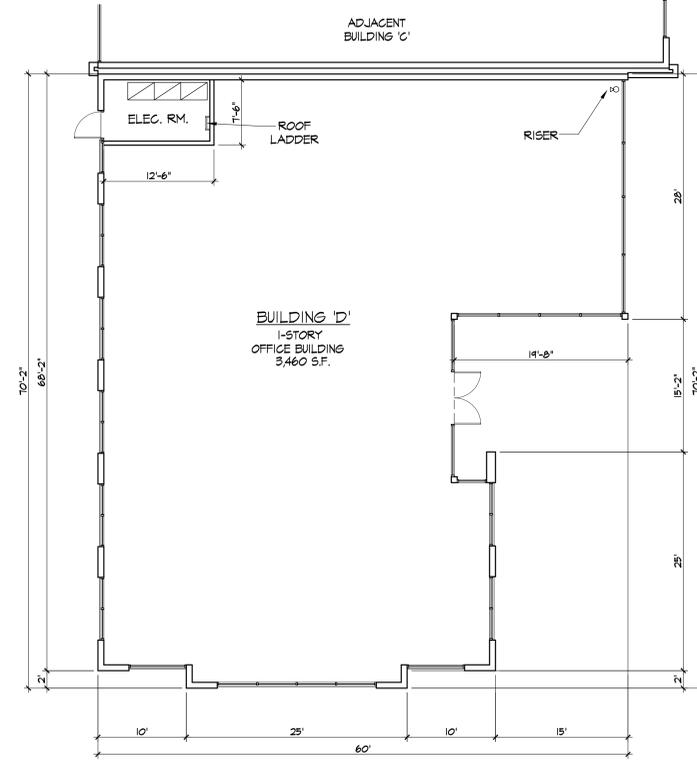
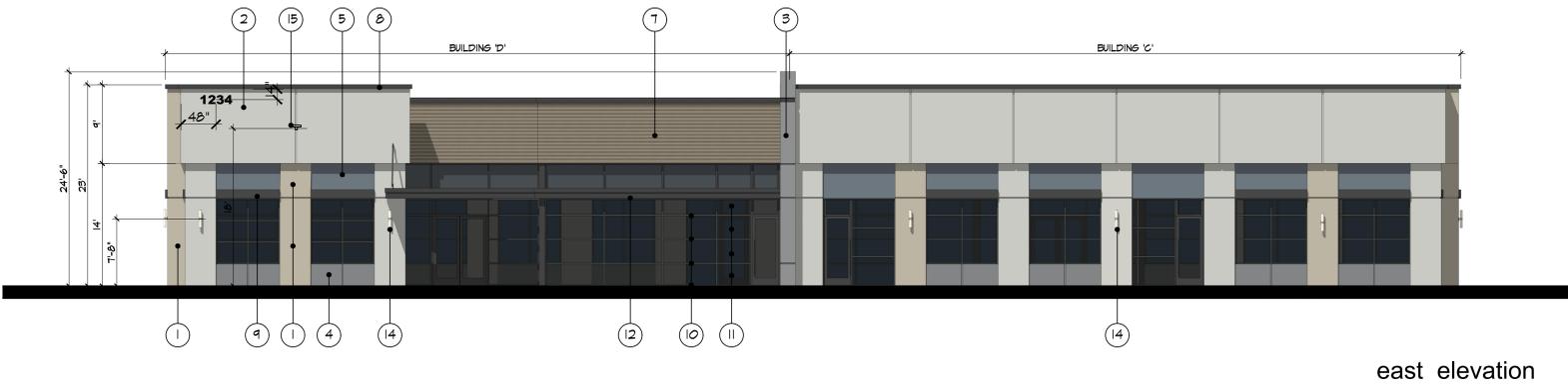
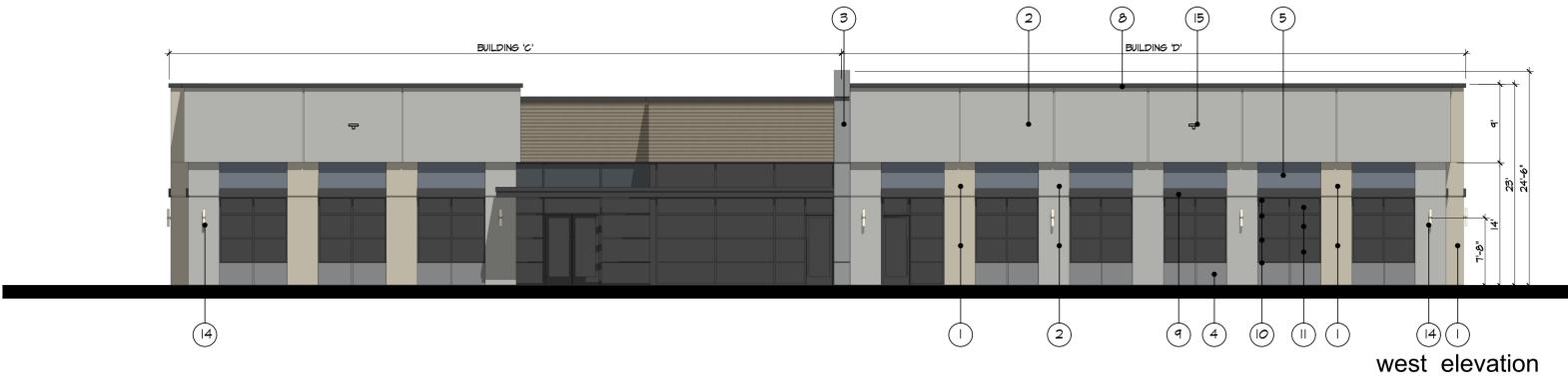
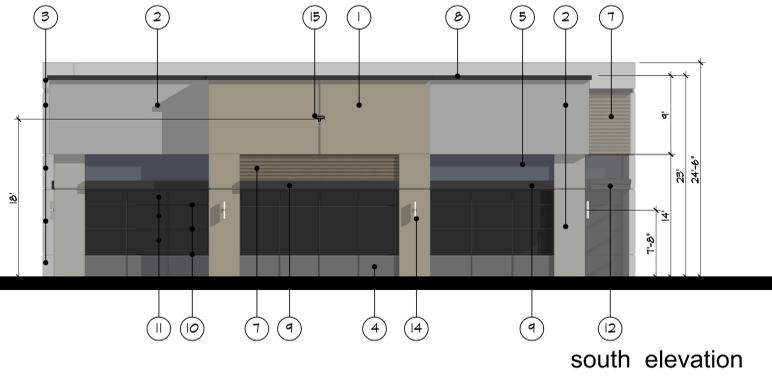
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date: 03/14/2021
job number: 21-3020



exterior materials & colors

- 1 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6221 FLINTSTONE
- 2 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET600 DOLPHIN TALES
- 3 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET612 STIEGLITZ SILVER
- 4 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6362 STORM CLOUD
- 5 SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6341 VULCAN
- 6 ACCENT RECESS SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6350 DARK ENGINE
- 7 ARCHITECTURAL METAL BY "ATAS METAL METAPHOR" COLOR TO BE SIERRA TAN OR EQUAL
- 8 ALUMINUM GOPING PAINT TO MATCH "DUNN EDWARDS" DE6350 DARK ENGINE
- 9 ACCENT BAND ABOVE STOREFRONT SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6351 BLACK TIE
- 10 EXTRUDED ALUMINUM STOREFRONT SYSTEM COLOR TO BE BLACK
- 11 DUAL GLAZED LOW 'E' ENERGY EFFICIENT GREEN TINT GLAZING
- 12 METAL AWNING COLOR TO BE BLACK
- 13 NOT USED
- 14 WALL SCOCNE BY: BROWNLEE LIGHTING - BEAM LED ADA - MODEL T11 - 54" BZ FINISH TO BE WHITE - REFER TO DETAIL p/q2.4 FOR FIXTURE MOUNTING
- 15 WALL MOUNTED EXTERIOR LIGHT FIXTURE BY: LITHONIA LIGHTING - MODEL DSX0 LED FINISH TO BE BLACK - REFER TO DETAIL q/op2.4 FOR FIXTURE MOUNTING



roof plan keynotes

- 1 CLASS 'A' 60 MIL SARNAFIL G410 ENERGY SMART ROOF MEMBRANE, CAP SHEET COLOR TO BE WHITE OVER 1/2" GEORGIA-PACIFIC DENS DECK ROOF BOARD FRAMING AND SHEATHING PER STRUCTURAL
- 2 CANOPY BELOW
- 3 AREA FOR ROOFTOP MECHANICAL UNITS
- 4 ROOF ACCESS HATCH
- 5 ROOF AND OVERFLOW DRAINS THROUGH ROOF. HOLD TIGHT TO INSIDE FACE OF EXTERIOR WALL AND SPILL OUT AT FACE OF ADJACENT CURB.

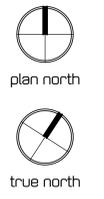
roof plan legend

- R.D. ROOF DRAIN SUMP DISCHARGED AT FACE OF CURB
- O.D. OVERFLOW DRAIN DISCHARGED AT FACE OF BUILDING
- ← GENERAL DIRECTION OF DRAINAGE
- AREA FOR ROOFTOP MECHANICAL UNITS, ALL ROOF MOUNTED EQUIPMENT SHALL BE COMPLETELY SCREENED FROM PUBLIC VIEW
- T.O.P. TOP OF PARAPET WALL
- T.O.S. TOP OF ROOF SHEATHING
- XX'-X" BUILDING COMPONENT ELEVATION FROM FINISHED FLOOR



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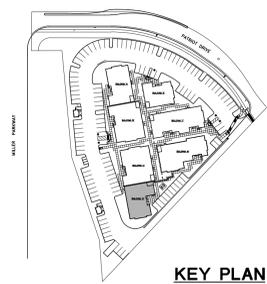
PATRIOT PROFESSIONAL PLAZA
PATRIOT DRIVE
MOORPARK, CALIFORNIA



building 'd' elevations

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date: 03/14/2021
job number: 21-3020

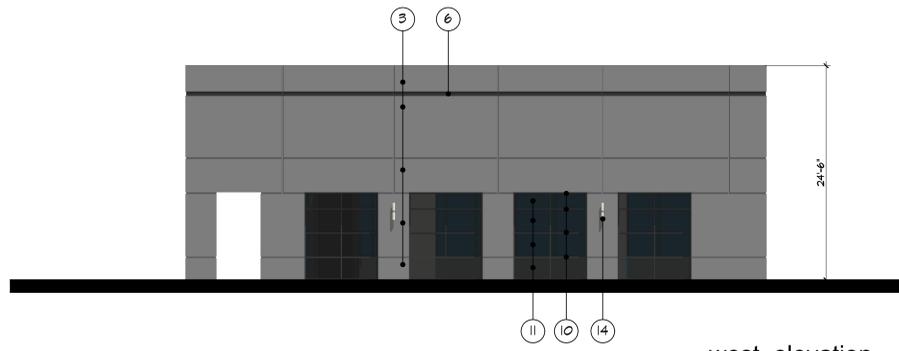


exterior materials & colors

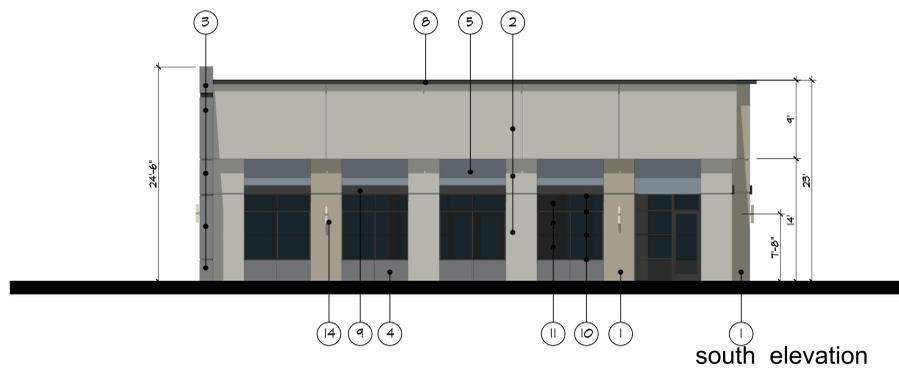
- ① SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6221 FLINTSTONE
- ② SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET600 DOLPHIN TALES
- ③ SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET612 STIEGLITZ SILVER
- ④ SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6362 STORM CLOUD
- ⑤ SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6541 VULCAN
- ⑥ ACCENT RECESS SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6350 DARK ENGINE
- ⑦ ARCHITECTURAL METAL BY "ATAS METAL METAPHOR" COLOR TO BE SIERRA TAN OR EQUAL
- ⑧ ALUMINUM COPING, PAINT TO MATCH "DUNN EDWARDS" DE6350 DARK ENGINE
- ⑨ ACCENT BAND ABOVE STOREFRONT SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6357 BLACK TIE
- ⑩ EXTRUDED ALUMINUM STOREFRONT SYSTEM, COLOR TO BE BLACK
- ⑪ DUAL GLAZED LOW E ENERGY EFFICIENT GREEN TINT GLAZING
- ⑫ METAL ANNING COLOR TO BE BLACK
- ⑬ NOT USED
- ⑭ WALL SCONCE BY: BROWNLEE LIGHTING - BEAM LED ADA - MODEL T111 - 34" BZ FINISH TO BE WHITE - REFER TO DETAIL p/624 FOR FIXTURE MOUNTING
- ⑮ WALL MOUNTED EXTERIOR LIGHT FIXTURE BY: LITHONIA LIGHTING - MODEL DSXO LED FINISH TO BE BLACK - REFER TO DETAIL q/op2.4 FOR FIXTURE MOUNTING



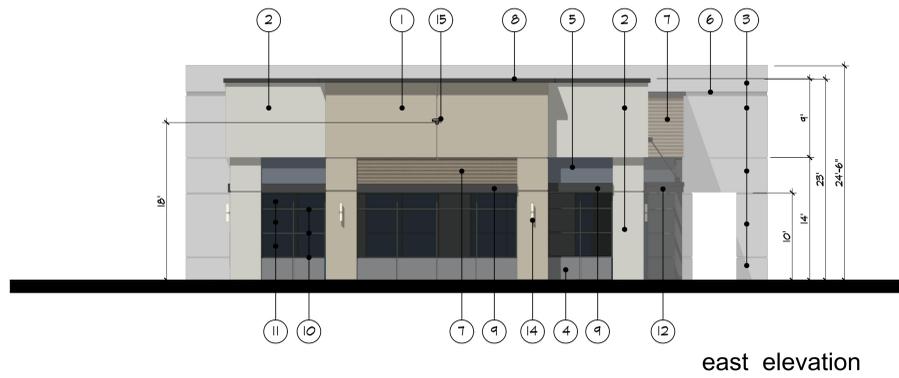
north elevation



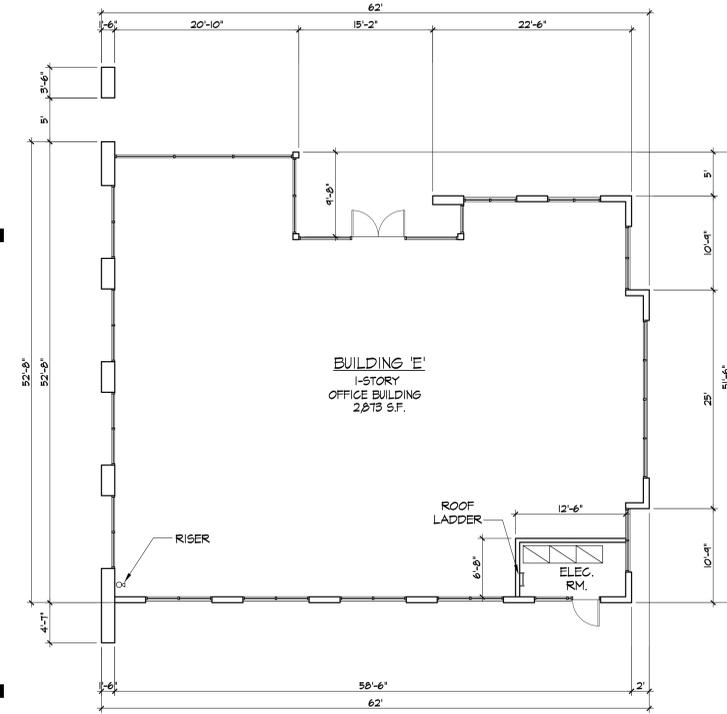
west elevation



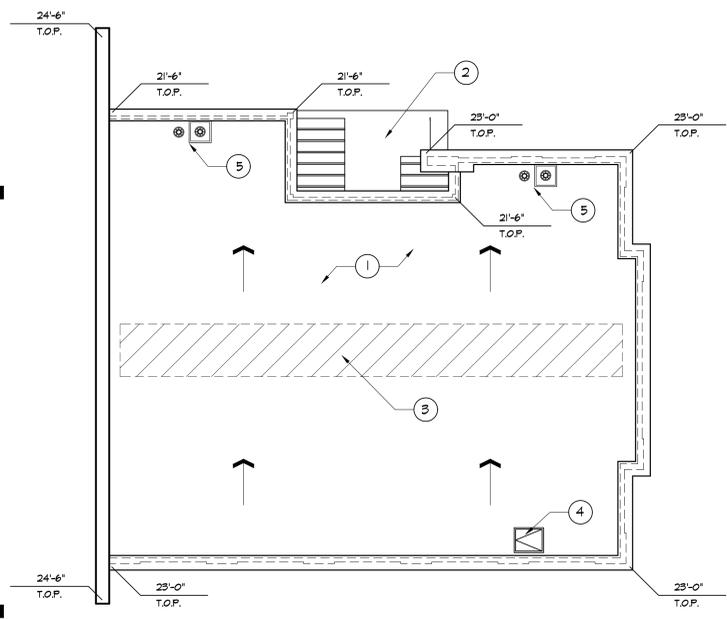
south elevation



east elevation



building 'e' floor plan



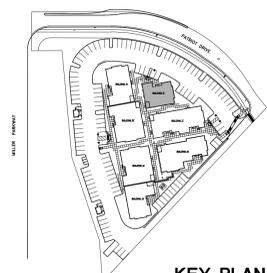
building 'e' roof plan

roof plan keynotes

- ① CLASS 'A' 60 MIL SARNAFIL G410 ENERGY SMART ROOF MEMBRANE, CAP SHEET COLOR TO BE WHITE OVER 1/2" GEORGIA-PACIFIC DENS DECK ROOF BOARD FRAMING AND SHEATHING PER STRUCTURAL
- ② CANOPY BELOW
- ③ AREA FOR ROOFTOP MECHANICAL UNITS
- ④ ROOF ACCESS HATCH
- ⑤ ROOF AND OVERFLOW DRAINS THROUGH ROOF, HOLD TIGHT TO INSIDE FACE OF EXTERIOR WALL AND SPILL OUT AT FACE OF ADJACENT CURB.

roof plan legend

- ⊗ R.D. ROOF DRAIN SUMP DISCHARGED AT FACE OF CURB
- ⊗ O.D. OVERFLOW DRAIN DISCHARGED AT FACE OF BUILDING
- ← GENERAL DIRECTION OF DRAINAGE
- ▨ AREA FOR ROOFTOP MECHANICAL UNITS, ALL ROOF MOUNTED EQUIPMENT SHALL BE COMPLETELY SCREENED FROM PUBLIC VIEW
- T.O.P. TOP OF PARAPET WALL
- T.O.S. TOP OF ROOF SHEATHING
- XX'-X" BUILDING COMPONENT ELEVATION FROM FINISHED FLOOR

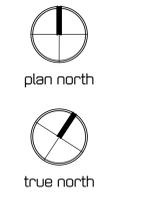


KEY PLAN



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building 'e' elevations

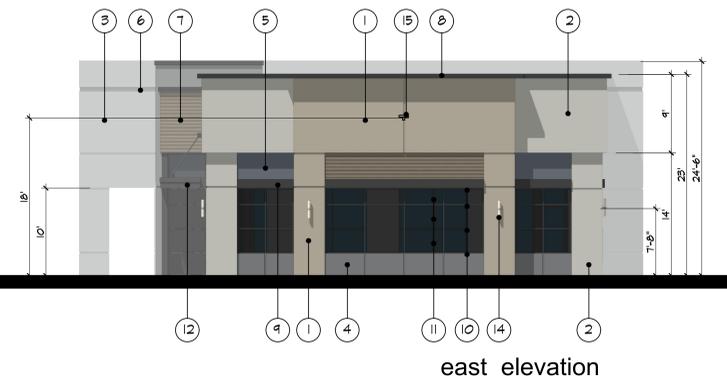
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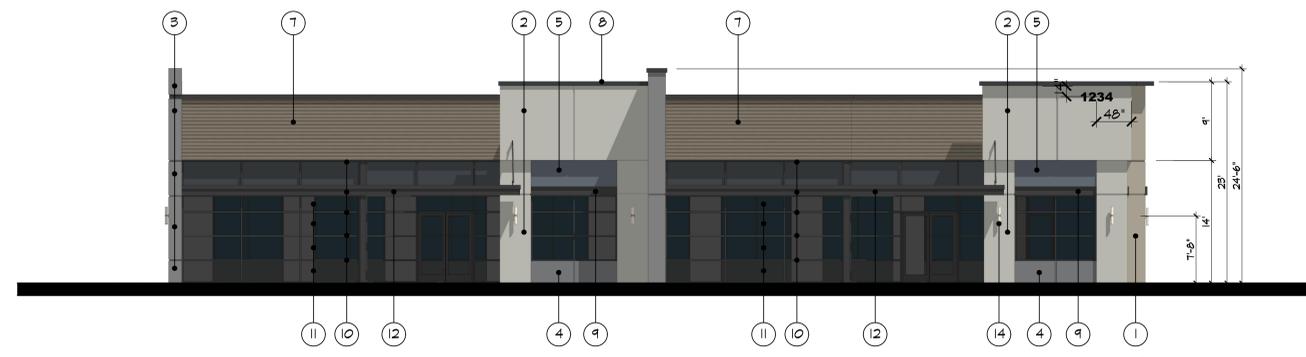


exterior materials & colors

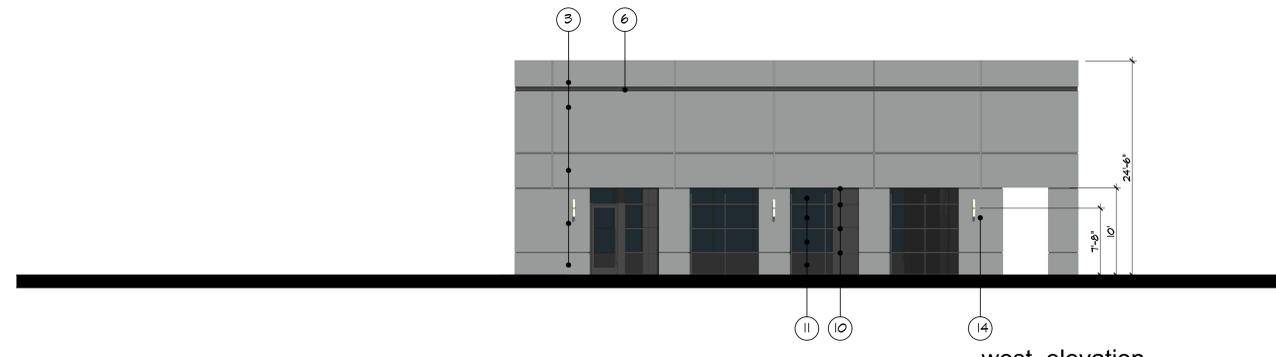
- ① SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROKEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6221 FLINTSTONE
- ② SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROKEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET600 DOLPHIN TALE
- ③ SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROKEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET612 STIEGLITZ SILVER
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- ⑥ ACCENT RECESS SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROKEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6350 DARK ENGINE
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- ⑨ ACCENT BAND ABOVE STOREFRONT SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROKEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6351 BLACK TIE
- ⑩ EXTRUDED ALUMINUM STOREFRONT SYSTEM, COLOR TO BE BLACK
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- ⑫ METAL AWNING COLOR TO BE BLACK
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- ⑮ WALL MOUNTED EXTERIOR LIGHT FIXTURE BY: LITHONIA LIGHTING - MODEL DSXO LED FINISH TO BE BLACK - REFER TO DETAIL q/02.4 FOR FIXTURE MOUNTING



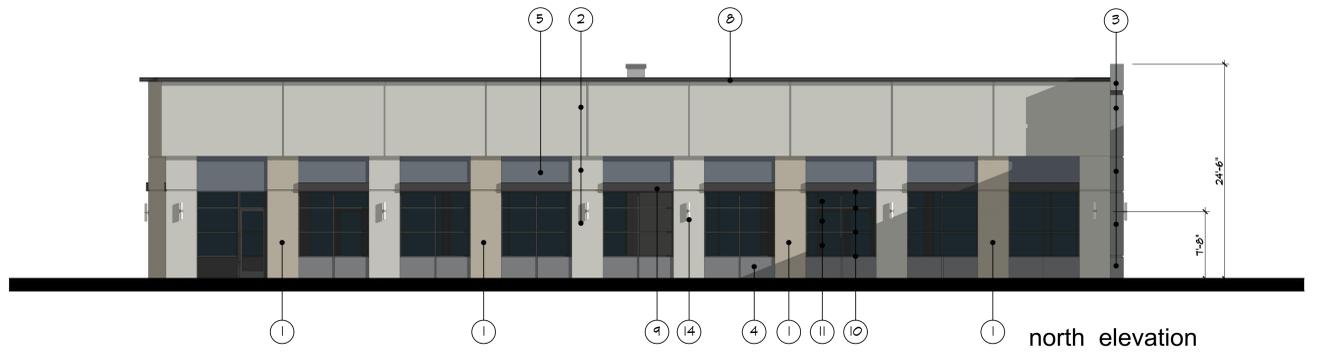
east elevation



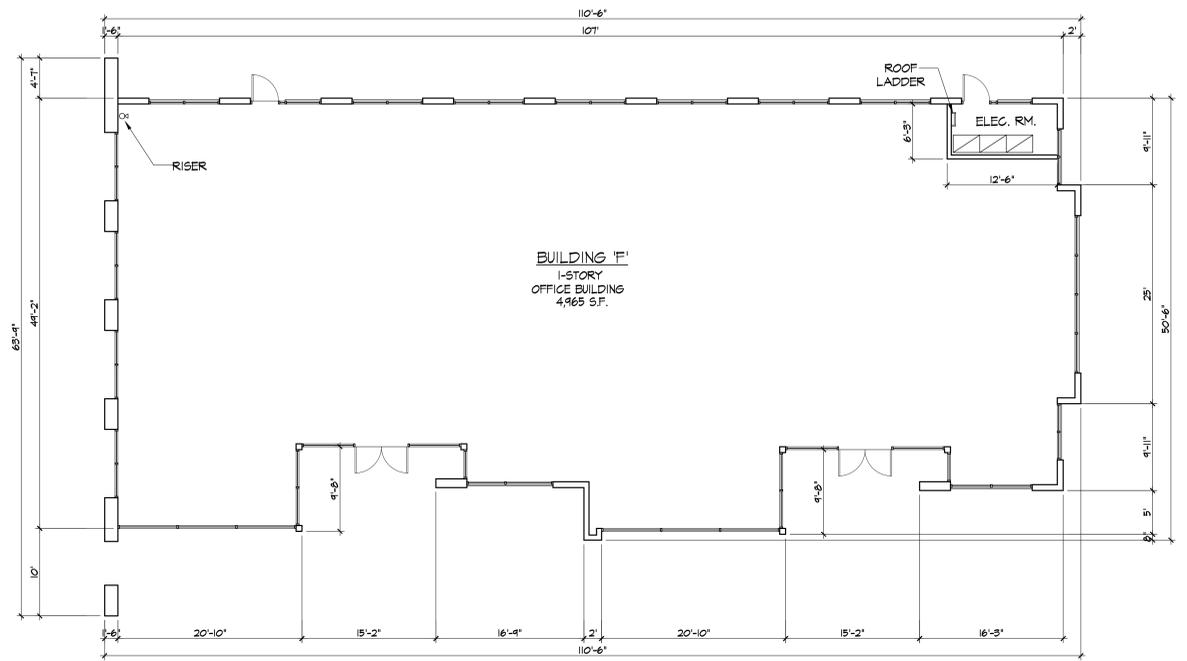
south elevation



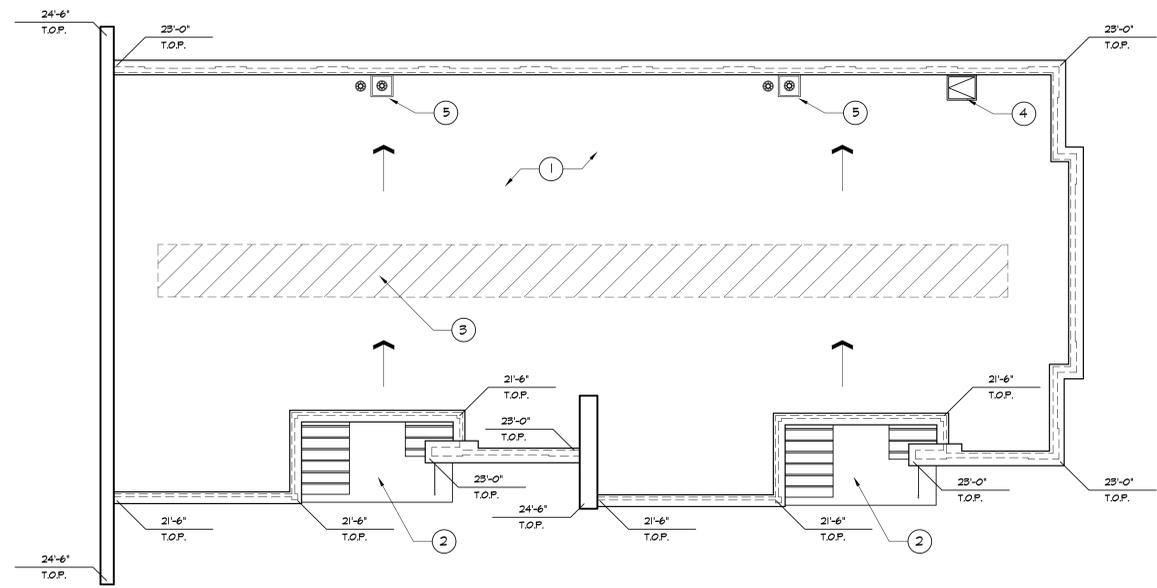
west elevation



north elevation



building 'f' floor plan

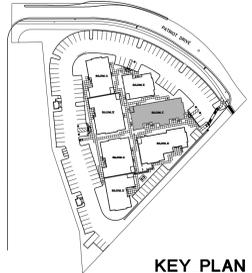


roof plan legend

- ⊗ R.D. ROOF DRAIN SUMP DISCHARGED AT FACE OF CURB
- ⊙ O.D. OVERFLOW DRAIN DISCHARGED AT FACE OF BUILDING
- ← GENERAL DIRECTION OF DRAINAGE
- ▨ AREA FOR ROOFTOP MECHANICAL UNITS. ALL ROOF MOUNTED EQUIPMENT SHALL BE COMPLETELY SCREENED FROM PUBLIC VIEW
- T.O.P. TOP OF PARAPET WALL
- T.O.S. TOP OF ROOF SHEATHING
- XX'-X" BUILDING COMPONENT ELEVATION FROM FINISHED FLOOR

roof plan keynotes

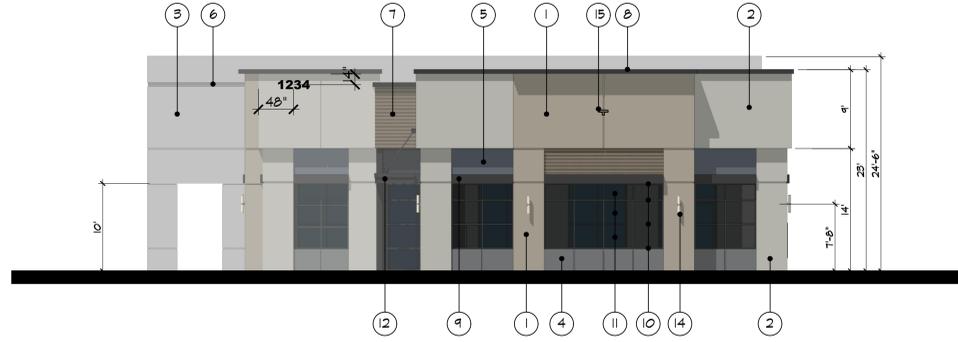
- ① CLASS 'A' 60 ML SARNAFIL 6410 ENERGY SMART ROOF MEMBRANE, GAP SHEET COLOR TO BE WHITE OVER 1/2" GEORGIA-PACIFIC DENS DECK ROOF BOARD FRAMING AND SHEATHING PER STRUCTURAL
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- ③ AREA FOR ROOFTOP MECHANICAL UNITS
- ④ ROOF ACCESS HATCH
- ⑤ ROOF AND OVERFLOW DRAINS THROUGH ROOF, HOLD TIGHT TO INSIDE FACE OF EXTERIOR WALL AND SPILL OUT AT FACE OF ADJACENT CURB.



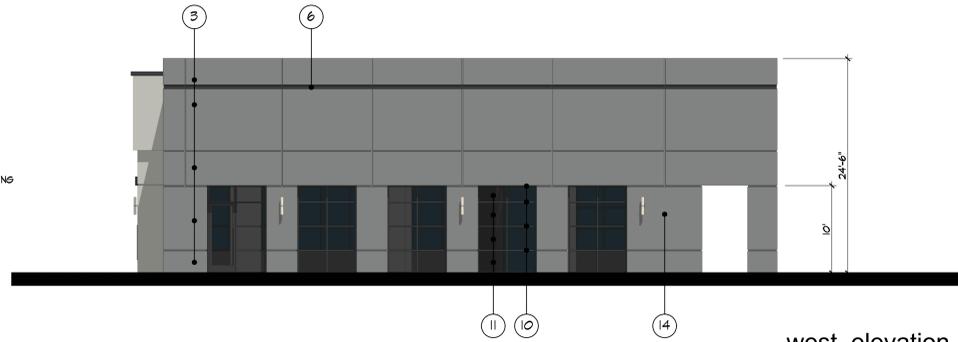
building 'f' roof plan

exterior materials & colors

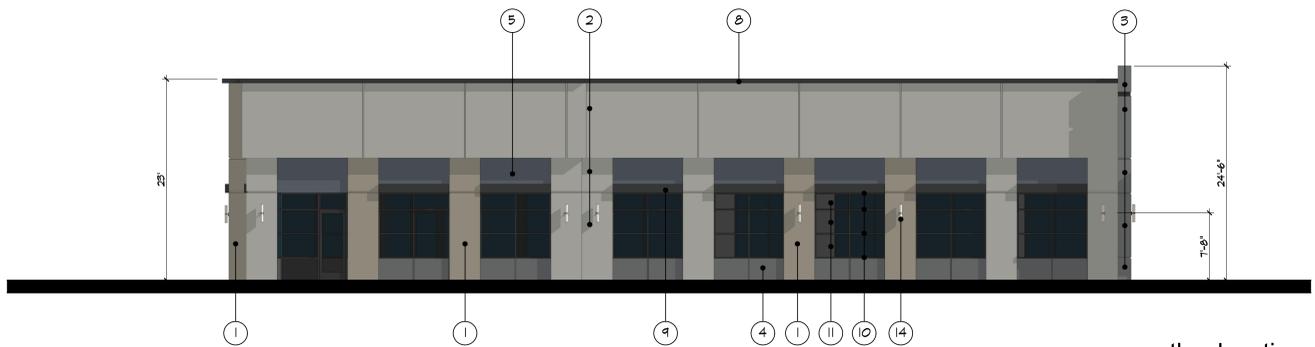
- ① SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6221 FLINTSTONE
- ② SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET600 DOLPHIN TALES
- ③ SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET612 STIEGLITZ SILVER
- ④ SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6362 STORM CLOUD
- ⑤ SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6341 VULCAN
- ⑥ ACCENT RECESS SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6350 DARK ENGINE
- ⑦ ARCHITECTURAL METAL BY "ATAS METAL METAPHOR" COLOR TO BE SIERRA TAN OR EQUAL
- ⑧ ALUMINUM COPING PAINT TO MATCH "DUNN EDWARDS" DE6350 DARK ENGINE
- ⑨ ACCENT BAND ABOVE STOREFRONT SENTRY STUCCO WALL SYSTEM BY "SENERGY" HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6351 BLACK TIE
- ⑩ EXTRUDED ALUMINUM STOREFRONT SYSTEM COLOR TO BE BLACK
- ⑪ DUAL GLAZED LOW E ENERGY EFFICIENT GREEN TINT GLAZING
- ⑫ METAL AWNING COLOR TO BE BLACK
- ⑬ NOT USED
- ⑭ WALL SCONCE BY: BROWNLEE LIGHTING - BEAM LED ADA - MODEL T111 - 54" BZ FINISH TO BE WHITE - REFER TO DETAIL p/a2.4 FOR FIXTURE MOUNTING
- ⑮ WALL MOUNTED EXTERIOR LIGHT FIXTURE BY: LITHONIA LIGHTING - MODEL DSK0 LED FINISH TO BE BLACK - REFER TO DETAIL q/q2.4 FOR FIXTURE MOUNTING



east elevation



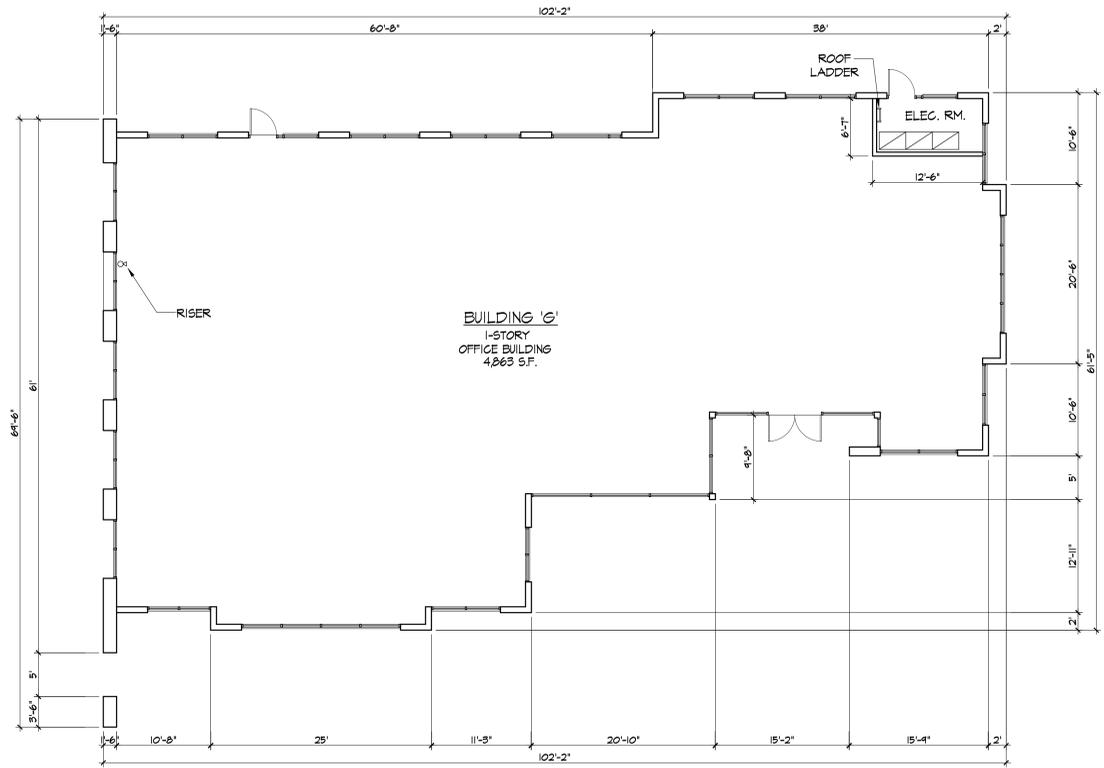
west elevation



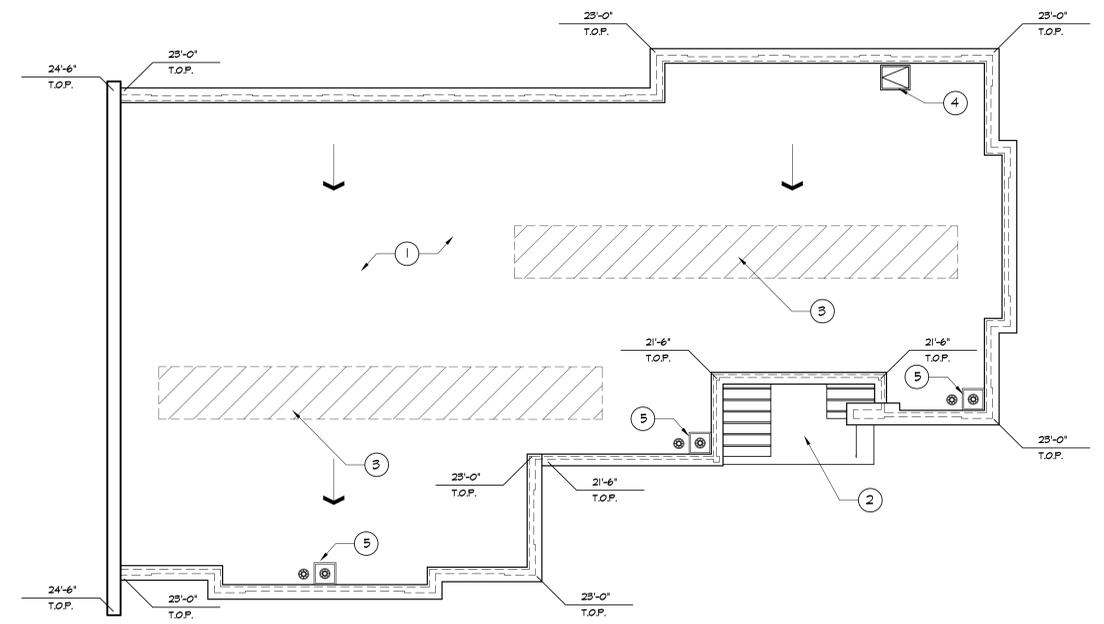
north elevation



south elevation



building 'g' floor plan



roof plan legend

- ⊕ R.D. ROOF DRAIN SUMP DISCHARGED AT FACE OF CURB
- ⊕ O.D. OVERFLOW DRAIN DISCHARGED AT FACE OF BUILDING
- ← GENERAL DIRECTION OF DRAINAGE
- ▨ AREA FOR ROOFTOP MECHANICAL UNITS, ALL ROOF MOUNTED EQUIPMENT SHALL BE COMPLETELY SCREENED FROM PUBLIC VIEW
- T.O.P. TOP OF PARAPET WALL
- T.O.S. TOP OF ROOF SHEATHING
- xx'-x" BUILDING COMPONENT ELEVATION FROM FINISHED FLOOR

roof plan keynotes

- ① CLASS 'A' 60 MIL BARNAPIL 6410 ENERGY SMART ROOF MEMBRANE, CAP SHEET COLOR TO BE WHITE OVER 1/2" GEORGIA-PACIFIC DENS DECK ROOF BOARD FRAMING AND SHEATHING PER STRUCTURAL
- ② CANOPY BELOW
- ③ AREA FOR ROOFTOP MECHANICAL UNITS
- ④ ROOF ACCESS HATCH
- ⑤ ROOF AND OVERFLOW DRAINS THROUGH ROOF, HOLD TIGHT TO INSIDE FACE OF EXTERIOR WALL AND SPILL OUT AT FACE OF ADJACENT CURB.



KEY PLAN

building 'g' roof plan

PATRIOT PROFESSIONAL PLAZA
 PATRIOT DRIVE
 MOORPARK CALIFORNIA



29619 agoura road
 agoura hills, california, 91301
 t: 818.564.0057 f: 866.800.1289
 w: pkarchitecture.net

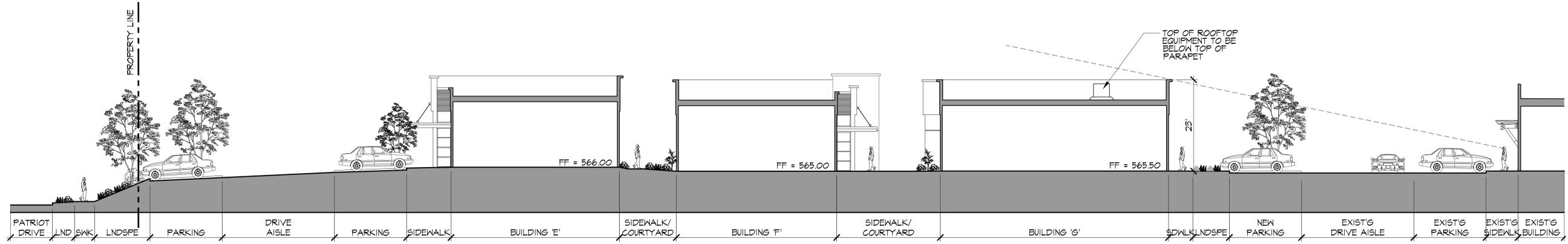


building 'g' elevations

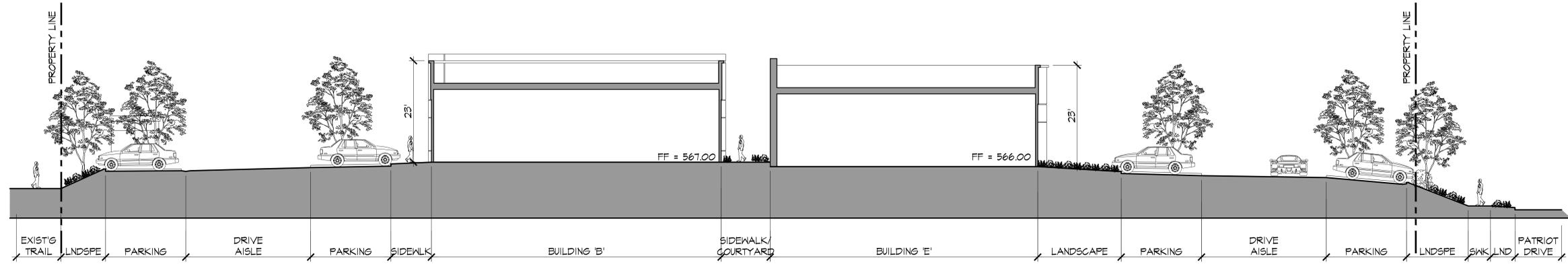
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date: 03/14/2021
 job number: 21-3020





site section (A)



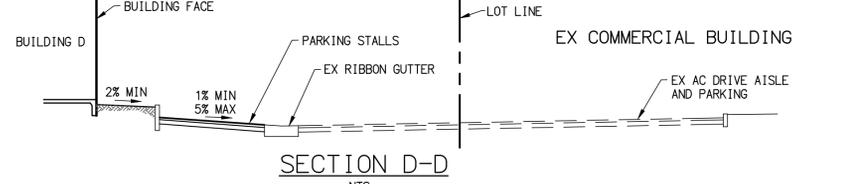
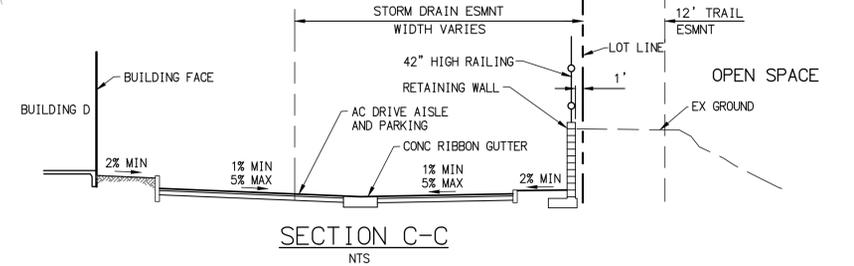
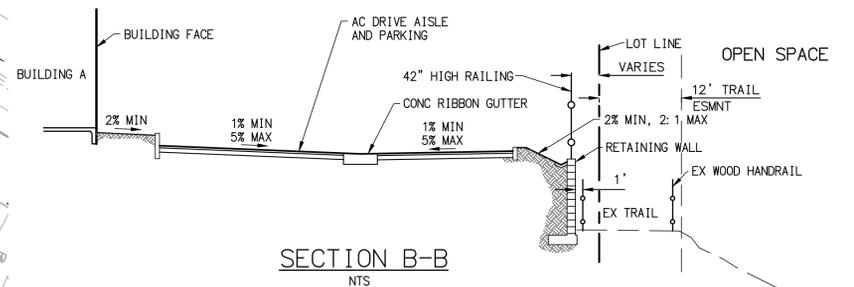
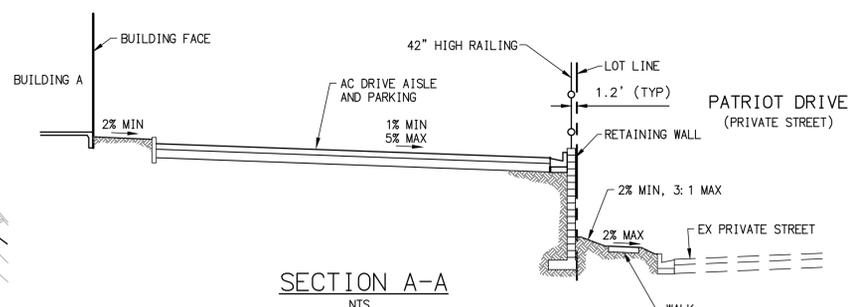
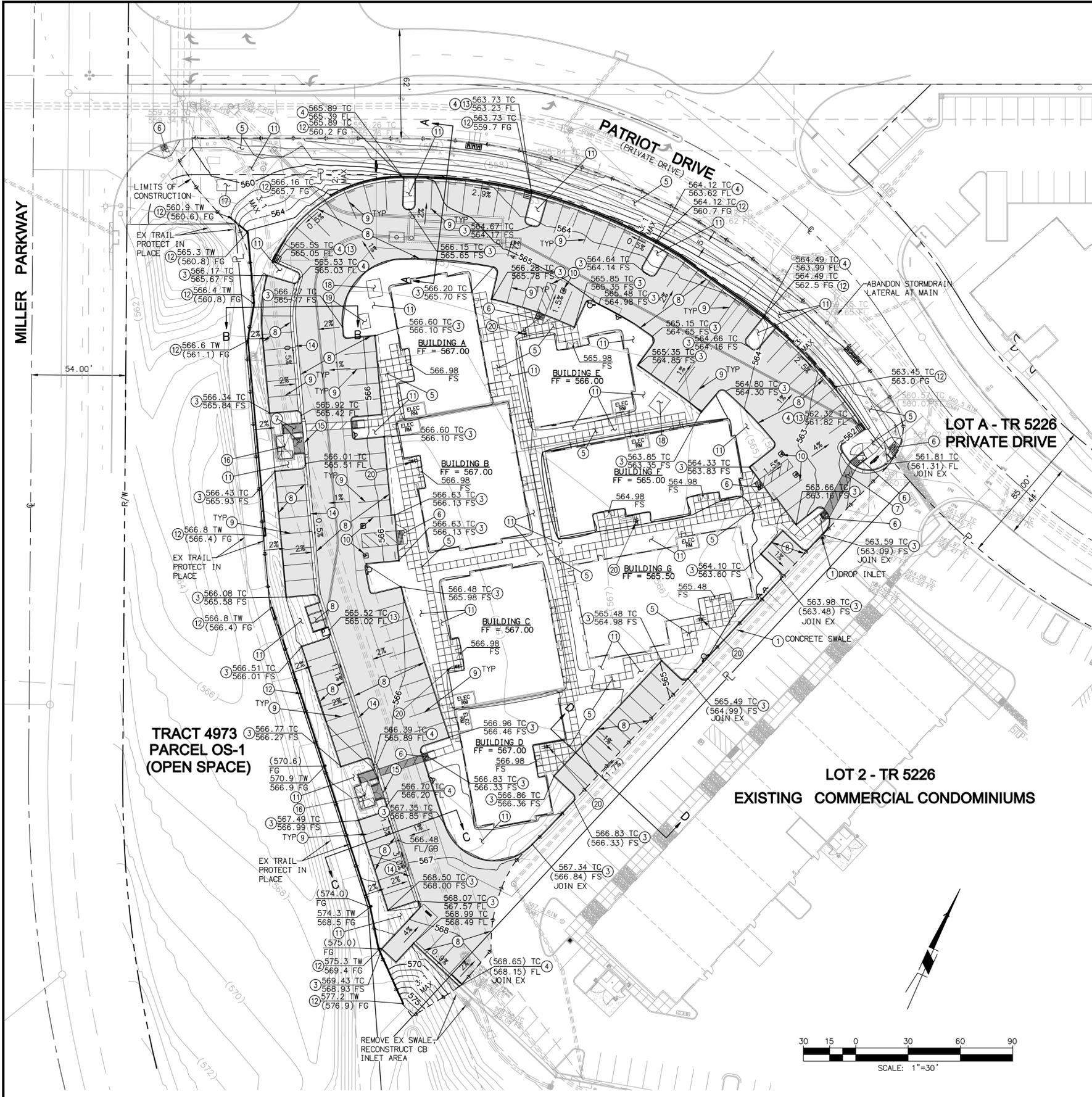
site section (B)

PATRIOT PROFESSIONAL PLAZA
PATRIOT DRIVE
MOORPARK CALIFORNIA

site sections and
line of sight
scale: as noted

CONSTRUCTION NOTES

- ① PROTECT IN PLACE
- ③ CONCRETE CURB
- ④ CONCRETE CURB AND GUTTER
- ⑤ CONCRETE SIDEWALK
- ⑥ CURB RAMP
- ⑦ CONCRETE PAVEMENT
- ⑧ AC PAVEMENT
- ⑨ STANDARD PARKING STALL STRIPING
- ⑩ ACCESSIBLE PARKING STALL STRIPING
- ⑪ LANDSCAPING
- ⑫ RETAINING WALL
- ⑬ CURB OPENING CATCH BASIN
- ⑭ RIBBON GUTTER
- ⑮ RIBBON GUTTER TRANSITION FOR ADA
- ⑯ TRASH ENCLOSURE
- ⑰ SCE PME STRUCTURE (IF REQUIRED)
- ⑱ SCE TRANSFORMER
- ⑲ SCE VAULT
- ⑳ BIKE RACK



REVISION #	SYMBOL	DESCRIPTION OF CHANGE	APPROVED	DATE

PREPARED BY:
DELANE ENGINEERING
 2015 SANTA ANITA BLVD., SUITE 206
 SANTA ANITA, CA 95051
 PHONE: 310.541.5171 WWW.DELANEENGINEERING.COM

SCOTT D. UHLES

CITY OF MOORPARK APPROVAL

REVIEWED BY	DATE	DANIEL KIM, PE	DATE	RCE NO.	EXP DATE
		CITY ENGINEER			

**ENGINEERED SITE PLAN
FOR
PATRIOT PROFESSIONAL CENTER**

SHEET 2 OF 2

SAVE DATE: 4/21/22 DEBBETALAMANTES

PLOT DATE: 4/22/22 7:42 AM FILE NAME: C:\USERS\DEBBETALAMANTES\ENGINEERING\PROJECTS\DATA\01032824\CAD\DWG\ENTIRE\ENH\TIN\324-TIN-02.DWG

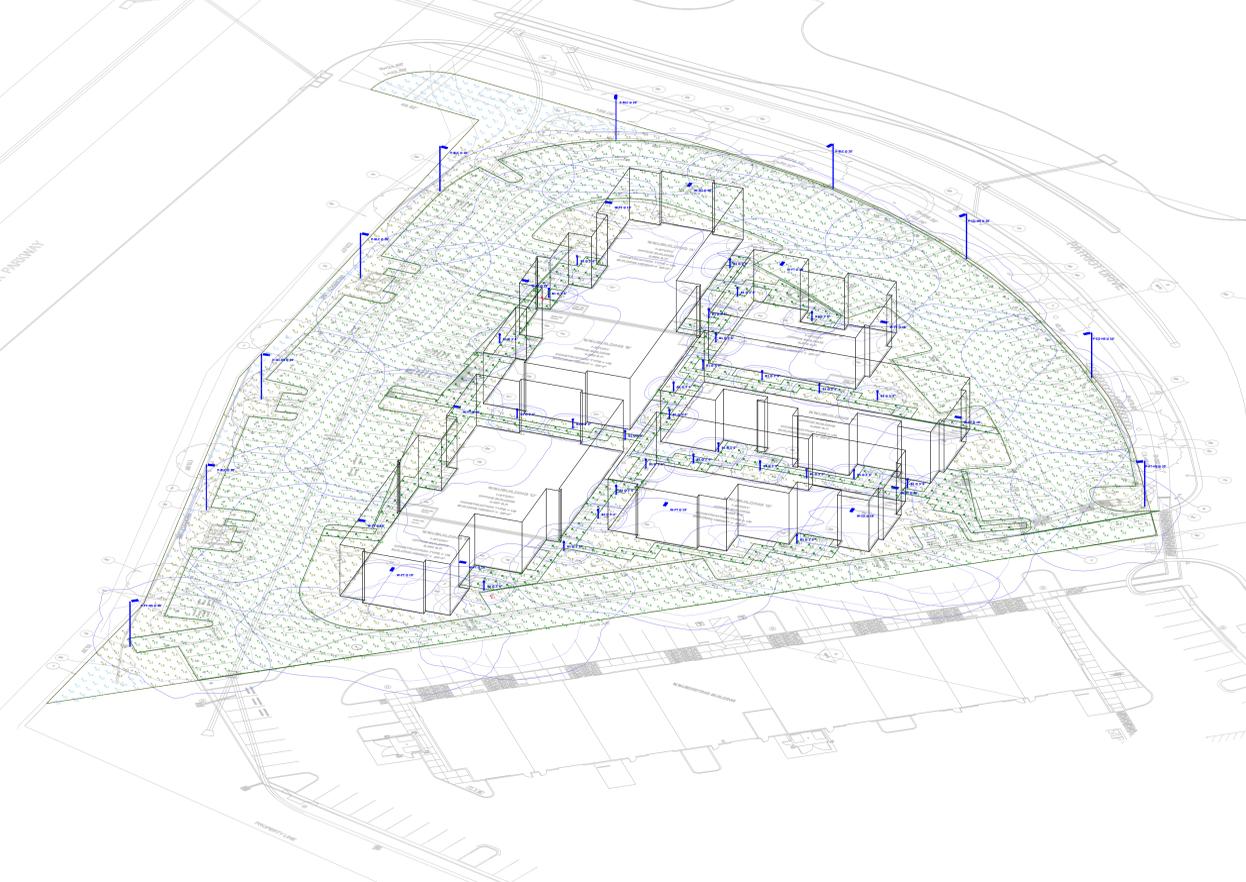


Plan View
Scale: 1" = 25'

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking - Ground @ 0'AFF	+	3.2 fc	8.7 fc	1.0 fc	8.7:1	3.2:1
Site (Site Interior & Outside of Parking) - Ground @ 0'AFF	+	2.8 fc	9.6 fc	0.0 fc	N/A	N/A
Pathway - Ground @ 0'AFF	X	3.4 fc	9.6 fc	0.4 fc	24.0:1	8.5:1

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Lumens Per Luminaire	Light Loss Factor	Wattage	Filename	Distribution	Plot
	B1	29	Lithonia Lighting	KBR8 LED 16C 350-40K SYM MVOLT	KBR8 WITH 4 LIGHT BOARDS (16 LEDs), 350mA DRIVER, 4000K COLOR TEMP. AND SYMMETRIC OPTIC	LED	1116	0.9	20	KBR8_LED_16C_350_40K_SYM_MVOLT.ies		
	P-BLC	5	Lithonia Lighting	DSX0 LED P5 40K BLC MVOLT	DSX0 LED P5 40K BLC MVOLT	LED	9576	0.9	89	DSX0_LED_P5_40K_BLC_MVOLT.ies		
	P-FT-HS	2	Lithonia Lighting	DSX0 LED P5 40K TFFM MVOLT HS	DSX0 LED P5 40K TFFM MVOLT with houside shield	LED	9119	0.9	89	DSX0_LED_P5_40K_TFFM_MVOLT_HS.ies		
	P-III-HS	3	Lithonia Lighting	DSX0 LED P5 40K T3M MVOLT HS	DSX0 LED P5 40K T3M MVOLT with houside shield	LED	9194	0.9	89	DSX0_LED_P5_40K_T3M_MVOLT_HS.ies	TYPE III, SHORT, BUG RATING: B1 - U0 - G2	
	W-FT	11	Lithonia Lighting	DSX0 LED P7 40K TFFM MVOLT WBA	DSX0 LED P7 40K TFFM MVOLT	LED	18356	0.9	166	DSX0_LED_P7_40K_TFFM_MVOLT.ies	TYPE IV, SHORT, BUG RATING: B3 - U0 - G4	
	W-III	2	Lithonia Lighting	DSX0 LED P7 40K T3M MVOLT WBA	DSX0 LED P7 40K T3M MVOLT	LED	17831	0.9	166	DSX0_LED_P7_40K_T3M_MVOLT.ies	TYPE III, MEDIUM, BUG RATING: B3 - U0 - G3	

- Note**
1. Reflectances: N/A (Exterior, Direct Component Only) - To be verified by others
 2. Building Height: 23'-0" AFF typical (Approximate) - To be verified by others
 3. Fixture Mounting Height: As Noted on Plan - To be verified by others (Mounting Height = Pole + Base)
 4. Calculation points are 5' x 5' typical on center spacing at height indicated in Statistics
 5. Landscaping, vehicles, curb, equipment, partitions, stairs, slope and other obstructions are not included in the calculation results unless drawn in model. The shadowing effect of landscaping or handscaping features is not included in the results.
 6. The model numbers in the Luminaire Schedule below may vary from the Architectural/Engineering Fixture Schedule due to the availability of IES files. Refer to Architectural/Engineering Fixture Schedule for the complete specification and model number.
 7. Luminaire data is obtained according to IES procedures under laboratory conditions. Field results may differ from computer model due to many factors including but not limited to ambient temperature, line voltage variations, installation, reflectances, and other site specific conditions.
 8. This lighting photometric study is not a substitute for an independent engineering analysis and the co-ordination of lighting system suitability, fixture placement, fixture selection and safety to comply with local building codes and project programming.



South East View

PRELIMINARY LANDSCAPE PLANS FOR PATRIOT PROFESSIONAL PLAZA PATRIOT DRIVE MOORPARK, CA 93201

VICINITY MAP



SHEET INDEX:

- L-1 COVER SHEET
- L-2 PRELIMINARY LANDSCAPE PLAN
- L-3 PLANT PHOTOS
- S-1 SHADE PLAN

REVISIONS		
NO.	DATE	DESCRIPTION

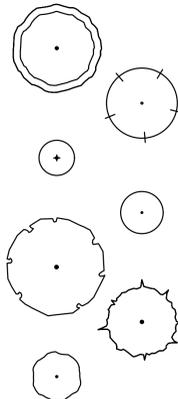
CLIENT
Martin Teitelbaum
569 Constitution Ave. Suite H
Camarillo, CA 93012

SHEET TITLE
COVER

PROJECT
Patriot Professional Plaza
Patriot Drive
Moorpark, CA

DRAWN: ML
PRINTED: 01-10-22
PRINTED: 03-29-22

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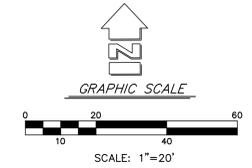
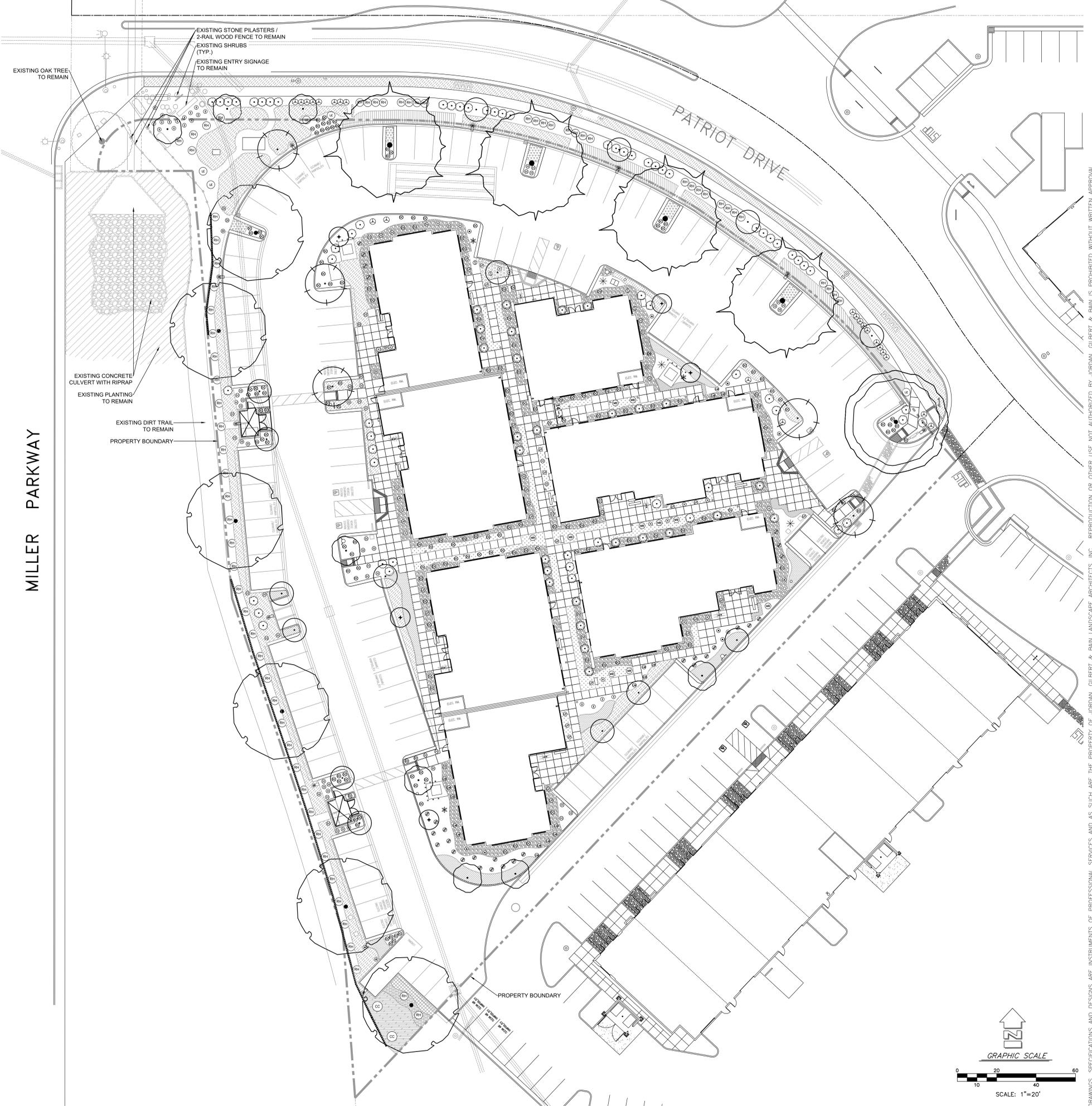
TREE LEGEND			
BOTANICAL NAME	COMMON NAME	WUCOLS	SIZE
CINNAMOMUM CAMPHORA	CAMPHOR TREE	M	36" BOX
CERCIS OCCIDENTALIS	WESTERN REDBUD	L	24" BOX
LAGERSTROEMIA INDICA 'ARAPAHO'	ARAPAHO CRAPE MYRTLE	M	24" BOX
LAGERSTROEMIA INDICA 'MUSKOGEE'	MUSKOGEE CRAPE MYRTLE	M	24" BOX
PISTACIA CHINENSIS	CHINESE PISTACHE	M	36" BOX
PLATANUS ACERIFOLIA 'BLOODGOOD'	BLOODGOOD LONDON PLANE TREE	M	36" BOX
PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER FLOWERING PEAR	M	24" BOX

SHRUB LEGEND			
BOTANICAL NAME COMMON NAME	WUCOLS	SIZE	
* AGAVE SPP. AGAVE	L	5 GAL	
⊙ AGAPANTHUS SPP. LILY OF THE NILE	M	5 GAL	
▨ CAREX DIVULSA BERKELEY SEDGE @ 4'-0"	L	1 GAL	
▨ CAREX GLAUCA BLUE SEDGE @ 4'-0"	M	1 GAL	
⊙ CEANOTHUS x 'CONCHA' CALIFORNIA LILAC	L	5 GAL	
⊙ DIANELLA CAERULEA 'CASSA BLUE' CASSA BLUE FLAX LILY	M	5 GAL	
⊙ DIANELLA REVOLUTA 'LITTLE REV' LITTLE REV FLAX LILY	L	5 GAL	
⊙ DIANELLA TASMANICA 'VARIEGATA' WHITE STRIPED TASMAN FLAX LILY	M	5 GAL	
⊙ DIETES IRIDIODES FORTNIGHT LILY	M	5 GAL	
⊙ HEMEROCALLIS HYBRIDS DAYLILY	M	5 GAL	
⊙ KNIPHOFIA UVARIA RED HOT POKER	M	5 GAL	
⊙ LEUCODENDRON x 'SAFARI GOLD STRIKE' SAFARI CONEBUSH	L	15 GAL	
⊙ LIMONIUM PEREZII SEA LAVENDER	M	5 GAL	
⊙ LIRIOPE MUSCARI BLUE LILY TURF	M	5 GAL	
▨ MUHLENBERGIA RIGENS DEER GRASS @ 60° C.	M	5 GAL	
⊙ MYRICA CALIFORNICA PACIFIC WAX MYRTLE	L	5 GAL	
⊙ OLEA EUROPEA 'LITTLE OLLIE' LITTLE OLLIE DWARF OLIVE	M	5 GAL	
⊙ FENSTEMON x 'HETER. MARGARITA BOP' BEARDTONGUE	M	5 GAL	
* PHORMIUM SPP. PHORMIUM	M	5 GAL	
⊙ PITTOSPORUM T. 'WHEELER'S DWARF' WHEELER'S DWARF PITTOSPORUM	M	5 GAL	
⊙ RHAMNUS CALIFORN. 'MOUND SAN BRUNO' COFFEEBERRY	L	5 GAL	
⊙ RHAPHIOLEPIS 'MAJESTIC BEAUTY' (STD) MAJESTIC BEAUTY INDIAN HAWTHORN	M	24" BOX	
⊙ ROSA 'ICEBERG' ICEBERG ROSE	M	5 GAL	
⊙ SALVIA SPP. SALVIA	M	5 GAL	
⊙ WESTRINGIA FRUTICOSA COAST ROSEMARY	L	5 GAL	

EXISTING SHRUB LEGEND		
BOTANICAL NAME COMMON NAME	COMMENTS	
⊙ HEMEROCALLIS HYBRIDS DAYLILY (@ ENTRY SIGN)	TO BE DETERMINED	
⊙ MELALEUCA NESOPHILA PINK MELALEUCA (@ ENTRY SIGN)	TO BE DETERMINED	
⊙ ROSA 'ICEBERG' ICEBERG ROSE (@ ENTRY SIGN)	TO BE DETERMINED	

GROUNDCOVER LEGEND			
BOTANICAL NAME COMMON NAME	WUCOLS	SIZE	
▨ ARCTOSTAPHYLOS 'PACIFIC MIST' PACIFIC MIST MANZANITA @ 36" O.C.	L	1 GAL	
▨ DYMONDIA MARGARETAE SILVER CARPET @ 12" O.C.	L	FLATS	
▨ LANTANA SPP. LANTANA @ 36" O.C.	L	1 GAL	
▨ MYOPORUM PARVIFOLIUM 'PROSTRATUM' CREEPING MYOPORUM @ 18" O.C.	L	FLATS	
▨ WESTRINGIA FRUTICOSA 'MUNDI' LOW COAST ROSEMARY	L	1 GAL	
▨ DECORATIVE GRAVEL (1"-3")	L	-	

NOTE:
1. ALL PLANTING AREAS 3:1 AND FLATTER EXCLUDING ZONE '1' (5'-0" FROM BUILDINGS) AND AREAS WITH GROUNDCOVER AND OR DECORATIVE ROCK TO RECEIVE AGROMIN ES2 MULCH.



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REVISIONS		
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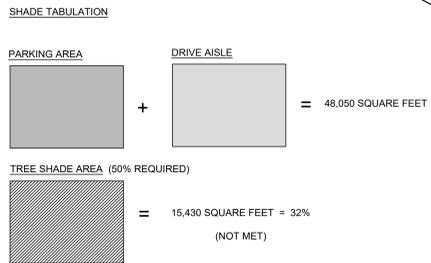
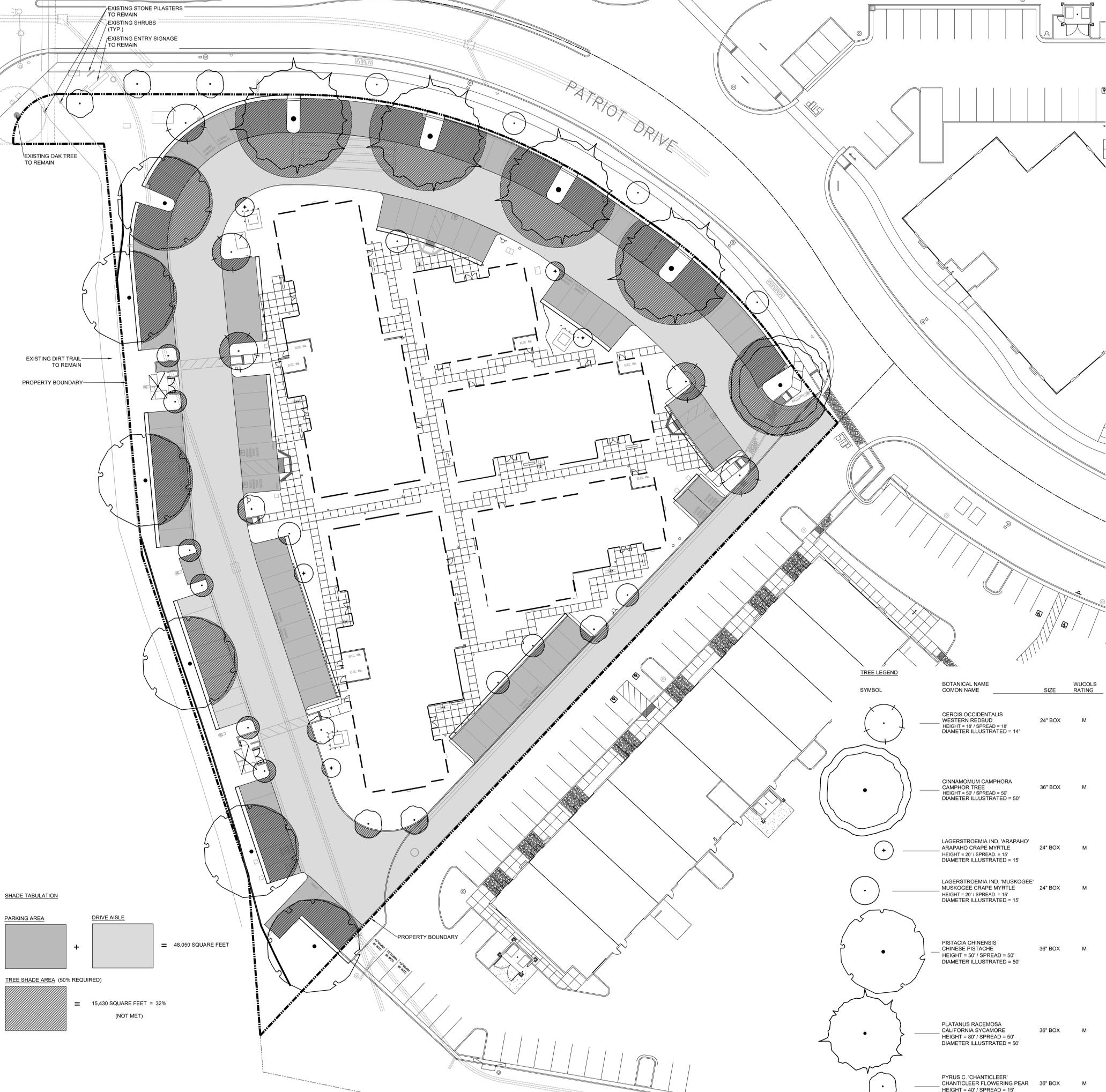
SHEET TITLE
**PRELIMINARY
PLANTING PLAN**
PROJECT
Patriot Professional Plaza
Patriot Drive
Moorpark, CA

DRAWN: ML	PRINTED: 01-10-22
	PRINTED: 03-29-22

DRAWING
L-2
SHEET 1 OF 4
PROJECT No. 21.29

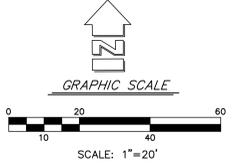
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MILLER PARKWAY



TREE LEGEND

SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	WUCOLS RATING
	CERCIS OCCIDENTALIS WESTERN REDBUD HEIGHT = 18' / SPREAD = 18' DIAMETER ILLUSTRATED = 14'	24" BOX	M
	CINNAMOMUM CAMPHORA CAMPHOR TREE HEIGHT = 50' / SPREAD = 50' DIAMETER ILLUSTRATED = 50'	36" BOX	M
	LAGERSTROEMIA IND. 'ARAPAHO' ARAPAHO CRAPE MYRTLE HEIGHT = 20' / SPREAD = 15' DIAMETER ILLUSTRATED = 15'	24" BOX	M
	LAGERSTROEMIA IND. 'MUSKOGEE' MUSKOGEE CRAPE MYRTLE HEIGHT = 20' / SPREAD = 15' DIAMETER ILLUSTRATED = 15'	24" BOX	M
	PISTACIA CHINENSIS CHINESE PISTACHE HEIGHT = 50' / SPREAD = 50' DIAMETER ILLUSTRATED = 50'	36" BOX	M
	PLATANUS RACEMOSA CALIFORNIA SYCAMORE HEIGHT = 80' / SPREAD = 50' DIAMETER ILLUSTRATED = 50'	36" BOX	M
	PYRUS C. 'CHANTICLEER' CHANTICLEER FLOWERING PEAR HEIGHT = 40' / SPREAD = 15' DIAMETER ILLUSTRATED = 15'	36" BOX	M



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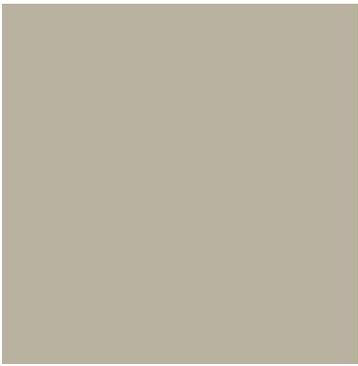
NO.	DATE	BY	DESCRIPTION

CLIENT
Martin Teitelbaum
 569 Constitution Ave, Suite H
 Camarillo, CA 93012

SHEET TITLE
**PARKING AREA
 SHADE TABULATION**
 PROJECT
Patriot Professional Plaza
 Patriot Drive
 Moorpark, CA

DRAWN: ML

PRINTED: 01-10-22
 PRINTED: 03-29-22



① HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6221 FLINSTONE



② HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET600 DOLPHIN TALES



③ HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DET612 STIEGLITZ SILVER



④ HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6362 STORM CLOUD



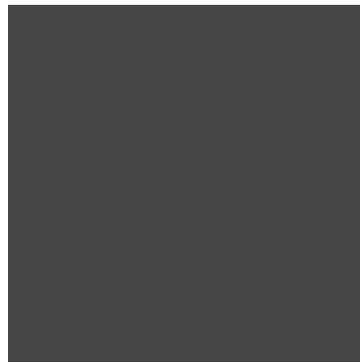
⑤ HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6341 VULCAN



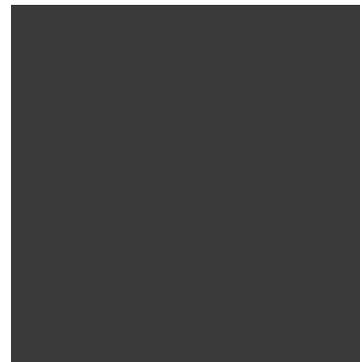
⑥ HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6350 DARK ENGINE



⑦ CORRUGATED METAL "ATAS METAL" COLOT TO MATCH SIERRA TAN



⑨ HARD TROWEL FINISH WITH ELASTOMERIC PAINT TO MATCH DUNN EDWARDS DE6357 BLACK TIE



⑩⑫ ALUMINUM STOREFRONT SYSTEM AND METAL CANOPY - PAINTED BLACK



⑬ SITE PAVERS



⑮ CONCRETE SIDEWALKS



⑭ ASPHALT AND STRIPING



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w: pkarchitecture.net

PATRIOT PROFESSIONAL PLAZA
PATRIOT DRIVE
MOORPARK, CALIFORNIA

date: 09.14.2021

job number: 21-30.20

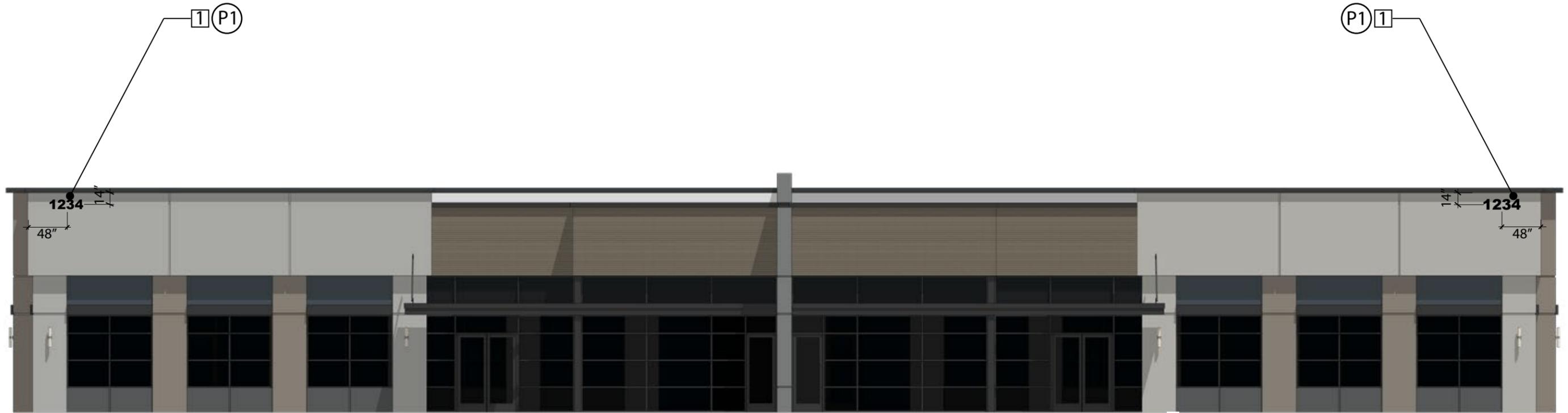


notes:

1 1/2" THK. FLAT CUT ALUMINUM LETTERS WITH PAINT FINISH MOUNTED TO BUILDING FASCIA WITH BLIND ANCHOR STUDS AND 1/8" STANDOFF SPACERS.

colors:

P1 DUNN EDWARDS DET619 CELLULOID -LVS SATIN FINISH



Building A-B

1 | Front View

scale: 3/32" = 1'-0"



notes:

1

1/2" THK. FLAT CUT ALUMINUM LETTERS WITH PAINT FINISH MOUNTED TO BUILDING FASCIA WITH BLIND ANCHOR STUDS AND 1/8" STANDOFF SPACERS.

colors:

P1

DUNN EDWARDS DET619 CELLULOID -LVS SATIN FINISH



Building C-D
(North)

1 | Front View

scale: 3/32" = 1'-0"



notes:

1 1/2" THK. FLAT CUT ALUMINUM LETTERS WITH PAINT FINISH MOUNTED TO BUILDING FASCIA WITH BLIND ANCHOR STUDS AND 1/8" STANDOFF SPACERS.

colors:

P1 DUNN EDWARDS DET619 CELLULOID -LVS SATIN FINISH



Building C-D
(South)

1 | Front View
| scale: 3/32" = 1'-0"



notes:

1

1/2" THK. FLAT CUT ALUMINUM LETTERS WITH PAINT FINISH MOUNTED TO BUILDING FASCIA WITH BLIND ANCHOR STUDS AND 1/8" STANDOFF SPACERS.

colors:

P1

DUNN EDWARDS DET619 CELLULOID -LVS SATIN FINISH



Building E

1 | Front View

scale: 3/16" = 1'-0"

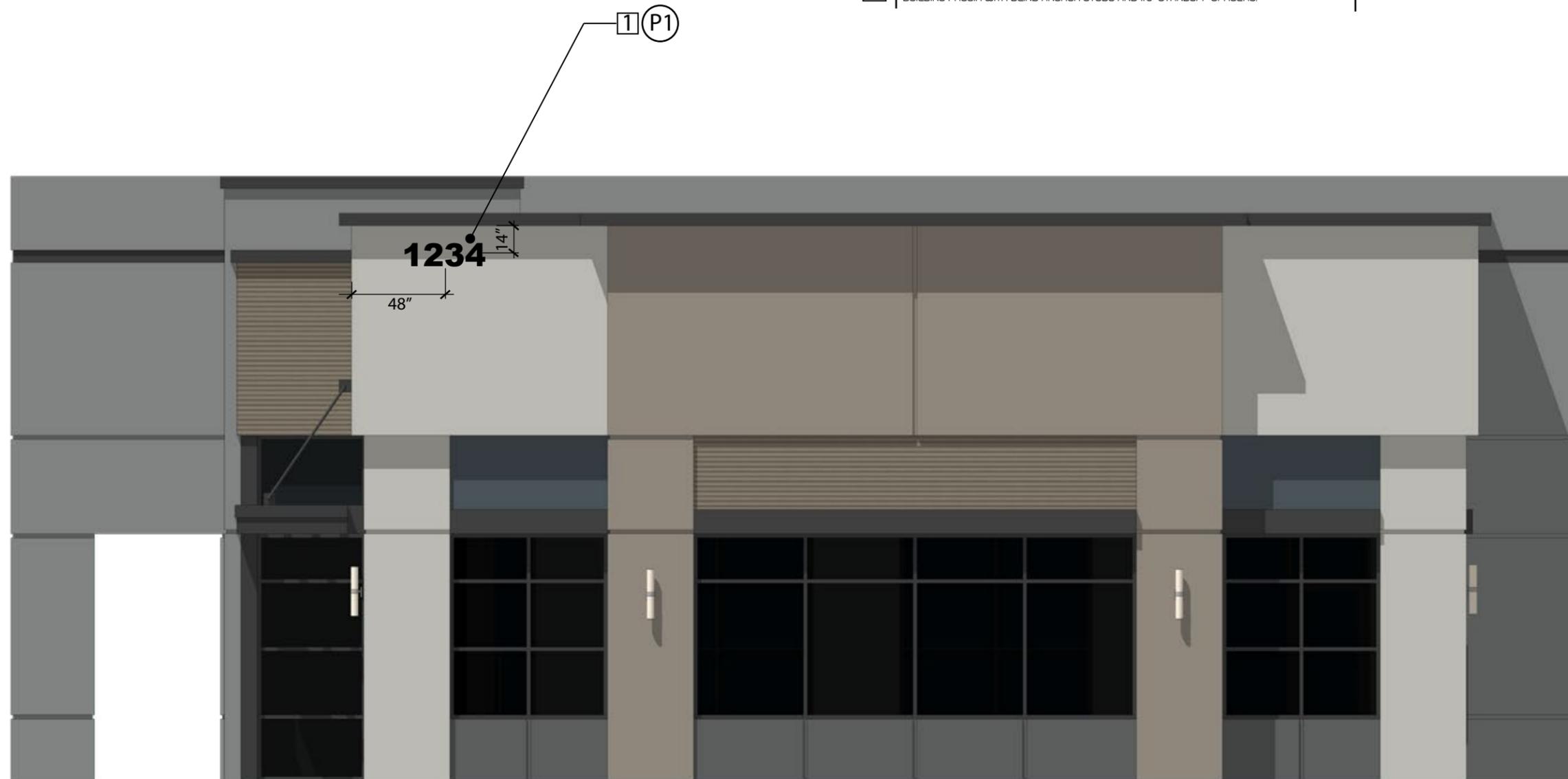


notes:

1 1/2" THK. FLAT CUT ALUMINUM LETTERS WITH PAINT FINISH MOUNTED TO BUILDING FASCIA WITH BLIND ANCHOR STUDS AND 1/8" STANDOFF SPACERS.

colors:

P1 DUNN EDWARDS DET619 CELLULOID -LVS SATIN FINISH



Building F

1 | Front View
scale: 3/16" = 1'-0"



notes:

1 1/2" THK. FLAT CUT ALUMINUM LETTERS WITH PAINT FINISH MOUNTED TO BUILDING FASCIA WITH BLIND ANCHOR STUDS AND 1/8" STANDOFF SPACERS.

colors:

P1 DUNN EDWARDS DET619 CELLULOID -LVS SATIN FINISH

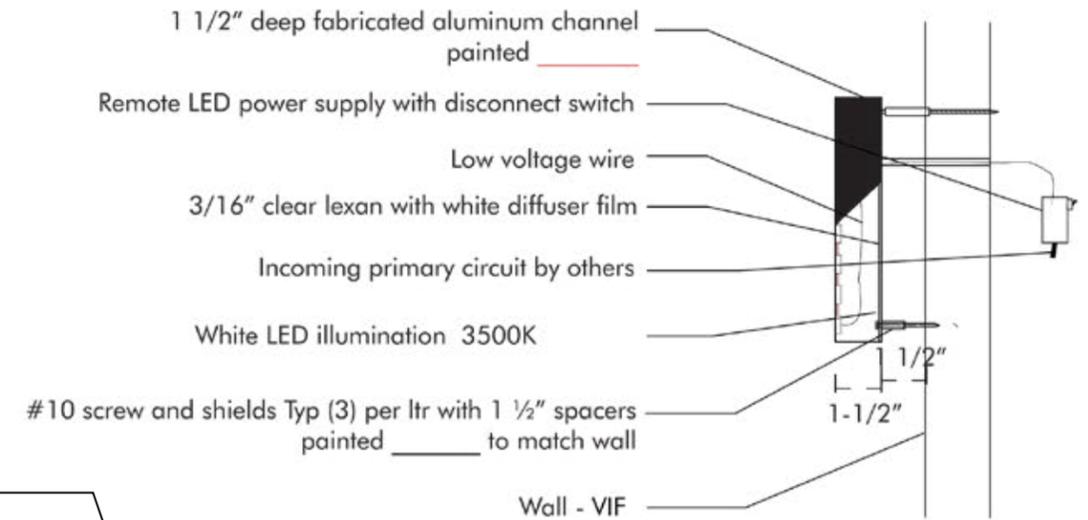
P1 1



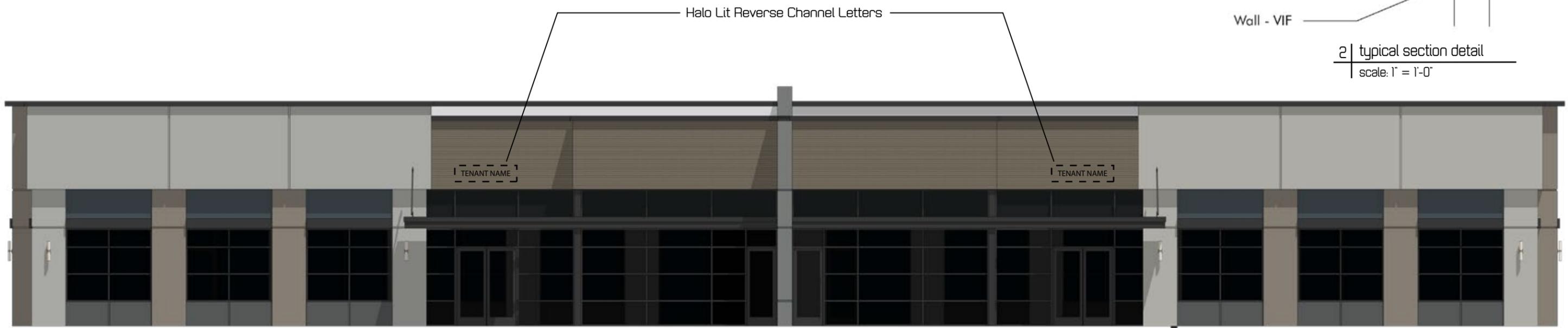
Building G

1 | Front View

scale: 1/8" = 1'-0"

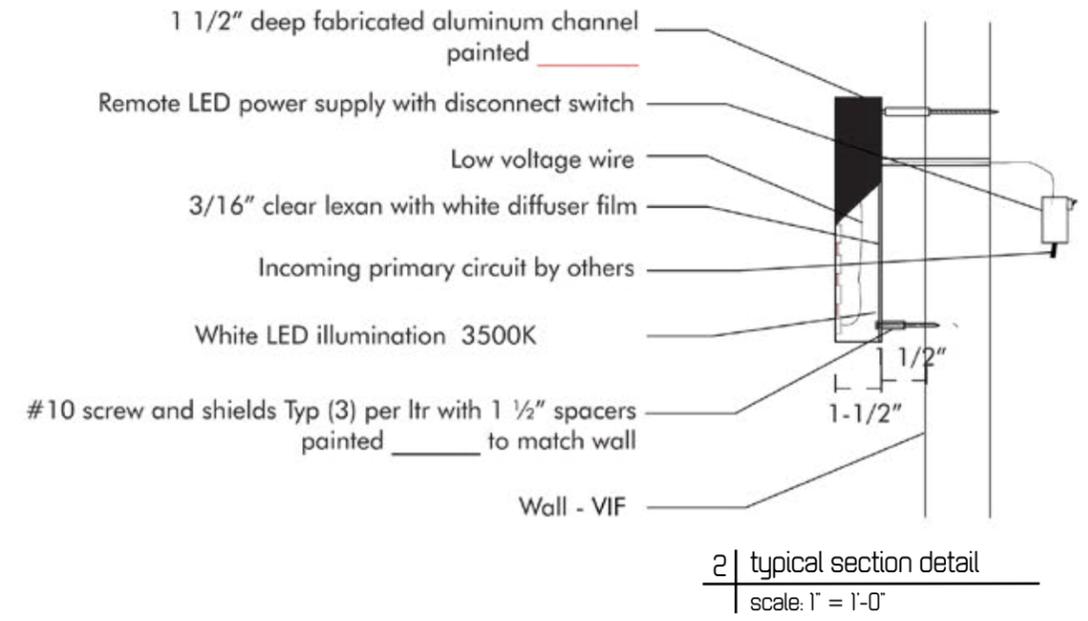


2 | typical section detail
scale: 1" = 1'-0"



Building A-B

1 | storefront wall sign typ.
scale: 3/32" = 1'-0"

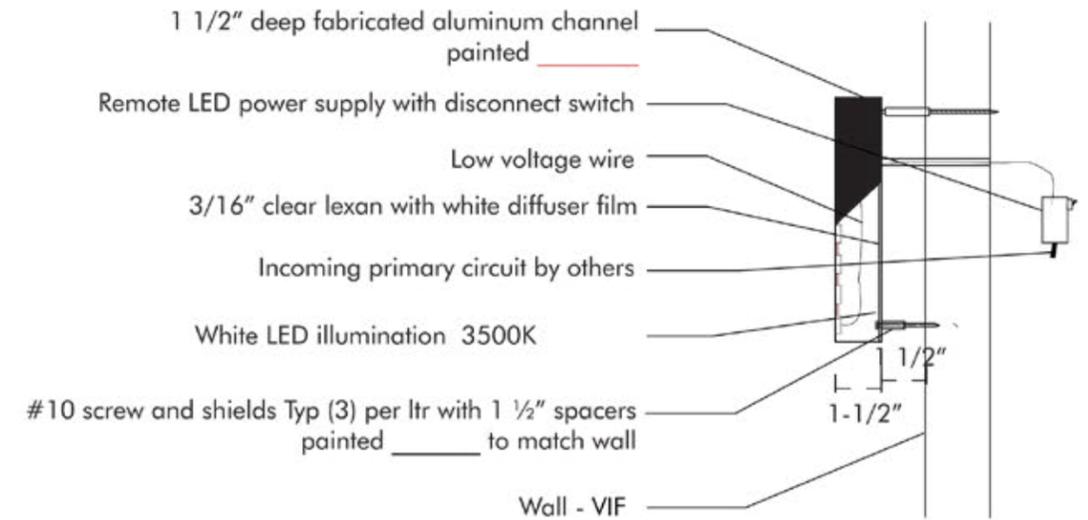


Halo Lit Reverse Channel Letters



Building C-D
(North)

1 | storefront wall sign typ.
| scale: 3/32" = 1'-0"



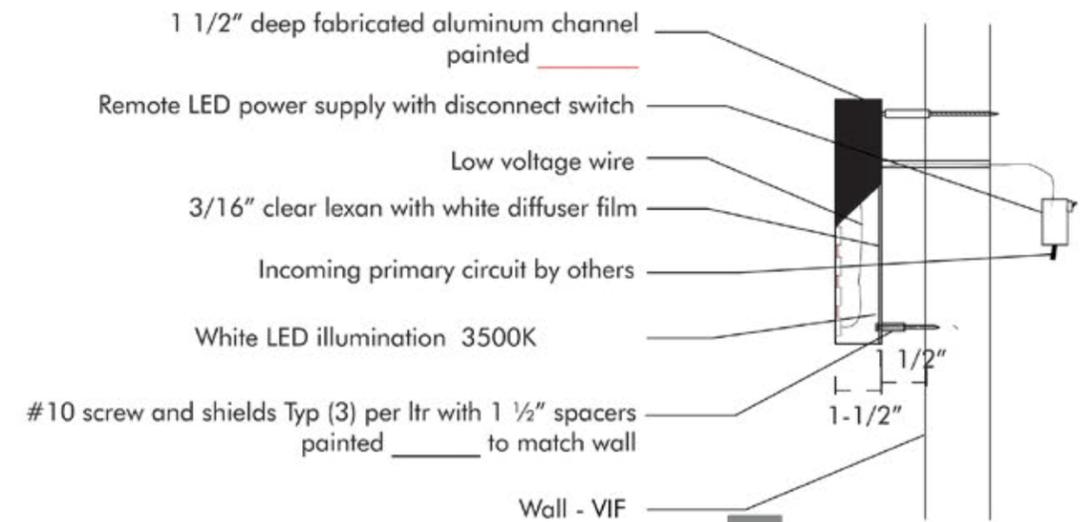
2 | typical section detail
 scale: 1" = 1'-0"



Halo Lit Reverse Channel Letters

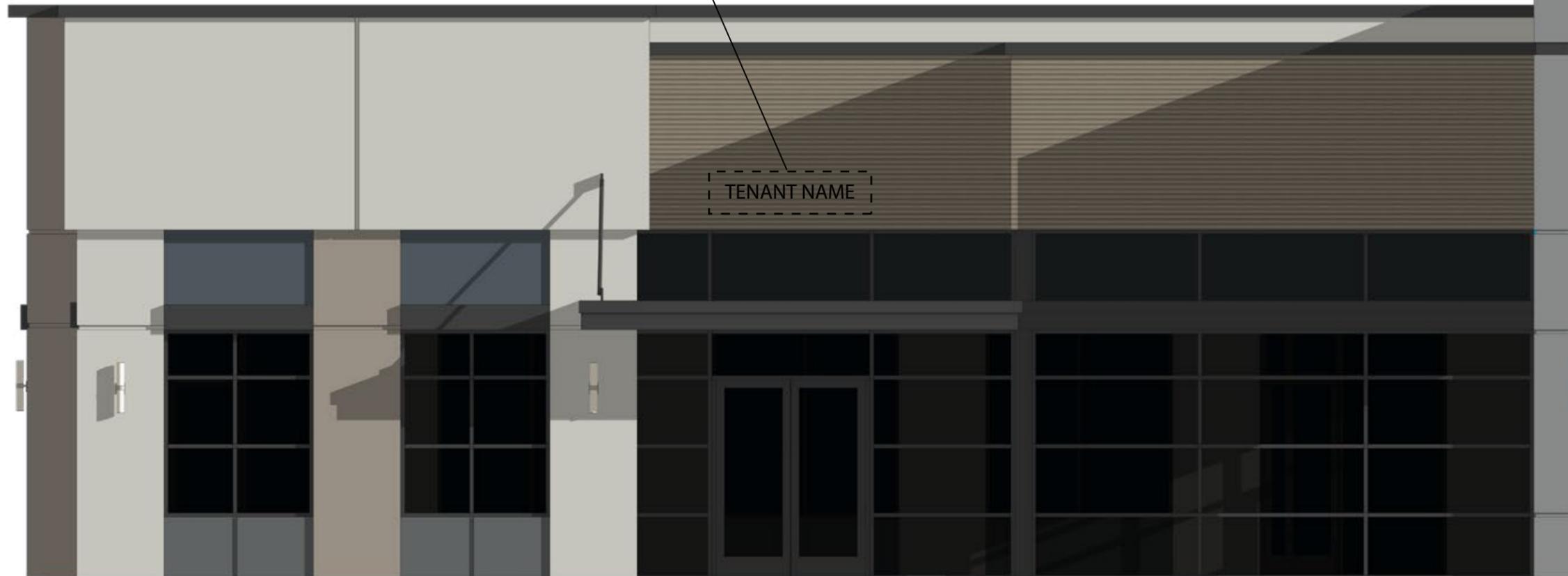
Building C-D
 (South)

1 | storefront wall sign typ.
 scale: 3/32" = 1'-0"



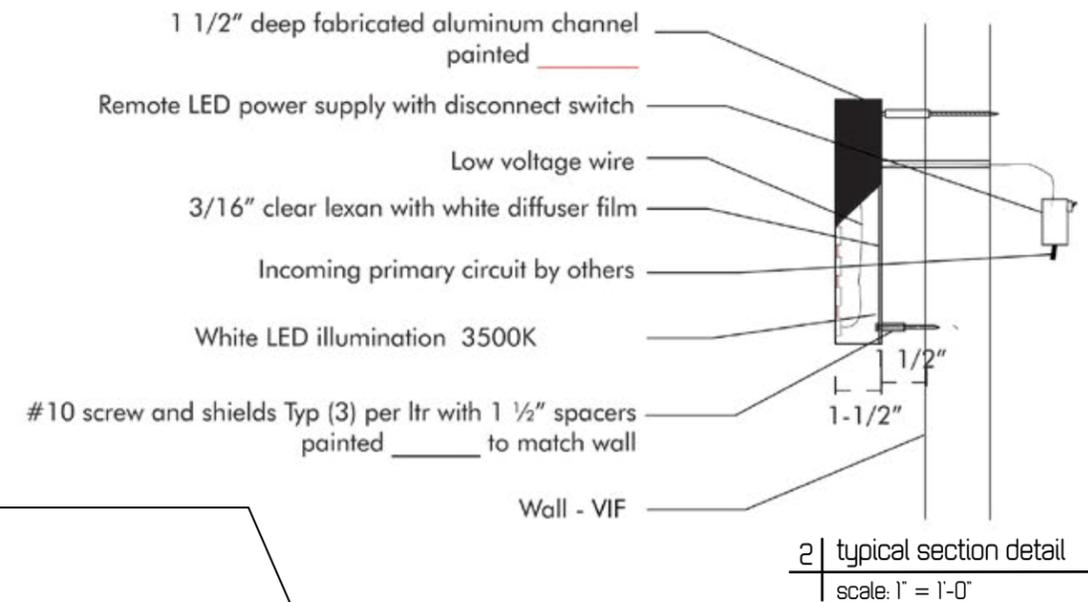
2 | typical section detail
scale: 1" = 1'-0"

Halo Lit Reverse Channel Letters



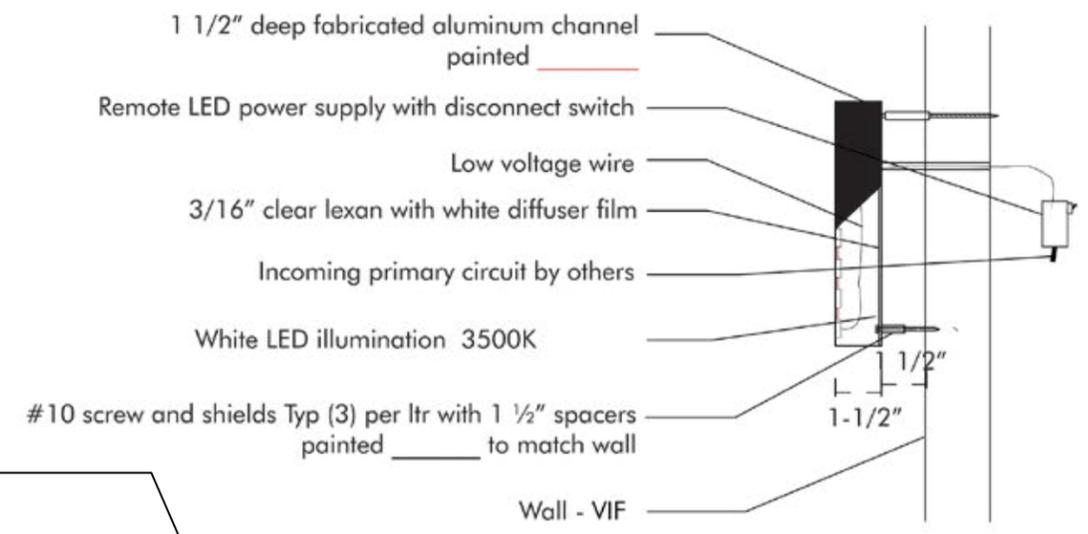
Building E

1 | storefront wall sign typ.
scale: 1/8" = 1'-0"



Building F

1 | storefront wall sign typ.
scale: 1/8" = 1'-0"



2 | typical section detail
scale: 1" = 1'-0"



Halo Lit Reverse Channel Letters

Building G

1 | storefront wall sign typ.
scale: 1/8" = 1'-0"









pk.a

pkarchitecture



Exterior Light Fixtures

Patriot Professional Plaza

Patriot Drive
Moorpark, California
APN: 5120-430-015

Ordering Information

Accessories

Ordered and shipped separately.

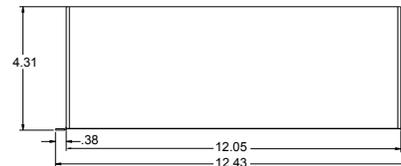
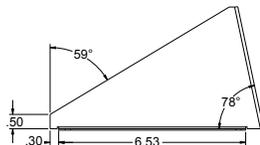
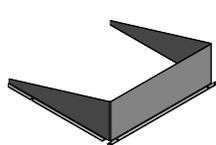
DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ²⁴
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ²⁴
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ²⁴
DSHORT SBK U	Shorting cap ²⁴
DSX0HS 20C U	House-side shield for P1,P2,P3 and P4 ²²
DSX0HS 30C U	House-side shield for P10,P11,P12 and P13 ²²
DSX0HS 40C U	House-side shield for P5,P6 and P7 ²²
DSX0DDL U	Diffused drop lens (polycarbonate) ²²
PUMBA DDBXD U*	Square and round pole universal mounting bracket adaptor (specify finish) ²³
KMA8 DDBXD U	Mast arm mounting bracket adaptor (specify finish) ²³
DSX0EGS (FINISH) U	External glare shield

For more control options, visit [DTL](#) and [ROAM](#) online. Link to [nLight Air 2](#)

NOTES

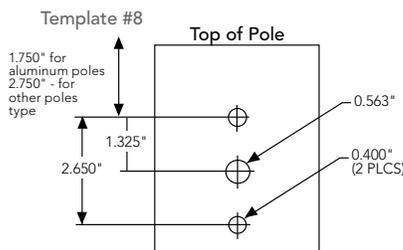
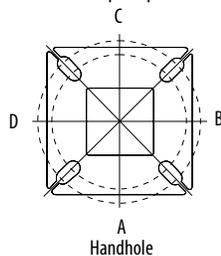
- 1 HA not available with P4, P7, and P13.
- 2 P10, P11, P12 and P13 and rotated options (L90 or R90) only available together.
- 3 Any Type 5 distribution with photocell, is not available with WBA.
- 4 Not available with HS or DDL.
- 5 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 6 Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V. XVOLT not available with fusing (SF or DF).
- 7 XVOLT only suitable for use with P4, P7 and P13.
- 8 XVOLT operates with any voltage between 277V and 480V.
- 9 XVOLT not available with fusing (SF or DF) and not available with PIR, PIRH, PIR1FC3V, PIRH1FC3V.
- 10 Suitable for mounting to round poles between 3.5" and 12" diameter.
- 11 Universal mounting brackets intended for retrofit on existing pre-drilled poles only. 1.5 G vibration load rating per ANCI C136.31. Only usable when pole's drill pattern is NOT Lithonia template #8.
- 12 Must order fixture with SPA mounting. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" diameter mast arm (not included).
- 13 Must be ordered with PIRHN.
- 14 Sensor cover available only in dark bronze, black, white and natural aluminum colors.
- 15 Must be ordered with NLTAIR2. For more information on nLight Air 2 visit [this link](#).
- 16 Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- 17 If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
- 18 DMG not available with PIRHN, PER5, PER7, PIR, PIRH, PIR1FC3V or PIRH1FC3V, FAO.
- 19 Reference Controls Options table on page 4.
- 20 Reference Motion Sensor Default Table on page 4 to see functionality.
- 21 Not available with other dimming controls options.
- 22 Not available with BLC, LCCO and RCCO distribution.
- 23 Must be ordered with fixture for factory pre-drilling.
- 24 Requires luminaire to be specified with PER, PER5 or PER7 option. See Controls Table on page 4.
- 25 For retrofit use only. Only usable when pole's drill pattern is NOT Lithonia template #8

EGS – External Glare Shield



Drilling

HANDHOLE ORIENTATION (from top of pole)



Tenon Mounting Slipfitter

Tenon O.D.	Mounting	Single Unit	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
2-3/8"	RPA	AS3-5 190	AS3-5 280	AS3-5 290	AS3-5 390	AS3-5 320	AS3-5 490
2-7/8"	RPA	AST25-190	AST25-280	AST25-290	AST25-390	AST25-320	AST25-490
4"	RPA	AST35-190	AST35-280	AST35-290	AST35-390	AST35-320	AST35-490

Mounting Option	Drilling Template	Single	2 @ 180	2 @ 90	3 @ 90	3 @ 120	4 @ 90
Head Location		Side B	Side B & D	Side B & C	Side B, C & D	Round Pole Only	Side A, B, C & D
Drill Nomenclature	#8	DM19AS	DM28AS	DM29AS	DM39AS	DM32AS	DM49AS
Minimum Acceptable Outside Pole Dimension							
SPA	#8	2-7/8"	2-7/8"	3.5"	3.5"		3.5"
RPA	#8	2-7/8"	2-7/8"	3.5"	3.5"	3"	3.5"
SPUMBA	#5	2-7/8"	3"	4"	4"		4"
RPUMBA	#5	2-7/8"	3.5"	5"	5"	3.5"	5"

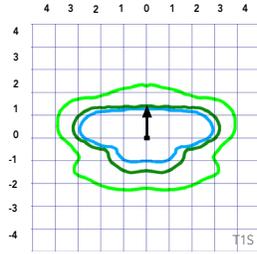
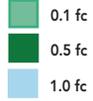
DSX0 Area Luminaire - EPA

*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

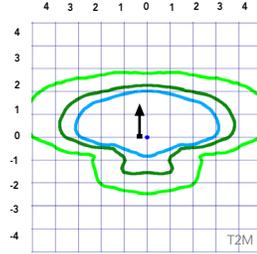
Fixture Quantity & Mounting Configuration	Single DM19	2 @ 180 DM28	2 @ 90 DM29	3 @ 90 DM39	3 @ 120 DM32	4 @ 90 DM49
Mounting Type						
DSX0 LED	0.950	1.900	1.830	2.850	2.850	3.544

Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').

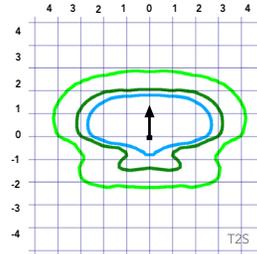
LEGEND



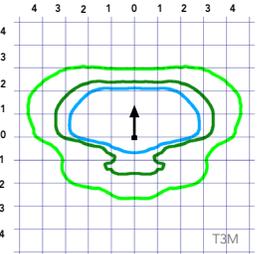
Test No.



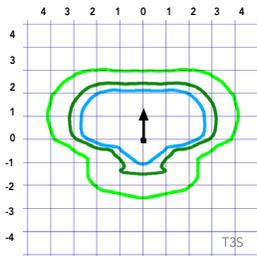
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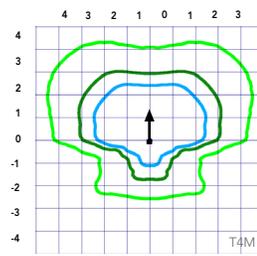
Test No. LTL23457P25 tested in accordance with IESNA LM-79-08.



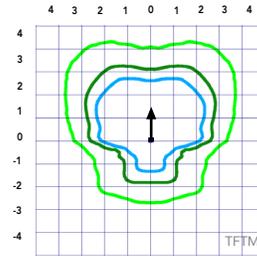
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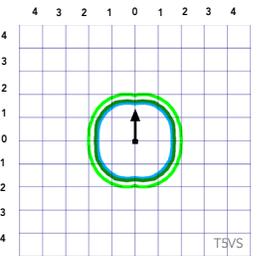
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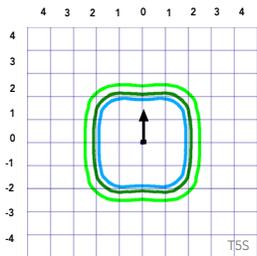
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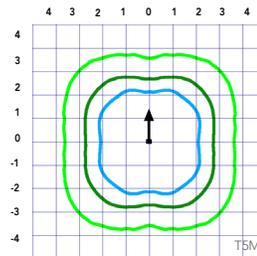
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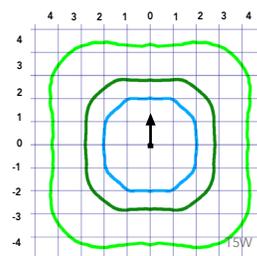
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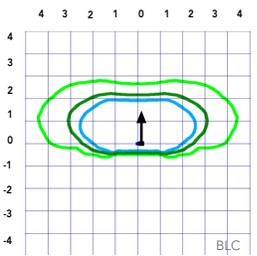
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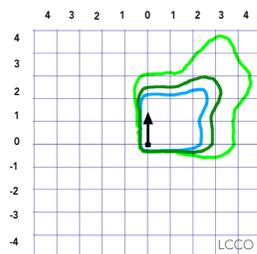
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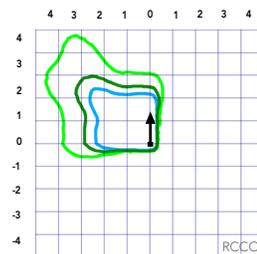
Test No. LTL23451P25 tested in accordance with IESNA LM-79-08.



Test No.



Test No.



Test No.

Performance Data

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	1.04
5°C	41°F	1.04
10°C	50°F	1.03
15°C	59°F	1.02
20°C	68°F	1.01
25°C	77°C	1.00
30°C	86°F	0.99
35°C	95°F	0.98
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted 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	Lumen Maintenance Factor
25,000	0.96
50,000	0.92
100,000	0.85

Motion Sensor Default Settings

Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min

*for use when motion sensor is used as dusk to dawn control.

Controls Options

Nomenclature	Description	Functionality	Primary control device	Notes
FAO	Field adjustable output device installed inside the luminaire; wired to the driver dimming leads.	Allows the luminaire to be manually dimmed, effectively trimming the light output.	FAO device	Cannot be used with other controls options that need the 0-10V leads
DS	Drivers wired independently for 50/50 luminaire operation	The luminaire is wired to two separate circuits, allowing for 50/50 operation.	Independently wired drivers	Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative.
PERS or PER7	Twist-lock photocell receptacle	Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals.	Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM.	Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire
PIR or PIRH	Motion sensors with integral photocell. PIR for 8-15' mounting; PIRH for 15-30' mounting	Luminaires dim when no occupancy is detected.	Acuity Controls SBGR	Also available with PIRH1FC3V when the sensor photocell is used for dusk-to-dawn operation.
NLTAIR2 PIRHN	nLight AIR enabled luminaire for motion sensing, photocell and wireless communication.	Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclipse.	nLight Air rSDGR	nLight AIR sensors can be programmed and commissioned from the ground using the CIAIRity Pro app.

Electrical Load

					Current (A)					
	Performance Package	LED Count	Drive Current	Wattage	120	208	240	277	347	480
Forward Optics (Non-Rotated)	P1	20	530	38	0.32	0.18	0.15	0.15	0.10	0.08
	P2	20	700	49	0.41	0.23	0.20	0.19	0.14	0.11
	P3	20	1050	71	0.60	0.37	0.32	0.27	0.21	0.15
	P4	20	1400	92	0.77	0.45	0.39	0.35	0.28	0.20
	P5	40	700	89	0.74	0.43	0.38	0.34	0.26	0.20
	P6	40	1050	134	1.13	0.65	0.55	0.48	0.39	0.29
	P7	40	1300	166	1.38	0.80	0.69	0.60	0.50	0.37
Rotated Optics (Requires L90 or R90)	P10	30	530	53	0.45	0.26	0.23	0.21	0.16	0.12
	P11	30	700	72	0.60	0.35	0.30	0.27	0.20	0.16
	P12	30	1050	104	0.88	0.50	0.44	0.39	0.31	0.23
	P13	30	1300	128	1.08	0.62	0.54	0.48	0.37	0.27

Performance Data

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. Contact factory for performance data on any configurations not shown here.

Forward Optics																			
Power Package	LED Count	Drive Current	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	20	530	38W	T1S	4,369	1	0	1	115	4,706	1	0	1	124	4,766	1	0	1	125
				T2S	4,364	1	0	1	115	4,701	1	0	1	124	4,761	1	0	1	125
				T2M	4,387	1	0	1	115	4,726	1	0	1	124	4,785	1	0	1	126
				T3S	4,248	1	0	1	112	4,577	1	0	1	120	4,634	1	0	1	122
				T3M	4,376	1	0	1	115	4,714	1	0	1	124	4,774	1	0	1	126
				T4M	4,281	1	0	1	113	4,612	1	0	2	121	4,670	1	0	2	123
				TFTM	4,373	1	0	1	115	4,711	1	0	2	124	4,771	1	0	2	126
				TSVS	4,548	2	0	0	120	4,900	2	0	0	129	4,962	2	0	0	131
				T5S	4,552	2	0	0	120	4,904	2	0	0	129	4,966	2	0	0	131
				T5M	4,541	3	0	1	120	4,891	3	0	1	129	4,953	3	0	1	130
				TSW	4,576	3	0	2	120	4,929	3	0	2	130	4,992	3	0	2	131
				BLC	3,586	1	0	1	94	3,863	1	0	1	102	3,912	1	0	1	103
				LCCO	2,668	1	0	1	70	2,874	1	0	2	76	2,911	1	0	2	77
				RCCO	2,668	1	0	1	70	2,874	1	0	2	76	2,911	1	0	2	77
P2	20	700	49W	T1S	5,570	1	0	1	114	6,001	1	0	1	122	6,077	2	0	2	124
				T2S	5,564	1	0	2	114	5,994	1	0	2	122	6,070	2	0	2	124
				T2M	5,593	1	0	1	114	6,025	1	0	1	123	6,102	1	0	1	125
				T3S	5,417	1	0	2	111	5,835	1	0	2	119	5,909	2	0	2	121
				T3M	5,580	1	0	2	114	6,011	1	0	2	123	6,087	1	0	2	124
				T4M	5,458	1	0	2	111	5,880	1	0	2	120	5,955	1	0	2	122
				TFTM	5,576	1	0	2	114	6,007	1	0	2	123	6,083	1	0	2	124
				TSVS	5,799	2	0	0	118	6,247	2	0	0	127	6,327	2	0	0	129
				T5S	5,804	2	0	0	118	6,252	2	0	0	128	6,332	2	0	1	129
				T5M	5,789	3	0	1	118	6,237	3	0	1	127	6,316	3	0	1	129
				TSW	5,834	3	0	2	119	6,285	3	0	2	128	6,364	3	0	2	130
				BLC	4,572	1	0	1	93	4,925	1	0	1	101	4,987	1	0	1	102
				LCCO	3,402	1	0	2	69	3,665	1	0	2	75	3,711	1	0	2	76
				RCCO	3,402	1	0	2	69	3,665	1	0	2	75	3,711	1	0	2	76
P3	20	1050	71W	T1S	7,833	2	0	2	110	8,438	2	0	2	119	8,545	2	0	2	120
				T2S	7,825	2	0	2	110	8,429	2	0	2	119	8,536	2	0	2	120
				T2M	7,865	2	0	2	111	8,473	2	0	2	119	8,580	2	0	2	121
				T3S	7,617	2	0	2	107	8,205	2	0	2	116	8,309	2	0	2	117
				T3M	7,846	2	0	2	111	8,452	2	0	2	119	8,559	2	0	2	121
				T4M	7,675	2	0	2	108	8,269	2	0	2	116	8,373	2	0	2	118
				TFTM	7,841	2	0	2	110	8,447	2	0	2	119	8,554	2	0	2	120
				TSVS	8,155	3	0	0	115	8,785	3	0	0	124	8,896	3	0	0	125
				T5S	8,162	3	0	1	115	8,792	3	0	1	124	8,904	3	0	1	125
				T5M	8,141	3	0	2	115	8,770	3	0	2	124	8,881	3	0	2	125
				TSW	8,204	3	0	2	116	8,838	4	0	2	124	8,950	4	0	2	126
				BLC	6,429	1	0	2	91	6,926	1	0	2	98	7,013	1	0	2	99
				LCCO	4,784	1	0	2	67	5,153	1	0	2	73	5,218	1	0	2	73
				RCCO	4,784	1	0	2	67	5,153	1	0	2	73	5,218	1	0	2	73
P4	20	1400	92W	T1S	9,791	2	0	2	106	10,547	2	0	2	115	10,681	2	0	2	116
				T2S	9,780	2	0	2	106	10,536	2	0	2	115	10,669	2	0	2	116
				T2M	9,831	2	0	2	107	10,590	2	0	2	115	10,724	2	0	2	117
				T3S	9,521	2	0	2	103	10,256	2	0	2	111	10,386	2	0	2	113
				T3M	9,807	2	0	2	107	10,565	2	0	2	115	10,698	2	0	2	116
				T4M	9,594	2	0	2	104	10,335	2	0	3	112	10,466	2	0	3	114
				TFTM	9,801	2	0	2	107	10,558	2	0	2	115	10,692	2	0	2	116
				TSVS	10,193	3	0	1	111	10,981	3	0	1	119	11,120	3	0	1	121
				T5S	10,201	3	0	1	111	10,990	3	0	1	119	11,129	3	0	1	121
				T5M	10,176	4	0	2	111	10,962	4	0	2	119	11,101	4	0	2	121
				TSW	10,254	4	0	3	111	11,047	4	0	3	120	11,186	4	0	3	122
				BLC	8,036	1	0	2	87	8,656	1	0	2	94	8,766	1	0	2	95
				LCCO	5,979	1	0	2	65	6,441	1	0	2	70	6,523	1	0	3	71
				RCCO	5,979	1	0	2	65	6,441	1	0	2	70	6,523	1	0	3	71

Performance Data

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. Contact factory for performance data on any configurations not shown here.

Forward Optics																			
Power Package	LED Count	Drive Current	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P5	40	700	89W	T1S	10,831	2	0	2	122	11,668	2	0	2	131	11,816	2	0	2	133
				T2S	10,820	2	0	2	122	11,656	2	0	2	131	11,803	2	0	2	133
				T2M	10,876	2	0	2	122	11,716	2	0	2	132	11,864	2	0	2	133
				T3S	10,532	2	0	2	118	11,346	2	0	2	127	11,490	2	0	2	129
				T3M	10,849	2	0	2	122	11,687	2	0	2	131	11,835	2	0	2	133
				T4M	10,613	2	0	3	119	11,434	2	0	3	128	11,578	2	0	3	130
				TFTM	10,842	2	0	2	122	11,680	2	0	2	131	11,828	2	0	2	133
				TSVS	11,276	3	0	1	127	12,148	3	0	1	136	12,302	3	0	1	138
				T5S	11,286	3	0	1	127	12,158	3	0	1	137	12,312	3	0	1	138
				T5M	11,257	4	0	2	126	12,127	4	0	2	136	12,280	4	0	2	138
				T5W	11,344	4	0	3	127	12,221	4	0	3	137	12,375	4	0	3	139
				BLC	8,890	1	0	2	100	9,576	1	0	2	108	9,698	1	0	2	109
				LCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81
				RCCO	6,615	1	0	3	74	7,126	1	0	3	80	7,216	1	0	3	81
P6	40	1050	134W	T1S	14,805	3	0	3	110	15,949	3	0	3	119	16,151	3	0	3	121
				T2S	14,789	3	0	3	110	15,932	3	0	3	119	16,134	3	0	3	120
				T2M	14,865	3	0	3	111	16,014	3	0	3	120	16,217	3	0	3	121
				T3S	14,396	3	0	3	107	15,509	3	0	3	116	15,705	3	0	3	117
				T3M	14,829	2	0	3	111	15,975	3	0	3	119	16,177	3	0	3	121
				T4M	14,507	2	0	3	108	15,628	3	0	3	117	15,826	3	0	3	118
				TFTM	14,820	2	0	3	111	15,965	3	0	3	119	16,167	3	0	3	121
				TSVS	15,413	4	0	1	115	16,604	4	0	1	124	16,815	4	0	1	125
				T5S	15,426	3	0	1	115	16,618	4	0	1	124	16,828	4	0	1	126
				T5M	15,387	4	0	2	115	16,576	4	0	2	124	16,786	4	0	2	125
				T5W	15,506	4	0	3	116	16,704	4	0	3	125	16,915	4	0	3	126
				BLC	12,151	1	0	2	91	13,090	1	0	2	98	13,255	1	0	2	99
				LCCO	9,041	1	0	3	67	9,740	1	0	3	73	9,863	1	0	3	74
				RCCO	9,041	1	0	3	67	9,740	1	0	3	73	9,863	1	0	3	74
P7	40	1300	166W	T1S	17,023	3	0	3	103	18,338	3	0	3	110	18,570	3	0	3	112
				T2S	17,005	3	0	3	102	18,319	3	0	3	110	18,551	3	0	3	112
				T2M	17,092	3	0	3	103	18,413	3	0	3	111	18,646	3	0	3	112
				T3S	16,553	3	0	3	100	17,832	3	0	3	107	18,058	3	0	3	109
				T3M	17,051	3	0	3	103	18,369	3	0	3	111	18,601	3	0	3	112
				T4M	16,681	3	0	3	100	17,969	3	0	3	108	18,197	3	0	3	110
				TFTM	17,040	3	0	3	103	18,357	3	0	4	111	18,590	3	0	4	112
				TSVS	17,723	4	0	1	107	19,092	4	0	1	115	19,334	4	0	1	116
				T5S	17,737	4	0	2	107	19,108	4	0	2	115	19,349	4	0	2	117
				T5M	17,692	4	0	2	107	19,059	4	0	2	115	19,301	4	0	2	116
				T5W	17,829	5	0	3	107	19,207	5	0	3	116	19,450	5	0	3	117
				BLC	13,971	2	0	2	84	15,051	2	0	2	91	15,241	2	0	2	92
				LCCO	10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68
				RCCO	10,396	1	0	3	63	11,199	1	0	3	67	11,341	1	0	3	68

Performance Data

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. Contact factory for performance data on any configurations not shown here.

Rotated Optics																			
Power Package	LED Count	Drive Current	System Watts	Dist. Type	30K (3000 K, 70 CRI)					40K (4000 K, 70 CRI)					50K (5000 K, 70 CRI)				
					Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P10	30	530	53W	T1S	6,727	2	0	2	127	7,247	3	0	3	137	7,339	3	0	3	138
				T2S	6,689	3	0	3	126	7,205	3	0	3	136	7,297	3	0	3	138
				T2M	6,809	3	0	3	128	7,336	3	0	3	138	7,428	3	0	3	140
				T3S	6,585	3	0	3	124	7,094	3	0	3	134	7,183	3	0	3	136
				T3M	6,805	3	0	3	128	7,331	3	0	3	138	7,424	3	0	3	140
				T4M	6,677	3	0	3	126	7,193	3	0	3	136	7,284	3	0	3	137
				TFTM	6,850	3	0	3	129	7,379	3	0	3	139	7,472	3	0	3	141
				TSVS	6,898	3	0	0	130	7,431	3	0	0	140	7,525	3	0	0	142
				T5S	6,840	2	0	1	129	7,368	2	0	1	139	7,461	2	0	1	141
				T5M	6,838	3	0	1	129	7,366	3	0	2	139	7,460	3	0	2	141
				TSW	6,777	3	0	2	128	7,300	3	0	2	138	7,393	3	0	2	139
				BLC	5,626	2	0	2	106	6,060	2	0	2	114	6,137	2	0	2	116
				LCCO	4,018	1	0	2	76	4,328	1	0	2	82	4,383	1	0	2	83
				RCCO	4,013	3	0	3	76	4,323	3	0	3	82	4,377	3	0	3	83
				P11	30	700	72W	T1S	8,594	3	0	3	119	9,258	3	0	3	129	9,376
T2S	8,545	3	0					3	119	9,205	3	0	3	128	9,322	3	0	3	129
T2M	8,699	3	0					3	121	9,371	3	0	3	130	9,490	3	0	3	132
T3S	8,412	3	0					3	117	9,062	3	0	3	126	9,177	3	0	3	127
T3M	8,694	3	0					3	121	9,366	3	0	3	130	9,484	3	0	3	132
T4M	8,530	3	0					3	118	9,189	3	0	3	128	9,305	3	0	3	129
TFTM	8,750	3	0					3	122	9,427	3	0	3	131	9,546	3	0	3	133
TSVS	8,812	3	0					0	122	9,493	3	0	0	132	9,613	3	0	0	134
T5S	8,738	3	0					1	121	9,413	3	0	1	131	9,532	3	0	1	132
T5M	8,736	3	0					2	121	9,411	3	0	2	131	9,530	3	0	2	132
TSW	8,657	4	0					2	120	9,326	4	0	2	130	9,444	4	0	2	131
BLC	7,187	3	0					3	100	7,742	3	0	3	108	7,840	3	0	3	109
LCCO	5,133	1	0					2	71	5,529	1	0	2	77	5,599	1	0	2	78
RCCO	5,126	3	0					3	71	5,522	3	0	3	77	5,592	3	0	3	78
P12	30	1050	104W					T1S	12,149	3	0	3	117	13,088	3	0	3	126	13,253
				T2S	12,079	4	0	4	116	13,012	4	0	4	125	13,177	4	0	4	127
				T2M	12,297	3	0	3	118	13,247	3	0	3	127	13,415	3	0	3	129
				T3S	11,891	4	0	4	114	12,810	4	0	4	123	12,972	4	0	4	125
				T3M	12,290	3	0	3	118	13,239	4	0	4	127	13,407	4	0	4	129
				T4M	12,058	4	0	4	116	12,990	4	0	4	125	13,154	4	0	4	126
				TFTM	12,369	4	0	4	119	13,325	4	0	4	128	13,494	4	0	4	130
				TSVS	12,456	3	0	1	120	13,419	3	0	1	129	13,589	4	0	1	131
				T5S	12,351	3	0	1	119	13,306	3	0	1	128	13,474	3	0	1	130
				T5M	12,349	4	0	2	119	13,303	4	0	2	128	13,471	4	0	2	130
				TSW	12,238	4	0	3	118	13,183	4	0	3	127	13,350	4	0	3	128
				BLC	10,159	3	0	3	98	10,944	3	0	3	105	11,083	3	0	3	107
				LCCO	7,256	1	0	3	70	7,816	1	0	3	75	7,915	1	0	3	76
				RCCO	7,246	3	0	3	70	7,806	4	0	4	75	7,905	4	0	4	76
				P13	30	1300	128W	T1S	14,438	3	0	3	113	15,554	3	0	3	122	15,751
T2S	14,355	4	0					4	112	15,465	4	0	4	121	15,660	4	0	4	122
T2M	14,614	3	0					3	114	15,744	4	0	4	123	15,943	4	0	4	125
T3S	14,132	4	0					4	110	15,224	4	0	4	119	15,417	4	0	4	120
T3M	14,606	4	0					4	114	15,735	4	0	4	123	15,934	4	0	4	124
T4M	14,330	4	0					4	112	15,438	4	0	4	121	15,633	4	0	4	122
TFTM	14,701	4	0					4	115	15,836	4	0	4	124	16,037	4	0	4	125
TSVS	14,804	4	0					1	116	15,948	4	0	1	125	16,150	4	0	1	126
T5S	14,679	3	0					1	115	15,814	3	0	1	124	16,014	3	0	1	125
T5M	14,676	4	0					2	115	15,810	4	0	2	124	16,010	4	0	2	125
TSW	14,544	4	0					3	114	15,668	4	0	3	122	15,866	4	0	3	124
BLC	7919	3	0					3	62	8531	3	0	3	67	8639	3	0	3	67
LCCO	5145	1	0					2	40	5543	1	0	2	43	5613	1	0	2	44
RCCO	5139	3	0					3	40	5536	3	0	3	43	5606	3	0	3	44

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and pedestrian areas.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (0.95 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in 3000 K, 4000 K or 5000 K (70 CRI) configurations. The D-Series Size 0 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine(s) configurations consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The DSX0 LED area luminaire has a number of control options. DSX Size 0, comes standard with 0-10V dimming driver. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensors with on-board photocells feature field-adjustable programming and are suitable for mounting heights up to 30 feet.

nLIGHT AIR CONTROLS

The DSX0 LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaires can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclipse. Additional information about nLight Air can be found [here](#).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

UL listed to meet U.S. and Canadian standards. UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C to 50°C ambient with HA option. U.S. Patent No. D672,492 S. International patent pending.

DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

BUY AMERICAN

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

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.





KBR8 LED

LED Specification Bollard



Catalog Number
Notes
Type

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The KBR8 Bollard is a stylish, fully integrated LED solution for walkways. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

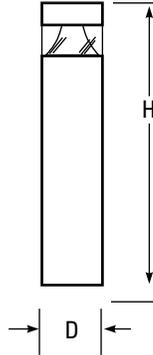
With an expected service life of over 20 years of nighttime use and up to 70% in energy savings over comparable 100W metal halide luminaires, the KBR8 Bollard is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Specifications

8" Round
(20.3 cm)

Height: 40"
(101.6 cm)

Weight (max): 27 lbs
(12.25 kg)



Ordering Information

EXAMPLE: KBR8 LED 16C 700 40K SYM MVOLT DDBXD

KBR8 LED												
Series	LEDs	Drive current		Color temperature		Distribution		Voltage	Control options	Other options	Finish <i>(required)</i>	
KBR8 LED	Asymmetric 12C 12 LEDs ¹	350	350 mA	30K	3000 K	ASY Asymmetric ¹	SYM Symmetric ²	MVOLT ⁵	Shipped installed PE Photoelectric cell, button type	Shipped installed SF Single fuse (120, 277, 347V) ^{4,7}	DWHXD	White
		450	450 mA ^{3,4}	40K	4000 K			120 ⁵			208 ⁵	240 ⁵
	Symmetric 16C 16 LEDs ²	700	700 mA	50K	5000 K				ELCW Emergency battery backup, CA Title 20 Noncompliant ⁶	H24 24" overall height H30 30" overall height H36 36" overall height	DDBXD	Dark bronze
				AMBPC	Amber phosphor converted					FG Ground-fault festoon outlet	DBLXD	Black
				AMBLW	Amber limited wavelength ^{3,4}					L/AB Without anchor bolts (3 bolt base)	DDBTXD	Textured dark bronze
										L/AB4 4 bolt retrofit base without anchor bolts ⁸	DBLBXD	Textured black
											DNATXD	Textured natural aluminum
											DWHGXD	Textured white

Accessories

Ordered and shipped separately.

MRAB U Anchor bolts for KBR8 LED⁸

NOTES

- Only available in the 12C, ASY version.
- Only available in the 16C, SYM version.
- Only available with 450 AMBLW version.
- Not available with ELCW.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Not available with 347V. Not available with fusing. Not available with 450 AMBLW.
- Single fuse (SF) requires 120, 277, or 347 voltage option. Double fuse (DF) requires 208 or 240 voltage option.
- MRAB U not available with L/AB4 option.



Performance Data

All 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. Actual wattage may differ by +/- 8% when operating between 120-480V +/- 10%.

Light Engines	Drive Current	System Watts	3000 K					4000 K					5000 K					Limited Wavelength Amber					
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	
Asymmetric 3 Engines (12 LEDs)	350	16	641	40	1	1	1	809	51	1	1	1	870	54	1	1	1						
	530	22	947	43	1	1	1	1,191	54	1	1	1	1,282	58	1	1	1						
	700	31	1,214	40	1	1	1	1,527	51	1	1	1	1,646	55	1	1	1						
	Amber 450	16																324	20	0	1	0	
Symmetric 4 Engines (16 LEDs)	350	20	888	44	1	0	0	1,116	56	1	0	0	1,203	60	1	0	0						
	530	28	1,254	45	1	0	0	1,598	57	1	0	1	1,719	61	1	0	1						
	700	39	1,608	41	1	0	1	2,022	52	1	0	1	2,180	56	2	0	1						
	Amber 450	20																374	19	0	0	0	

Note: Available with phosphor-converted amber LED's (nomenclature AMBPC). These LED's produce light with 97+% >530 nm. Output can be calculated by applying a 0.7 factor to 4000 K lumen values and photometric files.

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted 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	1.00	0.98	0.97	0.95

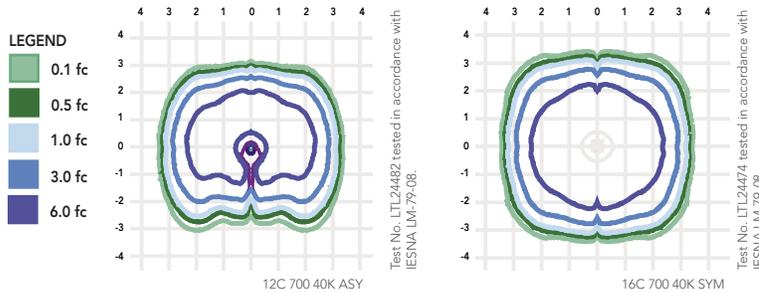
Electrical Load

Light Engines	Drive Current (mA)	System Watts	Current (A)				
			120	208	240	277	347
12C	350	16W	0.158	0.118	0.114	0.109	0.105
	530	22W	0.217	0.146	0.136	0.128	0.118
	700	31W	0.296	0.185	0.168	0.153	0.139
	Amber 450	16W	0.161	0.120	0.115	0.110	0.106
16C	350	20W	0.197	0.137	0.128	0.121	0.114
	530	28W	0.282	0.178	0.162	0.148	0.135
	700	39W	0.385	0.231	0.207	0.185	0.163
	Amber 450	20W	0.199	0.139	0.130	0.123	0.116

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [KBR8 Bollard homepage](#).

Isofootcandle plots for the KB LED Bollards. Distances are in units of mounting height (3').



FEATURES & SPECIFICATIONS

INTENDED USE

The rugged construction and clean lines of the KBA bollard is ideal for illuminating building entryways, walking paths, and pedestrian plazas, as well as any other location requiring a low mounting height light source with fully cutoff illumination.

CONSTRUCTION

One-piece 8-inch round extruded aluminum shaft with thick side walls for extreme durability, a high-impact clear acrylic lens and welded top cap. Die-cast aluminum mounting ring allows for easy leveling even in sloped locations and a full 360-degree rotation for precise alignment during installation. Three 1/2" x 11" anchor bolts with double nuts and washers and 3/4" bolt circle template ensure stability. Overall height is 42" standard.

FINISH

Exterior parts are protected by a zinc-infused super durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering for maximum retention of gloss and luster. A tightly controlled multi-stage process ensures a minimum 3-mil thickness for a finish that can withstand the elements without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Two fully cutoff optical distributions are available: symmetrical and asymmetrical. IP66 sealed LED light engine provides smoothly graduated illumination without any uplight. Light engines are available in standard 4000 K (>70 CRI) or optional 3000 K (>80 CRI) or 5000 K (67 CRI). Limited-wavelength amber LEDs are also available.

ELECTRICAL

Light engines consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (L95/100,000 hours at 700mA at 25°C). Class 2 electronic drivers are designed for an expected life of 100,000 hours with < 1% failure rate. Electrical components are mounted on a removable power tray.

LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated. Rated for -40°C minimum ambient. Cold-weather emergency battery backup rated for -20°C minimum ambient.

BUY AMERICAN

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FARS, DFARS and DOT. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

WARRANTY

Five-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.

