THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT AND THE CITY PUBLIC WORKS AGENCY AT LEAST 48 HOURS (2 WORKING DAYS) PRIOR TO BEGINNING ANY EXCAVATION IN THE VICINITY OF UNDERGROUND FACILITIES.

BCDC DESIGN REVIEW

OAKLAND ARMY BASE

OAKLAND, CA

02/17/17

INDEX OF DRAWING

SHEET NO.	PLAN & TITLE
CS-1	COVER SHEET
CS-2	PROJECT LIMITS AND EXISTING TOPO
DR-1.1	SITE PLAN
DR-1.2	ENLARGED SITE PLAN
DR-1.3	ENLARGED SITE PLAN
DR-2.1	PRELIMINARY PLANTING PLAN
DR-2.2	PRELIMINARY PLANTING MATERIALS
DR-3	GUARDRAIL SECTIONS AND DETAILS
DR-4	EDGE CONDITION- TRANSVERSE SECTION
DR-5.1	SITE DETAILS
DR-5.2	SITE DETAILS
DR-6	HARDSCAPING MATERIALS
DR-7	CUT SHEETS

GENERAL NOTES

1. WALKWAYS AND SIDEWALKS ALONG ACCESSIBLE ROUTES OF TRAVEL (1) ARE CONTINUOUSLY ACCESSIBLE, (2) HAVE MAXIMUM 1/2" CHANGE IN ELEVATION, (3) ARE A MINIMUM 48" IN WIDTH, AND (4) WHERE NECESSARY TO CHANGE ELEVATION AT A SLOPE EXCEEDING 5% (1:20) SHALL HAVE RAMPS COMPLYING WITH ADA. CROSS SLOPE ALONG ACCESSIBLE PATH NOT TO EXCEED 2%.

2. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE CITY BUILDING DEPARTMENT AND LOCAL ORDINANCES. ALL REQUIRED PERMITS SHALL BE OBTAINED.

3. CIVIL, ELECTRICAL AND PLUMBING DRAWINGS FOR EXTENT OF UNDERGROUND WORK RELATED TO ELECTRICAL, GAS, TELEPHONE SERVICES, AND WASTE AND STORM WATER TO BE DETERMINED.

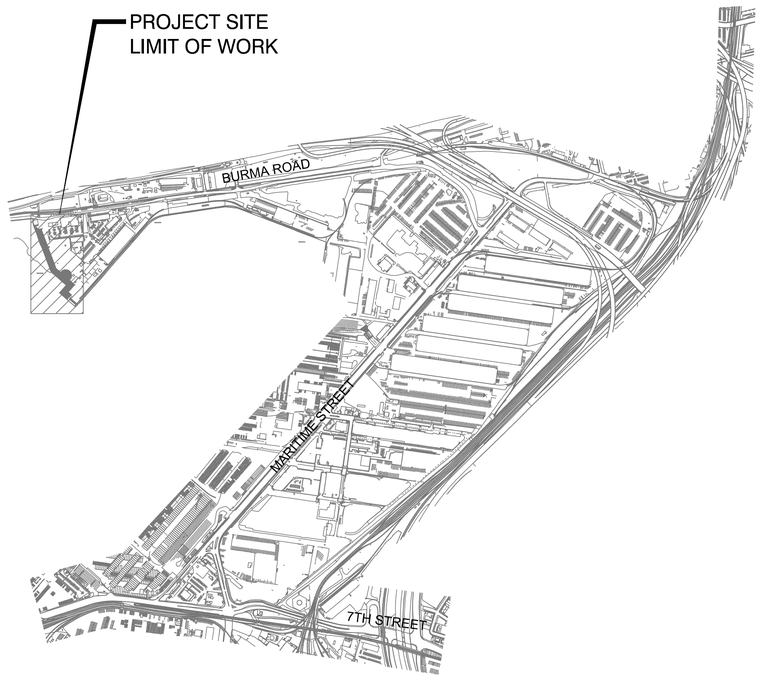
4. SEE LANDSCAPE PLAN FOR LANDSCAPE MATERIALS AND DETAILS.

5. PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY AT ALL PARKING SPACES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES, SEE DTL. 5, X-1905

6. PROVIDE WHEEL STOPS AT HANDICAP SPACES ONLY, SEE DTL. 6, X-1905

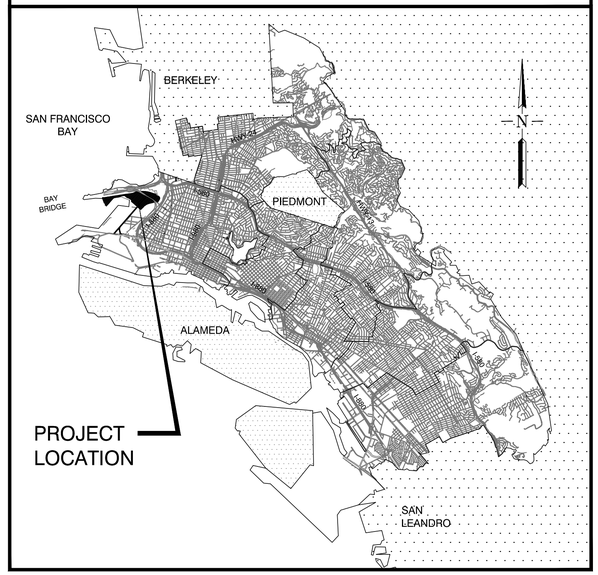
7. PRECISE LOCATION AND DESIGN OF FIRE HYDRANTS TO BE DETERMINED BY CIVIL.

LOCATION MAP



LIMIT OF WORK

CITY MAP



OAKLAND GLOBAL

POST OF OAKLAND · OAKLAND INTERNATIONAL AIRPORT · CITY OF OAKLAND

"one vision, one team, one project"

CITY OF OAKLAND
DEPARTMENT OF ENGINEERING AND CONSTRUCTION
250 FRANK H. OGAWA PLAZA
SUITE 4314
OAKLAND, CA 94612
(510) 238-3437
FAX (510) 238-7227

CITY ENGINEER

WET SIGNATURE
F.J. KENNEDY, P.E., CITY ENGINEER, OAB

LICENSE STAMP

RCE NO. RCE No. EXP. XX/XX/XXXX

CHECKED BY
J.WONG
NAME

DESIGNED BY
J. HEILBRONNER
NAME

DRAWN BY
V. BRIBIESCA
NAME

PROJECT REFERENCE NUMBERS

JOB NO.	OAB02

DRAWING NUMBER

CS-1

SHEET 1 OF 13

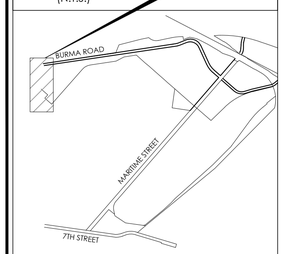
CAT. NO	AD-0819.01		DATE	REVISION EXPLANATION	INITIALS	INITIALS
INV. NO.	34844	REV	DATE	COMMENT	CHECKED BY	C.O.O.

SCALE:

DATE: 02/17/2017

Feb 13, 2017 - 8:52am, Plotted By:vassantib
G:\Cad Files\OAB\OAB02\DELIVERABLES\BCDC PUBLIC ACCESS DESIGN REVIEW\2017_ Design Revisions\20170206_ BCDC- COVERSHEET.dwg

KEY PLAN
(N.T.S.)



LEGEND

- PROPERTY LINE
- EDGE OF WHARF
- BCDC PUBLIC ACCESS LIMIT

SAN FRANCISCO BAY

SEAWALL
100' OFFSET

WATER'S EDGE

ARMY PROPERTY

ARMY PROPERTY

CALTRANS

CITY OF OAKLAND

76'-0"

PROPERTY LINE

CALTRANS

CITY OF OAKLAND

OAB WEST GATEWAY

WHARF

GRADE

WHARF STRUCTURE

OAKLAND OUTER HARBOR

Feb 13, 2017 – 8:56am, Plotted By:vossantib
G:\Cad Files\OAB\OAB02\DELIVERABLES\BCDC PUBLIC ACCESS DESIGN REVIEW\2017_ Design Revisions\20170206_CS-2_ LIMITS AND TOPO.dwg

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ARCHITECTURAL DIMENSIONS

ARCHITECTURAL DIMENSIONS
JAMES HEILBRONNER
510-463-8300
300 FRANK H. OGAWA PLAZA, SUITE 375
OAKLAND, CA 94612

PROJECT INFO.

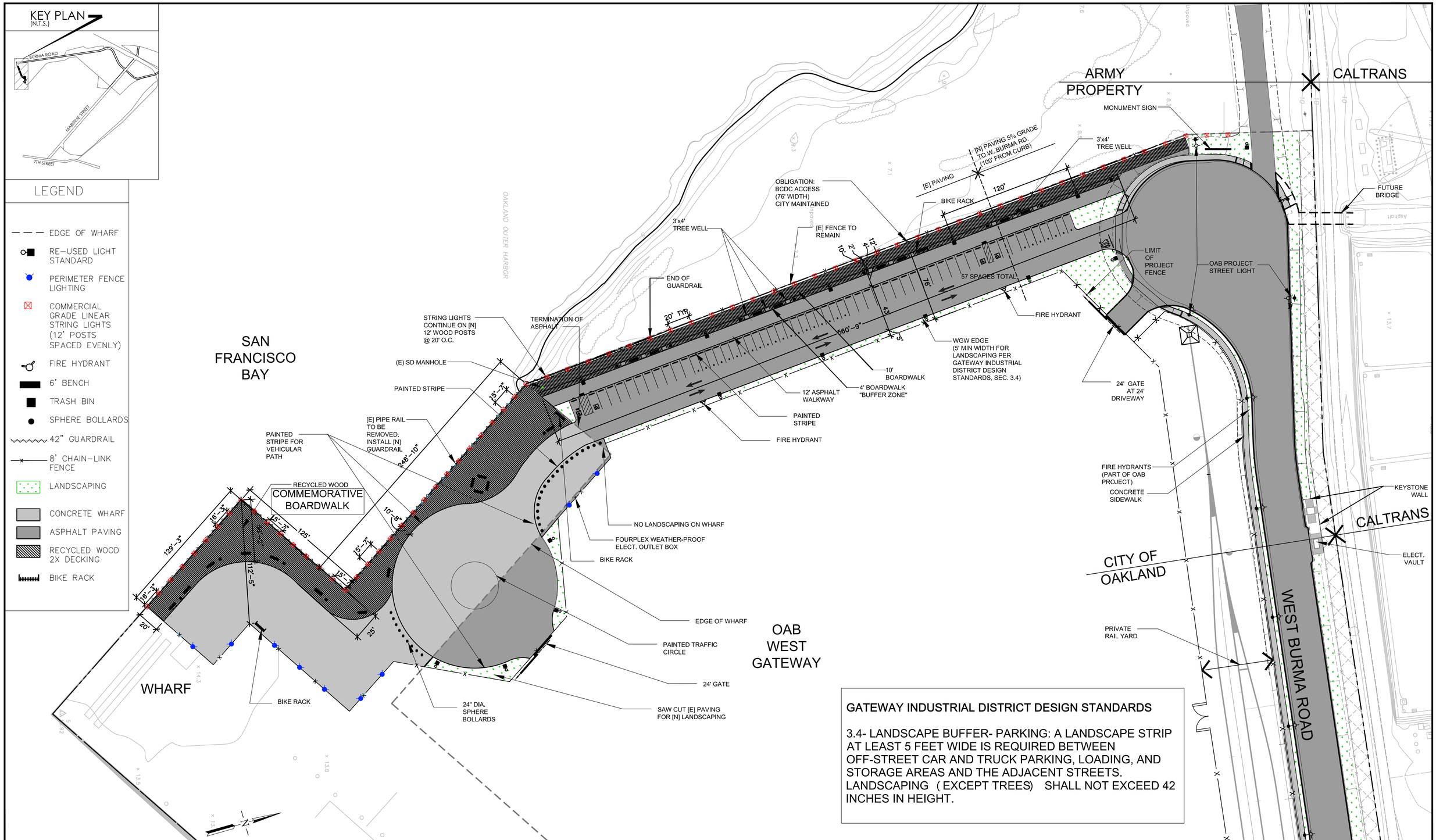
PROJECT LIMITS AND EXISTING TOPO
OAKLAND ARMY BASE
CITY OF OAKLAND, ALAMEDA COUNTY, CALIFORNIA

CAT. NO	AD-0819.02
INV. NO.	34845

REV	DATE	COMMENT

JOB NO.	OAB02
SCALE:	1:40
DATE:	02/17/2017
DRAWN BY:	V. BRIBIESCA
CHECKED BY:	J. WONG

DRAWING NO.
CS-2
SHEET 2 OF 13



GATEWAY INDUSTRIAL DISTRICT DESIGN STANDARDS

3.4- LANDSCAPE BUFFER- PARKING: A LANDSCAPE STRIP AT LEAST 5 FEET WIDE IS REQUIRED BETWEEN OFF-STREET CAR AND TRUCK PARKING, LOADING, AND STORAGE AREAS AND THE ADJACENT STREETS. LANDSCAPING (EXCEPT TREES) SHALL NOT EXCEED 42 INCHES IN HEIGHT.

OAKLAND GLOBAL
PORT OF OAKLAND
CITY OF OAKLAND
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ARCHITECTURAL DIMENSIONS

ARCHITECTURAL DIMENSIONS
JAMES HEILBRONNER
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OAKLAND, CA 94612

PROJECT INFO.

SITE PLAN
OAKLAND ARMY BASE
CITY OF OAKLAND, ALAMEDA COUNTY, CALIFORNIA

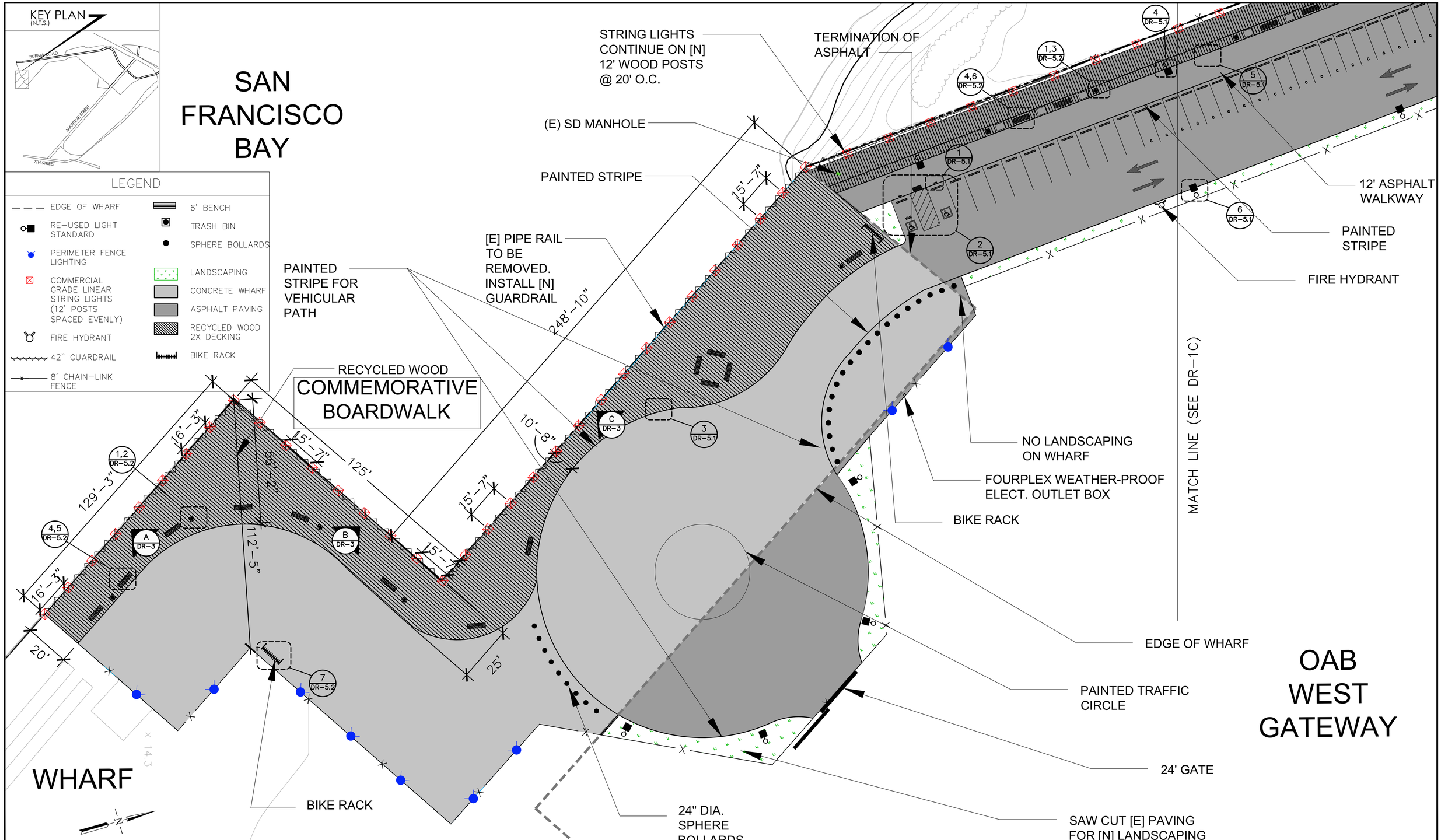
CAT. NO	AD-0819.03
INV. NO.	34846

REV	DATE	COMMENT

JOB NO.	OAB02
SCALE:	1" = 40'-0"
DATE:	02/17/2017
DRAWN BY:	V. BRIBIESCA
CHECKED BY:	J. WONG

DRAWING NO.
DR-1.1
SHEET 3 OF 13

Feb 16, 2017 - 2:07pm, Plotted By: vassantib
G:\Cad Files\OAB02\DELIVERABLES\BCDC PUBLIC ACCESS DESIGN REVIEW\2017_ Design Revisions\20170207_ BCDC- SITE PLAN.dwg



OAKLAND GLOBAL
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ARCHITECTURAL DIMENSIONS

ARCHITECTURAL DIMENSIONS
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PROJECT INFO.

ENLARGED SITE PLAN
OAKLAND ARMY BASE
CITY OF OAKLAND, ALAMEDA COUNTY, CALIFORNIA

CAT. NO	AD-08019.04
INV. NO.	34847

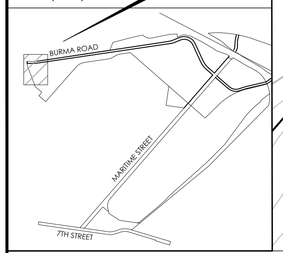
REV	DATE	COMMENT

JOB NO.	OAB02
SCALE:	1" = 20'-0"
DATE:	02/17/2017
DRAWN BY:	J. WONG
CHECKED BY:	V.BRIBIESCA

DRAWING NO.
DR-1.2
SHEET 4 OF 13

Feb 16, 2017 - 4:22pm, Plotted By:vassantib
G:\Cad Files\OAB\OAB02\DELIVERABLES\BCDC PUBLIC ACCESS DESIGN REVIEW\2017_ Design Revisions\20170207_ BCDC- SITE PLAN.dwg

KEY PLAN
(N.T.S.)



LEGEND

- EDGE OF WHARF
- RE-USED LIGHT STANDARD
- PERIMETER FENCE LIGHTING
- COMMERCIAL GRADE LINEAR STRING LIGHTS (12' POSTS SPACED EVENLY)
- FIRE HYDRANT
- 42" GUARDRAIL
- 8' CHAIN-LINK FENCE
- 6' BENCH
- TRASH BIN
- SPHERE BOLLARDS
- LANDSCAPING
- CONCRETE WHARF
- ASPHALT PAVING
- RECYCLED WOOD 2X DECKING
- BIKE RACK

OBLIGATION:
BCDC ACCESS
(76' WIDTH)
CITY MAINTAINED

[E] FENCE TO REMAIN

[E] PAVING

[N] PAVING 5% GRADE TO W. BURMA RD. (100' FROM CURB)

120'

BIKE RACK

MONUMENT SIGN

3'x4' TREE WELL

LIMIT OF PROJECT FENCE

OAB PROJECT STREET LIGHT

57 SPACES TOTAL

10'

2'

12'

4'

76'

43'

5'

20' TYP.

FIRE HYDRANT

WGW EDGE
(5' MIN WIDTH FOR LANDSCAPING PER GATEWAY INDUSTRIAL DISTRICT DESIGN STANDARDS, SEC. 3.4)

10' BOARDWALK

4' BOARDWALK "BUFFER ZONE"

12' ASPHALT WALKWAY

PAINTED STRIPE

FIRE HYDRANT

24' GATE AT 24' DRIVEWAY

FIRE HYDRANTS (PART OF OAB PROJECT)

CONCRETE SIDEWALK

MATCH LINE (SEE DR-1B)

Feb 16, 2017 - 2:08pm, Plotted By: vassantib
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ARCHITECTURAL DIMENSIONS

ARCHITECTURAL DIMENSIONS
JAMES HEILBRONNER
510-463-8300
300 FRANK H. OGAWA PLAZA, SUITE 375
OAKLAND, CA 94612

PROJECT INFO.

ENLARGED SITE PLAN
OAKLAND ARMY BASE
CITY OF OAKLAND, ALAMEDA COUNTY, CALIFORNIA

CAT. NO	AD-0819.05
INV. NO.	34848

REV	DATE	COMMENT

JOB NO.	OAB02
SCALE:	1" = 20'-0"
DATE:	02/17/2017
DRAWN BY:	V. BRIBEISCA
CHECKED BY:	J. WONG

DRAWING NO.
DR-1.3
SHEET 5 OF 13

Pedestrian Path Tree
Aesculus californica
buckeye

Entry Tree
Lagerstroemia indica x L. fauriei 'Tuscarora'
Tuscarora Crape Myrtle

Parking Lot Tree
Robinia x ambigua
Purple Flowering Locust

Tall Shrubs
Criteria: No wider than 8-feet, 6 to 10-feet tall at maturity, evergreen, drought tolerant, native or climate adapted.

Location: In planting areas east of the turnaround at least 6-feet wide, and planted 4 feet from roadway.

- *Arctostaphylos densiflora, 'Howard McMinn'*, Howard McMinn manzanita
- *Ceanothus 'Wheeler Canyon'*, Blue Mountain Lilac
- *Frangula californica, 'Eve Case'*, Eve Case coffeeberry

Ground Covers
Criteria: No wider than 8-feet, up to 42 inches tall, drought tolerant, native or climate adapted.

Location: Under trees and in planting areas less than 6-feet wide.

- *Arctostaphylos 'Pacific Mist'*, Pacific Mist manzanita
- *Ceanothus maritimus*, maritime ceanothus
- *Epilobium californicum*, California fuchsia
- *Erigeron glaucus*, beach daisy
- *Eriogonum grande var. rubescens*, red-flowered buckwheat

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ARCHITECTURAL DIMENSIONS

GOLDEN ASSOCIATES
LANDSCAPE ARCHITECTURE. URBAN DESIGN. PLANNING.
300 FRANK H. OGAWA, SUITE #308, OAKLAND CA 94612
TEL: 510.465.4030 FAX: 510.465.5325 CA LIC. #2431

PROJECT INFO.

BCDC PRELIMINARY PLANTING PLAN
OAKLAND ARMY BASE
CITY OF OAKLAND, ALAMEDA COUNTY, CALIFORNIA

CAT. NO	AD-0819.06
INV. NO.	34849

REV	DATE	COMMENT

JOB NO.	OAB02
SCALE:	1" = 30'-0"
DATE:	02/17/2017
DRAWN BY:	V. BRIBIESCA
CHECKED BY:	J. WONG

DRAWING NO.
DR-2.1
SHEET 6 OF 13

Screening Shrub: *Arctostaphylos 'Howard McMinn'*, Howard McMinn manzanita

Ground Cover: *Eriogonum grande var. rubescens*, red-flowered buckwheat

Red-flowered buckwheat detail

Howard McMinn manzanita in bloom

Entry Tree: *Ceanothus x Ray Hartman*
Ray Hartman Ceanothus

Ground Cover: *Ceanothus maritimus*, maritime ceanothus

Parking Lot Tree: *Robinia x ambigua*,
Purple Flowering Locust

Screening Shrub: *Ceanothus 'Wheeler Canyon'*,
blue mountain lilac

Ground Cover: *Arctostaphylos 'Pacific Mist'*,
Pacific Mist manzanita

Pedestrian Path Tree: *Aesculus californica*
Buckeye

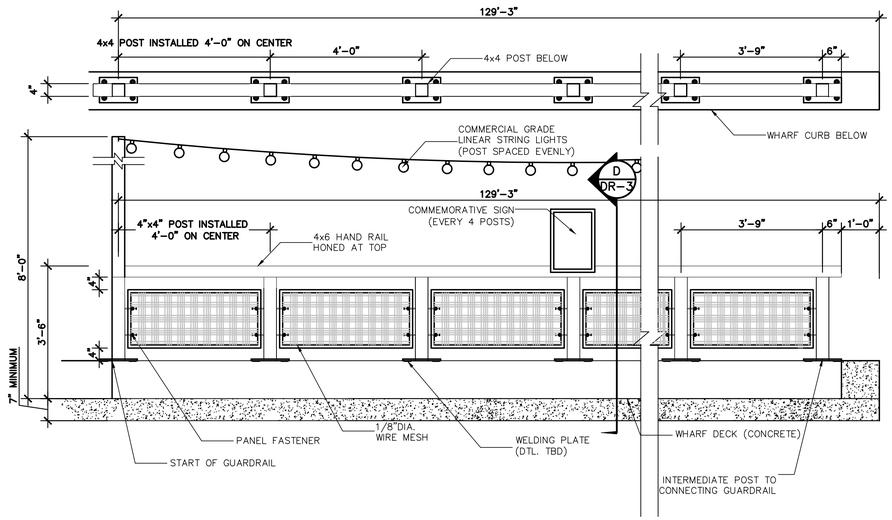
Ground Cover: *Erigeron glaucus*, seaside daisy

Pacific Mist manzanita in bloom

Entry Tree: *Lagerstroemia indica x L. fauriei 'Tuscarora'*
Tuscarora Crape Myrtle

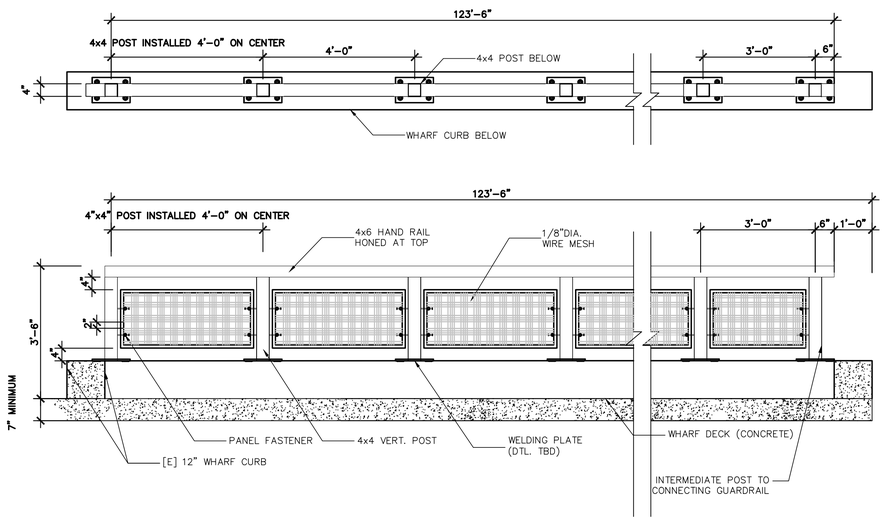
Screening Shrub: *Frangula californica 'Eve Case'*, Coffeeberry

Ground Cover: *Epilobium californicum*, California fuschia



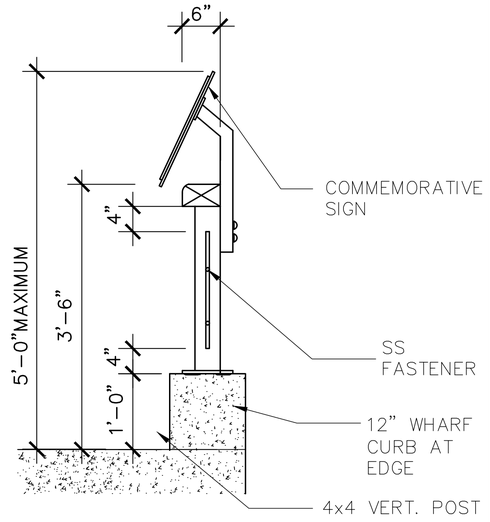
A GUARDRAIL ON HARD DECK ELEVATION A

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



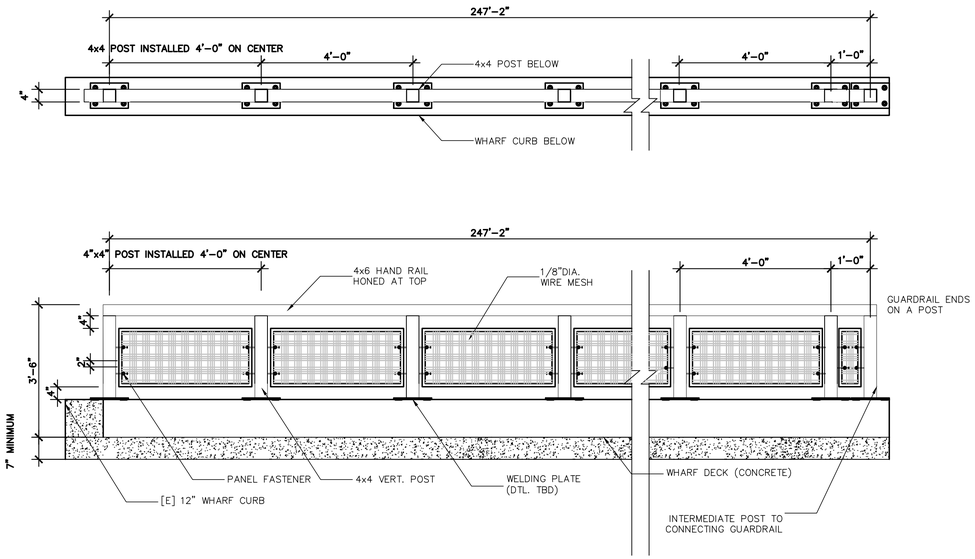
B GUARDRAIL ON HARD DECK ELEVATION B

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



D GUARDRAIL SECTION

SCALE : 3/4" = 1'-0"



C GUARDRAIL ON HARD DECK ELEVATION C

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

EXAMPLE OF PANEL SYSTEM GUARDRAIL

IMAGE FOR VISUAL REFERENCE ONLY. NOT PROPOSED DESIGN.

NOTE:

1. ALL VIEWS FROM BCDC PUBLIC ACCESS
2. EXACT LENGTH OF LUMBER PIECES TBD

Feb 16, 2017 - 4:55pm, Plotted By:vassantib
G:\Cad Files\OAB\OAB02\DELIVERABLES\BCDC PUBLIC ACCESS DESIGN REVIEW\2017_ Design Revisions\20170214_ BASE MODEL- ELEVATIONS.dwg

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ARCHITECTURAL DIMENSIONS

ARCHITECTURAL DIMENSIONS
JAMES HEILBRONNER
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OAKLAND, CA 94612

PROJECT INFO.

GUARDRAIL ELEVATIONS AND DETAILS
OAKLAND ARMY BASE
CITY OF OAKLAND, ALAMEDA COUNTY, CALIFORNIA

CAT. NO	AD-0819.08
INV. NO.	34851

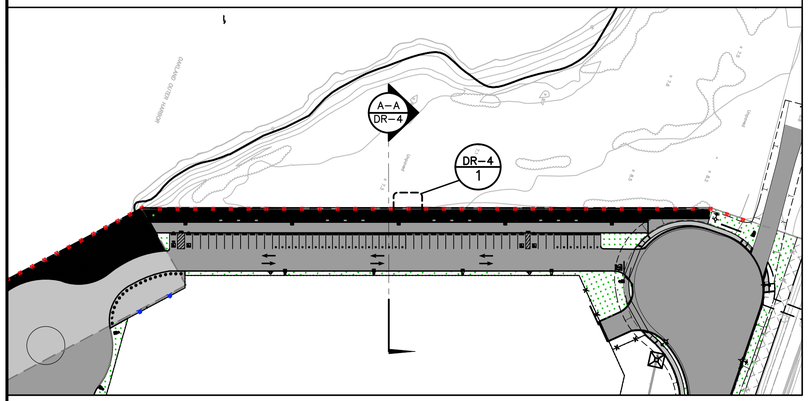
REV	DATE	COMMENT

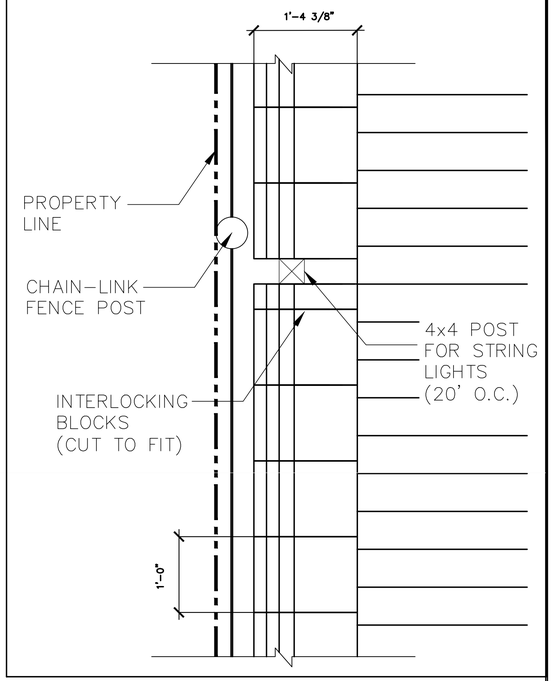
JOB NO.	OAB02
SCALE:	1/2 = 1'-0"
DATE:	02/17/2017
DRAWN BY:	V. BRIBIESCA
CHECKED BY:	J. WONG

DRAWING NO. DR-3

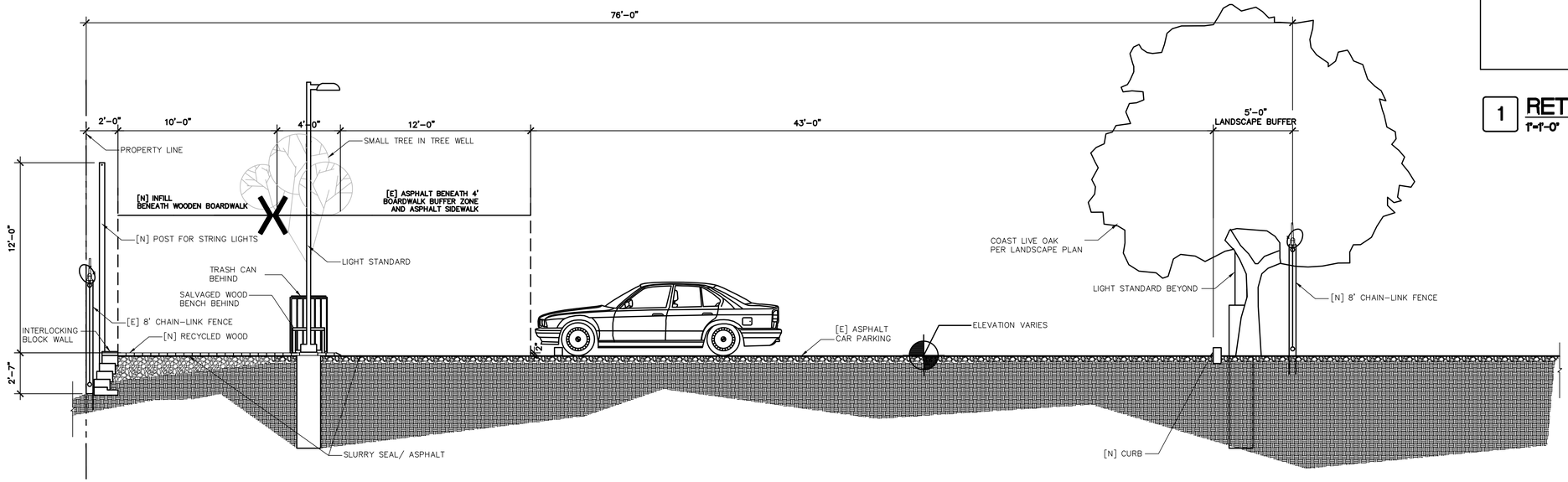
SHEET 8 OF 13

KEY MAP
NTS





1 RETAINING_WALL_DETAIL_PLAN
1"=1'-0"



A-A TRANSVERSE_SECTION
1/4"=1'-0"

Feb 16, 2017 - 4:56pm, Plotted By:vasantb
G:\Cad Files\OAB\OAB02\DELIVERABLES\BCDC PUBLIC ACCESS DESIGN REVIEW\2017_ Design Revisions\20170214_ BASE MODEL- ELEVATIONS.dwg

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ARCHITECTURAL DIMENSIONS

ARCHITECTURAL DIMENSIONS
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OAKLAND, CA 94612

PROJECT INFO.

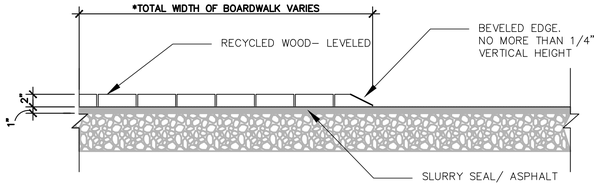
EDGE CONDITION TRANSVERSE SECTION
OAKLAND ARMY BASE
CITY OF OAKLAND, ALAMEDA COUNTY, CALIFORNIA

CAT. NO	AD-0819.09
INV. NO.	34852

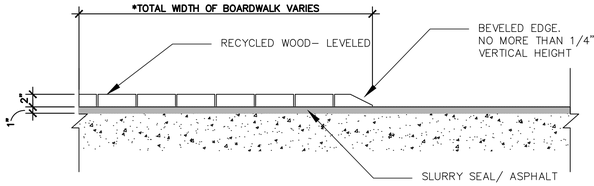
REV	DATE	COMMENT

JOB NO.	OAB02
SCALE:	1/4"=1'- 0"
DATE:	02/17/2017
DRAWN BY:	V. BRIBIESCA
CHECKED BY:	J. WONG

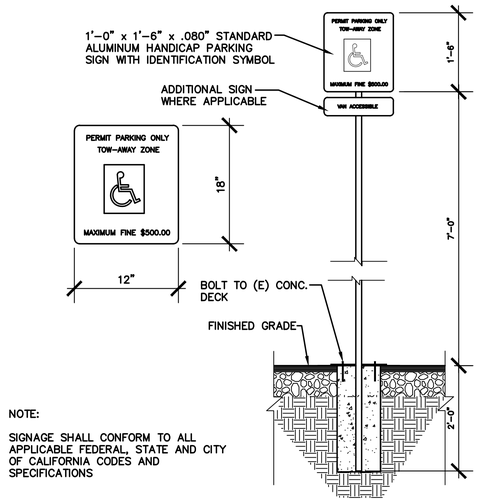
DRAWING NO.
DR-4
SHEET 9 OF 13



5 BOARDWALK TRANSITION– ON PAVING
SCALE : 1" = 1'-0"



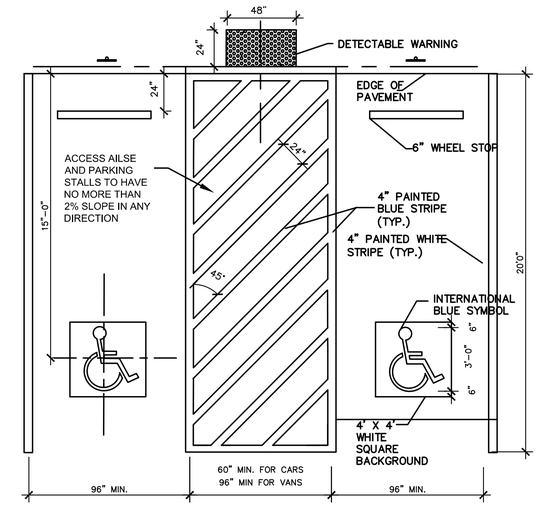
3 BOARDWALK TRANSITION– ON DECK
SCALE : 1" = 1'-0"



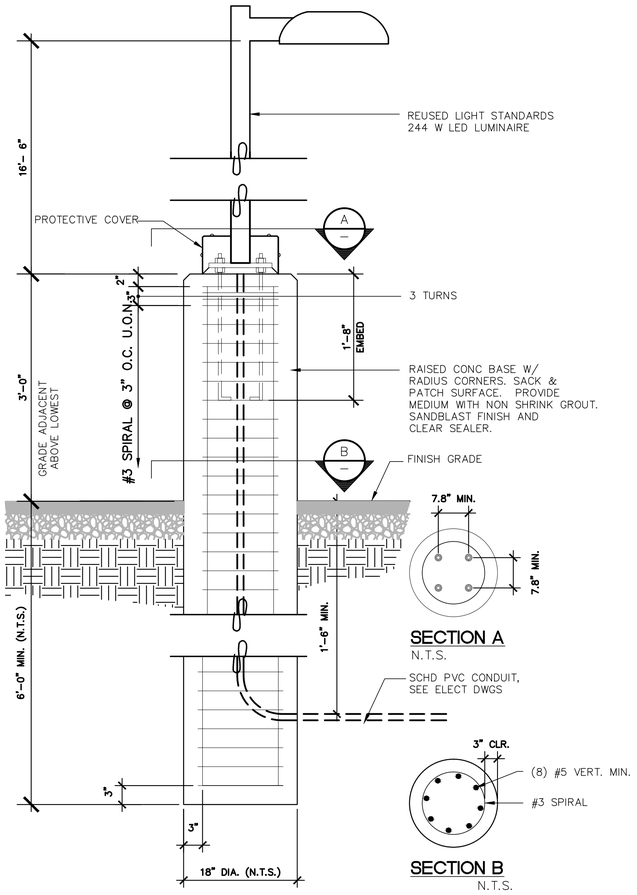
NOTE:

SIGNAGE SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND CITY OF CALIFORNIA CODES AND SPECIFICATIONS

1 ACCESSIBLE PARKING SIGN
SCALE : 1" = 1'-0"



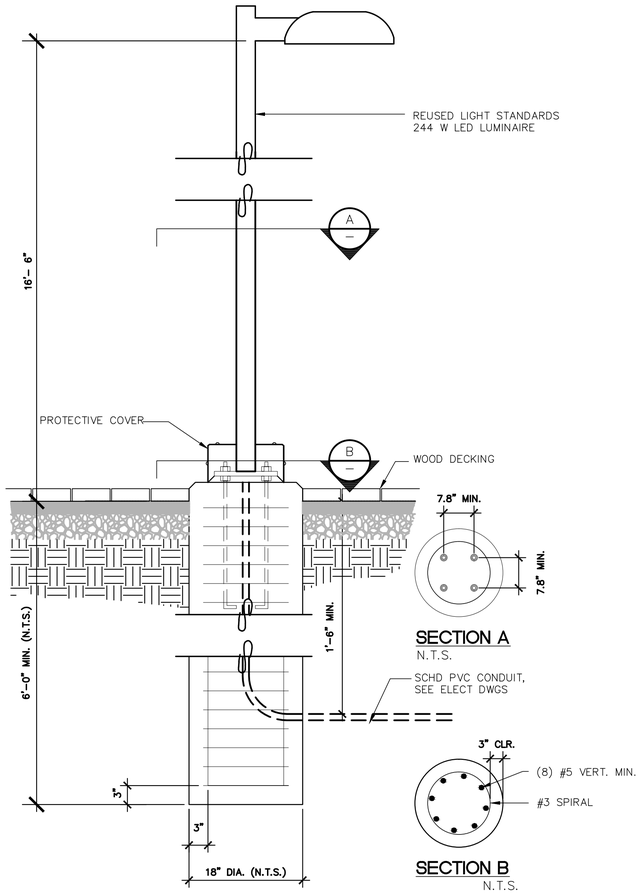
2 ACCESSIBLE PARKING STRIPING
SCALE : 1/4" = 1'-0"



SECTION A
N.T.S.

SECTION B
N.T.S.

6 LIGHT STANDARD– ON PAVING
SCALE : 1" = 1'-0"



SECTION A
N.T.S.

SECTION B
N.T.S.

4 LIGHT STANDARD– ON BOARDWALK
SCALE : 1" = 1'-0"

NOTES:

1. THICKNESS OF WHARF DECK VARIES FROM 7" TO 22"
2. WHARF CONNECTIONS TBD

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ARCHITECTURAL DIMENSIONS

ARCHITECTURAL DIMENSIONS
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PROJECT INFO.

SITE DETAILS
OAKLAND ARMY BASE
CITY OF OAKLAND, ALAMEDA COUNTY, CALIFORNIA

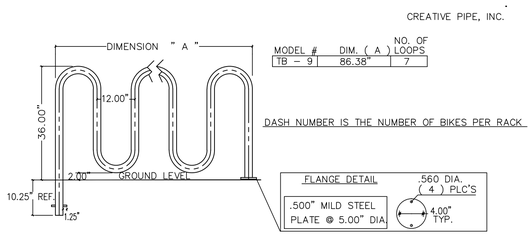
CAT. NO	AD-0819.10
INV. NO.	34853

REV	DATE	COMMENT

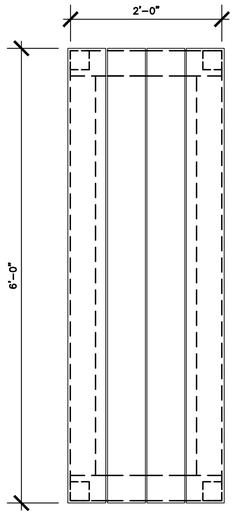
JOB NO.	OAB02
SCALE:	
DATE:	02/17/2017
DRAWN BY:	V. BRIBIESCA
CHECKED BY:	J. WONG

DRAWING NO.
DR-5.1
SHEET 10 OF 13

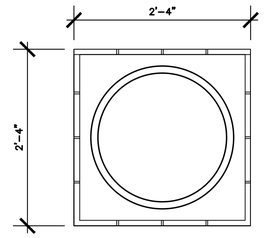
Feb 16, 2017 – 4:20pm, Plotted By:vasantib
G:\Cad Files\OAB\OAB02\DELIVERABLES\BCDC PUBLIC ACCESS DESIGN REVIEW\2017_ Design Revisions\20170216_DETAILS SHEET.dwg



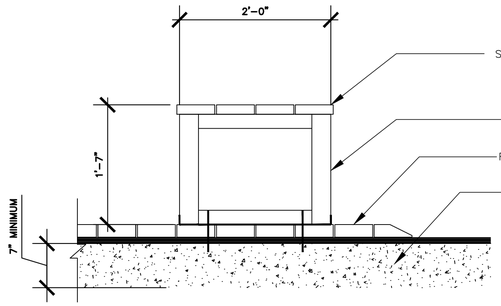
7 BIKE RACK DETAILS.
SCALE: 1/2" = 1'-0"



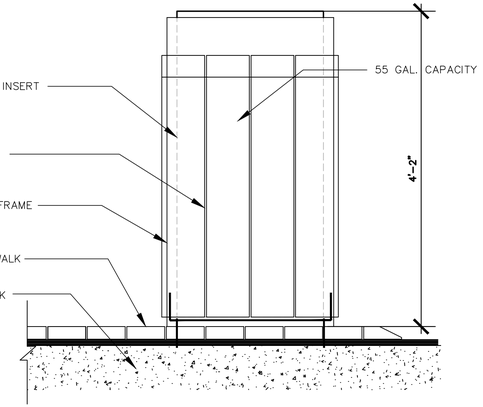
4 TYP. BENCH PLAN
SCALE : 1" = 1'-0"



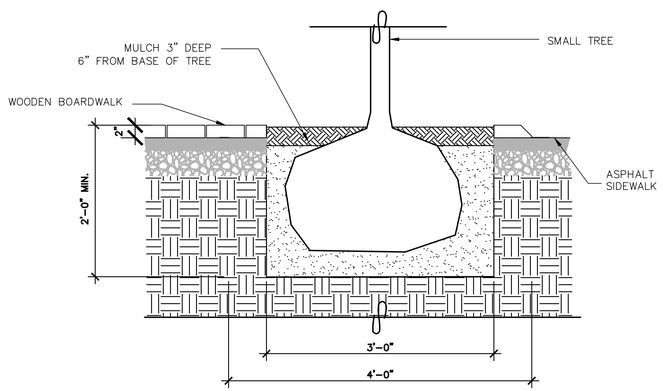
1 TRASH BIN PLAN
SCALE : 1" = 1'-0"



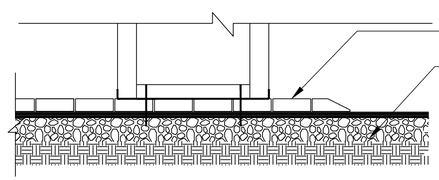
5 TYP. BENCH ELEVATION- ON DECK
SCALE : 1" = 1'-0"



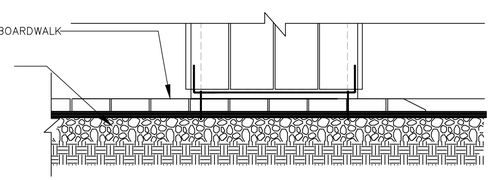
2 TRASH BIN ELEVATION- ON DECK
SCALE : 1" = 1'-0"



9 TREE WELL ELEVATION
SCALE : 1" = 1'-0"



6 TYP. BENCH ELEVATION- ON PAVING
SCALE : 1" = 1'-0"



3 TRASH BIN ELEVATION- ON PAVING
SCALE : 1" = 1'-0"

NOTES:

1. THICKNESS OF WHARF DECK VARIES FROM 7" TO 22"

2. WHARF CONNECTIONS TBD

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ARCHITECTURAL DIMENSIONS

ARCHITECTURAL DIMENSIONS
JAMES HEILBRONNER
510-463-8300
300 FRANK H. OGAWA PLAZA, SUITE 375
OAKLAND, CA 94612

PROJECT INFO.

SITE DETAILS
OAKLAND ARMY BASE
CITY OF OAKLAND, ALAMEDA COUNTY, CALIFORNIA

CAT. NO	AD-0819.11
INV. NO.	34854

REV	DATE	COMMENT

JOB NO.	OAB02
SCALE:	
DATE:	02/17/2017
DRAWN BY:	V. BRIBIESCA
CHECKED BY:	J. WONG

DRAWING NO.
DR-5.2
SHEET 11 OF 13

Feb 16, 2017 – 4:11pm, Plotted By:vasantib
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REUSED LIGHT STANDARD
QTY: 15

TRASH BIN (FROM SALVAGED WOOD)
QTY: 13

6' BENCH (FROM SALVAGED WOOD)
QTY: 11

6' HC ACCESSIBLE BENCH (FROM SALVAGED WOOD)
QTY: 10

* ACCESSIBLE SEATING WILL BE PROVIDED PER CBC SECTION 903. SEAT HEIGHT AT 17-19 INCHES OFF OF FLOOR, FULL BACK SUPPORT, AND ARMRESTS TO ASSIST IN SITTING AND STANDING

NOTES:

1. IMAGES USED MAY NOT REPRESENT EXACT MODEL OR CONFIGURATION OF ITEM.

2. FINAL DESIGN TO BE DETERMINED BY SALVAGEABLE PARTS.

3. ADA DOES NOT REQUIRE ACCESSIBLE OUTDOOR BENCHES (SEC. 903)

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ARCHITECTURAL DIMENSIONS

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OAKLAND, CA 94612

PROJECT INFO.

HARDSCAPING MATERIALS
OAKLAND ARMY BASE
CITY OF OAKLAND, ALAMEDA COUNTY, CALIFORNIA

CAT. NO	AD-0819.12
INV. NO.	34855

REV	DATE	COMMENT

JOB NO.	OAB02
SCALE:	N.T.S.
DATE:	02/17/2017
DRAWN BY:	V. BRIBIESCA
CHECKED BY:	J. WONG

DRAWING NO.
DR-6
SHEET 12 OF 13

Feb 16, 2017 - 4:54pm, Plotted By:vassantib
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PERIMETER LIGHTS TO BE MOUNTED ON CHAIN-LINK FENCE

Lighting Specification Sheet **PERIMETER SERIES** Old world craftsmanship, today's technology

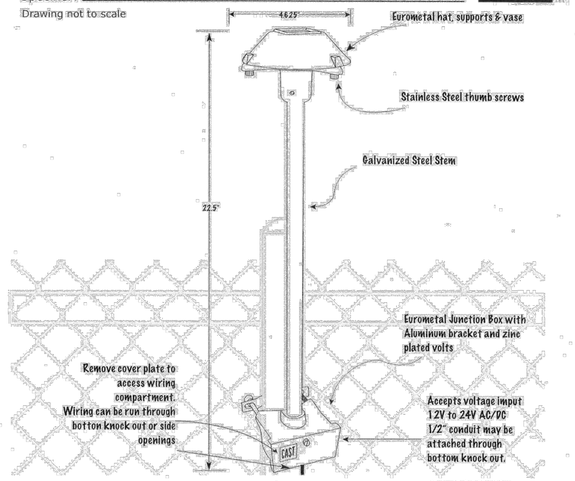
CAST Perimeter Light (CPL1)

Project: _____ Date: _____

Fixture Type: _____ Quantity: _____

Specifier: _____

Drawing not to scale



Plan Symbol:

Specifications

- Impur Voltage: 12 volts to 24 volts AC or DC (polarity dependant)
- Imput Current and Power: 0.41amps (+/- 10%); 6.2 watts (+/- 18%) (over 12-24v range)
- Power Factor: 0.88 (+/- 0.1) (over 12-24v range)
- Ambient Temperature Range: -40C to 55C

ACCESSORIES

- 24v (200VA) CAST Perimeter Transformers (CPT300, CPT600, E1CPT300, E1CPT600)
- CAST No-Ox Tin-Coated, Marine-Grade Wire (all sizes)
- CAST Photocell (CTPC, CTRTC)

2-1-13 973•423•2303 | www.cast-lighting.com | ©Copyright 2012 CAST Lighting LLC. cpl1specs

11/22/2016 Cast Lighting Perimeter Security - Hoover Fence Company

1-800-355-2335 | Mon-Fri 9am-5pm EST | Contact Us | Live Chat Sign In Track Order

Since 1978

HOOVER FENCE CO.

Your Online Fence Resource

0 items

CAST LIGHTING INDEX

QUICK LINKS:

LED PERIMETER FENCE LIGHTS | LED PERIMETER WALL PACK LIGHTS | LED PERIMETER FENCE LIGHTING KITS

CAST LED PERIMETER FENCE LIGHTS:
Old world craftsmanship; today's technology
Security Lighting Fixtures for Perimeter Lighting
"Remarkable savings with award-winning LED perimeter lighting."
Winner of 7 security & lighting industry awards!

Proud and Endorsed

CAST LED Perimeter Lighting CPL1: Designed to be easily installed, require no maintenance, and to provide significant savings on materials, labor, and energy. Up to 80% savings compared to typical perimeter lighting. Glare-free and highly targeted to provide optimal lighting for security officers and cameras, The CPL1 Perimeter Light (265lm) sets the new standard for security lighting on chain link perimeter fence.

No. CPL1

CAST LED Perimeter Fence Lights CPL1
"The combination of low-wattage LED's and extremely wide voltage range allow perimeter lighting runs up to 500 ft. per low-voltage wire."
A low-voltage security lighting system comprised of rugged LED luminaires and a reliable power supply. Mounted on fence posts, these lights are simple and quick to install, and consume a fraction of the energy of traditional security lighting. Can also be used in any lighting application where long wire runs are required (such as wooded paths and piers). These luminaires have numerous applications for a variety of end users in both permanent and temporary installations.

Applications:
- Commercial and Municipal Properties to illuminate long perimeters or pathways
- Residential areas where perimeters need added security but must comply with strict dark-sky ordinances
- Public Parks
- Temporary Fence Providers
- Event Providers
- Construction Companies to secure construction sites
- Aid and Relief Stations
- Airport Perimeters
- Energy Providers for power plants and substations
- Law Enforcement to secure accident and crime scenes
- Military - for permanent installations and rapid deployment settings

Features:
- Rapid return-on-investment - can replace high-wattage flood lights
- Provides no-glare lighting for security cameras and guards
- Each fixture pole-mounted with 2-bolt saddle-clamp and built-in junction box designed to illuminate a 30-ft. section of fence.
- Outdoor White Diner LED's with a predicted life of 60,590 hours (10 years).
- All components protected from dust and moisture - impervious to physical damage.
- Unbreakable cast metal construction.
- Low-voltage eliminates risk of electric shock.
- Extremely wide input voltage range - from 12 to 24 volts.
- A single 24v wire-run powers 17 lights to illuminate 500 ft. of fence for less than $100 per year energy cost.
- Dark-sky compliant - full-cutoff fixtures do not contribute to light pollution and light trespass.

More Information: Brochure | Specifications | Installation Manual | Installation Manual (SP) | Videos | Pictures

CAST LED Perimeter Lighting Transformers:
CAST 24V Perimeter Lighting System Transformers are designed to power CAST Perimeter Lights (CPL1). These perimeter lights mount on chain link fence posts to provide a highly energy-efficient LED illumination of long perimeter fences. Transformers are available in four styles. The 300W and 600W 24 Volt transformers are available for 120V or 220/240V power supplies. All transformers have the common features listed below.

Features:
- Resin-sealed toroidal core.
- Built-in manual timer.
- Photocell plug and enclosure knock-out to connect and mount optional photocells.
- 24-volt tap with Low-Off-High switch to change 24-volt tap to 20-volt tap.
- Secondary magnetic circuit breaker.
- Stainless steel enclosure.
- Lifetime warranty on enclosure and core.
- 3-year warranty on timer and electrical components.

Available Transformers:
- CPT300 (300W/120V) - Specifications
- CPT600 (600W/120V) - Specifications
- E1CPT300 (300W/220V) - Specifications
- E1CPT600 (600W/220V) - Specifications

CPT300 / E1CPT300 CPT600 / E1CPT600

CAST Plug-In Photo Cells
CAST Lighting Photocells CTPC (120V) and E1CRPC (220V) attach to transformers to switch on power at dusk. The is typically used in conjunction with a CAST Timer. Quick-connect to transformer photocell plug. Locking ring and nut secures unit in knock-out opening.
The CTRPC Photo Cell is a remote unit equipped with a 20' lead wire to allow for remote positioning of the photocell. Stainless steel mounting bracket and screws included.
Installation Instructions

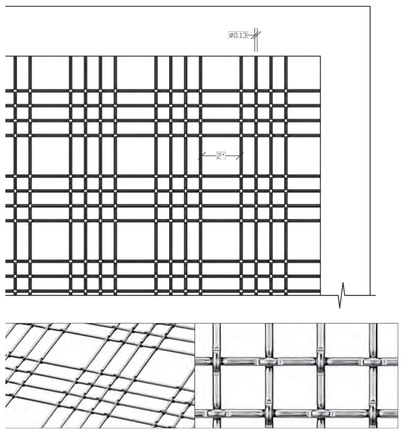
CAST No-Ox® Wire
Tin-Coated Marine Grade Lighting Wire is highly corrosion resistant and retains it's conductivity far longer than all-copper wire.
Wire is wound and shrink-wrapped in 250' or 500' spools.
Marked with feet remaining on roll.
UL Listed for direct burial.
Why Tin-Coated Wire?

http://www.hooverfence.com/outdoor-lighting/cast-lighting/perimeter/CPL1.htm 1/2

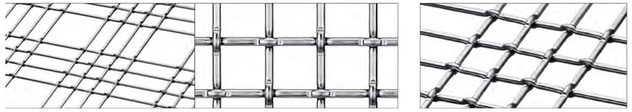
GUARDRAIL PANEL INFILL (POSTS FROM RECYCLED LUMBER)

PRODUCT DATA
INFILL PANEL WIRE MESH **WM-17**

VIVA RAILINGS
MODULAR RAILING SYSTEMS
vivarailings.com
05 7300
ORNAMENTAL HANDRAILS & RAILINGS



PIECE MARK	WM-17
MESH CATEGORY	LARGE
PERCENT OPEN AREA	77.4 %
WEIGHT	1.040 lbs/sq ft
AVAILABLE ALLOYS	Stainless, Mild Steel, Aluminum, Bronze, Brass, Copper, Pre-Galv, Galfan
OVERALL MESH THICKNESS	0.270 INCHES
MAX. PANEL WIDTH	48 inches
FRAME DIMENSIONS	see drawing
CLEAR OPENING DIMENSIONS	see drawing



VIVA RAILINGS, LLC.

1454 HALSEY WAY, CARROLLTON, TX 75007

PH:972 353 8482 | FAX: 972 353 0013 | www.vivarailings.com | info@vivarailings.com

WEATHER-PROOF ELECTRICAL OUTLET BOX

While In Use Weatherproof Cover, Clear

TAYMAC (/b/TAYMAC/) | Zoro #: G5210746 | Mfr #: MM2410C

0.0 Be the first to Write a Review (/review?pr_page_id=G5210746)

Zoro #: G5210746 | **Mfr #:** MM2410C

Gasket Material: Polyethylene Foam

Item: While In Use Weatherproof Cover

Includes: Attached Gasket and Mounting Hardware

Features: Quick-Fit Patented Key Hole Mount Allows for Easy Installation, Base Configuration with Patented Knock-Out and Trade Technology Allows for Custom Fitting

Receptacle Type: Duplex, GFCI, Switch, and Rounds

Body Material: Polycarbonate

Number of Gangs: 2

Height: 5-1/2"

Depth: 3"

Color: Clear

Standards: UL

Mounting Orientation: Horizontal or Vertical

Width: 5-7/16"

Country of Origin (subject to change): United States

Product Description

Feb 16, 2017 - 4:50pm, Plotted By:vasantib
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"one vision, one team, one project"

ARCHITECTURAL DIMENSIONS

ARCHITECTURAL DIMENSIONS
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PROJECT INFO.

CUT SHEETS
OAKLAND ARMY BASE
CITY OF OAKLAND, ALAMEDA COUNTY, CALIFORNIA

CAT. NO AD-0807.13
INV. NO. 34856

REV	DATE	COMMENT		
			JOB NO.	OAB02
			SCALE:	
			DATE:	02/17/2017
			DRAWN BY:	V. BRIBIESCA
			CHECKED BY:	J. WONG

DRAWING NO.
DR-7
SHEET 13 OF 13