



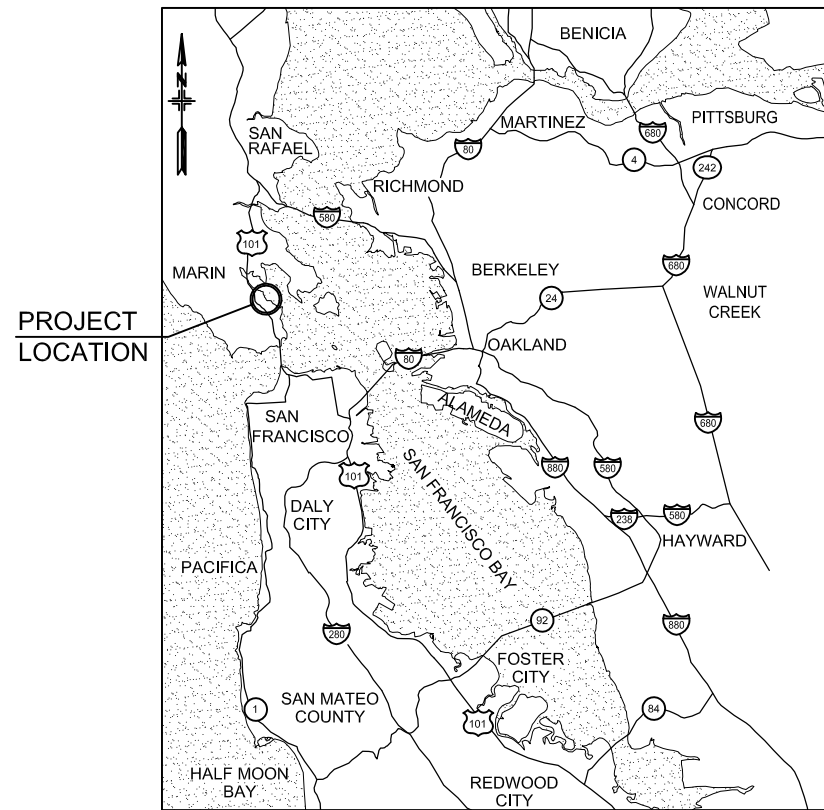
Golden Gate Bridge, Highway and Transportation District

SAUSALITO FERRY TERMINAL IMPROVEMENTS

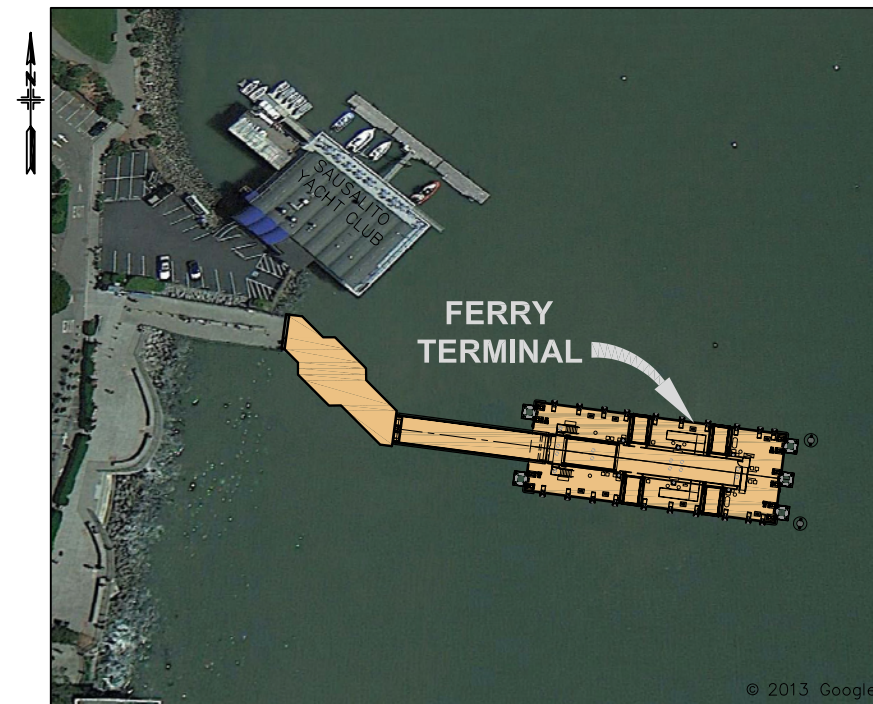
CONTRACT NO. 2010-FT-3

(HALF-SIZE)

CUT SCALE ON DRAWINGS IN HALF



VICINITY MAP
SCALE IN MILES
0 5 10



SAUSALITO FERRY TERMINAL
NO SCALE



LOCATION PLAN
NO SCALE

**CITY OF SAUSALITO SUBMITTAL
NOT FOR CONSTRUCTION
MARCH 24, 2015**

MARCH 24, 2015

GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

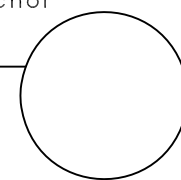
APN 065-073-05 AND APN 065-133-22

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| DRAWN | BY TE | CHECKED |
| QUANTITIES | BY | CHECKED |

BO JENSEN
PROJECT MANAGER

moffatt & nichol
2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER
07/18/2014
PLANS APPROVAL DATE



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| CONTRACT NO. 2011-B-2 | DRAWING NO. | GP.1 |
| CADD FILE 703800_GP.1.dwg | DATE | |

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DISTRICT ENGINEER
DATE

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS
SHEET TITLE
TITLE SHEET



SHEET INDEX

| DRAWING INDEX | | |
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| General | | |
| GP.1 | TITLE SHEET | |
| GP.2 | SHEET INDEX | |
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| GP.9 | GANGWAY, FIXED LANDING & BOARDING APRON – SLOPES | |
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| GOLDEN GATE BRIDGE HIGHWAY & TRANSPORTATION DISTRICT SAUSALITO FERRY LANDING IMPROVEMENTS 8-25-95 | | |
| CITY OF SAUSALITO FERRY LANDING IMPROVEMENT 12-23-97 | | |

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GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

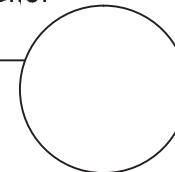
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| QUANTITIES | BY | CHECKED |

BO JENSEN
PROJECT MANAGER



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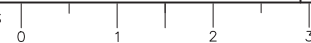
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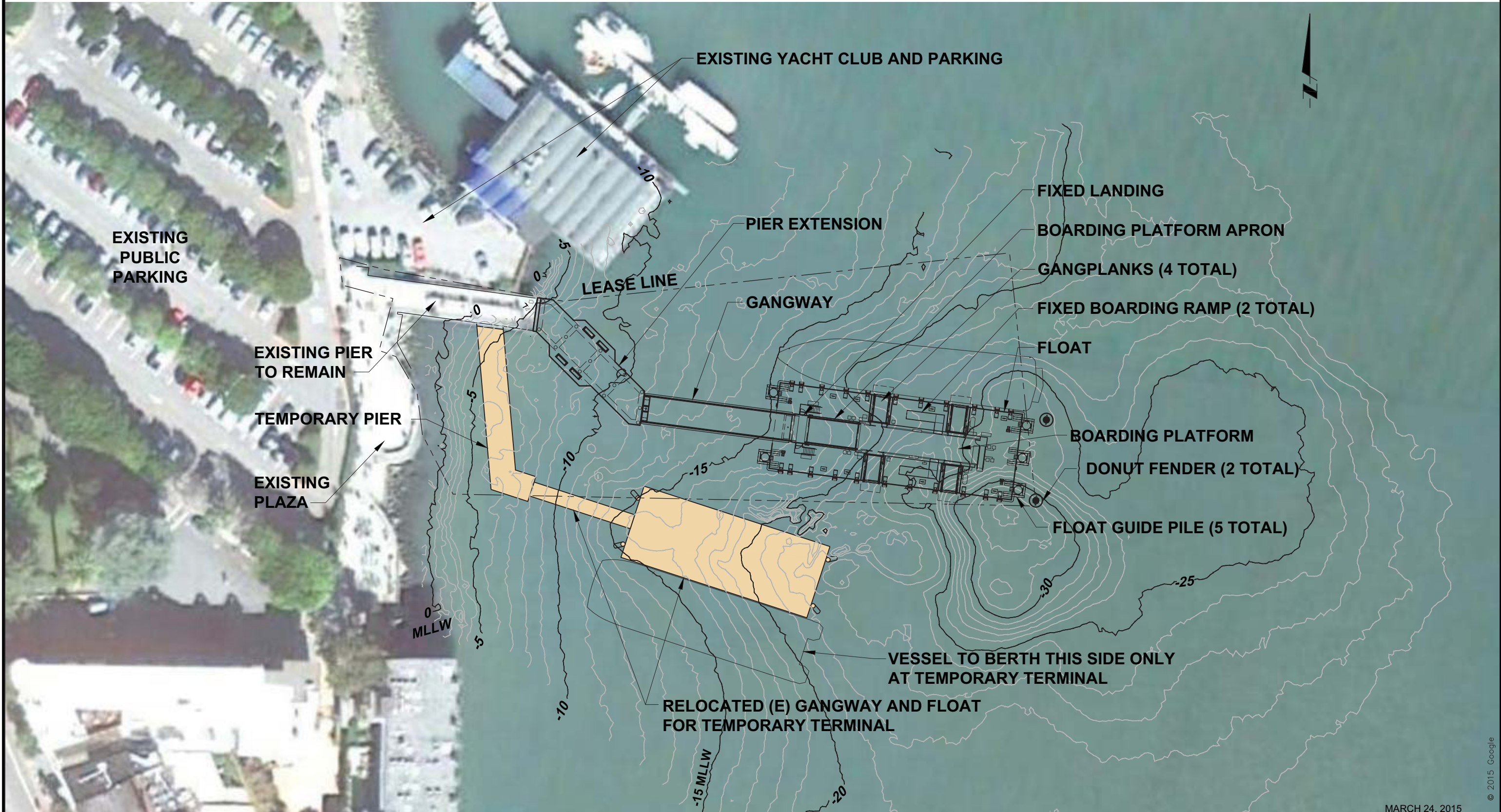
SHEET TITLE
SHEET INDEX

MARCH 24, 2015



ORIGINAL SCALE IN INCHES
FOR REDUCED PLANS





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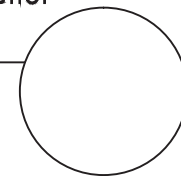
GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

NOT TO SCALE



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07/18/2014
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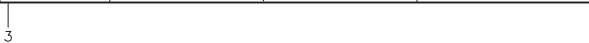
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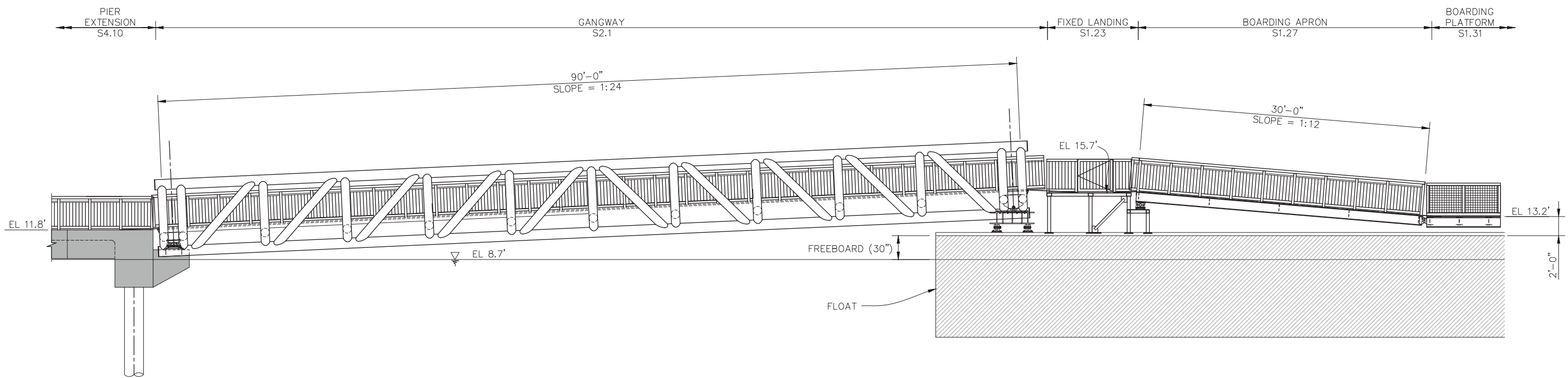
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SHEET TITLE
SITE LAYOUT PLAN

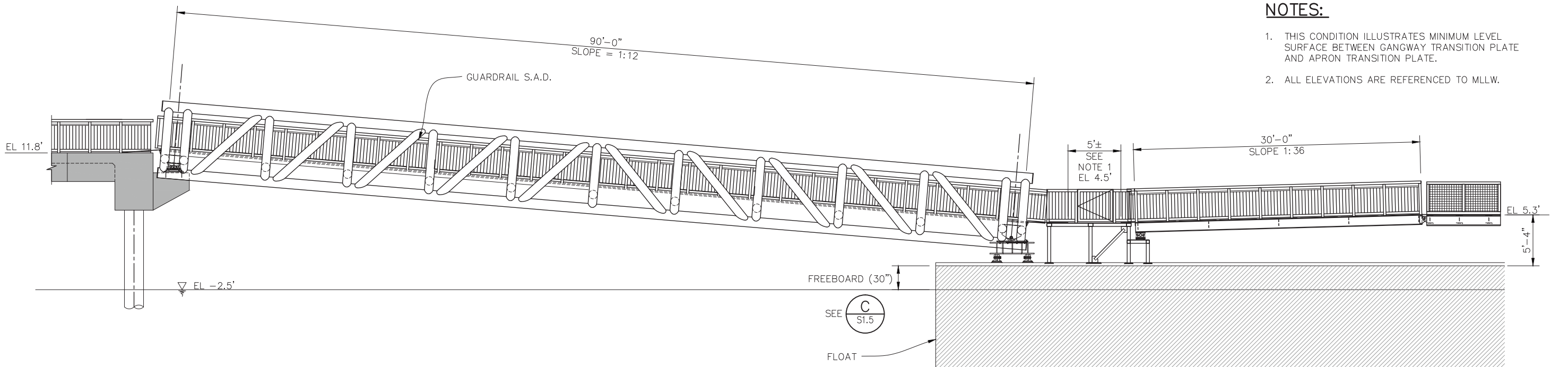


ORIGINAL SCALE IN INCHES
FOR REDUCED PLANS





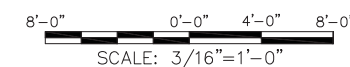
HIGH WATER – VESSEL WITH LOW DOOR FREEBOARD
SCALE: 3/16" = 1'-0"



LOW WATER – VESSEL WITH HIGH DOOR FREEBOARD
SCALE: 3/16" = 1'-0"

NOTES:

1. THIS CONDITION ILLUSTRATES MINIMUM LEVEL SURFACE BETWEEN GANGWAY TRANSITION PLATE AND APRON TRANSITION PLATE.
2. ALL ELEVATIONS ARE REFERENCED TO MLLW.



MARCH 24, 2015

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HIGHWAY & TRANSPORTATION DISTRICT
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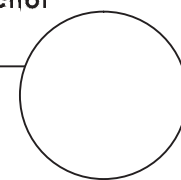
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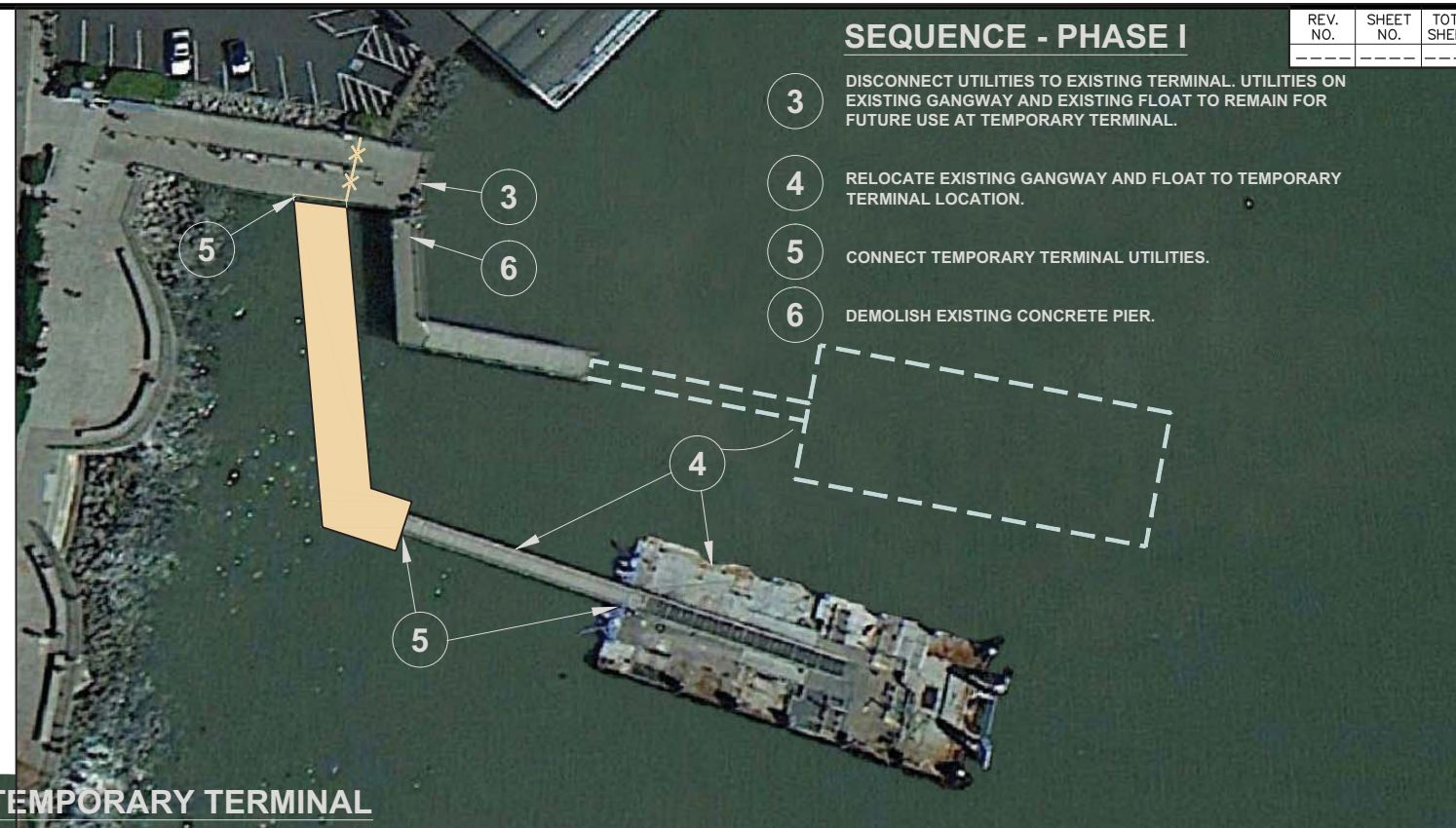
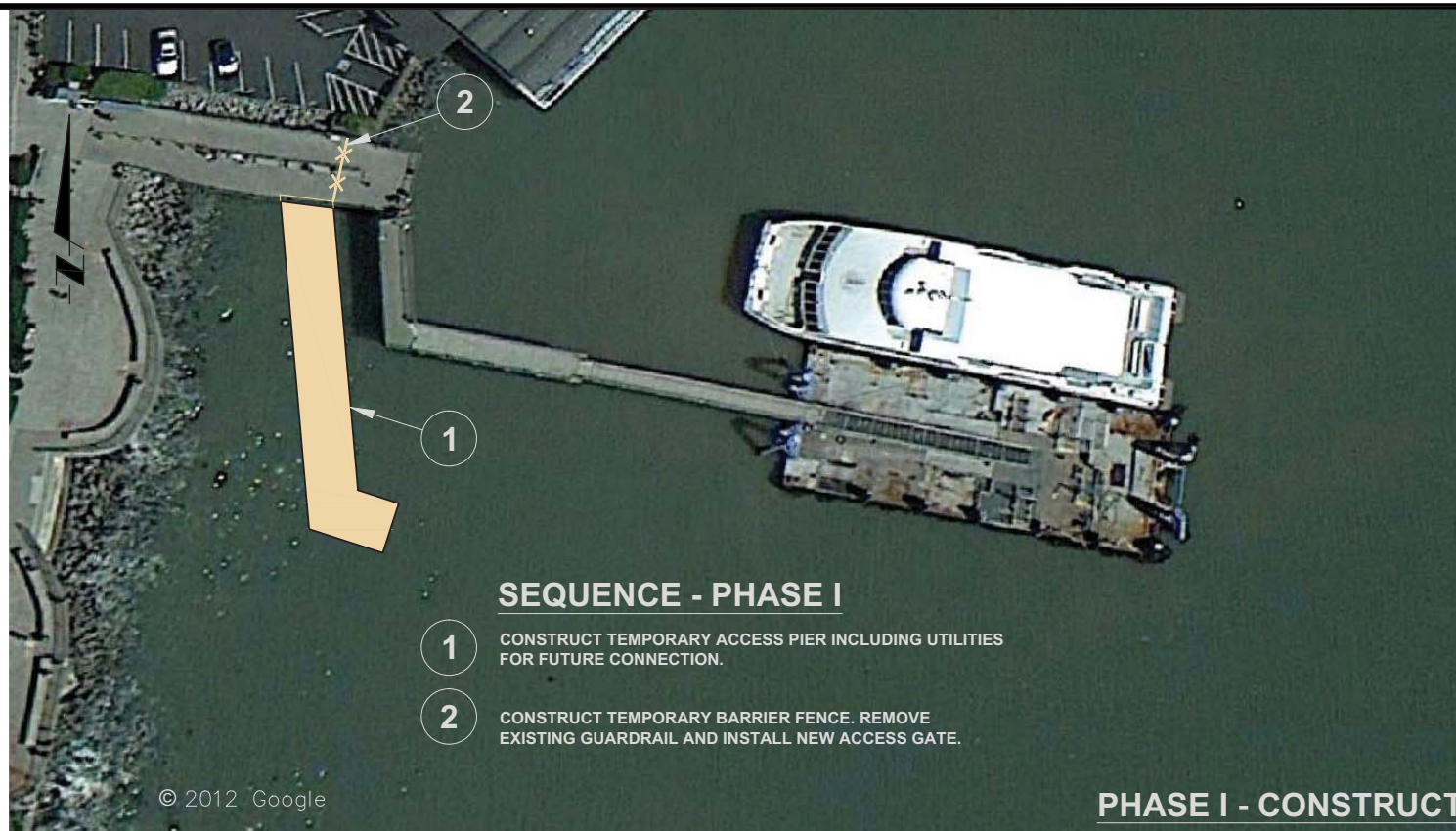
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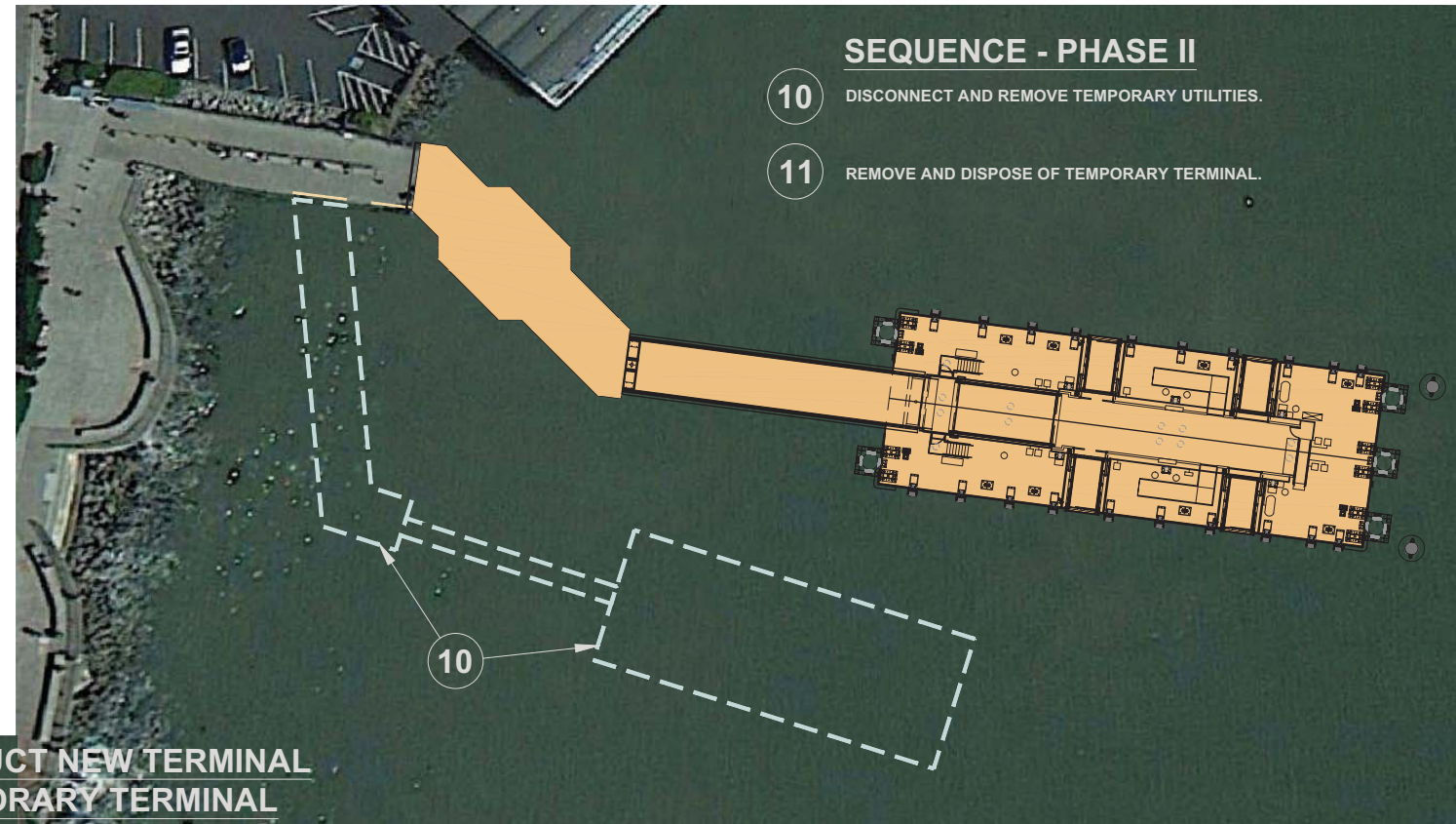
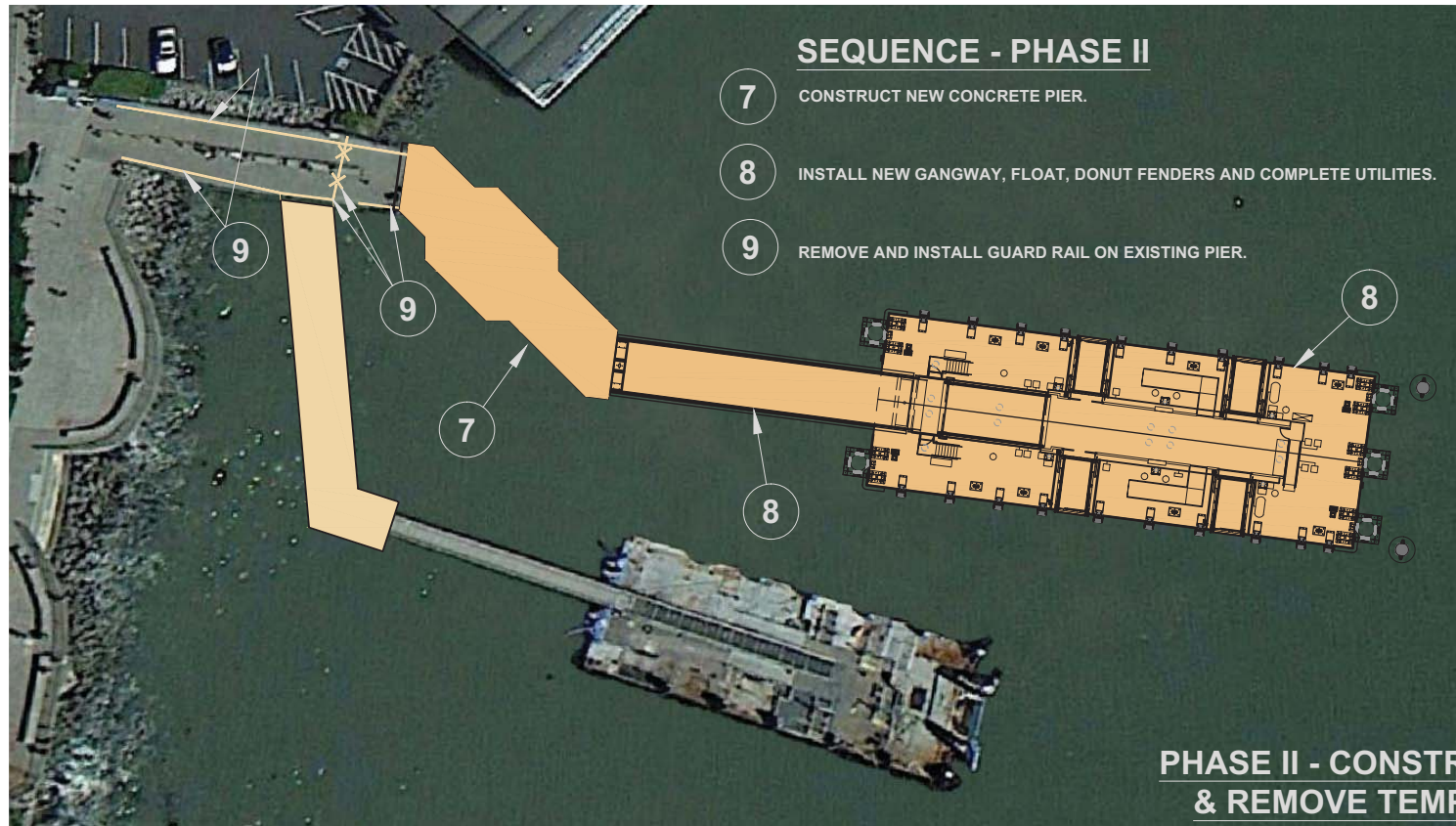
DISTRICT ENGINEER
DATE

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS
SHEET TITLE
GANGWAY, FIXED LANDING & BOARDING APRON – SLOPES





PHASE I - CONSTRUCT TEMPORARY TERMINAL



PHASE II - CONSTRUCT NEW TERMINAL & REMOVE TEMPORARY TERMINAL

MARCH 24, 2015

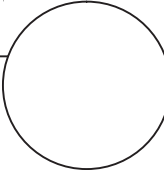
GOLDEN GATE BRIDGE
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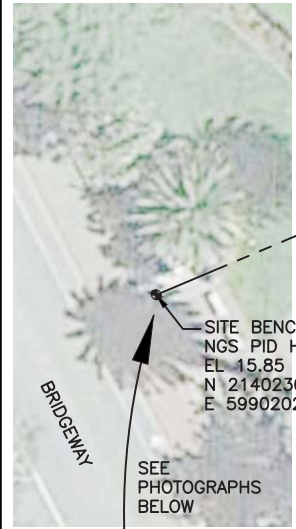
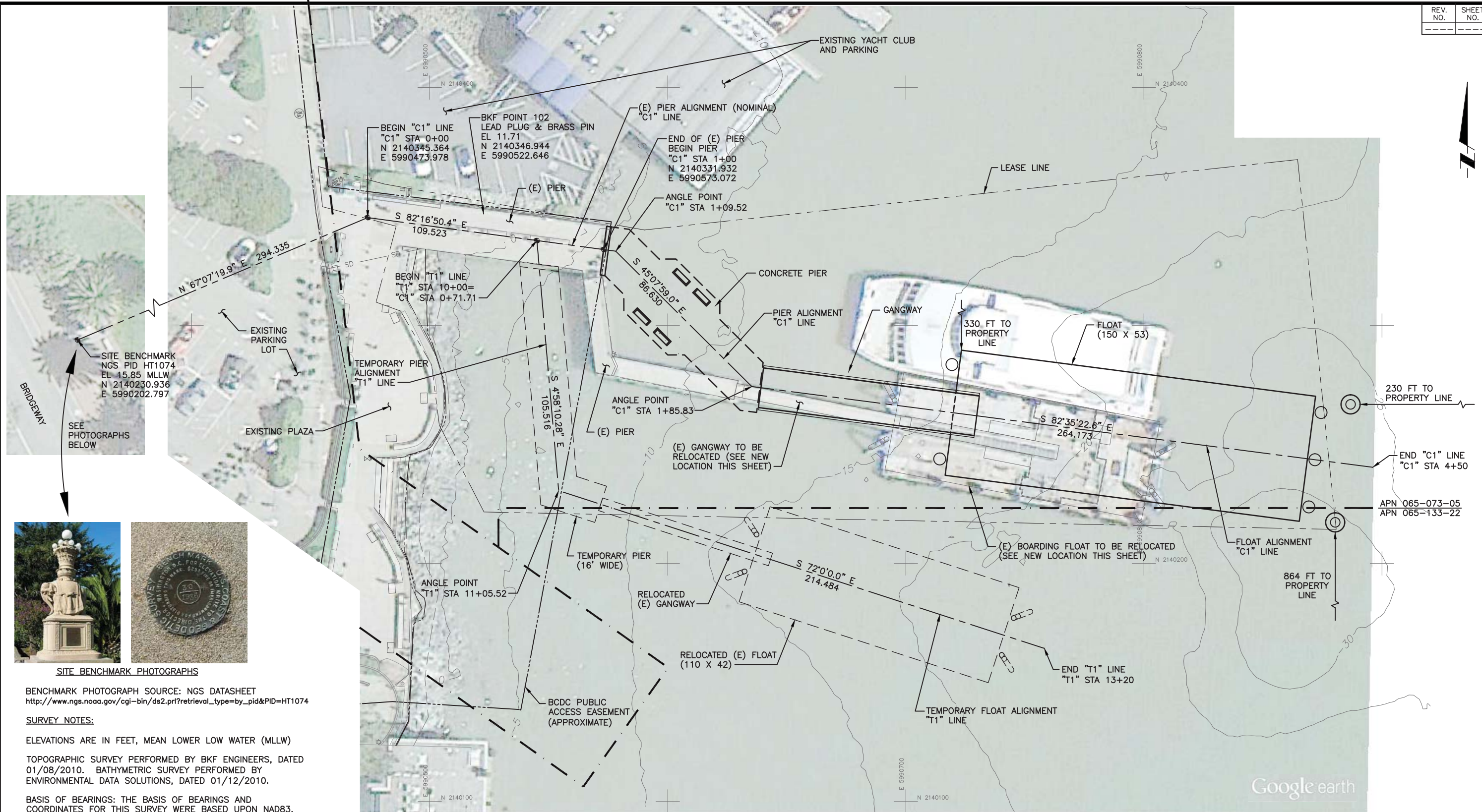
PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
STAGE CONSTRUCTION



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ORIGINAL SCALE IN INCHES FOR REDUCED PLANS
0 1 2 3



SITE BENCHMARK PHOTOGRAPHS

BENCHMARK PHOTOGRAPH SOURCE: NGS DATASHEET
http://www.ngs.noaa.gov/cgi-bin/ds2.pl?retrieval_type=by_pid&PID=HT1074

SURVEY NOTES:

ELEVATIONS ARE IN FEET, MEAN LOWER LOW WATER (MLLW)

TOPOGRAPHIC SURVEY PERFORMED BY BKF ENGINEERS, DATED 01/08/2010. BATHYMETRIC SURVEY PERFORMED BY ENVIRONMENTAL DATA SOLUTIONS, DATED 01/12/2010.

BASIS OF BEARINGS: THE BASIS OF BEARINGS AND COORDINATES FOR THIS SURVEY WERE BASED UPON NAD83, CALIFORNIA COORDINATE SYSTEM OF 1983, EPOCH 2007.

BENCHMARK: FOUND DISK STAMPED "30 1936" HAVING THE NGS PID HT1074 & NOAA VM #8414, PER TIDAL BENCHMARK REPORT #9414806, AND AN ELEVATION ABOVE MEAN LOWER LOW WATER IN US SURVEY FEET OF 15.85'.

GOLDEN GATE BRIDGE
 HIGHWAY & TRANSPORTATION DISTRICT
 BOX 9000, PRESIDIO STATION
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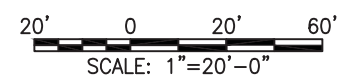
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ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

SITE CONTROL PLAN

NOTE: AERIAL PHOTOGRAPH SOURCE: GOOGLE EARTH, DATED 5-6-2012



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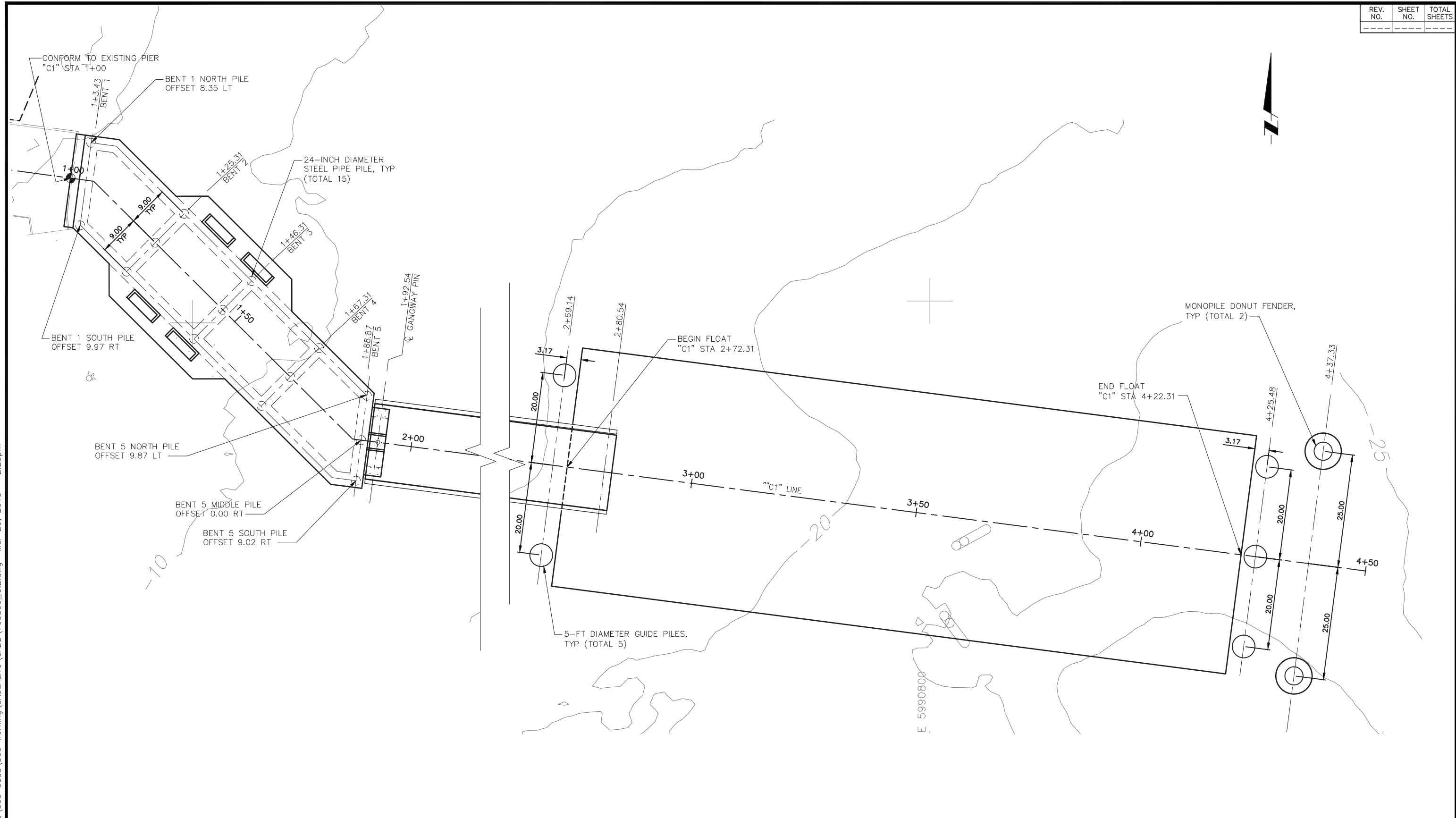
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE

SITE CONTROL PLAN



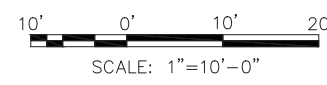
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GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22



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| CONTRACT NO. 2011-B-2 | DRAWING NO. C.2 | |
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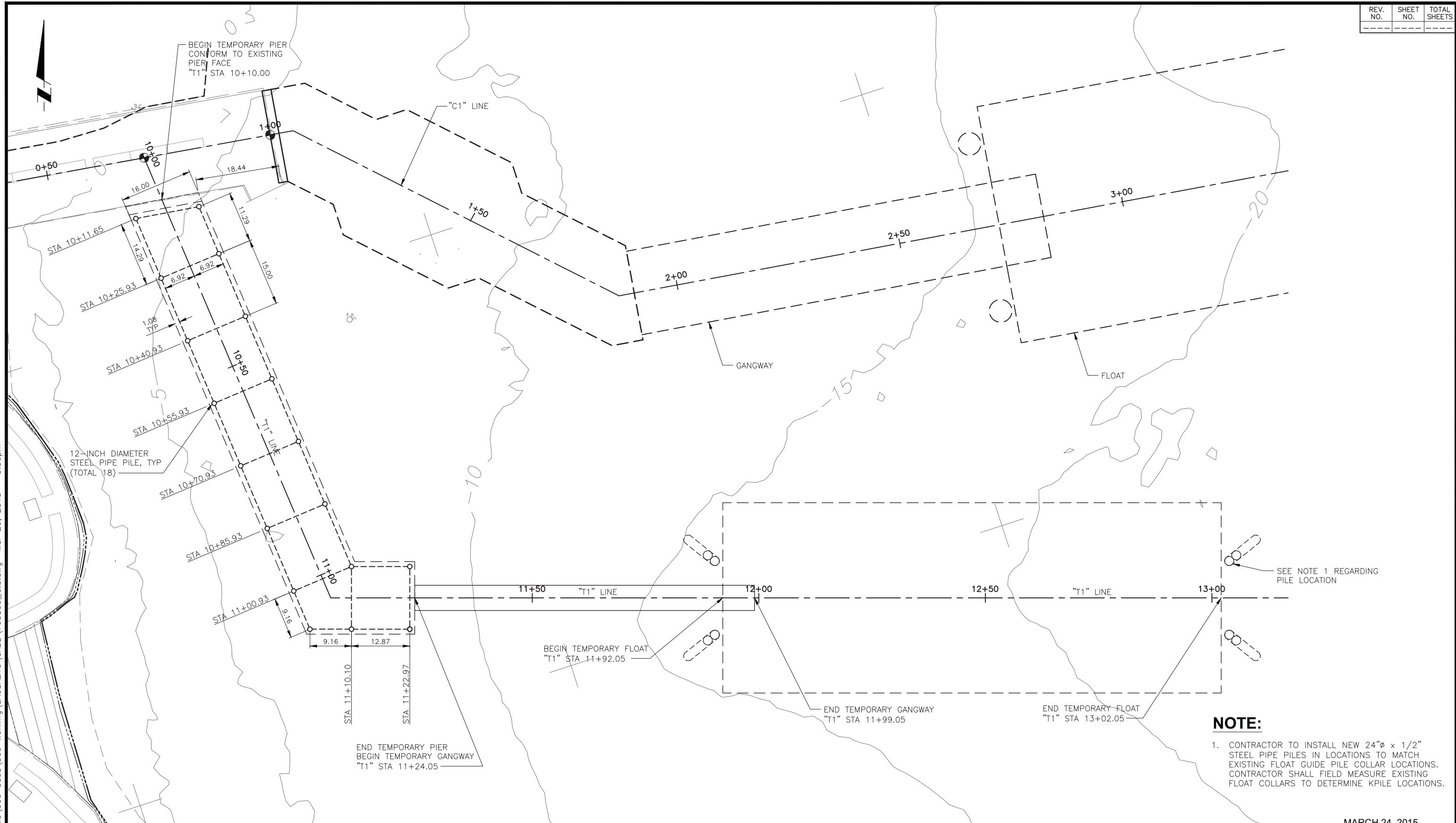
DISTRICT ENGINEER

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
**DETAIL SITE LAYOUT
1 OF 2**

MARCH 24, 2015



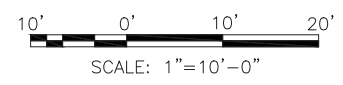


NOTE:
 1. CONTRACTOR TO INSTALL NEW 24"Ø x 1/2" STEEL PIPE PILES IN LOCATIONS TO MATCH EXISTING FLOAT GUIDE PILE COLLAR LOCATIONS. CONTRACTOR SHALL FIELD MEASURE EXISTING FLOAT COLLARS TO DETERMINE KPILE LOCATIONS.

MARCH 24, 2015

GOLDEN GATE BRIDGE
 HIGHWAY & TRANSPORTATION DISTRICT
 BOX 9000, PRESIDIO STATION
 SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22



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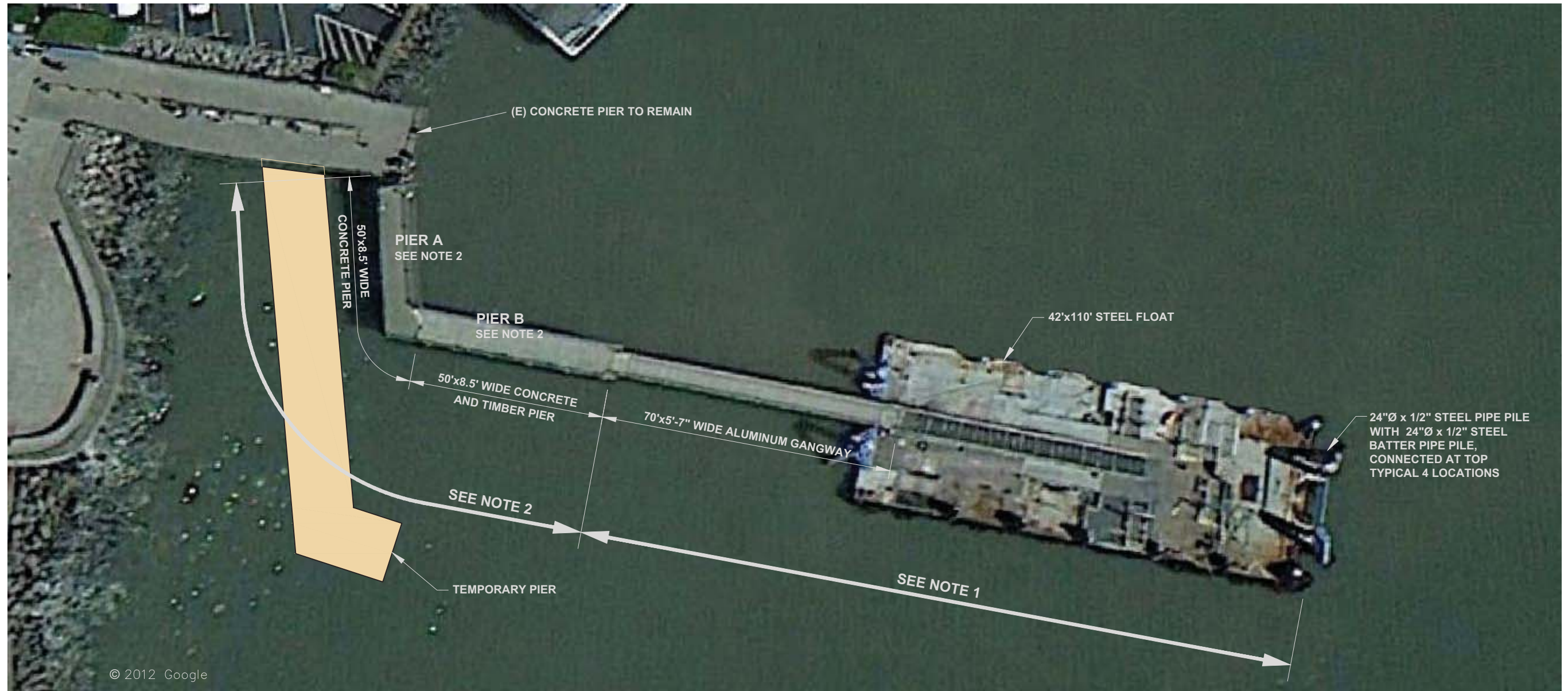
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PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
**DETAIL SITE LAYOUT
 2 OF 2**



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NOT TO SCALE

NOTES:

1. EXISTING ALUMINUM GANGWAY, AND STEEL FLOAT, TO BE RELOCATED BY CONTRACTOR. ALL PILES TO BE COMPLETELY REMOVED FOR FULL LENGTH. IF PILE CANNOT BE REMOVED FULL LENGTH, CUT PILE MINIMUM 2 FEET BELOW MUDLINE.
2. DEMOLISH AND REMOVE EXISTING PIER A, AND PIER B. SAW CUT PIER AT EXISTING PIER TO REMAIN AND CAP EXISTING UTILITIES. ALL PILES TO BE REMOVED FULL LENGTH. IF PILE CANNOT BE REMOVED FULL LENGTH, CUT PILE MINIMUM 2 FEET BELOW MUDLINE.
3. REFERENCE DRAWINGS OF THE EXISTING STRUCTURES AND UTILITIES TO BE REMOVED ARE AVAILABLE AND SHALL BE USED BY THE CONTRACTOR FOR SPECIFIC DETAILS REGARDING THESE FACILITIES.

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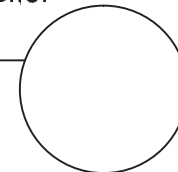
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PROJECT TITLE

GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE

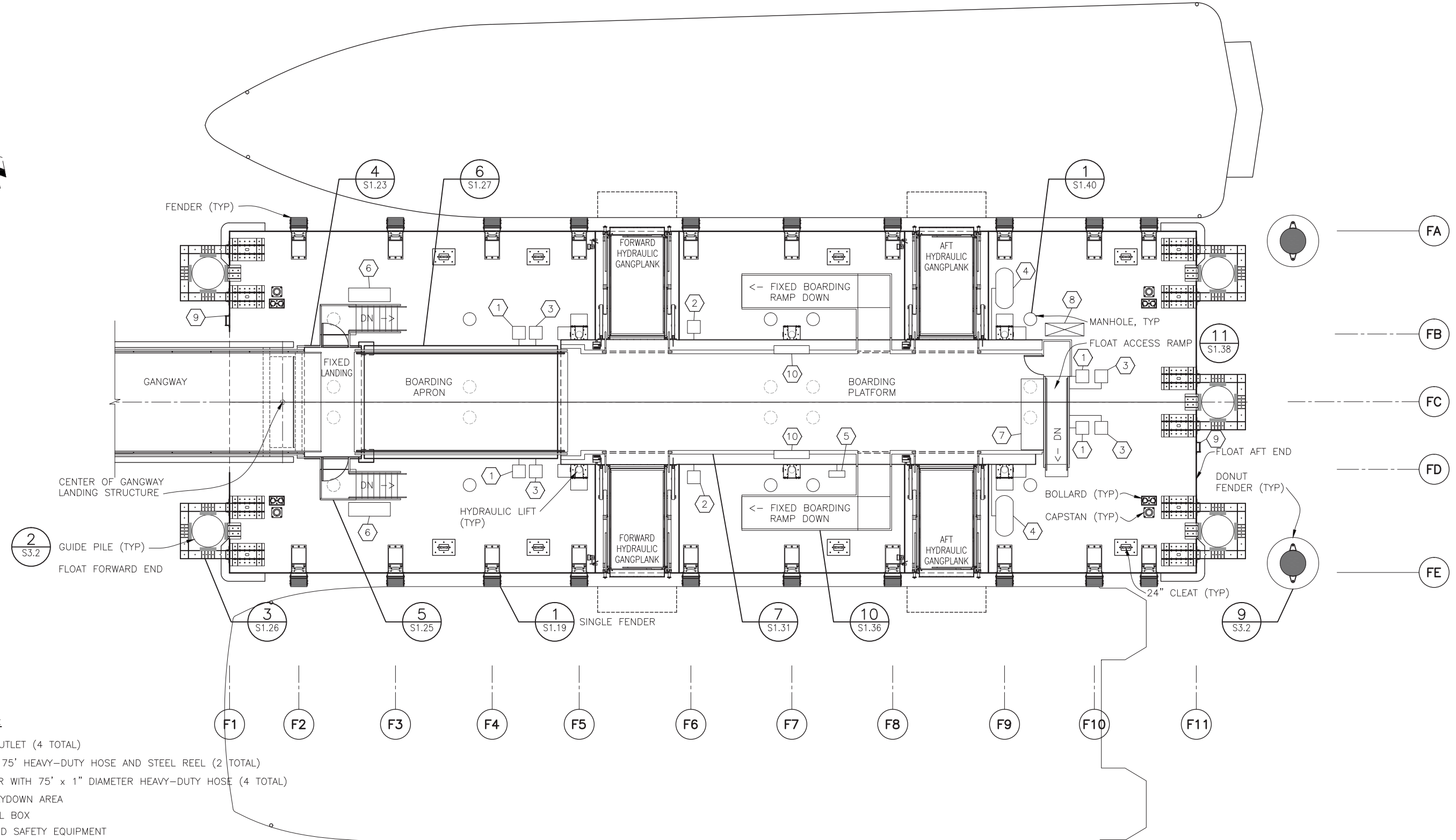
DEMOLITION PLAN

MARCH 24, 2015



ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

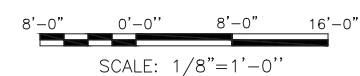




SPECIFIC NOTES:

- 1 SHORE POWER OUTLET (4 TOTAL)
- 2 HOSE BIBB WITH 75' HEAVY-DUTY HOSE AND STEEL REEL (2 TOTAL)
- 3 WASHDOWN WATER WITH 75' x 1" DIAMETER HEAVY-DUTY HOSE (4 TOTAL)
- 4 SEWAGE HOSE LAYDOWN AREA
- 5 ELECTRICAL PANEL BOX
- 6 STORAGE BOX AND SAFETY EQUIPMENT
- 7 HYDRAULIC POWER UNIT (HPU)
- 8 HYDRAULIC ELECTRICAL CONTROL CABINET (ECC)
- 9 SAFETY LADDER (2 TOTAL)
- 10 STORAGE CABINET (2 TOTAL)

FLOAT DECK LAYOUT PLAN
SCALE: 1/8" = 1'-0"



MARCH 24, 2015

GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
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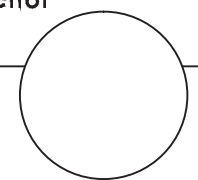
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| CONTRACT NO. 2011-B-2 | DRAWING NO. | |
| CADD FILE 703800_S1.1.dwg | S1.1 | |

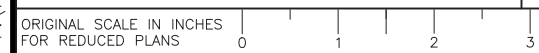
APPROVED BY

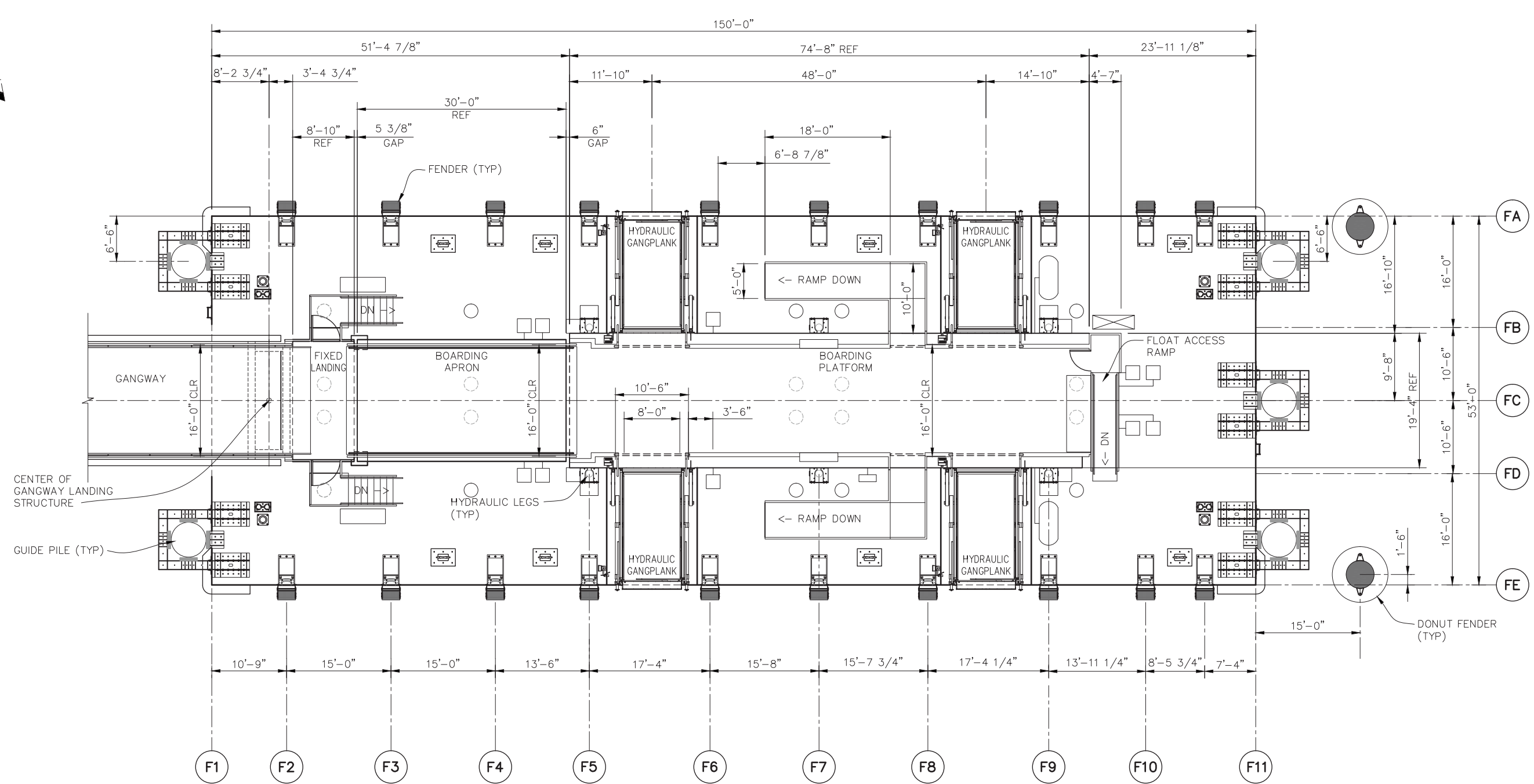
DISTRICT ENGINEER
DATE

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS
SHEET TITLE
FLOAT DECK LAYOUT PLAN

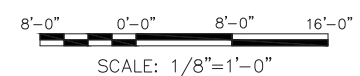


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FLOAT DIMENSION PLAN
SCALE: 1/8" = 1'-0"



MARCH 24, 2015

GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

| | | | |
|------------|--------|------------|------------------------------|
| DESIGN | BY MJW | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY TE | CHECKED | |
| QUANTITIES | BY | CHECKED | |

moftatt & nichol
2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER
07/18/2014
PLANS APPROVAL DATE

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|---------------------------|-------------|------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | S1.2 |
| CADD FILE 703800_S1.2.dwg | DATE | |

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DISTRICT ENGINEER

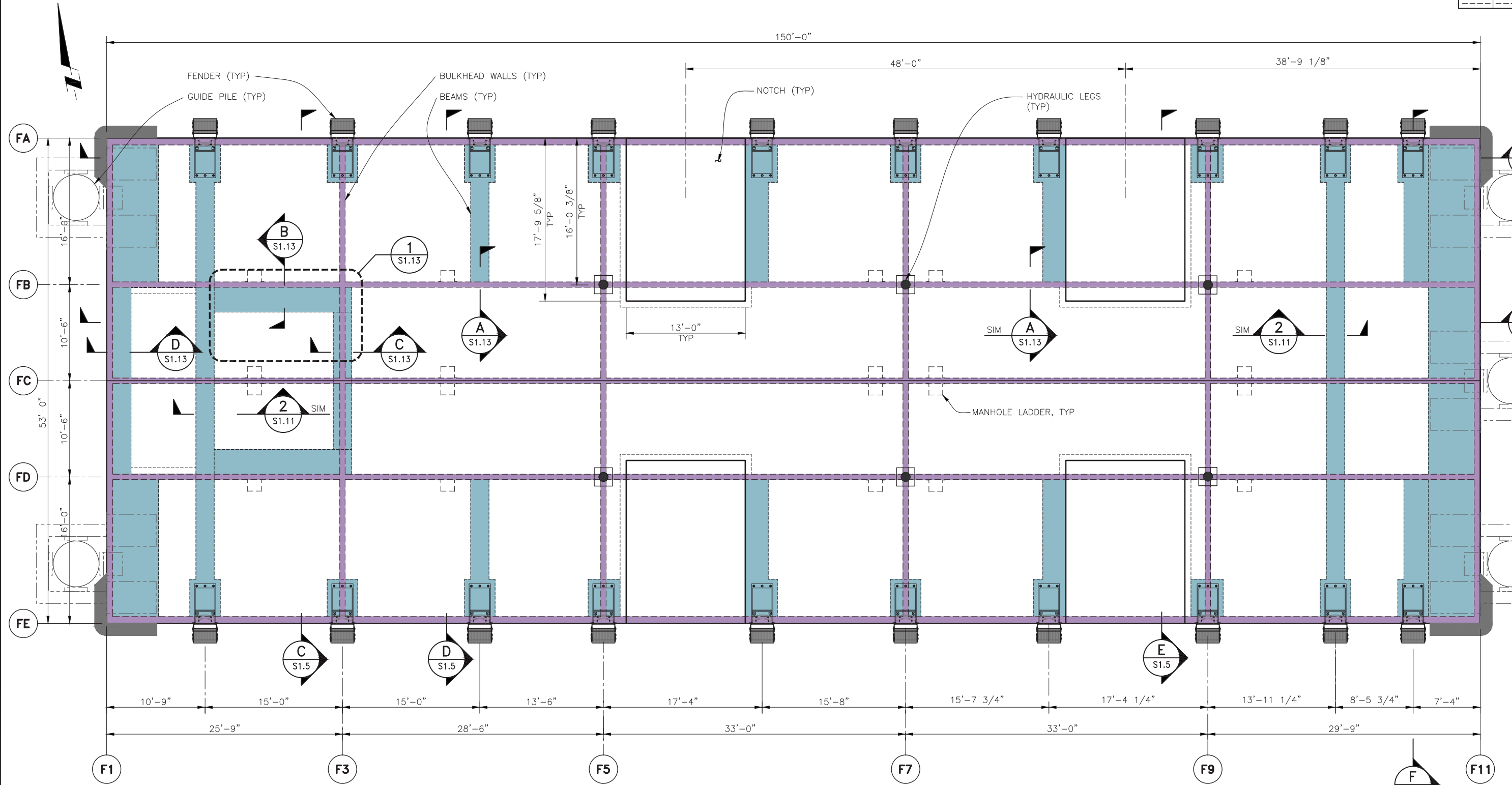
PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
FLOAT DIMENSION PLAN



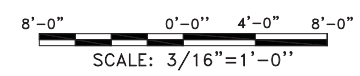
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ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



- LEGEND:**
- WALL BELOW DECK
 - BEAM BELOW DECK
 - CURB BELOW
 - FENDER

FLOAT STRUCTURAL ARRANGEMENT PLAN
SCALE: 3/16" = 1'-0"



GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22
ORIGINAL SCALE IN INCHES
FOR REDUCED PLANS

| | | | |
|------------|-----------|------------|------------------------------|
| DESIGN | BY MP | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY TE/AIB | CHECKED | |
| QUANTITIES | BY | CHECKED | |

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07/18/2014 -
PLANS APPROVAL DATE

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|---------------------------|-------------|------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | S1.4 |
| CADD FILE 703800_S1.4.dwg | DATE | |

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DATE

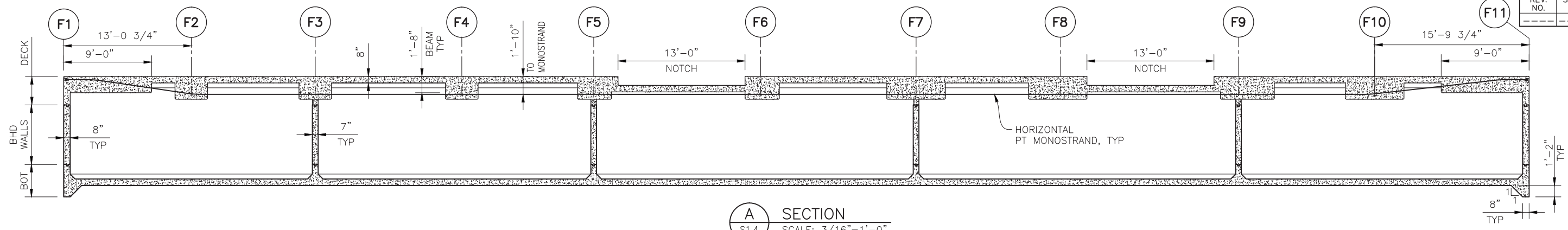
PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
FLOAT STRUCTURAL ARRANGEMENT PLAN

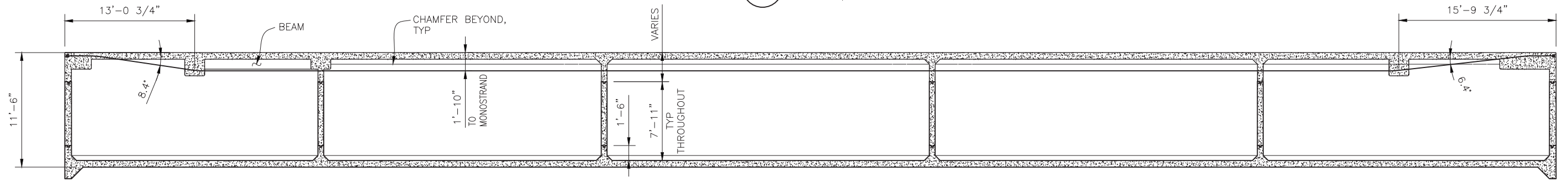
MARCH 24, 2015



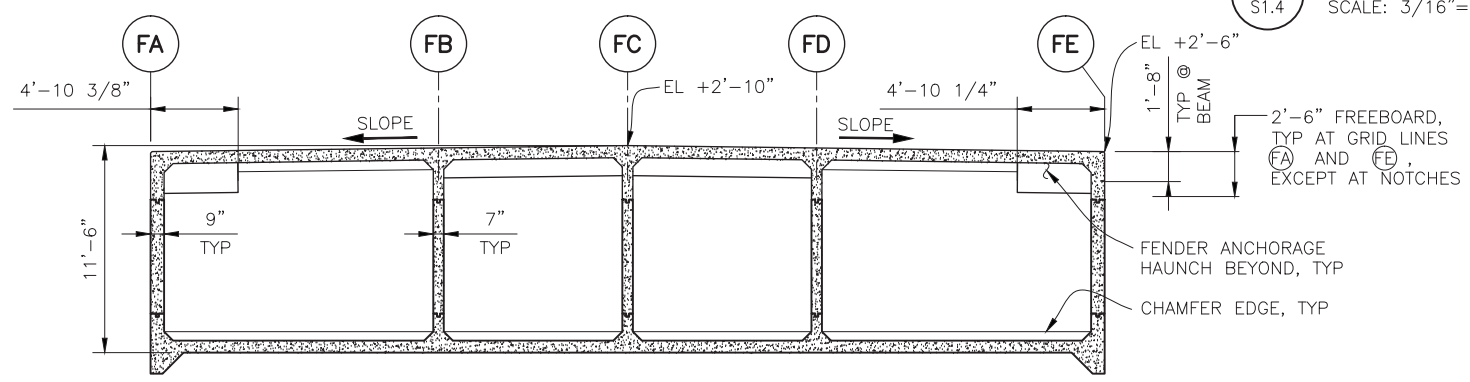
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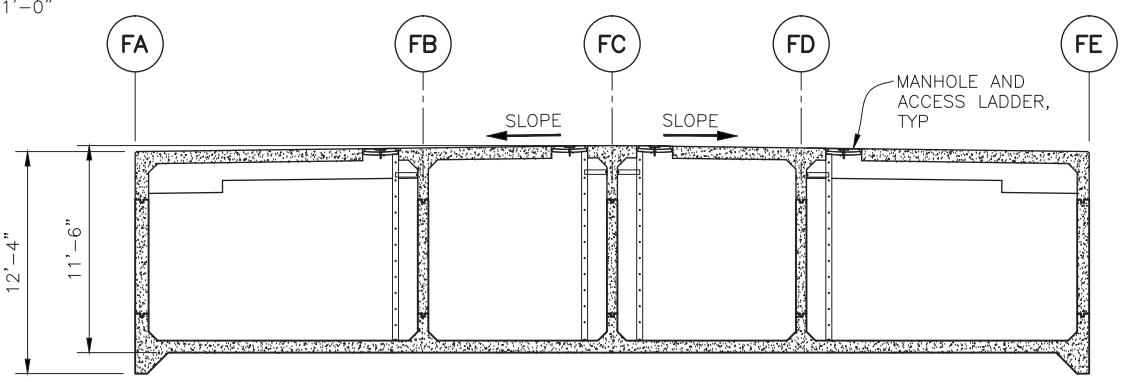
A SECTION
S1.4 SCALE: 3/16"=1'-0"



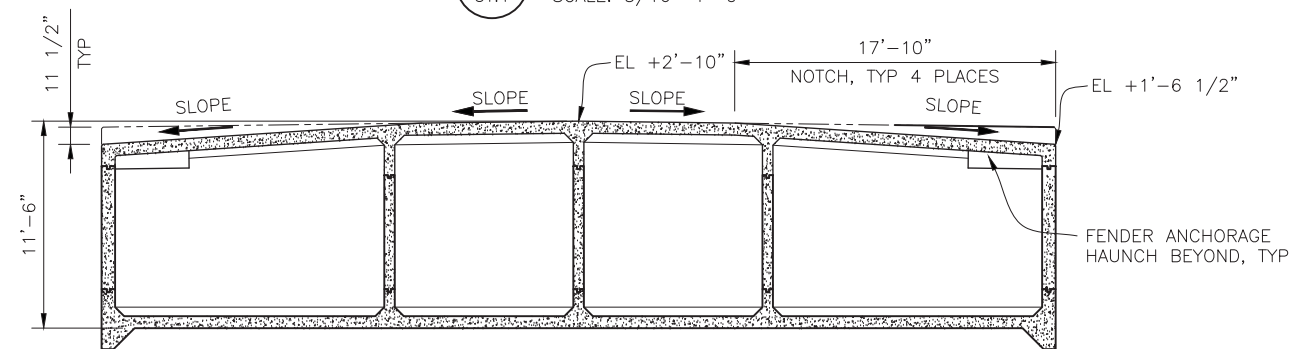
B SECTION
S1.4 SCALE: 3/16"=1'-0"



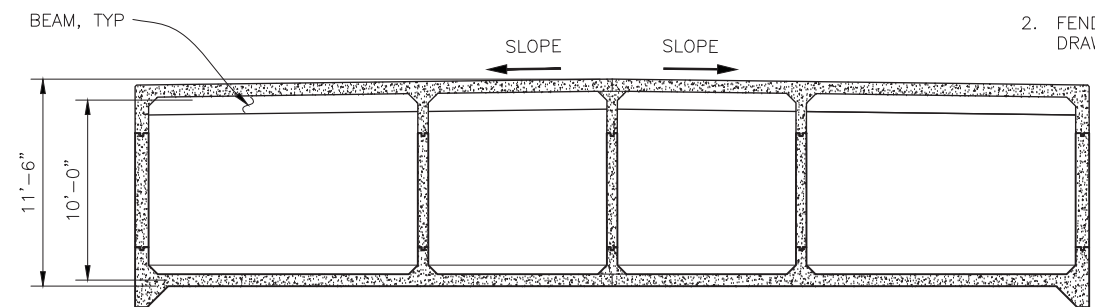
C SECTION
S1.4 SCALE: 3/16"=1'-0"



D SECTION
S1.4 SCALE: 3/16"=1'-0"



E SECTION
S1.4 SCALE: 3/16"=1'-0"



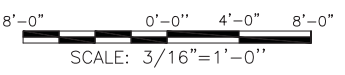
F SECTION
S1.4 SCALE: 3/16"=1'-0"

- NOTES:**
1. REINFORCING NOT SHOWN; SEE DRAWINGS S1.6 - S1.10.
 2. FENDERS NOT SHOWN; SEE DRAWING S1.19 AND S1.20.

P:\7038 GGBD Ferry Terminals\500 Cadd\560 Working\SAUSALITO\CADD\703800_S1.5.dwg Mar 20, 2015 - 11:27am

GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

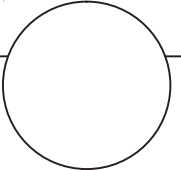
APN 065-073-05 AND APN 065-133-22



| | | | |
|------------|-------|------------|------------------------------|
| DESIGN | BY MP | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY TE | CHECKED | |
| QUANTITIES | BY | CHECKED | |

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07/18/2014 -
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| CONTRACT NO. 2011-B-2 | DRAWING NO. | S1.5 |
| CADD FILE 703800_S1.5.dwg | DATE | |

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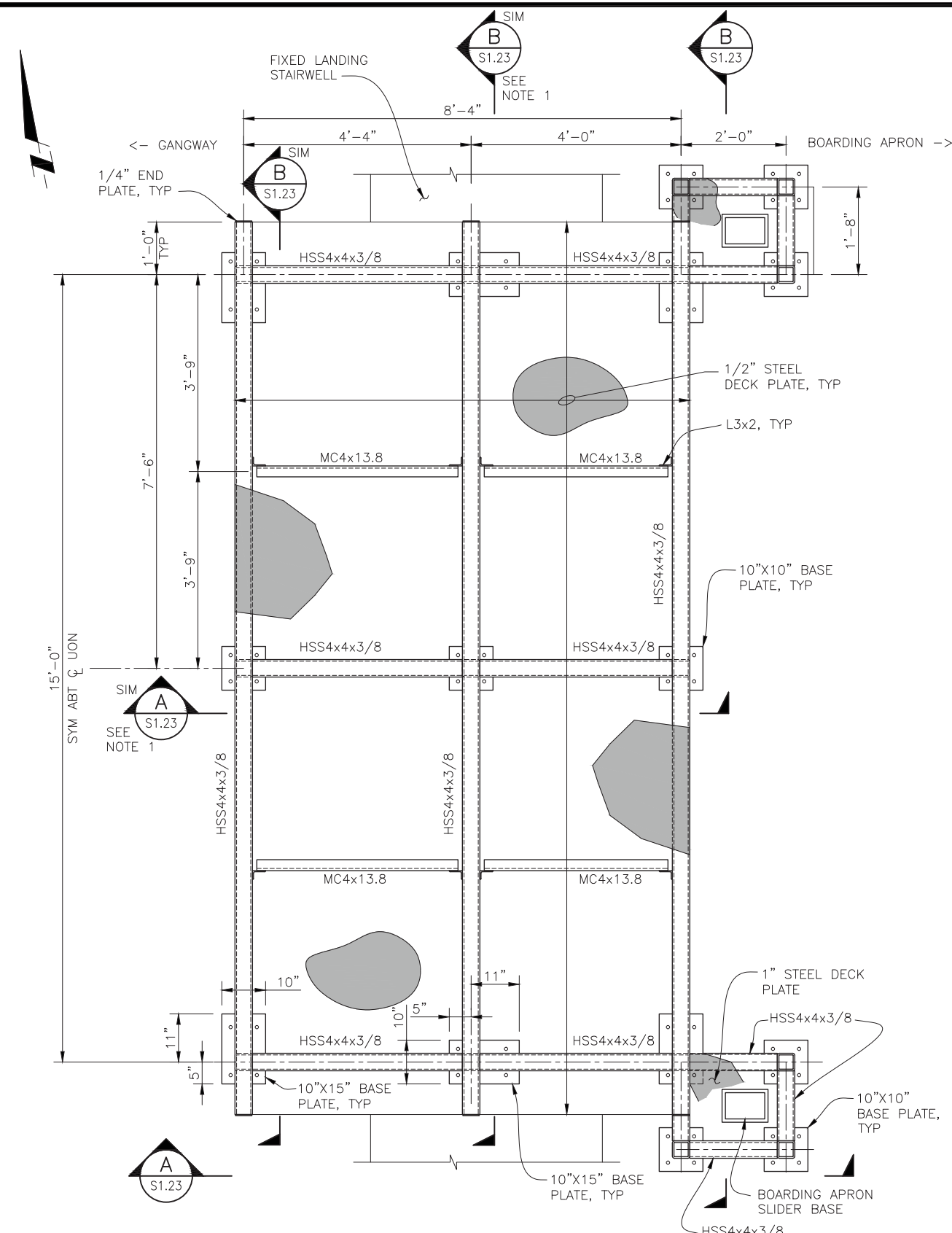
DISTRICT ENGINEER

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

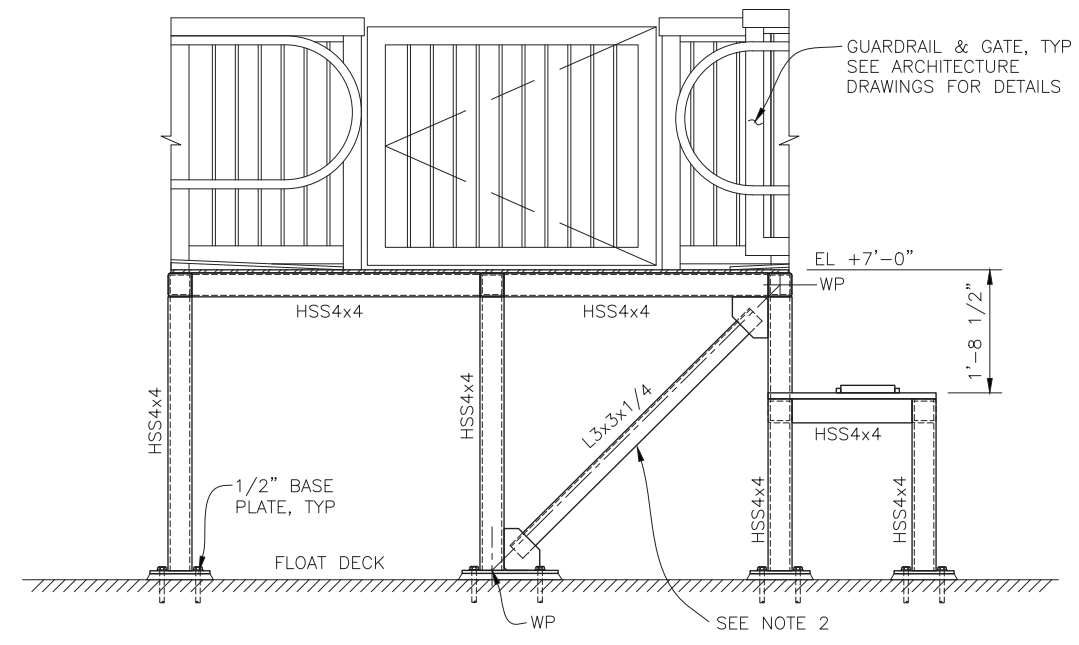
SHEET TITLE
FLOAT LONGITUDINAL & TRANSVERSE SECTIONS

MARCH 24, 2015

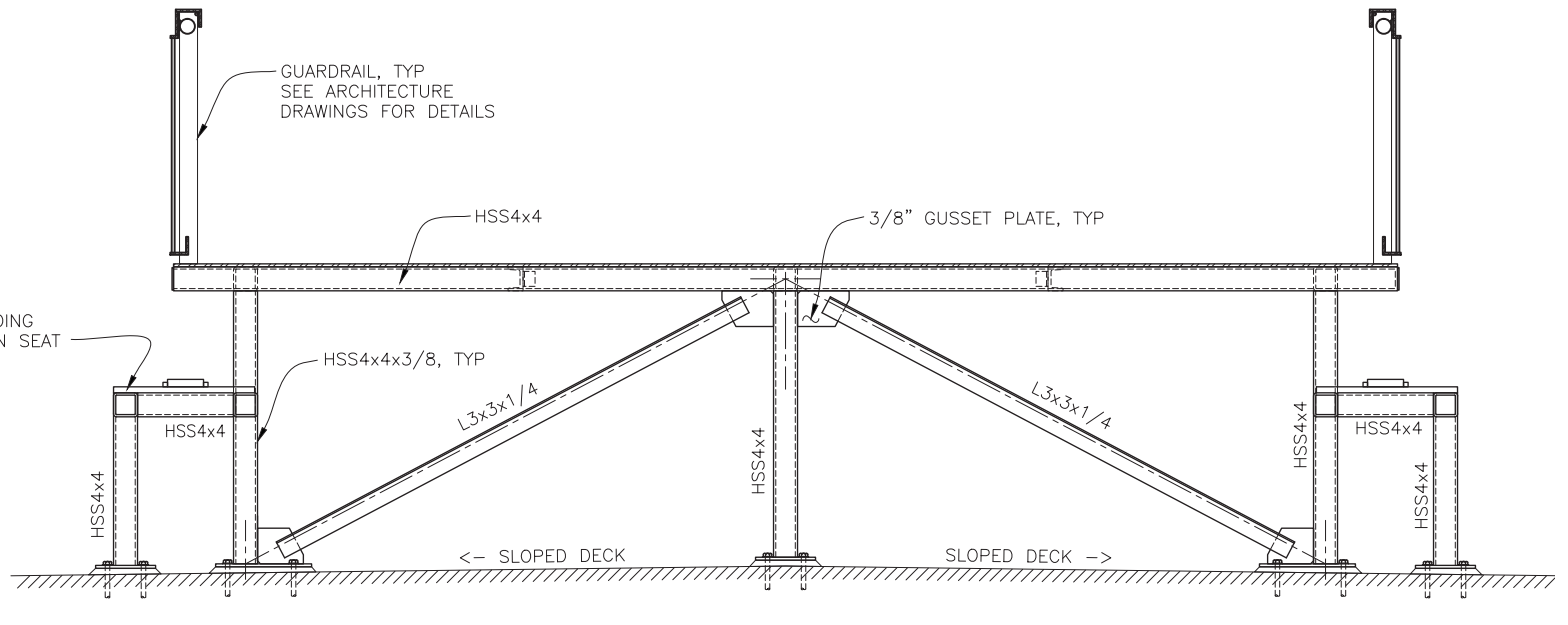




4 FIXED LANDING FRAMING PLAN
S1.1 SCALE: 3/4"=1'-0"



A SECTION
S1.23 SCALE: 3/4"=1'-0"



B ELEVATION
S1.23 SCALE: 3/4"=1'-0"

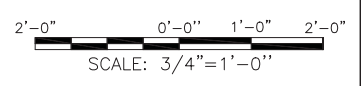
- NOTES:**
- SECTION DOES NOT HAVE A DIAGONAL BRACE.
 - FLANGE OF L3x3x1/4 ANGLE SHALL POINT AWAY FROM THE EDGE OF THE FLOAT.
 - ELEVATIONS ARE REFERENCED TO TOP OF WATER SURFACE.

P:\7038 GGBD Ferry Terminals\500 Cadd\560 Working\SAUSALITO\CADD\703800_S1.23.dwg Mar 23, 2015 - 3:25pm

GOLDEN GATE BRIDGE
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BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

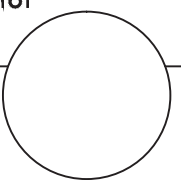
APN 065-073-05 AND APN 065-133-22

| | | | |
|------------|--------|------------|------------------------------|
| DESIGN | BY MJW | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY AIB | CHECKED | |
| QUANTITIES | BY | CHECKED | |



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| CONTRACT NO. 2011-B-2 | DRAWING NO. | S1.23 |
| CADD FILE 703800_S1.23.dwg | DATE | |

APPROVED BY
DISTRICT ENGINEER

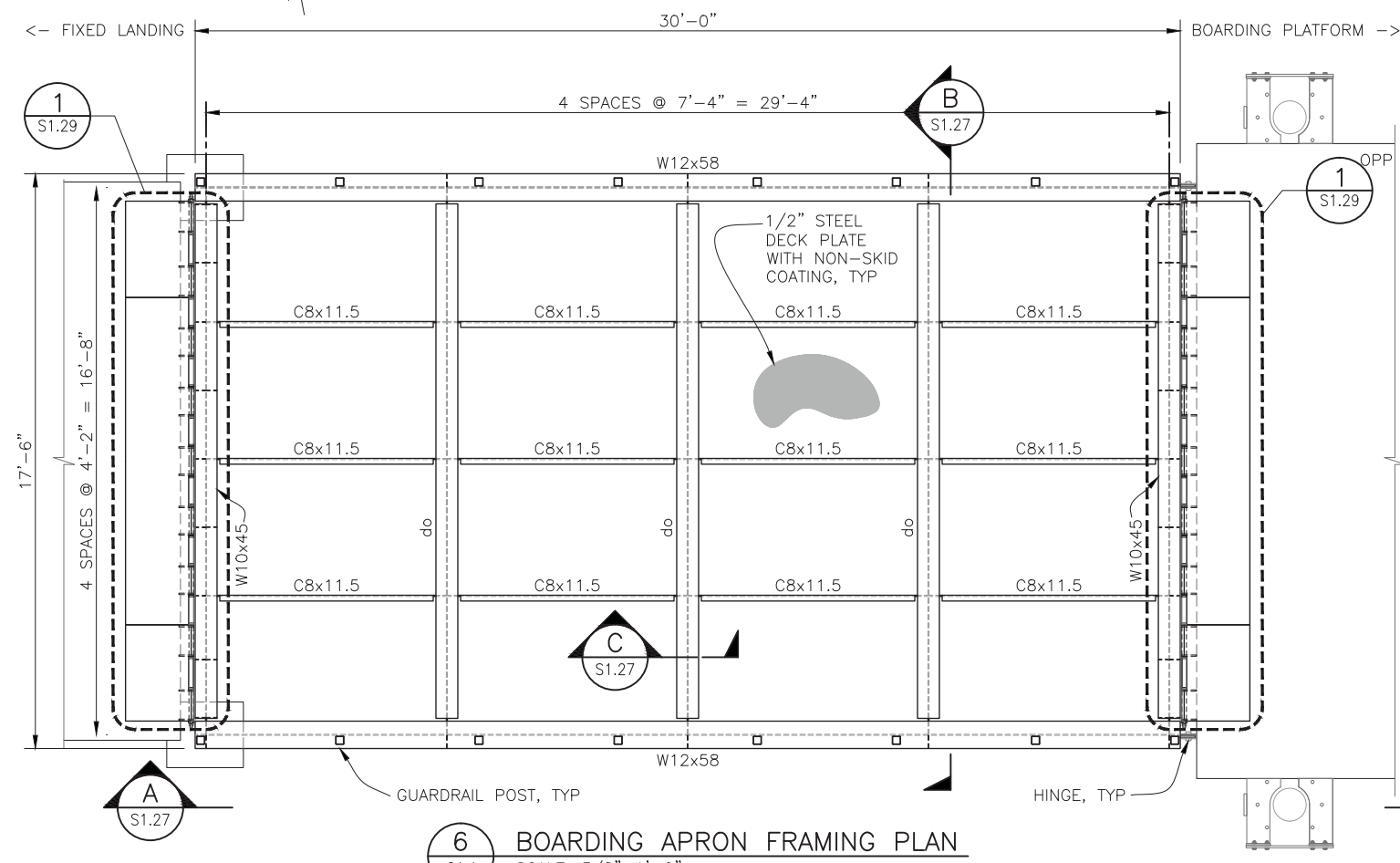
PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
FLOAT FIXED LANDING PLAN, ELEVATION & SECTION

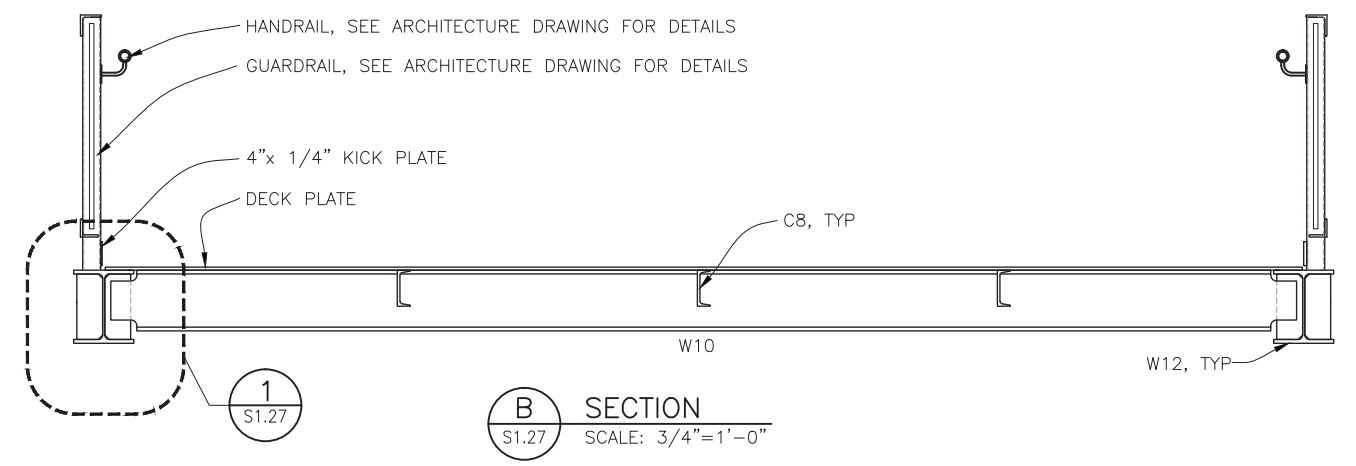
MARCH 24, 2015



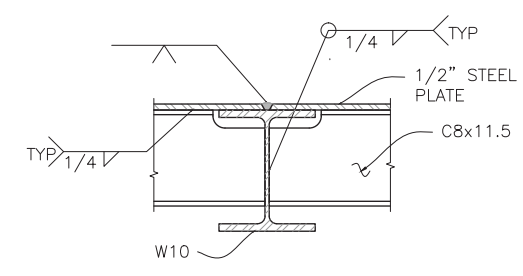
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



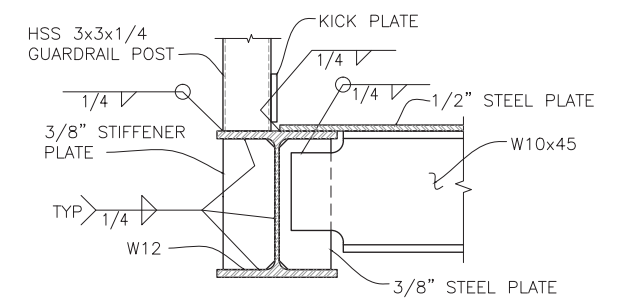
6 BOARDING APRON FRAMING PLAN
S1.1 SCALE: 3/8"=1'-0"



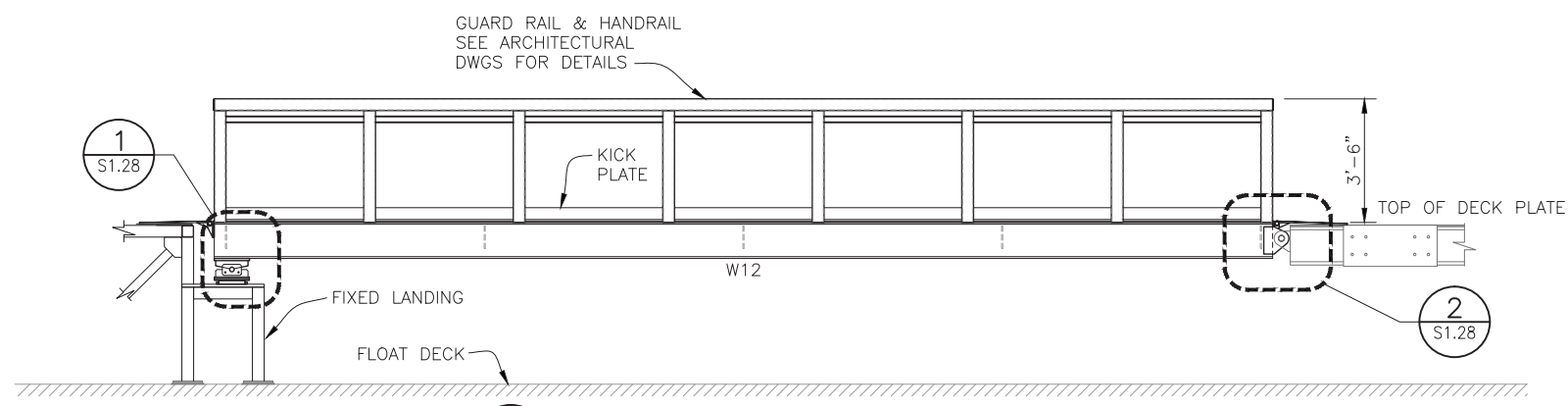
B SECTION
S1.27 SCALE: 3/4"=1'-0"



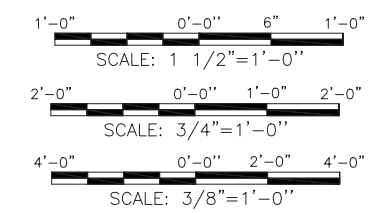
C SECTION
S1.27 SCALE: 1 1/2"=1'-0"



1 DETAIL
S1.27 SCALE: 1 1/2"=1'-0"



A ELEVATION
S1.27 SCALE: 3/8"=1'-0"



GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

| | | | |
|------------|--------|------------|------------------------------|
| DESIGN | BY MJW | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY AIB | CHECKED | |
| QUANTITIES | BY | CHECKED | |

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2185 N. California Blvd., Suite 500
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PLANS APPROVAL DATE

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| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | S1.27 |
| CADD FILE 703800_S1.27.dwg | | |

APPROVED BY
DISTRICT ENGINEER
DATE

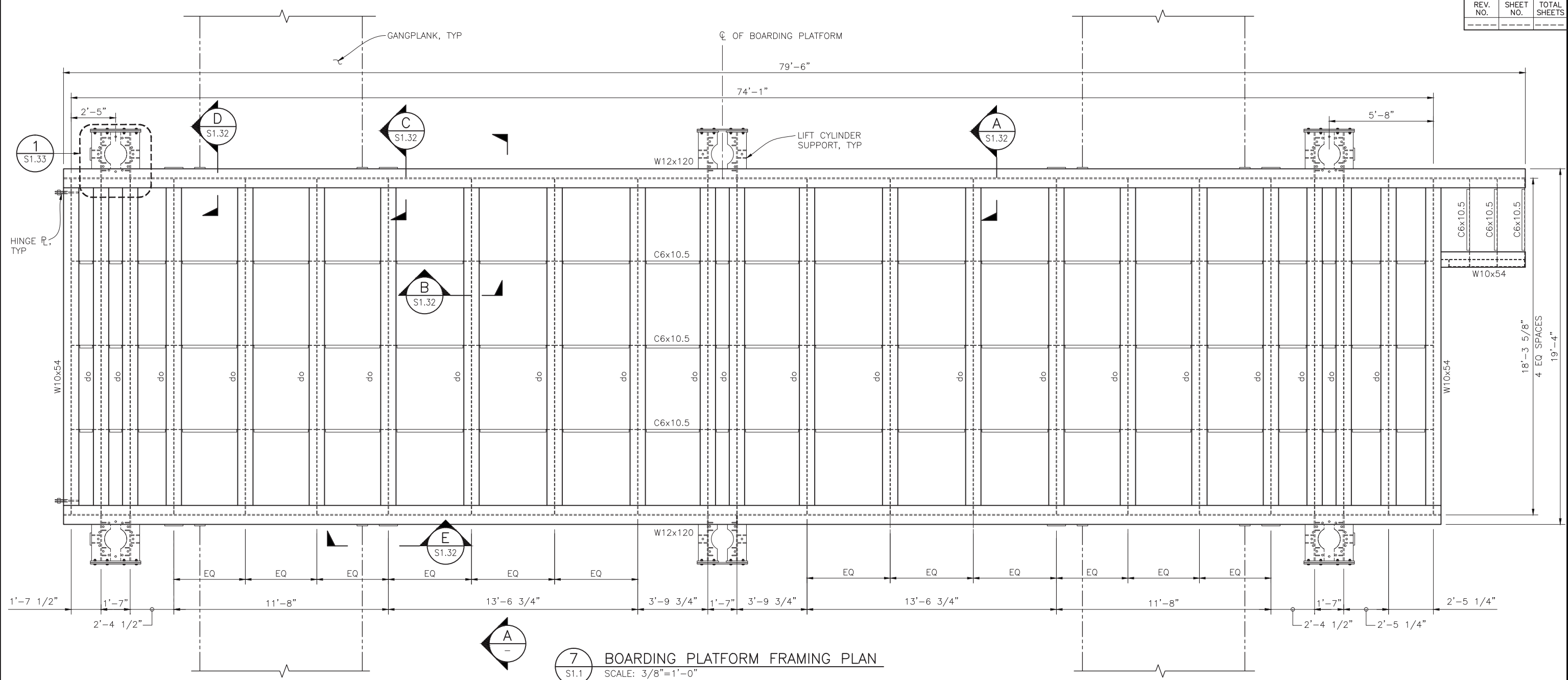
PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
FLOAT BOARDING APRON PLAN, ELEVATION & SECTION

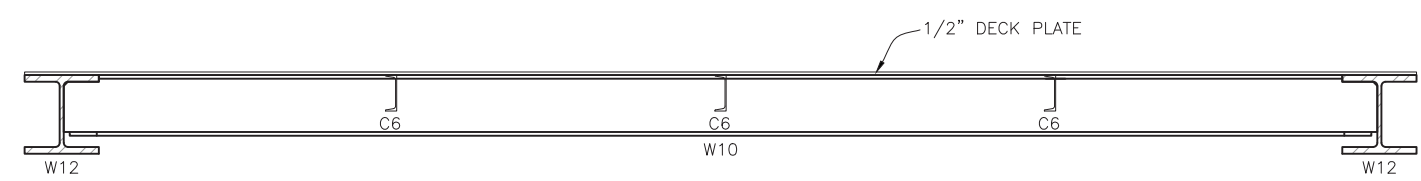
MARCH 24, 2015



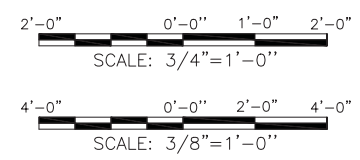
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7 BOARDING PLATFORM FRAMING PLAN
S1.1 SCALE: 3/8"=1'-0"



A SECTION
S1.31 SCALE: 3/4"=1'-0"



MARCH 24, 2015

GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

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|------------|--------|------------|------------------------------|
| DESIGN | BY MJW | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY AIB | CHECKED | |
| QUANTITIES | BY | CHECKED | |

APN 065-073-05 AND APN 065-133-22

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07/18/2014
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| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | S1.31 |
| CADD FILE 703800_S1.31.dwg | DATE | |

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DISTRICT ENGINEER

DATE

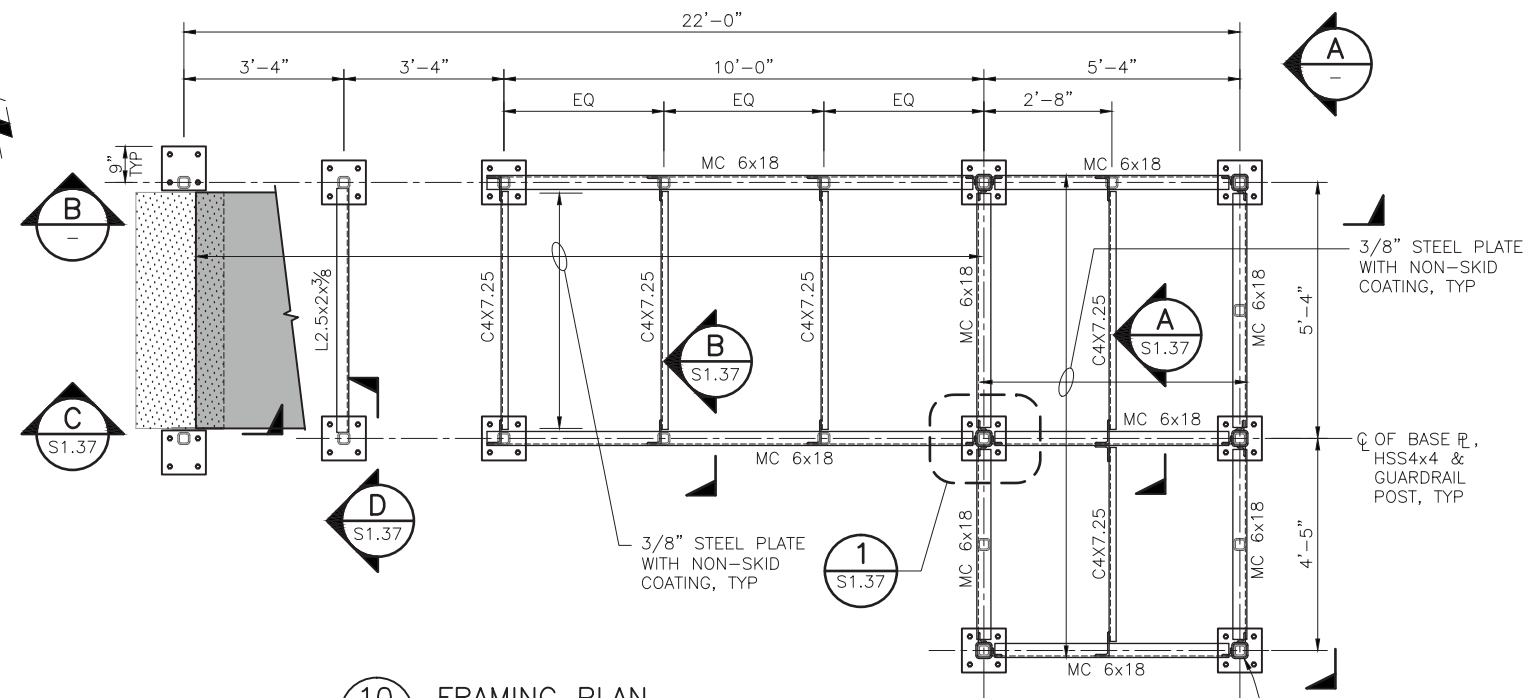
PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
FLOAT BOARDING PLATFORM PLAN & SECTION



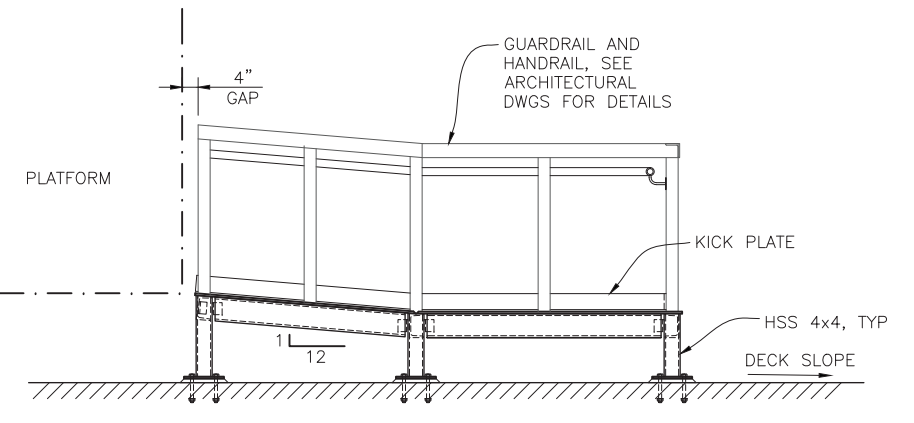
P:\7038 GGBD Ferry Terminals\500 Cadd\560 Working\SAUSALITO\CADD\703800_S1.31.dwg Mar 20, 2015 - 11:30am

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

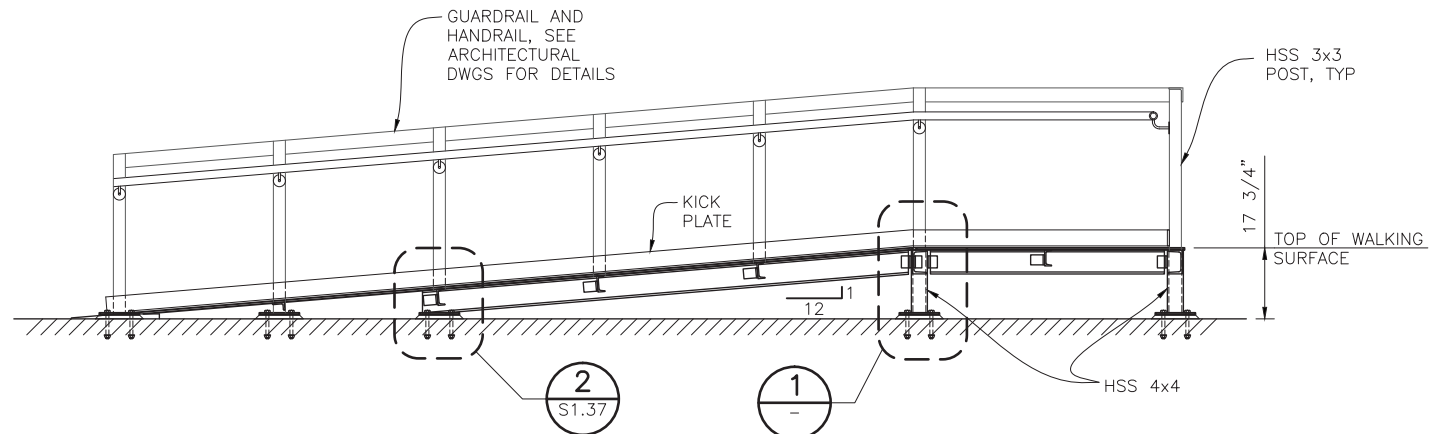


10 FRAMING PLAN
S1.1 SCALE: 1/2"=1'-0"

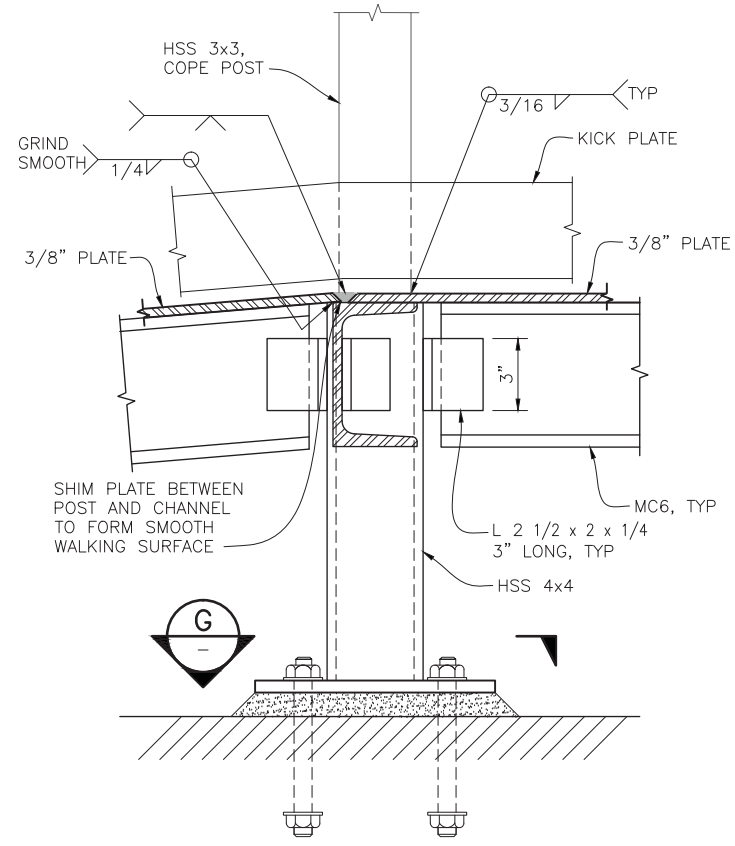
NOTE: KICK PLATE & GUARDRAIL NOT SHOWN FOR CLARITY.



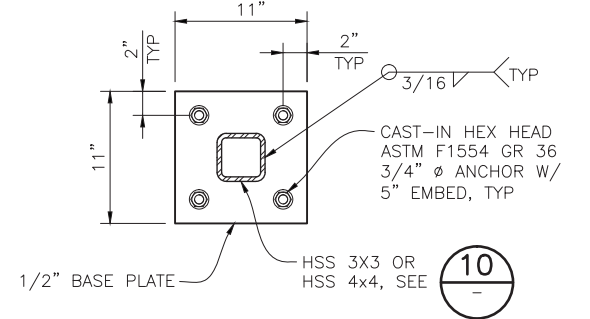
A SECTION
S1.36 SCALE: 1/2"=1'-0"



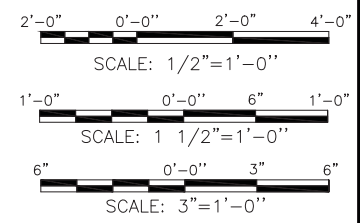
B SECTION
S1.36 SCALE: 1/2"=1'-0"



1 DETAIL
SCALE: 3"=1'-0"



G TYPICAL SECTION
SCALE: 1 1/2"=1'-0"



MARCH 24, 2015

GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

| | | | |
|------------|--------|------------|------------------------------|
| DESIGN | BY MP | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY AIB | CHECKED | |
| QUANTITIES | BY | CHECKED | |

APN 065-073-05 AND APN 065-133-22

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2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER
07/18/2014
PLANS APPROVAL DATE

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|----------------------------|-------------|-------|
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| CONTRACT NO. 2011-B-2 | DRAWING NO. | S1.36 |
| CADD FILE 703800_S1.36.dwg | DATE | |

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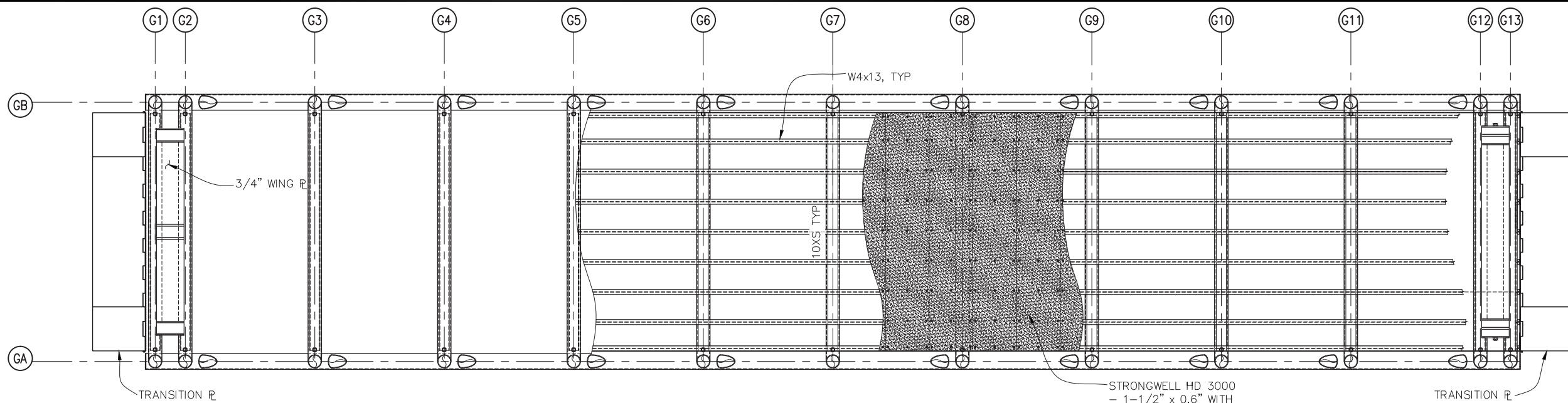
PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
FLOAT FIXED BOARDING RAMP SHEET 1

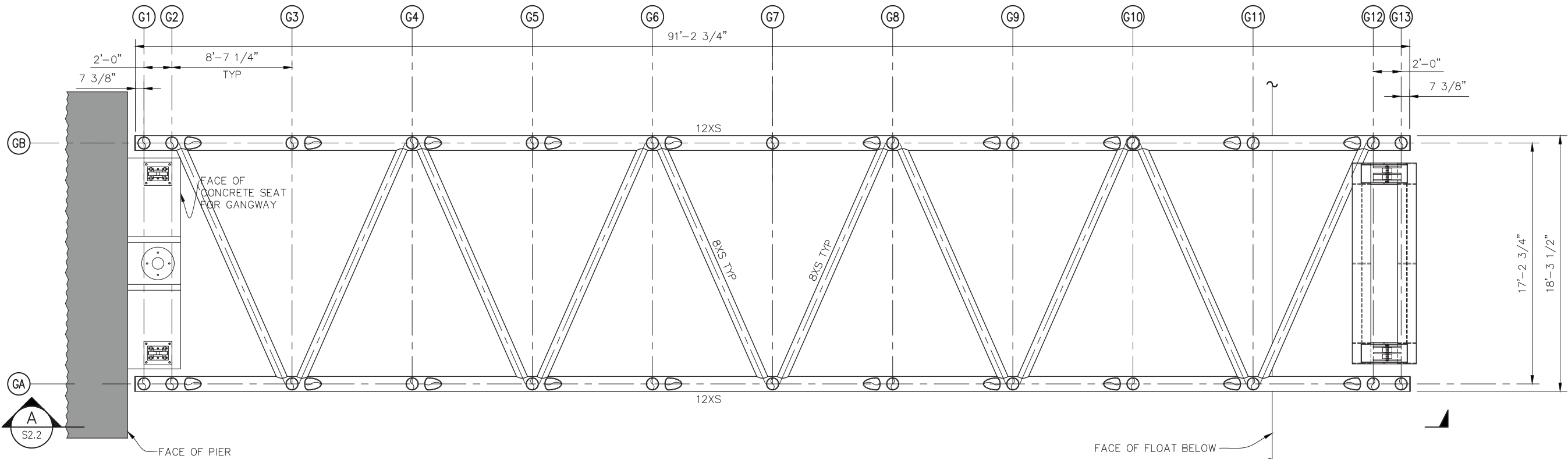


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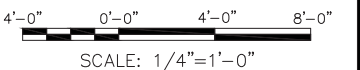
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



A GANGWAY FRAMING PLAN A
S1.1 SCALE: 1/4"=1'-0"



B GANGWAY FRAMING PLAN B
S2.2 SCALE: 1/4"=1'-0"



P:\7038 GGBD Ferry Terminals\500 Cadd\560 Working\SAUSALITO\CADD\703800_S2.1.dwg Mar 23, 2015 - 2:46pm

GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

| | | |
|------------|--------|------------|
| DESIGN | BY AB | CHECKED BJ |
| DRAWN | BY EBD | CHECKED |
| QUANTITIES | BY | CHECKED |

BO JENSEN
PROJECT MANAGER



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REGISTERED CIVIL ENGINEER
07/18/2014
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|---------------------------|-------------|------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | S2.1 |
| CADD FILE 703800_S2.1.dwg | DATE | |

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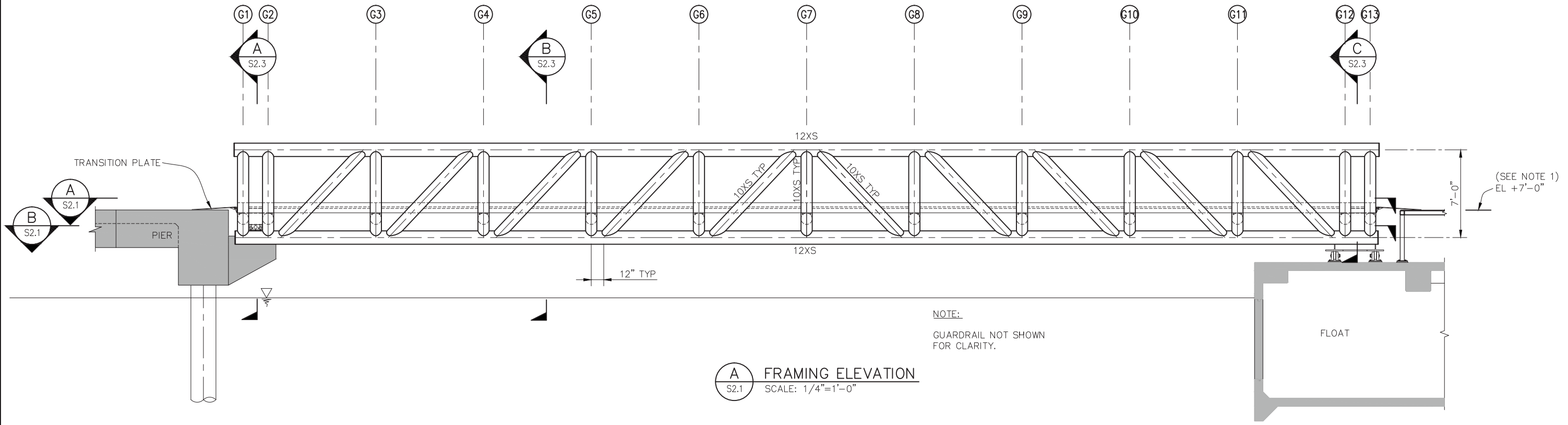
PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS
SHEET TITLE
GANGWAY FRAMING PLAN

MARCH 24, 2015



ORIGINAL SCALE IN INCHES
FOR REDUCED PLANS

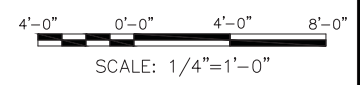




A FRAMING ELEVATION
S2.1 SCALE: 1/4"=1'-0"

NOTE:
GUARDRAIL NOT SHOWN FOR CLARITY.

NOTES:
1. ELEVATIONS ARE REFERENCED TO TOP OF WATER SURFACE.



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GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

| | | | |
|------------|--------|------------|------------------------------|
| DESIGN | BY EBD | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY TE | CHECKED | |
| QUANTITIES | BY | CHECKED | |

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| CONTRACT NO. 2011-B-2 | DRAWING NO. | S2.2 |
| CADD FILE 703800_S2.2.dwg | DATE | |

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DISTRICT ENGINEER

DATE

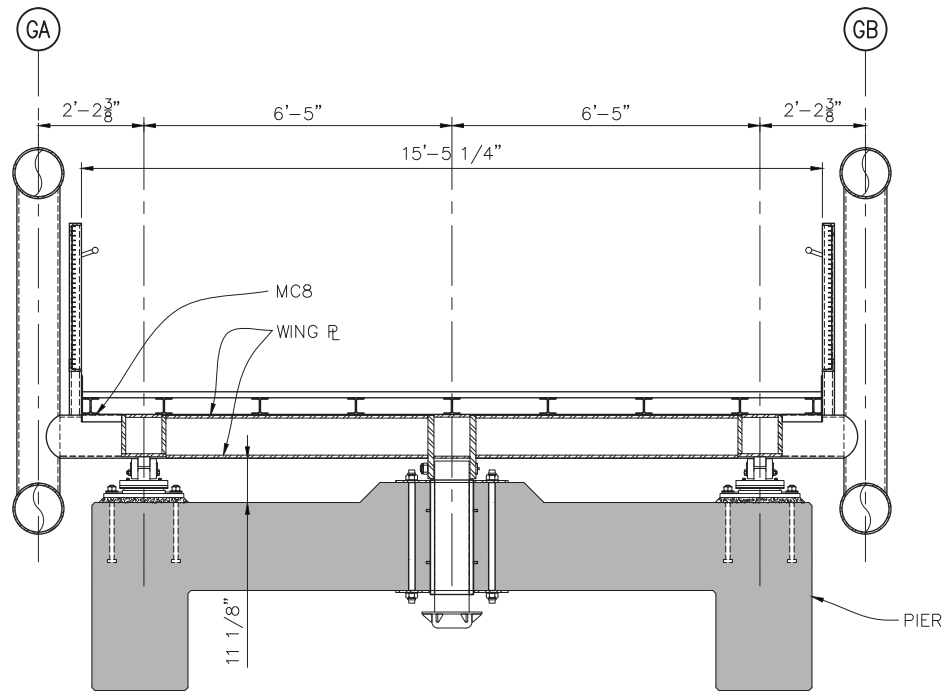
PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
GANGWAY ELEVATION AND DETAILS

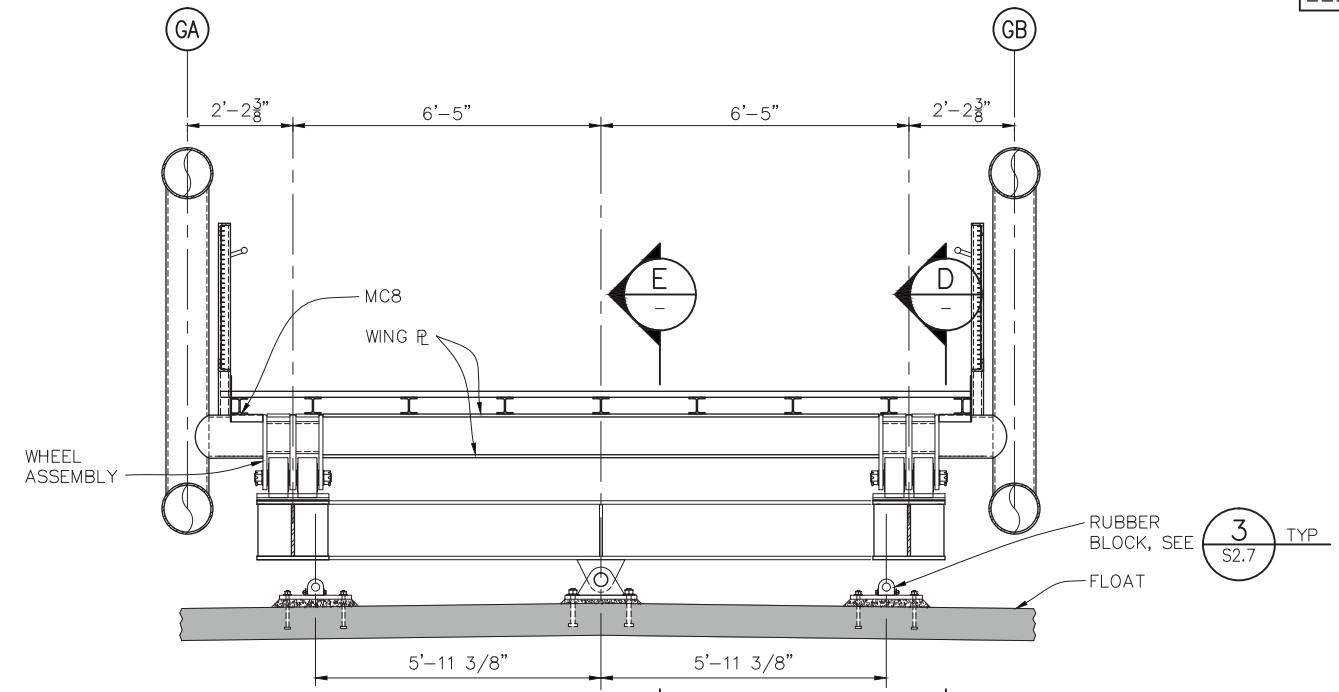
MARCH 24, 2015



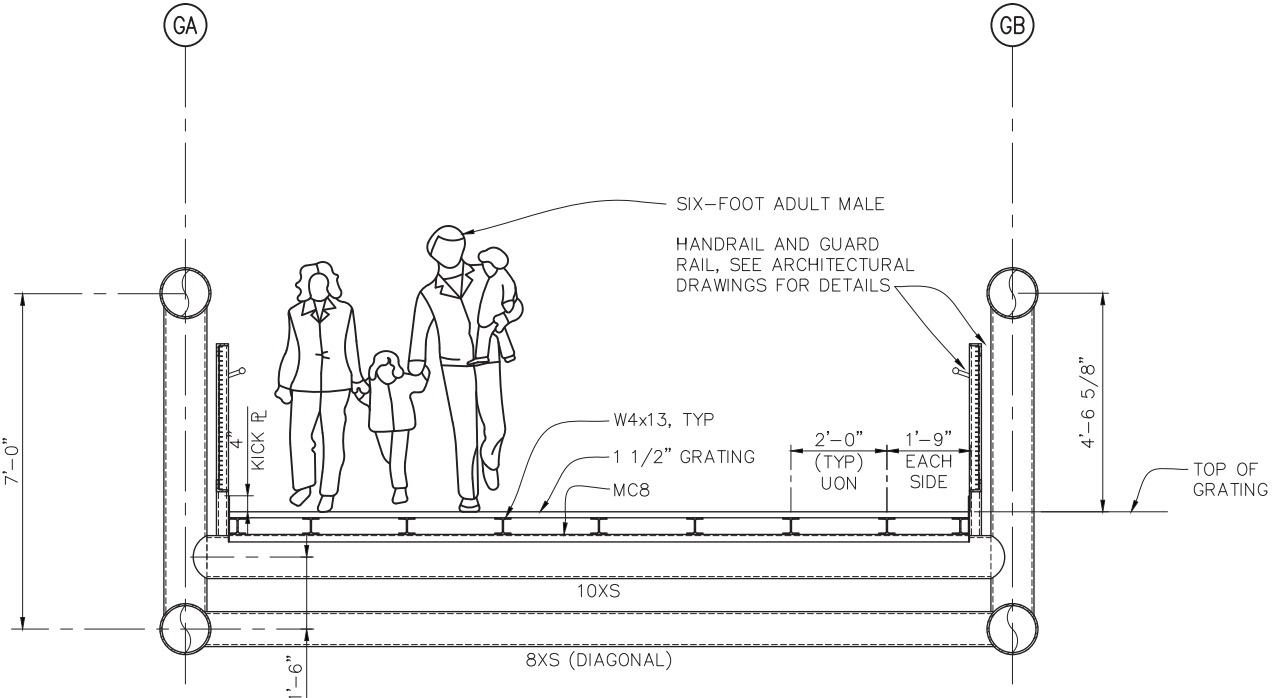
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



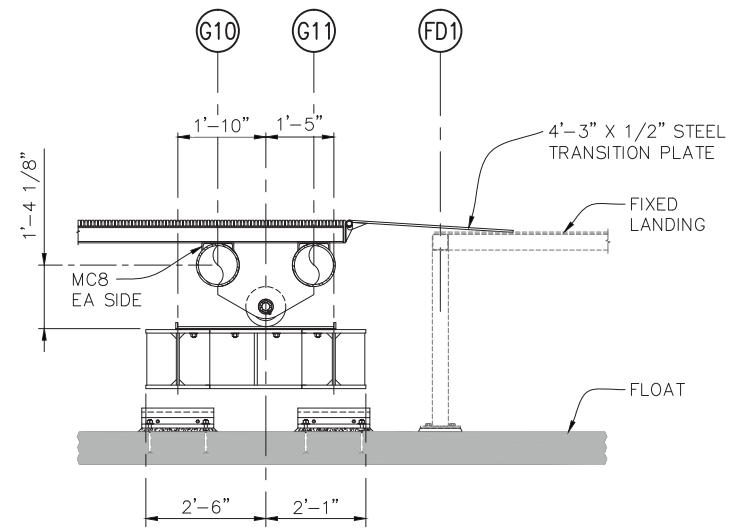
A SECTION
S2.2 SCALE: 1/2"=1'-0"



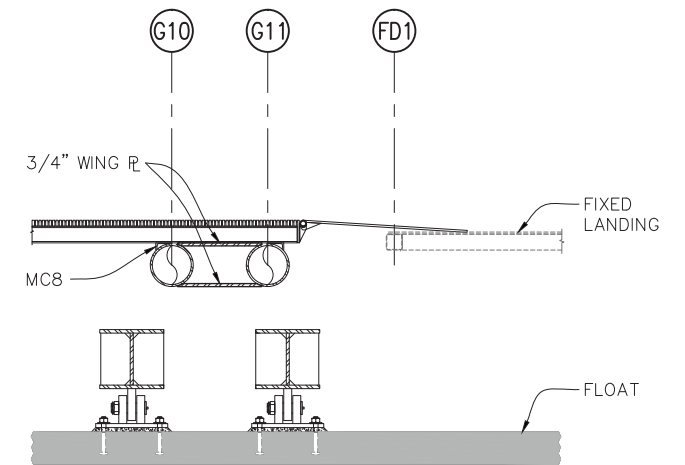
C SECTION
S2.2 SCALE: 1/2"=1'-0"



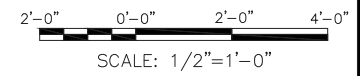
B SECTION
S2.2 SCALE: 1/2"=1'-0"



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



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



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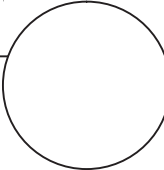
GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

| | | | |
|------------|--------|------------|------------------------------|
| DESIGN | BY EBD | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY TE | CHECKED | |
| QUANTITIES | BY | CHECKED | |

moftatt & nichol
2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER
07/18/2014
PLANS APPROVAL DATE



| | | |
|---------------------------|-------------|------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | S2.3 |
| CADD FILE 703800_S2.3.dwg | DATE | |

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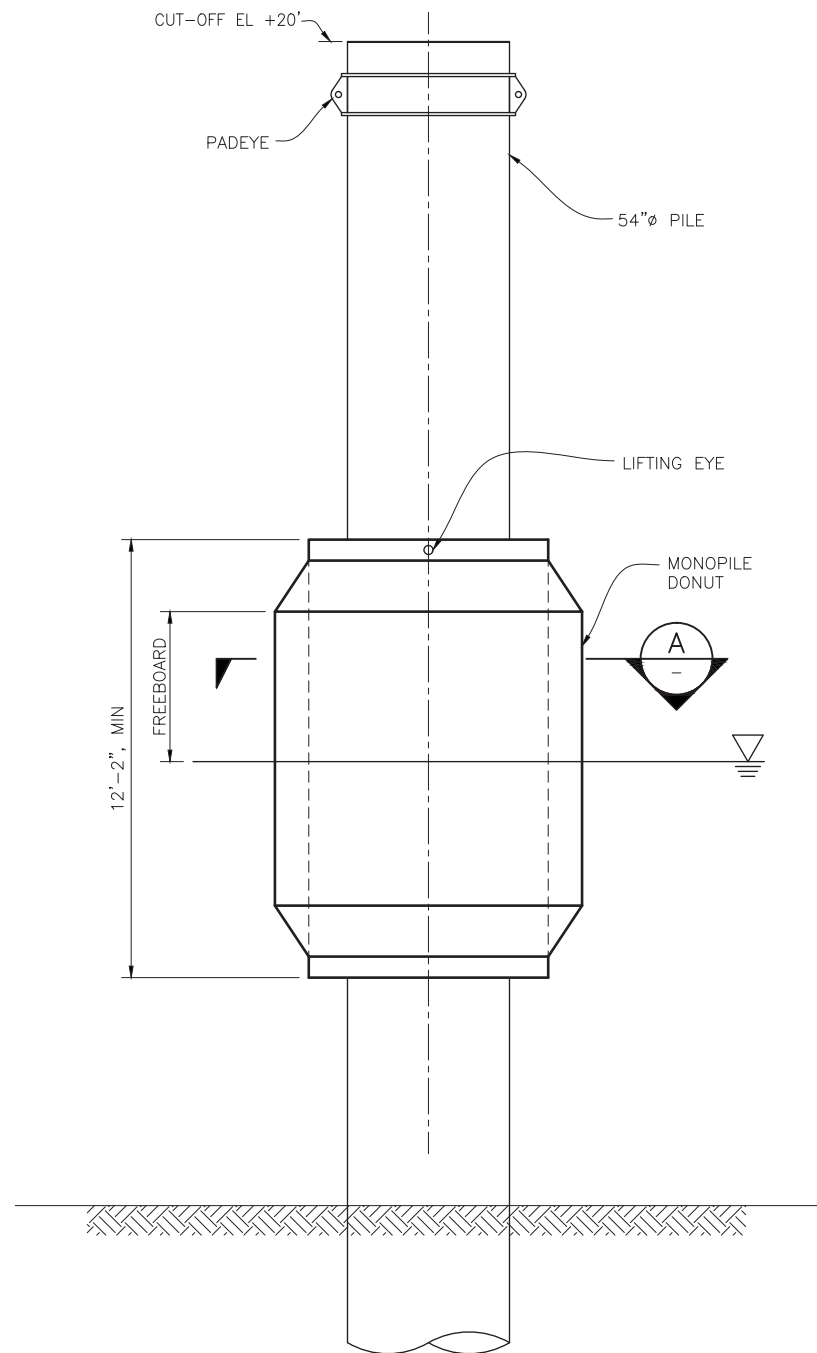
DISTRICT ENGINEER

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

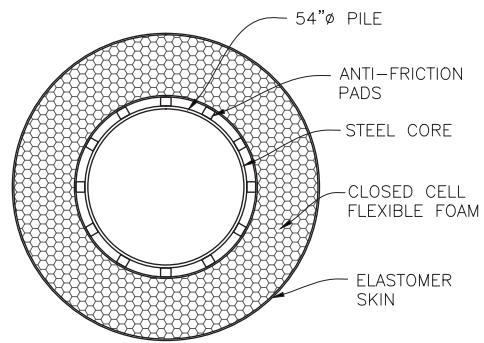
SHEET TITLE
GANGWAY SECTIONS



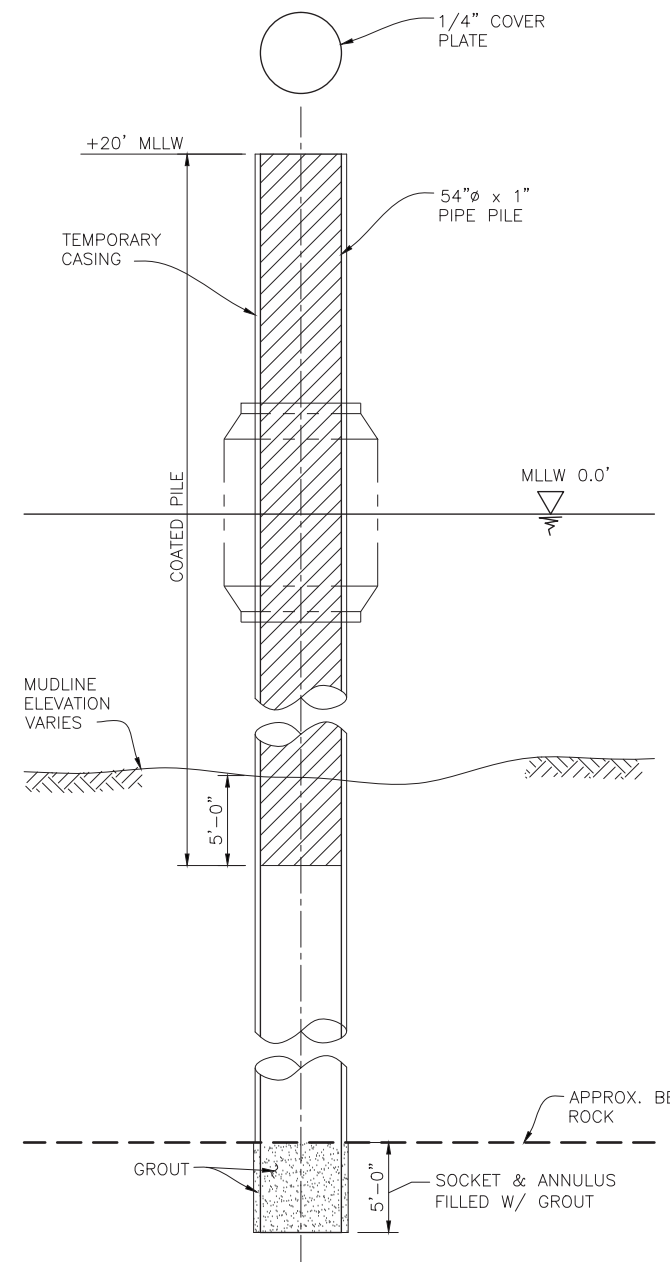
MARCH 24, 2015



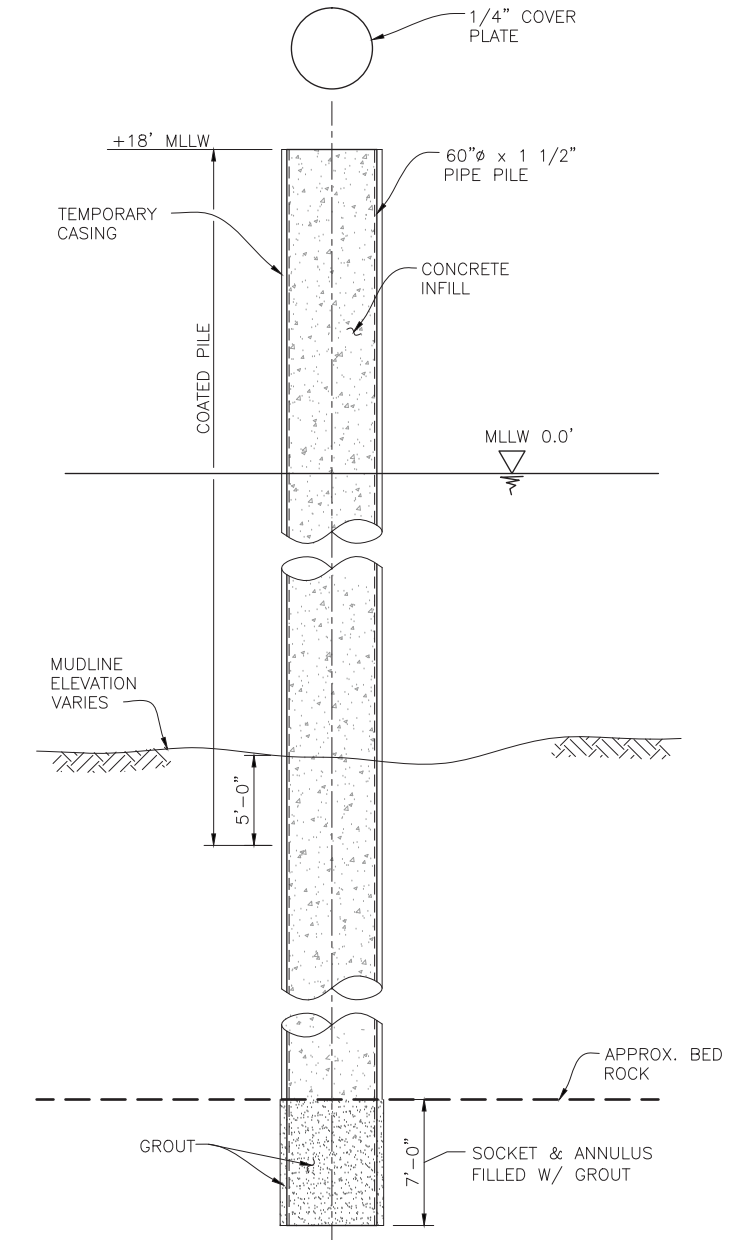
9 DETAIL - DONUT FENDER
S1.1 SCALE: 3/8"=1'-0"



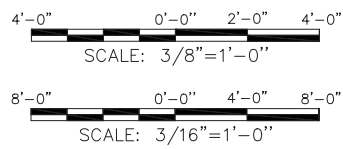
A SECTION
SCALE: 3/8"=1'-0"



1 ELEVATION - DONUT FENDER PILE
SCALE: 3/16"=1'-0"



2 ELEVATION - GUIDE PILE
SCALE: 3/16"=1'-0"



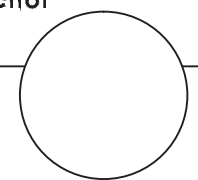
GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

| | | | |
|------------|--------|------------|------------------------------|
| DESIGN | BY AB | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY AIB | CHECKED | |
| QUANTITIES | BY | CHECKED | |

moftatt & nichol
2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER
07/18/2014
PLANS APPROVAL DATE



| | | |
|---------------------------|-------------|------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | S3.2 |
| CADD FILE 703800_S3.2.dwg | DATE | |

APPROVED BY

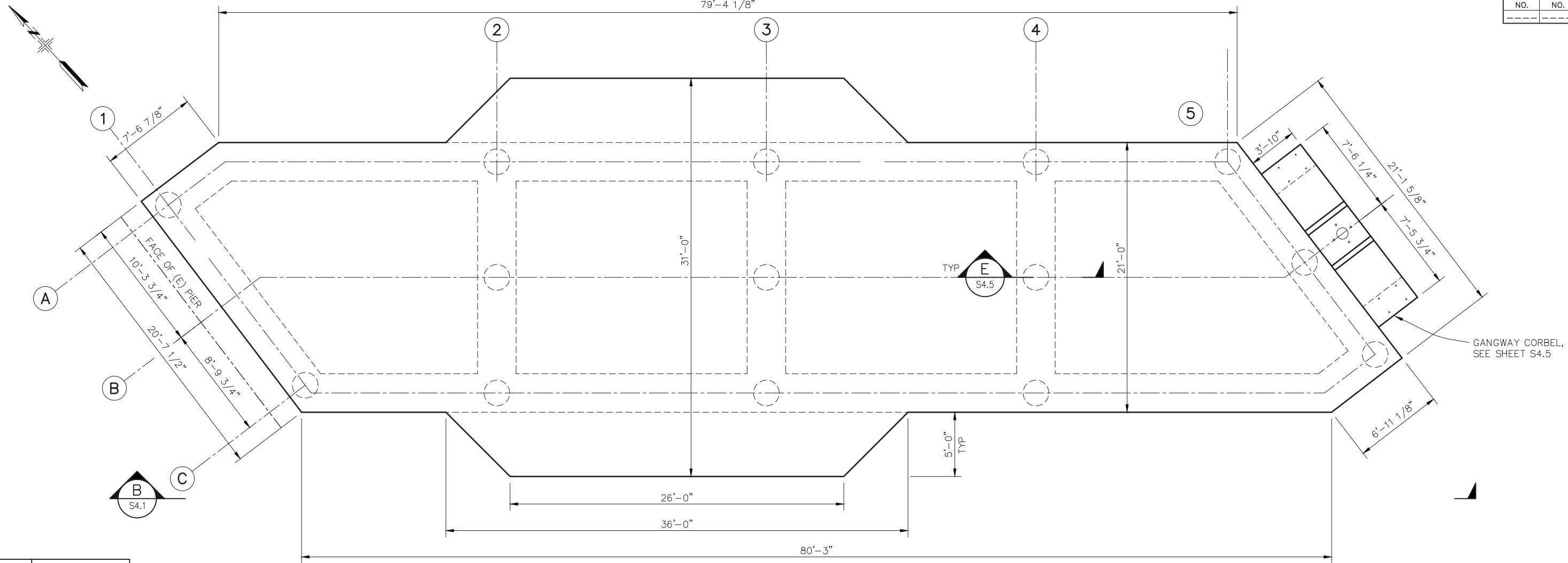
DISTRICT ENGINEER
DATE

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS
SHEET TITLE
GUIDE PILE & DONUT FENDER

MARCH 24, 2015

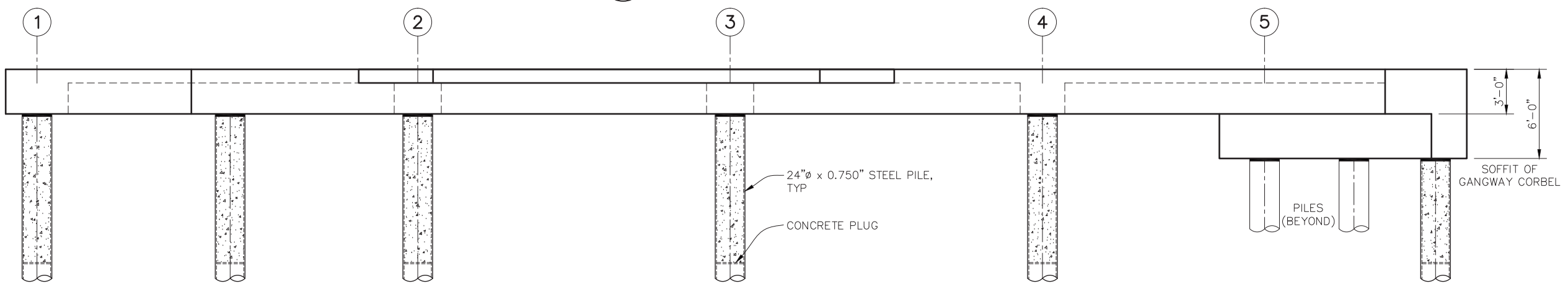


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A PLAN
S4.1 SCALE: 1/4"=1'-0"

| PILE | TIP ELEVATION* (ft) |
|------|---------------------|
| 1A | -65.00 |
| 1C | -65.00 |
| 2A | -65.00 |
| 2B | -65.00 |
| 2C | -65.00 |
| 3A | -65.00 |
| 3B | -65.00 |
| 3C | -65.00 |
| 4A | -65.00 |
| 4B | -65.00 |
| 4C | -65.00 |
| 5A | -65.00 |
| 5B | -65.00 |
| 5C | -65.00 |



B ELEVATION
S4.1 SCALE: 1/4"=1'-0"

*DRIVE PILES TO THE TOP OF BEDROCK. BEDROCK ELEVATION TO BE FIELD VERIFIED.

GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

| | | | |
|------------|-------|------------|------------------------------|
| DESIGN | BY GD | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY TE | CHECKED | |
| QUANTITIES | BY | CHECKED | |

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2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER
07/18/2014
PLANS APPROVAL DATE

| | | |
|---------------------------|-------------|------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | S4.1 |
| CADD FILE 703800_S4.1.dwg | DATE | |

APPROVED BY

DISTRICT ENGINEER

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

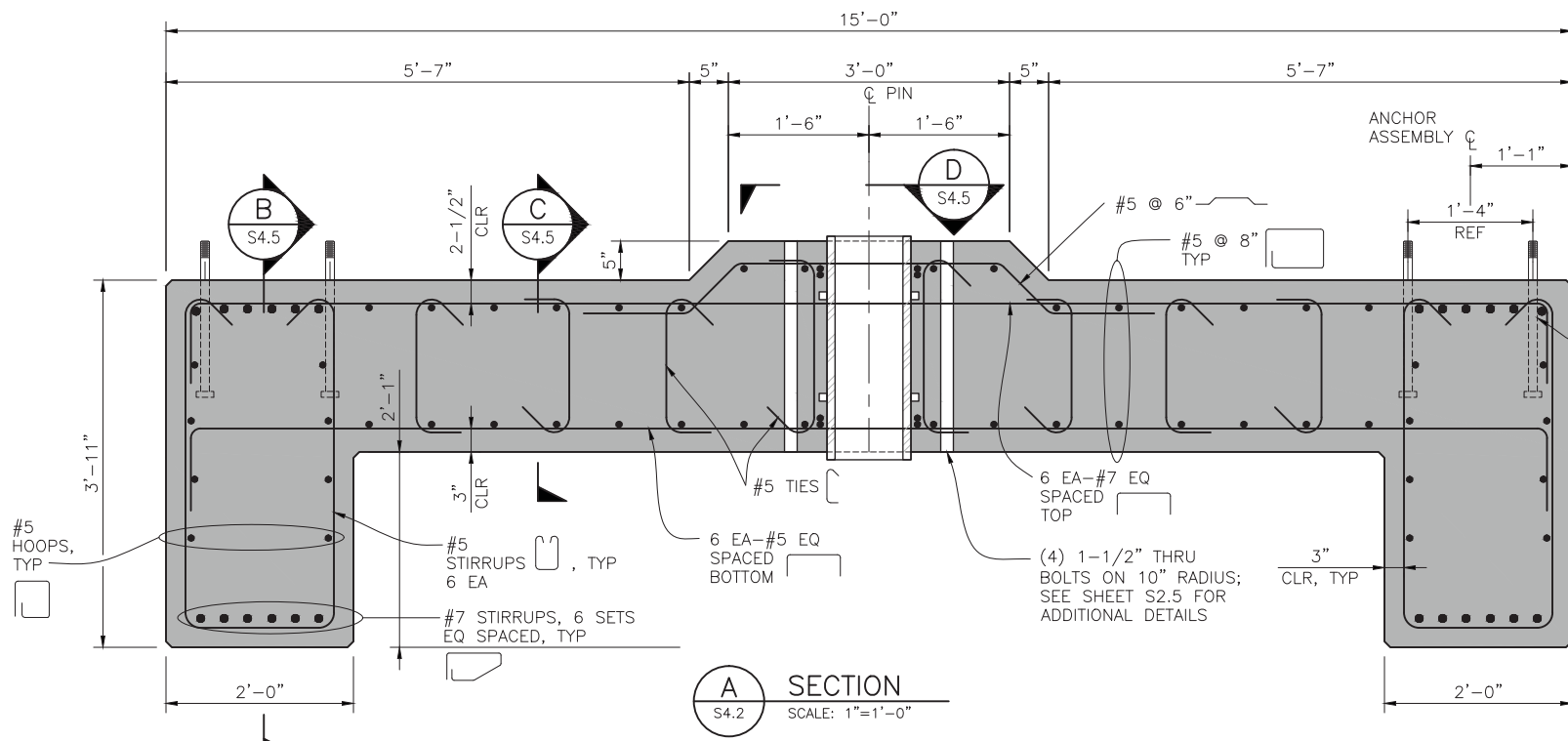
SHEET TITLE
PIER EXTENSION PLAN & ELEVATION

MARCH 24, 2015

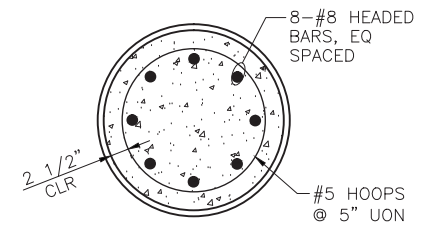


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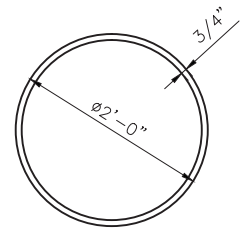
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



A SECTION
S4.2 SCALE: 1"=1'-0"

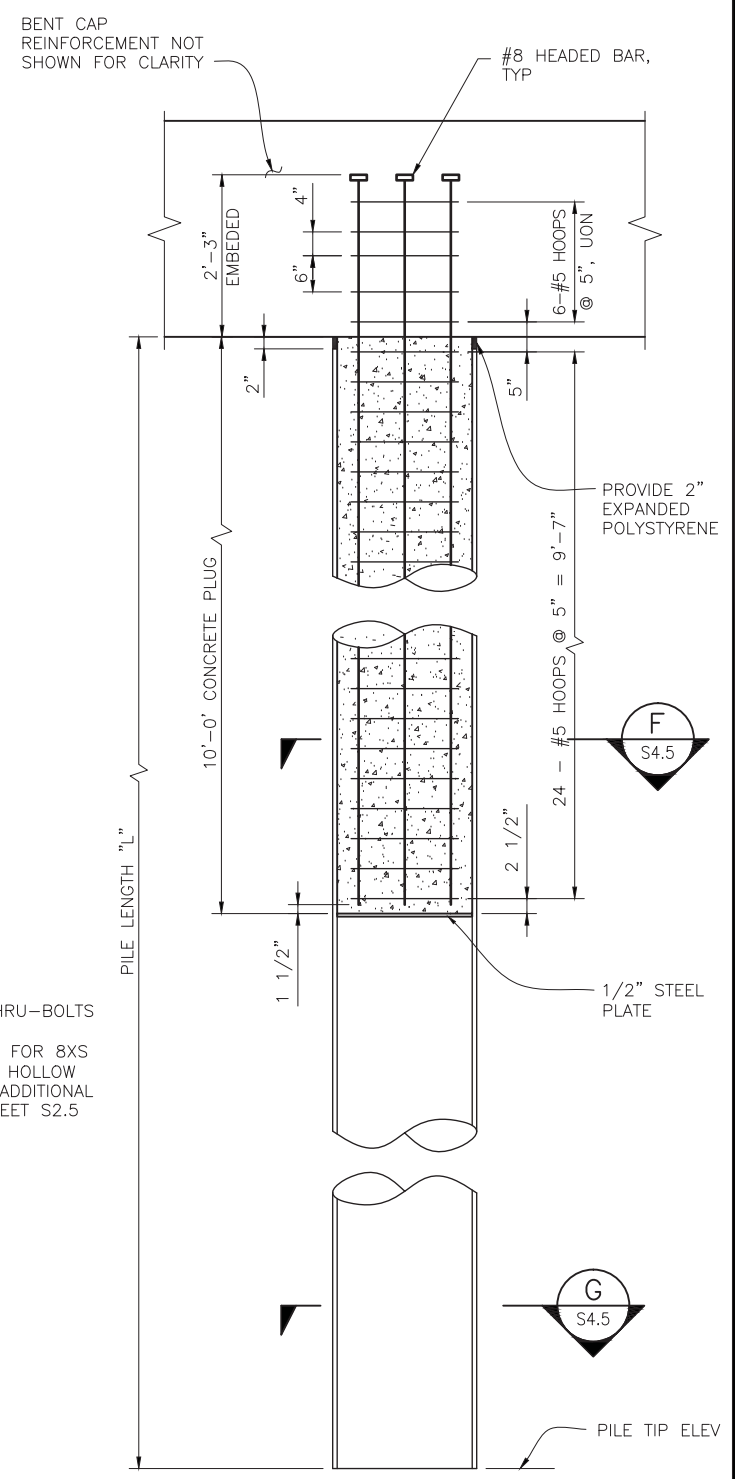


F SECTION
S4.5 SCALE: 1"=1'-0"

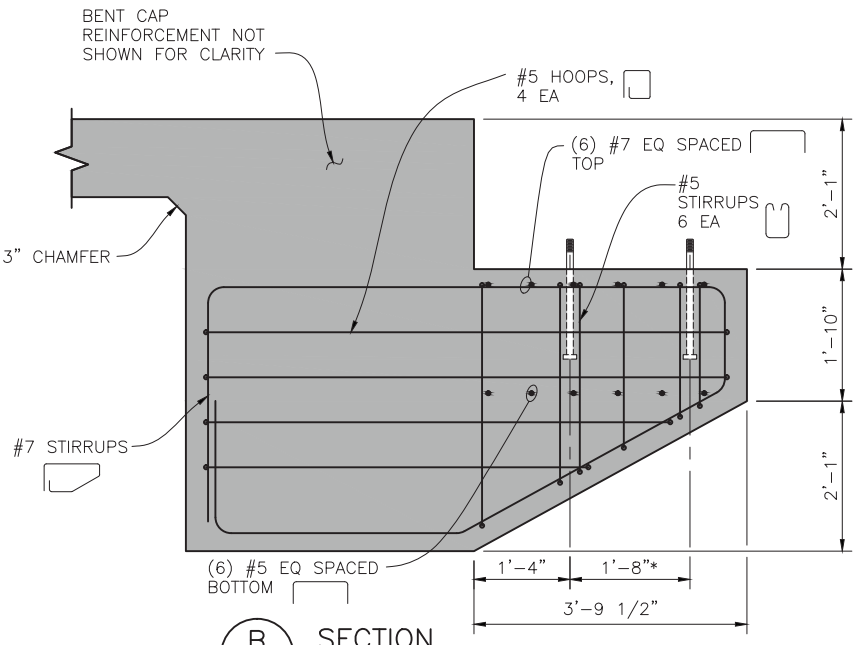


G SECTION
S4.5 SCALE: 1"=1'-0"

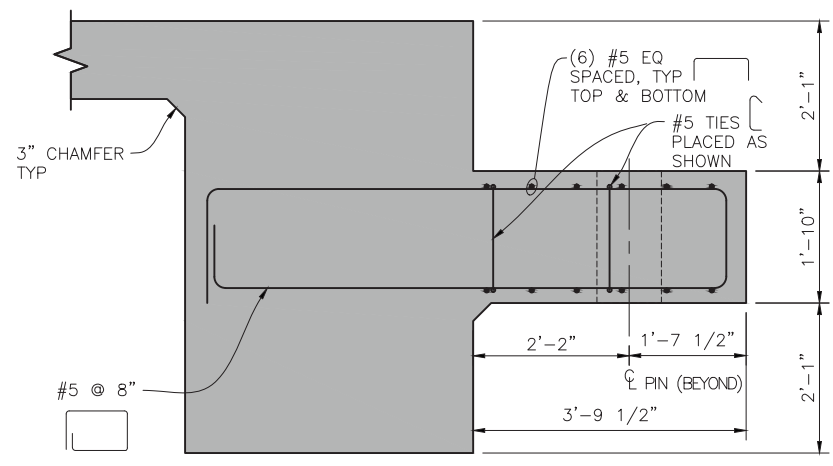
(4) 1-1/8" Ø ANCHOR BOLTS; SEE SHEET S2.6 FOR ADDITIONAL DETAILS



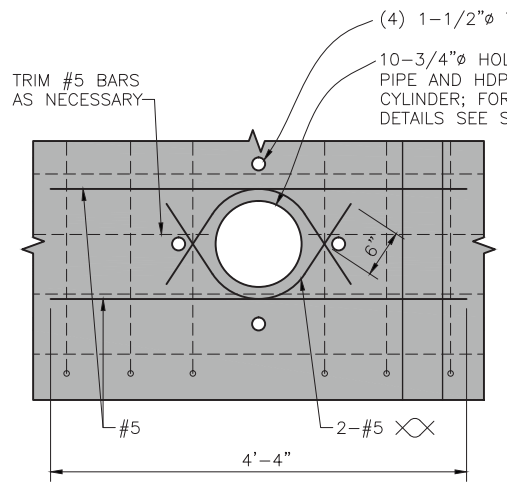
E SECTION
S4.1 SCALE: 3/4"=1'-0"



B SECTION
S4.5 SCALE: 3/4"=1'-0"

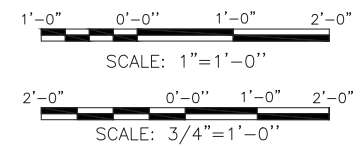


C SECTION
S4.5 SCALE: 3/4"=1'-0"



D SECTION
S4.5 SCALE: 1"=1'-0"

*NOTE: (4) 1-1/8" Ø x 20" LONG ASTM F1554 GR 105 ANCHOR BOLTS (MIN 15" EMBEDMENT)



GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

| | | | |
|------------|-----------|------------|------------------------------|
| DESIGN | BY GD | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY AIB/TE | CHECKED | |
| QUANTITIES | BY | CHECKED | |

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2185 N. California Blvd., Suite 500
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REGISTERED CIVIL ENGINEER
07/18/2014
PLANS APPROVAL DATE

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|---------------------------|-------------|------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | S4.5 |
| CADD FILE 703800_S4.5.dwg | DATE | |

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PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

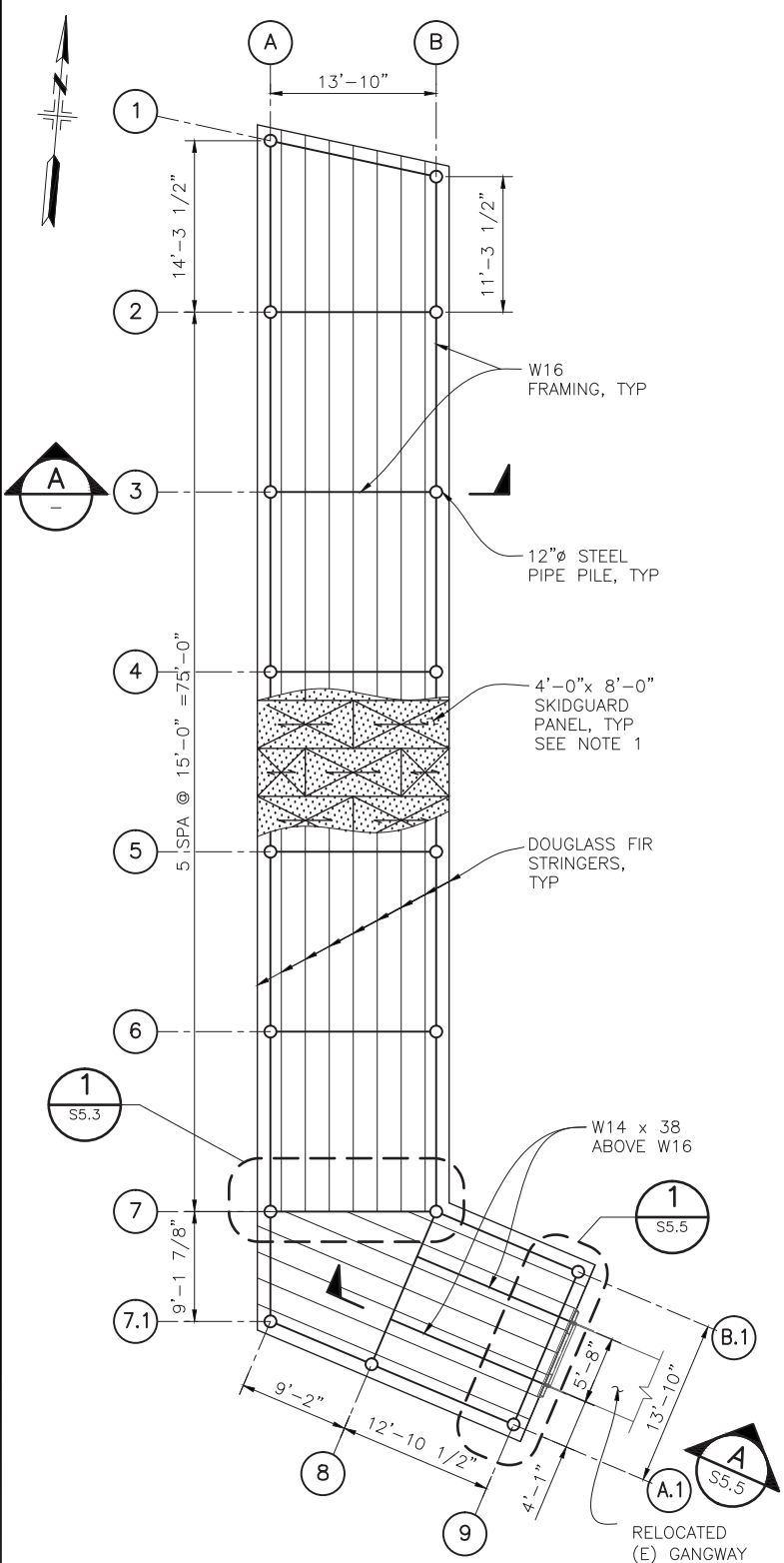
SHEET TITLE
PIER EXTENSION CORBEL REINFORCEMENT & PILE DETAILS

MARCH 24, 2015

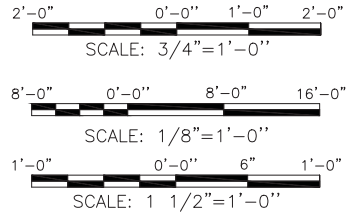


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ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



FRAMING PLAN
SCALE: 1/8" = 1'-0"



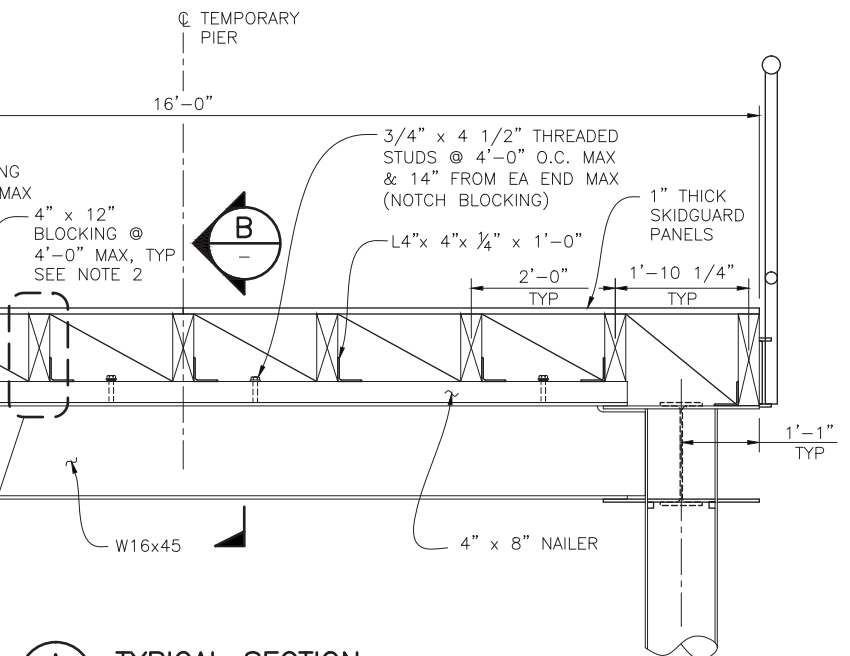
GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

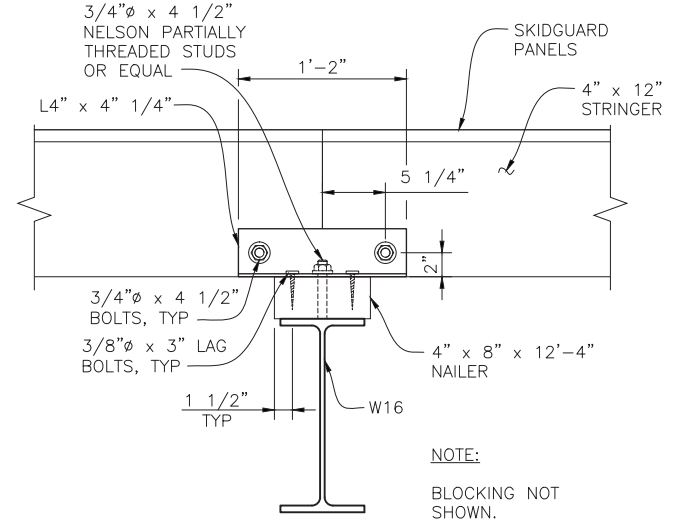
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|------------|--------|------------|------------------------------|
| DESIGN | BY GD | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY AIB | CHECKED | |
| QUANTITIES | BY | CHECKED | |

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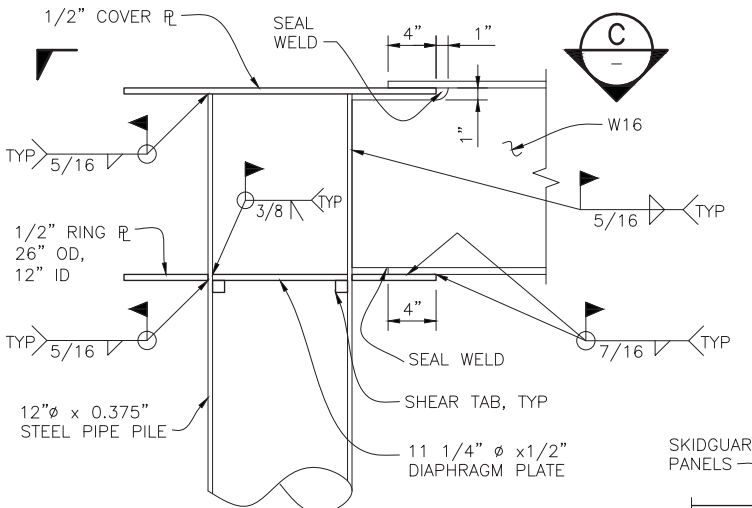
REGISTERED CIVIL ENGINEER
07/18/2014
PLANS APPROVAL DATE



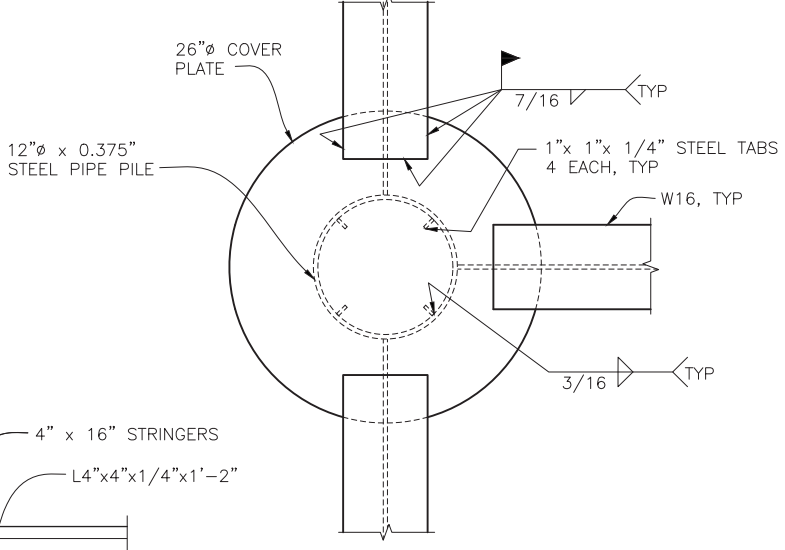
A TYPICAL SECTION
SCALE: 3/4" = 1'-0"



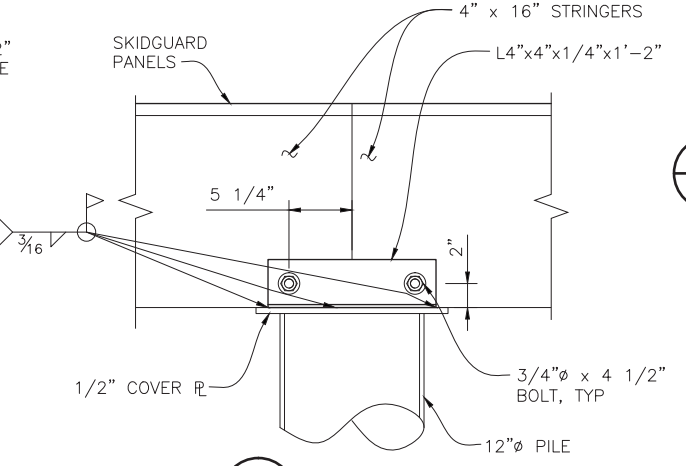
B SECTION
SCALE: 1 1/2" = 1'-0"



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



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



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

| PILE | TIP ELEVATION (ft) |
|------|--------------------|
| 1A | -40.00 |
| 1B | -42.00 |
| 2A | -42.00 |
| 2B | -44.00 |
| 3A | -42.00 |
| 3B | -44.00 |
| 4A | -43.00 |
| 4B | -43.00 |
| 5A | -43.00 |
| 5B | -43.00 |
| 6A | -43.00 |
| 6B | -43.00 |
| 7A | -43.00 |
| 7B | -44.00 |
| 7.1A | -45.00 |
| 8A.1 | -43.00 |
| 9A.1 | -43.00 |
| 9B.1 | -45.00 |

- NOTES:**
- PLACE SKIDGUARD PANEL PERPENDICULAR TO STRINGERS. USE 8d - 2 1/2" x 0.131 CORROSION RESISTANT DEFORMED SHANK NAILS. SPACE 6" MAX O.C. AT EDGES AND 12" MAX O.C. AT INTERIOR SUPPORTS. PROVIDE MINIMUM EDGE DISTANCE OF 3/8". EDGES OF SKIDGUARD PANELS TO BE FULLY BLOCKED.
 - BLOCKING SHALL BE PROVIDED AT EACH NAILER AND AT RAILING POST LOCATIONS.

MARCH 24, 2015

GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

TEMPORARY PIER FRAMING PLAN, SECTIONS & DETAILS

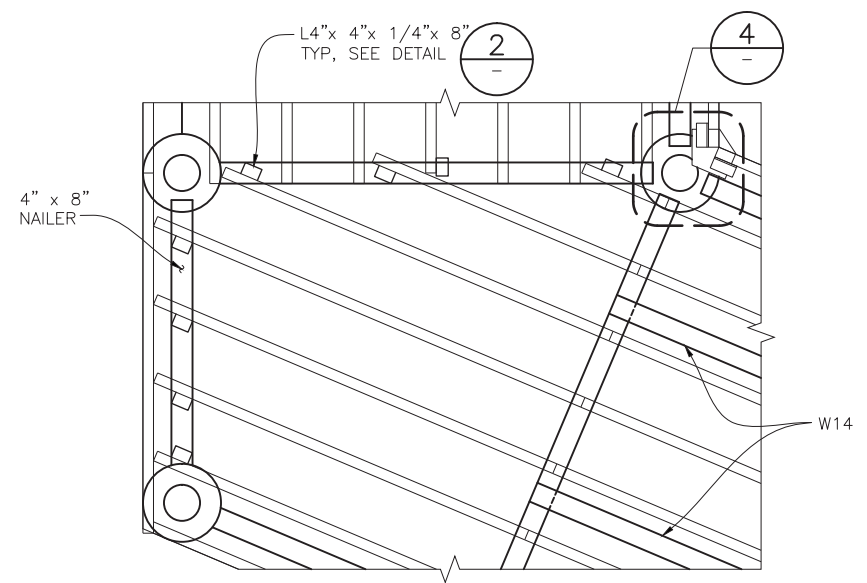


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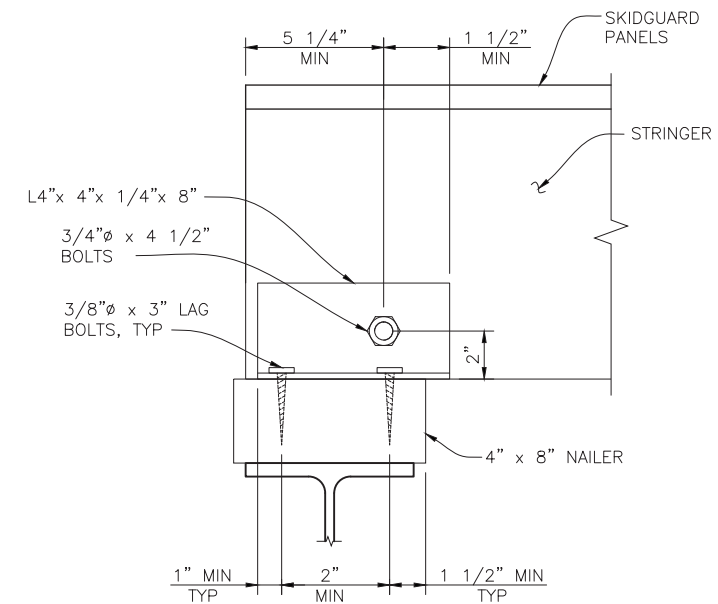
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

| | | |
|---------------------------|-------------|------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | S5.2 |
| CADD FILE 703800_S5.2.dwg | DATE | |

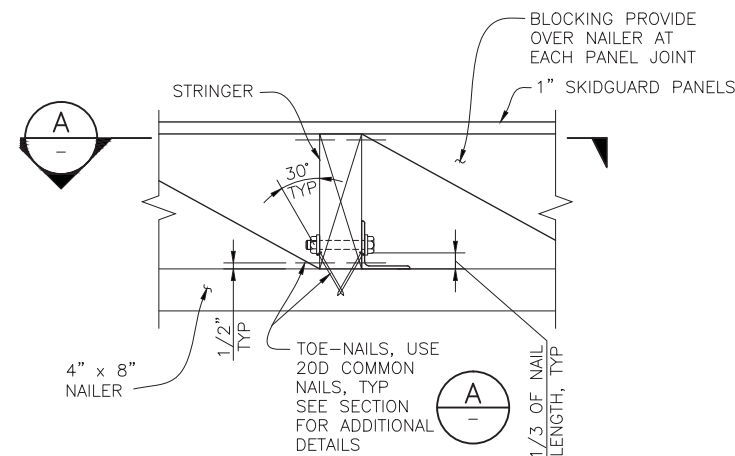
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DISTRICT ENGINEER



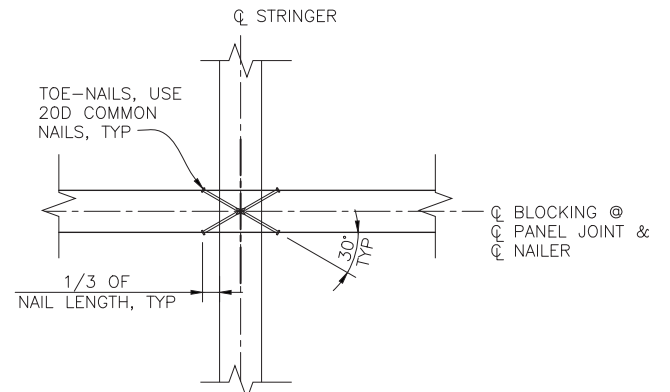
1 DETAIL
S5.2 SCALE: 3/8"=1'-0"



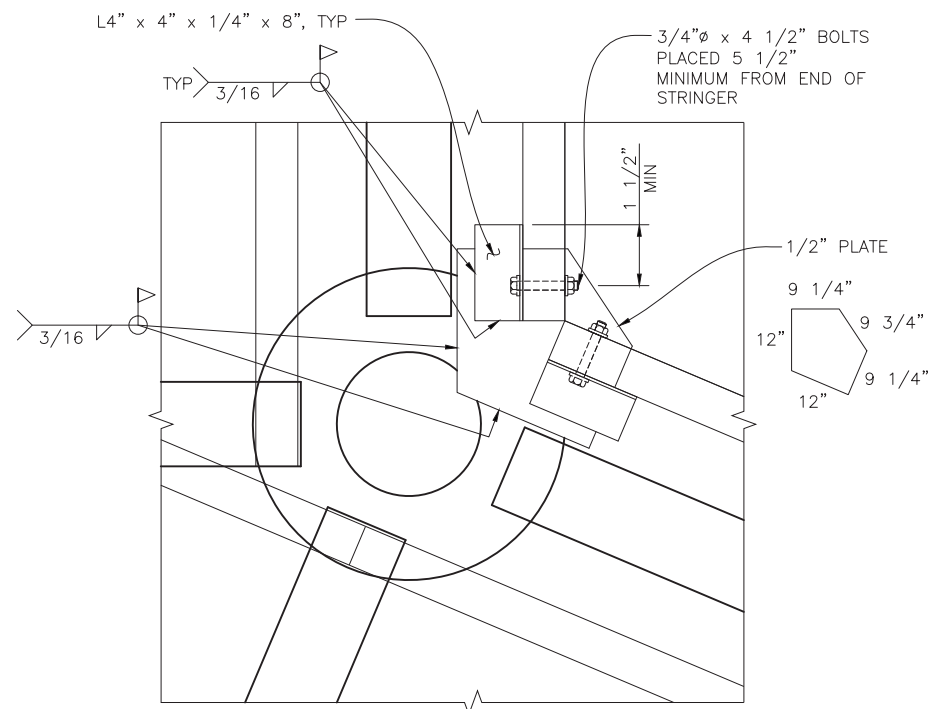
2 DETAIL
SCALE: 3"=1'-0"



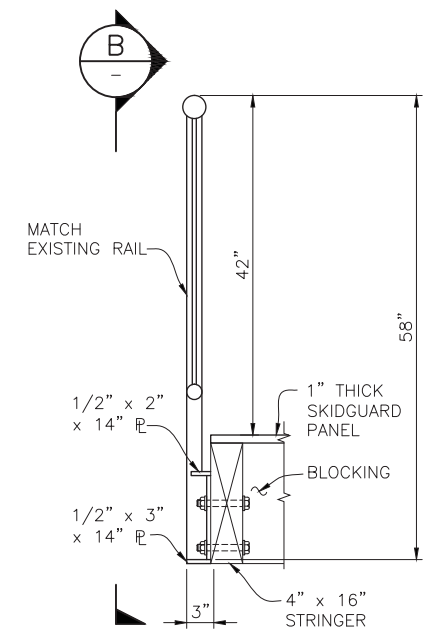
3 DETAIL
S5.2 SCALE: 1 1/2"=1'-0"



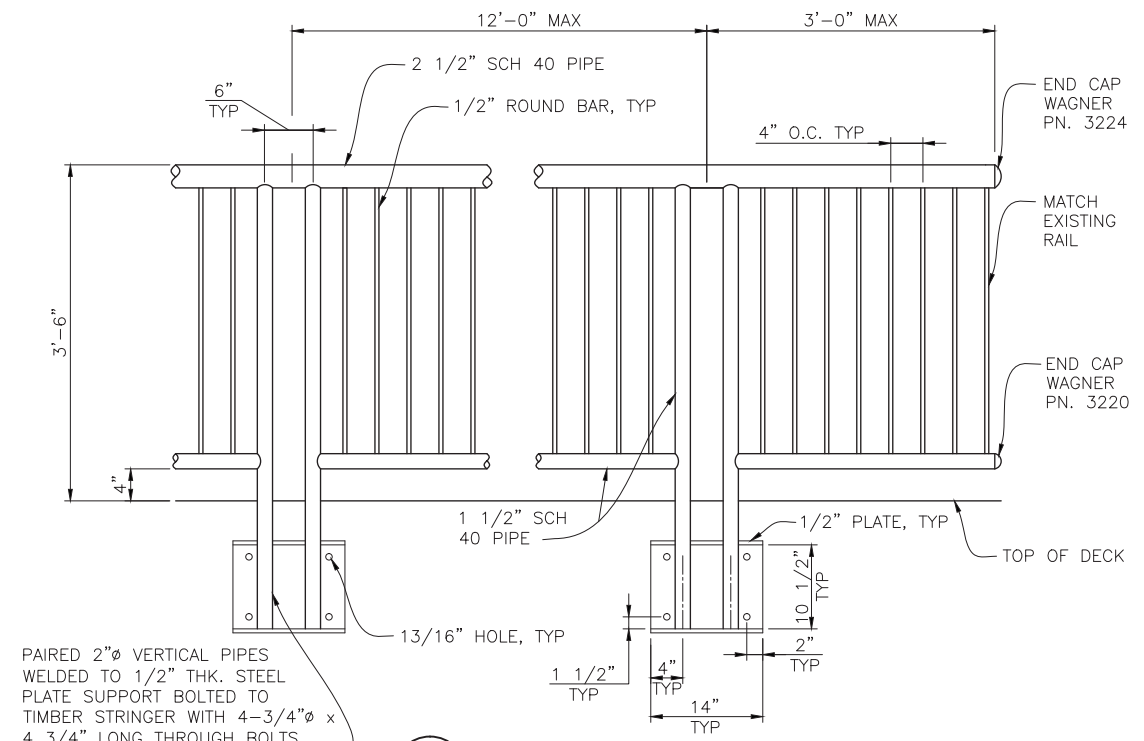
A SECTION
SCALE: 1 1/2"=1'-0"



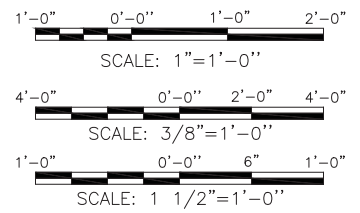
4 DETAIL
SCALE: 1 1/2"=1'-0"



5 RAIL DETAIL
S5.2 SCALE: 1"=1'-0"



B ELEVATION
SCALE: 1"=1'-0"



GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

| | | | |
|------------|-------|------------|------------------------------|
| DESIGN | BY MP | CHECKED BJ | BO JENSEN PROJECT MANAGER |
| DRAWN | BY XL | CHECKED | |
| QUANTITIES | BY | CHECKED | |

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2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER
07/18/2014
PLANS APPROVAL DATE

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| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | S5.3 |
| CADD FILE 703800_S5.3.dwg | DATE | |

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DISTRICT ENGINEER

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS
SHEET TITLE
TEMPORARY PIER FRAMING & MISCELLANEOUS DETAILS

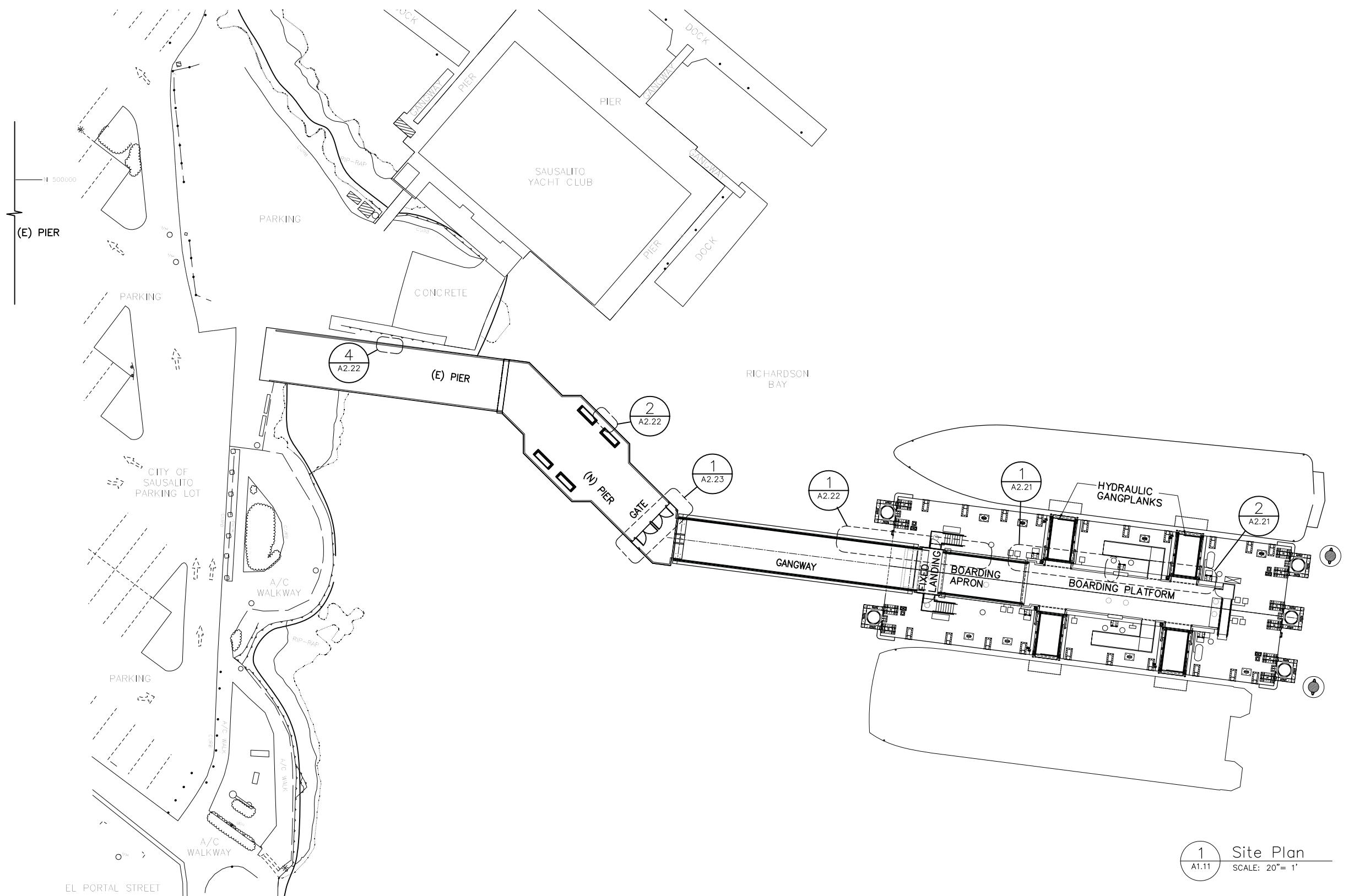
MARCH 24, 2015



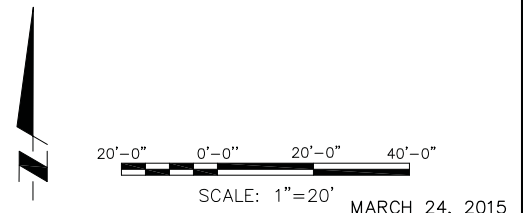
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ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

| | | |
|----------|-----------|--------------|
| REV. NO. | SHEET NO. | TOTAL SHEETS |
| | | |



1 Site Plan
A1.11 SCALE: 20" = 1"



T:\090900 (GGFerry)\00 Drawings & Specifications\Drawings\00 Current\A1.11.dwg Mar 23, 2015 - 2:31pm

GOLDEN GATE BRIDGE
HIGHWAY AND TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION, SAN FRANCISCO CA 94129
APN 065-073-05 AND APN 065-133-22

| | | | |
|--|----|---------|----------------------------------|
| DESIGN | BY | CHECKED | ROBERT JANSEN PROJECT MANAGER |
| DETAILS | BY | CHECKED | |
| QUANTITIES | BY | CHECKED | |
| ORIGINAL SCALE IN INCHES FOR REDUCED PLANS | | | |

456 Montgomery st. Suite 300
San Francisco, CA 94104

REGISTERED ARCHITECT

PLANS APPROVAL DATE

moffatt & nichol

2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

| | | |
|-----------------------|-------------|-------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | A1.11 |
| CADD FILE | | |

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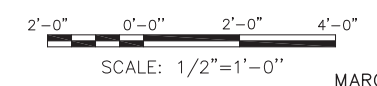
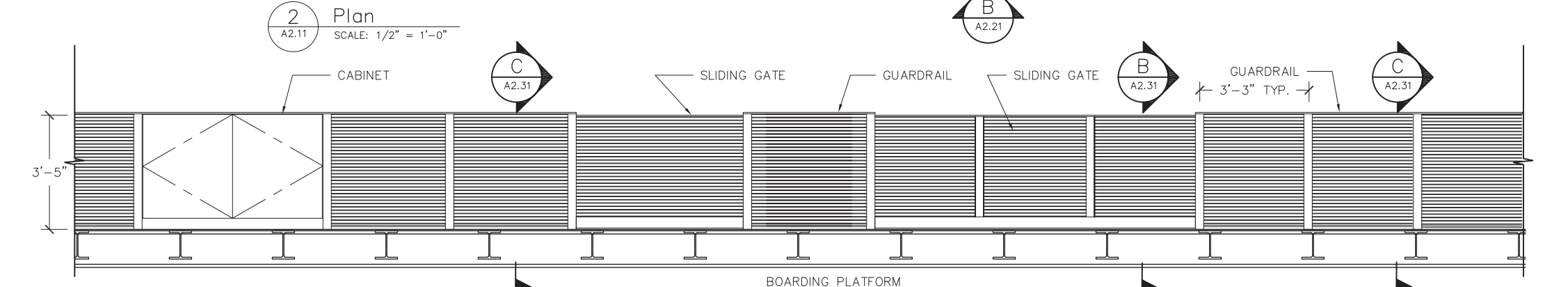
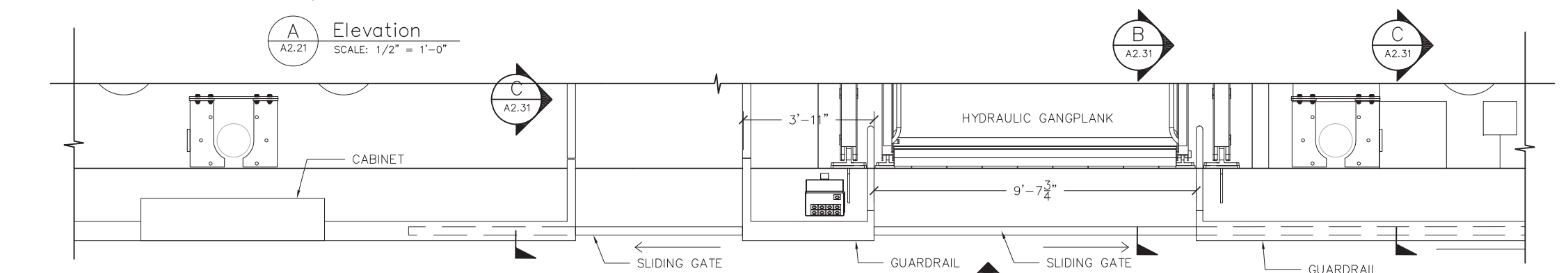
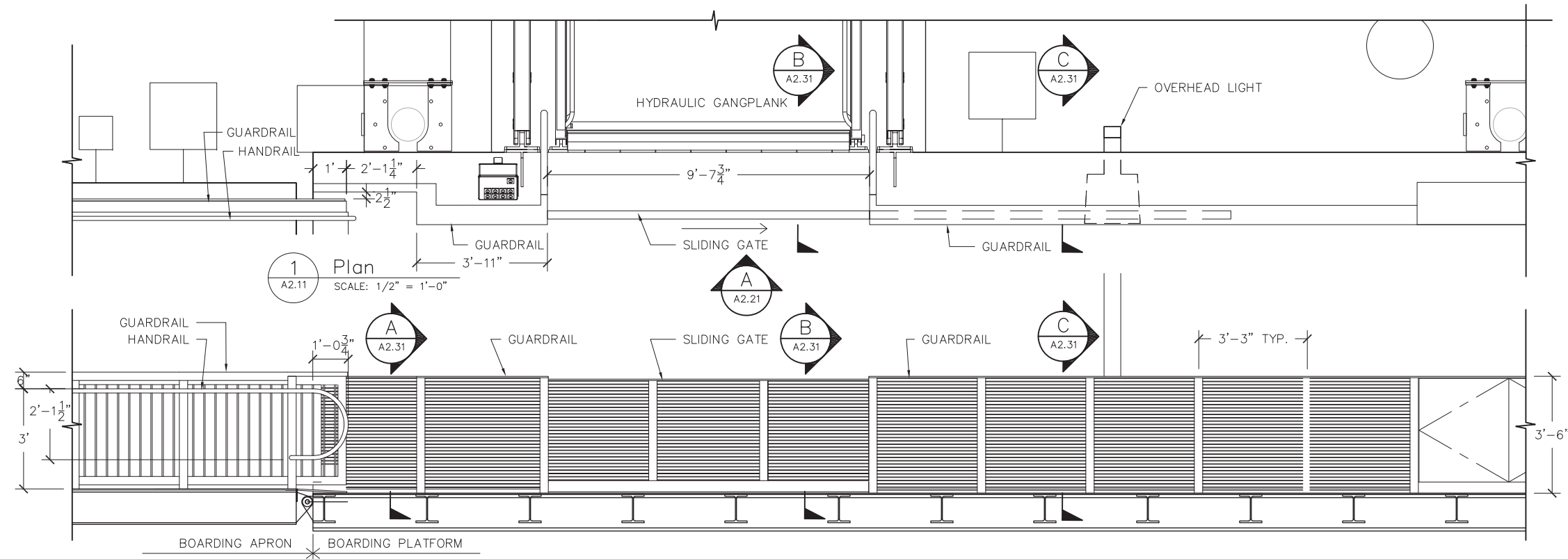
DISTRICT ENGINEER

DATE

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
SITE PLAN





MARCH 24, 2015

GOLDEN GATE BRIDGE
HIGHWAY AND TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION, SAN FRANCISCO CA 94129
APN 065-073-05 AND APN 065-133-22

456 Montgomery St. Suite 300
San Francisco, CA 94104

REGISTERED ARCHITECT

PLANS APPROVAL DATE

moftatt & nichol

2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

| | | |
|-----------------------|-------------|-------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | A2.21 |
| CADD FILE | | |

APPROVED BY

DISTRICT ENGINEER

DATE

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
GUARDRAILS
ENLARGED ELEVATIONS/PLANS

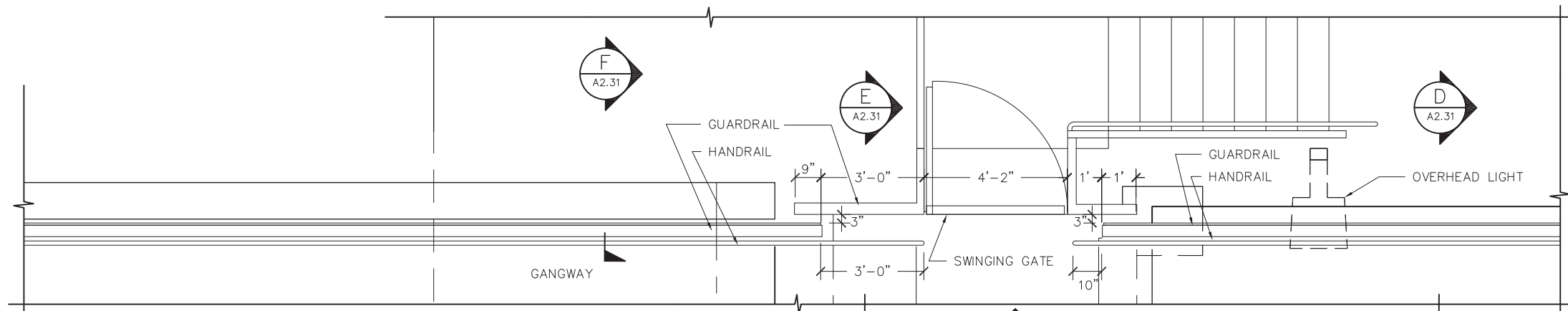


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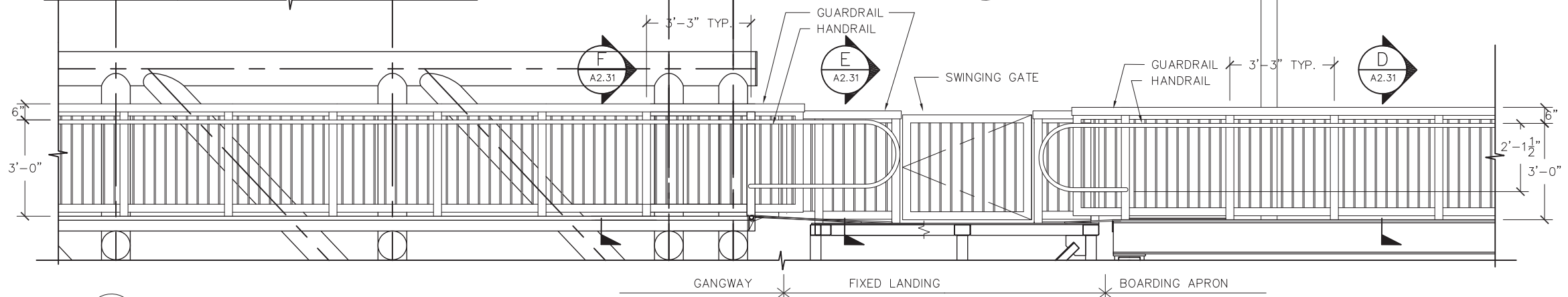
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|------------|----|---------|----------------------------------|
| DESIGN | BY | CHECKED | ROBERT JANSEN PROJECT MANAGER |
| DETAILS | BY | CHECKED | |
| QUANTITIES | BY | CHECKED | |

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

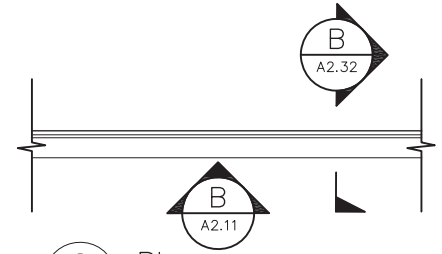
| | | | |
|---|---|---|---|
| 0 | 1 | 2 | 3 |
|---|---|---|---|



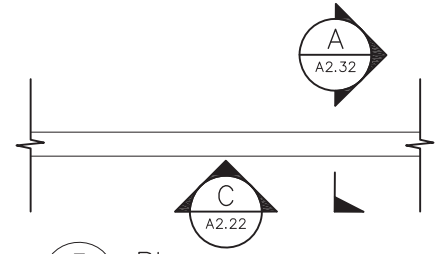
1 Plan
A2.11 SCALE: 1/2" = 1'-0"



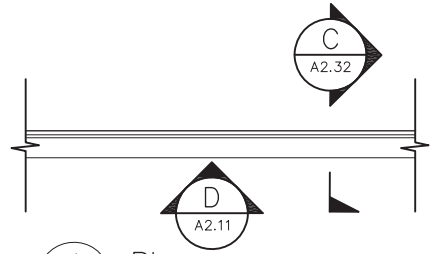
A Elevation
A2.22 SCALE: 1/2" = 1'-0"



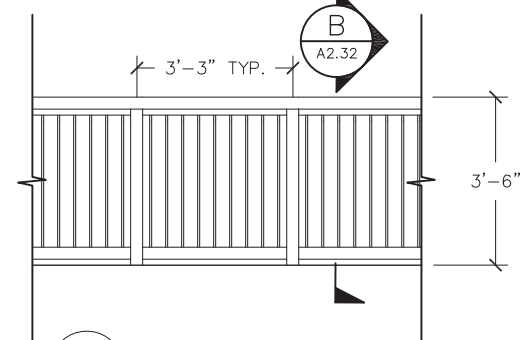
2 Plan
A2.11 SCALE: 1/2" = 1'-0"



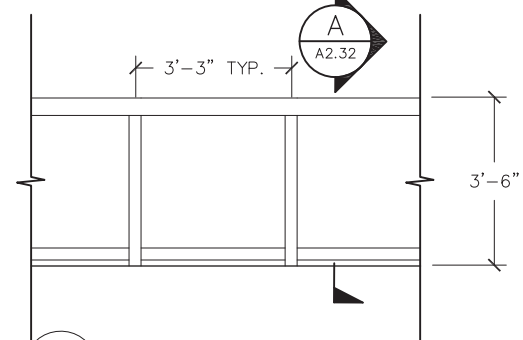
3 Plan
A2.11 SCALE: 1/2" = 1'-0"



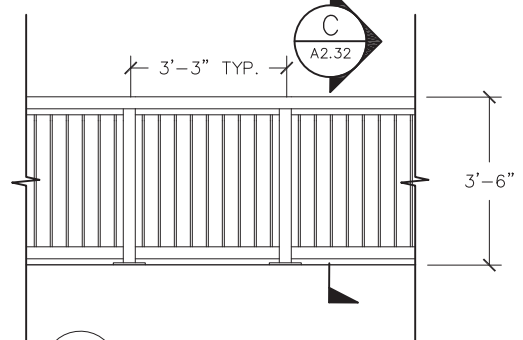
4 Plan
A2.11 SCALE: 1/2" = 1'-0"



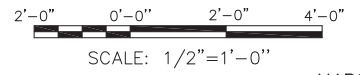
B Elevation
A2.22 SCALE: 1/2" = 1'-0"



C Elevation
A2.22 SCALE: 1/2" = 1'-0"



D Elevation
A2.22 SCALE: 1/2" = 1'-0"



MARCH 24, 2015

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GOLDEN GATE BRIDGE
HIGHWAY AND TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION, SAN FRANCISCO CA 94129
APN 065-073-05 AND APN 065-133-22

| | | | | |
|--|----|---------|----------------------------------|---|
| DESIGN | BY | CHECKED | ROBERT JANSEN PROJECT MANAGER | |
| DETAILS | BY | CHECKED | | |
| QUANTITIES | BY | CHECKED | | |
| ORIGINAL SCALE IN INCHES FOR REDUCED PLANS | 0 | 1 | | 2 |

KH KwanHenmi
456 Montgomery st. Suite 300
San Francisco, CA 94104

REGISTERED ARCHITECT

PLANS APPROVAL DATE

mo moffatt & nichol
2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

| | | |
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| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | A2.22 |
| CADD FILE | DATE | |

APPROVED BY

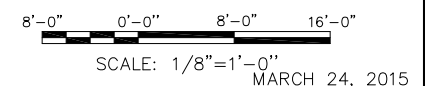
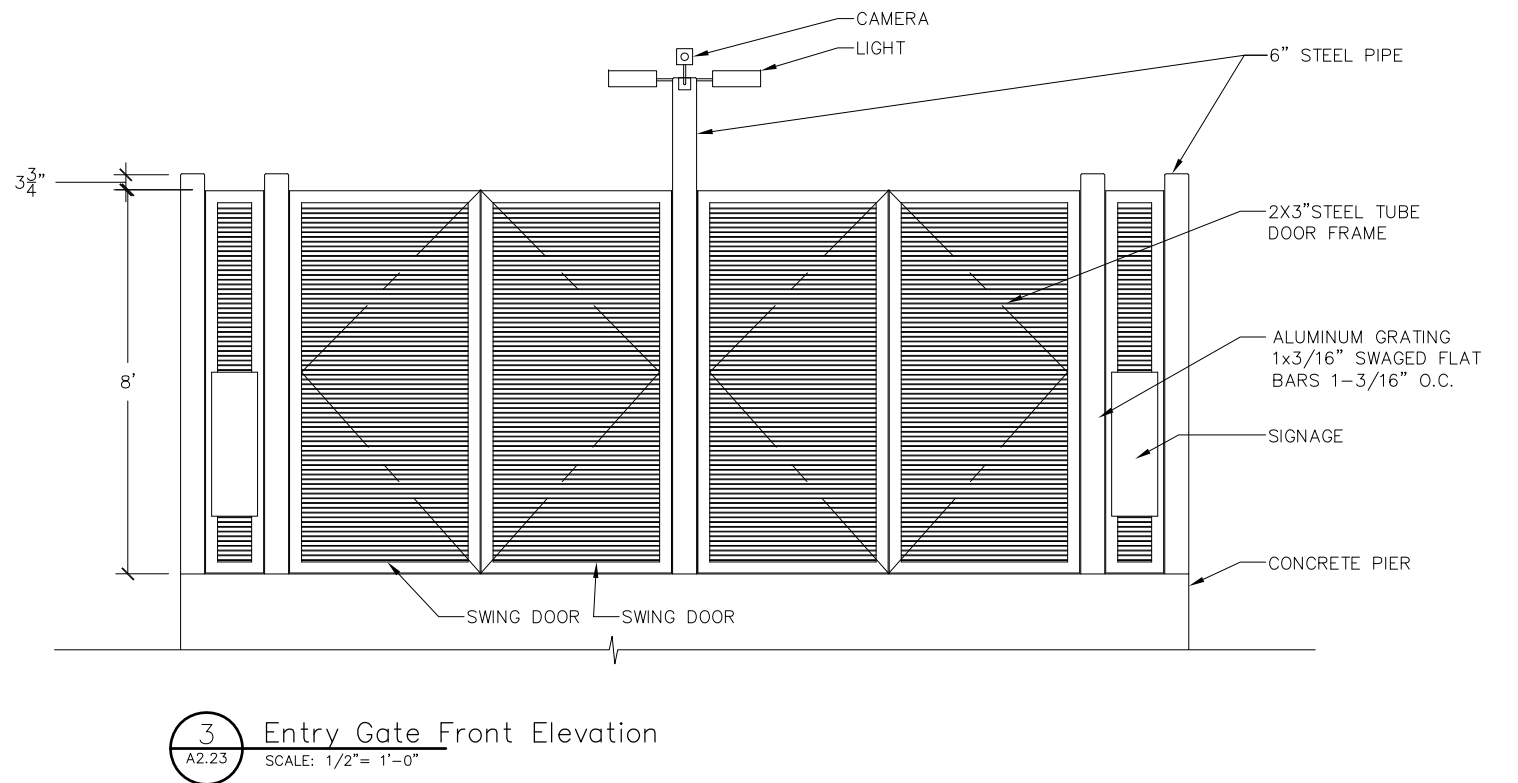
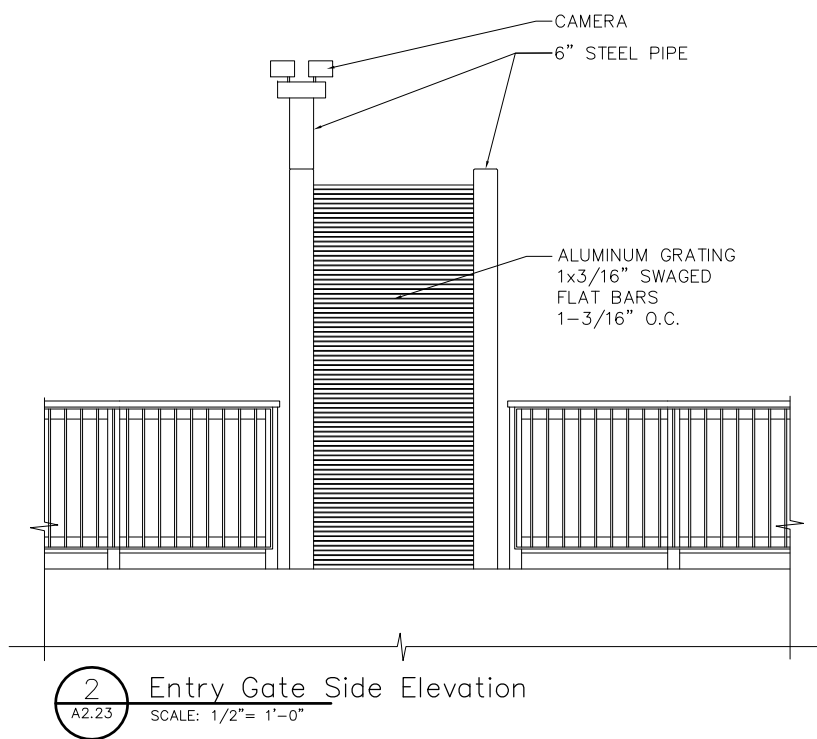
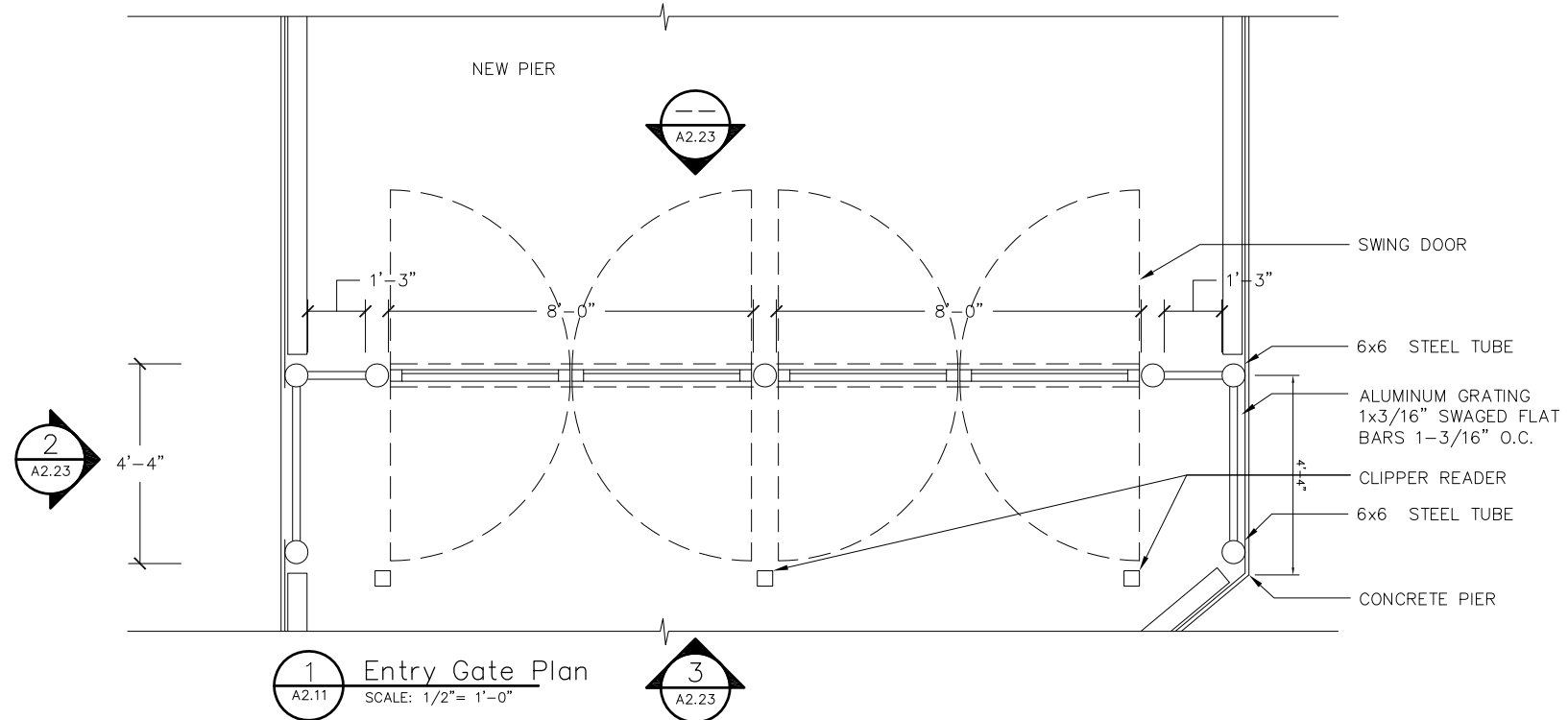
DISTRICT ENGINEER

DATE

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
GUARDRAILS
ENLARGED ELEVATIONS/PLANS





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GOLDEN GATE BRIDGE
HIGHWAY AND TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION, SAN FRANCISCO CA 94129
APN 065-073-05 AND APN 065-133-22

| | | | | |
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| DESIGN | BY | CHECKED | ROBERT JANSEN PROJECT MANAGER | |
| DETAILS | BY | CHECKED | | |
| QUANTITIES | BY | CHECKED | | |
| ORIGINAL SCALE IN INCHES FOR REDUCED PLANS | 0 | 1 | | 2 |

KH
KwanHenmi
456 Montgomery St., Suite 300
San Francisco, CA 94104

REGISTERED ARCHITECT

PLANS APPROVAL DATE

mo
moffatt & nichol
2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

| | | |
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| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | A2.23 |
| CADD FILE | | |

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DISTRICT ENGINEER

DATE

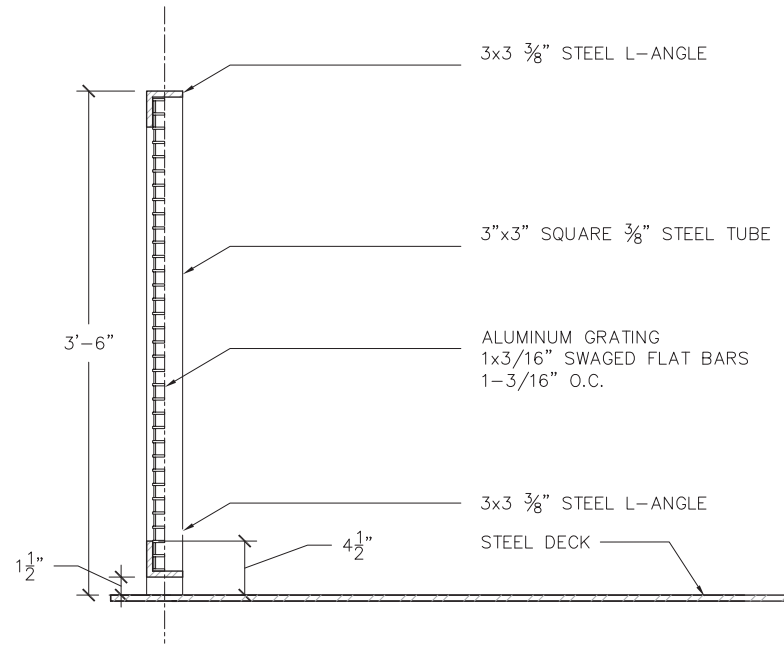
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GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

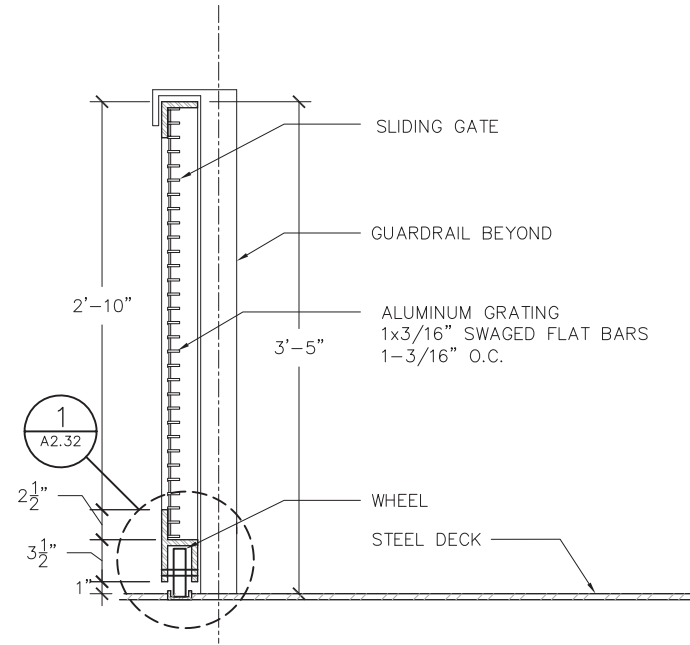
SHEET TITLE

ENTRY GATE
PLAN & ELEVATIONS

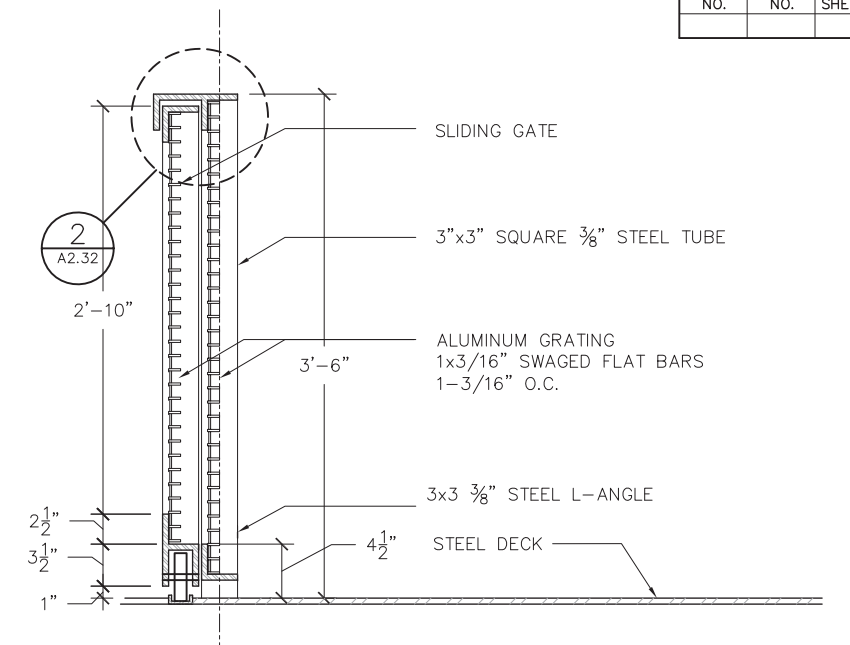




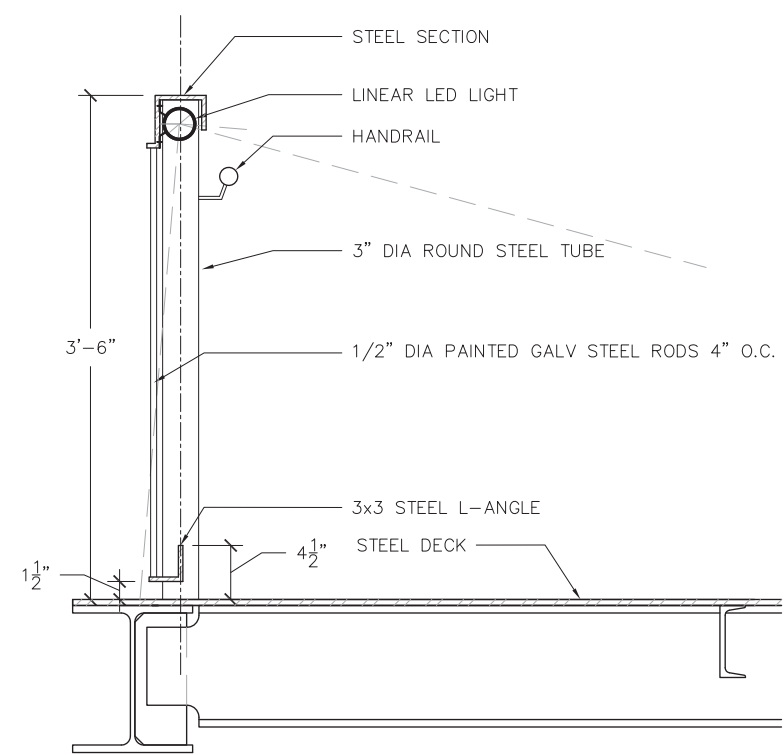
A Boarding Platform Section Detail
A2.21 SCALE: 1-1/2" = 1'-0"



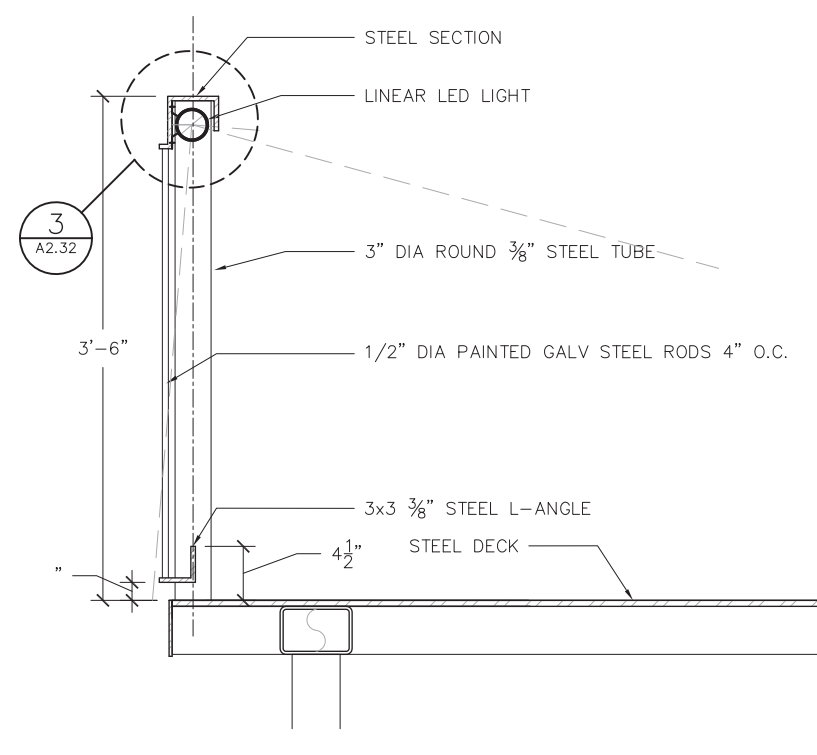
B Boarding Platform Section Detail at Sliding Gate
A2.21 SCALE: 1-1/2" = 1'-0"



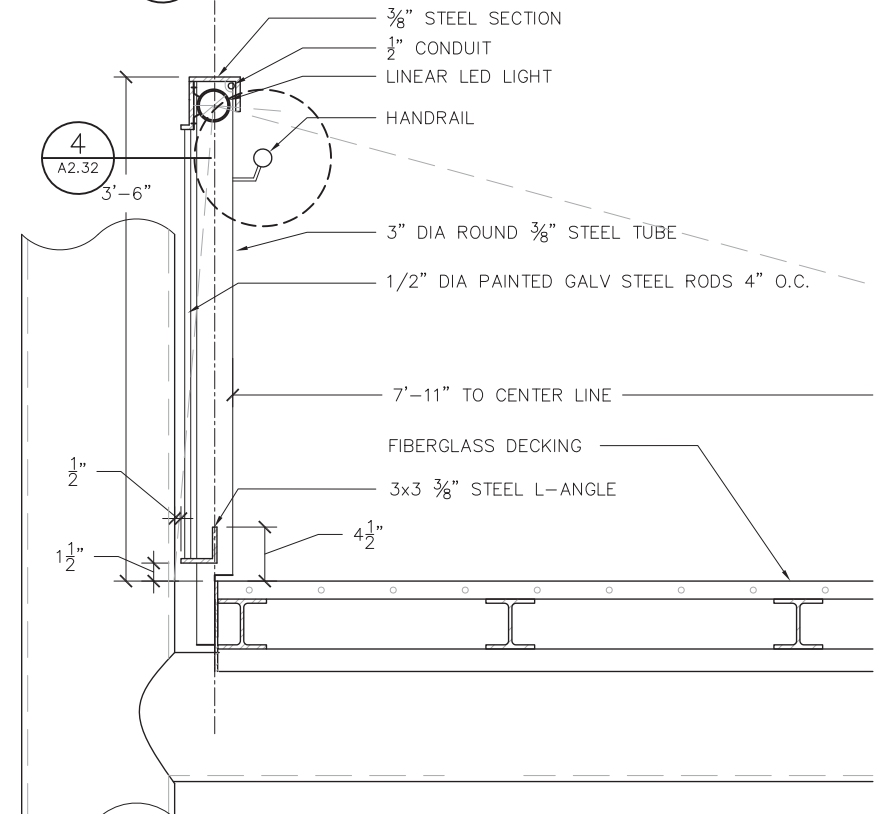
C Composite Boarding Platform Section Detail
A2.21 SCALE: 1-1/2" = 1'-0"



D Boarding Apron Section Detail
A2.22 SCALE: 1-1/2" = 1'-0"



E Fixed Landing Section Detail
A2.22 SCALE: 1-1/2" = 1'-0"



F Gangway Section Detail
A2.22 SCALE: 1-1/2" = 1'-0"

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GOLDEN GATE BRIDGE
HIGHWAY AND TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION, SAN FRANCISCO CA 94129
APN 065-073-05 AND APN 065-133-22

| | | | |
|------------|----|---------|----------------------------------|
| DESIGN | BY | CHECKED | ROBERT JANSEN PROJECT MANAGER |
| DETAILS | BY | CHECKED | |
| QUANTITIES | BY | CHECKED | |

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

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

456 Montgomery st. Suite 300
San Francisco, CA 94104

REGISTERED ARCHITECT

PLANS APPROVAL DATE

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2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

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| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | A2.31 |
| CADD FILE | | |

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DISTRICT ENGINEER

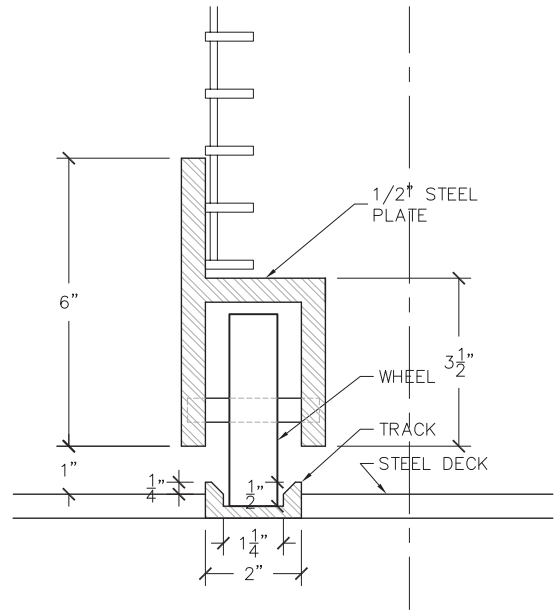
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PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

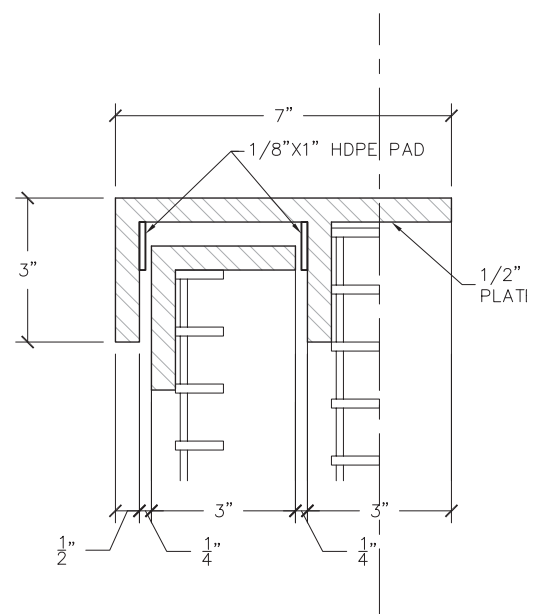
SHEET TITLE
GUARDRAILS SECTIONS



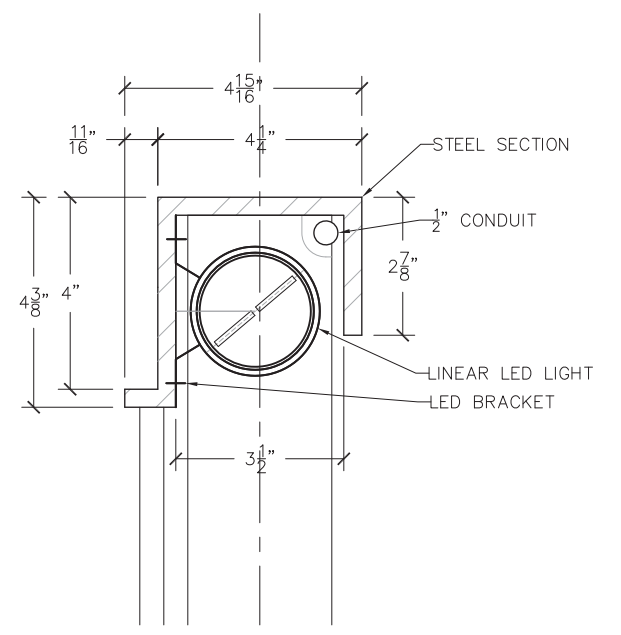
MARCH 24, 2015



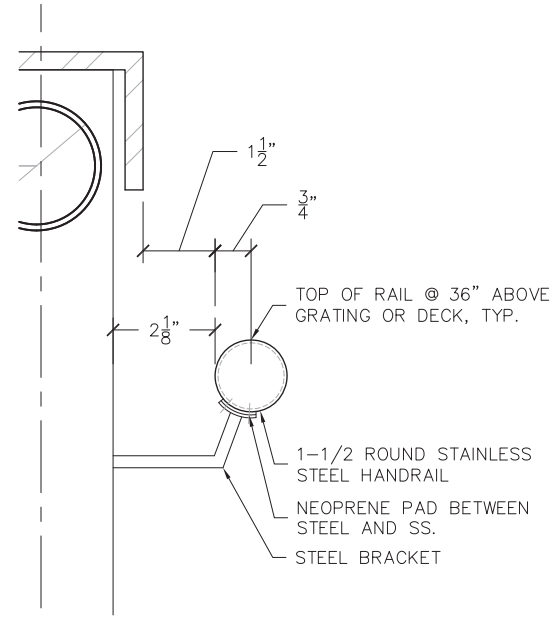
1 Section Detail
A2.31 SCALE: 6" = 1'-0"



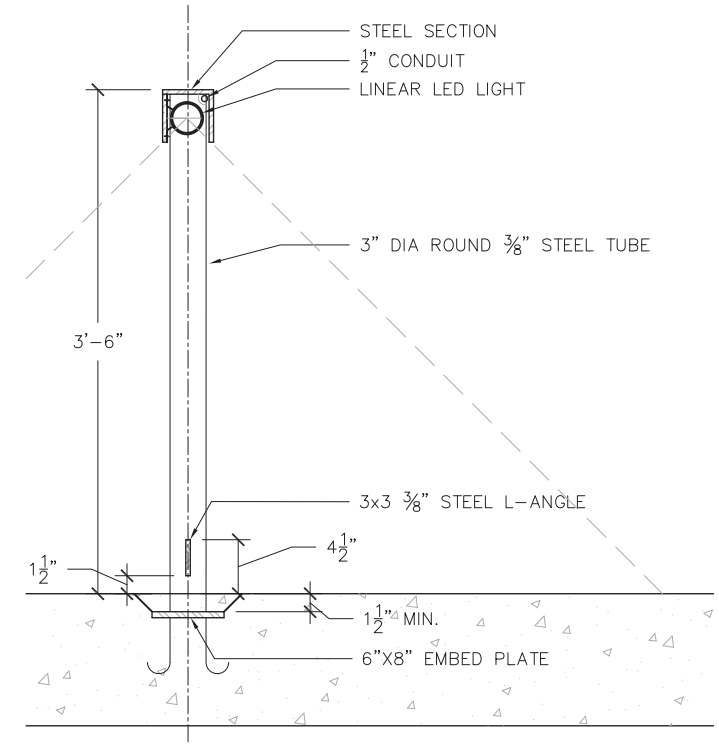
2 Boarding Platform Section Detail at Sliding Gate
A2.31 SCALE: 6" = 1'-0"



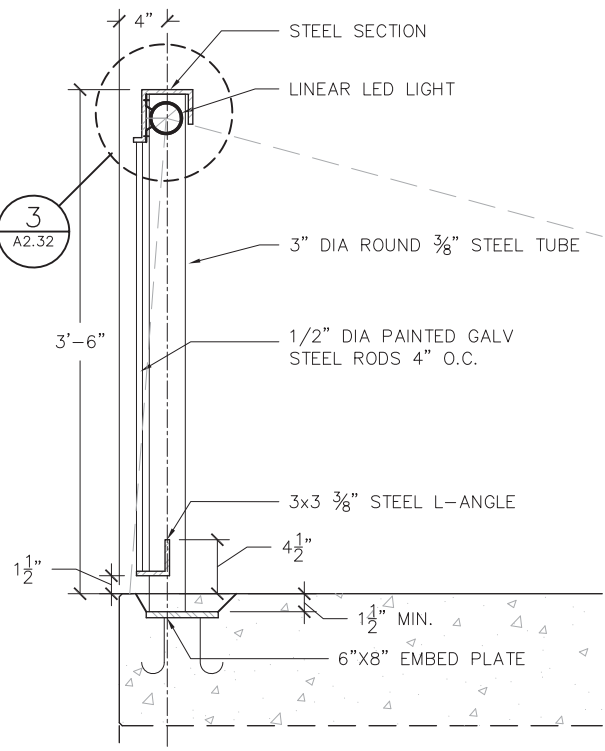
3 LED & Rail Cap
A2.32 SCALE: 6" = 1'-0"



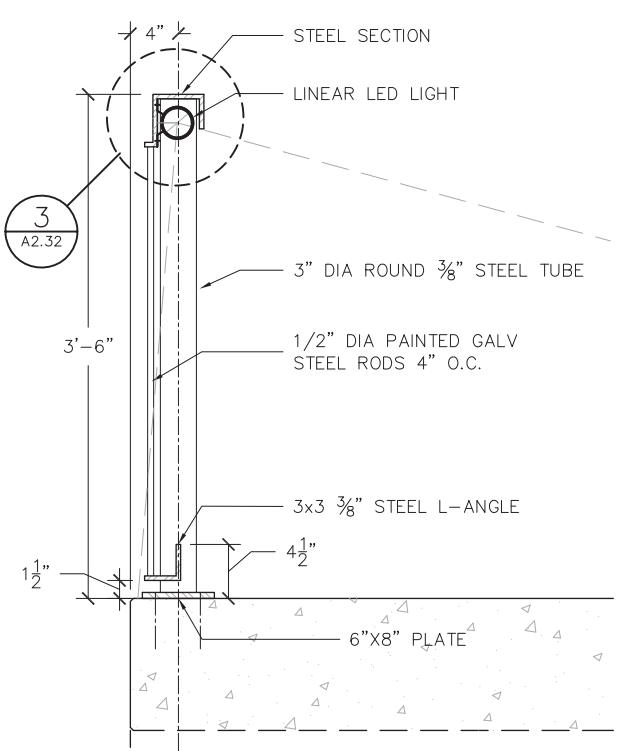
4 Handrail Detail
A2.31 SCALE: 6" = 1'-0"



A Pier Extension Mid Section Detail
A2.22 SCALE: 1-1/2" = 1'-0"



B Pier Extension Edge Section Detail
A2.22 SCALE: 1-1/2" = 1'-0"



C Pier Extension Edge Section Detail
A2.22 SCALE: 1-1/2" = 1'-0"

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GOLDEN GATE BRIDGE
HIGHWAY AND TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION, SAN FRANCISCO CA 94129
APN 065-073-05 AND APN 065-133-22

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| DESIGN | BY | CHECKED | ROBERT JANSEN PROJECT MANAGER | |
| DETAILS | BY | CHECKED | | |
| QUANTITIES | BY | CHECKED | | |
| ORIGINAL SCALE IN INCHES FOR REDUCED PLANS | 0 | 1 | | 2 |

456 Montgomery st. Suite 300
San Francisco, CA 94104

REGISTERED ARCHITECT

PLANS APPROVAL DATE

2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

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| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. A2.32 | |
| CADD FILE | DATE | |

APPROVED BY

DISTRICT ENGINEER

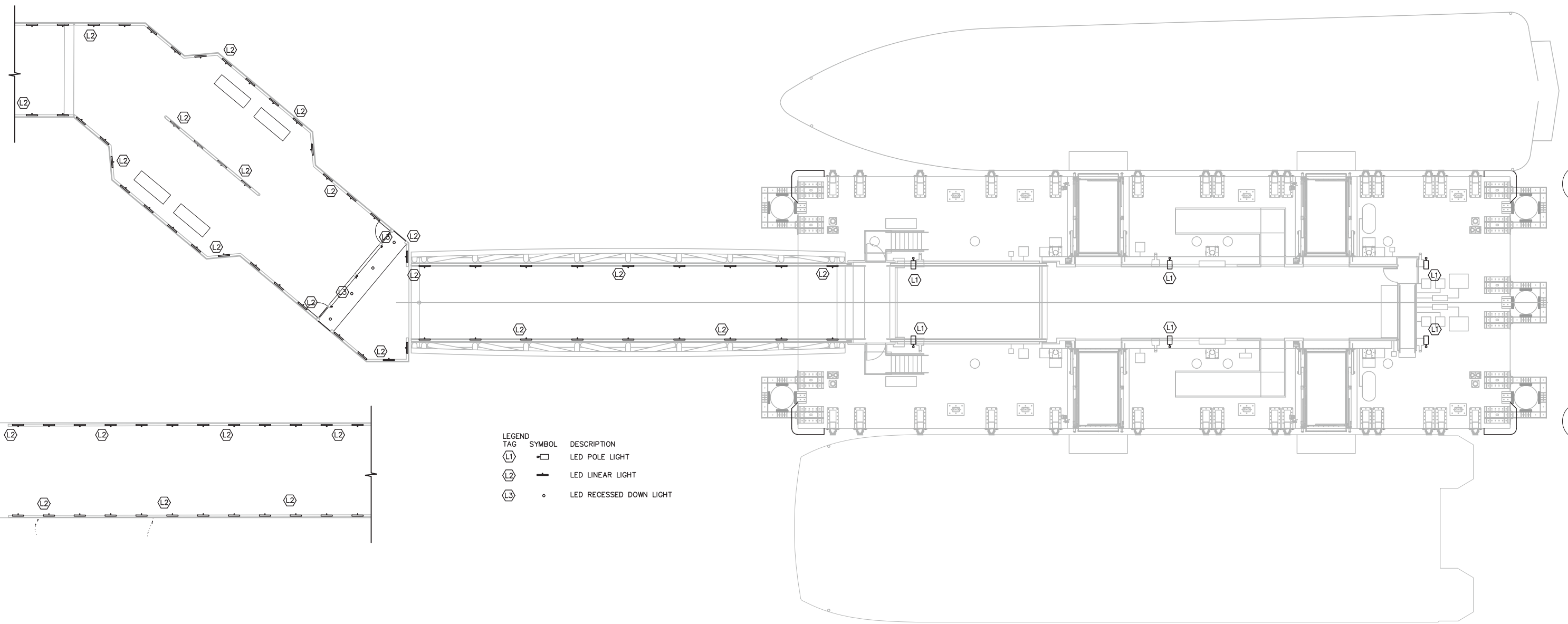
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PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
GUARDRAILS SECTIONS

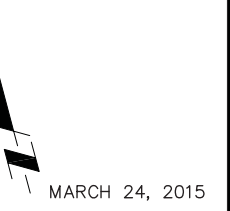
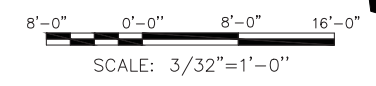


MARCH 24, 2015



LEGEND

| TAG | SYMBOL | DESCRIPTION |
|-----|--------|-------------------------|
| L1 | | LED POLE LIGHT |
| L2 | | LED LINEAR LIGHT |
| L3 | | LED RECESSED DOWN LIGHT |



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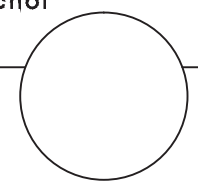
GOLDEN GATE BRIDGE
HIGHWAY AND TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION, SAN FRANCISCO CA 94129
APN 065-073-05 AND APN 065-133-22

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| DESIGN | BY | CHECKED | ROBERT JANSEN PROJECT MANAGER | |
| DETAILS | BY | CHECKED | | |
| QUANTITIES | BY | CHECKED | | |
| ORIGINAL SCALE IN INCHES FOR REDUCED PLANS | | | | |
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3410 Lakeshore Ave
Suite 201
Oakland, CA 94610
510-835-7600

2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER
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| CONTRACT NO. 2011-B-2 | DRAWING NO. | LT.01 |
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DISTRICT ENGINEER
DATE

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

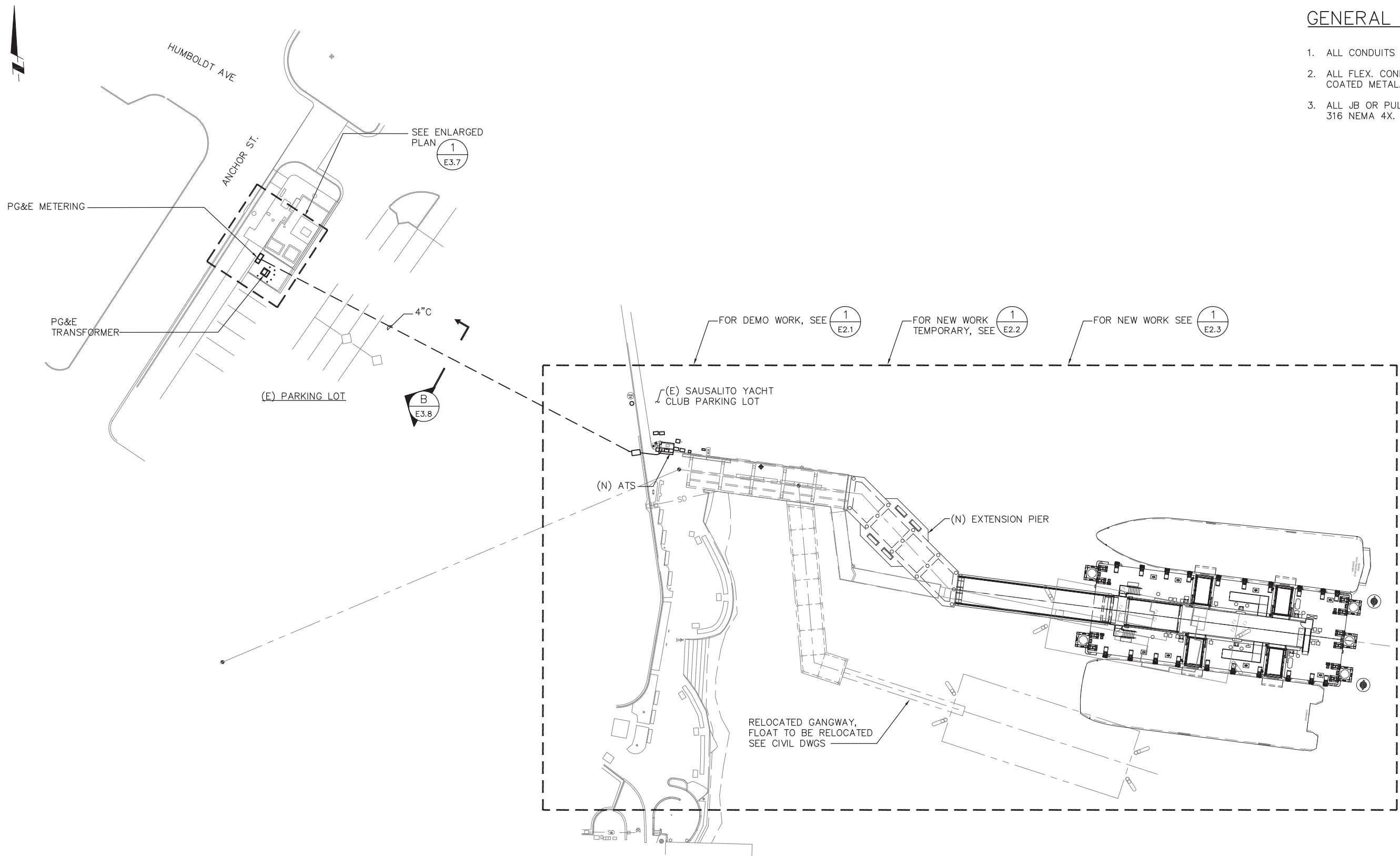
SHEET TITLE
LIGHTING DESIGN LAYOUT



| REV. NO. | SHEET NO. | TOTAL SHEETS |
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GENERAL NOTES

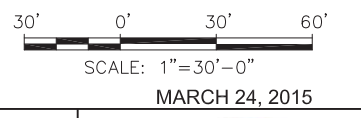
1. ALL CONDUITS SHALL BE PVC COATED RGS.
2. ALL FLEX. CONDUITS SHALL BE LIQUID TIGHT PVC COATED METAL.
3. ALL JB OR PULL BOXES ARE STAINLESS STEEL 316 NEMA 4X.



GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

1 SITE PLAN
E2.0 SCALE: 1"=30'-0"



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|------------|----------|-------------------|------------------------------|
| DESIGN | BY S. HO | CHECKED B.YEE | BO JENSEN PROJECT MANAGER |
| DETAILS | BY S. HO | CHECKED G. CHEUNG | |
| QUANTITIES | BY | CHECKED | |

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

| | | | |
|---|---|---|---|
| 0 | 1 | 2 | 3 |
|---|---|---|---|

YEI ENGINEERS, INC.
7700 Edgewater Drive, Suite 128, Oakland, CA 94621
Phone: (510) 383-1050 Fax: (510) 383-1057
www.yeiengineers.com

REGISTERED ELECTRICAL ENGINEER

PLANS APPROVAL DATE

moftatt & nichol
2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

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|---------------------------|-------------|------|
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| CONTRACT NO. 2011-B-2 | DRAWING NO. | E2.0 |
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DISTRICT ENGINEER

07/11/14
DATE

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
ELECTRICAL SITE PLAN



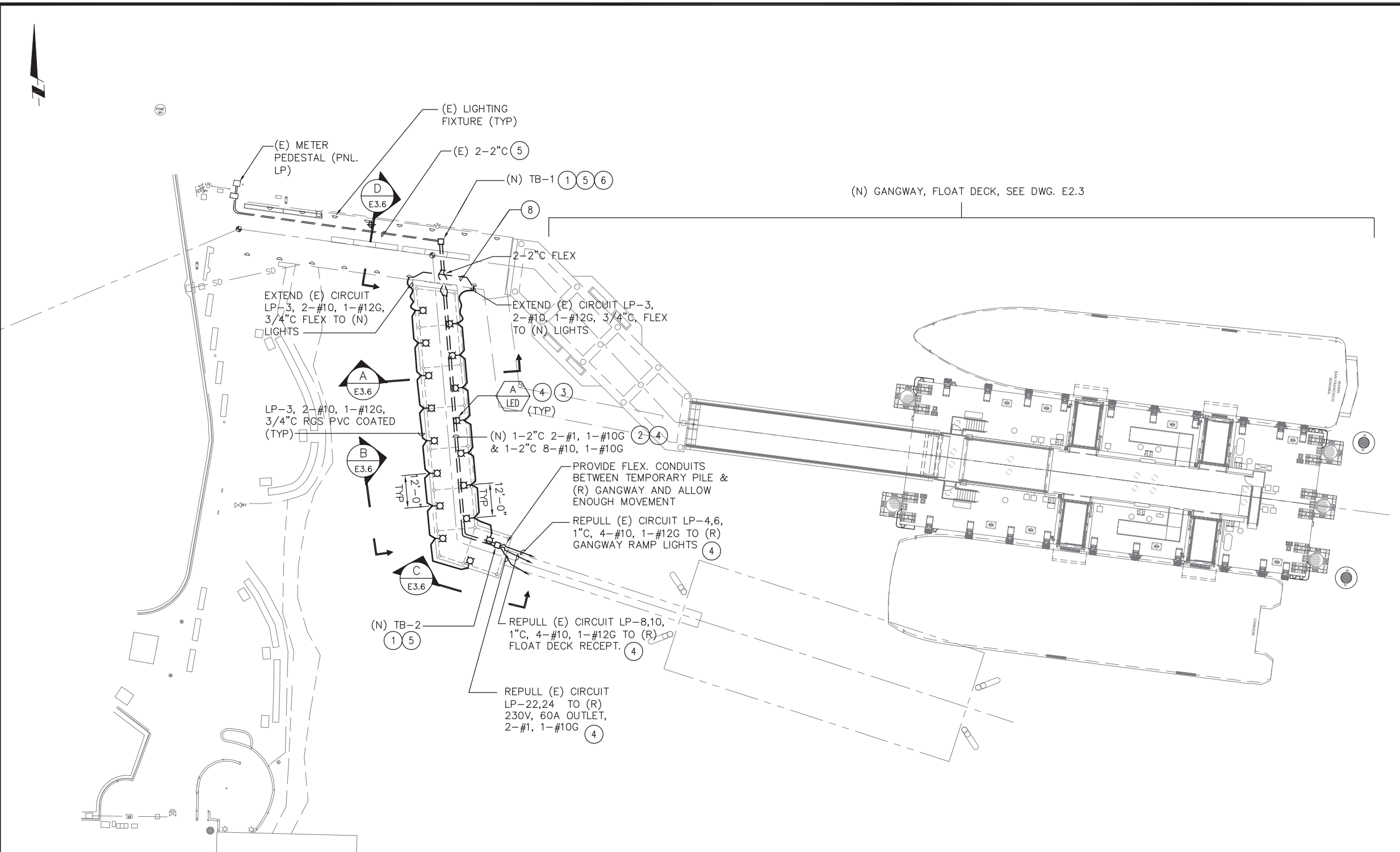
| REV. NO. | SHEET NO. | TOTAL SHEETS |
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GENERAL NOTES

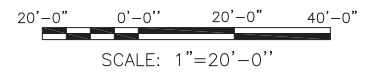
1. ALL CONDUITS SHALL BE PVC COATED RGS.
2. ALL FLEX. CONDUITS SHALL BE LIQUID TIGHT PVC COATED METAL.
3. ALL JB OR PULL BOXES ARE STAINLESS STEEL 316 NEMA 4X.

SHEET NOTES

- 1 PROVIDE (N) 316 SS, NEMA 4X 16"x16"x8" MINIMUM, HINGE TERMINAL BOX AND INTERCEPT CIRCUITS AND RACEWAYS SHOWN ON DWG E1.1 AND E2.1.
- 2 PROVIDE (N) 2-2"C.
- 3 TEMPORARY FIXTURES.
- 4 REMOVE FIXTURES, CONDUITS & WIRES AFTER (N) FLOAT INSTALLATION.
- 5 (E) CONDUITS & JB ABANDONED IN PLACE AFTER (N) FLOAT INSTALLATION.
- 6 SPICE (E) CABLES AND EXTEND TO (N) TEMPORARY WALKWAY.
- 7 EXTEND (E) CIRCUIT TO TEMPORARY FIXTURES.
- 8 RECONNECT (E) CIRCUIT TO (E) FIXTURE. PROVIDE CABLE AND CONDUIT MATCHING (E)



1 GANGWAY FRAMING PLAN – TEMPORARY POWER
E-4 SCALE: 1"=20'-0"



GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

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| DESIGN | BY S. HO | CHECKED B. YEE | BO JENSEN PROJECT MANAGER |
| DETAILS | BY S. HO | CHECKED G. CHEUNG | |
| QUANTITIES | BY | CHECKED | |

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

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7700 Edgewater Drive, Suite 128, Oakland, CA 94621
Phone: (510) 383-1050 Fax: (510) 383-1057
www.yeiengineers.com

REGISTERED ELECTRICAL ENGINEER

PLANS APPROVAL DATE

MOFFATT & NICHOL
2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

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| CONTRACT NO. 2011-B-2 | DRAWING NO. | E2.2 |
| CADD FILE 703800_E2.2.dwg | | |

APPROVED BY

DISTRICT ENGINEER

07/11/14
DATE

PROJECT TITLE
GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE
**ELECTRICAL
NEW WORK – TEMPORARY**

MARCH 24, 2015



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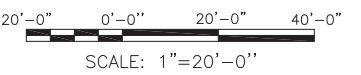
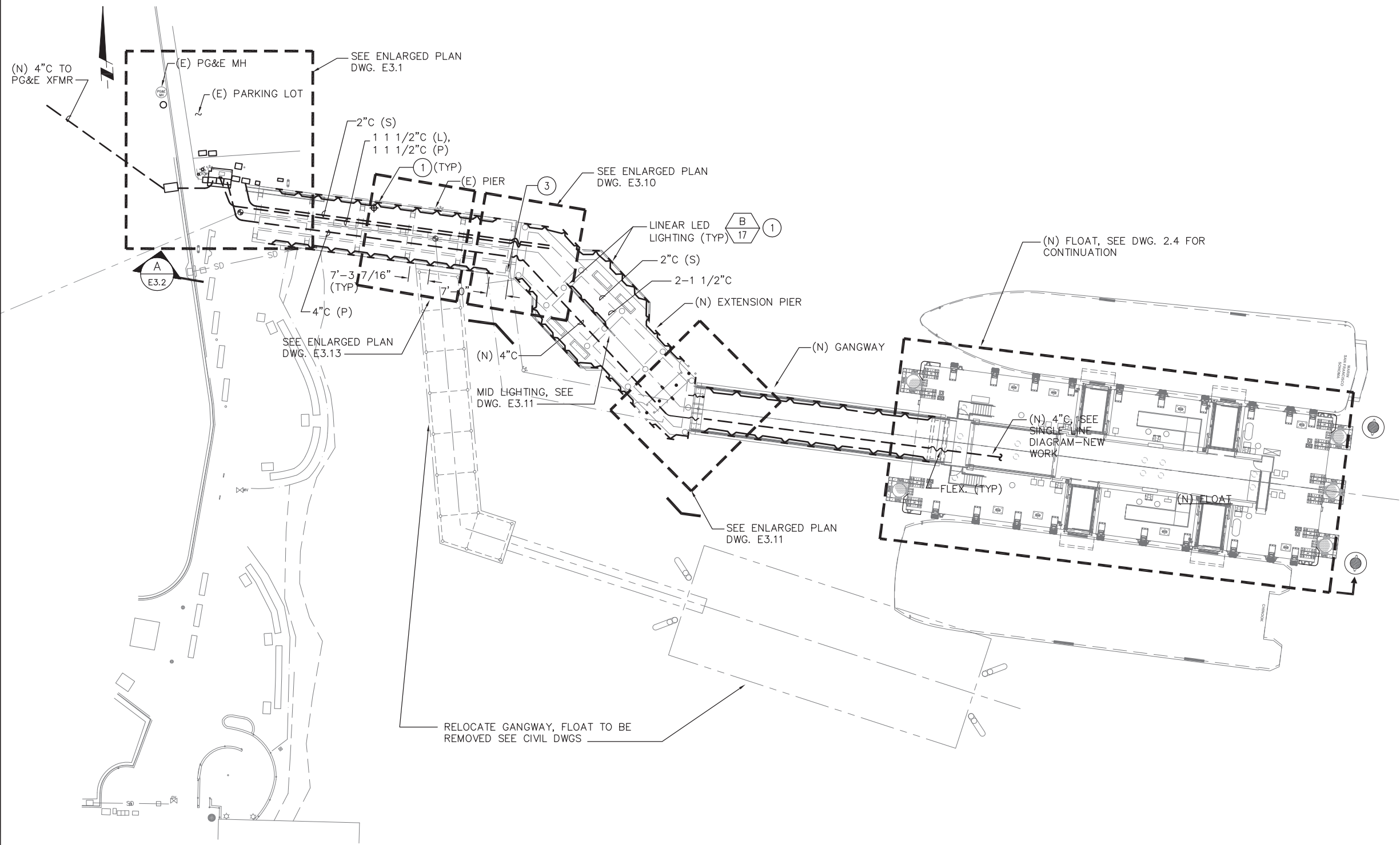
| REV. NO. | SHEET NO. | TOTAL SHEETS |
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GENERAL NOTES

1. ALL CONDUITS SHALL BE PVC COATED RGS.
2. ALL FLEX. CONDUITS SHALL BE LIQUID TIGHT PVC COATED METAL.
3. ALL JB OR PULL BOXES ARE STAINLESS STEEL 316 NEMA 4X.

SHEET NOTES

- ① PROVIDE (N) LED LINEAR LIGHT, SEE DWG. LT01 FOR LIGHTING LAYOUT.



1 GANGWAY FRAMING PLAN - NEW POWER
E2.3 SCALE: 1"=20'-0"

GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

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| DESIGN | BY S. HO | CHECKED B. YEE | BO JENSEN PROJECT MANAGER |
| DETAILS | BY S. HO | CHECKED G. CHEUNG | |
| QUANTITIES | BY | CHECKED | |

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

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|---|---|---|---|
| 0 | 1 | 2 | 3 |
|---|---|---|---|

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REGISTERED ELECTRICAL ENGINEER

PLANS APPROVAL DATE

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2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

| | | |
|---------------------------|-------------|----------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | E2.3 |
| CADD FILE 703800_E2.3.dwg | DATE | 07/11/14 |

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DISTRICT ENGINEER

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PROJECT TITLE

GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE

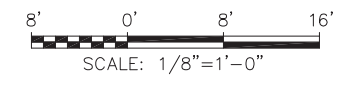
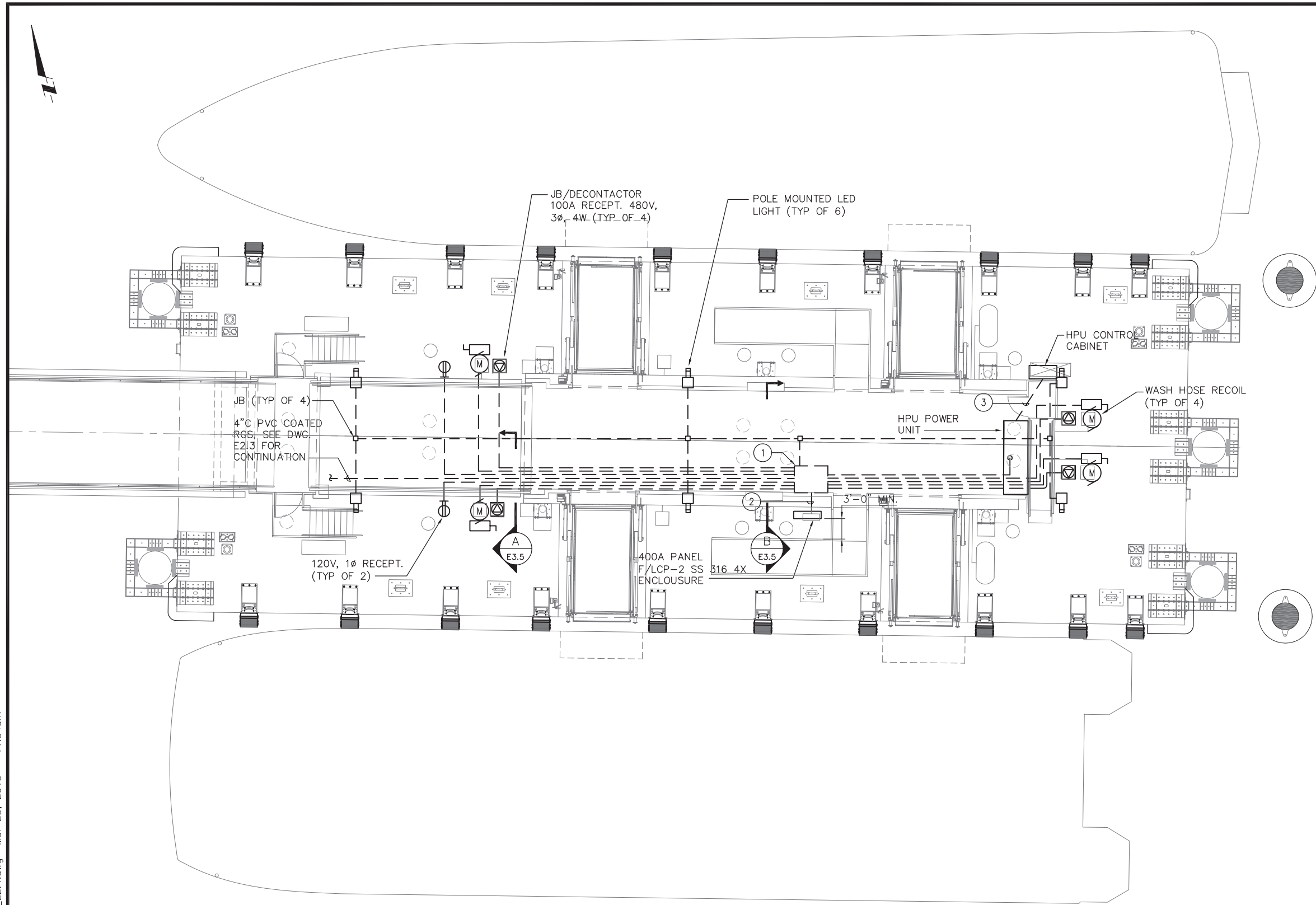
ELECTRICAL NEW WORK



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NOTES

- ① PROVIDE PULL BOX STAINLESS STEEL TYPE 316, 30"X24"X8"H NEMA 4X. INCLOSURE.
- ② 2-4"C, PVC COATED RGS.
- ③ CONDUIT & WIRES BY OTHERS.



GOLDEN GATE BRIDGE
HIGHWAY & TRANSPORTATION DISTRICT
BOX 9000, PRESIDIO STATION
SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

1 ELECTRICAL FLOAT DECK PLAN

E2.4 SCALE: 1/8"=1'-0"

MARCH 24, 2015

| | | | |
|------------|----------|-------------------|------------------------------|
| DESIGN | BY S. HO | CHECKED B. YEE | BO JENSEN PROJECT MANAGER |
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| QUANTITIES | BY | CHECKED | |

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

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

YEI ENGINEERS, INC.
7700 Edgewater Drive, Suite 128, Oakland, CA 94621
Phone: (510) 383-1050 Fax: (510) 383-1057
www.yeiengineers.com

REGISTERED ELECTRICAL ENGINEER

PLANS APPROVAL DATE

moftatt & nichol
2185 N. California Blvd., Suite 500
Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

| | | |
|---------------------------|-------------|----------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | E2.4 |
| CADD FILE 703800_E2.4.dwg | DATE | 07/11/14 |

APPROVED BY

DISTRICT ENGINEER

DATE

PROJECT TITLE

GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE

ELECTRICAL FLOAT DECK PLAN

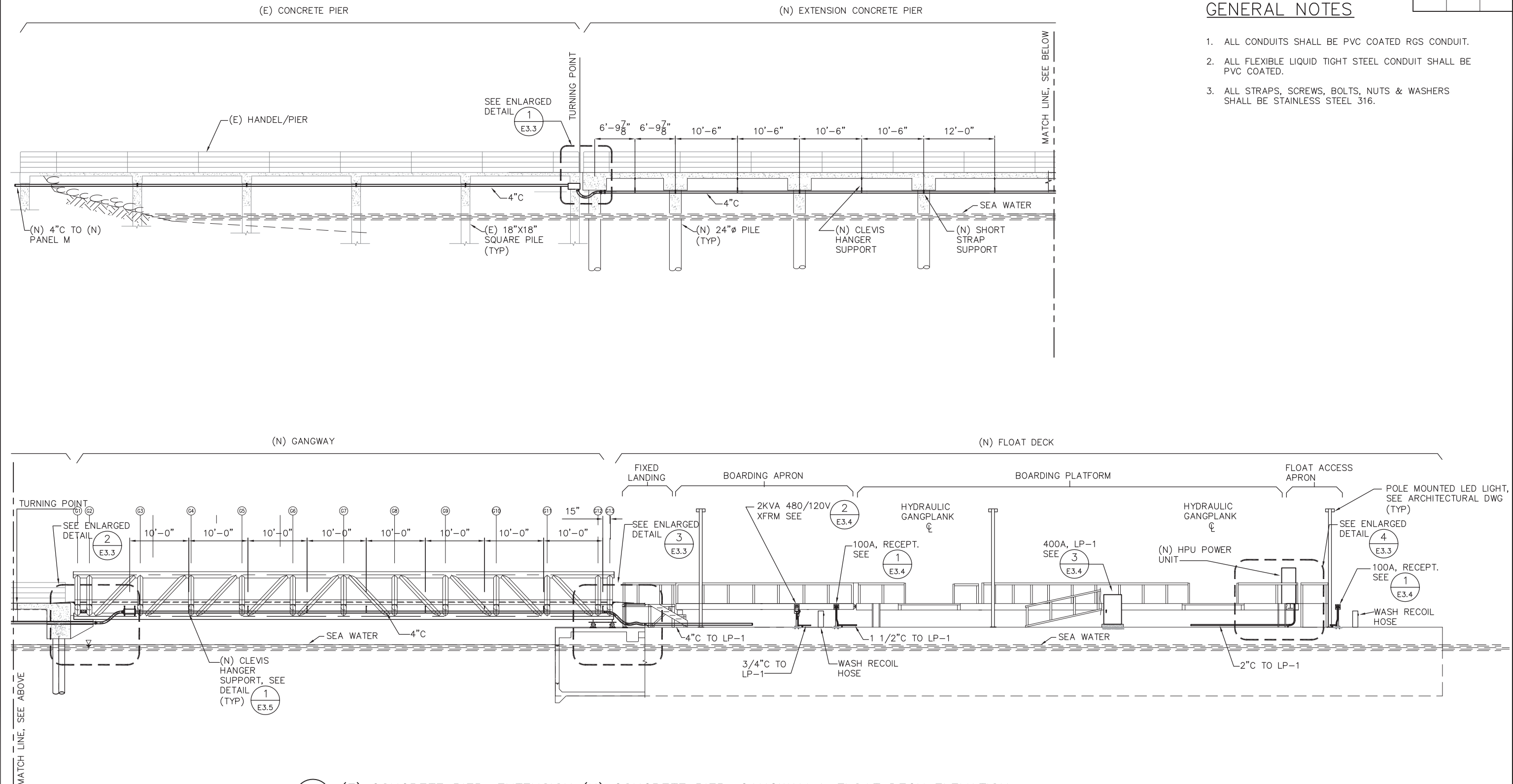


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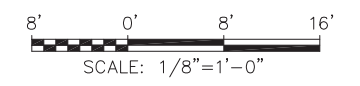
| | | |
|----------|-----------|--------------|
| REV. NO. | SHEET NO. | TOTAL SHEETS |
| | | |

GENERAL NOTES

1. ALL CONDUITS SHALL BE PVC COATED RGS CONDUIT.
2. ALL FLEXIBLE LIQUID TIGHT STEEL CONDUIT SHALL BE PVC COATED.
3. ALL STRAPS, SCREWS, BOLTS, NUTS & WASHERS SHALL BE STAINLESS STEEL 316.



1 (E) CONCRETE PIER, EXTENSION (N) CONCRETE PIER, GANGWAY & FLOAT DECK ELEVATION
 SCALE: 1/8"=1'-0"



GOLDEN GATE BRIDGE
 HIGHWAY & TRANSPORTATION DISTRICT
 BOX 9000, PRESIDIO STATION
 SAN FRANCISCO, CA 94129

APN 065-073-05 AND APN 065-133-22

| | | | | |
|--|----------|-------------------|------------------------------|---|
| DESIGN | BY S. HO | CHECKED B. YEE | BO JENSEN PROJECT MANAGER | |
| DETAILS | BY S. HO | CHECKED G. CHEUNG | | |
| QUANTITIES | BY | CHECKED | | |
| ORIGINAL SCALE IN INCHES FOR REDUCED PLANS | | | | |
| | 0 | 1 | 2 | 3 |

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REGISTERED ELECTRICAL ENGINEER

PLANS APPROVAL DATE

MOFFATT & NICHOL
 2185 N. California Blvd., Suite 500
 Walnut Creek, CA 94596

REGISTERED CIVIL ENGINEER

PLANS APPROVAL DATE

| | | |
|---------------------------|-------------|----------|
| NO. REVISIONS | BY | DATE |
| CONTRACT NO. 2011-B-2 | DRAWING NO. | E3.2 |
| CADD FILE 703800_E3.2.dwg | DATE | 07/11/14 |

APPROVED BY

DISTRICT ENGINEER

DATE

PROJECT TITLE

GOLDEN GATE SAUSALITO FERRY TERMINAL IMPROVEMENTS

SHEET TITLE

ELECTRICAL PIER ELEVATION



MARCH 24, 2015

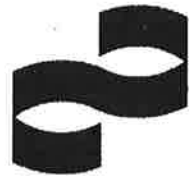
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EXISTING PLANS AND ELEVATIONS

**GOLDEN GATE BRIDGE HIGHWAY & TRANSPORTATION DISTRICT
SAUSALITO FERRY LANDING IMPROVEMENTS 8-25-95**

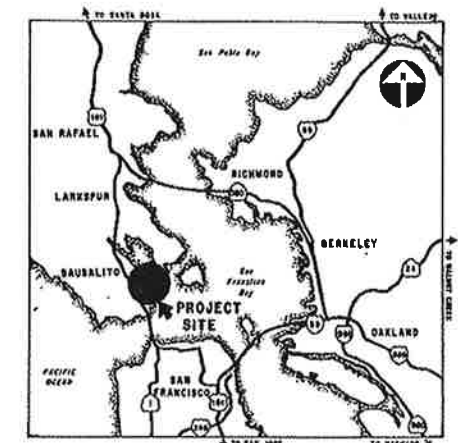
**CITY OF SAUSALITO
FERRY LANDING IMPROVEMENTS 12-23-97**



Golden Gate Bridge, Highway and Transportation District

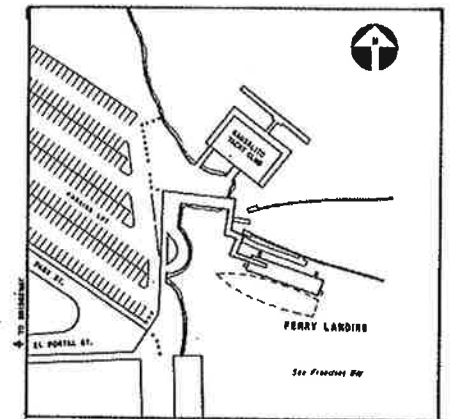
SAUSALITO FERRY LANDING IMPROVEMENTS

Contract no. 95-FT-2



VICINITY MAP

NO SCALE



LOCATION PLAN

NO SCALE

DRAWING INDEX

- | | |
|--|--|
| 1 TITLE SHEET | 7 FENDER SYSTEM DETAILS |
| 2 DEMOLITION & CONSTRUCTION PHASING PLAN | 8 MISCELLANEOUS DETAILS |
| 3 PIER PLAN & DETAILS | 9 UTILITY PLAN & DETAILS |
| 4 STEEL FLOATING DOCK PLAN, ELEVATION, & DETAILS | 10 RAILING & LIGHTING PLAN & DETAILS |
| 5 FLOAT RAMP AND PLATFORM & PORTABLE GANGWAY DETAILS | 11 FENDER LOCATIONS, GUIDE PILES, MOORING YOKES & DRIVING DATA |
| 6 ALUMINUM GANGWAY DETAILS | 12 CATHODIC PROTECTION SYSTEM PLAN & DETAILS |

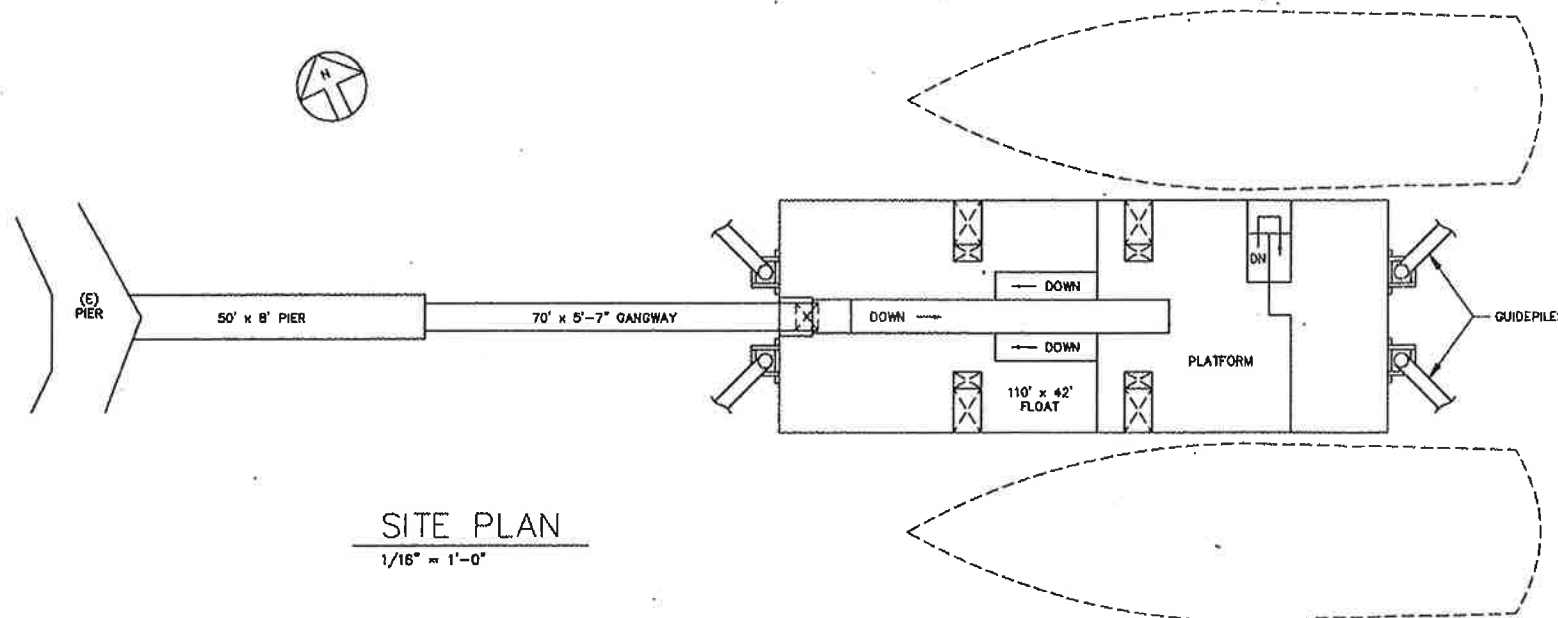
ABBREVIATIONS

| | | |
|----------------------|-----------------------------|----------------------------------|
| ALT ALTERNATIVE | FLGD FLANGED | QTY QUANTITY |
| AMP AMPERE | FO FUEL OIL | R, RAD RADIUS |
| APPROX APPROXIMATELY | FT FEET | REQD REQUIRED |
| BEL BELOW | GA GAUGE | SAN SANITARY |
| BHD BULKHEAD | GALV GALVANIZED | SCH SCHEDULE |
| BKT BRACKET | HORIZ HORIZONTAL | SCRD SCREWED |
| CLR CLEAR | HS HIGH STRENGTH | SECT SECTION |
| CONC CONCRETE | ID INSIDE DIAMETER | SHT SHEET |
| CONN CONNECTION | LBS POUNDS | SIM SIMILAR |
| CONT CONTINUOUS | LLH LONG LEG HORIZONTAL | SPEC SPECIFICATION |
| CRES CREST | LLV LONG LEG VERTICAL | SS STAINLESS STEEL |
| CTRS CENTERS | MACH MACHINE | STD STANDARD |
| CTRWTG COUNTERWEIGHT | MHHW MEAN HIGHER HIGH WATER | STL STEEL |
| CW CLEAN WATER | MLLW MEAN LOWER LOW WATER | SYM SYMMETRICAL |
| DET DETAIL | MTL METAL | TYP TYPICAL |
| Ø DIAMETER | MTG MOUNTING | THK THICK |
| EX EXISTING | NIC NOT IN CONTRACT | UHMW ULTRA HIGH MOLECULAR WEIGHT |
| EA EACH | NTS NOT TO SCALE | UON UNLESS OTHERWISE NOTED |
| EL, ELEV ELEVATION | OC ON CENTER | W/ WITH |
| ELEC ELECTRICAL | OD OUTSIDE DIAMETER | WP WORKING POINT |
| ELL ELBOW | OPP OPPOSITE | WT WEIGHT |
| EXP EXPANSION | PC PIECE | XS EXTRA STRONG |
| EQ EQUAL | PL PLATE | XXS DOUBLE EXTRA STRONG |
| FB FLAT BAR | PSF POUNDS PER SQUARE FOOT | YRS YEARS |
| FLG FLANGE | PVC POLYVINYL CHLORIDE | |

DETAIL/SECTION DESIGNATION

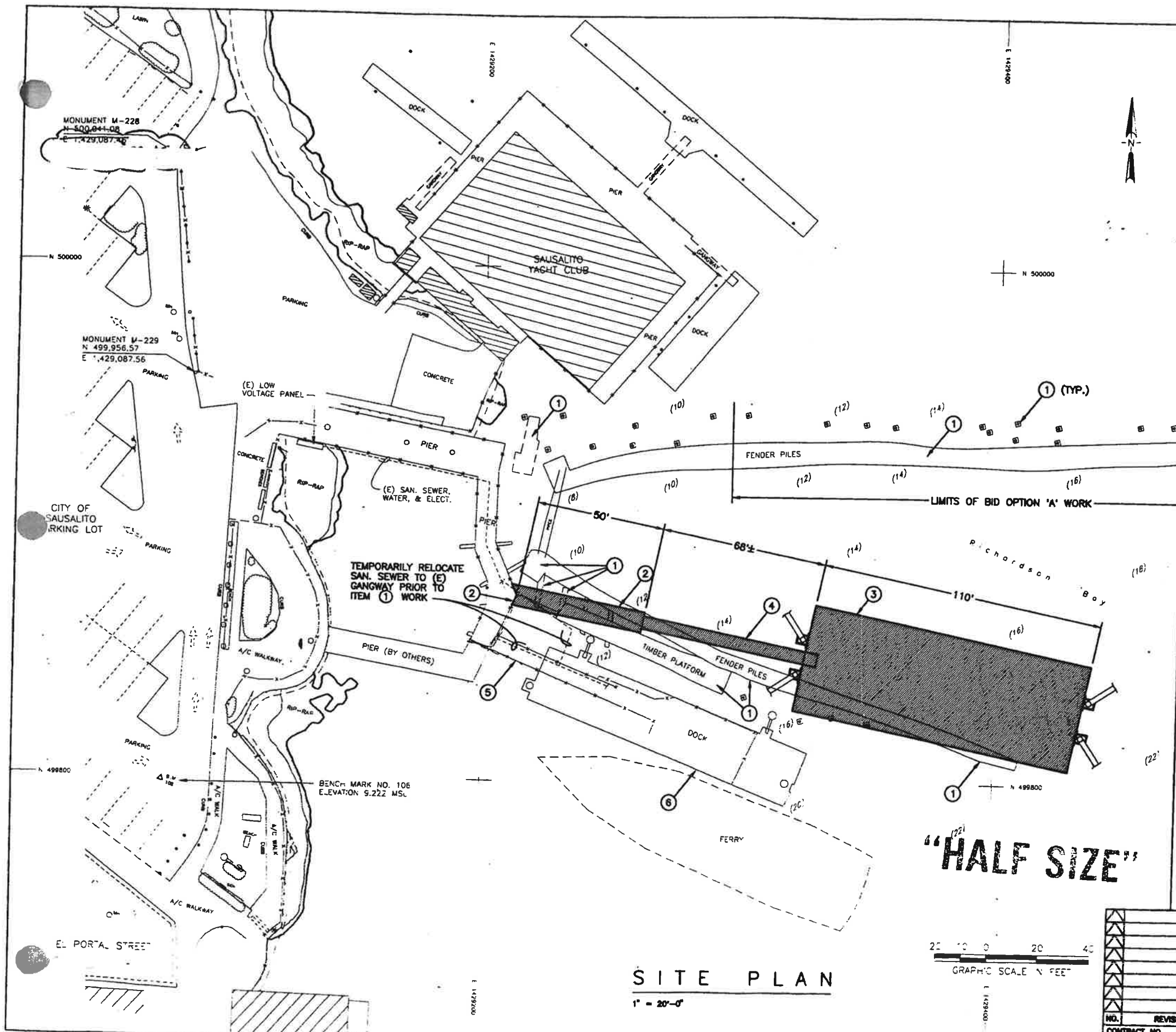
- LETTER INDICATES SECTION, ELEVATION, OR PLAN
- INDICATES SHEET NUMBER WHERE SECTION, ELEVATION, OR PLAN IS SHOWN
- INDICATES SHEET NUMBER WHERE SECTION, ELEVATION, OR PLAN IS REFERENCED
- NUMBER INDICATES DETAIL
- INDICATES SHEET NUMBER WHERE DETAIL IS SHOWN
- INDICATES SHEET NUMBER WHERE DETAIL IS REFERENCED

"HALF SIZE"



SITE PLAN
1/16" = 1'-0"

| | | | |
|----------------------|-----------|---|------|
| APPROVED BY | | GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT | |
| | | SAUSALITO FERRY LANDING IMPROVEMENTS | |
| | | TITLE SHEET | |
| NO. | REVISIONS | BY | DATE |
| CONTRACT NO. 95-FT-2 | | SHEET 8-25-95 | |
| CAD FILE SPL1 | | DATE 1 OF 12 | |
| DISTRICT ENGINEER | | DESIGNED BY R.D. CHECKED BY JK/RM DRAWN BY G.M. | |
| SCALE AS SHOWN | | DATE 8-29-95 | |



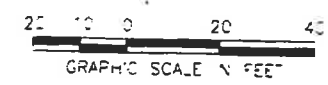
GENERAL NOTES

1. SCHEDULED FERRY DOCKINGS AND PASSENGER ARRIVAL/DEPARTURES SHALL NOT BE INTERRUPTED OR DELAYED DURING PERFORMANCE OF CONTRACT WORK. THE ITEMS OF WORK SHALL BE PERFORMED IN PHASES AS SHOWN. TERMINAL OPERATIONS SHALL "SWITCH-OVER" FROM THE EXISTING TO NEW FACILITIES UPON CONDITIONAL ACCEPTANCE BY THE ENGINEER OF PHASE 1 AND PHASE 2 WORK.
2. SITE ACCESS FOR HEAVY EQUIPMENT AND DELIVERY/REMOVAL OF MATERIALS (EXCEPT FOR DELIVERY OF CONCRETE) VIA LAND SHALL NOT BE PERMITTED. CONTRACTOR MAY SEEK PERMISSION FROM THE CITY OF SAUSALITO FOR ACCESS OF CONCRETE TRUCK TO SITE. OTHERWISE, SITE ACCESS FROM LAND SHALL BE LIMITED TO PERSONNEL, TOOLS, AND EQUIPMENT THAT CAN REASONABLY BE TRANSPORTED ON CARTS NO GREATER THAN 48" IN WIDTH.
3. CONTRACT WORK INCLUDES THE REMOVAL AND DISPOSAL OF ABANDONED MARINE TREATED TIMBER FENDER PILES AND ASSOCIATED LAGGING, DECKING, AND FASTENERS ON THE SITE. SAID PILES WERE INSTALLED PRIOR TO THE DISTRICT'S INITIATION OF FERRY SERVICE AT THE SITE IN 1970 AND ARE BELIEVED TO BE APPROXIMATELY 40 YEARS OLD.
4. SOUNDINGS OF BOTTOM DEPTHS AT VARIOUS POINTS ON THE SITE PERFORMED IN JULY 1994 ARE SHOWN ON THE PLAN (E.G. (1A)). SOUNDINGS SHOWN ARE IN FEET BELOW MEAN LOWER LOW WATER.

ITEMS OF WORK AND CONSTRUCTION PHASING

- PHASE 1 WORK: DEMOLITION AND REMOVAL OF SITE DEBRIS**
- ITEM 1 REMOVE APPROXIMATELY 388 EXISTING 16" Ø MARINE TREATED TIMBER PILES TO MUDLINE; REMOVE ALL ATTACHED TIMBER LAGGING AND DECKING; DISPOSE OF APPROXIMATELY 280 TONS OF MATERIAL AT LICENSED WASTE DISPOSAL FACILITY.
- PHASE 2 WORK: CONSTRUCTION OF NEW FERRY LANDING FACILITIES**
- ITEM 2 CONSTRUCT NEW 50' LONG x 8' WIDE ACCESS PIER; MODIFY RAILING AT EXISTING PIER.
 - ITEM 3 FABRICATE AND INSTALL NEW 110' LONG x 42' WIDE STEEL FLOATING DOCK AND ASSOCIATED UTILITIES.
 - ITEM 4 FABRICATE & INSTALL NEW 70' LONG x 5'-7" WIDE ALUMINUM GANGWAY ("SWITCH-OVER" OF TERMINAL OPERATIONS FROM EXISTING TO NEW FACILITIES SHALL BE PERFORMED PRIOR TO BEGINNING OF ANY PHASE 3 WORK BELOW.)
- PHASE 3 WORK: REMOVAL OF PREVIOUSLY OPERATIONAL FERRY LANDING FACILITIES**
- ITEM 5 REMOVE AND DISPOSE OF EXISTING STEEL GANGWAY; INSTALL NEW HANDRAIL AT GAP IN EXISTING RAIL.
 - ITEM 6 REMOVE AND DISPOSE OF EXISTING STEEL GUIDE PILES; REMOVE AND DISPOSE OF EXISTING 109' LONG x 22' WIDE STEEL FLOATING DOCK AND ASSOCIATED UTILITIES.

SITE PLAN
1" = 20'-0"



| NO. | REVISIONS | BY | DATE |
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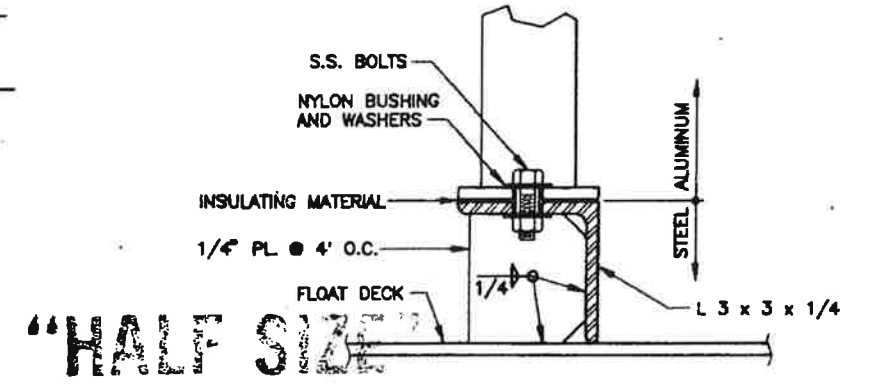
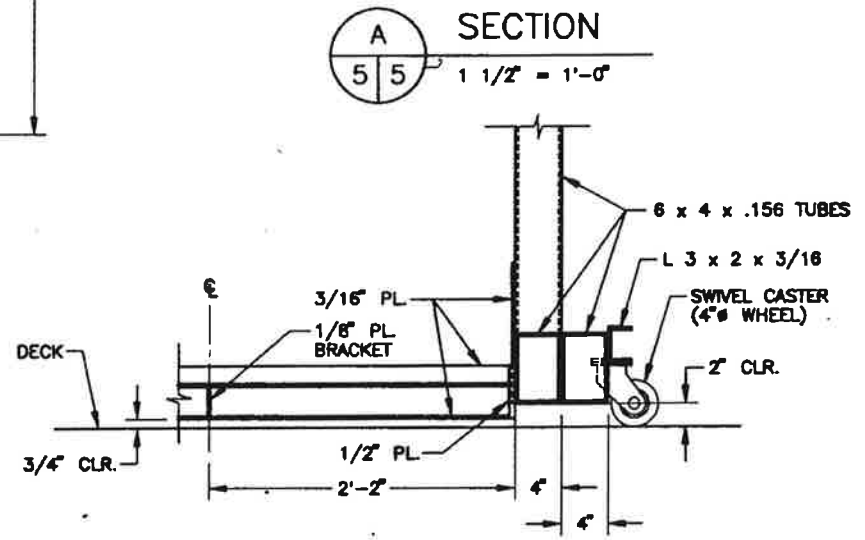
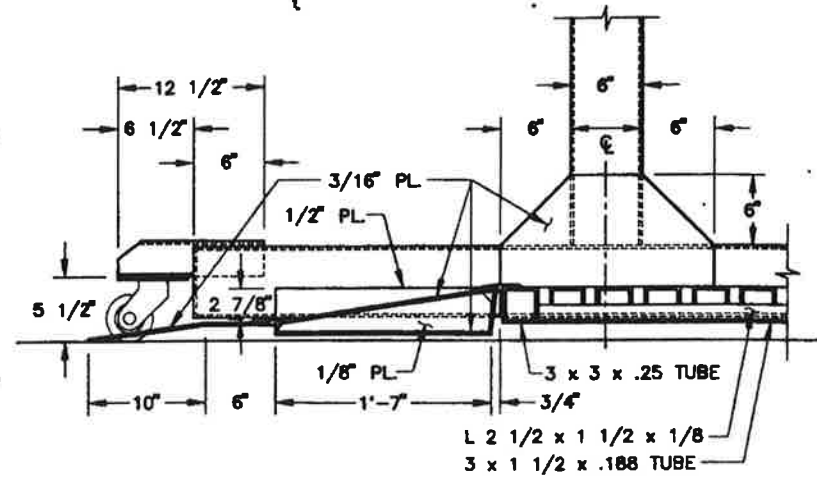
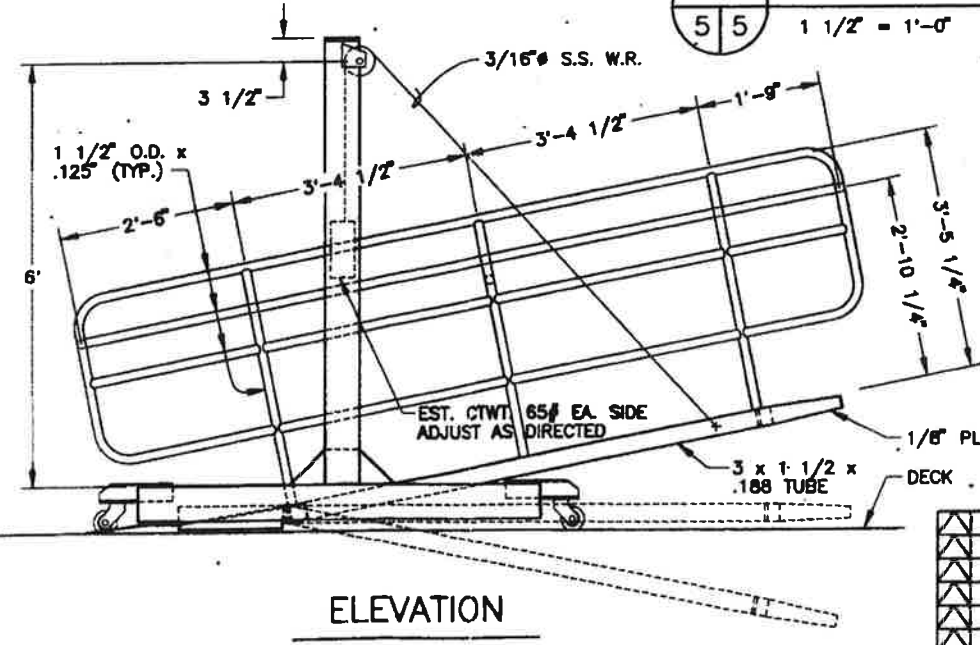
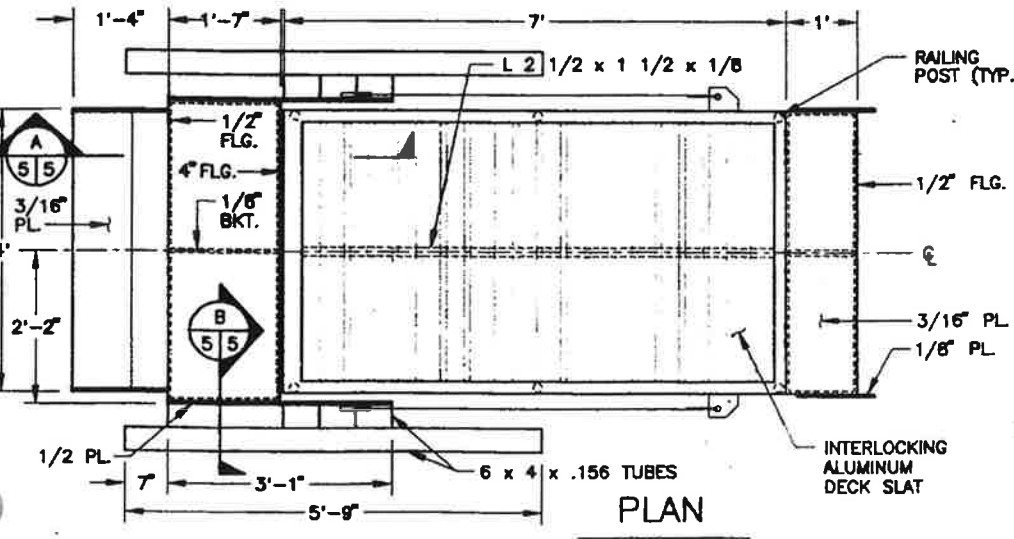
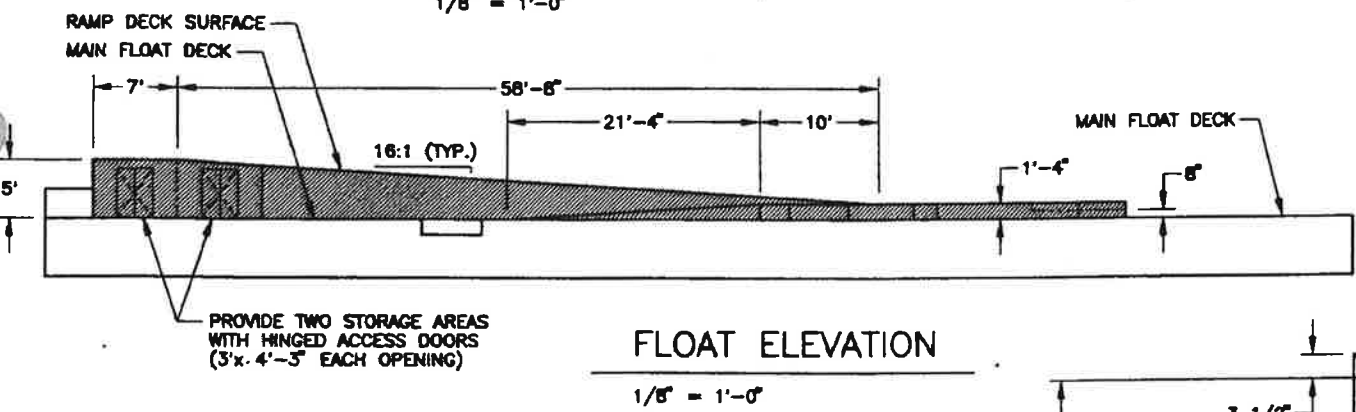
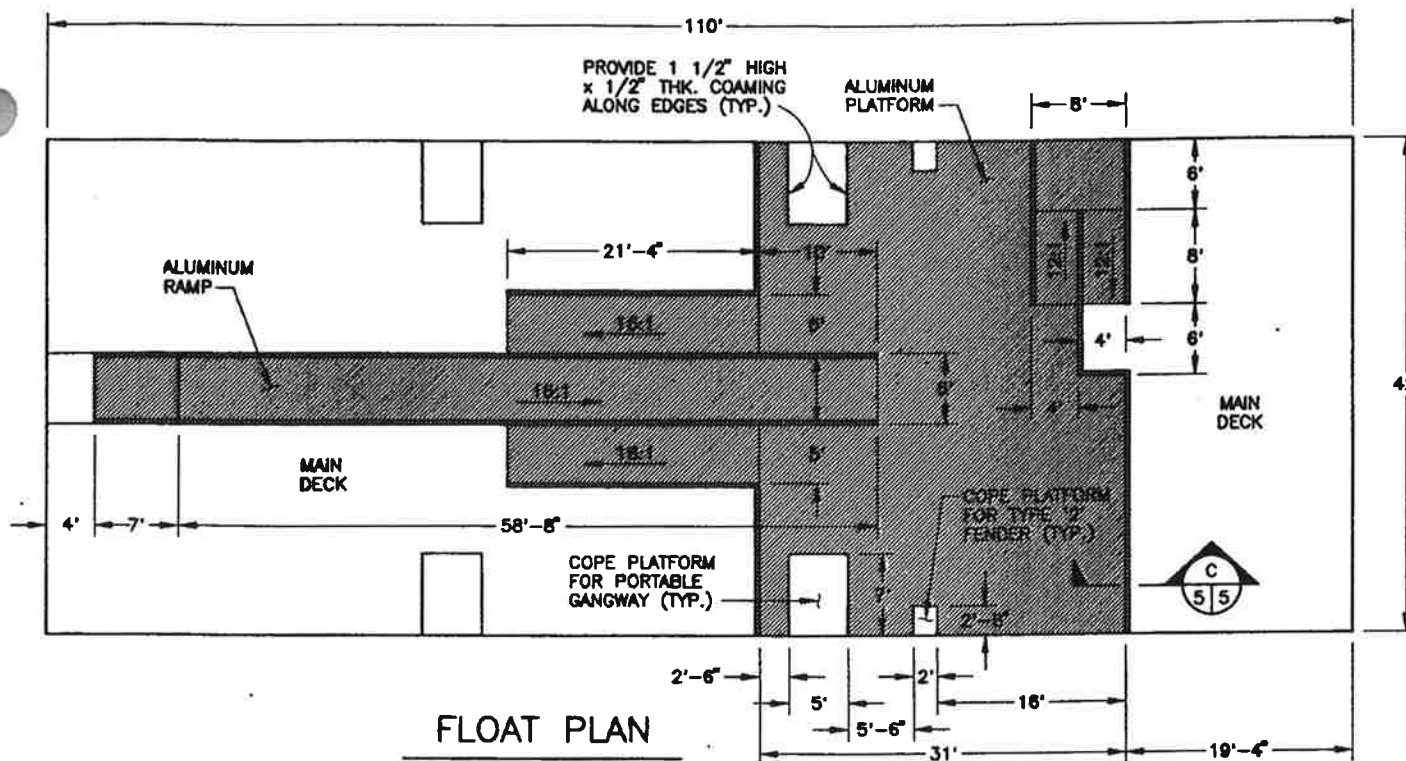


APPROVED BY
GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT

SAUSALITO FERRY LANDING IMPROVEMENTS DEMOLITION & CONSTRUCTION PHASING PLAN

DESIGNED BY R.D. CHECKED BY JK/RM DRAWN BY G.M.
SCALE 1" = 20'-0" DATE 8-29-95

DISTRICT ENGINEER
8-25-95
DATE



NOTES

1. CONTRACTOR SHALL DESIGN, DETAIL, FABRICATE, AND INSTALL APPROXIMATELY 1,415 SQ. FT. OF REMOVABLE ALUMINUM RAMPS AND PLATFORMS ONTO THE STEEL FLOATING DOCK AS SHOWN.
2. RAMPS AND PLATFORMS SHALL BE DESIGNED, FABRICATED, AND ERECTED ACCORDING TO THE APPLICABLE PROVISIONS OF THE UNIFORM BUILDING CODE AND TITLE 24 OF THE CALIFORNIA BUILDING CODE. DESIGNER SHALL BE EXPERIENCED IN THE DESIGN OF ALUMINUM STRUCTURES. CONTRACTOR SHALL SUBMIT CALCULATIONS AND SHOP DRAWINGS TO ENGINEER FOR APPROVAL.
3. CONTRACTOR SHALL DETAIL HOLD-DOWN CONNECTIONS TO FLOATING DOCK. NO HOLES SHALL BE PERMITTED IN STEEL DECK. CONNECTIONS SHALL BE BOLTED WITH STAINLESS STEEL BOLTS TO FACILITATE REMOVAL.
4. ALL VERTICAL SURFACES SHALL BE PROVIDED WITH UNIFORM ALUMINUM SKIRT WITH COARSE MATTE FINISH. SKIRT SHALL BE INTERLOCKING VERTICAL SLATS IN CHANNEL FRAME. PLATFORM AND RAMP DECKING SHALL BE INTERLOCKING TONGUE-IN-GROOVE DECK PLANKS KNURLED AND SANDBLASTED TO PROVIDE NON-SKID SURFACE.
5. CONTRACTOR SHALL COORDINATE DESIGN WITH UTILITY DRAWINGS TO PROVIDE SPACE AND OPENINGS IN THE ALUMINUM RAMPS AND PLATFORMS FOR ALL REQUIRED PIPING AND ASSOCIATED SUPPORTS.
6. HANDRAILS SHALL BE PROVIDED ALONG RAMPS AND AT BREAKS IN GRADE. HANDRAIL DETAILS ARE SHOWN ON SHEET 10, 'RAILING & LIGHTING PLAN & DETAILS'.
7. CONTRACTOR SHALL PROVIDE TWO STORAGE AREAS BENEATH THE CENTRAL WALKWAY RAMP AS SHOWN.

| | | | | | |
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| NO. | | REVISIONS | | BY | DATE |
| CONTRACT NO. | | 85-FI-2 | | SHEET | |
| CAD FILE | | SFLB | | 8 OF 12 | |

APPROVED BY

DISTRICT ENGINEER

8-25-95

DATE

GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT

SAUSALITO FERRY LANDING IMPROVEMENTS

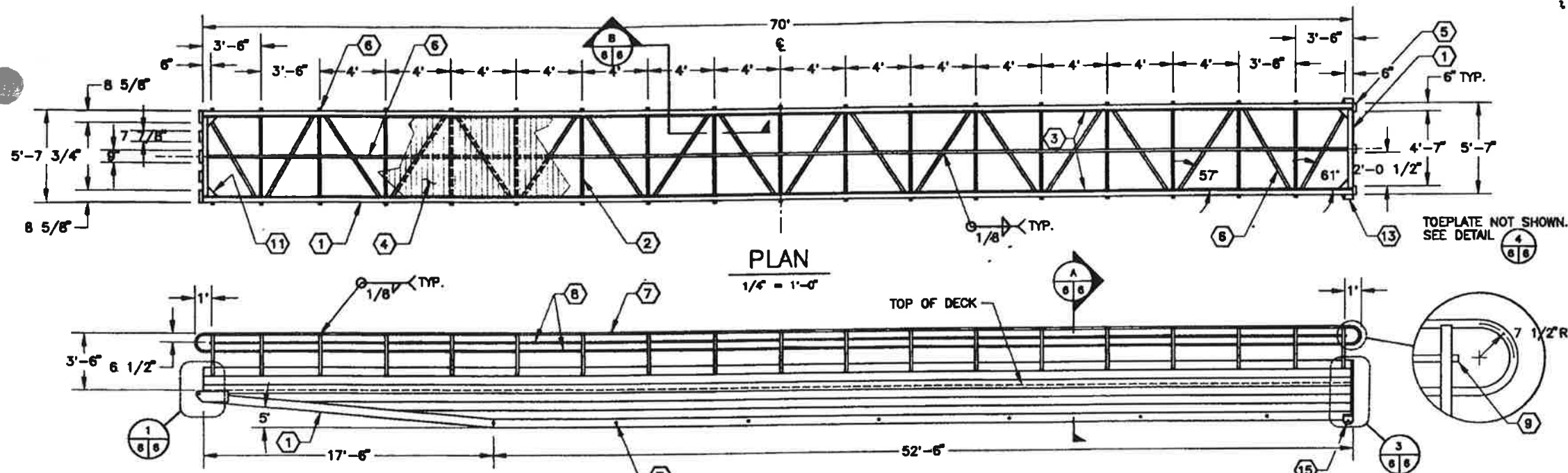
FLOAT RAMP AND PLATFORM & PORTABLE GANGWAY DETAILS

DESIGNED BY R.D. CHECKED BY JK/RM DRAWN BY G.M.

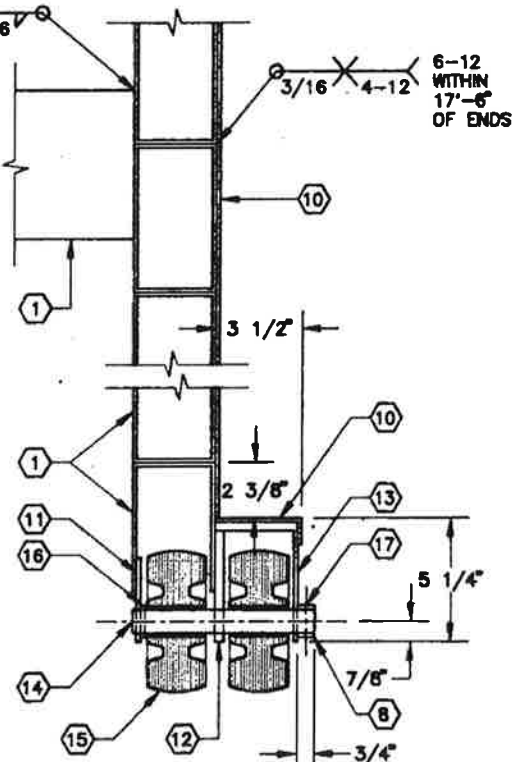
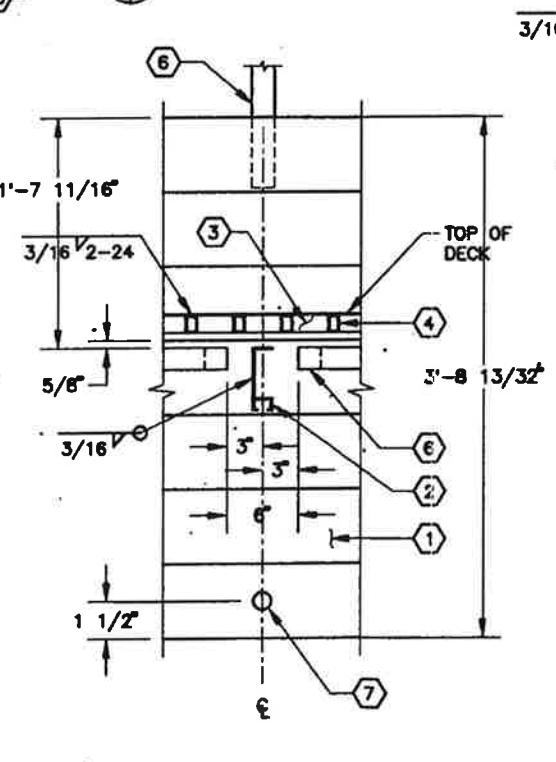
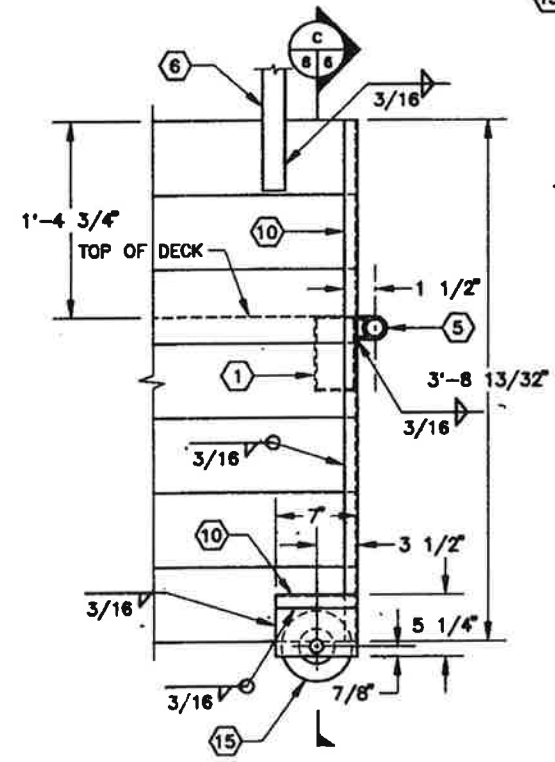
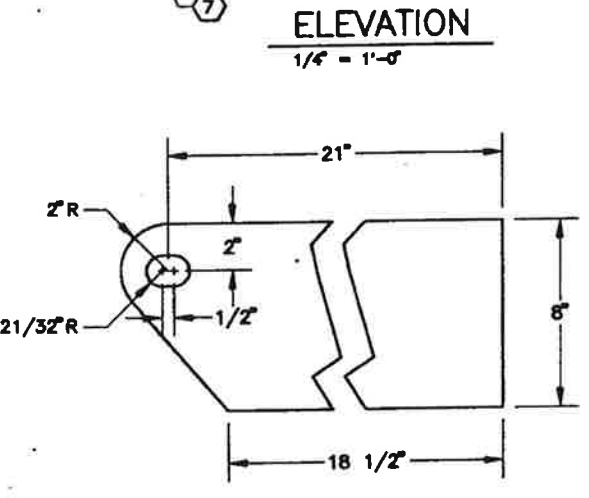
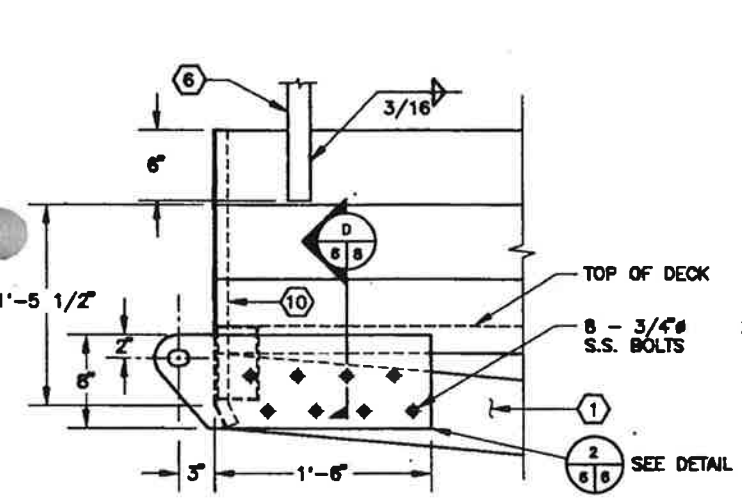
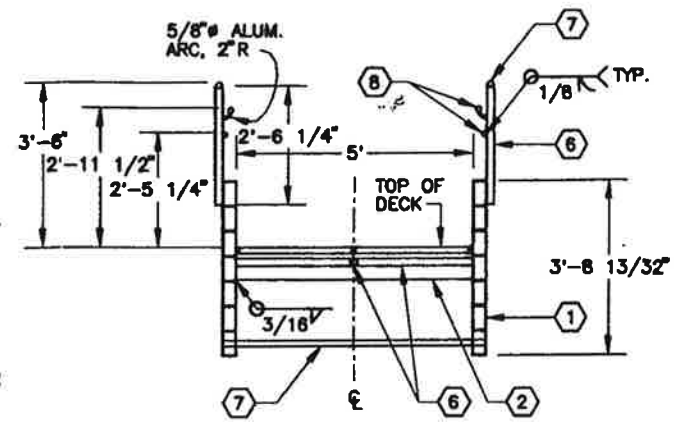
SCALE AS SHOWN DATE 8-29-85

PORTABLE ALUMINUM BOARDING GANGWAY

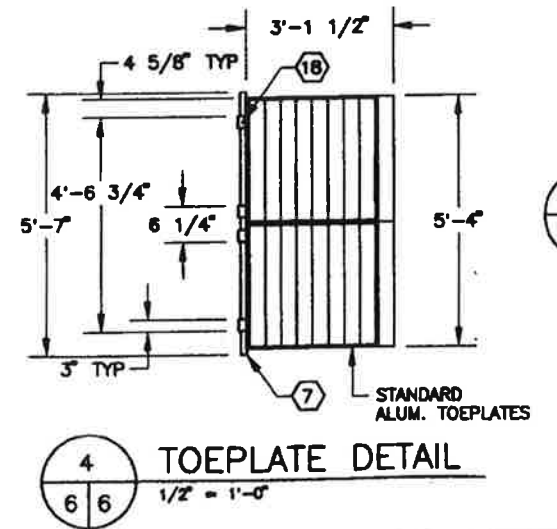
(4 REQUIRED)



NOTE: SEE SHEET 10 OF 12 FOR LIGHTING FIXTURE MOUNTING DETAIL.



| MATERIAL LIST | | |
|---------------|--|---------|
| 1 | 6.334" x 3.50" x .156" ALUM. RECTANGULAR TUBE | 6061-T6 |
| 2 | 5.375" x 1.825" ALUMINUM UTILITY CROSSMEMBER | 6063-T6 |
| 3 | 2" ALUMINUM DECK CHANNEL | 6063-T6 |
| 4 | 4" ALUMINUM INTERLOCKING DECK SLAT | 6063-T6 |
| 5 | 2" ALUMINUM HINGE EXTRUSION | 6063-T6 |
| 6 | 1.875" x 1.875" x .163" ALUM. SQUARE TUBE | 6063-T6 |
| 7 | 1.50" x .125" WALL ALUMINUM TUBING | 6063-T6 |
| 8 | 1.25" x .125" WALL ALUMINUM TUBING | 6063-T6 |
| 9 | 1 1/2" BUTYRATE END PLUG | |
| 10 | 3.85" x 1.125" x .156" ALUMINUM ANGLE | 6063-T6 |
| 11 | 3/16" ALUMINUM PLATE | 6063-T6 |
| 12 | 3/8" ALUMINUM PLATE | 6063-T6 |
| 13 | 7.00" x 3.50" ALUM. ASSOC. STANDARD CHANNEL | 6061-T6 |
| 14 | 1" STAINLESS STEEL AXLE ROD | T-304 |
| 15 | 6" x 2 1/2" POLYURETHAN WHEEL W/ URETHANE TREAD | |
| 16 | 1" DELRIN THRUST WASHER | |
| 17 | 3/16" STAINLESS STEEL COTTER PIN | T-304 |
| 18 | 3/8" x 3 1/2" GALV. CARRIAGE BOLT, NUT, FLAT + LOCK WASHER | |
| 18 | 1 1/2" STAINLESS STEEL TUBE | T-304 |



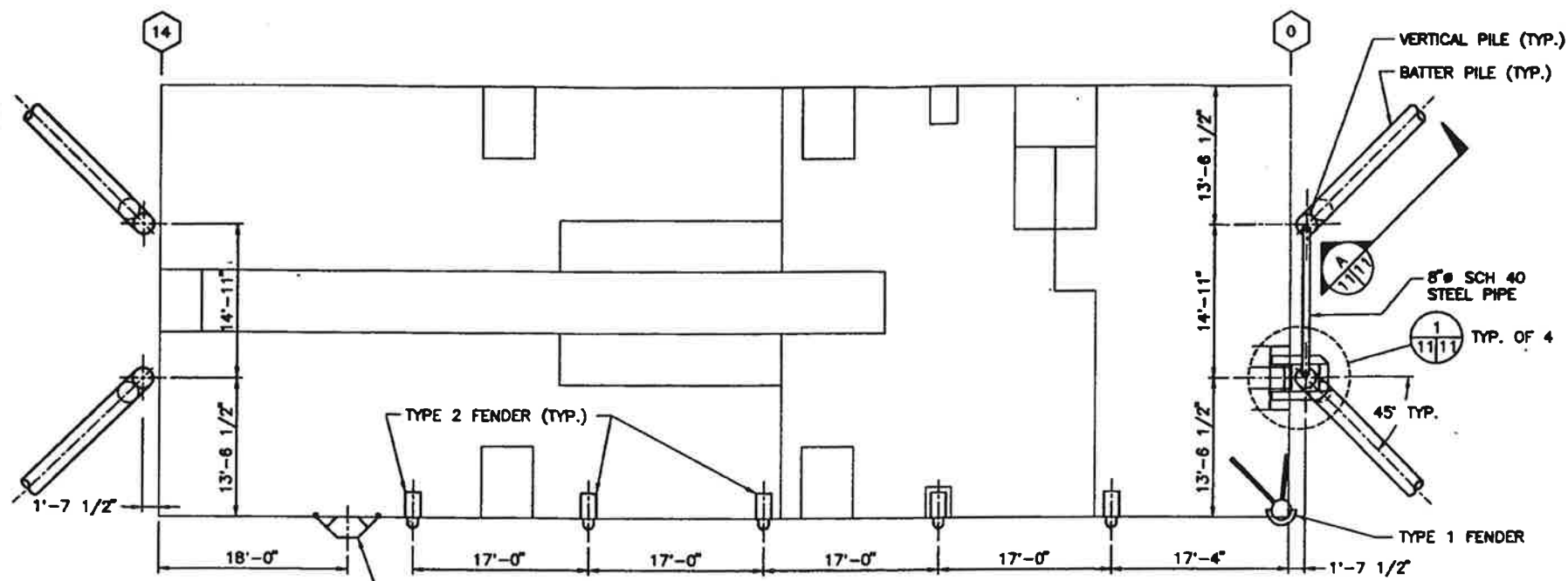
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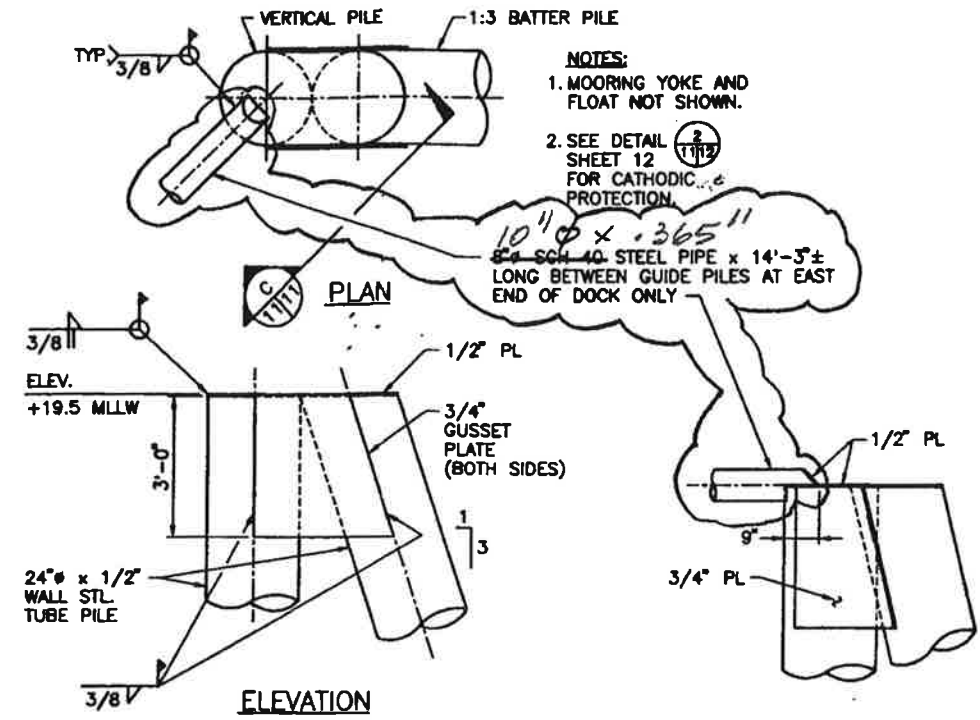
APPROVED BY

 DISTRICT ENGINEER
 8-25-95
 DATE

GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT
 SAUSALITO FERRY LANDING IMPROVEMENTS
 ALUMINUM GANGWAY DETAILS
 DESIGNED BY R.D. CHECKED BY JK/RM DRAWN BY G.M.
 SCALE AS SHOWN DATE 8-29-95



PLAN
1/8" = 1'-0"

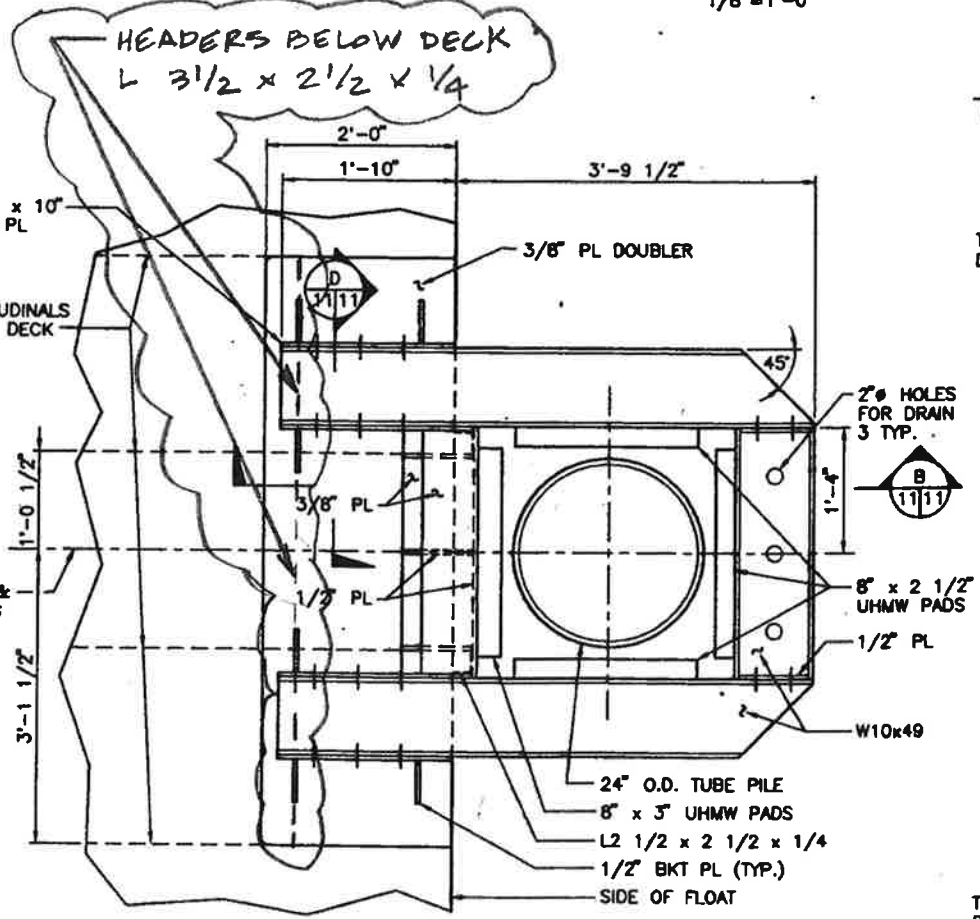


A GUIDE PILES
11/11 (TYP. OF FOUR LOCATIONS)
1/2" = 1'-0"

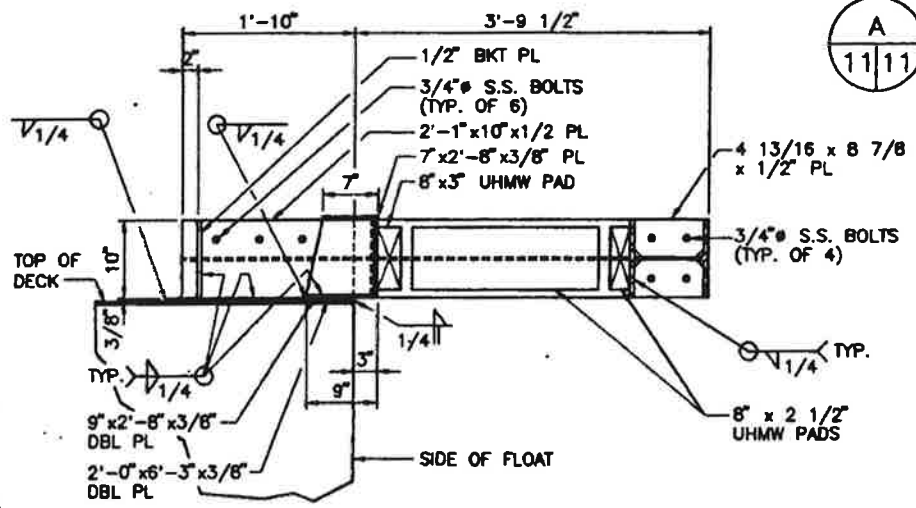
C SECTION
11/11 1/2" = 1'-0"

PILE DRIVING NOTES:

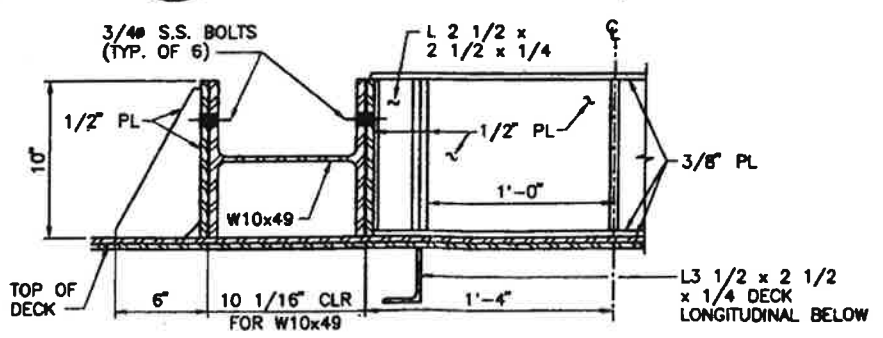
- VERTICAL AND BATTER PILES SHALL BE DRIVEN TO SATISFY BOTH OF THE FOLLOWING CONDITIONS:
A. PILE TIP SHALL PENETRATE FRACTURED BEDROCK A MINIMUM OF 10 FEET.
B. PILE SHALL ATTAIN A MINIMAL AXIAL BEARING CAPACITY OF 100 TONS PER E.N.R. FORMULA.
- FRACTURED BEDROCK IS ANTICIPATED AT A DEPTH OF -55 ± 5 MILLW AT THE WEST END OF THE DOCK AND AT -70 ± 5 MILLW AT THE EAST END OF THE DOCK.
- FRACTURED BEDROCK IS BELIEVED TO BE RED FRACTURED CHERT OR FRACTURED SANDSTONE WITH UNCONFINED SHEAR STRENGTH IN THE 3000-3700 PSF RANGE.
- VERTICAL AND BATTER PILES SHALL CONFORM WITH ASTM A252, GRADE 3. FOR BIDDING PURPOSES, CONTRACTOR SHALL ASSUME 4 PILES x 85 LF (IN PLACE) AND 4 PILES x 100 LF (IN PLACE), MINIMUM.
- AFTER PILES ARE DRIVEN TO FINAL POSITION, MATERIAL WITHIN THE ANNULAR SPACE SHALL BE REMOVED. THE BOTTOM 10' OF THE PILE SHALL BE FILLED WITH CONCRETE. THE REMAINING SPACE SHALL BE FILLED WITH SAND/GRAVEL AGGREGATE, 3/4" MAX. GRAIN SIZE.



1 MOORING YOKE DETAIL (TYP. OF 4)
11/11 1" = 1'-0"



B FLOAT END BLOCK SECTION
11/11 1" = 1'-0"



D SECTION
11/11 2" = 1'-0"

| | | | |
|----------------------|------------------|---|----------------|
| APPROVED BY | | GOLDEN GATE BRIDGE, HIGHWAY AND TRANSPORTATION DISTRICT | |
| | | SAUSALITO FERRY LANDING IMPROVEMENTS | |
| | | FENDER LOCATIONS, GUIDE PILES, MOORING YOKES AND DRIVING DATA | |
| DESIGNED BY RD | CHECKED BY RM/JK | DATE | DRAWN BY BC |
| CONTRACT NO. 85-F7-2 | SHEET | DATE | SCALE AS SHOWN |
| CAD FILE SFL11 | 11 OF 12 | 8-25-95 | DATE 8-28-95 |

PLOT DATE: 8-18-95
 PLOT SCALE: 1/2" = 1'-0"

DESIGN TEAM

CIVIL/STRUCTURAL
 NOBLE CONSULTANTS, INC.
 359 BEL MARIN KEYS BLVD, SUITE 9
 NOVATO, CA 94949
 (415) 884-0727

MECHANICAL/ELECTRICAL
 DCV CONSULTANTS
 40 PT. SAN PEDRO RD, NO. 57
 SAN RAFAEL, CA 94901
 (415) 457-2739

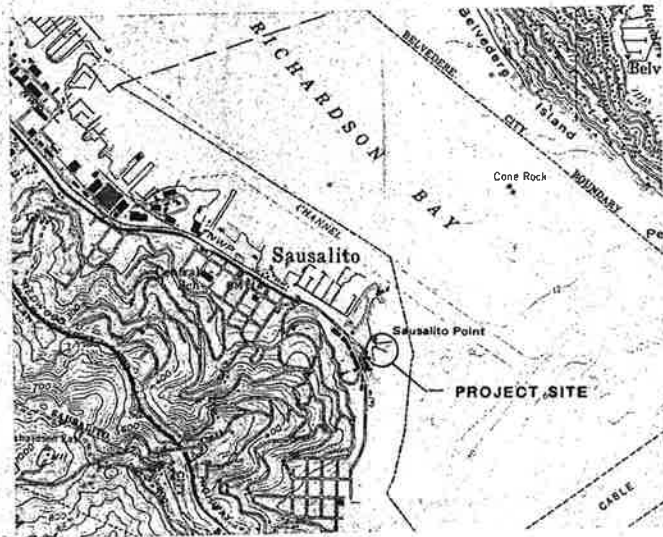
ARCHITECTURAL
 DONALD OLSEN, AIA & ASSOCIATES
 668 BRIDGEWAY
 SAUSALITO, CA 94965
 (415) 332-0297

City of Sausalito

**FERRY LANDING IMPROVEMENTS
 (PHASE I)
 DECEMBER 23, 1997**

PROJECT OWNER

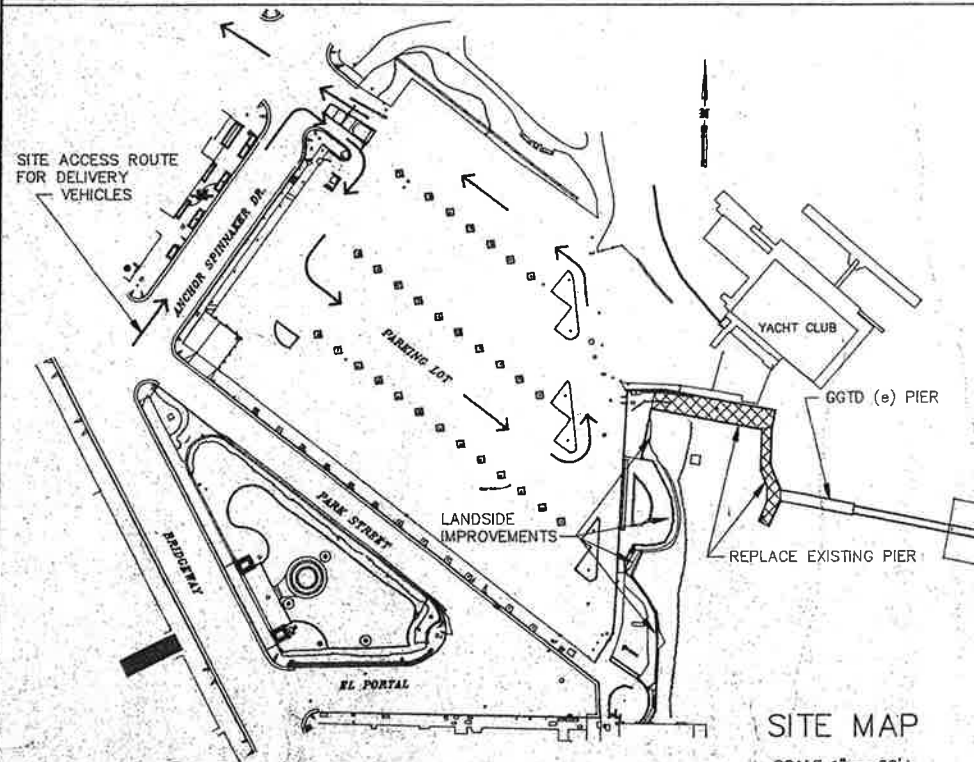
CITY OF SAUSALITO
 420 LITHO STREET
 SAUSALITO, CA 94965
 (415) 289-4100



VICINITY MAP

SCALE 1" = 1/2 MILE

REF: USGS, "SAN FRANCISCO NORTH"



SITE MAP

SCALE 1" = 60'±

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- A-2 ARCHITECTURAL DETAILS

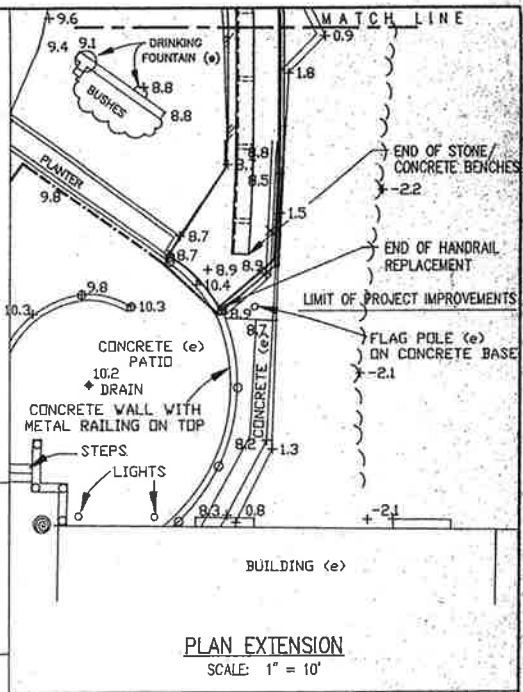
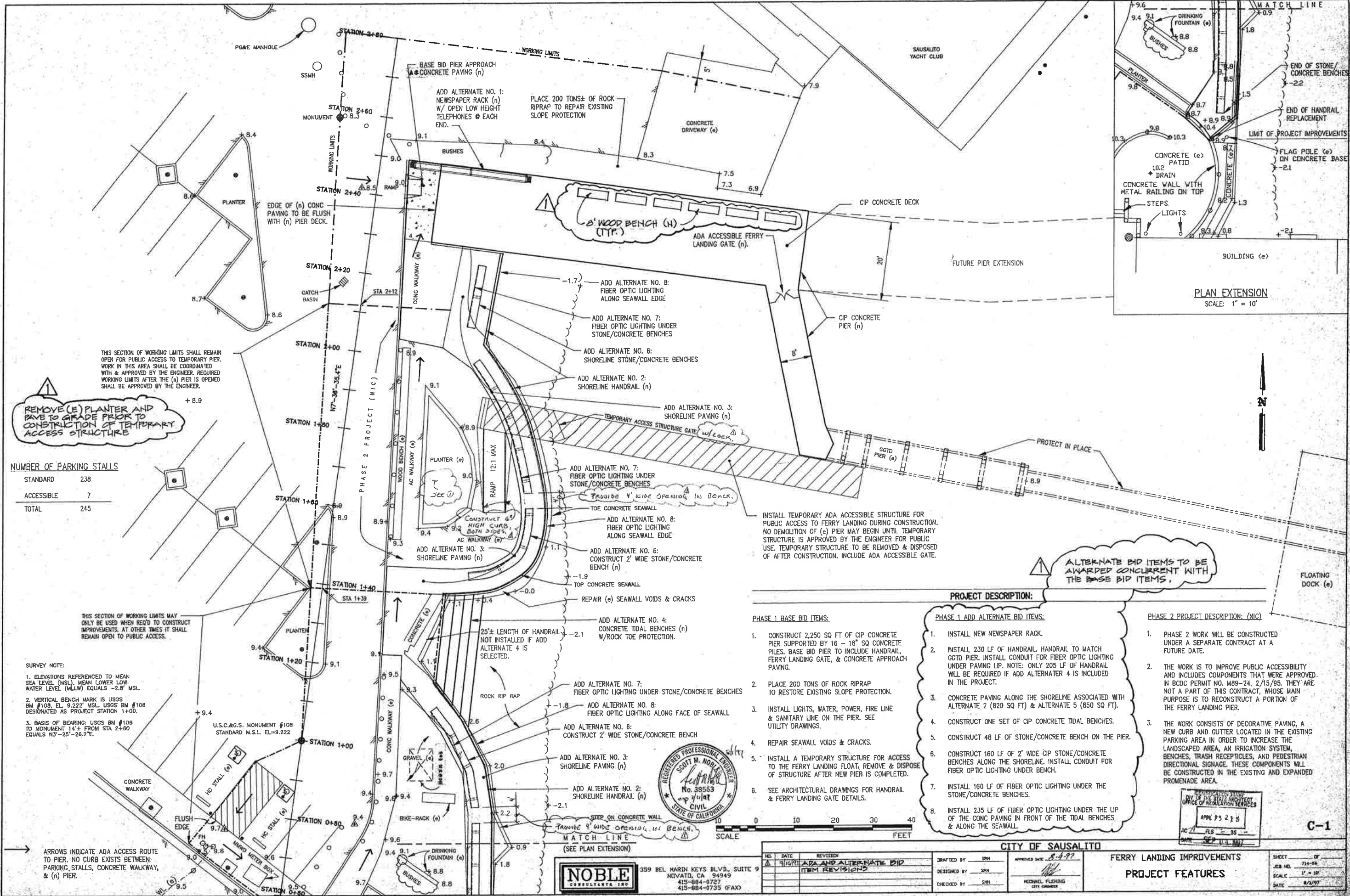
ABBREVIATIONS

| | | | |
|--------|------------------------------|-------|------------------------|
| AGG | AGGREGATE | LOC | ON CENTER |
| AC | ASPHALTIC CONCRETE | P | POWER |
| APPROX | APPROXIMATELY | REINF | REINFORCEMENT |
| BETW | BETWEEN | REQ'D | REQUIRED |
| CIP | CAST IN PLACE | SQ | SQUARE |
| CLR | CLEAR | SQ FT | SQUARE FEET |
| CONC | CONCRETE | SS | SANITARY SEWER |
| CONT | CONTINUOUS | T | TELEPHONE |
| EJ | EXPANSION JOINT | TYP | TYPICAL |
| EL | ELEVATION | UNO | UNLESS OTHERWISE NOTED |
| ELEC | ELECTRICAL | WL | WATER LINE |
| EW | EACH WAY | (e) | EXISTING |
| F | FIRE | (n) | NEW |
| GGTD | GOLDEN GATE TRANSIT DISTRICT | W | WITH |
| HDG | HOT DIP GALVANIZED | W/O | WITHOUT |
| HC | HANDICAP | W/I | WITHIN |
| JB | JUNCTION BOX | CL | CENTER LINE |
| LF | LINEAL FEET | @ | AT |
| MAT'L | MATERIAL | ± | APPROXIMATELY |
| MIN | MINIMUM | ± 3" | PLUS OR MINUS 3" |
| NIC | NOT IN CONTRACT | | |

NOBLE CONSULTANTS, INC.
 359 BEL MARIN KEYS BLVD., SUITE 9
 NOVATO, CA 94949
 415-884-0727
 415-884-0735 (FAX)

| | | | | |
|-------------------|----------------------|----------------------------|------------------|--------------|
| CITY OF SAUSALITO | | FERRY LANDING IMPROVEMENTS | | SHEET 1 OF 1 |
| NO. DATE REVISION | DRAFTED BY: SMH | APPROVED DATE: 8-4-97 | TITLE SHEET | |
| | DESIGNED BY: SML/KRH | | SHEET NO. 716-04 | |
| | CHECKED BY: SMH | NOBLE CONSULTANTS, INC. | SCALE AS SHOWN | |
| | | CITY ENGINEER | DATE 8/1/97 | |





THIS SECTION OF WORKING LIMITS SHALL REMAIN OPEN FOR PUBLIC ACCESS TO TEMPORARY PIER. WORK IN THIS AREA SHALL BE COORDINATED WITH & APPROVED BY THE ENGINEER. REQUIRED WORKING LIMITS AFTER THE (n) PIER IS OPENED SHALL BE APPROVED BY THE ENGINEER.

REMOVE (E) PLANTER AND PAVE TO GRADE PRIOR TO CONSTRUCTION OF TEMPORARY ACCESS STRUCTURE

NUMBER OF PARKING STALLS

| | |
|------------|-----|
| STANDARD | 238 |
| ACCESSIBLE | 7 |
| TOTAL | 245 |

THIS SECTION OF WORKING LIMITS MAY ONLY BE USED WHEN REQ'D TO CONSTRUCT IMPROVEMENTS. AT OTHER TIMES IT SHALL REMAIN OPEN TO PUBLIC ACCESS.

SURVEY NOTE:
 1. ELEVATIONS REFERENCED TO MEAN SEA LEVEL (MSL). MEAN LOWER LOW WATER LEVEL (MLLW) EQUALS -2.8' MSL.
 2. VERTICAL BENCH MARK IS USGS BM #108, EL. 9.222' MSL. USGS BM #108 DESIGNATED AS PROJECT STATION 1+00.
 3. BASIS OF BEARING: USGS BM #108 TO MONUMENT 14'± FROM STA 2+80 EQUALS N3°-25'-26.2"E.

U.S.C.&G.S. MONUMENT #108
 STANDARD M.S.L. EL.=9.222'



SCALE 0 10 20 30 40 FEET

PROJECT DESCRIPTION:

PHASE 1 BASE BID ITEMS:

1. CONSTRUCT 2,250 SQ FT OF CIP CONCRETE PIER SUPPORTED BY 16 - 18" SQ CONCRETE PILES. BASE BID PIER TO INCLUDE HANDRAIL, FERRY LANDING GATE, & CONCRETE APPROACH PAVING.
2. PLACE 200 TONS OF ROCK RIPRAP TO RESTORE EXISTING SLOPE PROTECTION.
3. INSTALL LIGHTS, WATER, POWER, FIRE LINE & SANITARY LINE ON THE PIER. SEE UTILITY DRAWINGS.
4. REPAIR SEAWALL VOIDS & CRACKS.
5. INSTALL A TEMPORARY STRUCTURE FOR ACCESS TO THE FERRY LANDING FLOAT, REMOVE & DISPOSE OF STRUCTURE AFTER NEW PIER IS COMPLETED.
6. SEE ARCHITECTURAL DRAWINGS FOR HANDRAIL & FERRY LANDING GATE DETAILS.

PHASE 1 ADD ALTERNATE BID ITEMS:

1. INSTALL NEW NEWSPAPER RACK.
2. INSTALL 230 LF OF HANDRAIL. HANDRAIL TO MATCH CGTD PIER. INSTALL CONDUIT FOR FIBER OPTIC LIGHTING UNDER PAVING LIP. NOTE: ONLY 205 LF OF HANDRAIL WILL BE REQUIRED IF ADD ALTERNATE 4 IS INCLUDED IN THE PROJECT.
3. CONCRETE PAVING ALONG THE SHORELINE ASSOCIATED WITH ALTERNATE 2 (820 SQ FT) & ALTERNATE 5 (650 SQ FT).
4. CONSTRUCT ONE SET OF CIP CONCRETE TIDAL BENCHES.
5. CONSTRUCT 48 LF OF STONE/CONCRETE BENCH ON THE PIER.
6. CONSTRUCT 160 LF OF 2' WIDE CIP STONE/CONCRETE BENCHES ALONG THE SHORELINE. INSTALL CONDUIT FOR FIBER OPTIC LIGHTING UNDER BENCH.
7. INSTALL 160 LF OF FIBER OPTIC LIGHTING UNDER THE STONE/CONCRETE BENCHES.
8. INSTALL 235 LF OF FIBER OPTIC LIGHTING UNDER THE LIP OF THE CONC PAVING IN FRONT OF THE TIDAL BENCHES & ALONG THE SEAWALL.

PHASE 2 PROJECT DESCRIPTION: (NIC)

1. PHASE 2 WORK WILL BE CONSTRUCTED UNDER A SEPARATE CONTRACT AT A FUTURE DATE.
2. THE WORK IS TO IMPROVE PUBLIC ACCESSIBILITY AND INCLUDES COMPONENTS THAT WERE APPROVED IN BCDC PERMIT NO. M89-24, 2/15/95. THEY ARE NOT A PART OF THIS CONTRACT, WHOSE MAIN PURPOSE IS TO RECONSTRUCT A PORTION OF THE FERRY LANDING PIER.
3. THE WORK CONSISTS OF DECORATIVE PAVING, A NEW CURB AND GUTTER LOCATED IN THE EXISTING PARKING AREA IN ORDER TO INCREASE THE LANDSCAPED AREA, AN IRRIGATION SYSTEM, BENCHES, TRASH RECEPTILES, AND PEDESTRIAN DIRECTIONAL SIGNAGE. THESE COMPONENTS WILL BE CONSTRUCTED IN THE EXISTING AND EXPANDED PROMENADE AREA.

ALTERNATE BID ITEMS TO BE AWARDED CONCURRENT WITH THE BASE BID ITEMS.

ARROWS INDICATE ADA ACCESS ROUTE TO PIER. NO CURB EXISTS BETWEEN PARKING STALLS, CONCRETE WALKWAY, & (n) PIER.

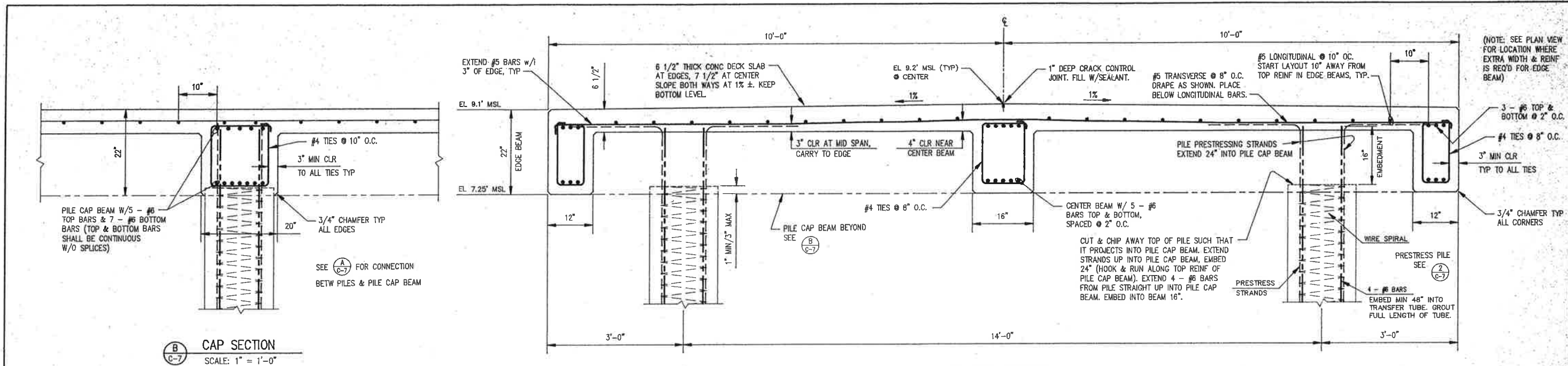
NOBLE CONSULTANTS, INC.
 359 BEL MARIN KEYS BLVD., SUITE 9
 NOVATO, CA 94949
 415-884-0727
 415-884-0735 (FAX)

| REV. | DATE | REVISION |
|------|---------|--------------------------------------|
| 1 | 7/10/97 | ADA AND ALTERNATE BID ITEM REVISIONS |

CITY OF SAUSALITO
FERRY LANDING IMPROVEMENTS
PROJECT FEATURES

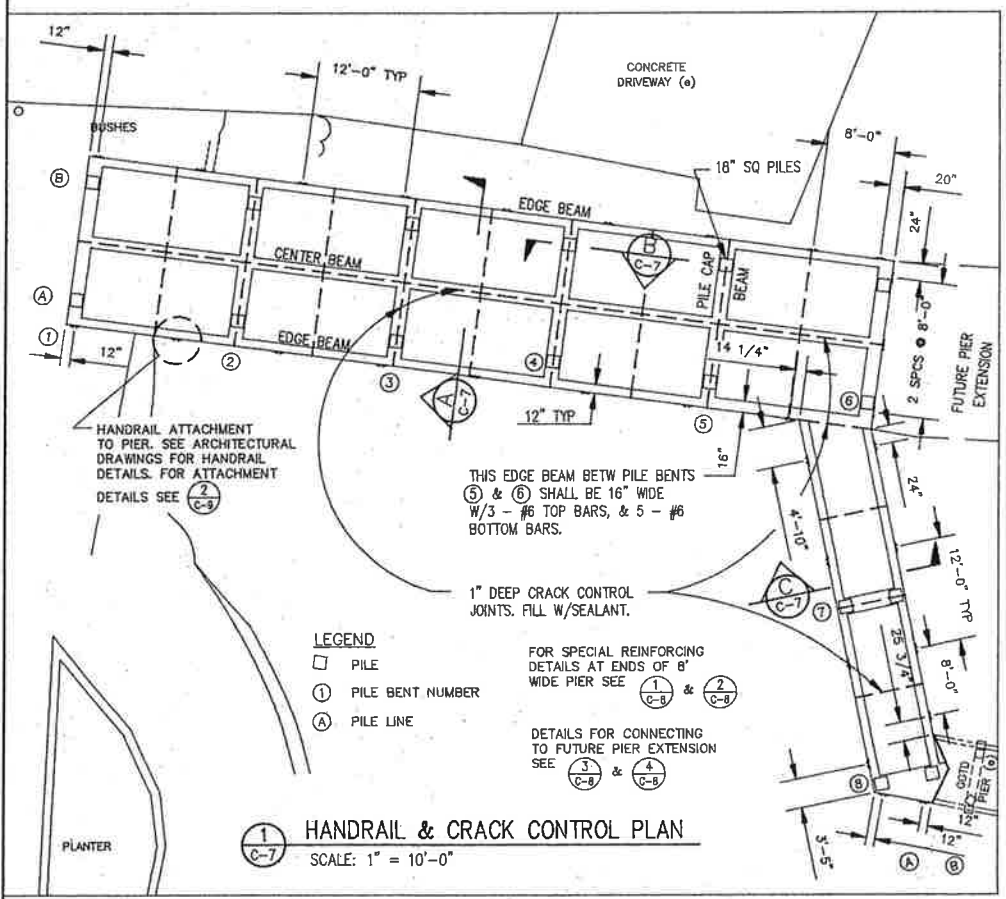
APPROVED DATE: 8-4-97
 MICHAEL FLEHNDING
 CITY ENGINEER

SHEET 714-04 OF 714-04
 SCALE 1" = 10'
 DATE 8/2/97

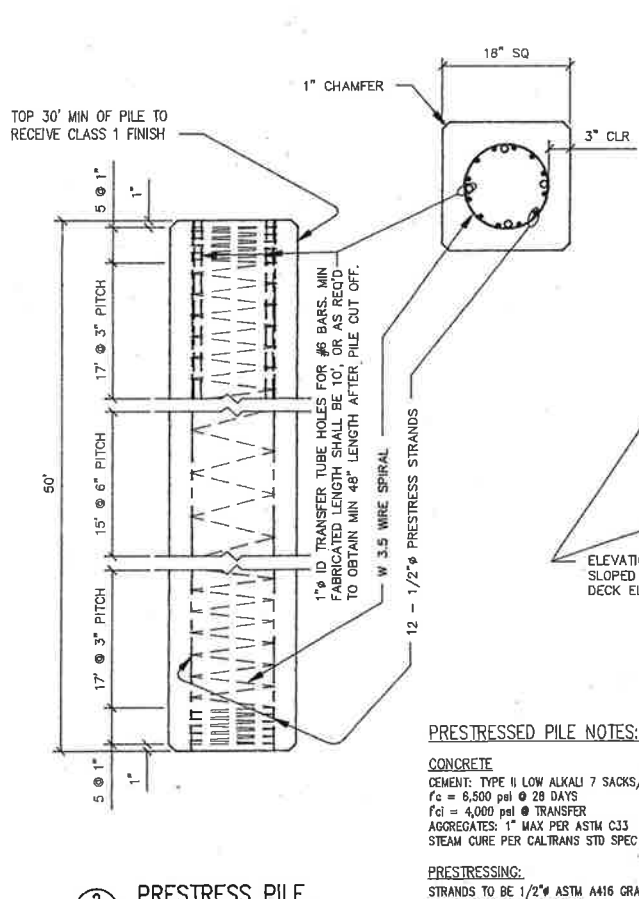


B CAP SECTION
SCALE: 1" = 1'-0"

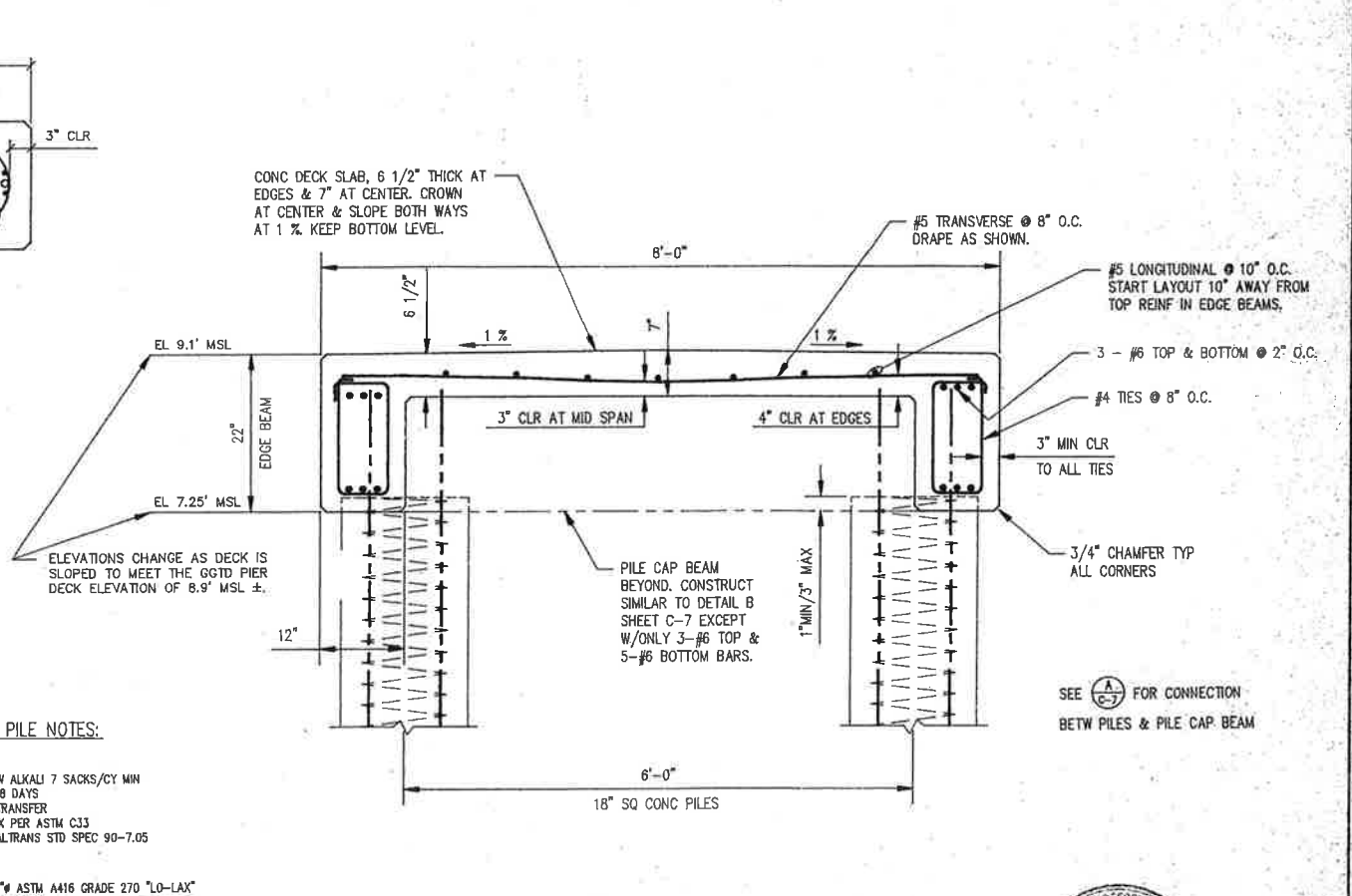
A 20' PIER SECTION
SCALE: 1" = 1'-0"



C HANDRAIL & CRACK CONTROL PLAN
SCALE: 1" = 10'-0"



D PRESTRESS PILE
SCALE: 1" = 1'-0"



E 8' PIER SECTION
SCALE: 1" = 1'-0"

- NOTES:**
- ALL REBAR TO BE EPOXY COATED PER THE SPECIFICATIONS.
 - HANDRAIL & HANDRAIL ATTACHMENT ANCHOR BOLTS & HARDWARE TO BE HOT DIP GALVANIZED PER THE SPECIFICATIONS.
 - CONCRETE SURFACES UNDER THE DECK, INCLUDING THE SIDES & BOTTOMS OF THE EDGE, CENTER & PILE CAP BEAMS TO BE COATED W/ TWO COATS OF A PROTECTIVE COATING PER THE SPECIFICATIONS.
 - SEE ARCHITECTURAL DRAWINGS FOR HANDRAIL DETAILS.
 - SEE UTILITY DRAWINGS FOR PIER UTILITY REQUIREMENTS.
 - ADJACENT REBAR SPLICES SHALL BE OFFSET.
 - HANDRAIL NOT SHOWN, SEE (P) & (2) FOR DETAILS.
 - CONTRACTOR SHALL PREPARE A TEST PLOT CONTAINING A MIN. OF THREE SAMPLES OF CIP PIER DECK FINISHES, TO INCLUDE ONE WASHED EXPOSED AGGREGATE FINISH & TWO ROUGH (NON SLIP) BROOM FINISHES. SAMPLES TO BE PREPARED W/ APPROVED MIX DESIGN CONC. ENGINEER WILL SELECT SAMPLE TO BE USED AS FINISH FOR CIP PIER DECK.
 - PIER CIP CONCRETE:
F' = 5,000 PSI
W/C = 0.4 MAX
AGGREGATE = 3/4" MAX
AIR ENTRAINMENT = 5-6%
POZZOLAN = 15% MAX

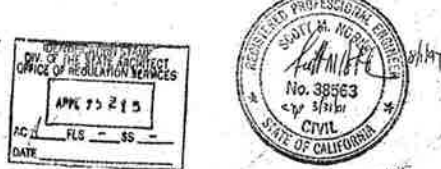
PRESTRESSED PILE NOTES:

CONCRETE
CEMENT: TYPE II LOW ALKALI 7 SACKS/CY MIN
F_c = 6,500 psi @ 28 DAYS
F_{ci} = 4,000 psi @ TRANSFER
AGGREGATES: 1" MAX PER ASTM C33
STEAM CURE PER CALTRANS STD SPEC 90-7.05

PRESTRESSING:
STRANDS TO BE 1/2" ASTM A416 GRADE 270 "LO-LAX"
MAX PRESTRESS = 1,250 PSI

REINFORCING:
WIRE SPIRAL REINFORCING ASTM A82
DEFORMED BARS GRADE 60 ASTM 615
BARS EPOXY COATED PER ASTM D3963

DESIGN CRITERIA:
FACTORED AXIAL LOAD = 25,000 LBS
FACTORED BENDING MOMENT = 200,000 FT-LBS



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| NO. | DATE | REVISION |
|-----|----------|------------------------------------|
| 1 | 01/14/97 | PERMITTED MAX. TENSILE STRESS NOTE |

DRAFTED BY: SMH
DESIGNED BY: KRH
CHECKED BY: SMH

APPROVED DATE: 8-8-97
MICHAEL FLORES
CITY ENGINEER

CITY OF SAUSALITO
FERRY LANDING IMPROVEMENTS
PIER SECTIONS & PRESTRESSED PILE

SHEET _____ OF _____
JOB NO. 714-04
SCALE AS SHOWN
DATE 8/1/97