

PLAN
1/4" = 1'-0"



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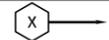
PROJECT	ALAMEDA HARBOR BAY TERMINAL ALAMEDA, CA
SHEET	FLOAT-VESSEL ARRANGEMENT BAY BREEZE

DATE	----
SHEET	OF #
DRAWING NO.	G5.3
JOB NO.	2045

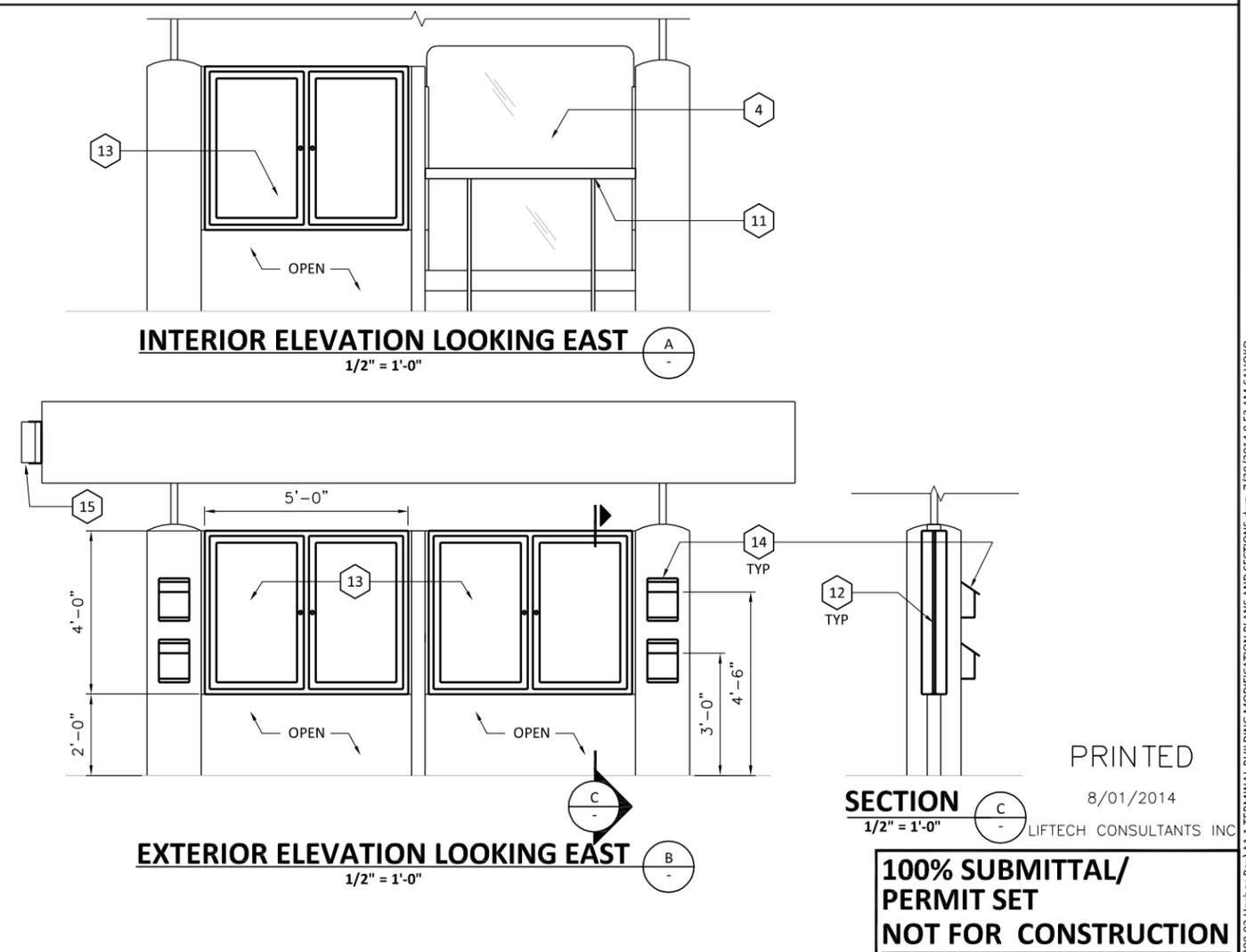
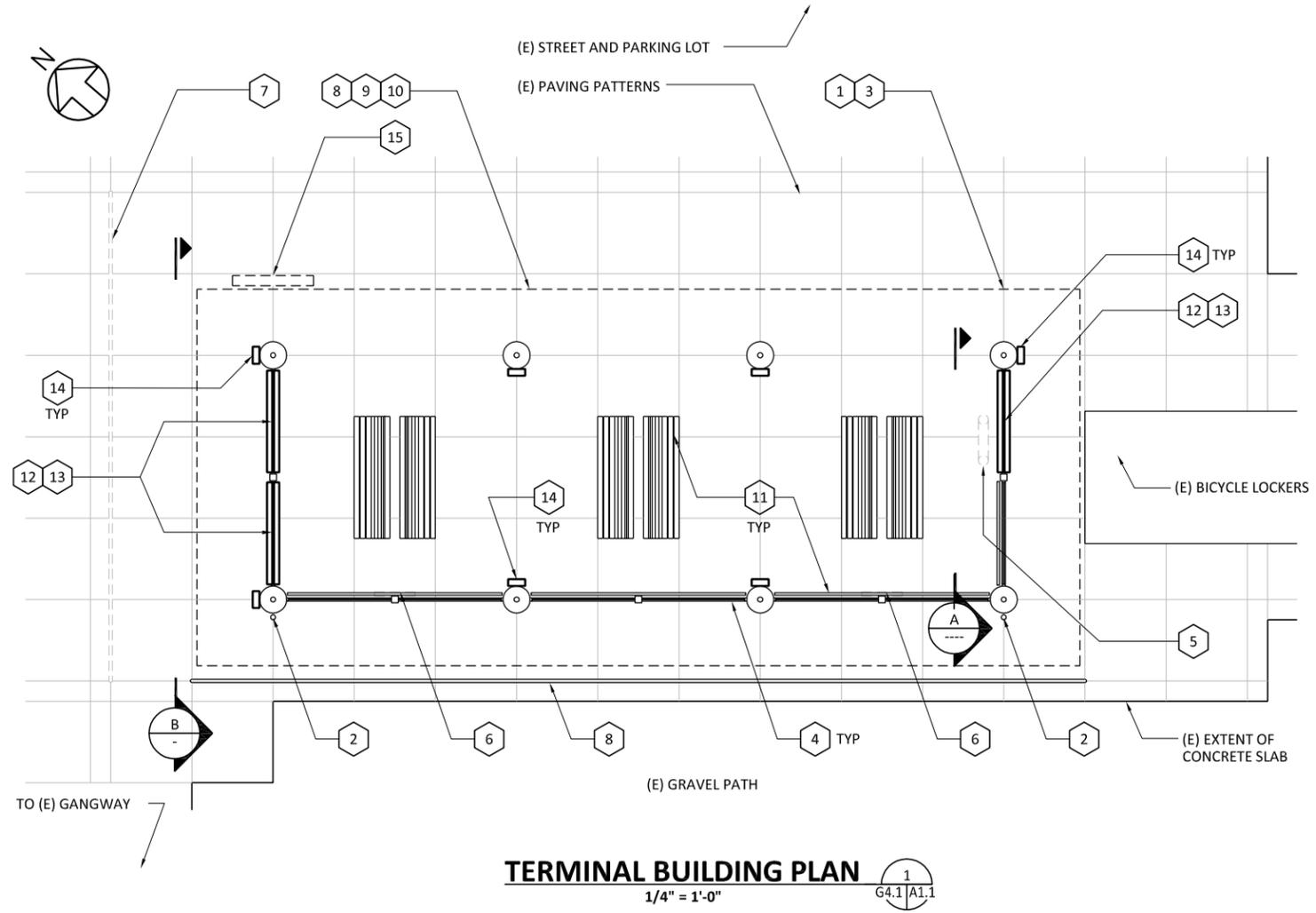
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\\moa2045\2045\Drawings\Current\Harbor Bay\G5.3 FLOAT-VESSEL ARRANGEMENT BAY BREEZE.dwg 8/4/2014 12:07 PM ALVIN HOFFPAUIR

GENERAL NOTES



1. INSPECT ENTIRE TERMINAL BUILDING FOR WOOD ROT. TREAT LOCALIZED NON-STRUCTURAL AREAS WITH PENETRATING EPOXY SEALER AND FILLER. CUT OUT LARGER AREAS OR REPLACE AFFECTED STRUCTURAL MEMBERS WITH MATCHING SPECIES/GRADE/DIMENSION.
2. REPLACE (2) RAIN WATER LEADERS WITH (N) HOT-DIPPED GALVANIZED STEEL LEADERS, BENDS AND BRACKETS.
3. REPAIR OR REPLACE ALL DEFECTIVE, CORRODED, AND LEAKING GUTTERS.
4. REMOVE & STORE ALL GLAZING PANELS AND STOPS FROM WIND SCREEN. SEE NOTE 8 BELOW FOR SURFACE PREPARATION AND PAINTING OF GLAZING STOPS, POSTS AND SUPPORT FRAMING. AFTER RESTORATION OF POSTS AND FRAMING, REINSTALL WIND SCREEN GLAZING PANELS IN ALL BAYS EXCEPT THE 3 BAYS WHERE DISPLAY BOARDS ARE TO BE INSTALLED, AS SHOWN IN PLAN AND ELEVATION BELOW. DETERMINE THE GENERAL CONDITION OF THE GLAZING PANELS. REINSTALL PANELS IN THE BEST CONDITION. DELIVER UNUSED SPARE GLAZING PANELS TO OWNER.
5. REMOVE (E) BULLETIN BOARD DISPLAY STAND AND DELIVER TO OWNER. GRIND ANCHOR BOLTS OFF FLUSH AND TREAT WITH GALVANIZING TOUCH-UP PAINT.
6. REMOVE 2 (E) LITERATURE DISPLAY/DISPENSERS AND DELIVER TO OWNER.
7. REMOVE EXTERNAL METAL RAILING ADJACENT TO NORTH ELEVATION OF BUILDING AND DELIVER TO OWNER. FILL & PATCH TO MATCH (E) CONCRETE.
8. ALL PAINTED SURFACES WITHIN THE TERMINAL BUILDING AND THE EXTERNAL METAL RAILING ADJACENT TO THE SOUTH ELEVATION OF THE BUILDING SHALL BE REFINISHED AND REPAINTED AS DESCRIBED IN NOTES 9 AND 10
9. SURFACE PREPARATION AND REFINISHING FOR METALLIC SURFACES: PREPARE ALL METALLIC SURFACES ACCORDING TO THE REQUIREMENTS OF SSPC (SOCIETY FOR PROTECTIVE COATINGS) STANDARD SP-3 POWER TOOL CLEANING. INSPECT CLEAN COMPONENTS FOR FAILED OR WEAKENED STRUCTURE AND REPAIR OR REPLACE AS NECESSARY. APPLY RUST-INHIBITIVE PRIMER (AS RECOMMENDED BY MANUF. OF FINISH COATS FOR SALT ENVIRONMENT EXPOSURE) AND TWO COATS OF HEAVY DUTY ALKYD GLOSS POLYURETHANE ENAMEL. MATCH (E) COLORS OF FACILITY.
10. SURFACE PREPARATION AND REFINISHING FOR NON-METALLIC SURFACES: PRESSURE WASH ALL SURFACES AND ALLOW TO DRY. SAND AND/OR SCRAPE (E) PAINTED SURFACE TO ROUGHEN SURFACE AND REMOVE ANY PEELING, FLAKING OR OTHERWISE DEFECTIVE PAINT. APPLY TWO COATS OF EXTERIOR HOUSE AND TRIM PAINT OVER PRIMER (AS RECOMMENDED BY MANUF. OF FINISH COATS FOR SALT ENVIRONMENT EXPOSURE.) MATCH (E) COLORS OF FACILITY.
11. WOOD BENCHES AND HANDRAIL: REMOVE WOOD HANDRAILS AND DISASSEMBLE WOOD BENCHES FROM STEEL BASE AND FRAME. REFINISH HANDRAIL POSTS AND BENCH FRAMES AS DESCRIBED FOR METALLIC SURFACES. SEE NOTE 9. SAND WOOD RAILS AND BENCH PLANKS TO REMOVE FINISH. APPLY SELECTED FINISH ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. REINSTALL BENCH PLANKS TO STEEL FRAME AND BASE. REINSTALL ALL WOOD HANDRAILS TO POSTS EXCEPT AT THE WEST & EAST SIDES OF BUILDING AS SHOWN IN PLAN AND ELEVATION BELOW.
12. (N) DISPLAY BOARD: EACH OF 3 DISPLAY BOARDS INCLUDES 2 (N) BULLETIN BOARDS MOUNTED BACK-TO-BACK ON A 3/4" HDPE PANEL INSTALLED TO SPAN 3 BAYS BETWEEN THE (E) TUBE STEEL SUPPORT AND CONCRETE COLUMNS. REUSE (E) FRAMING AND STOPS WHERE FEASIBLE AND MATCH EXISTING CONSTRUCTION WHERE NEW FRAMING IS REQUIRED.
13. (N) DISPLAY CASES (QUANTITY-6) SHALL BE 60" W x 48" H EXTERIOR GRADE ALUMINUM BULLETIN BOARD CASES WITH TEMPERED GLASS, SATIN SILVER, FULL PIANO HINGE, WEATHER SEALS, AND COORDINATED LOCK CORES. [http://www.bulletinboards4sale.com/StoreModules/ProductDetails.aspx?p=Enclosed-Outdoor-Bulletin-Boards-Multiple-Doors]
14. CUSTOM CLEAR ACRYLIC LITERATURE DISPLAY/DISPENSERS FOR ROUTE BROCHURES & SCHEDULE CARDS (QUANTITY - 10). NEW DISPENSERS SHALL BE APPROX. 9"W x 12.5"H x 4"D AND ALLOW EASY ACCESS TO BROCHURES & CARDS WHILE PROTECTING THE LITERATURE FROM WEATHER DAMAGE. SEE DRAWING OF PROPOSED CUSTOM FABRICATION. MOUNT 2 DISPENSERS (FOR HIGH AND LOW ACCESS) ON EXTERIOR WHERE SPECIFIED AT CONCRETE COLUMNS. MOUNT ONE DISPENSER (FOR HIGH ACCESS) ON INTERIOR WHERE SPECIFIED AT CONCRETE COLUMNS. SEE SKETCH A1.2/DET 8.
15. (E) LED SIGN TO REMAIN. REPLACE (E) MOUNTING BRACKETS WITH (N) STAINLESS STEEL C BRACKETS. MOUNT LED SIGN PARALLEL TO THE CANOPY FASCIA.



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WATER EMERGENCY TRANSPORTATION AUTHORITY
WETA

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FMG ARCHITECTS
330 15TH STREET
OAKLAND, CA 94612

SEAL/SIGNATURE
RONALD J. FINGER
REN. 12/31/2015
NO. C11001
STATE OF CALIFORNIA

DESIGNED BY: ST
DRAWN BY: ST
CHECKED BY: RF

PROJECT
**ALAMEDA HARBOR FERRY
TERMINAL ALAMEDA, CA**

SHEET
BUILDING MODIFICATIONS PLANS AND SECTIONS

DATE
8/01/2014

SHEET OF #
A1.1

DRAWING NO.
2045

V:\acaddata\1308-02 Harbor Bay\A1.1 TERMINAL BUILDING MODIFICATION PLANS AND SECTIONS.dwg 7/30/2014 9:53 AM SAHOKO



1 **3**
TERMINAL BUILDING
 NO SCALE



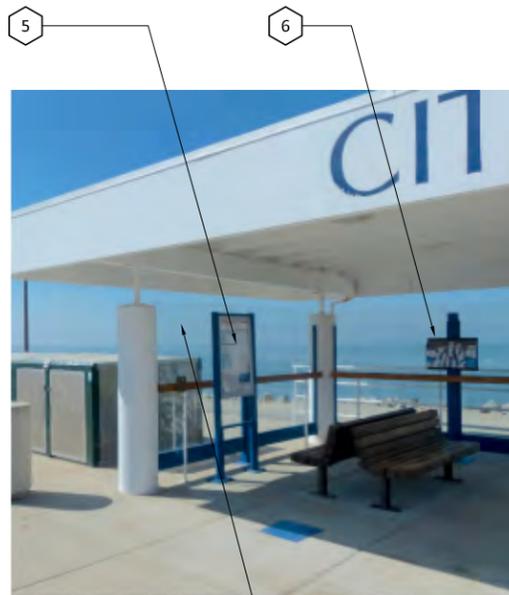
8 **9** **10**
RUST CORROSION
 THROUGHOUT BUILDING



11
WOOD ON BENCHES &
EXTERIOR HANDRAILS



4
GLAZING & FRAMING



5 **6**
LITERATURE DISPLAY/
DISPENSER



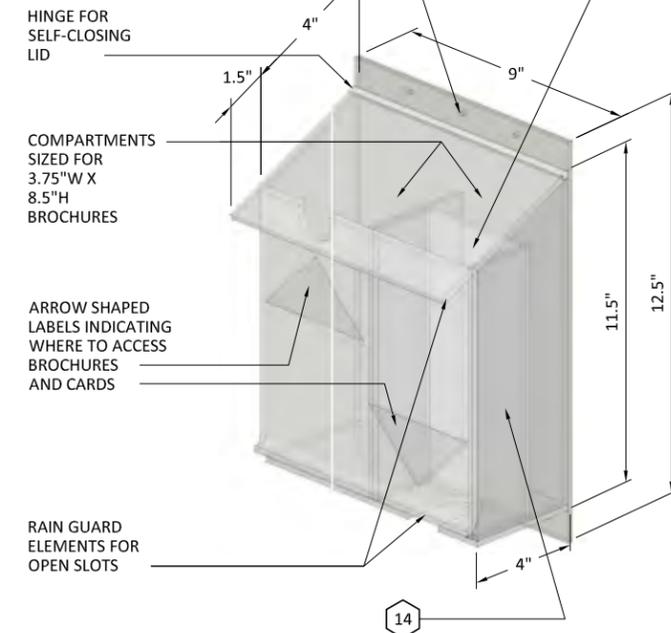
12 **13**
WEST SIDE EXTERIOR



15
LED SIGN

PRE-DRILLED HOLES FOR SCREW MOUNTING ON VERTICAL SURFACES, 3 HOLES AT TOP & 3 AT BOTTOM. ANCHOR ONTO CONCRETE COLUMNS WITH LIGHT-DUTY CONCRETE FASTENERS.

COMPARTMENT SIZED FOR BUSINESS CARDS WITH SLOT AT BOTTOM FOR DISTRIBUTION OF CARDS. SHIM SIDES AS NECESSARY FOR SNUG FIT.



14
SKETCH OF (N) CUSTOM
LITERATURE DISPENSER

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C	08/01/14	100% SUBMITTAL/PERMIT	ST	RF	CG



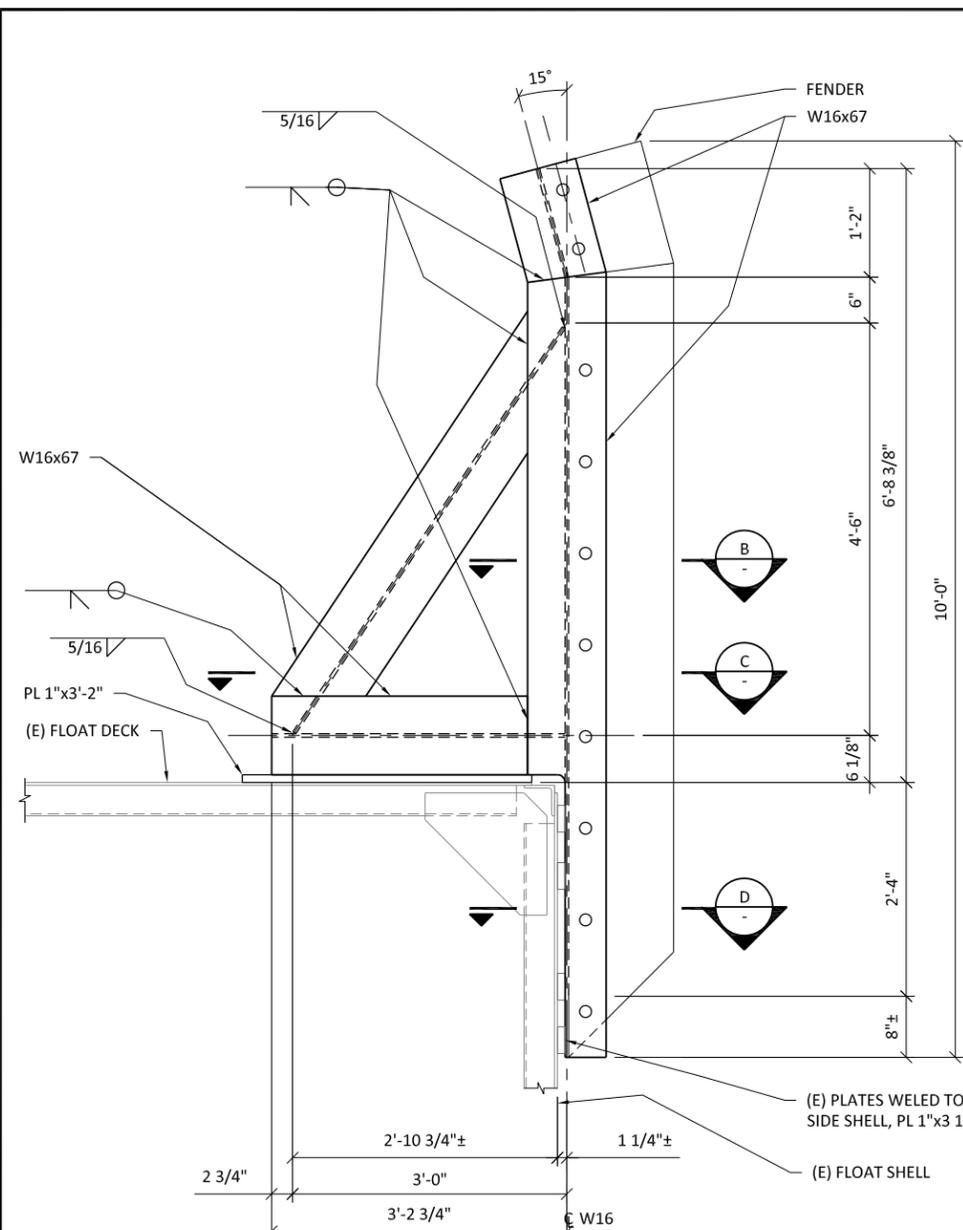
DESIGNED BY: ST
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PROJECT: ALAMEDA HARBOR FERRY TERMINAL ALAMEDA, CA
 SHEET: TERMINAL BUILDING PHOTOS AND LITERATURE DISPENSER

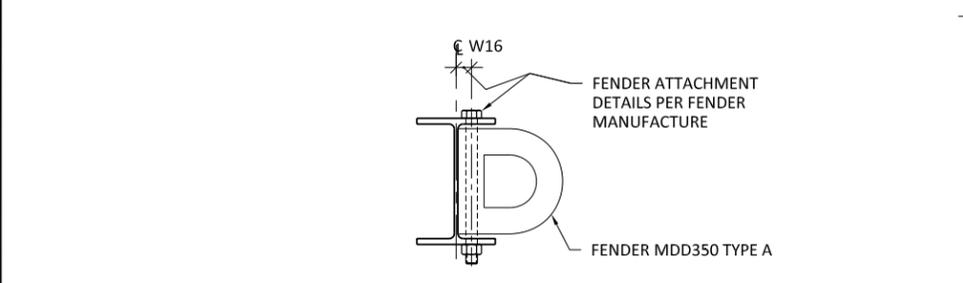
DATE: 8/01/2014
 SHEET: OF #
 DRAWING NO.: A1.2
 JOB NO.: 2045

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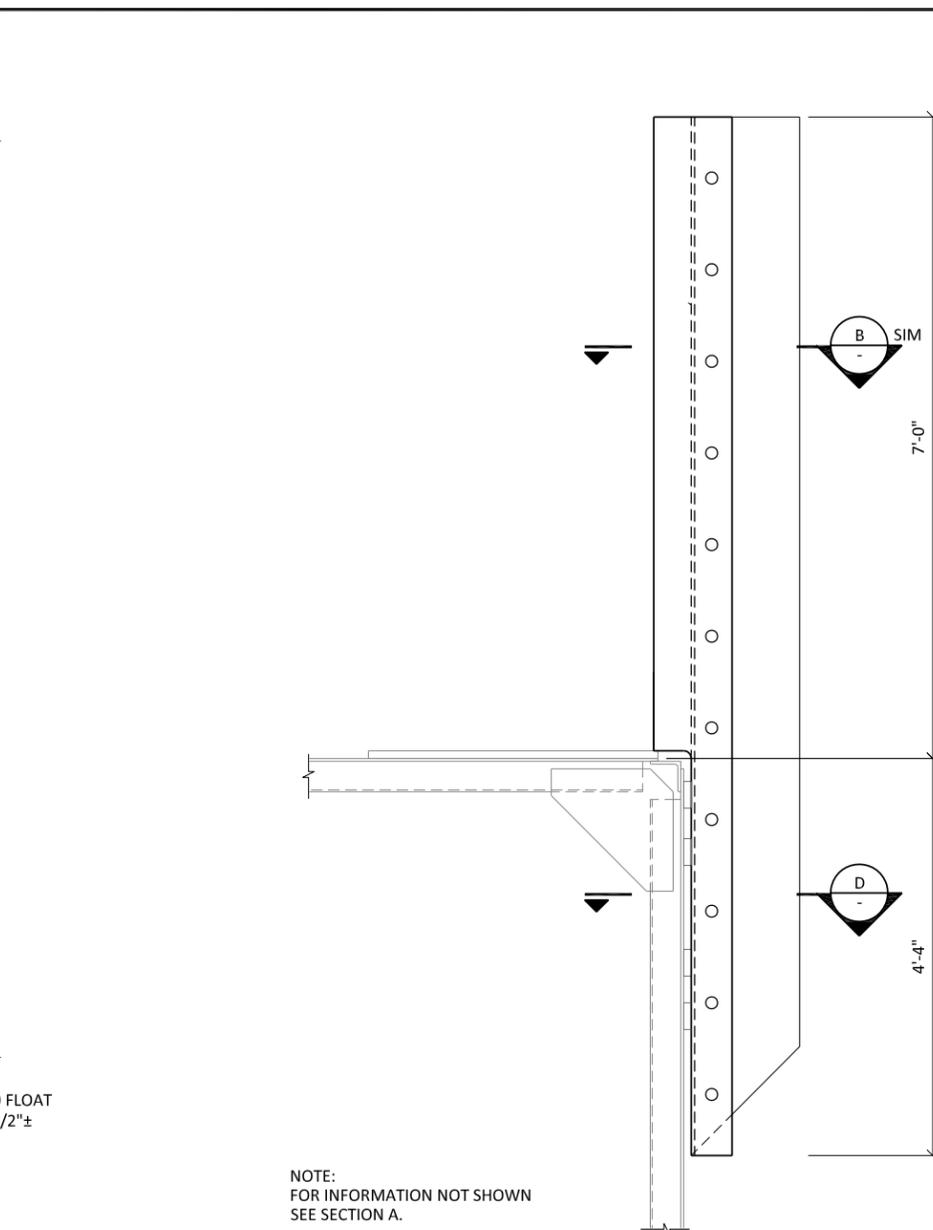
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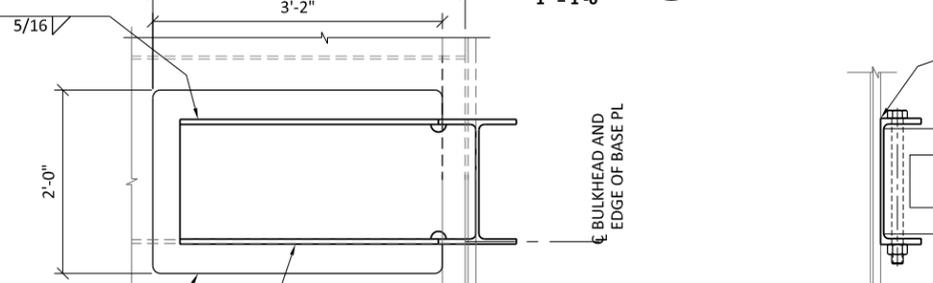
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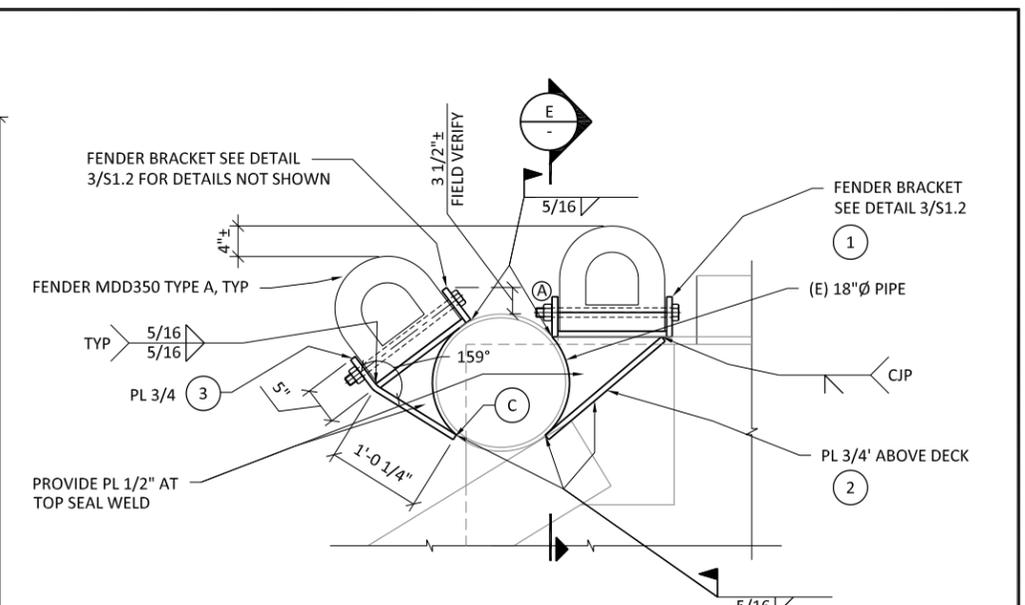
SECTION B
1" = 1'-0"



SECTION C
1" = 1'-0"

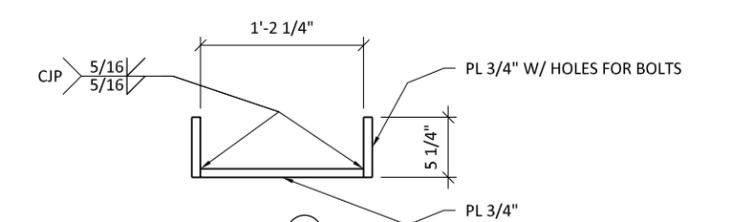


SECTION D
1" = 1'-0"



DETAIL 2
1" = 1'-0"

- INSTALLATION NOTES:
1. SET PIECE ① AGAINST (E) 1" PLATE ON SIDE SHELL AND (E) 18"Ø PILE.
 2. CHECK CLEARANCE FOR BOLTS AT ①.
 3. WELD PIECE ① TO (E) 1" PLATES.
 4. INSTALL PIECE ②



DETAIL 3
1'-1/2" = 1'-0"

NOTE:
FOR INFORMATION NOT SHOWN
SEE SECTION A.

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C	08/01/14	100% SUBMITTAL/ PERMIT SET	AH	LMO	CAM
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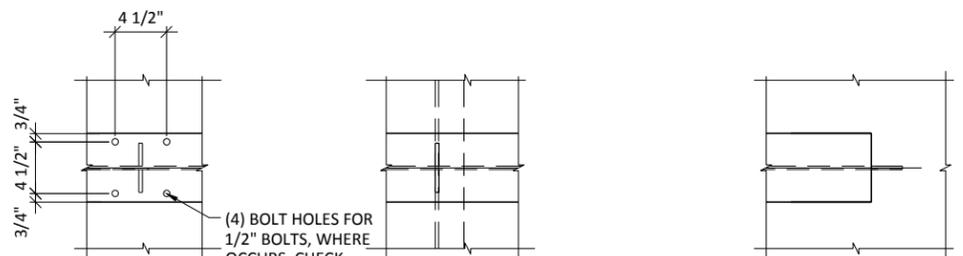


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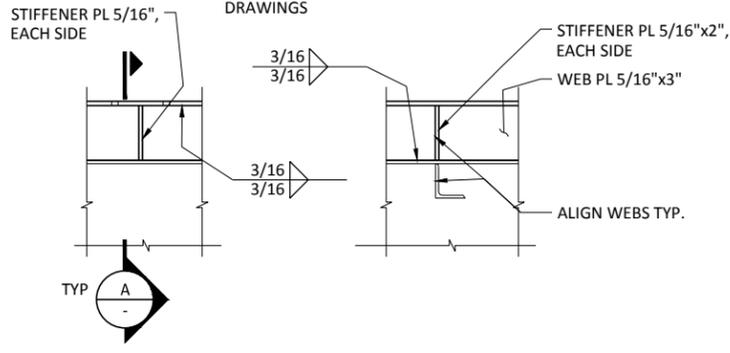
PROJECT	ALAMEDA HARBOR BAY TERMINAL ALAMEDA, CA
SHEET	FENDER REPLACEMENT
DATE	8/21/2014
SHEET OF	S1.2 #
DRAWING NO.	S1.2
JOB NO.	2045

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C:\2045\Drawings\Current\Harbor Bay\S1.2 FENDER REPLACEMENT.dwg 8/21/2014 1:33 PM LEAH M. OLSON

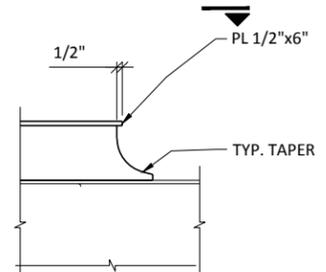


(4) BOLT HOLES FOR 1/2" BOLTS, WHERE OCCURS. CHECK BOLTS FOR CLEARANCE. ISOLATE DISIMILER MATERIAL SEE TOPPER DRAWINGS

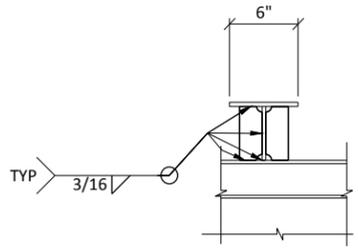


AT RAMP POST

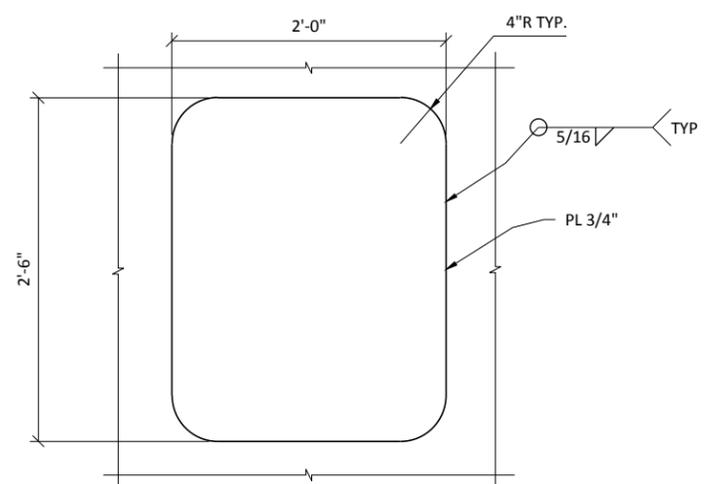
AT DECK ANGLES CLOSEST TO RAMP POSTS



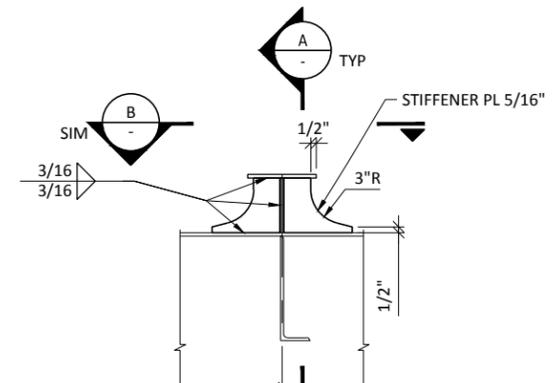
AT ENDS



SECTION
1-1/2" = 1'-0" $\frac{A}{-}$

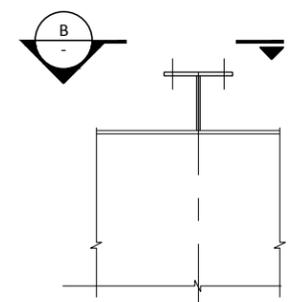


DETAIL
1 1/2" = 1'-0" $\frac{2}{S1.1 | S1.3}$



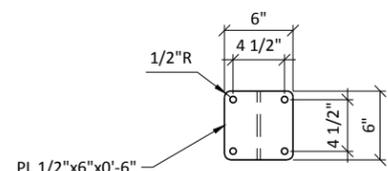
NOTE:
1. FOR INFORMATION NOT SHOWN SEE DETAIL 1/S1.3

DETAIL
1-1/2" = 1'-0" $\frac{3}{S1.1 | S1.3}$



NOTE:
1. FOR INFORMATION NOT SHOWN SEE DETAIL 1/S1.3

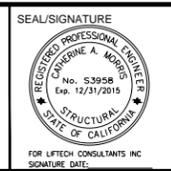
DETAIL
1-1/2" = 1'-0" $\frac{4}{S1.1 | S1.3}$



DETAIL
1-1/2" = 1'-0" $\frac{B}{-}$

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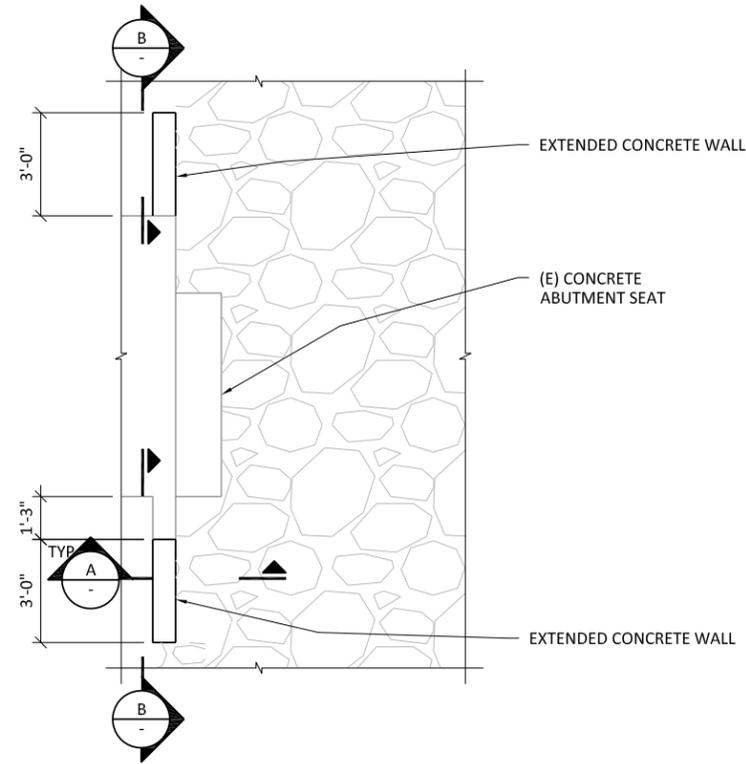
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DRAWN BY:	AH
CHECKED BY:	LMO

PROJECT	ALAMEDA HARBOR BAY TERMINAL ALAMEDA, CA
SHEET	RAMP SUPPORT DETAILS
DATE	----
SHEET OF	S1.3 #
DRAWING NO.	S1.3
JOB NO.	2045

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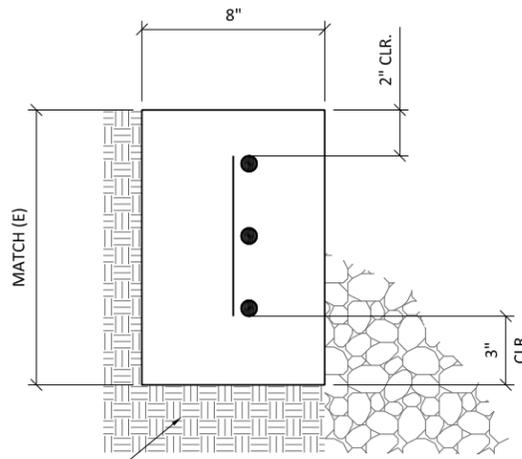
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\\moa2045\2045\dwg\Current\Harbor Bay\S1.3 RAMP SUPPORT DETAILS.dwg 8/4/2014 12:08 PM ALVIN HOFFPAUIR



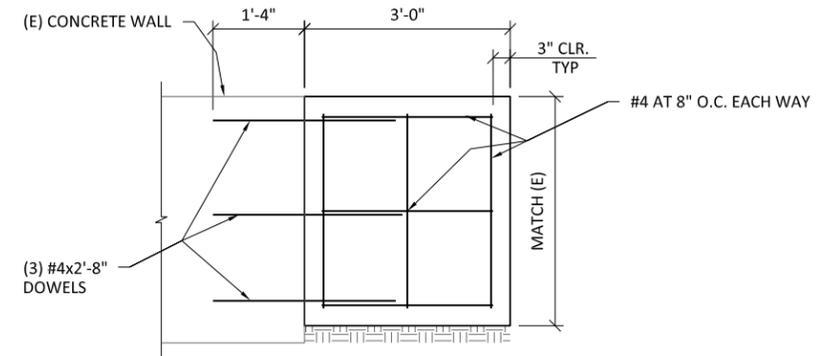
NOTE:
LEVEL ADJACENT SOIL AROUND PIER
APPROACH RAMP TO ADA GUIDELINES

DETAIL 1
3/8" = 1'-0"
G4.1 | S1.4

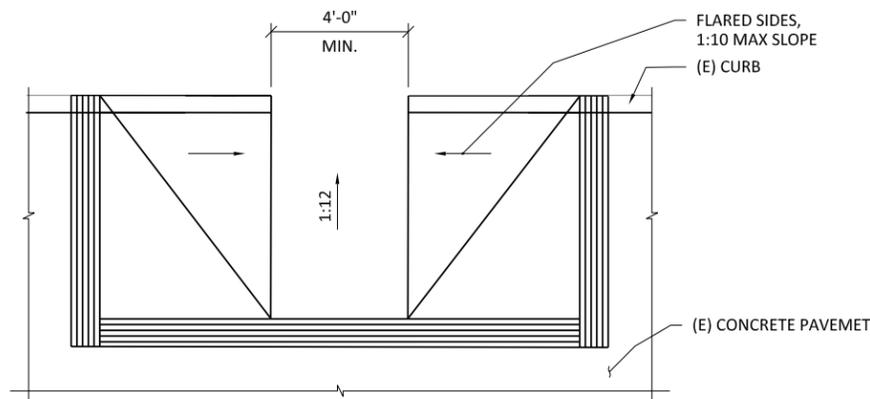


COMPACTED SUBGRADE, TYP.
EXCAVATE 1'-0" MIN BELOW
GRADE. SEE SPECIFICATIONS
02315 FOR ADDITIONAL
INFORMATION

SECTION A
3" = 1'-0"



SECTION B
3/4" = 1'-0"



DETAIL 2
3/8" = 1'-0"
G4.1 | S1.4

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D	08/20/14	100% RESUBMITTAL/ PERMIT SET	LMO	CAM	CAM



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344-20th Street, Suite 360,
Oakland, Ca 94610 (510)832-5606 PH 2045



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LMO

PROJECT
**ALAMEDA HARBOR BAY
TERMINAL ALAMEDA, CA**
SHEET
MISCELLANEOUS DETAILS

DATE	----
SHEET OF	S1.4 #
DRAWING NO.	S1.4
JOB NO.	2045

C:\2045\Draw\Current\Harbor Bay\S1.4 Miscellaneous Details.dwg 8/20/2014 3:38 PM LEAH M. OLSON

GENERAL CONSTRUCTION NOTES

- THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL PERMITS AND PAY ALL FEES.
- ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING RATING NOT LESS THAN THE MAXIMUM SHORT CIRCUIT CURRENT TO WHICH THEY MAY BE SUBJECTED.
- ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BEAR THE LABEL OF A NATIONALLY RECOGNIZED TESTING AGENCY AND SHALL BE INSTALLED IN THE MANNER FOR WHICH IT IS DESIGNED AND APPROVED.
- ALL MATERIAL, INCLUDING PULL BOXES, CONDUIT BODIES, FITTINGS AND MOUNTING HARDWARE INSTALLED OUTSIDE AND ON DOCKS SHALL BE APPROVED WEATHERTIGHT CORROSION RESISTANT (STAINLESS STEEL OR NON-METALLIC), UNLESS NOTED OTHERWISE.
- UNLESS NOTED OTHERWISE, ALL PANEL BUSES, FEEDER CONDUCTORS AND BRANCH CIRCUIT WIRING SHALL BE COPPER. ALL WIRE SHALL BE UL LISTED, RATED FOR 600 VOLTS, NO. 12 MINIMUM SIZE.
- THE ELECTRICAL CONTRACTOR SHALL INSTALL ALL CONDUITS AND WIRES WITH A MINIMUM NUMBER OF BENDS AND IN SUCH A MANNER AS TO CONFORM TO THE STRUCTURE. AVOID OBSTRUCTIONS, AND MEET ALL STRUCTURAL CODE REQUIREMENTS. THESE DRAWINGS ARE PRIMARILY DIAGRAMMATIC, AND DO NOT SHOW ALL SUCH REQUIRED BENDS, OFFSETS, FITTING, BOXES, ETC..
- THE ELECTRICAL CONTRACTOR SHALL NOT BORE, NOTCH OR IN ANY WAY CUT INTO ANY STRUCTURAL MEMBER, WITHOUT APPROVAL FROM THE STRUCTURAL ENGINEER. THE ELECTRICAL CONTRACTOR SHALL PROVIDE SUPPORT FOR ALL ELECTRICAL EQUIPMENT TO COMPLY WITH THE REQUIREMENTS OF THE LATEST ADOPTED UNIFORM BUILDING CODE AND ALL LOCAL ORDINANCES.
- THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY NATIONAL ELECTRICAL CODE. ALL PVC POWER CONDUITS SHALL HAVE A CODE SIZED GROUND WIRE INSTALLED.
- THE ENTIRE WIRING SYSTEM SHALL BE TESTED FOR SHORT CIRCUITS, GROUNDS AND INSULATION RESISTANCE BETWEEN CONDUCTORS AND TO GROUND.
- THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUITS, WIRES, BOXES, SWITCHES, LIGHT FIXTURES (WITH LAMPS), RECEPTACLES, SERVICE DEVICES, SWITCHBOARDS AND PANEL BOARDS REQUIRED FOR A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM.
- PROVIDE ENGRAVED PLASTIC NAMEPLATES ON ALL DISTRIBUTION EQUIPMENT AND PANELS, SECURED BY MEANS OF STAINLESS STEEL RIVETS. TAPES AND ADHESIVES ARE NOT ACCEPTABLE.
- PROVIDE A PULL WIRE IN ALL EMPTY CONDUITS.
- CONDUITS SHALL BE LISTED PVC SCHEDULE 80 IN FIXED PIERS AND FLOATING DOCKS AND EMT WHERE PROTECTED IN BUILDING INTERIOR. EXPOSED EXTERIOR CONDUIT ABOVE GRADE SHALL BE RIGID GALVANIZED STEEL.
- LANDSIDE PULLBOXES SHALL BE PRECAST CONCRETE, WITH TRAFFIC COVER PERMANENTLY MARKED "ELECTRICAL", AS REQUIRED.
- DOCK PULL BOXES SHALL BE CORROSION RESISTANT, LISTED, FIBERGLASS OR PVC, AND SIZED AS REQUIRED.
- UNITIZED POWER PANEL SHALL BE DESIGNED AND CONSTRUCTED FOR A MARINE ENVIRONMENT, UL LISTED, COPPER BUSES, NEMA 4X, RATED AS SHOWN ON THE ONE-LINE DIAGRAM, ESL (ELECTRICAL SYSTEMS LIMITED), OR ENGINEER APPROVED EQUIVALENT.
- PROVIDE UTILITY PEDESTALS AS SPECIFIED IN THE SYMBOL LIST, THIS SHEET. FOR EACH UTILITY PEDESTAL, PROVIDE FEEDER LUGS SIZED LARGE ENOUGH TO ACCOMMODATE THE CONDUCTORS FEEDING THE PEDESTAL.
- PROVIDE FOR CONDUIT EXPANSION AND CONTRACTION WHERE NECESSARY.

ABBREVIATIONS

A	AMPERE	MV	MEDIUM VOLTAGE
AC	ALTERNATING CURRENT	N	NEUTRAL
AF	AMPERE RATING OF FUSE	-N-	NEW
AFF	ABOVE FINISHED FLOOR	N.E.C.	NATIONAL ELECTRICAL CODE
C	CONDUIT	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
CKT	CIRCUIT	NEUT	NEUTRAL
D	DEDICATED	NIC	NOT IN CONTRACT
ELEC	ELECTRICAL	NTS	NOT TO SCALE
EM	EMERGENCY	PB	PULL BOX
EMT	ELECTRICAL METALLIC TUBING	PNL	PANEL
-F-	FUTURE	RSC	RIGID STEEL CONDUIT
FACP	FIRE ALARM CONTROL PANEL	SLD	SINGLE LINE DIAGRAM
FATC	FIRE ALARM TERMINAL CAN	SPEC	SPECIFICATION
G	GROUNDING CONDUCTOR	TYP	TYPICAL
GFI	GROUND FAULT INTERRUPTER	TV	TELEVISION
GND	GROUND	UG	UNDERGROUND
HP	HORSEPOWER	UON	UNLESS OTHERWISE NOTED
kVA	KILOVOLT AMPS	V	VOLT
kW	KILOWATTS	VP	VANDAL PROOF
LTG	LIGHTING	W	WATTS
LTS	LIGHTS	WP	WEATHERPROOF (NEMA 3R)
L.V.	LOW VOLTAGE	WT	WATERTIGHT
MECH	MECHANICAL	XFMR	TRANSFORMER
MTD	MOUNTED		

SYMBOLS

- BRANCH CIRCUIT WIRING IN CONDUIT CONCEALED IN CEILING OR WALL.
- BRANCH CIRCUIT WIRING IN CONDUIT CONCEALED UNDER WALKWAY
- DUPLEX RECEPTACLE 20A, WITH GROUND FAULT CIRCUIT INTERRUPTER, +15" (UON). (WP=WEATHERPROOF)
- JUNCTION BOX
- DOOR OPERATOR SWITCH
- SECURITY CAMERA

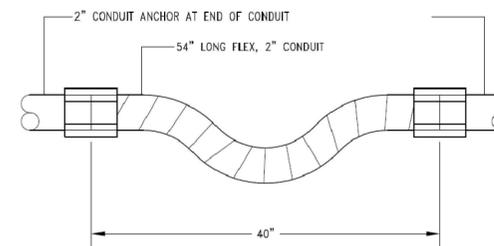
LIGHT FIXTURE SCHEDULE

Symbol	Type	Manufacturer	Model	Lamping	Mounting	Control	Voltage	Max VA	Notes
○	A	LUMINAIRE LIGHTING	ARV13-LED-4000-120-CP-GRY-EMBR125R-SHCAB-PC	Integrated LED	Mounted to ceilings		120	25	SURFACE CEILING MOUNTED LED DOWNLIGHT DIE CAST MARINE GRADE ALUMINUM HOUSING WITH INTEGRAL DRIVER VANDAL RESISTANT AND UL WET LABEL

- NOTES:
- COORDINATE WITH ARCHITECT FOR OWNER FOR EXACT LOCATION, MOUNTING HEIGHTS AND MOUNTING REQUIREMENTS FOR ALL LIGHT FIXTURES
 - COORDINATE WITH ARCHITECT OR OWNER FOR ALL LIGHT FIXTURE FINISHES PRIOR TO ORDERING OF FIXTURES
 - ALL FIXTURES LAMP TEMPERATURE SHALL BE UNIFORM TYPE TO MATCH EXISTING LIGHTING IN THE ARE. COORDINATE WITH OWNER.
 - ALL LAMP BALLASTS OF THE SAME TYPE SHALL BE THE SAME MANUFACTURER, RATINGS, COLOR, AND BALLAST FACTOR.

APPLICABLE CODES

- 2010 BUILDING STANDARD ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
- 2010 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.; (2009 INTERNATIONAL BUILDING CODE VOLUMES 1-2 & 2010 CALIFORNIA AMENDMENT)
- 2010 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.; (2008 NATIONAL ELECTRICAL CODE & 2010 CALIFORNIA AMENDMENT)
- 2010 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.; (2009 UNIFORM MECHANICAL CODE & 2010 CALIFORNIA AMENDMENT)
- 2010 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.; (2009 UNIFORM PLUMBING CODE & 2010 CALIFORNIA AMENDMENT)
- 2010 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.;
- 2010 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.;
- (2009 INTERNATIONAL FIRE CODE & 2010 CALIFORNIA AMENDMENT)
- 2010 CALIFORNIA "GREEN" BUILDING REQUIREMENTS, PART 11, TITLE 24 C.C.R. (PENDING ADOPTION)
- 2010 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 C.C.R. (2009 INTERNATIONAL EXISTING BUILDING CODE AND 2010 CALIFORNIA AMENDMENTS)
- 2010 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24, C.C.R.
- TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS



- NOTES:
- SEE PLANS FOR LOCATIONS OF CONDUIT/SEISMIC JOINT CROSSING/LOCATIONS. (FOR SEISMIC JOINT #1 & #2)

1 TYPICAL CONDUIT/SEISMIC JOINT CROSSING DETAIL

SCHEMATIC

SHEET INDEX

- | | |
|------|---------------------------------------|
| E0.1 | ELECTRICAL TITLE SHEET |
| E2.1 | ELECTRICAL SITE ELECTRICAL DEMOLITION |
| E2.2 | ELECTRICAL SITE ELECTRICAL PLAN |
| E2.3 | CANOPY PHOTOMETRICS |

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ELECTRICAL TITLE SHEET

DATE

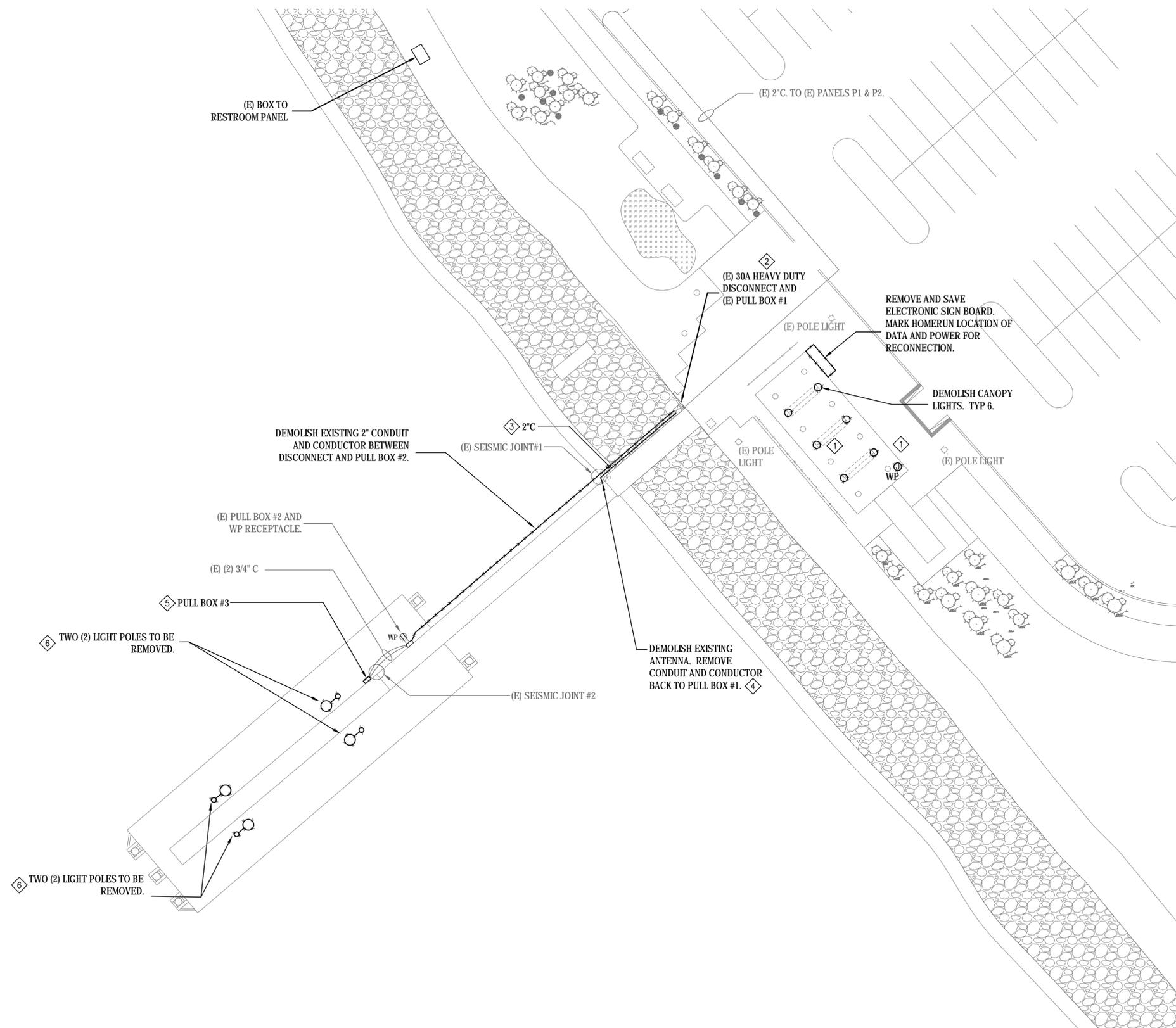
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E0.1

JOB NO.

SHEET NOTES

- 1 DEMOLISH (6) SIX CANOPY LIGHTS. REMOVE CONDUIT BACK TO JUNCTION BOX SHOWN. DEMOLISH JUNCTION BOX. TO BE REPLACED WITH NEW.
- 2 (E) PNL P1, 20A/2P CIRCUIT BREAKER IS FEEDING (E) FERRY TERMINAL DOCK LIGHTING VIA (E) PULL BOX #1 AND PULL BOX #2. CONTRACTOR TO VERIFY (E) FIELD CONDITIONS.
- 3 (E) RUSTY 2" C TO BE REPLACED WITH (N) BETWEEN (E) PULL BOX #1 AND SEISMIC JOINT #1 AREA.
- 4 (E) PNL P2, 20A/1P CIRCUIT BREAKER IS FEEDING (E) FERRY TERMINAL ANTENNA VIA (E) PULL BOX #1. CONTRACTOR TO VERIFY (E) FIELD CONDITIONS. (E) ANTENNA WILL BE DEMOLISHED. (E) BRANCH CIRCUIT TO BE RE-USED FOR NEW LIGHTING.
- 5 DEMOLISH PULL BOX #3, TO BE REPLACED WITH NEW. EXTEND FEEDERS TO NEW LOCATION. DISCONNECT EXISTING BRANCH CIRCUITS AND PROTECT. RECONNECT CIRCUITS TO NEW DEVICES.
- 6 (E) PNL P2, 20A CIRCUIT BREAKER IS FEEDING (E) FLOAT POLE LIGHTING. CONTRACTOR TO VERIFY (E) FIELD CONDITIONS. (E) POLE LIGHTING TO BE DEMOLISHED. (E) BRANCH CIRCUIT TO BE RE-USED FOR NEW FLOAT LIFTS.



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SHEET ELECTRICAL SITE DEMOLITION PLAN

DRAWING NO. E2.1

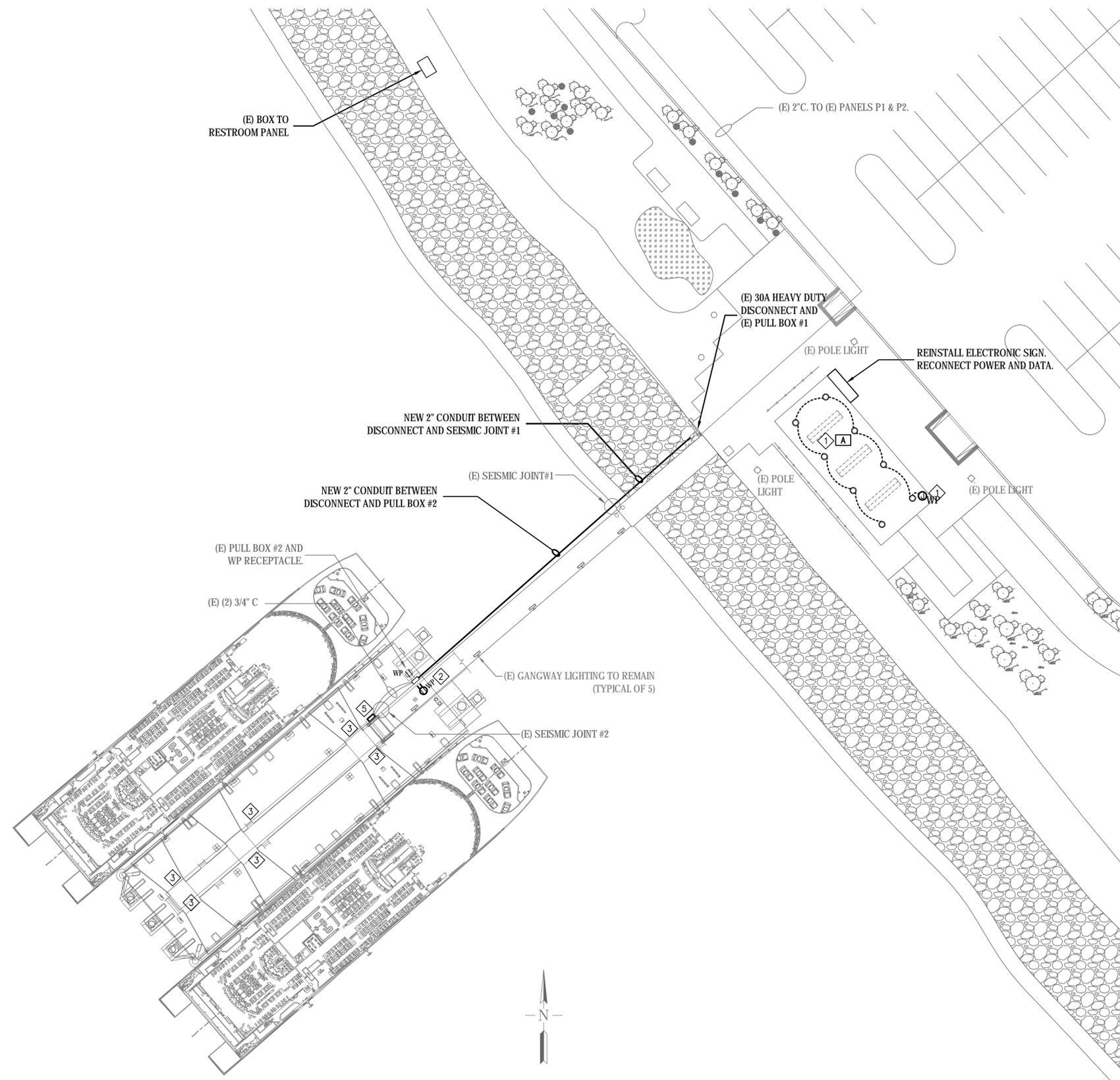
DATE SHEET OF JOB NO.

GENERAL ELECTRICAL NOTES

- A. VERIFY EXACT LOCATION OF LIGHT FIXTURES WITH OWNER OR ARCHITECT.
- B. PROVIDE CONDUIT AND WIRE FOR CIRCUITING. CONDUIT SHALL BE PVC COATED GALVANIZED RIGID STEEL CONDUIT
- C. WALKWAY WILL BE REMOVED AND REPLACED. COORDINATE WITH STRUCTURAL DRAWINGS FOR ALL SEISMIC JOINTS.
- D. CONTRACTOR TO VERIFY ALL (E) ELECTRICAL CONDITIONS IN FIELD.
- E. ALL ELECTRICAL EQUIPMENT ARE (N), U.O.N. AS (E) EXISTING. REFER TO DEMO PLAN E2.1.
- F. ALL EXTERIOR DEVICES SHALL BE WEATHERPROOF TYPE (WP), TYPICAL UNLESS OTHERWISE NOTED.
- G. ELECTRICAL CONTRACTOR TO PROVIDE ARC FLASH PROTECTION MARKING/LABEL TO ELECTRICAL EQUIPMENTS (i.e. PANELBOARDS) REQUIRING EXAMINATION OR SERVICING WHILE ENERGIZED PER CEC 110.16. LOCATION TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS EXAMINING OR SERVICING THE EQUIPMENT.
- H. MATERIALS AND EQUIPMENT SHALL BE LISTED AND/OR LABELED BY UL, ETL, CSA OR ANOTHER NATIONALLY RECOGNIZED TESTING LABORATORY.
- I. NEW AND EXISTING LIGHTING SHALL BE PHOTOCELL AND TIMECLOCK CONTROLLED IN ACCORDANCE WITH SPECIFICATION SECTION 16520. CONTRACTOR TO VERIFY EXISTING CONDITIONS IN FIELD.

SHEET NOTES

- 1 FURNISH AND INSTALL EIGHT (8) FIXTURE 'A' LIGHTS AT CANOPY WAITING AREA. ROUTE NEW 3/4" + 3#12 + #12GND ON EXISTING CIRCUIT FOR LIGHTS FROM NEW WEATHERPROOF JUNCTION BOX. CONNECT TO EXISTING CONTROL.
- 2 FURNISH AND INSTALL 120V POWER AND NEW WEATHERPROOF, GFCI RECEPTACLE FOR RAMP CONTROLLER. EXTEND POWER FROM EXISTING WEATHERPROOF RECEPTACLE. COORDINATE WITH TOPPER FOR FINAL INSTALLATION LOCATION. EXTEND CIRCUIT IN MINIMUM 3/4" + 3 #12 + #12 GND TO NEW RECEPTACLE.
- 3 NEW LED RAIL LIGHTING PROVIDED BY PLATFORM SUPPLIER. UTILIZE ABANDON ANTENNAE CIRCUIT TO SUPPLY POWER TO NEW LED LIGHTING CONNECTION BOXES. SEE TOPPER DRAWINGS FOR LOCATIONS. EC TO VERIFY CIRCUIT CAPACITY PRIOR TO PERFORMING CONNECTION.
- 4 NOT USED
- 5 FURNISH AND INSTALL NEW PULL BOX #3. PULL BOX SHALL BE MINIMUM 14"X14"X12", MARINE GRADE. COORDINATE WITH STRUCTURAL FOR LOCATION.



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ELECTRICAL SITE PLAN

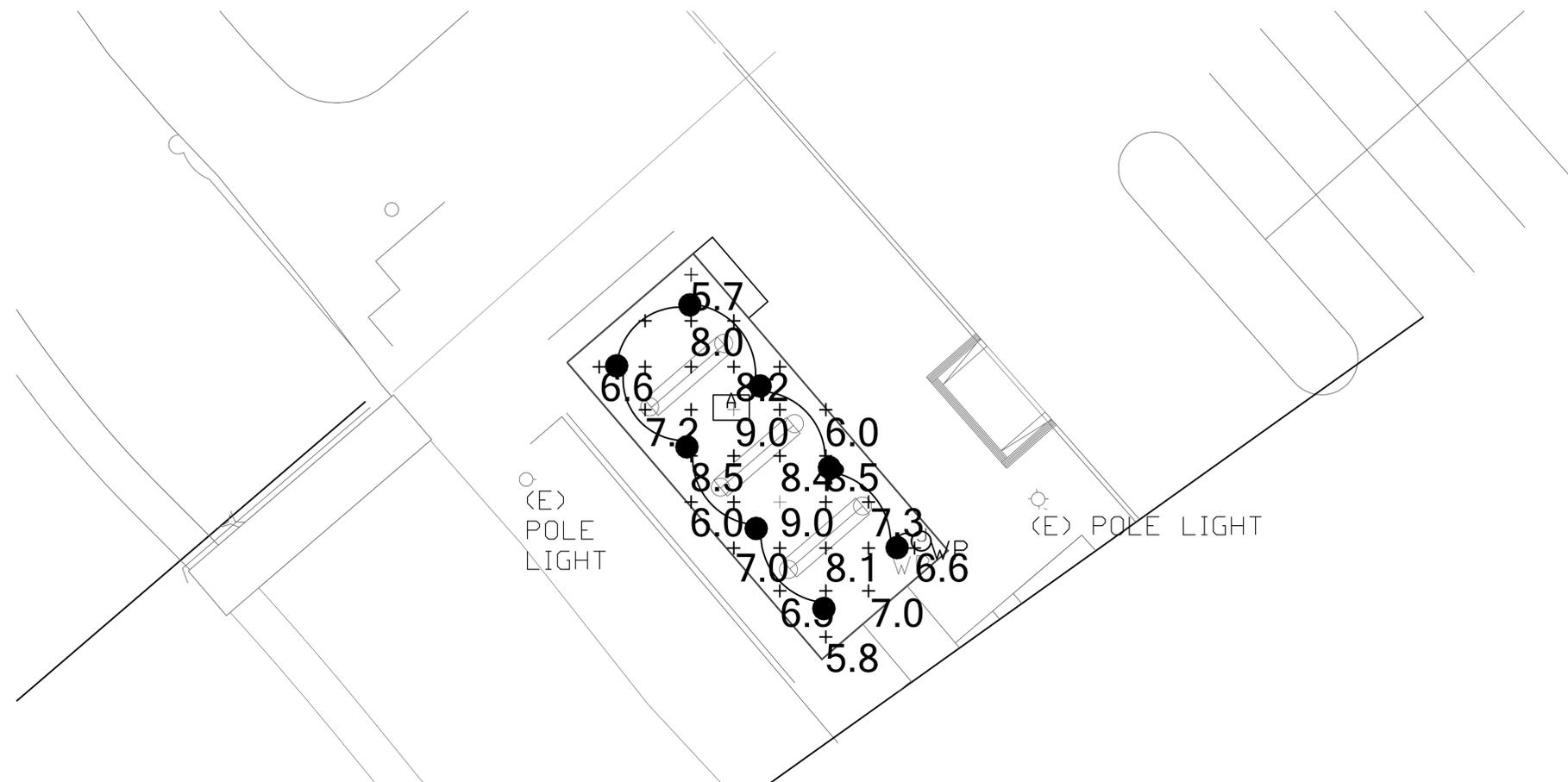
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JOB NO.



CANOPY AREA PHOTOMETRICS
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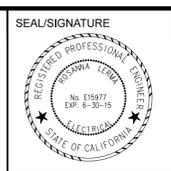
Statistics							
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	Avg/Max
Calc Zone #1	+	7.6 fc	9.0 fc	5.7 fc	1.6:1	1.3:1	0.8:1

Luminaire Schedule											
Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens per Lamp	LLF	Wattage
	A	8	LUMINAIRE LED	1309101252-001 MOD: ARV13-25W HP-4000K-OP	SURFACE / CANOPY MOUNT LED	LED	1	ARV13-25W HP-4000K-OP.IES	1688.29	0.88	24.9

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