

DOCKETED

Docket Number:	00-AFC-01C
Project Title:	Contra Costa Power Plant Project Compliance
TN #:	202372
Document Title:	Petition for Insignificant Proj Change_Additional Steam Turbine Decking
Description:	N/A
Filer:	Angel B. Espiritu
Organization:	PG&E Gateway Generating Station
Submitter Role:	Public Agency
Submission Date:	5/23/2014 9:42:43 AM
Docketed Date:	5/23/2014



**Pacific Gas and
Electric Company®**

Mailing Address:
Pacific Gas & Electric Company
Gateway Generating Station
3225 Wilbur Ave.
Antioch, CA 94509
(925) 522-7801

March 18, 2014

Ms. Christine Stora
Compliance Project Manager
California Energy Commission
1516 Ninth Street, MS-2000
Sacramento, CA 95814

Reference: PG&E Gateway Generating Station (00-AFC-01C)

Subject: PETITION FOR INSIGNIFICANT PROJECT CHANGE TO PLANT FACILITY

Dear Ms. Stora

Enclosed is a PETITION FOR INSIGNIFICANT PROJECT CHANGE TO PLANT FACILITY to install additional grating-type decking on the north side of the Steam Turbine structure, and to relocate area lighting and associated electrical power supply wiring and conduits. Relevant design drawings and construction plan are also enclosed.

We have reviewed Commission Decision (00-AFC-1), and we believe that the above requested insignificant project change will not result in any new environmental impacts or require any modification to the existing Conditions of Certification contained in the Final Decision. However, we decided to submit the enclosed petition in an abundance of caution. If you have any questions regarding this matter, please contact Angel Espiritu at (925) 522-7838.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Benjamin E. Stanley', written over a horizontal line.

Benjamin E. Stanley
Senior Plant Manager

Enclosure: a/s

Cc: File

**PETITION FOR INSIGNIFICANT PROJECT CHANGE
AT
GATEWAY GENERATING STATION (GGS)**

1. Installation of Additional Decking on North Side of Steam Turbine Deck:

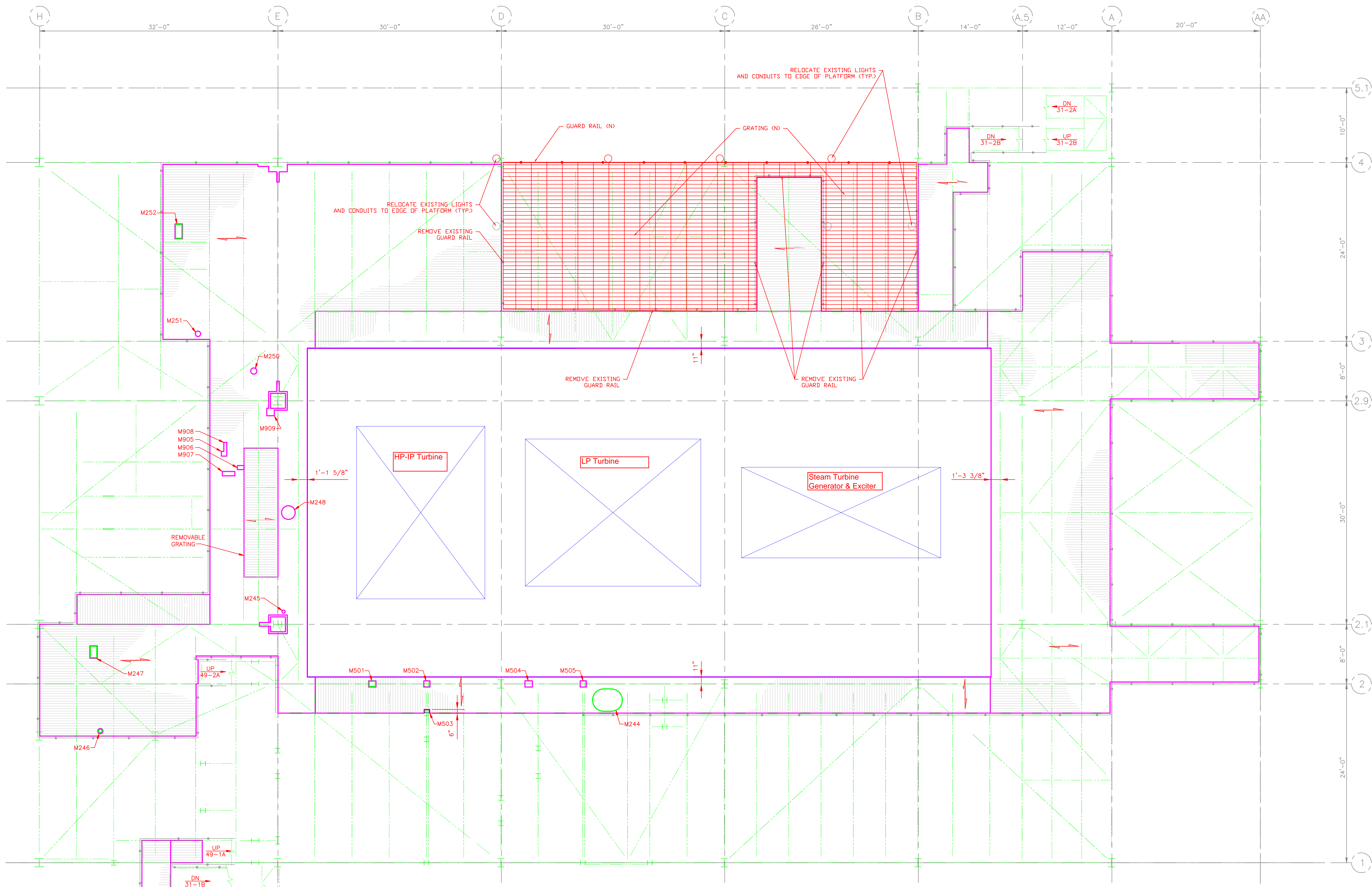
The current GGS steam turbine deck configuration has 2 open areas on its north side which were not originally fitted with grating-type decking during plant construction -- see proposed grating addition areas marked in red in upper half of Figure 1 (see attached drawing).

- a. Description of Modification: PG&E proposes to: 1) Relocate the area lighting and associated electrical power supply conduit runs currently located along the perimeter of the cited open Steam Turbine Deck areas; 2) Install grating in the areas marked in red as depicted in Figure 1.
- b. Necessity for the Modification: The proposed decking addition will provide improved foot traffic access on the north side of the Steam Turbine Deck as well as increasing the area of deck available for staging work tables, spare parts, consumables and various types of work equipment. This decking modification will be especially useful for purposes of providing a larger working area and more freely accessible foot traffic passage, compared to the current Steam Turbine Deck configuration, during the steam turbine maintenance and inspection work window planned for the upcoming station Spring 2014 Outage.
- c. Modification was not known at the time of Certification: The need for this modification became apparent approximately five years after GGS was commissioned during the course of planning for the anticipated logistical requirements associated with the Spring 2014 Outage steam turbine maintenance and inspection work window.
- d. If the modification is based on new information that changes or undermines the assumptions, rationale, findings, or other bases of the final decision, an explanation of why the change should be permitted: The modification does not change or undermine in any way the assumptions, rationale, findings, or other basis of the CEC Final Decision (00-AFC-1).
- e. Analysis of the impacts the modification may have on the environment: No environmental impacts are anticipated due to implementing the proposed modification, as the decking to be added will be treated with a standard industrial coating to mitigate any environmental degradation (i.e., corrosion) to which it may be subject due to the ambient environment.
- f. Analysis of the impact of the modification on the facility's ability to comply with applicable laws, ordinances, regulations, and standards: The proposed

modification does not impact the facility's ability to comply with applicable laws, ordinances, regulations and standards, based on its nature as described above.

- g. A discussion of how the proposed modification affects the public:
This modification will have no adverse effect on the public. The change will not likely be noticeable to the public as it will have a low visibility profile configuration, due to visually insignificant changes being made in the Steam Turbine Deck structure.
- h. Property owners potentially affected by the modification:
For the reasons stated above, it is anticipated that no property owners will be affected by this proposed modification.

Chow Engineering, Inc. 3/10/2014 11:47 AM 14R-107 S.X.dwg



CONCEPTUAL PLAN

SCALE: NTS

FIGURE 1

REVISIONS

DATE



CHOW ENGINEERING, INC.
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Phone: (510) 636-8500 Fax: (510) 636-8544
Web: www.choweng.com E-Mail: info@choweng.com

SHEET TITLE: **NEW STEAM TURBINE DECK**
FOR REFERENCE ONLY
NOT FOR CONSTRUCTION

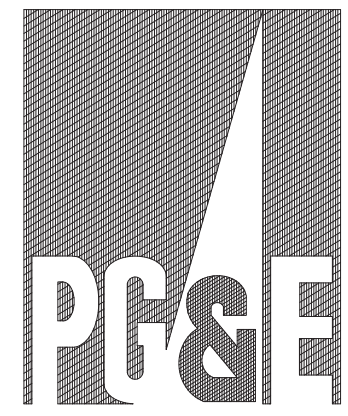
OWNER: **PACIFIC GAS & ELECTRIC COMPANY**
GATEWAY GENERATING STATION
ANTIOCH, CA. 94509

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DATE	03/10/14
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JOB NO.	14R-107
SCALE	NTS
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SHEET No. 1 OF 1
REV. -



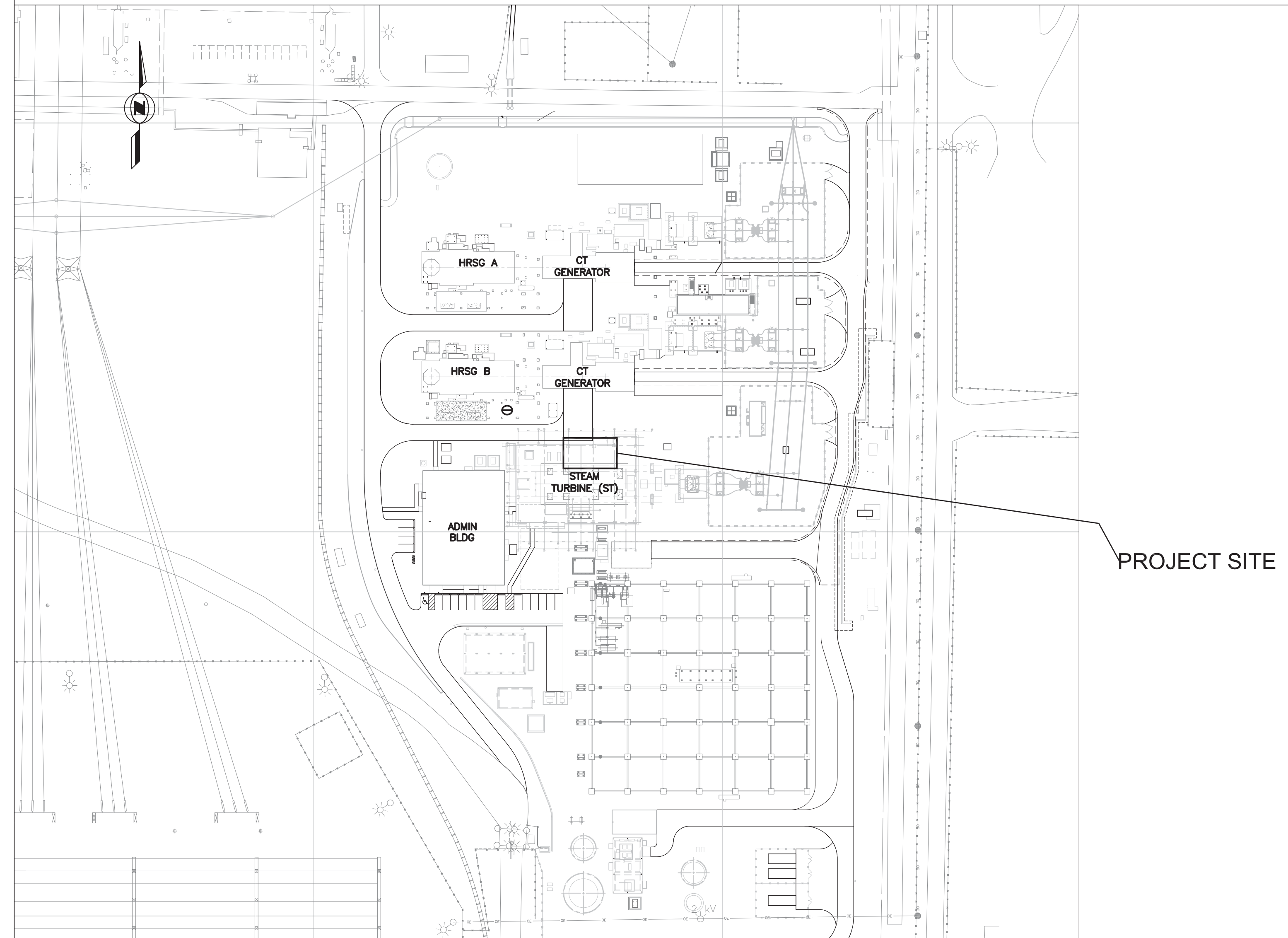
PACIFIC GAS & ELECTRIC CO. GATEWAY GENERATING STATION

3225 WILBUR AVENUE
ANTIOCH, CA 94509

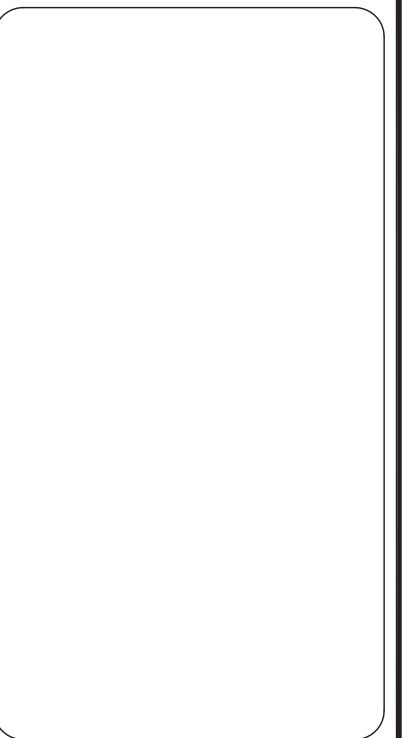
NEW STEAM TURBINE DECK

ENGINEERS: CHOW ENGINEERING INC.
7770 PARDEE LANE
OAKLAND, CA 94621
PHONE: (510) 636-8500 FAX: (510) 636-8544

LOCATION PLAN



REVISIONS	DATE
100% SUBMITTAL	03/14/14

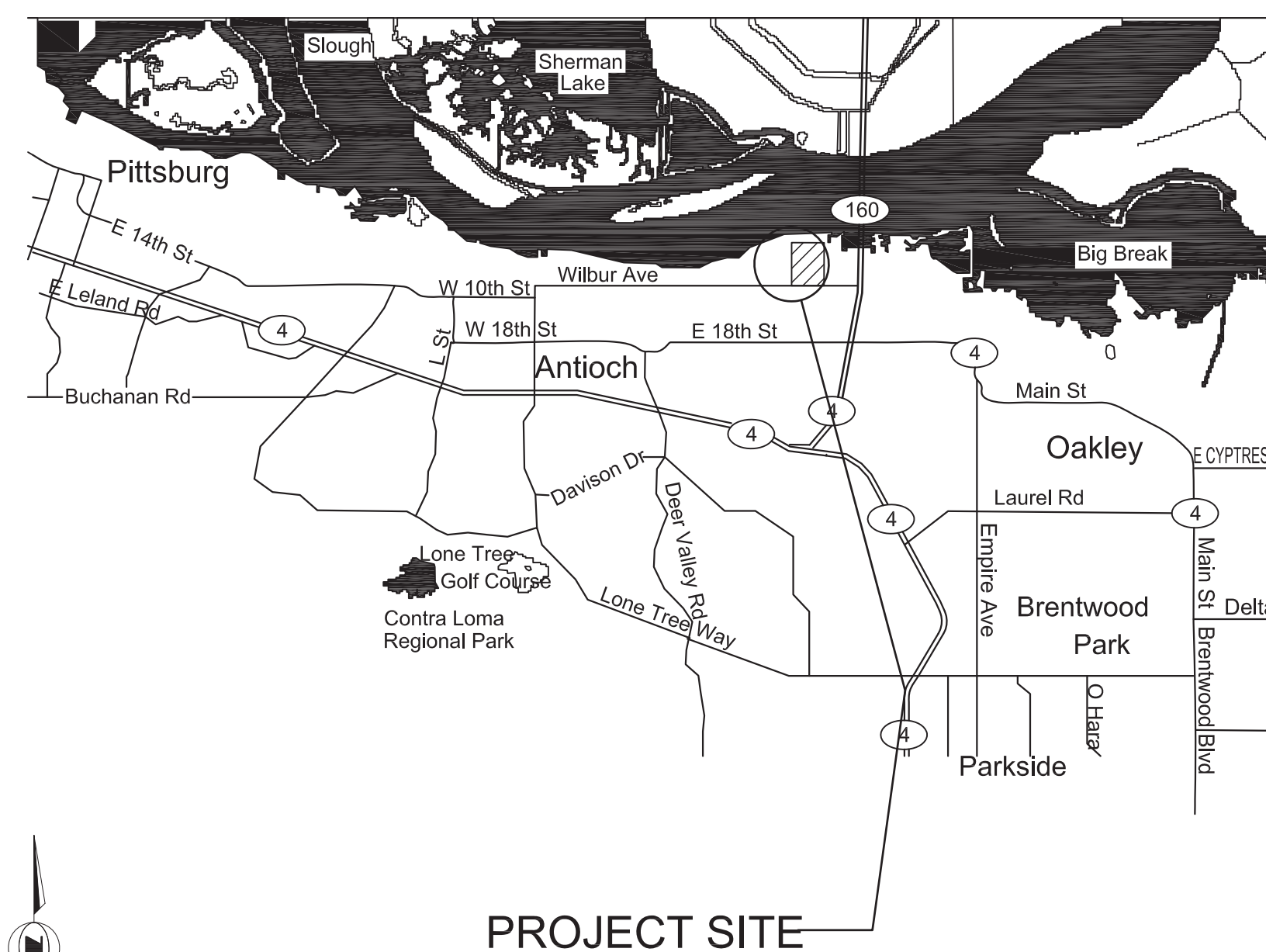


CE CHOW ENGINEERING, INC.
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ABBREVIATIONS

A.F.F.	above finish floor	GLU	glue
AGG	aggregate	GA	gage
ALT	alternate	G.B.	grade break
ANCH	anchor	HK	hook
APPROX	approximately	HORIZ	horizontal
@	at	ISA	International Symbol of Accessibility
B.G.S.	below grade surface	LONG	longitudinal
BLDG	building	MFR	manufacturer
B.O.F.	bottom of footing or foundation	MATL	material
BOT	bottom	MAX	maximum
CBC	California Building Code	MIN	minimum or minute
CTR	center	MISC	miscellaneous
CIDH	cast-in-drilled hole concrete pile	N.F.	near face
C/C	center to center	N.S.	near side
CLR	clear	N	north
COL	column	(N)	new
CONC	concrete	N.I.C.	not in contract
C.M.U.	concrete masonry unit	N.T.S.	not to scale
CONN	connection	O.C.	on center
CONST	construction grade	OPNG	opening
CONSTR	construction	OPP	opposite
C.J.	construction joint	O.D.	outside diameter
CONT	continuous, continued	LB	pound
DET	detail	PSI	pounds per square inch
DIA	diameter	PSF	pound per square foot
DIM	dimension	REF	reference
D.F.	Douglas Fir	REINF	reinforcing steel
DN	down	SECT	section
DWG	drawing	SF	square foot or square feet
EA	each	SPEC	specification
E.F.	each face	STD	standard
E.W.	each way	STL	steel
EL	elevation	STRUCT	structural
ENGR	engineer	SYMM	symmetrical
EQ	equal	T.O.C.	top of concrete
EXST, (E)	existing	T.O.S.	top of steel
EXT	exterior	TRANS.	transverse
F.G.	finished grade	TYP	typical
F.F.	finished floor	TOT	total
FTG	footing	U.O.N.	unless otherwise noted
FDN	foundation	W/	with
JT	joint		

VICINITY MAP



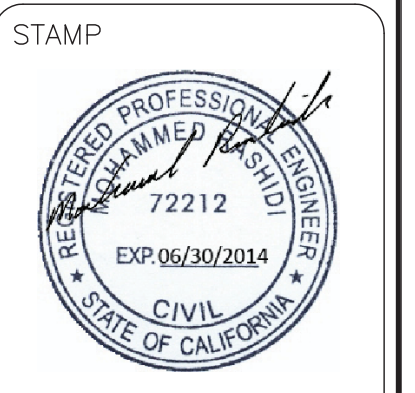
DRAWING INDEX

SHEET	DWG NO.	SHEET TITLE
1	S-0	COVER SHEET
2	S-1	GENERAL NOTES
3	S-2	DEMO / CONSTRUCTION PLAN
4	SD-6	TYPICAL RAIL DETAILS

SCOPE OF PROJECT

SCOPE OF WORK ON THESE PLANS INCLUDE:
1. ADDITION OF NEW GRATING TO THE STEAM TURBINE PLATFORM AT THE GATEWAY GENERATION STATION.

SHEET TITLE: NEW STEAM TURBINE DECK COVER SHEET
OWNER: PACIFIC GAS & ELECTRIC COMPANY GATEWAY GENERATING STATION ANTIOCH, CA. 94509



DATE	03/14/14
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JOB NO.	14R-107
SCALE	NTS
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SHEET No.	1 OF 4
REV.	0

GENERAL NOTES

- 1. ALL WORK SHALL BE IN COMPLIANCE WITH THE 2013 CALIFORNIA BUILDING CODE, 2013 CALIFORNIA FIRE CODE, 2013 CALIFORNIA MECHANICAL CODE, 2013 CALIFORNIA ELECTRICAL CODE, 2013 CALIFORNIA PLUMBING CODE, AND ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE PROJECT DOUCMENTS WITH CONDITIONS AT THE SITE, AND SHALL VERIFY EXISTING DIMENSIONS, ELEVATIONS, AND CONDITIONS.
3. ALL BUILDING AND UTILITY INFORMATION SHALL BE VERIFIED AND/OR REVISED AS NECESSARY BY THE CONTRACTOR IN THE FIELD.
4. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE APPLIED, SUBJECT TO REVIEW BY THE ENGINEER.
5. THIS IS AN ENERGIZED FACILITY. CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PREVENT CONTACT WITH HIGH VOLTAGE EQUIPMENT, CONDUITS, AND POWER LINES.
6. CONTRACTOR SHALL SUBMIT 3 SETS OF SHOP DRAWINGS TO THE OWNER (PG&E) FOR APPROVAL.
7. STRUCTURAL CONSULTATION AND OBSERVATION BY THE DESIGN ENGINEER SHALL BE PERFORMED ON A "AS NEEDED BASES".
8. ALL WORK OR CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATION AND SAFETY REQUIREMENTS.
9. DISCREPANCIES: THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY DISCREPANCIES OR OMISSIONS NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS OR OF ANY VARIATIONS NEEDED IN ORDER TO CONFORM TO CODES, RULES AND REGULATIONS.
10. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DESIGN AND PROVIDE ADEQUATE SAFETY PRECAUTIONS AS REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY DURING THE CONSTRUCTION.
11. SAFETY: THE CONTRACTOR SHALL ADEQUATELY PROTECT HIS WORK, ADJACENT PROPERTY, AND THE PUBLIC, AND BE RESPONSIBLE FOR DAMAGE OR INJURY DUE TO HIS ACT OR NEGLIGENCE.
12. INSPECTIONS: ANY INSPECTIONS, SPECIAL OR OTHERWISE, THAT ARE REQUIRED BY THE BUILDING CODES, LOCAL BUILDING DEPARTMENTS, OR THESE PLANS, SHALL BE DONE BY AN INDEPENDENT INSPECTION COMPANY.
13. ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND PG&E EMPLOYEES AND THE PUBLIC ARE PROTECTED.
14. THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS' AND SUBCONTRACTORS' COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATION: OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS."
15. CONTRACTOR AGREES THAT HE/SHE WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE ENGINEER.
16. PERMITS: THE CONTRACTOR AND/OR SUBCONTRACTORS SHALL OBTAIN ALL REQUIRED PERMITS.
17. ALL CONTRACTORS PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE THEMSELVES WITH THE SITE AND SHALL BE SOLELY RESPONSIBLE FOR ALL DAMAGE TO EXISTING FACILITIES RESULTING DIRECTLY OR INDIRECTLY FROM THEIR OPERATIONS, WHETHER OR NOT SHOWN ON THESE DRAWINGS.
18. AS-BUILTS:THE CONTRACTOR SHALL SUBMIT "AS-BUILT" DRAWINGS TO THE OWNER (PG&E) UPON COMPLETION OF WORK.

CONSTRUCTION

- 1. FIRE EXTINGUISHER: CONTRACTOR SHALL PROVIDE AND MAINTAIN A PORTABLE FIRE EXTINGUISHER OF THE TYPE SIZE APPROVED BY THE FIRE DEPARTMENT FIELD INSPECTOR AT THE JOB SITE THROUGHOUT CONSTRUCTION.
2. NO HAZARDOUS MATERIALS: NO HAZARDOUS CHEMICALS OR MATERIALS SHALL BE USED OR STORED IN THIS AREA OR ADJACENT AREAS TO THIS PROJECT.
3. COMPLY W/DRAWINGS: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE, SUPERVISE, AND COMMUNICATE WITH THE ENGINEER, OWNER, AND SUBCONTRACTORS ALL WORK TO INSURE CONFORMANCE WITH THE APPROVED DRAWINGS AND SPECIFICATIONS.

CONSTRUCTION (CONT'D)

- 4. PRIOR WRITTEN APPROVAL AND HOT WORK PERMIT FOR ALL FIELD WELDING IS REQUIRED.
5. RIGGING: ALL RIGGING SHALL BE SCHEDULED, COORDINATED, AND HAVE PRIOR APPROVAL FROM OWNER (PG&E).
6. SITE CLEANLINESS: CONTRACTOR SHALL PROVIDE LABOR AND EQUIPMENT FOR DEMOLITION AND REMOVAL OF DEBRIS. LIMITED CONSTRUCTION SPACE REQUIRES THAT ACCUMULATION OF DEBRIS BE REMOVED AT FREQUENT INTERVALS.
8. COMPACTION (MIN): ALL FILL AND BACK FILL SHALL BE COMPACTED TO NOT LESS THAN 95 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D1557-90T.
9. FIELD DENSITY: SHALL BE DETERMINED BY NUCLEAR GAUGE OR DRIVE CYLINDER METHOD. IN FINE-GRAINED COHESIVE SOILS, FIELD DENSITY MAYBE DETERMINED BY THE DRIVE-CYLINDER METHOD, A.S.T.M. D2937-71, THE METHOD OF DETERMINING FIELD DENSITY SHALL BE SHOWN IN THE COMPACTION REPORT. OTHER METHODS MAY BE USED IF RECOMMENDED BY THE SOIL ENGINEER AND APPROVED IN ADVANCE BY BUILDING OFFICIAL.
10. FILL PLACEMENT: NO FILL SHALL BE PLACED UNTIL STRIPPING OF VEGETATION, REMOVAL OF UNSUITABLE SOILS, AND INSTALLATION OF SUBDRAINS (IF ANY) HAVE BEEN INSPECTED AND APPROVED BY THE SOIL ENGINEER.
11. SAWCUT REMOVALS: ALL PAVEMENT AND CONCRETE REMOVALS SHALL BE SAWCUT.
12. BASE MATERIALS: AGGREGATE BASE SHALL BE EITHER CRUSHED AGGREGATE BASE OR CRUSHED MISCELLANEOUS RECYCLABLE BASE AS DEFINED IN SECTION 200-2.2 AND SECTION 200-2.4 RESPECTIVELY OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" UNLESS INDICATED OTHERWISE.
13. ADJUST (E) TO (F.G.): EXISTING SLABS, CURBS, GUTTERS AND ASPHALT & CONCRETE PAVEMENT WITHIN THE LIMITS OF NEW CONSTRUCTION SHALL BE ADJUSTED TO FINAL GRADE, UNLESS INDICATED OTHERWISE.
14. CONCRETE JOINTS: JOINTS IN CONCRETE CURBS, GUTTERS AND WALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 303-5.4 OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" UNLESS INDICATED OTHERWISE.
15. CONSTRUCTION DUST CONTROL: MEASURES SHALL BE REQUIRED IN ACCORDANCE WITH CITY'S DUST CONTROL ORDINANCE. GRADING WILL BE DISCONTINUED DURING FIRST-STAGE SMOG DURING CONSTRUCTION DUST CONTROL ALERTS AND SUSPENDED DURING PERIODS OF HIGH WIND, I.E. OVER 15 MPH ALL HAULING TRUCKS SHALL HAVE LOADS COVERED OR WETTED AND LOADED BELOW THE SIDEBOARD LEVEL TO MINIMIZE DUST.

SPECIAL INSPECTIONS

- 1. ANY INSPECTIONS, SPECIAL OR OTHERWISE, THAT ARE REQUIRED BY THE BUILDING CODES, LOCAL BUILDING DEPARTMENTS, OR THESE PLANS, SHALL BE DONE BY AN INDEPENDENT INSPECTION COMPANY.
2. THE CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL SPECIAL INSPECTIONS REQUIRED BY THE STATE AND LOCAL AGENCIES AS STATED IN THE 2010 CBC SECTION 1704.

STEEL NOTES

- 1. ALL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE A.I.S.C. "STEEL CONSTRUCTION MANUAL", LATEST EDITION. THE ERECTOR SHALL MEET ALL CAL O.S.H.A. SAFETY STANDARDS.
2. THE CONTRACTOR IS RESPONSIBLE FOR THE FIT OF ALL STRUCTURAL STEEL AND SHALL VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
3. WELDING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS) D1.1 "STRUCTURAL WELDING CODE" USING E70 ELECTRODES. QUALIFIED WELDERS APPROVED BY THE BUILDING DEPARTMENT SHALL PERFORM ALL STRUCTURAL WELDING. A REGISTERED DEPUTY INSPECTOR SHALL CONTINUOUSLY INSPECT ALL FIELD WELDING BY USING NONDESTRUCTIVE TESTING OF ALL FULL PENETRATION WELD CONNECTIONS. WELDERS SHALL HAVE LIGHT GAUGE STEEL CERTIFICATION WHEN WELDING LIGHT GAUGE STEEL.
4. ALL EXPOSED WELDS SHALL BE FILLED AND GROUND SMOOTH WHERE METAL COULD COME IN CONTACT WITH BUILDING OCCUPANTS.
5. BASE PLATES SHALL BE SHOP WELDED TO THE COLUMNS. ENDS OF COLUMNS SHALL BE CUT SQUARE TO ALLOW FOR FULL BEARING. TERMINATE ALL BASEPLATE WELDS AT LEAST 1/2" FROM FLANGE TOES AND "K" REGION.
6. NO CUTTING, BURNING, OR HOLES OTHER THAN THOSE SPECIFICALLY DETAILED SHALL BE ALLOWED THROUGH STRUCTURAL STEEL MEMBERS WITHOUT PRIOR CONSENT OF THE ENGINEER. BOLT HOLES SHALL CONFORM TO AISC SPECIFICATION, AND SHALL BE STANDARD HOLES UNLESS NOTED OTHERWISE.
7. CONNECTIONS SHALL HAVE THE CONNECTION ANGLES SHOP WELDED AND FIELD BOLTED.
8. CONNECTIONS SHALL BE MADE WITH ASTM A325 3/4" DIA. GALVANIZED BOLTS UNLESS OTHERWISE NOTED. BOLTED CONNECTIONS UNDER TENSION SHALL BE PRETENSIONED JOINTS. ALL OTHER BOLTED CONNECTIONS CAN BE SNUG TIGHTENED JOINTS.
9. BOLTED CONNECTIONS SHALL BE INSPECTED PER RCSC SPECIFICATION, "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, JUNE 30, 2004" BY A.I.S.C.
10. COLUMN BASE PLATES SHALL BE GROUTED WITH "FIVE-STAR" NON-SHRINK GROUT OR APPROVED ALTERNATE, WHERE REQUIRED. MINIMUM COMPRESSIVE STRENGTH SHALL BE 5,000 PSI U.N.O. ALL SURFACES SHALL BE PROPERLY CLEANED OF FOREIGN MATERIAL PRIOR TO THE GROUTING OPERATION.
11. PROVIDE MILL REPORTS AND IDENTIFICATION OF STEEL (AFFIDAVIT OF COMPLIANCE) AS REQUIRED BY THE GOVERNING AGENCY.
12. RECTANGULAR TUBULAR STEEL MEMBERS SHALL CONFORM TO ASTM A500, GRADE B, FY=46 KSI. CIRCULAR PIPE MEMBERS SHALL BE ASTM A53, GRADE B. ALL W AND T SHAPES SHALL BE ASTM A992. CHANNELS, ANGLES, AND PLATES SHALL BE ASTM A36, U.N.O.
13. PAINT UNGALVANIZED STEEL WITH ONE SHOP COAT OF ZINC CHROMATE PRIMER OR EQUAL. FIELD CONNECTIONS AND DAMAGED PAINT SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER (PG&E).
14. FLOOR GRATING SHALL BE TYPE W-19-4 WITH 1" X 3/16" BARS U.O.N.
15. ALL PLATFORM STEEL INCLUDING BUT NOT LIMITED TO GUARDRAILS, HANDRAILS, CAGES, LADDERS, AND FLOOR GRATING SHALL BE HOT DIP GALVANIZED ACCORDING TO ASTM A-123.
16. APPLY COLD GALVANIZING COMPOUND TO ALL SHOP AND FIELD CONNECTIONS MADE ON ALL GALVANIZED MEMBERS TO THE SATISFACTION OF THE OWNER (PG&E).
17. ALL NEW PLATFORMS TO HAVE 3 INCHES MINIMUM CLEARANCE FROM ALL PIPES AND EQUIPMENT.

LOAD CAPACITY

NEW GRATING TO MATCH EXISTING GRATING: W-19-4 WITH 1 1/2" X 3/16" SERRATED STEEL BARS.

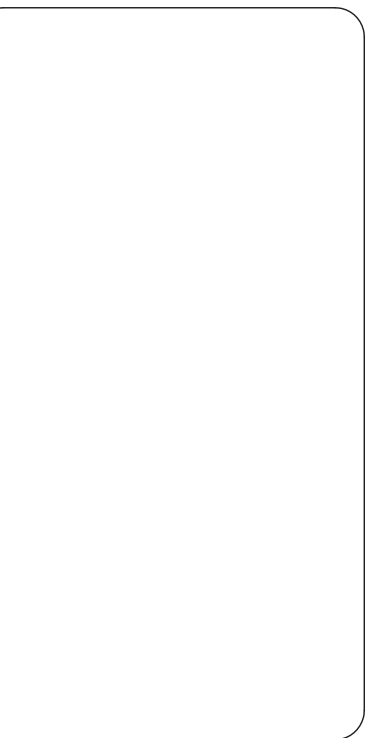
** BEAM TO BEAM SPANS RANGE FROM 4'-4" TO 5'-0". ASSUME 5'-0" SPANS FOR ENTIRE TURBINE DECK.

5 FOOT SPAN:
UNIFORM LOAD CAPACITY = 341 PSF (FOR (E) AND (N) GRATING)
CONCENTRATED POINT LOAD = 853 LBS. (FOR (E) AND (N) GRATING)

14R-107 Set 1.dwg

Chow Engineering, Inc. 3/14/2014 5:52 PM

Table with columns: REVISIONS, DATE, DRAWN. Row 1: 100% SUBMITTAL, 03/14/14, [initials]



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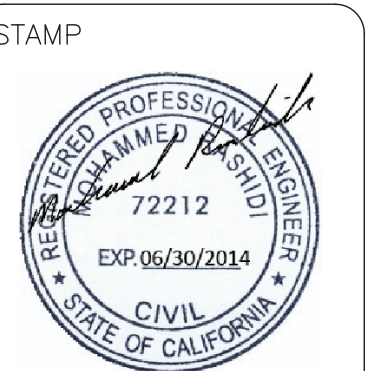
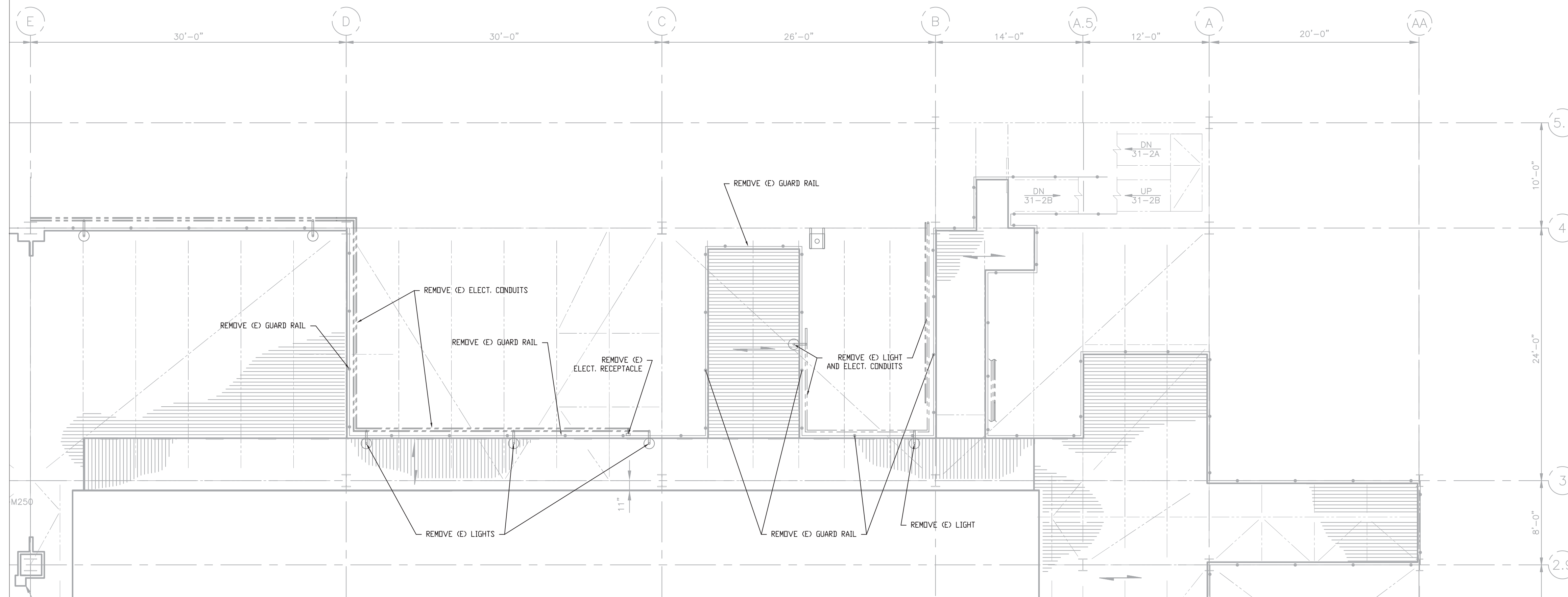
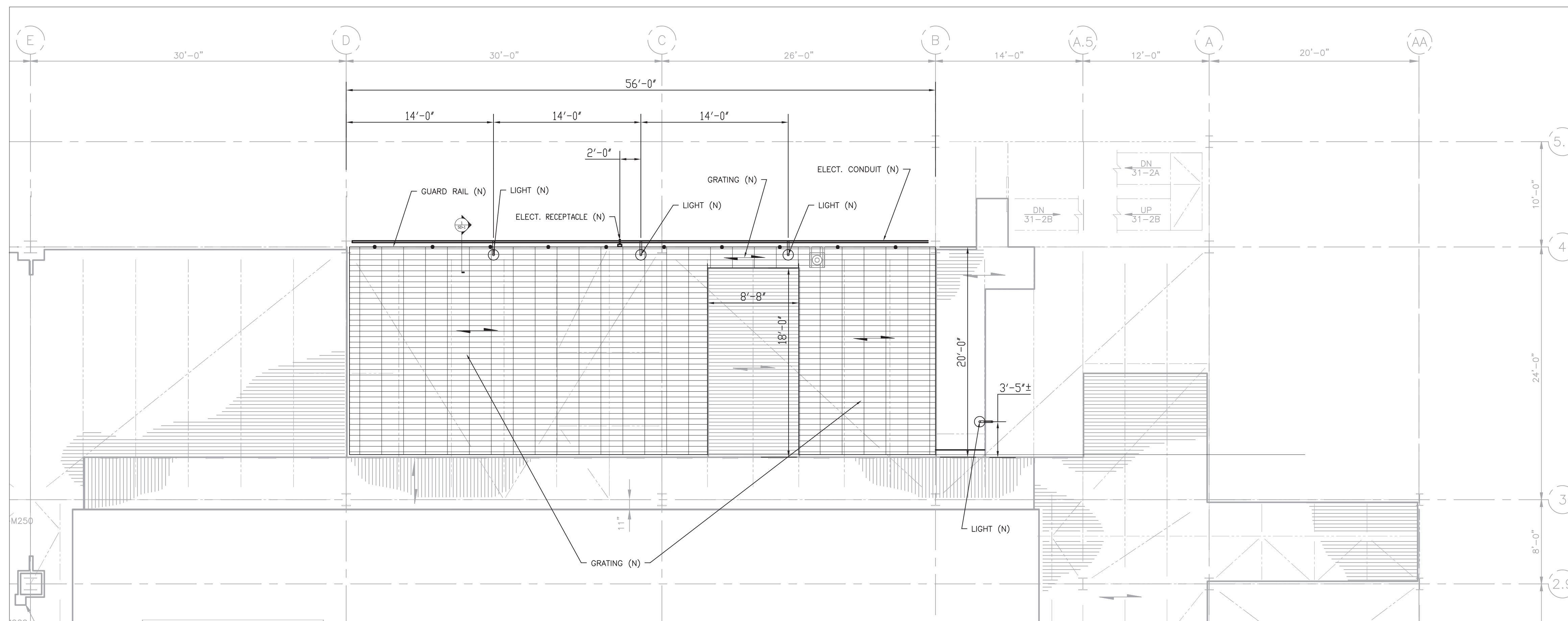


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S-1
SHEET No. 2 OF 4
REV. 0



DEMO PLAN
SCALE: NTS



CONSTRUCTION PLAN
SCALE: NTS

LEGEN:



GRATING SPAN DIRECTION

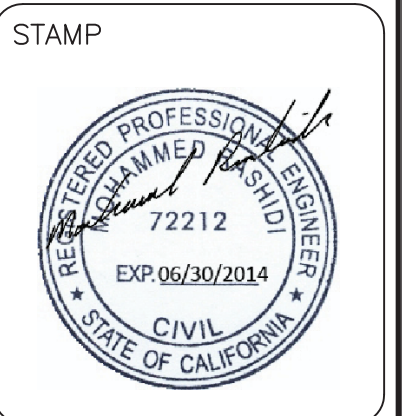
NOTES:

1. EXISTING EQUIPMENT AND PIPING IS PARTIALLY SHOWN ON PLANS. CONTRACTOR TO VERIFY ALL DIMENSIONS, ALIGNMENTS, AND CLEARANCES.
2. DISCREPANCIES: SEE GENERAL NOTES, #9, SHEET S-1.
3. GRATING TO BE W-19-4 WITH 1 1/2" X 3/16" SERRATED STEEL BARS.
4. CONTRACTOR TO REUSE/RELOCATE EXISTING LIGHTS, CONDUITS, GUARD RAILS, AND ETC..
5. SEE SHEET SD-1 FOR TYPICAL RAILING DETAILS.

REVISIONS	DATE
100% SUBMITTAL	03/14/14

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SHEET TITLE: NEW STEAM TURBINE DECK
DEMO / CONSTRUCTION PLAN
OWNER: PACIFIC GAS & ELECTRIC COMPANY
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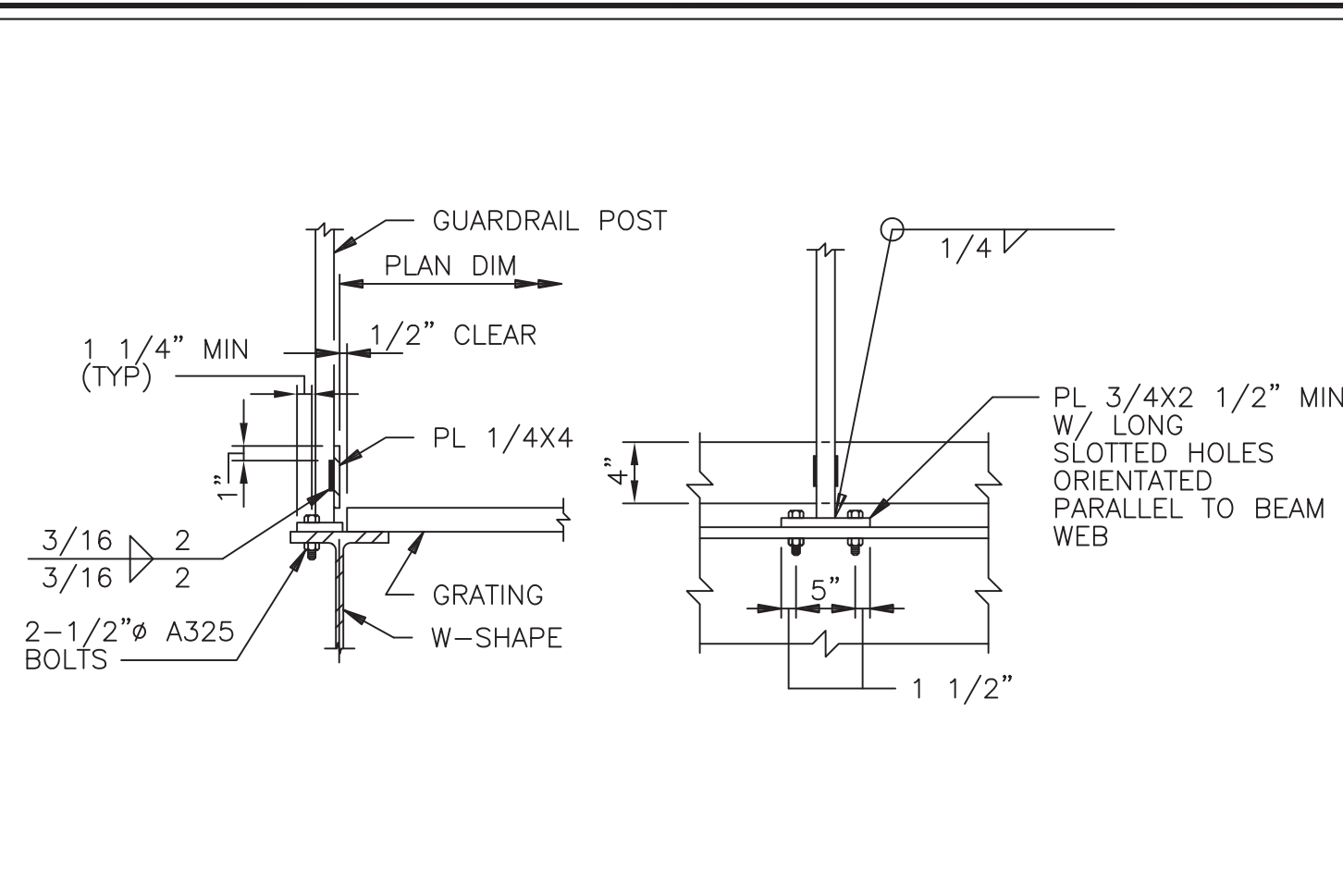


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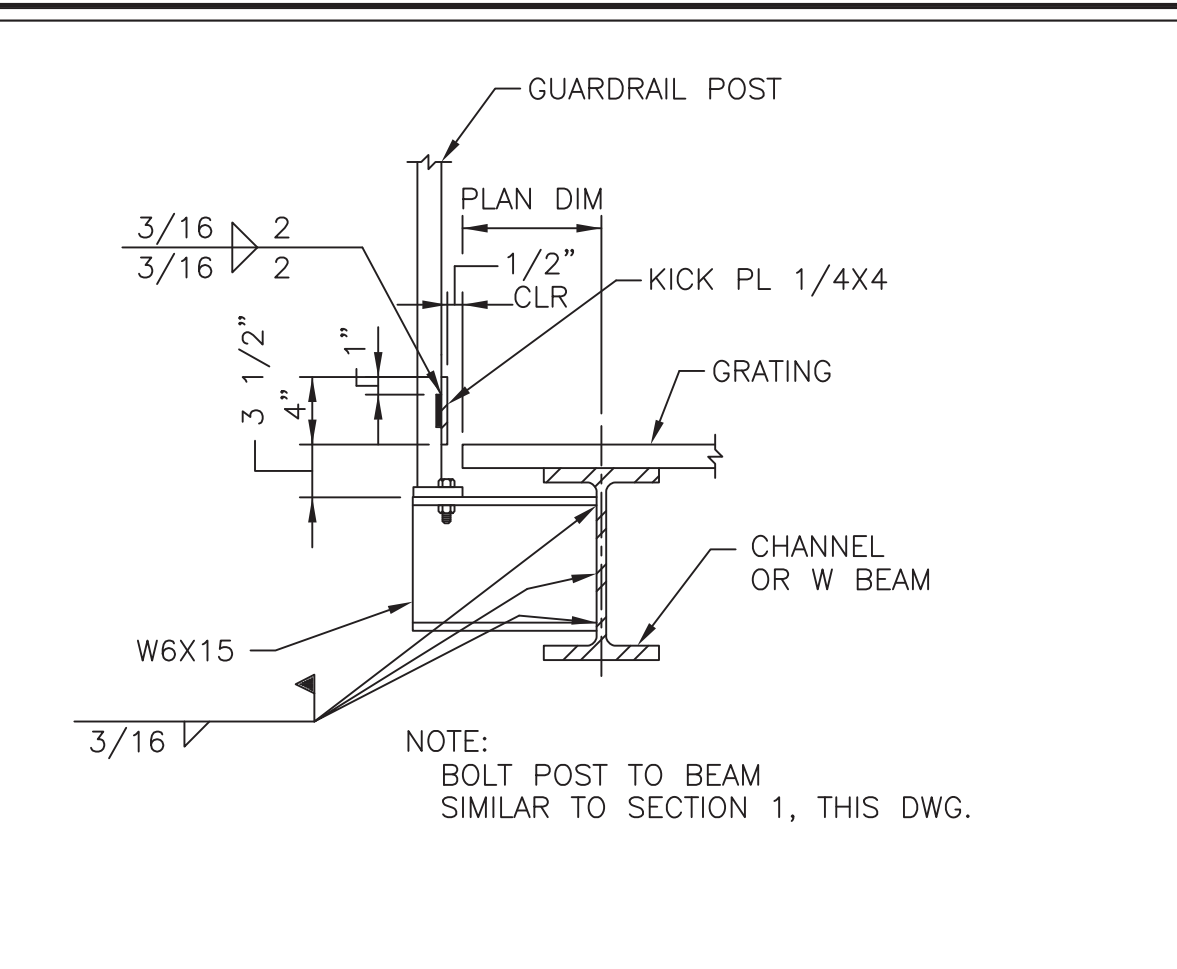
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SHEET No. 3 OF 4
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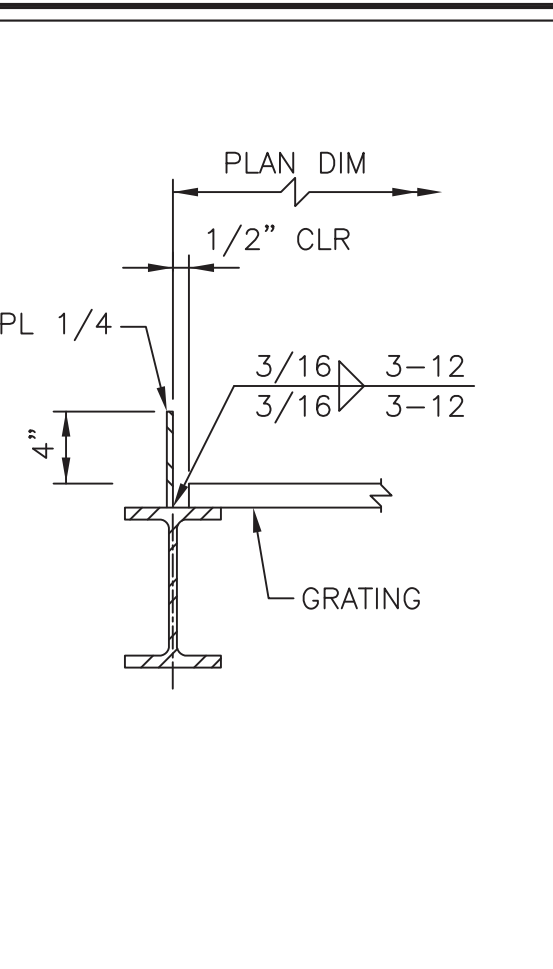
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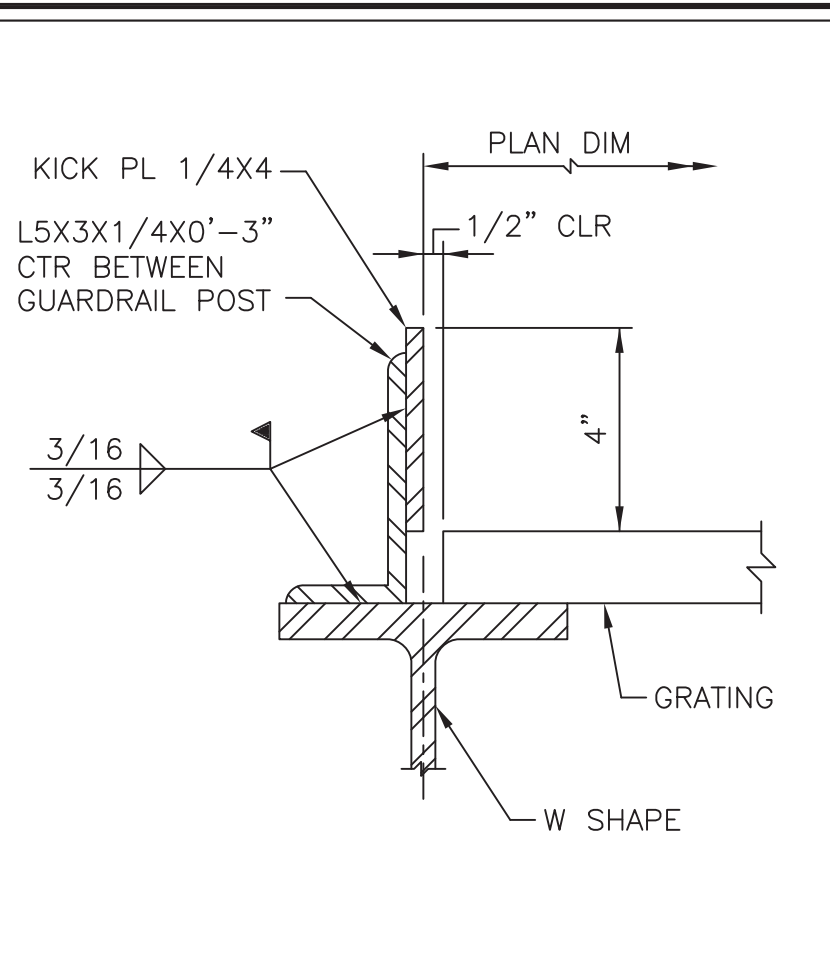
DETAIL 1



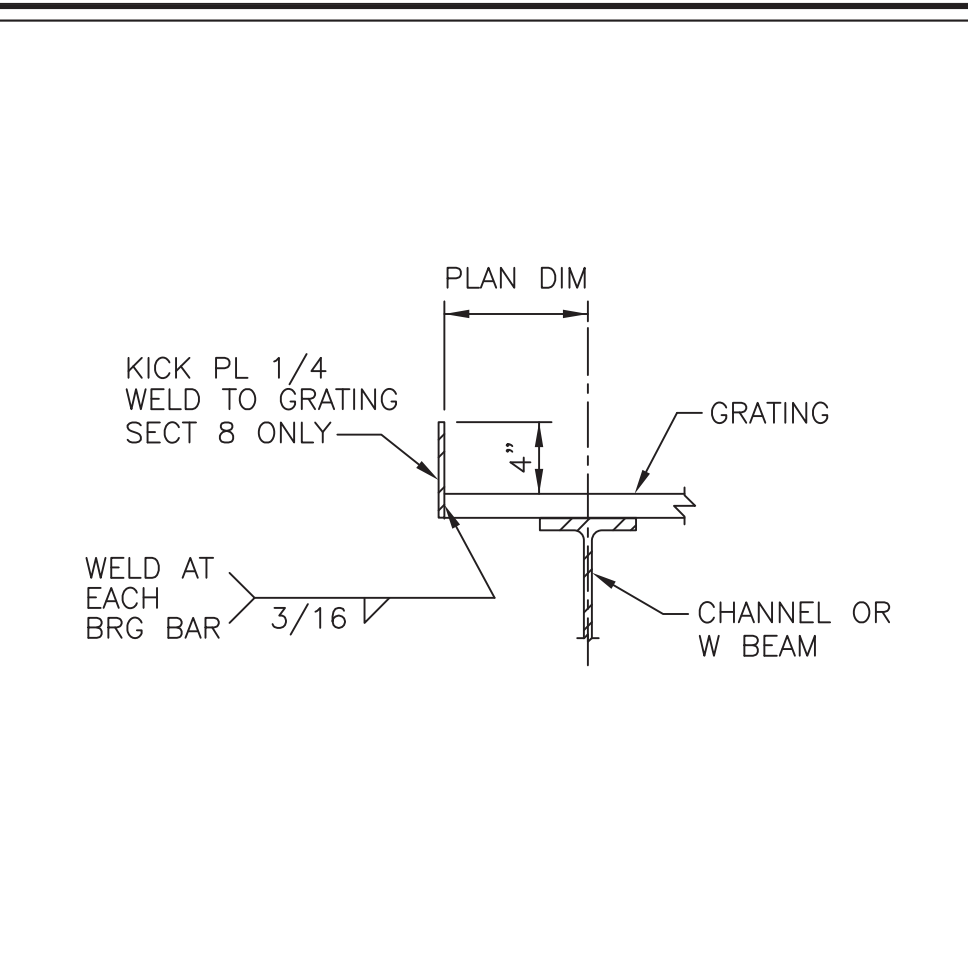
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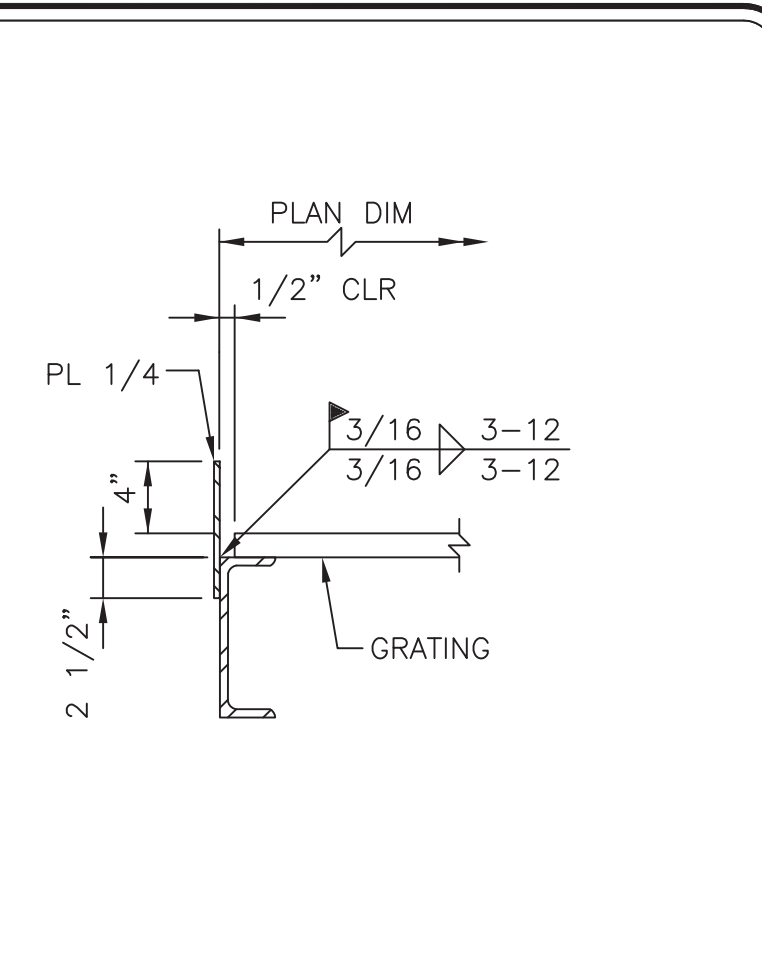
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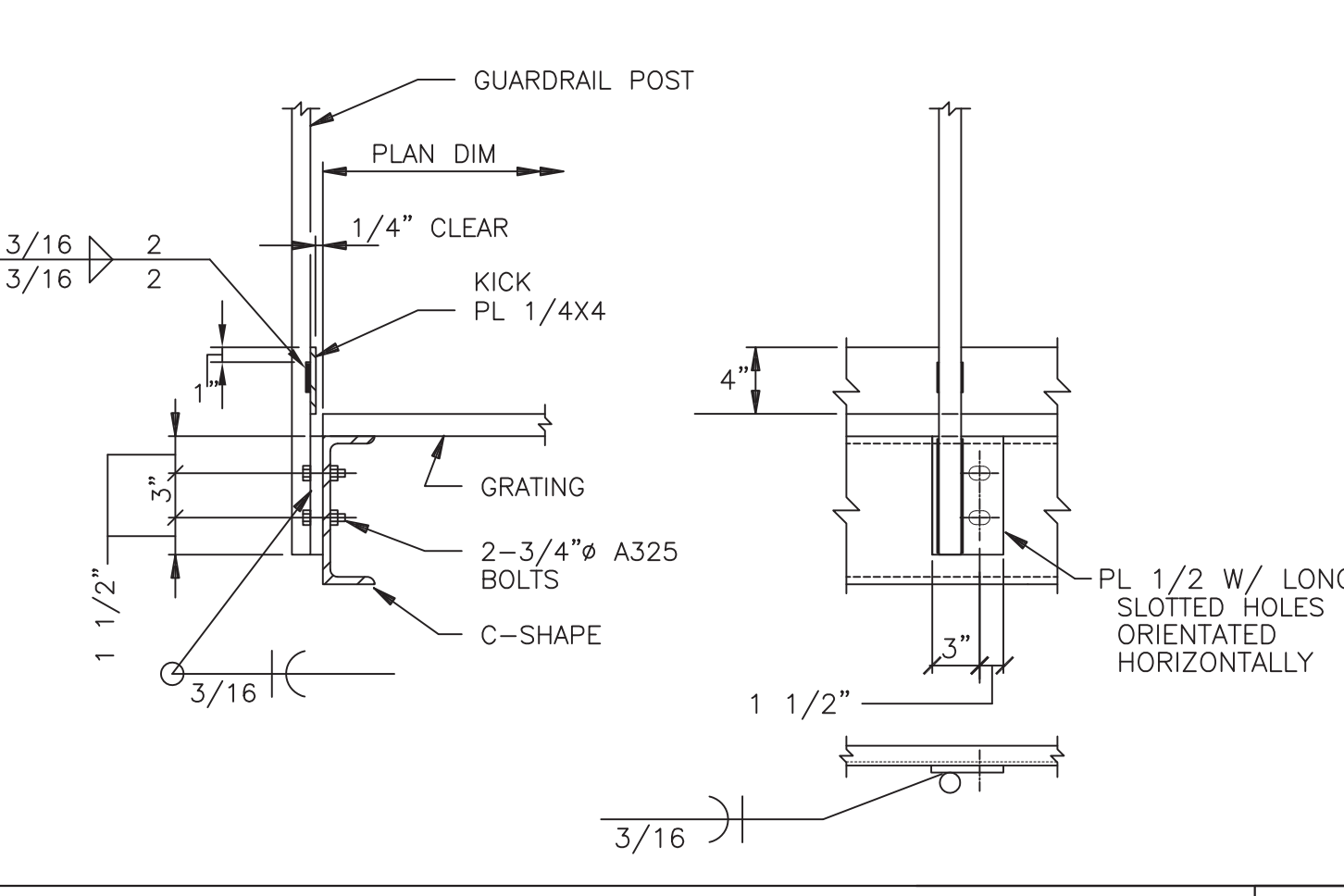
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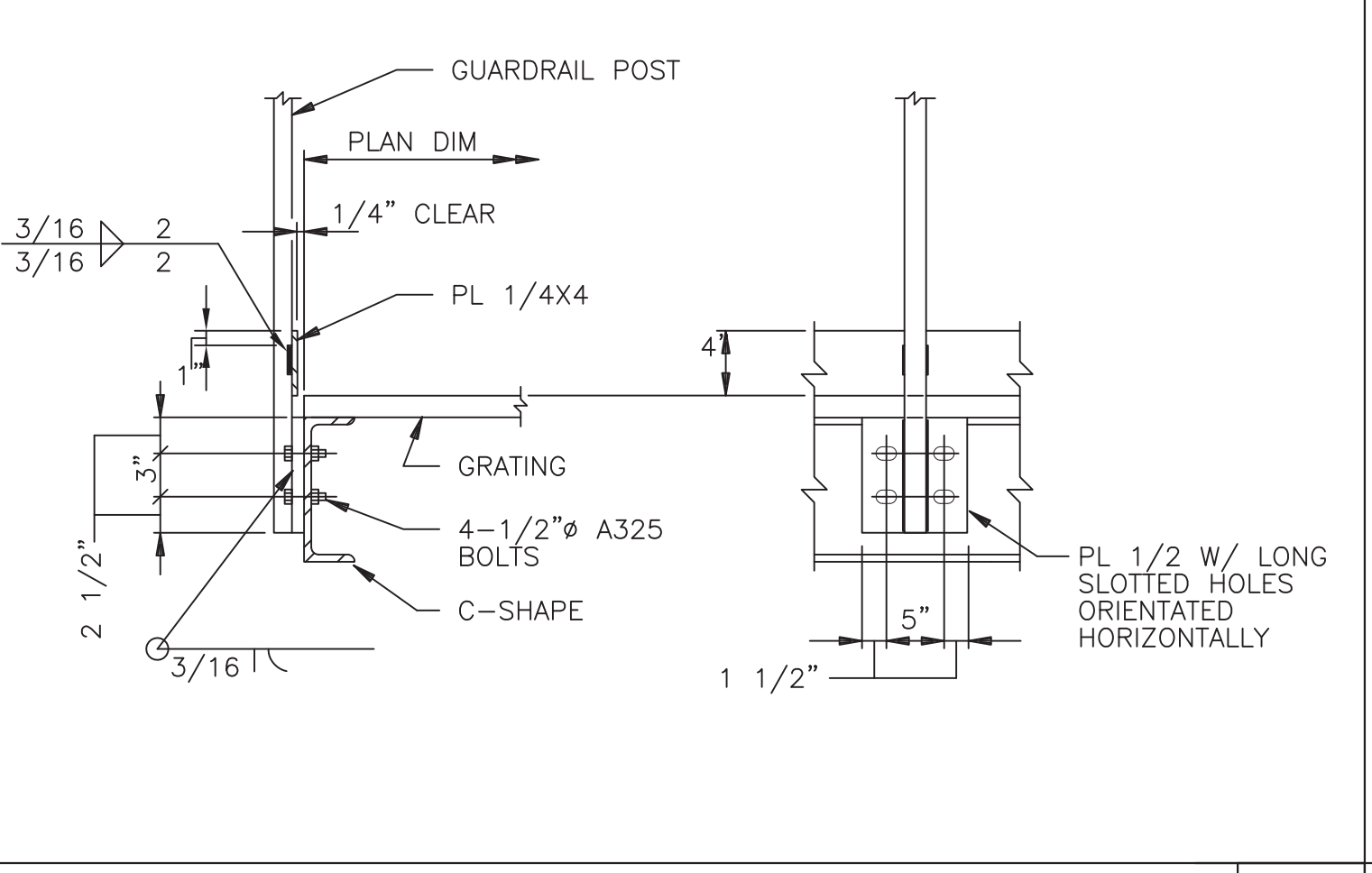
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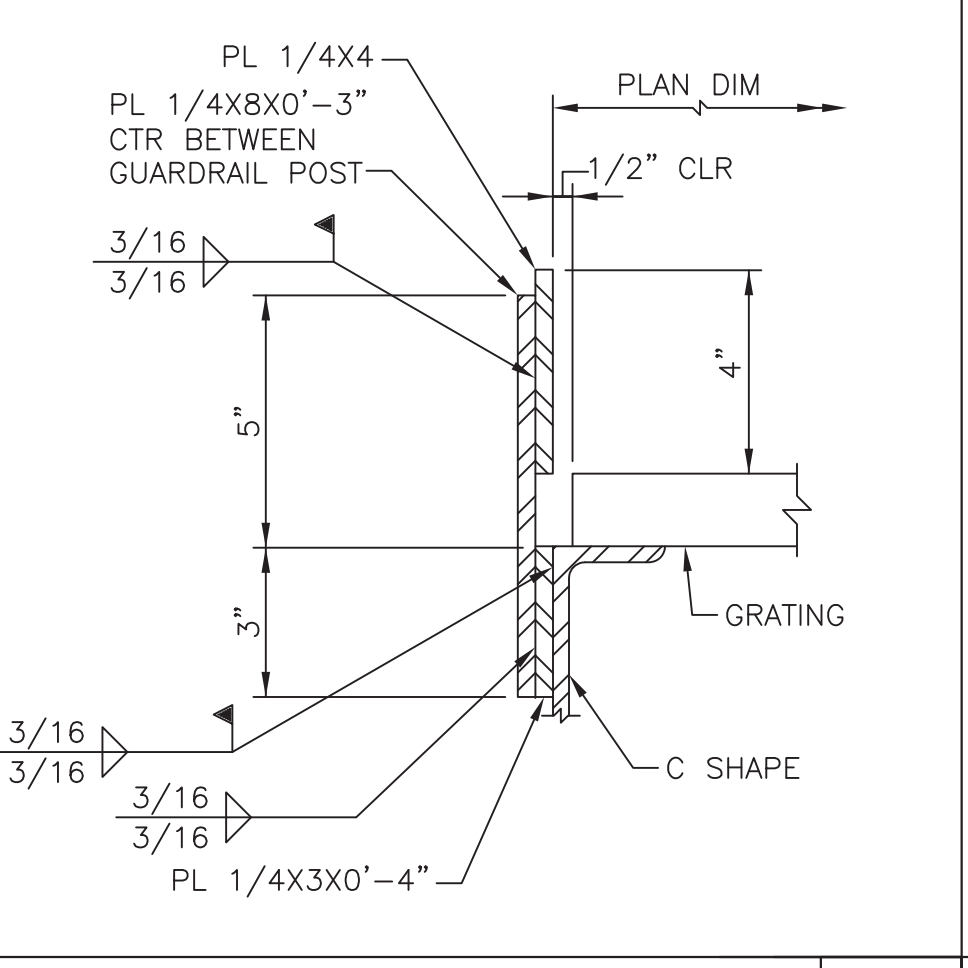
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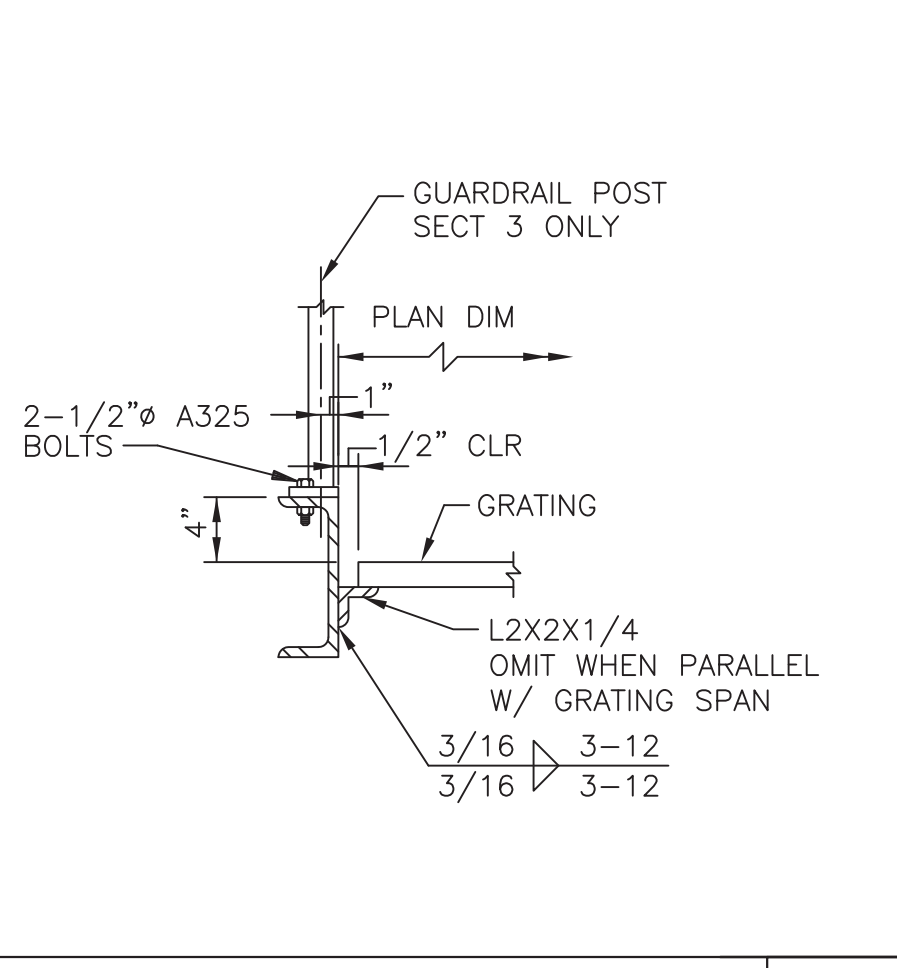
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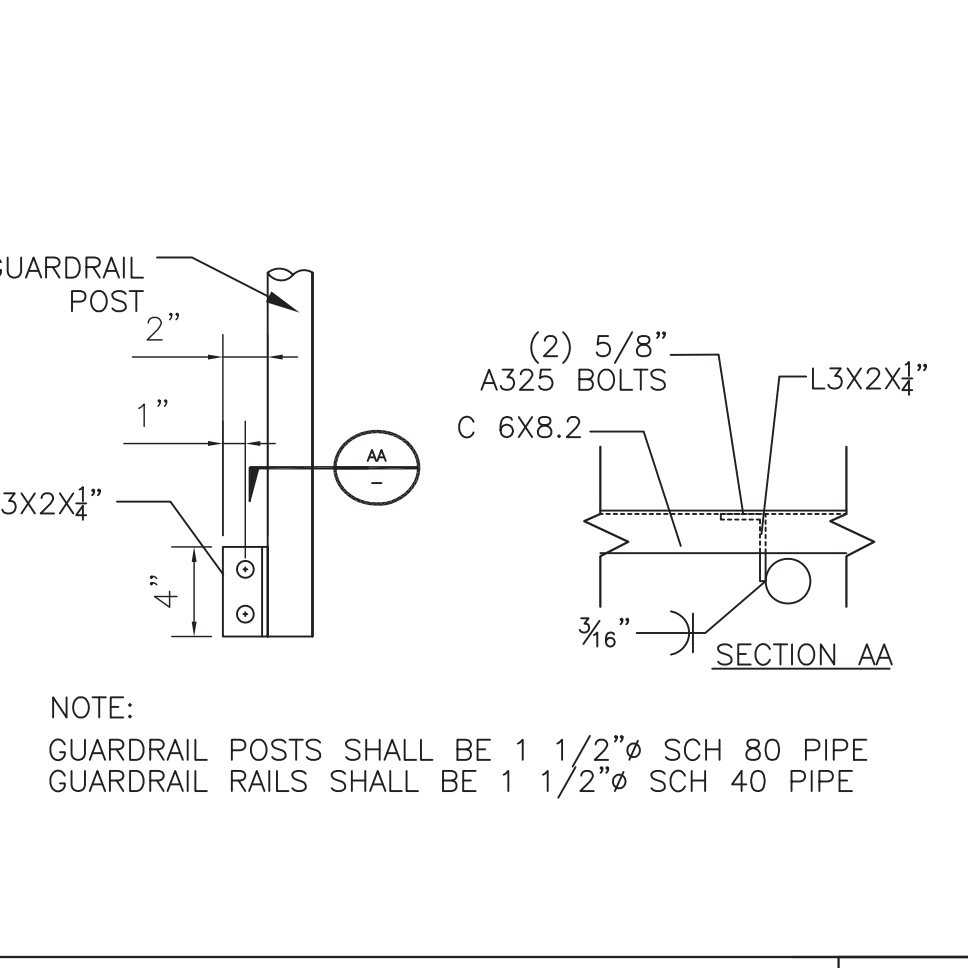
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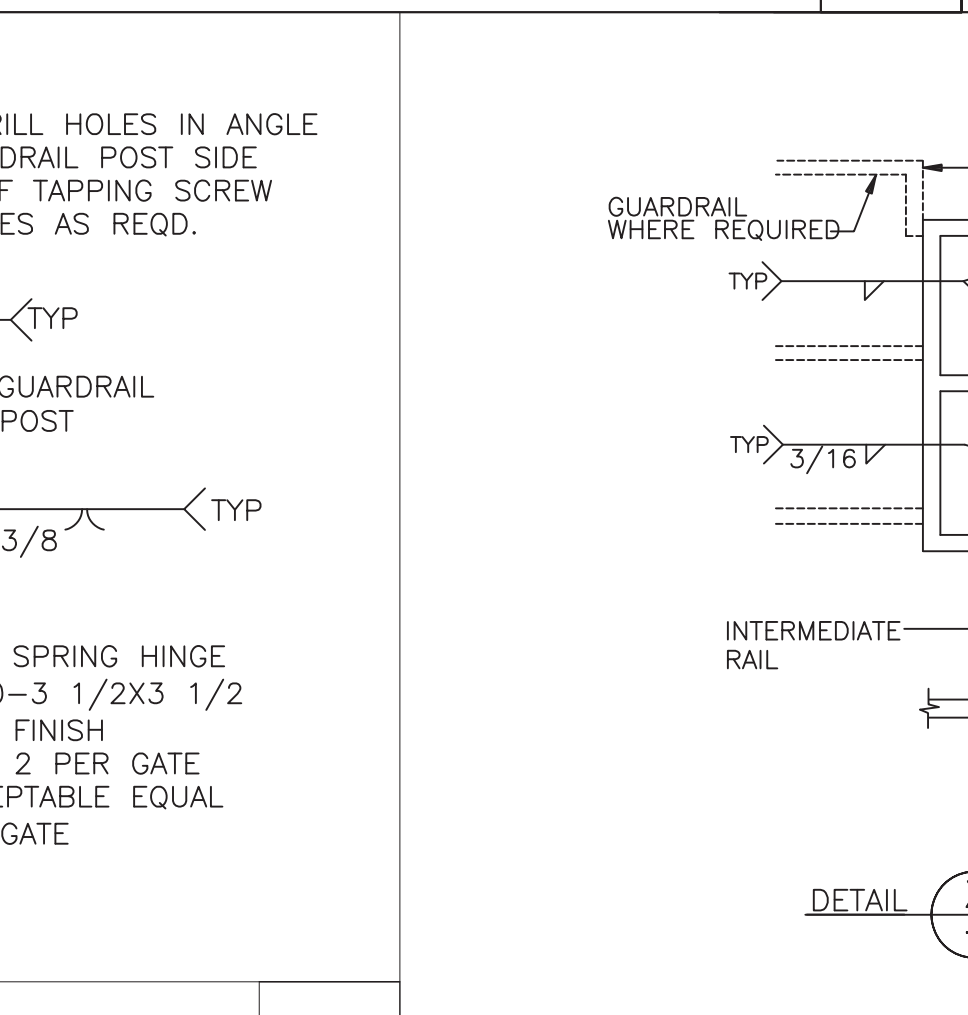
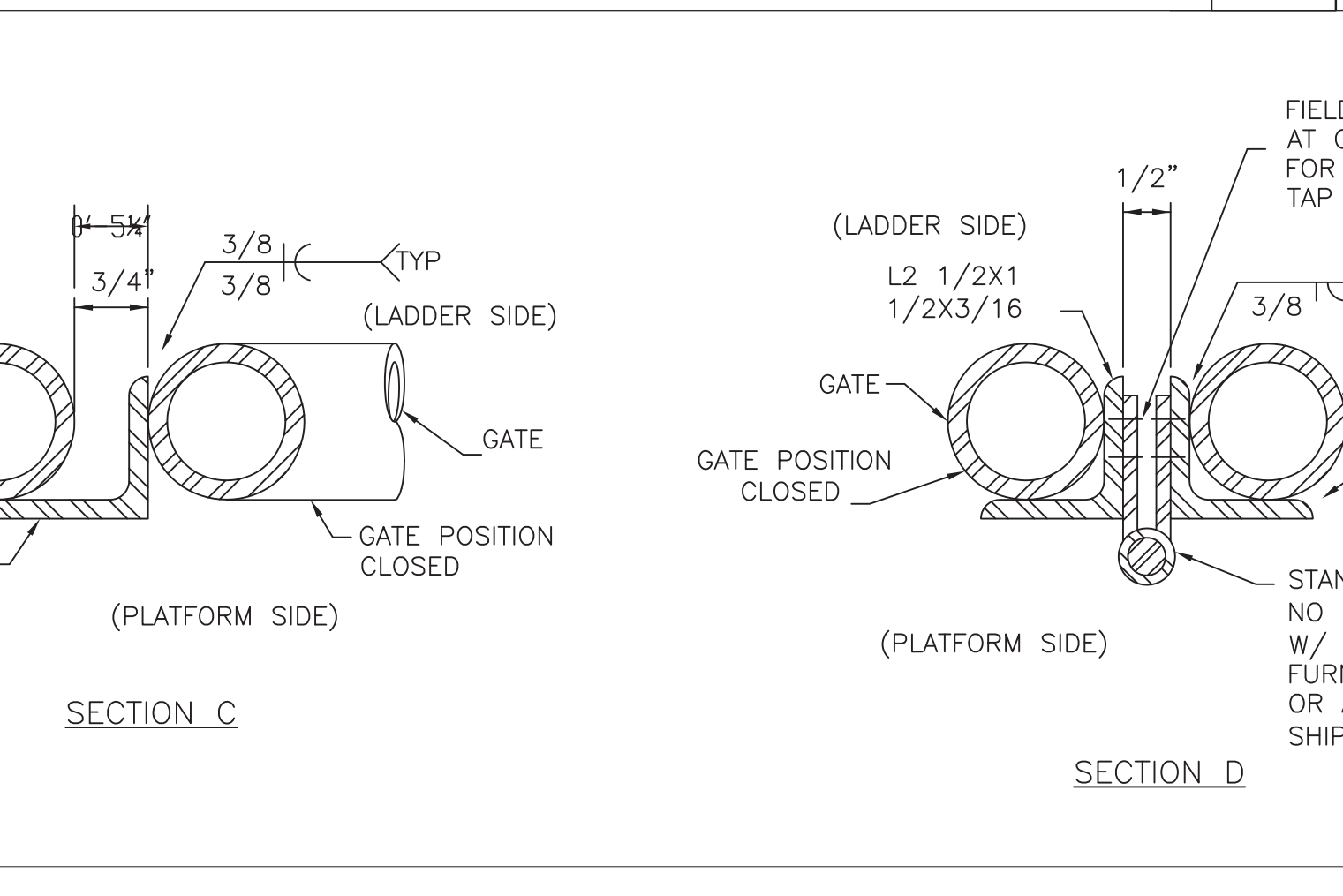
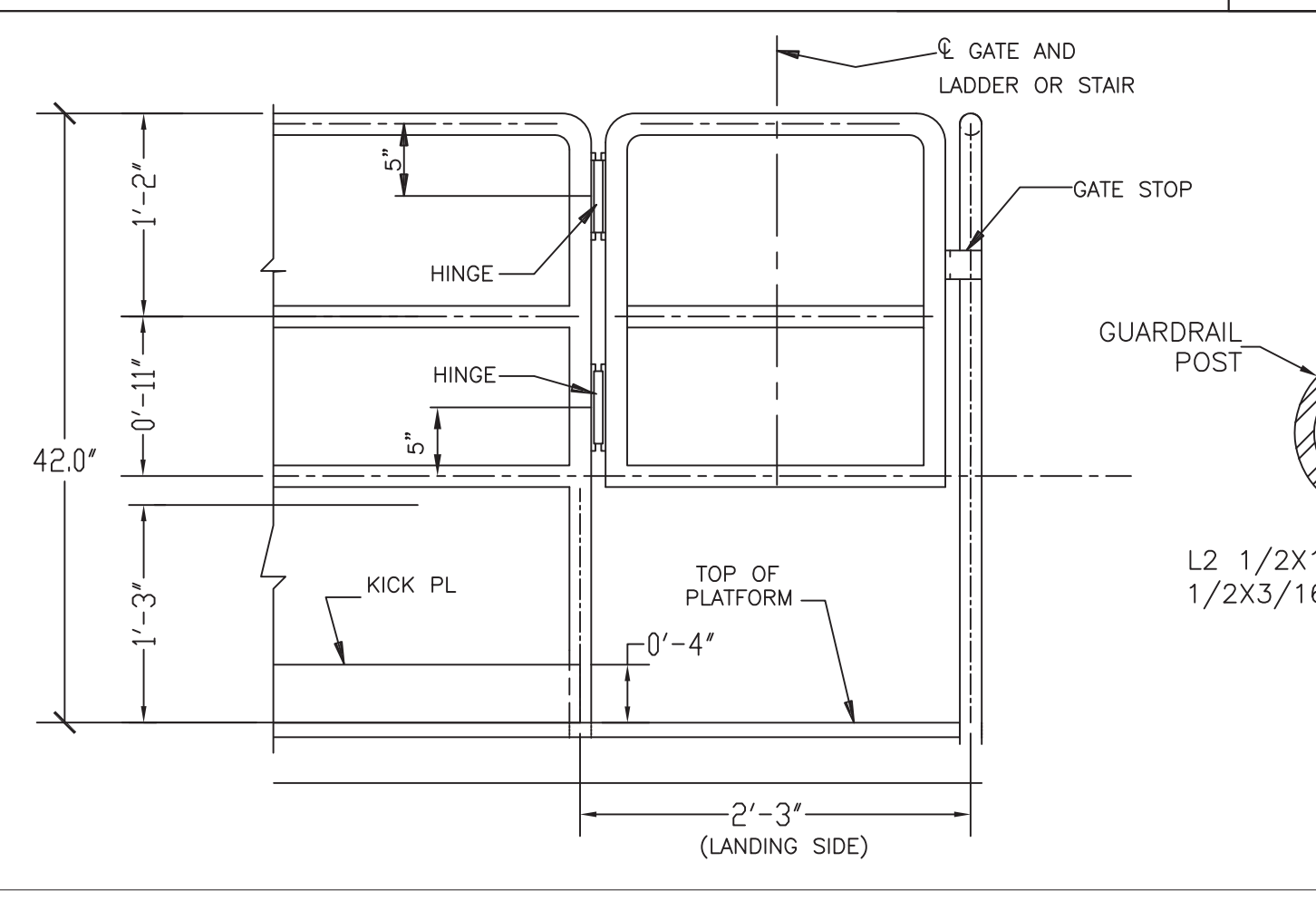
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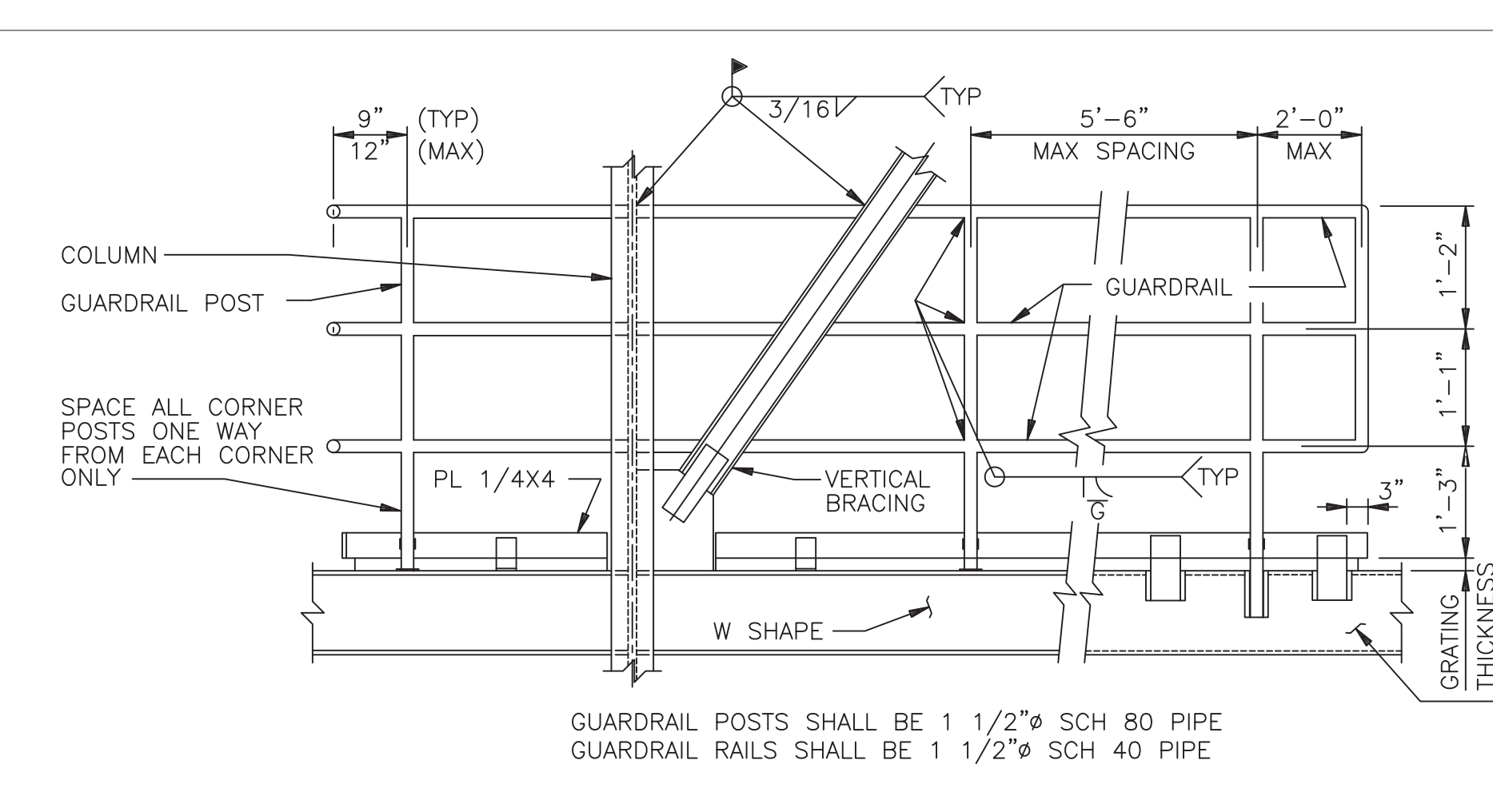
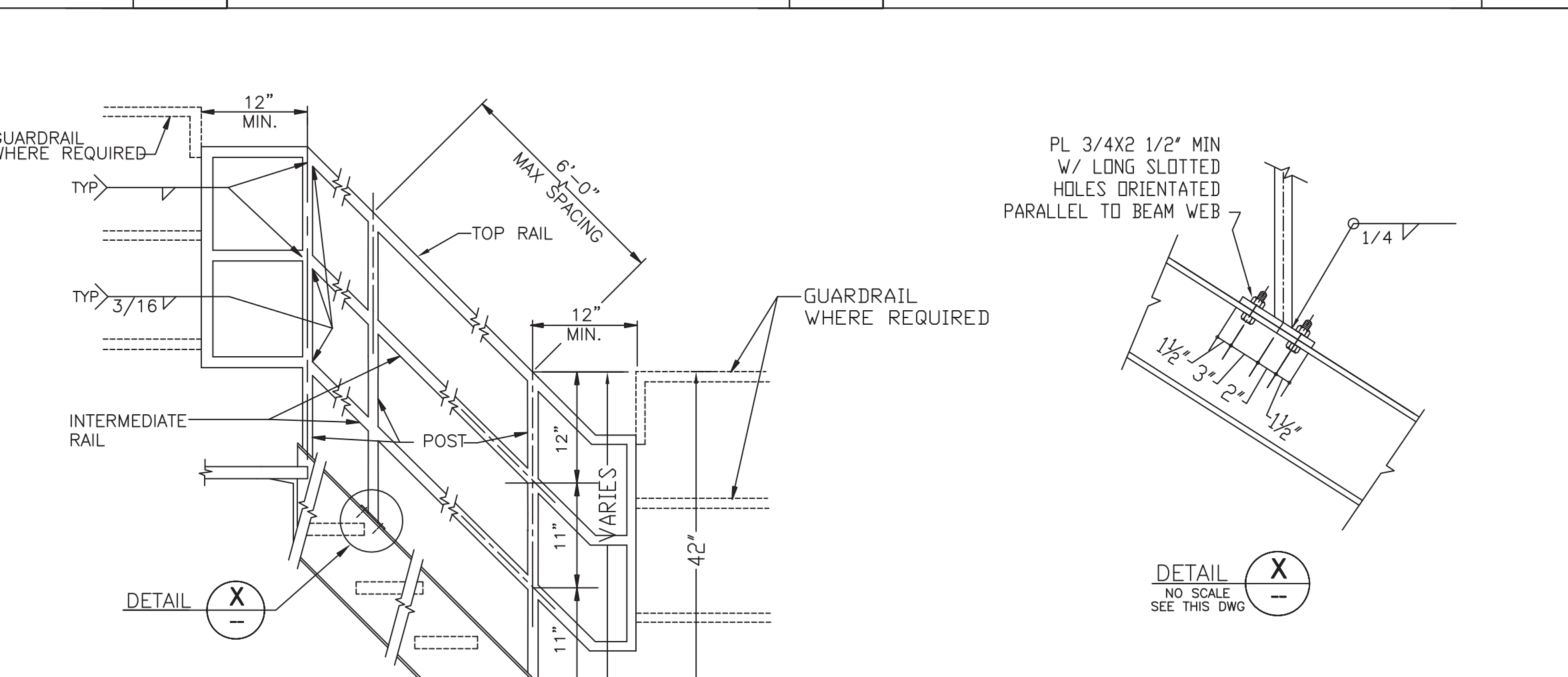
DETAIL 10



DETAIL 11



DETAIL 12



NOTE: SHIP RAILS 3" LONGER THAN INTERSECTION WITH VERTICAL BRACING. FIELD CUT RAILS TO CORRECT ANGLE AND WELD TO BRACE.

NOTE: PL 1/4x4 SHALL BE STRAIGHT AND TRUE AT TIME OF WELDING TO GUARDRAIL POSTS.

GUARDRAIL POSTS SHALL BE 1 1/2" SCH 80 PIPE
GUARDRAIL RAILS SHALL BE 1 1/2" SCH 40 PIPE

DATE	03/14/14
DRAWN	
REVISIONS	
100% SUBMITAL	

DETAIL	1	DETAIL	2	DETAIL	3	DETAIL	4	DETAIL	5	DETAIL	6
DETAIL	7	DETAIL	8	DETAIL	9	DETAIL	10	DETAIL	11		

CHOW ENGINEERING, INC.
7770 PARDEE LANE, SUITE 100
OAKLAND, CA 94621
Phone: (510) 656-8500 Fax: (510) 636-8544
Web: www.choweng.com E-Mail: info@choweng.com

NEW STEAM TURBINE DECK
TYPICAL RAIL DETAILS

PACIFIC GAS & ELECTRIC COMPANY
GATEWAY GENERATING STATION
ANTIOCH, CA. 94509

STAMP
REGISTERED PROFESSIONAL ENGINEER
2212
EXP 06/30/2014
CIVIL
STATE OF CALIFORNIA

DATE 03/14/14
DRAWN DW
CHECKED MR
JOB NO. 14R-107
SCALE NTS
DRAWING No.
SD-1
SHEET No. 4 OF 4
REV. 0

3/14/2014 4:01 PM
Chow Engineering, Inc.
HR-107-SD1-RAIL-DETAILS.DWG

Additional Attachment to Petition for Insignificant Project Change on Additional Deck Structure

List of Resident Addresses with in One mile from PG&E GGS

037 020 002
Resident
86 Big Break Rd #96
Oakley CA 94561

037 050 005
Resident
361 Sandy Ln
Oakley CA 94561

037 050 013
Resident
1033 Main St
Oakley CA 94561

037 060 001
Resident
5180 Neroly Rd
Oakley CA 94561

037 060 002
Resident
5200 Neroly Rd
Oakley CA 94561

037 060 005
Resident
5230 Neroly Rd
Oakley CA 94561

037 060 006
Resident
5240 Neroly Rd
Oakley CA 94561

037 060 008
Resident
5330 Neroly Rd
Oakley CA 94561

037 080 013
Resident
2620 Oakley Rd
Oakley CA 94561

037 080 019
Resident
350 Sandy Ln
Oakley CA 94561

037 080 021
Resident
2540 Oakley Rd
Oakley CA 94561

037 080 024
Resident
310 Sandy Ln
Oakley CA 94561

037 080 026
Resident
5265 Live Oak Ave
Oakley CA 94561

051 040 009
Resident
480 Fleming Ln
Antioch CA 94509

051 040 056
Resident
6317 Bridgehead Rd
Antioch CA 94509

051 040 070
Resident
415 Fleming Ln #485
Antioch CA 94509

051 061 001
Resident
1650 Viera Ave
Antioch CA 94509

051 061 002
Resident
1700 Viera Ave #1718
Antioch CA 94509

051 061 003
Resident
1730 Viera Ave
Antioch CA 94509

051 062 004
Resident
1839 Stewart Ln
Antioch CA 94509

051 062 005
Resident
1829 Stewart Ln
Antioch CA 94509

051 062 006
Resident
1705 Viera Ave
Antioch CA 94509

051 062 010
Resident
1853 Stewart Ln #1867
Antioch CA 94509

051 071 001
Resident
1524 Viera Ave
Antioch CA 94509

051 071 002
Resident
1550 Viera Ave
Antioch CA 94509

051 071 003
Resident
1560 Viera Ave
Antioch CA 94509

051 071 005
Resident
1600 Viera Ave
Antioch CA 94509

051 071 006
Resident
1606 Viera Ave #1618
Antioch CA 94509

051 071 008
Resident
1588 Viera Ave
Antioch CA 94509

051 071 011
Resident
1636 Viera Ave
Antioch CA 94509

051 071 012
Resident
1628 Viera Ave
Antioch CA 94509

051 072 005
Resident
1537 Viera Ave
Antioch CA 94509

051 072 006
Resident
1540 Walnut Ave
Antioch CA 94509

051 072 007
Resident
1554 Walnut Ave
Antioch CA 94509

051 072 013
Resident
1549 Viera Ave
Antioch CA 94509

051 072 014
Resident
1565 Viera Ave
Antioch CA 94509

051 072 015
Resident
1863 Bown Ln
Antioch CA 94509

051 072 016
Resident
1877 Bown Ln
Antioch CA 94509

051 072 017
Resident
1568 Walnut Ave
Antioch CA 94509

051 072 018
Resident
1580 Walnut Ave
Antioch CA 94509

051 073 001
Resident
1605 Viera Ave
Antioch CA 94509

051 073 002
Resident
1601 Viera Ave
Antioch CA 94509

051 073 003
Resident
1837 Vine Ln
Antioch CA 94509

051 073 004
Resident
1845 Vine Ln
Antioch CA 94509

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Resident
1859 Vine Ln
Antioch CA 94509

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1867 Vine Ln
Antioch CA 94509

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1881 Vine Ln
Antioch CA 94509

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1897 Vine Ln
Antioch CA 94509

051 073 009
Resident
1905 Vine Ln
Antioch CA 94509

051 073 011
Resident
1965 Vine Ln
Antioch CA 94509

051 073 012
Resident
1585 Walnut Ave
Antioch CA 94509

051 073 012
Resident
1585 Walnut Ave
Antioch CA 94509

051 073 014
Resident
1537 Walnut Ave
Antioch CA 94509

051 073 015
Resident
1523 Walnut Ave
Antioch CA 94509

051 073 016
Resident
1551 Walnut Ave
Antioch CA 94509

051 073 017
Resident
1927 Vine Ln
Antioch CA 94509

051 073 018
Resident
1945 Vine Ln
Antioch CA 94509

051 073 019
Resident
1567 Walnut Ave
Antioch CA 94509

051 073 020
Resident
1559 Walnut Ave
Antioch CA 94509

051 074 001
Resident
1966 Vine Ln
Antioch CA 94509

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Resident
1954 Vine Ln
Antioch CA 94509

051 074 003
Resident
1936 Vine Ln #1944
Antioch CA 94509

051 074 003
Resident
1936 Vine Ln #1944
Antioch CA 94509

051 074 005
Resident
1898 Vine Ln
Antioch CA 94509

051 074 007
Resident
1870 Vine Ln
Antioch CA 94509

051 074 008
Resident
1854 Vine Ln
Antioch CA 94509

051 074 009
Resident
1836 Vine Ln
Antioch CA 94509

051 074 011
Resident
1908 Vine Ln
Antioch CA 94509

051 074 012
Resident
1920 Vine Ln
Antioch CA 94509

051 081 001
Resident
1400 Viera Ave
Antioch CA 94509

051 081 003
Resident
1428 Viera Ave #b1434
Antioch CA 94509

051 081 004
Resident
1452 Viera Ave
Antioch CA 94509

051 081 006
Resident
1470 Viera Ave
Antioch CA 94509

051 081 007
Resident
1490 Viera Ave
Antioch CA 94509

051 081 008
Resident
1500 Viera Ave #1512
Antioch CA 94509

051 082 002
Resident
1497 Walnut Ave
Antioch CA 94509

051 082 003
Resident
1473 Walnut Ave
Antioch CA 94509

051 082 004
Resident
1957 Santa Fe Ave
Antioch CA 94509

051 082 005
Resident
1915 Santa Fe Ave
Antioch CA 94509

051 082 006
Resident
1887 Santa Fe Ave
Antioch CA 94509

051 082 007
Resident
1859 Santa Fe Ave
Antioch CA 94509

051 082 008
Resident
1831 Santa Fe Ave
Antioch CA 94509

051 082 011
Resident
1939 Santa Fe Ave
Antioch CA 94509

051 082 013
Resident
1503 Walnut Ave
Antioch CA 94509

051 082 014
Resident
1515 Walnut Ave
Antioch CA 94509

051 083 001
Resident
1528 Walnut Ave
Antioch CA 94509

051 083 002
Resident
1506 Walnut Ave
Antioch CA 94509

051 083 004
Resident
1866 Santa Fe Ave #1888
Antioch CA 94509

051 083 005
Resident
1834 Santa Fe Ave
Antioch CA 94509

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Resident
1471 Viera Ave
Antioch CA 94509

051 083 009
Resident
1509 Viera Ave
Antioch CA 94509

051 083 010
Resident
1487 Viera Ave
Antioch CA 94509

051 083 012
Resident
1495 Viera Ave
Antioch CA 94509

051 092 004
Resident
2566 Wilbur Ave
Antioch CA 94509

051 120 020
Resident
1650 Trembath Ln #1660
Antioch CA 94509

051 120 024
Resident
1450 Trembath Ln
Antioch CA 94509

051 120 025
Resident
1550 Trembath Ln
Antioch CA 94509

051 120 029
Resident
1715 Hillcrest Ave
Antioch CA 94509

051 130 001
Resident
1305 Saint Claire Dr
Antioch CA 94509

051 130 002
Resident
1277 Saint Claire Dr #st
Antioch CA 94509

051 140 001
Resident
1705 Trembath Ln
Antioch CA 94509

051 140 003
Resident
1625 Trembath Ln
Antioch CA 94509

051 140 006
Resident
1501 Trembath Ln
Antioch CA 94509

051 140 007
Resident
1425 Trembath Ln
Antioch CA 94509

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Resident
1613 Saint Claire Dr
Antioch CA 94509

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Resident
1525 Saint Claire Dr
Antioch CA 94509

051 140 014
Resident
1423 Saint Claire Dr
Antioch CA 94509

051 140 015
Resident
1420 Saint Claire Dr
Antioch CA 94509

051 140 019
Resident
88 Mike Yorba Way
Antioch CA 94509

051 140 020
Resident
1675 Trembath Ln
Antioch CA 94509

051 140 025
Resident
1620 Saint Claire Dr
Antioch CA 94509

051 140 026
Resident
1520 Saint Claire Dr
Antioch CA 94509

051 140 027
Resident
1651 Saint Claire Dr
Antioch CA 94509

051 140 028
Resident
1715 Saint Claire Dr
Antioch CA 94509

051 140 035
Resident
1575 Trembath Ln
Antioch CA 94509

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Resident
1575 Trembath Ln
Antioch CA 94509

051 180 009
Resident
2625 Oakley Rd
Antioch CA 94509

051 180 011
Resident
2451 Willow Ave
Antioch CA 94509

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Resident
2451 Willow Ave
Antioch CA 94509

051 180 016
Resident
2281 Willow Ave
Antioch CA 94509

051 180 017
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2425 Willow Ave
Antioch CA 94509

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3870 Oakley Rd
Antioch CA 94509

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3001 Oakley Rd
Antioch CA 94509

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Resident
3001 Oakley Rd
Antioch CA 94509

051 190 036
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3000 E 18th St
Antioch CA 94509

051 190 039
Resident
3020 E 18th St #e
Antioch CA 94509

051 190 040
Resident
3010 E 18th St
Antioch CA 94509

051 200 004
Resident
1837 Wightman Ln
Antioch CA 94509

051 200 007
Resident
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Antioch CA 94509

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1845 Wightman Ln #b
Antioch CA 94509

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3560 E 18th St
Antioch CA 94509

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Antioch CA 94509

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2273 Phillips Ln
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2401 Phillips Ln
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2435 Phillips Ln
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3400 E 18th St
Antioch CA 94509

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1805 Wightman Ln
Antioch CA 94509

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5208 Elm Ln
Oakley CA 94561

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5214 Elm Ln
Oakley CA 94561

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5387 Elm Ln
Oakley CA 94561

051 220 004
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5487 Elm Ln
Oakley CA 94561

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5301 Elm Ln
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Oakley CA 94561

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Oakley CA 94561

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Oakley CA 94561

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Resident
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Oakley CA 94561

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Resident
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Oakley CA 94561

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Resident
5235 Neroly Rd
Oakley CA 94561

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Resident
5249 Neroly Rd
Oakley CA 94561

051 301 001
Resident
1621 Lipton St
Antioch CA 94509

051 301 002
Resident
1623 Lipton St
Antioch CA 94509

051 301 003
Resident
1627 Lipton St
Antioch CA 94509

051 301 004
Resident
1629 Lipton St
Antioch CA 94509

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Resident
1701 Lipton St
Antioch CA 94509

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1703 Lipton St
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1707 Lipton St
Antioch CA 94509

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1709 Lipton St
Antioch CA 94509

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1713 Lipton St
Antioch CA 94509

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Antioch CA 94509

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1719 Lipton St
Antioch CA 94509

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1721 Lipton St
Antioch CA 94509

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Antioch CA 94509

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1731 Lipton St
Antioch CA 94509

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1733 Lipton St
Antioch CA 94509

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1737 Lipton St
Antioch CA 94509

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1739 Lipton St
Antioch CA 94509

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1743 Lipton St
Antioch CA 94509

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1745 Lipton St
Antioch CA 94509

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1749 Lipton St
Antioch CA 94509

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1751 Lipton St
Antioch CA 94509

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1755 Lipton St
Antioch CA 94509

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1757 Lipton St
Antioch CA 94509

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Resident
1761 Lipton St
Antioch CA 94509

051 301 026
Resident
1763 Lipton St
Antioch CA 94509

051 302 001
Resident
1314 Trembath Ln
Antioch CA 94509

051 302 002
Resident
1312 Trembath Ln
Antioch CA 94509

051 302 003
Resident
1308 Trembath Ln
Antioch CA 94509

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Resident
1306 Trembath Ln
Antioch CA 94509

051 302 005
Resident
1302 Trembath Ln
Antioch CA 94509

051 302 006
Resident
1300 Trembath Ln
Antioch CA 94509

051 303 001
Resident
1326 Jasmine Ct
Antioch CA 94509

051 303 002
Resident
1324 Jasmine Ct
Antioch CA 94509

051 303 003
Resident
1320 Jasmine Ct
Antioch CA 94509

051 303 004
Resident
1318 Jasmine Ct
Antioch CA 94509

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Resident
1314 Jasmine Ct
Antioch CA 94509

051 303 006
Resident
1312 Jasmine Ct
Antioch CA 94509

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Resident
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Antioch CA 94509

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Resident
1306 Jasmine Ct
Antioch CA 94509

051 303 009
Resident
1302 Jasmine Ct
Antioch CA 94509

051 303 010
Resident
1300 Jasmine Ct
Antioch CA 94509

051 303 011
Resident
1326 Veronica Ct
Antioch CA 94509

051 303 012
Resident
1324 Veronica Ct
Antioch CA 94509

051 303 013
Resident
1320 Veronica Ct
Antioch CA 94509

051 303 014
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1318 Veronica Ct
Antioch CA 94509

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Resident
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Antioch CA 94509

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Resident
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Resident
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Resident
1300 Veronica Ct
Antioch CA 94509

051 303 021
Resident
1301 Trembath Ln
Antioch CA 94509

051 303 022
Resident
1303 Trembath Ln
Antioch CA 94509

051 303 023
Resident
1307 Trembath Ln
Antioch CA 94509

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Resident
1309 Trembath Ln
Antioch CA 94509

051 303 025
Resident
1313 Trembath Ln
Antioch CA 94509

051 303 026
Resident
1315 Trembath Ln
Antioch CA 94509

051 341 001
Resident
2113 Willow Ave
Antioch CA 94509

051 341 002
Resident
2117 Willow Ave
Antioch CA 94509

051 341 003
Resident
2121 Willow Ave
Antioch CA 94509

051 341 004
Resident
2125 Willow Ave
Antioch CA 94509

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Resident
2129 Willow Ave
Antioch CA 94509

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Resident
2133 Willow Ave
Antioch CA 94509

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2139 Willow Ave
Antioch CA 94509

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Resident
2141 Willow Ave
Antioch CA 94509

051 341 009
Resident
2145 Willow Ave
Antioch CA 94509

051 341 010
Resident
2700 Filbert St
Antioch CA 94509

051 341 011
Resident
2704 Filbert St
Antioch CA 94509

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Resident
2708 Filbert St
Antioch CA 94509

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Resident
2712 Filbert St
Antioch CA 94509

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2716 Filbert St
Antioch CA 94509

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Resident
2720 Filbert St
Antioch CA 94509

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Resident
2724 Filbert St
Antioch CA 94509

051 341 017
Resident
2728 Filbert St
Antioch CA 94509

051 342 001
Resident
2201 Willow Ave
Antioch CA 94509

051 342 002
Resident
2205 Willow Ave
Antioch CA 94509

051 342 003
Resident
2209 Willow Ave
Antioch CA 94509

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Resident
2213 Willow Ave
Antioch CA 94509

051 342 005
Resident
2217 Willow Ave
Antioch CA 94509

051 342 006
Resident
2221 Willow Ave
Antioch CA 94509

051 342 007
Resident
2225 Willow Ave
Antioch CA 94509

051 342 008
Resident
2229 Willow Ave
Antioch CA 94509

051 342 009
Resident
2800 Filbert St
Antioch CA 94509

051 342 010
Resident
2800 Pistachio Ct
Antioch CA 94509

051 342 011
Resident
2804 Pistachio Ct
Antioch CA 94509

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2801 Filbert St
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3000 Beechnut St
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3004 Beechnut St
Antioch CA 94509

051 352 013
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3008 Beechnut St
Antioch CA 94509

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3012 Chickpea Ct
Antioch CA 94509

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3014 Chickpea Ct
Antioch CA 94509

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3016 Chickpea Ct
Antioch CA 94509

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3018 Chickpea Ct
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3022 Chickpea Ct
Antioch CA 94509

051 361 001
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051 361 002
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3019 Filbert St
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051 361 003
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3015 Filbert St
Antioch CA 94509

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Antioch CA 94509

051 370 001
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3101 Almondridge Dr
Antioch CA 94509

051 370 002
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3105 Almondridge Dr
Antioch CA 94509

051 370 003
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3109 Almondridge Dr
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051 370 004
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3113 Almondridge Dr
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051 370 005
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3117 Almondridge Dr
Antioch CA 94509

051 370 006
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3121 Almondridge Dr
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3125 Almondridge Dr
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3129 Almondridge Dr
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3133 Almondridge Dr
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051 370 010
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3137 Almondridge Dr
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051 370 011
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3109 Almond Tree Ct
Antioch CA 94509

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3113 Almond Tree Ct
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3117 Almond Tree Ct
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3000 Butternut St
Antioch CA 94509

051 370 016
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3004 Butternut St
Antioch CA 94509

051 370 017
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3010 Butternut St
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3016 Butternut St
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051 370 019
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3000 Coconut Ct
Antioch CA 94509

051 370 020
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3109 Filbert St
Antioch CA 94509

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3005 Butternut St
Antioch CA 94509

051 370 048
Resident
3001 Butternut St
Antioch CA 94509

051 380 001
Resident
2105 Willow Ave
Antioch CA 94509

051 380 002
Resident
2605 Almondridge Dr
Antioch CA 94509

051 380 003
Resident
2610 Filbert St
Antioch CA 94509

051 380 004
Resident
2608 Filbert St
Antioch CA 94509

051 380 005
Resident
2604 Filbert St
Antioch CA 94509

051 380 006
Resident
2600 Filbert St
Antioch CA 94509

051 380 007
Resident
2601 Coffee Tree Ct
Antioch CA 94509

051 380 008
Resident
2605 Coffee Tree Ct
Antioch CA 94509

051 380 009
Resident
2605 Filbert St
Antioch CA 94509

051 380 010
Resident
2609 Filbert St
Antioch CA 94509

051 380 011
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2715 Almondridge Dr
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051 380 012
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2719 Almondridge Dr
Antioch CA 94509

051 380 013
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2723 Almondridge Dr
Antioch CA 94509

051 380 014
Resident
2636 Coffee Tree Way
Antioch CA 94509

051 380 015
Resident
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051 380 016
Resident
2628 Coffee Tree Way
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051 380 017
Resident
2609 Coffee Tree Ct
Antioch CA 94509

051 380 018
Resident
2613 Coffee Tree Ct
Antioch CA 94509

051 380 019
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Antioch CA 94509

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Resident
2709 Coffee Tree Way
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051 380 028
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2801 Nogal Ct
Antioch CA 94509

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Antioch CA 94509

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Antioch CA 94509

051 380 033
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2821 Nogal Ct
Antioch CA 94509

051 380 034
Resident
2811 Almondridge Dr
Antioch CA 94509

051 380 035
Resident
2815 Almondridge Dr
Antioch CA 94509

051 390 001
Resident
3321 Jessica Ct
Antioch CA 00000

051 390 007
Resident
3341 Oakley Rd
Antioch CA 94509

051 390 008
Resident
3339 Oakley Rd
Antioch CA 94509

051 390 013
Resident
3401 Oakley Rd
Antioch CA 94509

051 390 013
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3401 Oakley Rd
Antioch CA 94509

051 400 001
Resident
2819 Almondridge Dr
Antioch CA 94509

051 400 002
Resident
2034 Sugar Pine St
Antioch CA 94509

051 400 003
Resident
2026 Sugar Pine St
Antioch CA 94509

051 400 004
Resident
2016 Sugar Pine St
Antioch CA 94509

051 400 005
Resident
2012 Sugar Pine St
Antioch CA 94509

051 400 006
Resident
2008 Sugar Pine St
Antioch CA 94509

051 400 007
Resident
2004 Sugar Pine St
Antioch CA 94509

051 400 008
Resident
2000 Sugar Pine St
Antioch CA 94509

051 400 009
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1912 Sugar Pine Ct
Antioch CA 94509

051 400 010
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1908 Sugar Pine Ct
Antioch CA 94509

051 400 011
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1909 Sugar Pine Ct
Antioch CA 94509

051 400 012
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2001 Sugar Pine St
Antioch CA 94509

051 400 013
Resident
2007 Sugar Pine St
Antioch CA 94509

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Resident
2015 Sugar Pine St
Antioch CA 94509

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2019 Sugar Pine St
Antioch CA 94509

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Antioch CA 94509

051 400 017
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Antioch CA 94509

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2035 Sugar Pine St
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051 400 020
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2957 Cashew Ct
Antioch CA 94509

051 400 030
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1905 Sugar Pine Ct
Antioch CA 94509

051 400 031
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1901 Sugar Pine Ct
Antioch CA 94509

051 400 032
Resident
1900 Sugar Pine Ct
Antioch CA 94509

051 400 033
Resident
1904 Sugar Pine Ct
Antioch CA 94509

051 410 001
Resident
1911 Wilson St
Antioch CA 94509

051 410 002
Resident
1915 Wilson St
Antioch CA 94509

051 410 003
Resident
1919 Wilson St
Antioch CA 94509

051 410 004
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Antioch CA 94509

051 410 005
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Antioch CA 94509

051 410 006
Resident
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Antioch CA 94509

051 410 007
Resident
1914 Wilson Ct
Antioch CA 94509

051 410 008
Resident
1912 Wilson Ct
Antioch CA 94509

051 410 009
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1910 Wilson Ct
Antioch CA 94509

051 410 010
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Antioch CA 94509

051 410 011
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1906 Wilson Ct
Antioch CA 94509

051 410 012
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Antioch CA 94509

051 410 013
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1902 Wilson Ct
Antioch CA 94509

051 410 014
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1900 Wilson Ct
Antioch CA 94509

051 410 015
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1901 Wilson Ct
Antioch CA 94509

051 410 016
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1903 Wilson Ct
Antioch CA 94509

051 410 017
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Antioch CA 94509

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1907 Wilson Ct
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1911 Wilson Ct
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051 410 022
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Antioch CA 94509

051 410 023
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3001 Almondridge Dr
Antioch CA 94509

051 410 024
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3005 Almondridge Dr
Antioch CA 94509

051 420 001
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1725 Bermuda Way
Antioch CA 94509

051 420 002
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1729 Bermuda Way
Antioch CA 94509

051 420 003
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051 420 004
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1728 Bermuda Way
Antioch CA 94509

051 420 005
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1732 Bermuda Way
Antioch CA 94509

051 420 006
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1736 Bermuda Way
Antioch CA 94509

051 420 007
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1745 Bermuda Way
Antioch CA 94509

051 420 008
Resident
1741 Bermuda Way
Antioch CA 94509

051 420 009
Resident
1740 Bermuda Way
Antioch CA 94509

051 420 010
Resident
1744 Bermuda Way
Antioch CA 94509

051 420 011
Resident
1820 E 18th St
Antioch CA 94509

051 420 012
Resident
1860 E 18th St
Antioch CA 94509