

OPERATING ENGINEERS
LOCAL UNION NUMBER 3
NEW PERMANENT STANDBY GENERATOR
INSTALLATION

1620 SOUTH LOOP ROAD
ALAMEDA CA, 94501

ISSUED FOR PLAN CHECK 11/4/16

GENERAL NOTES

1. PRIOR TO SUBMITTING A BID, THE CONTRACTOR IS RESPONSIBLE TO HAVE EXAMINED THE SITE AND VERIFIED DIMENSIONS AND FIELD CONDITIONS. DO NOT SCALE DRAWINGS. DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL OFFSETS, BENDS, ELBOWS, ETC., WHICH MAY BE REQUIRED FOR PROPER INSTALLATION OF WORK. PROVIDE ADDITIONAL BENDS AND/OR OFFSETS AS REQUIRED TO COMPLETE WORK AT NO ADDITIONAL COST.
2. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, TOOLS AND LABOR REQUIRED FOR A COMPLETE, FULLY FUNCTIONAL SYSTEM. ALL EQUIPMENT INSTALLED UNDER THIS PROJECT SHALL BE NEW AND LISTED FOR ITS INTENDED USE. NO USED OR RECONDITIONED EQUIPMENT SHALL BE SUPPLIED WITHOUT WRITTEN APPROVAL FROM THE OWNER.
3. THE CONTRACTOR IS RESPONSIBLE TO PAY ALL FEES AND OBTAIN ALL PERMITS REQUIRED FOR THE COMPLETION OF THIS WORK. COORDINATE ALL REQUIRED INSPECTIONS WITH THE LOCAL AHJ PRIOR TO CLOSING OR SEALING WORK.
4. COORDINATION OF WORK WITH OTHER CRAFTS EMPLOYED IN THE PROJECT IS MANDATORY. CAREFULLY EXAMINE THE SPACE AVAILABLE TO DETERMINE FINAL ROUTING AND ELEVATIONS OF SERVICES. SHOULD REARRANGEMENT OR RE-ROUTING OF LINES OR PIPING BE NECESSARY, PROVIDE FOR APPROVAL THE SIMPLEST LAYOUT POSSIBLE FOR THAT PARTICULAR PORTION OF THE WORK.
5. THE EXISTENCE OF ANY PIPING, DUCTS OR OTHER SERVICE FACILITIES ARE SHOWN IN A GENERAL WAY ONLY. EXISTING INFORMATION SHOWN ON DRAWING HAS BEEN TAKEN FROM EXISTING DRAWINGS AND/OR CURSORY FIELD SKETCHES TAKEN FROM EXISTING FIELD OBSERVATIONS. CRITICAL ENGINEERING GROUP, INC. AND THEIR REPRESENTATIVES ARE NOT RESPONSIBLE FOR THE ACCURACY OR ADEQUACY OR CONFORMANCE WITH CODES OF ANY WORK SHOWN AS EXISTING.
6. ALL WORK REQUIRES AN APPROVED METHOD OF PROCEDURE (MOP) PRIOR TO COMMENCEMENT. OBTAIN MOP FORM AND FORMAT FROM OWNER FOR REFERENCE. THE COST FOR RESEARCH, PREPARATION AND APPROVAL OF MOPS SHALL BE INCLUDED IN CONTRACTOR BIDS.
7. CONTRACTOR TO REMOVE ALL MATERIALS DEMOLISHED OR TAKEN OUT OF SERVICE FROM THE SITE AND DISPOSE OF IN ACCORDANCE WITH ALL LOCAL CODES AND REGULATIONS.
8. THE CONTRACTOR SHALL MAINTAIN AREAS FREE OF DUST AND DEBRIS ACCUMULATION AT ALL TIMES. PROVIDE TEMPORARY DUST PARTITIONS AND WALK OFF MATS AT ALL OPENINGS TO WORK AREA. UTILIZE ONLY "HEPA VAC" UNITS FOR CLEAN UP. AT MINIMUM, ALL WORK AREAS SHALL BE MOPPED, VACUUMED, AND CLEANED AT THE END OF EACH SHIFT OR MORE OFTEN DEPENDING ON WORK ACTIVITIES.
9. CONTRACTOR IS RESPONSIBLE FOR ALL ERECTION, BRACING & SHORING OF EXISTING AND NEW EQUIPMENT OR MATERIALS UNTIL SUCH TIME IT IS PERMANENTLY SUPPORTED OR IS READY FOR REMOVAL DURING CONSTRUCTION, WHETHER SCHEDULED FOR DEMOLITION OR REUSE.
10. PROTECT ALL INTERIOR SPACES AND EQUIPMENT WHICH MAYBE SUBJECT TO CONSTRUCTION DAMAGE, DUST AND DEBRIS. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE ANY DAMAGED AREAS. REFER TO ADDITIONAL NOTES ON DUST CONTROL.
11. COORDINATE MECHANICAL AND ELECTRICAL WORK WITH EXISTING AND NEW CONDITIONS. ASSURE PROPER CLEARANCE FOR ALL EQUIPMENT AS REQUIRED BY THE NATIONAL ELECTRICAL CODE (NEC) AND LOCAL CODES.
12. NO WELDING, CUTTING OR PATCHING MAY BE PERFORMED WITHIN THE FACILITY MAY BE DONE WITHOUT AN APPROVED MOP. ANY WORK THAT REQUIRES AN OPEN FLAME (WELDING OR SOLDERING) SHALL NOT BE PERFORMED UNTIL A "HOT WORK" PERMIT HAS BEEN OBTAINED FROM BUILDING OPERATIONS PERSONNEL.
12. THE CONTRACTOR SHALL COORDINATE APPROVED WORK HOURS WITH BUILDING OPERATIONS PERSONNEL PRIOR TO SUBMITTING A BID ON THIS PROJECT. WORK HOURS FOR ALL ACTIVITIES SHALL BE CLEARLY IDENTIFIED IN INDIVIDUAL MOPS AND APPROVED BY BUILDING OPERATIONS PRIOR TO COMMENCEMENT.
13. FIRE RATINGS OF ALL BUILDING COMPONENTS (FLOORS, CEILINGS, WALLS, ETC) SHALL BE MAINTAINED AT ALL TIMES. APPROVED FIRESTOPPING MATERIALS AND INSTALLATION SHALL BE COMPLETED AT THE END OF EACH WORK SHIFT.
14. ITEMS FOR THIS PROJECT TO BE COVERED UNDER DEFERRED SUBMITTALS INCLUDE THE STRUCTURAL CALCULATIONS AND DETAILS FOR THE ANCHORAGE OF THE NEW GENERATOR AND ALL OTHER ELECTRICAL EQUIPMENT AND ASSOCIATED COMPONENTS.
15. AS PART OF PROJECT CLOSE OUT, THE CONTRACTOR SHALL PROVIDE:
- A. MANUFACTURER WARRANTY NOT WITHSTANDING, THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND INSTALLATION FOR ONE (1) YEAR WARRANTY FROM COMPLETION. A SIGNED WARRANTY LETTER SHALL ACCOMPANY THE PROJECT CLOSE OUT DOCUMENTS
- B. SERVICE & EQUIPMENT MANUAL (3 COPIES IN 3-RING BINDERS) CONTAINING THE FOLLOWING:
- O. TABLE OF CONTENTS
- D. MANUFACTURERS SERVICE & MAINTENANCE INFORMATION OF ALL EQUIPMENT INSTALLED
- C. TEST REPORTS FOR ALL NEW EQUIPMENT
- D. FULL-SIZED AND REDUCED-SIZED SETS OF "RED LINED" AS-BUILT DRAWINGS UPON THE COMPLETION OF CONSTRUCTION.

PROJECT CONTACTS

OWNER: OPERATING ENGINEERS
1620 SOUTH LOOP RD.
ALAMEDA, CA
CONTACT: DAVID ROGERS
916-502-0638

MECHANICAL ENGINEER: SEEI, INC.
138 SHADOWHILL CIRCLE
SAN RAMON, CA
CONTACT: NENAD SARIC
925-804-6110

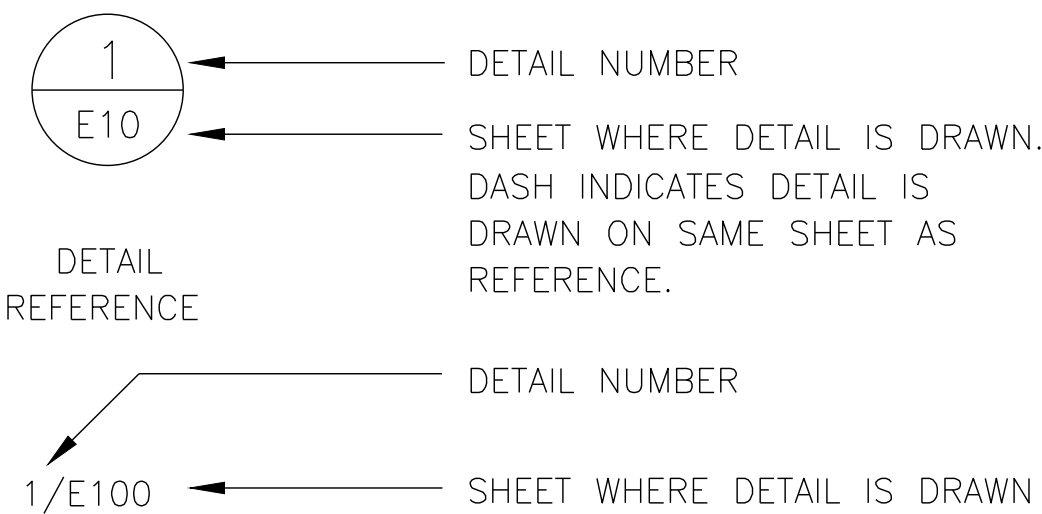
ELECTRICAL ENGINEER: CEG, INC.
3527 MT. DIABLO BLVD., #214
LAFAYETTE, CA
CONTACT: JIM UNDERWOOD
925-465-1374

STRUCTURAL ENGINEER: SDE ENGINEERING
473 SCOTTS MILL ROAD
DANVILLE, CA 94526
CONTACT: SAMUEL DEMIL
925-837-7367

PROJECT DESCRIPTION

TO ELECTRICALLY, MECHANICALLY AND STRUCTURALLY SUPPORT, AS INDICATED IN THESE DRAWINGS, THE INSTALLATION OF A NEW PERMANENT STANDBY GENERATOR.

SYMBOLS



CITY OF ALAMEDA, CONDITIONS OF APPROVAL

- THE HAZARDOUS MATERIAL BUSINESS PLAN (HMBP) FOR THIS SITE SHALL BE UPDATED TO INCLUDE THE DIESEL FUEL STORAGE AND SPILL RESPONSE PLAN AND ALL USE PERMIT CONDITIONS OF APPROVAL. THIS UPDATED PLAN SHALL BE FILED WITH THE ALAMEDA COUNTY DEPT. OF ENVIRONMENTAL HEALTH.
- THE APPROVED USE AND/OR CONSTRUCTION ARE SUBJECT TO, AND SHALL COMPLY WITH, ALL APPLICABLE CITY ORDINANCES, LAWS, AND REGULATIONS OF OTHER GOVERNMENTAL AGENCIES.
- REVOCATION: THE APPROVED USE PERMIT MAY BE MODIFIED OR REVOKED BY THE ZONING ADMINISTRATOR, PURSUANT TO ALAMEDA MUNICIPAL CODE SECTION 30-21.3d SHOULD THE ZONING ADMINISTRATOR DETERMINE THAT:
 - THE USE OR CONDITIONS UNDER WHICH IT IS BEING OPERATED OR MAINTAINED IS DETRIMENTAL TO THE PUBLIC HEALTH, WELFARE OR MATERIALLY INJURIOUS TO PROPERTY OR IMPROVEMENTS IN THE VICINITY;
 - THE PROPERTY IS OPERATED OR MAINTAINED SO AS TO CONSTITUTE A PUBLIC NUISANCE;
 - THE USE IS OPERATED IN VIOLATION OF THE CONDITIONS OF THE USE PERMIT.
- ANY ADDITIONAL EXTERIOR CHANGES SHALL BE SUBMITTED TO THE COMMUNITY DEVELOPMENT DEPARTMENT FOR REVIEW AND APPROVAL.
- VESTING: THE USE PERMIT AND DESIGN REVIEW APPROVAL SHALL EXPIRE (2) YEARS AFTER THE DATE OF APPROVAL OR BY AUGUST 21, 2014 UNLESS AUTHORIZED CONSTRUCTION OR USE OF THE PROPERTY HAS COMMENCED. THE APPLICANT MAY APPLY FOR A TIME EXTENSION, NOT TO EXCEED (2) YEARS. AN EXTENSION REQUEST WILL BE SUBJECT TO APPROVAL BY THE ZONING ADMINISTRATOR AND MUST BE FILED PRIOR TO THE DATE OF EXPIRATION.
- INDEMNIFICATION: THE APPLICANT SHALL DEFEND (WITH COUNSEL REASONABLY ACCEPTABLE TO THE CITY), INDEMNIFY, AND HOLD HARMLESS THE CITY OF ALAMEDA, ITS REDEVELOPMENT AGENCY, THE ALAMEDA CITY PLANNING BOARD AND THEIR RESPECTIVE AGENTS, OFFICERS, AND EMPLOYEES FROM ANY CLAIM, ACTION, OR PROCEEDING (INCLUDING LEGAL COSTS AND ATTORNEY'S FEES) AGAINST THE CITY OF ALAMEDA, ALAMEDA REDEVELOPMENT AGENCY, ALAMEDA CITY PLANNING BOARD, AND THEIR RESPECTIVE AGENTS, OFFICERS, OR EMPLOYEES TO ATTACK, SET ASIDE, VOID OR ANNUL, AN APPROVAL BY THE CITY OF ALAMEDA, THE COMMUNITY DEVELOPMENT DEPARTMENT, ALAMEDA CITY PLANNING BOARD, THE CITY OF ALAMEDA REDEVELOPMENT AGENCY, OR CITY COUNCIL RELATING TO THIS PROJECT. THE CITY SHALL PROMPTLY NOTIFY THE APPLICANT OF ANY CLAIM, ACTION OR PROCEEDING AND THE CITY SHALL COOPERATE IN SUCH DEFENSE. THE CITY MAY ELECT, IN ITS SOLE DISCRETION, TO PARTICIPATE IN THE DEFENSE OF SAID CLAIM, ACTION, OR PROCEEDING.

DRAWING INDEX

GENERAL
TS01
G401
G402
G403
G501

LANDSCAPE
L401
L402

ELECTRICAL
E001
E100
E110
E170
E401
E501
E502
E503
E601
E701

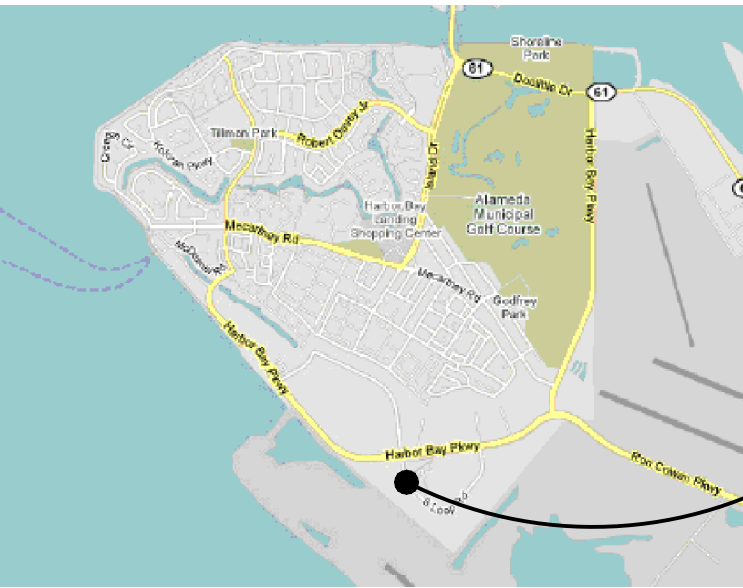
TITLE SHEET, DRAWING INDEX, CODE DATA & VICINITY MAP
ENLARGED PARTIAL SITE PLAN
ELEVATION
GENERAL DETAILS
ENLARGED PARTIAL LANDSCAPE PLAN
ENLARGED PARTIAL IRRIGATION PLAN
ELECTRICAL LEGENDS AND NOTES
POWER SITE PLAN
POWER FLOOR PLAN
POWER ROOF PLAN
ENLARGED PARTIAL POWER SITE PLAN
ELECTRICAL DETAILS
ELECTRICAL DETAILS
ELECTRICAL DETAILS
PANEL SCHEDULES
SINGLE LINE DIAGRAM

DEFERRED SUBMITTALS

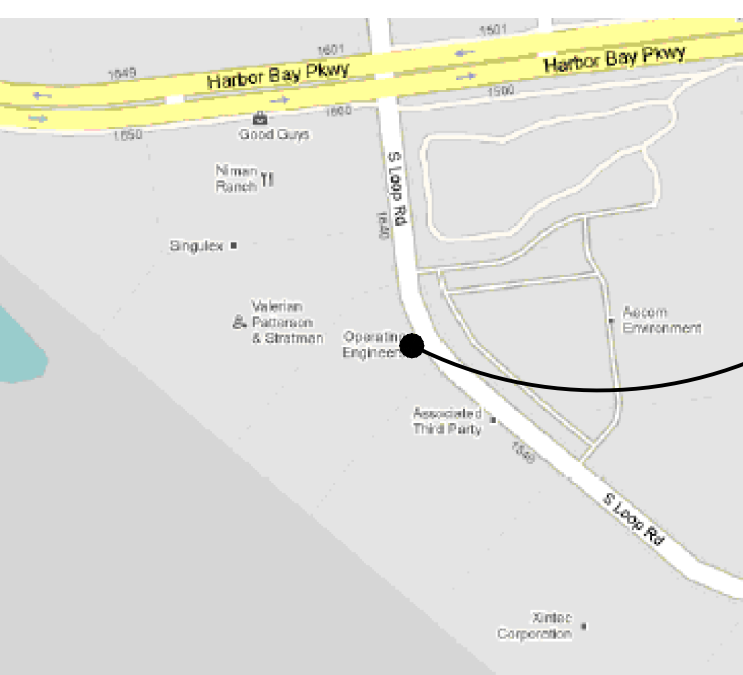
- GENERATOR SPECIFICATIONS.
- STRUCTURAL CALCULATIONS AND DESIGN FOR THE FOLLOWING ITEMS:
 - GENERATOR ANCHORING
 - CONCRETE PAD

MAPS

VICINITY MAP



LOCATION MAP



The Contractor shall be responsible for coordinating the work among the various trades as necessary to avoid conflicts and to ensure the installation of all work within the available space.

CEG, Inc.

Critical Engineering Group, Inc.

3527 Mt. Diablo Boulevard, #214
Lafayette, CA 94549
(925) 465-1374

CONSULTANT:

Saric Engineering Enterprises, Inc.

138 SHADOWHILL CIRCLE
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PROFESSIONAL STAMP:



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

OPERATING ENGINEERS
LOCAL UNION NO. 3
1620 SOUTH LOOP RD.
ALAMEDA, CA 94501



PROJECT:

**NEW STANDBY
GENERATOR
INSTALLATION**

REV.	DATE	DESCRIPTION
-	11/4/16	PLAN CHECK -- UPDATED

SHEET TITLE:

**TITLE
SHEET**

CEG PROJECT NO: 10-041

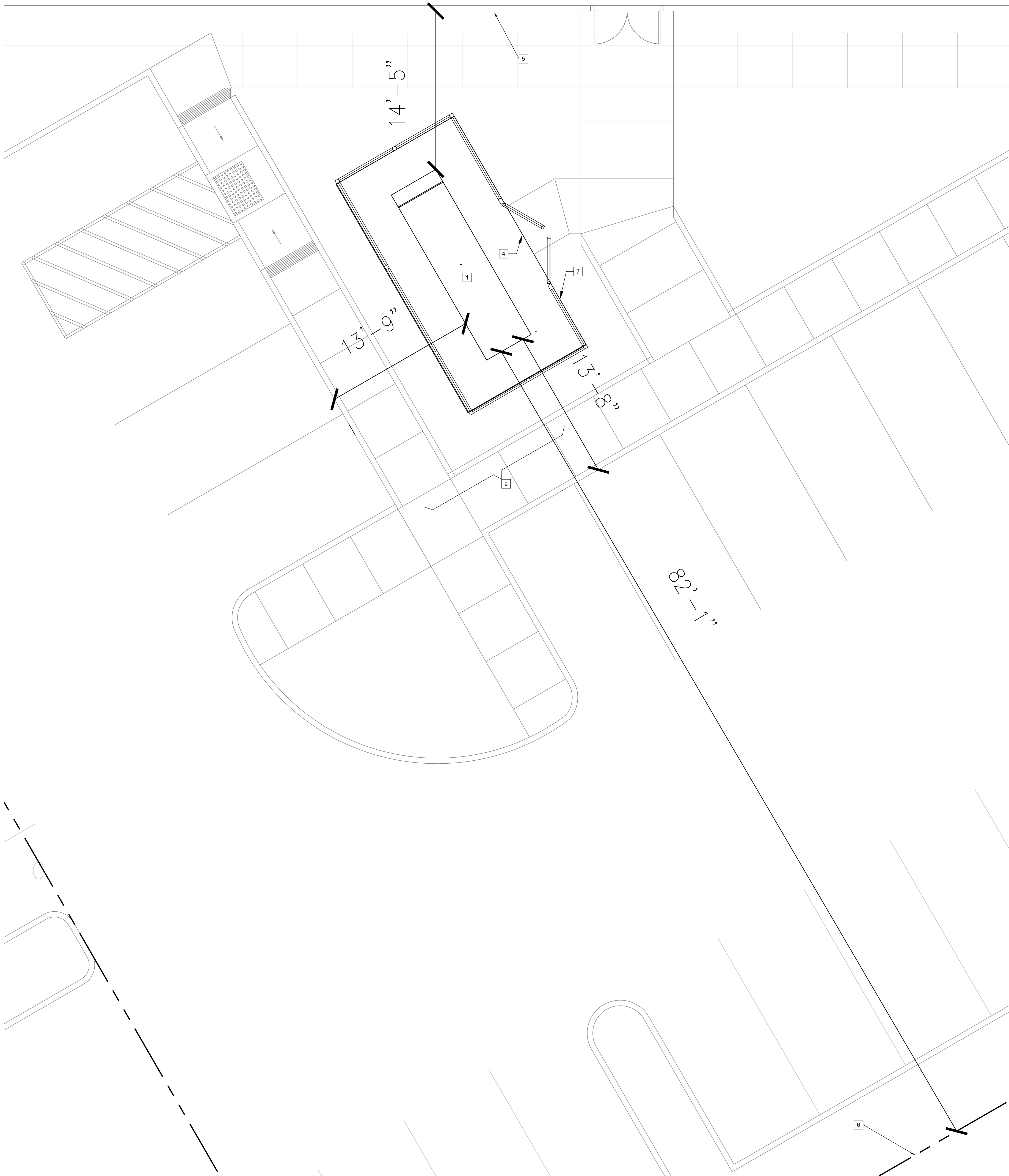
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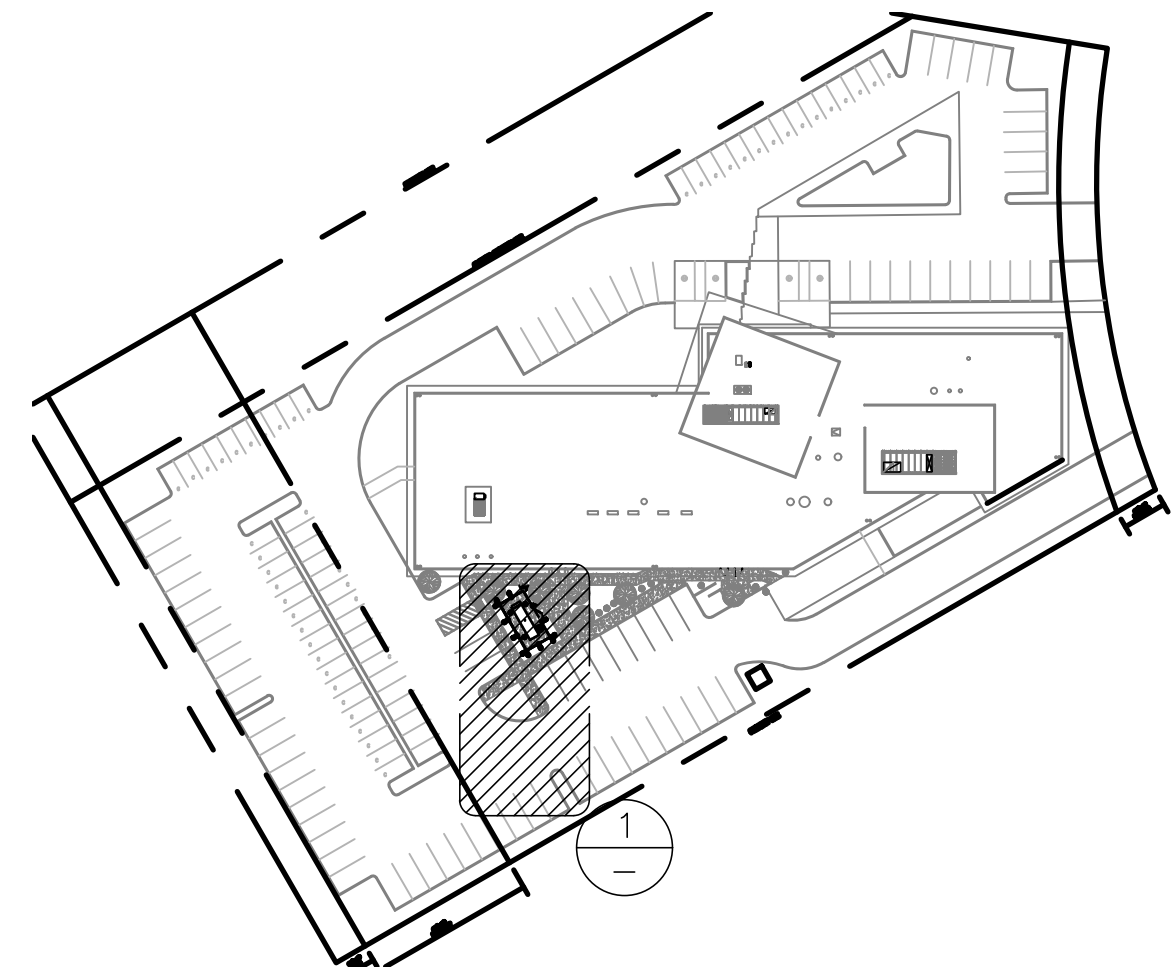
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TS01

SCALE:



1 PARTIAL SITE PLAN
SCALE: 1/4" = 1' - 0"



2 OVERALL SITE PLAN
SCALE: N/A

SHEET NOTES

1. IT IS CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE EXACT EXTENT OF WORK, COORDINATION, DEMOLITION, TEMPORARY FACILITIES, UTILITIES, ETC. NECESSARY TO COMPLETE THE PROJECT AS INDICATED ON THE CONTRACT DOCUMENTS.

KEYED NOTES

- 1 NEW 250KW GENERATOR SUPPLIED BY CONTRACTOR. CONTRACTOR RESPONSIBLE FOR RIGGING AND SETTING GENERATOR FROM STREET TO THE (N) SUPPORT PAD. COORDINATE INSTALLATION REQUIREMENTS WITH GENERATOR VENDOR.
- 2 NOT USED.
- 3 NOT USED.
- 4 NEW GENERATOR CONCRETE PAD. CONCRETE PAD DETAIL TO BE DEFERRED SUBMITTAL.
- 5 EXISTING BUILDING.
- 6 EXISTING PROPERTY LINE.
- 7 NEW FENCE. REFER TO G501 FOR FENCE DETAIL.

GENERATOR REQUIREMENTS

1. GENERATOR TO BE PROVIDED WITH 300 GALLON FUEL TANK FOR 24 HOUR OPERATION.
2. GENERATOR TO BE PROVIDED WITH SOUND ATTENUATED WALK-AROUND ENCLOSURE. SOUND ATTENUATION TO BE RATED 65dB AT 23'.

CITY OF ALAMEDA, CONDITIONS OF APPROVAL

1. OPERATING NOISE LEVELS OF THE EMERGENCY ELECTRICAL GENERATOR SHALL NOT EXCEED NOISE LEVEL STANDARDS LISTED IN SECTION 4-10 OF THE ALAMEDA MUNICIPAL CODE.
2. IN ORDER TO MINIMIZE NOISE IMPACTS TO RESIDENTIAL USES NEAR THE PROJECT SITE, THE EMERGENCY ELECTRICAL GENERATOR SHALL BE PROPERLY MAINTAINED AND THE EXHAUST SYSTEM SHALL INCORPORATE MUFFLERS THAT MEET OR EXCEED MANUFACTURER'S SPECIFICATIONS, AND AT A MINIMUM, PROVIDE FOR COMPLIANCE WITH THE NOISE LEVEL STANDARDS IN SECTION 4-10 OF THE ALAMEDA MUNICIPAL CODE.
3. ALL APPROPRIATE PERMITS FOR AIR QUALITY COMPLIANCE SHALL BE SECURED THROUGH THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT PRIOR TO INSTALLATION OF THE GENERATOR.

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CONSULTANT:

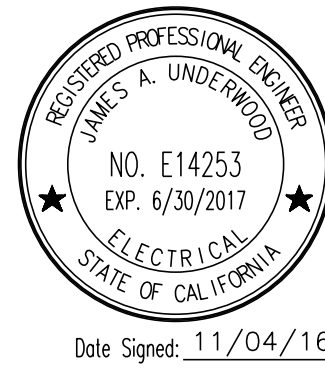
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Date Signed: 11/04/16
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NEW STANDBY
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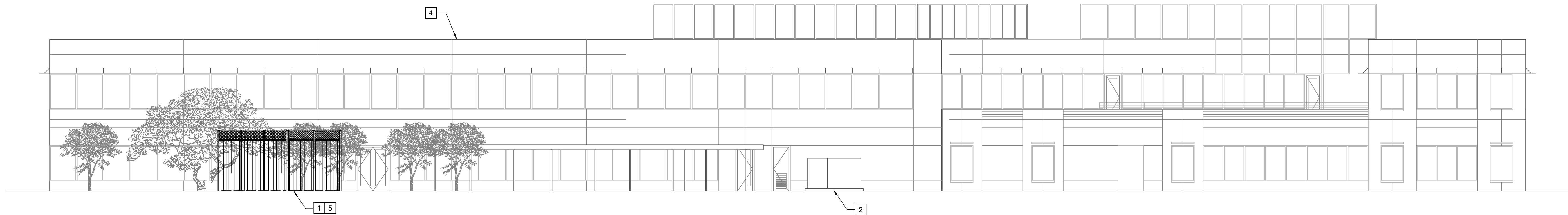
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ENLARGED SITE
PLAN

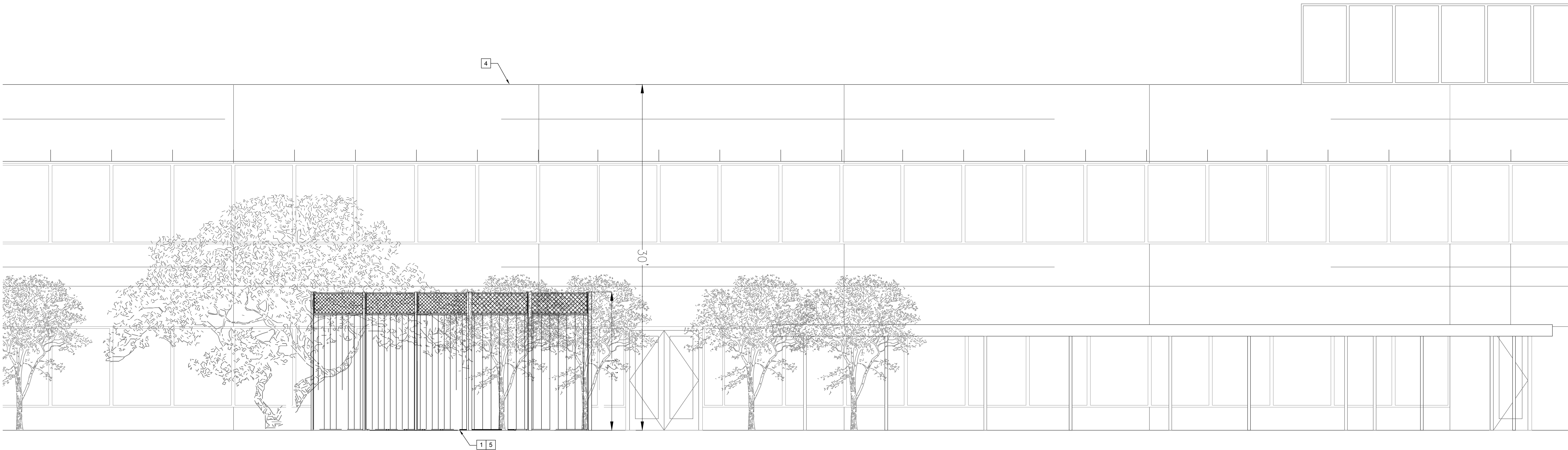
CEG PROJECT NO: 10-041
CAD FILE NAME: 10041 G401
DRAWN BY: PH
CHECKED BY: JU

G401

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



1 SOUTH ELEVATION
SCALE: 3/32" = 1' - 0"



2 PARTIAL SOUTH ELEVATION
SCALE: 1/4" = 1' - 0"

SHEET NOTES

1. REFER TO DWG E001 AND GENERATOR SPECIFICATIONS FOR ELECTRICAL EQUIPMENT AND INSTALLATION REQUIREMENTS.
2. ALL POWER AND SIGNAL CIRCUITS SHALL BE ROUTED UNDERGROUND TO THE GENERATOR ENCLOSURE. PROVIDE REQUIRED CORE OPENING, FIRESTOPPING, CONDUIT SUPPORTS AND BUILDING SEALING ONCE COMPLETE.
3. COORDINATE MISCELLANEOUS AC POWER AND CONTROL CIRCUITS REQUIRED FOR PROPER SYSTEM OPERATION (BATTERY CHARGER, JACKET HEATER, AUTO-START SIGNAL FROM ATS-1, ETC) WITH GENERATOR SUBMITTALS.
4. IT IS CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE EXACT EXTENT OF WORK, COORDINATION, DEMOLITION, TEMPORARY FACILITIES, UTILITIES, ETC. NECESSARY TO COMPLETE THE PROJECT AS INDICATED ON THE CONTRACT DOCUMENTS.
5. VERIFY LOCATION IN THE FIELD OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATING. COORDINATE WITH PUBLIC UTILITIES AS NECESSARY TO COMPLETE REQUIRED WORK AS INDICATED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR/REPLACEMENT OF ALL DAMAGED UTILITIES AT THE EXPENSE OF THE CONTRACTOR.
6. PANELBOARDS AND SWITCHBOARDS DO NOT SHOW ALL BRANCH CIRCUITS. REFER TO SCHEDULES.
7. PROVIDE SEPARATE INSULATED GROUNDING CONDUCTOR IN ALL FEEDER AND BRANCH CIRCUITS.
8. SEE PANELBOARD AND SWITCHBOARD SCHEDULES FOR PANEL AND SWITCHBOARD BUS AND FEEDER LOADS.
9. WHERE FEASIBLE, FEEDER AND BRANCH CIRCUITS SHALL BE RUN UNDERGROUND AND UNDER THE FLOOR SLAB.
10. ALL EQUIPMENT FOR THIS PROJECT SHALL BE PROVIDED BY THE CONTRACTOR, INCLUDING BUT NOT LIMITED TO SWITCHBOARDS, PANELBOARDS, & GENERATORS. OWNER WILL NOT PROVIDE ANY EQUIPMENT OR SYSTEMS.
11. PROVIDE 2-HOLE LONG BARREL COMPRESSION LUGS FOR ALL POWER AND GROUNDING CONNECTIONS TO A BUS OR WHERE FEASIBLE. USE MANUFACTURER'S COMPRESSION TOOL WITH PROPER DIE FOR EACH CONNECTOR. MANUFACTURER'S EMBOSSED CODING SYSTEM IS REQUIRED. A UNIVERSAL OR DIE-LESS TYPE CRIMPING TOOL SHALL NOT BE USED. PROVIDE LUGS WITH INSPECTOR HOLE FOR ALL INTERIOR INSTALLATIONS. PROVIDE CLOSED LUGS (NO INSPECTION HOLE) FOR EXTERIOR OR UNDERGROUND CONNECTIONS.
12. FEEDER CIRCUITS, GROUND LEADS, AND DEDICATED EQUIPMENT CIRCUITS SHALL NOT BE SPLICED.
13. CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, TRENCHING, BACKFILL, SITE PREP AND SYSTEMS REQUIRED FOR GENERATOR SYSTEM.

KEYED NOTES

- | | |
|---|--|
| 1 | NEW CONTRACTOR PROVIDED 250KW GENERATOR TO BE COMPLETELY ENCLOSED BY NEW FENCE WITH TRELLIS. REFER TO G501 FOR FENCE DETAIL. |
| 2 | EXISTING BUILDING UTILITY TRANSFORMER. |
| 3 | NOT USED |
| 4 | EXISTING FACILITY |
| 5 | NEW FENCE. REFER TO G501 FOR FENCE DETAIL. |

The Contractor shall be responsible for coordinating the work among the various trades as necessary to avoid conflicts and to ensure the installation of all work within the available space.

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CONSULTANT:

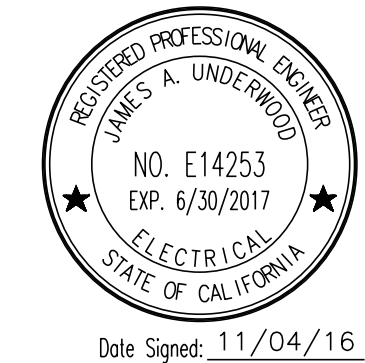
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LOCAL UNION NO. 3

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ALAMEDA, CA 94501



PROJECT:

**NEW STANDBY
GENERATOR
INSTALLATION**

REV.	DATE	DESCRIPTION
-	11/4/16	PLAN CHECK - UPDATED

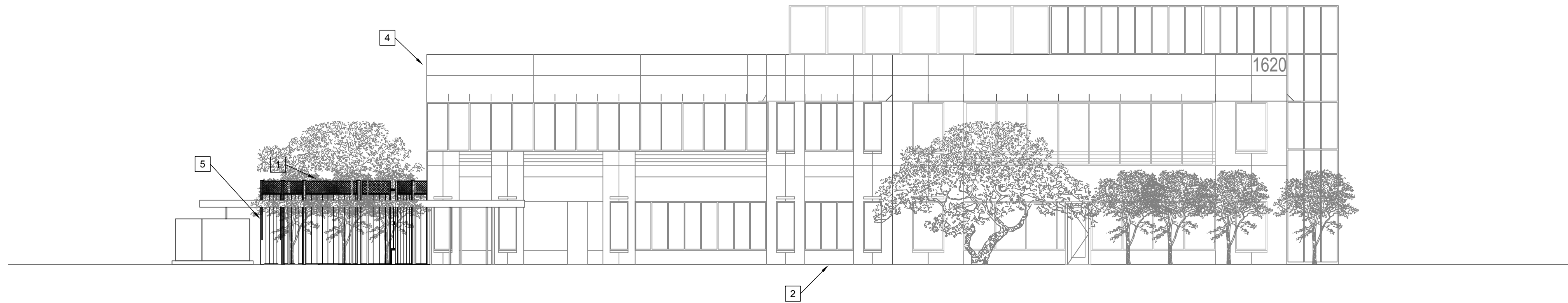
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**PARTIAL SITE
PLAN & BUILDING
ELEVATIONS**

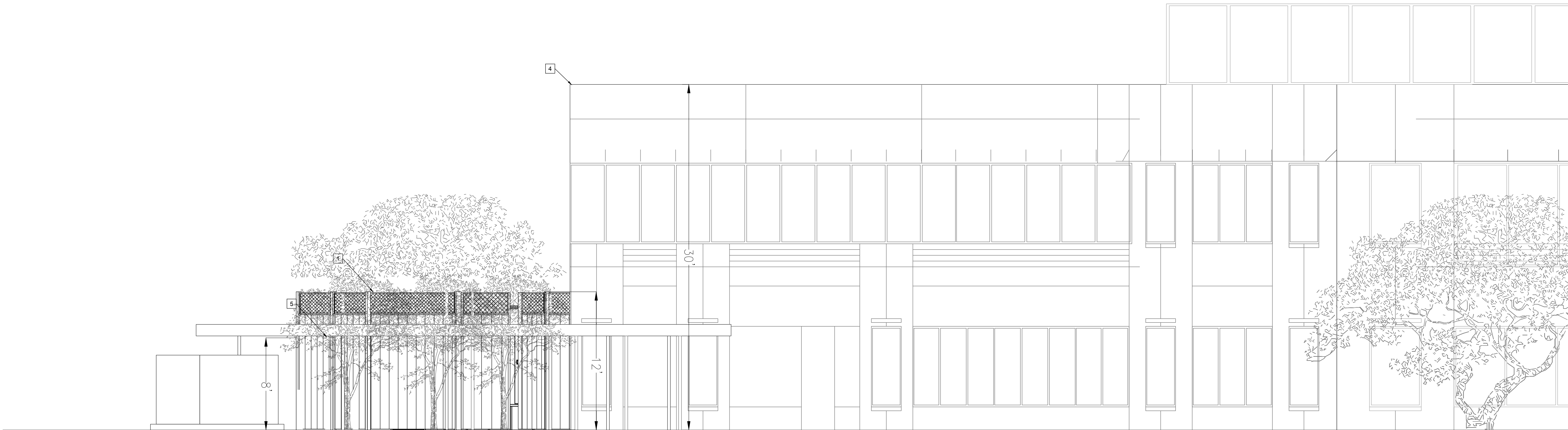
CEG PROJECT NO:	10-041
CAD FILE NAME:	10041 G402
DRAWN BY:	PH
CHECKED BY:	JU

G402

SCALE: N/A



1 EAST ELEVATION
SCALE: 3/32" = 1' - 0"



2 PARTIAL EAST ELEVATION
SCALE: 1/4" = 1' - 0"

SHEET NOTES		#	KEYED NOTES
1. REFER TO DWG E001 AND GENERATOR SPECIFICATIONS FOR ELECTRICAL EQUIPMENT AND INSTALLATION REQUIREMENTS.		1	NEW CONTRACTOR PROVIDED 250KW GENERATOR CONCEALED BEHIND NEW GENERATOR FENCE WITH TRELLIS. REFER TO G501 FOR ACCURATE FENCE/TRELLIS DETAIL.
2. ALL POWER AND SIGNAL CIRCUITS SHALL BE ROUTED UNDERGROUND TO THE GENERATOR ENCLOSURE. PROVIDE REQUIRED CORE OPENING, FIRESTOPPING, CONDUIT SUPPORTS AND BUILDING SEALING ONCE COMPLETE.		2	EXISTING BUILDING UTILITY TRANSFORMER.
3. COORDINATE MISCELLANEOUS AC POWER AND CONTROL CIRCUITS REQUIRED FOR PROPER SYSTEM OPERATION (BATTERY CHARGER, JACKET HEATER, AUTO-START SIGNAL FROM ATS-1, ETC) WITH GENERATOR SUBMITTALS.		3	NOT USED
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5. VERIFY LOCATION IN THE FIELD OF ALL UNDERGROUND UTILITIES PRIOR TO EXCAVATING. COORDINATE WITH PUBLIC UTILITIES AS NECESSARY TO COMPLETE REQUIRED WORK AS INDICATED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR/REPLACEMENT OF ALL DAMAGED UTILITIES AT THE EXPENSE OF THE CONTRACTOR.		5	NEW FENCE. REFER TO G501 FOR FENCE DETAIL.
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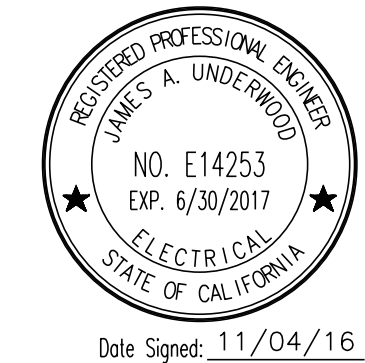
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-	11/4/16	PLAN CHECK - UPDATED

SHEET TITLE:

PARTIAL SITE
PLAN & BUILDING
ELEVATIONS

CEG PROJECT NO:	10-041
CAD FILE NAME:	10041 G403
DRAWN BY:	PH
CHECKED BY:	JU

G403

SCALE: N/A

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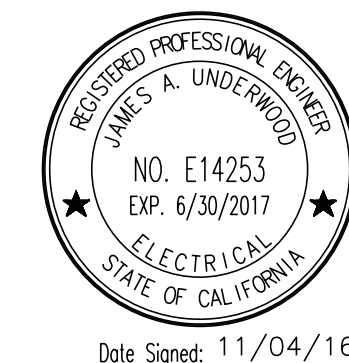
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Enterprises, Inc.**

138 SHADOWHILL CIRCLE
SAN RAMON, CA 94583

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OPERATING ENGINEERS
LOCAL UNION NO. 3

1620 SOUTH LOOP RD.
ALAMEDA, CA 94501



PROJECT:

**NEW STANDBY
GENERATOR
INSTALLATION**

REV.	DATE	DESCRIPTION
-	11/4/16	PLAN CHECK - UPDATED

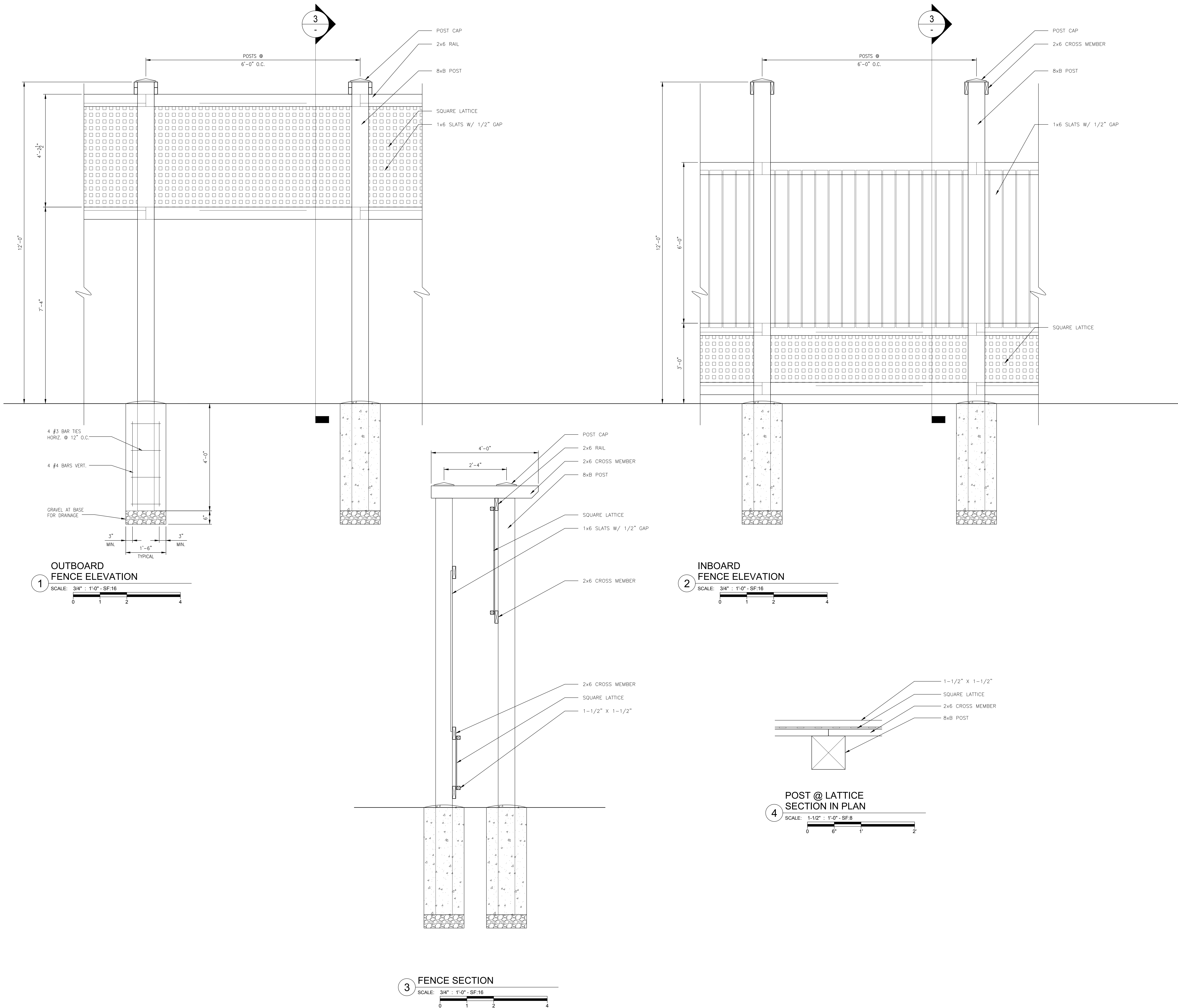
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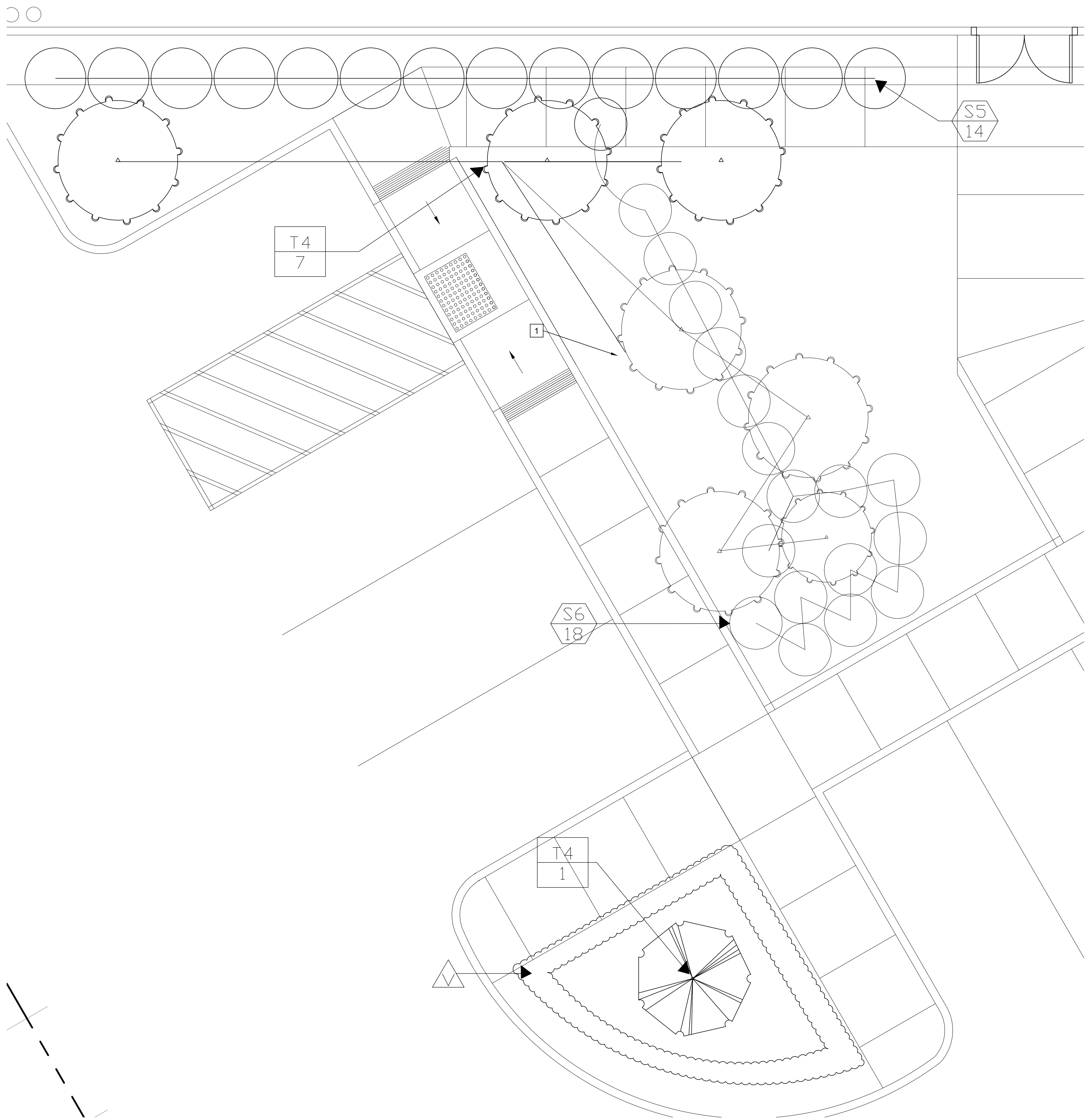
**GENERAL
DETAILS**

CEG PROJECT NO.	10-041
CAD FILE NAME:	10041 E501
DRAWN BY:	PH
CHECKED BY:	JU

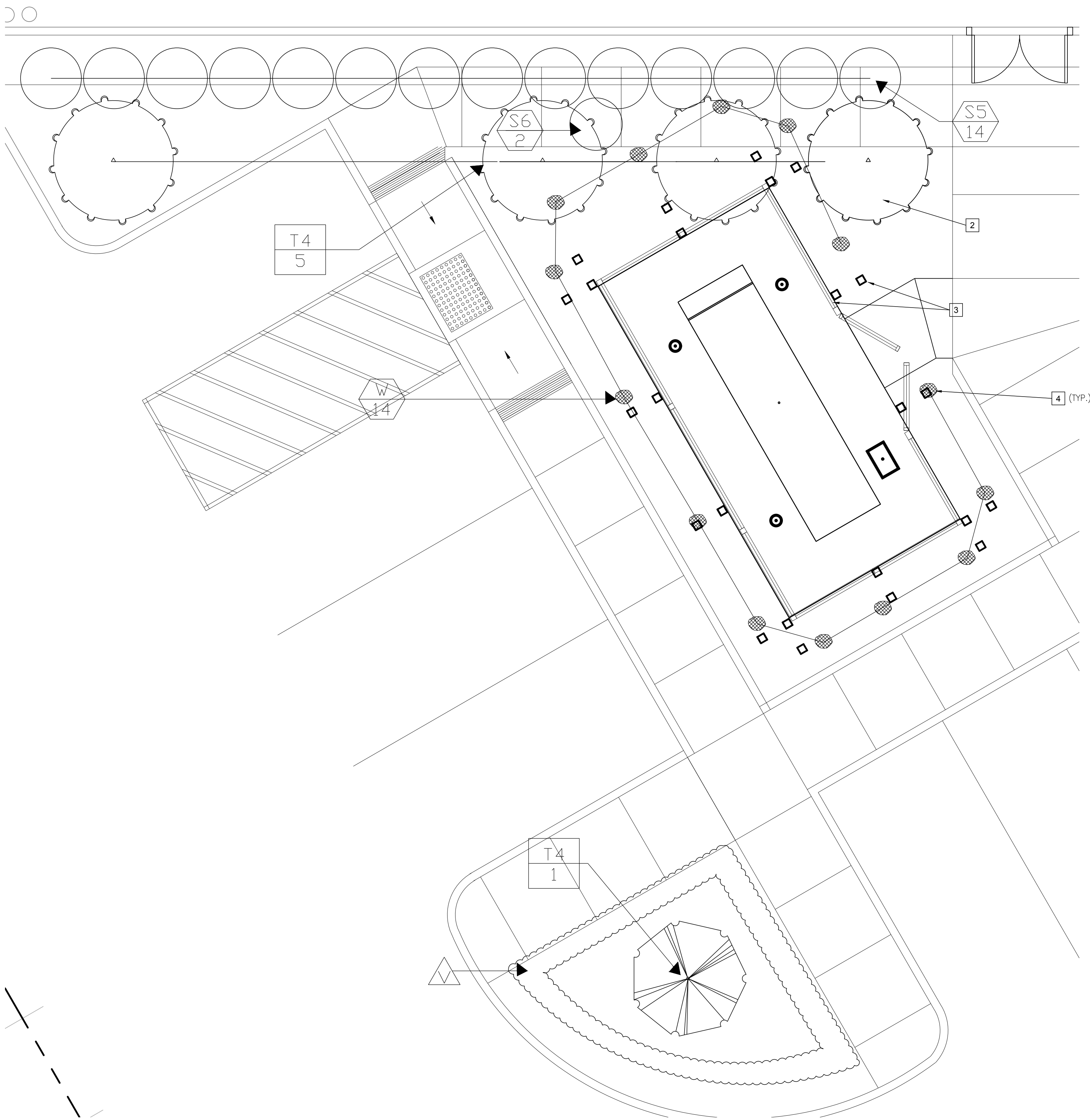
G501

SCALE: N/A





1
EXISTING PARTIAL
LANDSCAPE PLAN
SCALE: 1/4" = 1' - 0"



2
PROPOSED PARTIAL
LANDSCAPE PLAN
SCALE: 1/4" = 1' - 0"

SHEET NOTES

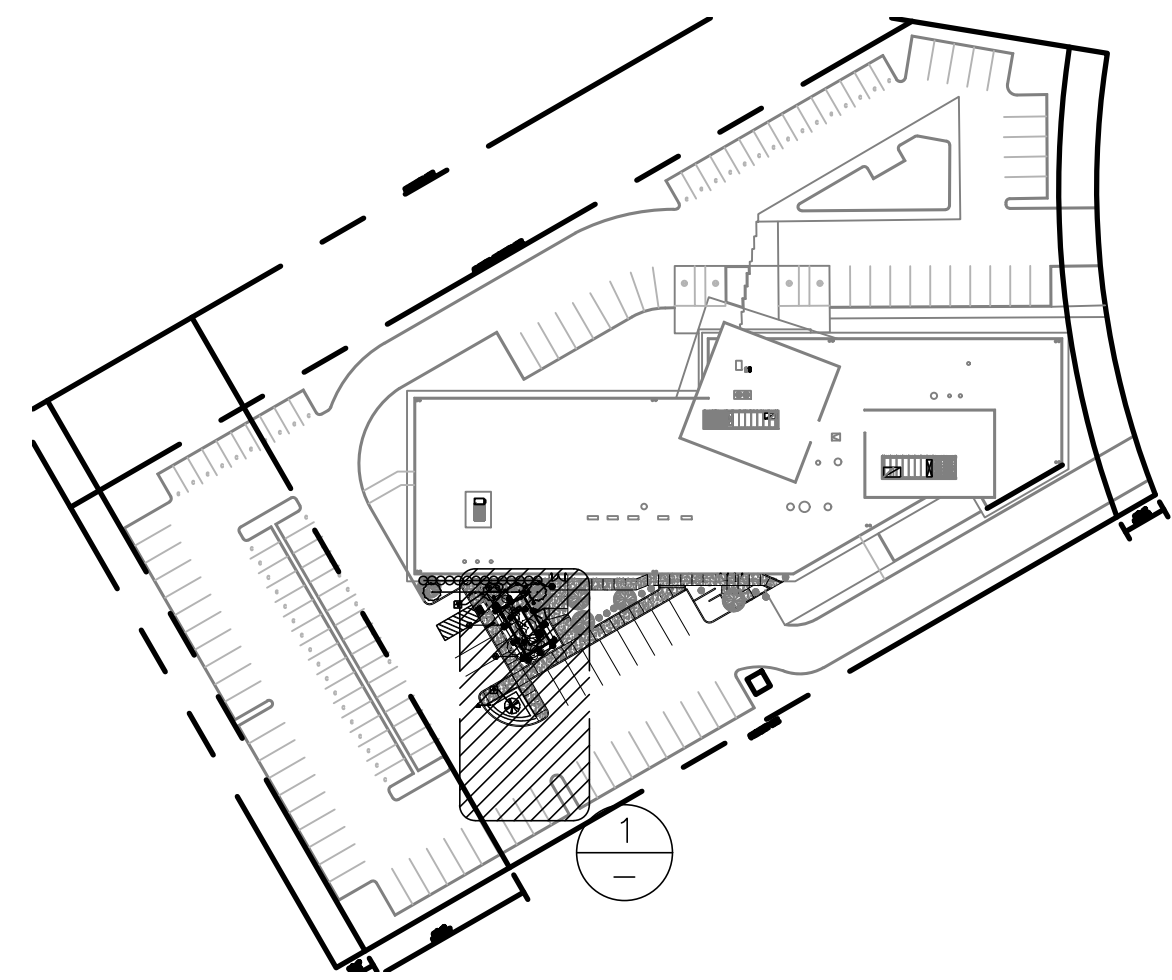
1. IT IS CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE EXACT EXTENT OF WORK, COORDINATION, DEMOLITION, TEMPORARY FACILITIES, UTILITIES, ETC. NECESSARY TO COMPLETE THE PROJECT AS INDICATED ON THE CONTRACT DOCUMENTS.

KEYED NOTES

- 1 EXISTING LANDSCAPE AREA TO BE REMOVED.
2 EXISTING RELOCATED FICUS.
3 NEW FENCE AND TRELLIS. REFER TO G501 FOR FENCE/TRELLIS DETAIL DETAIL.
4 NEW WISTERIA. WISTERIA TO BE PLANTED AT BASE OF COLUMN TO ALLOW TO CLIMB IN TO TRELLIS.

PLANT SCHEDULE

SYMBOL	TAG	BOTANICAL NAME	COMMON NAME
	T4	FICUS NITIDA	GREEN GEM
	T3	EUCALYPTUS RUDIS	DESERT GUM
	S5	PITTOSPORIUM T. "VARIEGATA"	VARIGATED TOBIRA
	S6	PITTOSPORIUM T. "WHEELER'S DWARF"	DWARF TOBIRA
	V	VINCA MINOR	PERIWINKLE
	W	WISTERIA FRUTESCENS	NORTH AMERICAN WISTERIA



2
OVERALL SITE PLAN
SCALE: N/A

The Contractor shall be responsible for coordinating the work among the various trades as necessary to avoid conflicts and to ensure the installation of all work within the available space.

CEG, Inc.

Critical Engineering Group, Inc.

3527 Mt. Diablo Boulevard, #214

Lafayette, CA 94549

(925) 465-1374

CONSULTANT:

**Saric Engineering
Enterprises, Inc.**

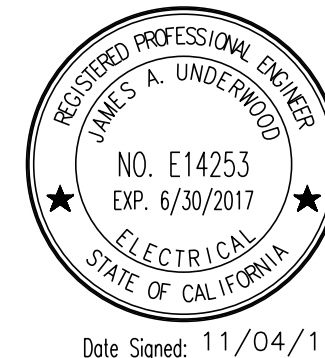
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PROFESSIONAL STAMP:



Date Signed: 11/04/16

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PROJECT:

NEW STANDBY
GENERATOR
INSTALLATION

REV.	DATE	DESCRIPTION
1	11/4/16	PLAN CHECK - UPDATED

SHEET TITLE:

ENLARGED
LANDSCAPE PLAN

CEG PROJECT NO. 10-041

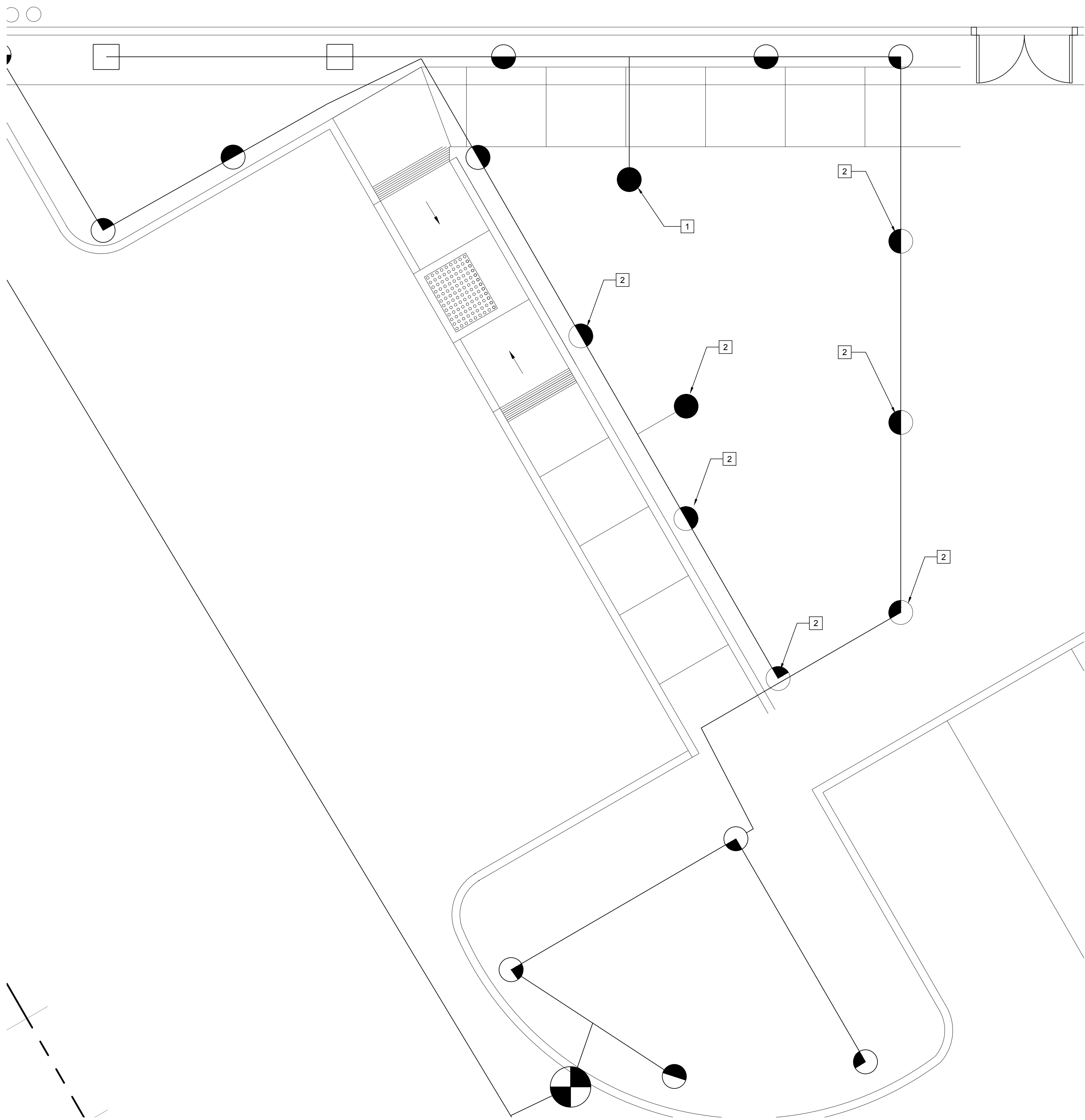
CAD FILE NAME: 10041 G401

DRAWN BY: PH

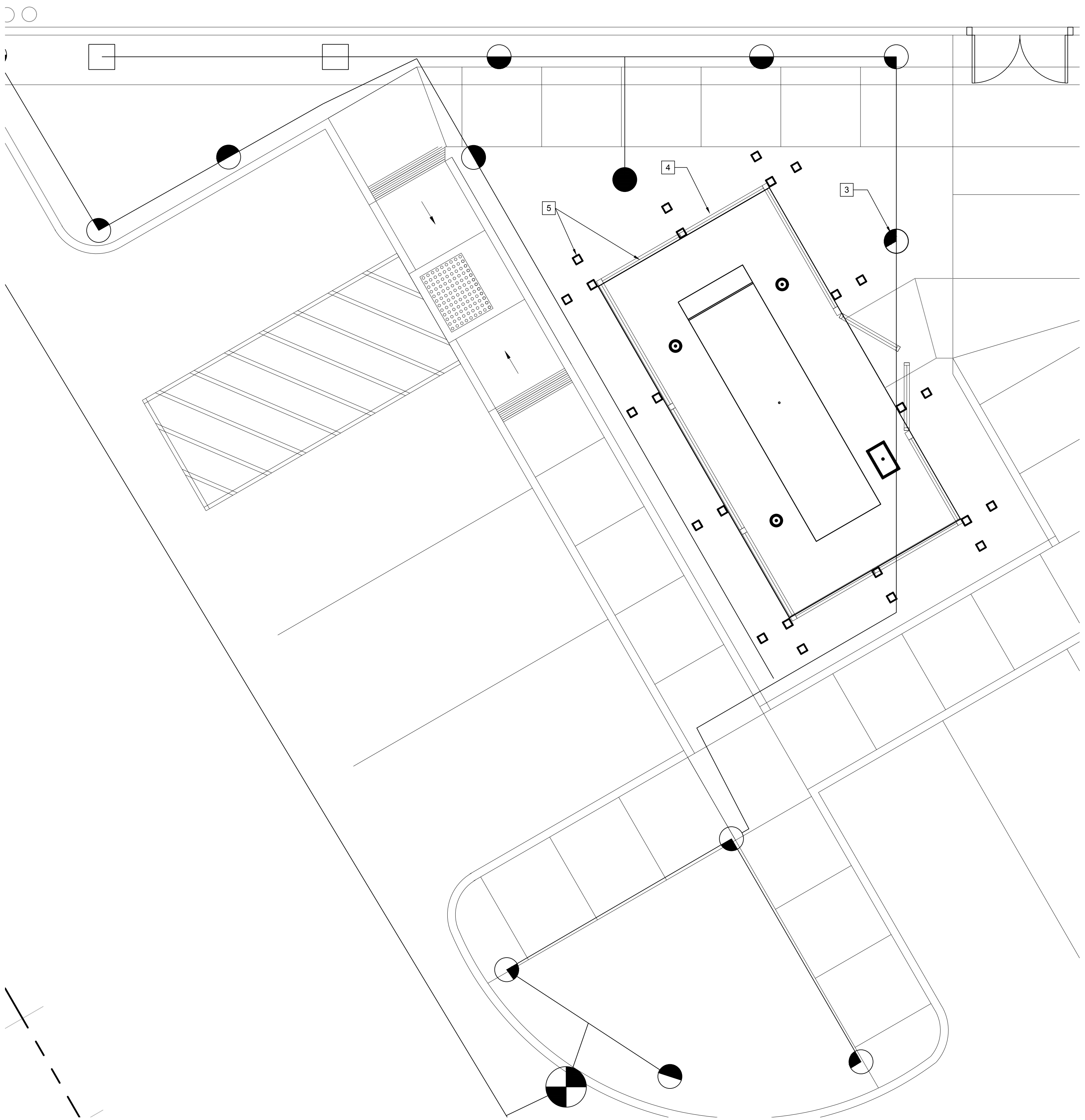
CHECKED BY: JU

L401

SCALE: SEE SHEET



1 EXISTING PARTIAL IRRIGATION PLAN
SCALE: 1/4" = 1' - 0"



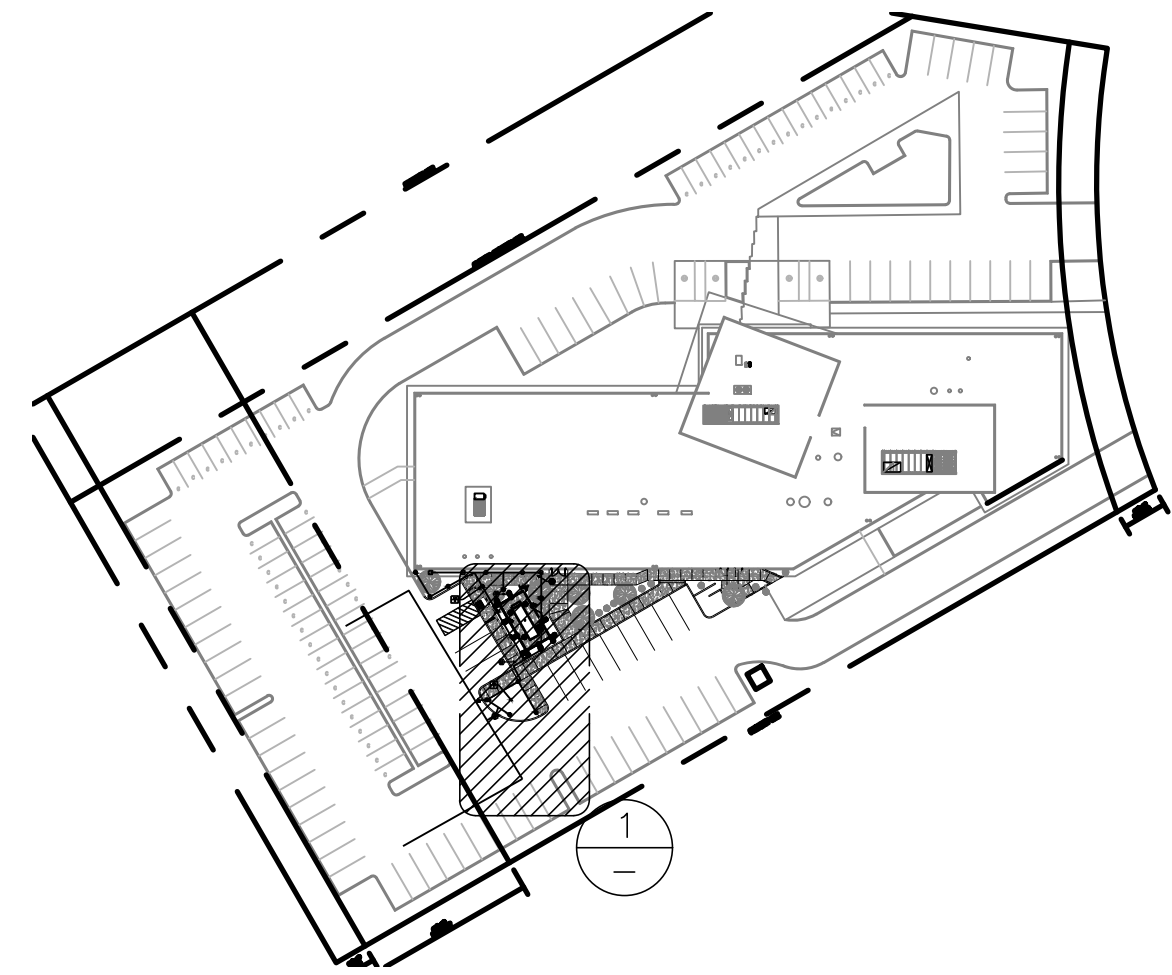
2 PROPOSED PARTIAL IRRIGATION PLAN
SCALE: 1/4" = 1' - 0"

SHEET NOTES

1. IT IS CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND DETERMINE THE EXACT EXTENT OF WORK, COORDINATION, DEMOLITION, TEMPORARY FACILITIES, UTILITIES, ETC. NECESSARY TO COMPLETE THE PROJECT AS INDICATED ON THE CONTRACT DOCUMENTS.

KEYED NOTES

- | # | KEYED NOTES |
|---|--|
| 1 | EXISTING LANDSCAPE ARE IRRIGATION. |
| 2 | DEMOLISHED SPRINKLER AS REQUIRED TO MAKE WAY FOR NEW GENERATOR PAD. |
| 3 | ALTER HEAD SPRAY DIRECTION TO COORDINATE WITH REVISED LANDSCAPE LAYOUT. |
| 4 | PROVIDE COMPLETE TRELLIS DRIP IRRIGATION SYSTEM AS REQUIRED FOR PROPER IRRIGATION. |
| 5 | NEW FENCE. REFER TO G501 FOR FENCE DETAIL. |



2 OVERALL SITE PLAN
SCALE: N/A

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CONSULTANT:

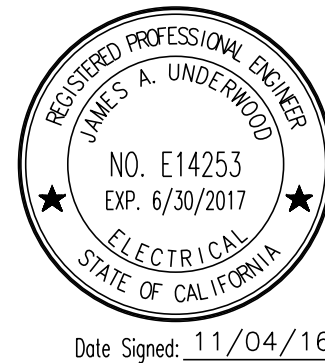
Saric Engineering Enterprises, Inc.

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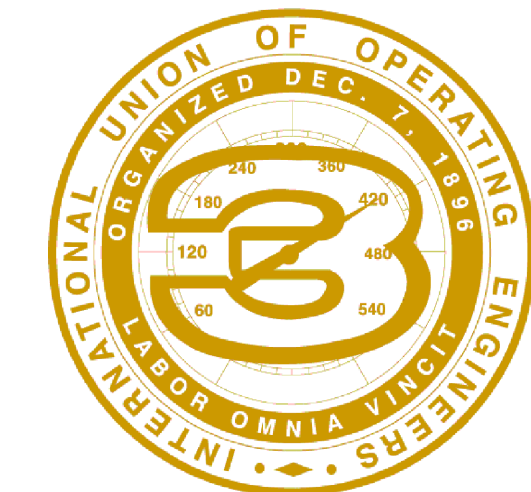
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REV.	DATE	DESCRIPTION
-	11/4/16	PLAN CHECK - UPDATED

SHEET TITLE:

ENLARGED
LANDSCAPE
IRRIGATION PLAN

CEG PROJECT NO. 10-041

CAD FILE NAME: 10041 G401

DRAWN BY: PH

CHECKED BY: JU

L402

SCALE: SEE SHEET