

# PLACERVILLE AIRPORT

## PLACERVILLE, EL DORADO COUNTY, CALIFORNIA

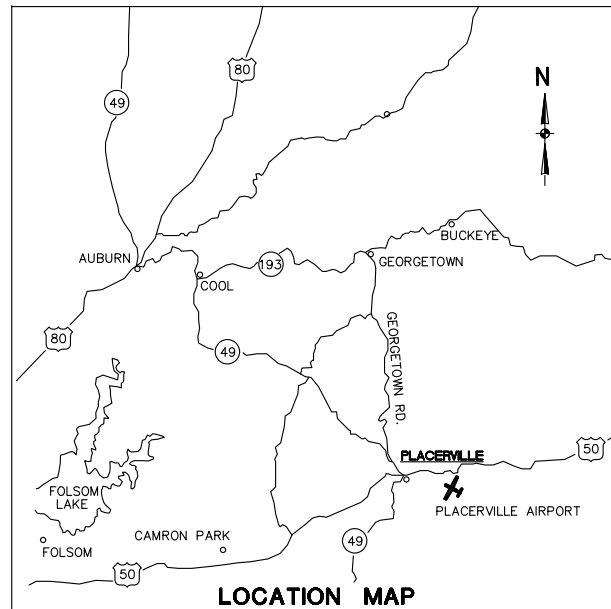
### CONSTRUCTION PLANS FOR: HABITAT / SECURITY FENCE & GATES

**A.I.P. 3-06-0188-14**

**PW #11-30584**

**CIP NO. 93124**

**JULY 2012**



#### SHEET INDEX

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12. AUTOMATIC SLIDING GATE DETAILS
13. GATE CONTROLS AND ISLAND DETAILS



\_\_\_\_\_  
COUNTY OF EL DORADO

ADOPTED & APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
JOHN R. KNIGHT, CHAIR BOARD OF SUPERVISORS

ADOPTED & APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
MATTHEW SMELTZER, DEPUTY DIRECTOR, TRANSPORTATION

DESIGNED BY : \_\_\_\_\_  
**Reinard W. Brandley**  
CONSULTING AIRPORT ENGINEER  
SACRAMENTO, CALIFORNIA

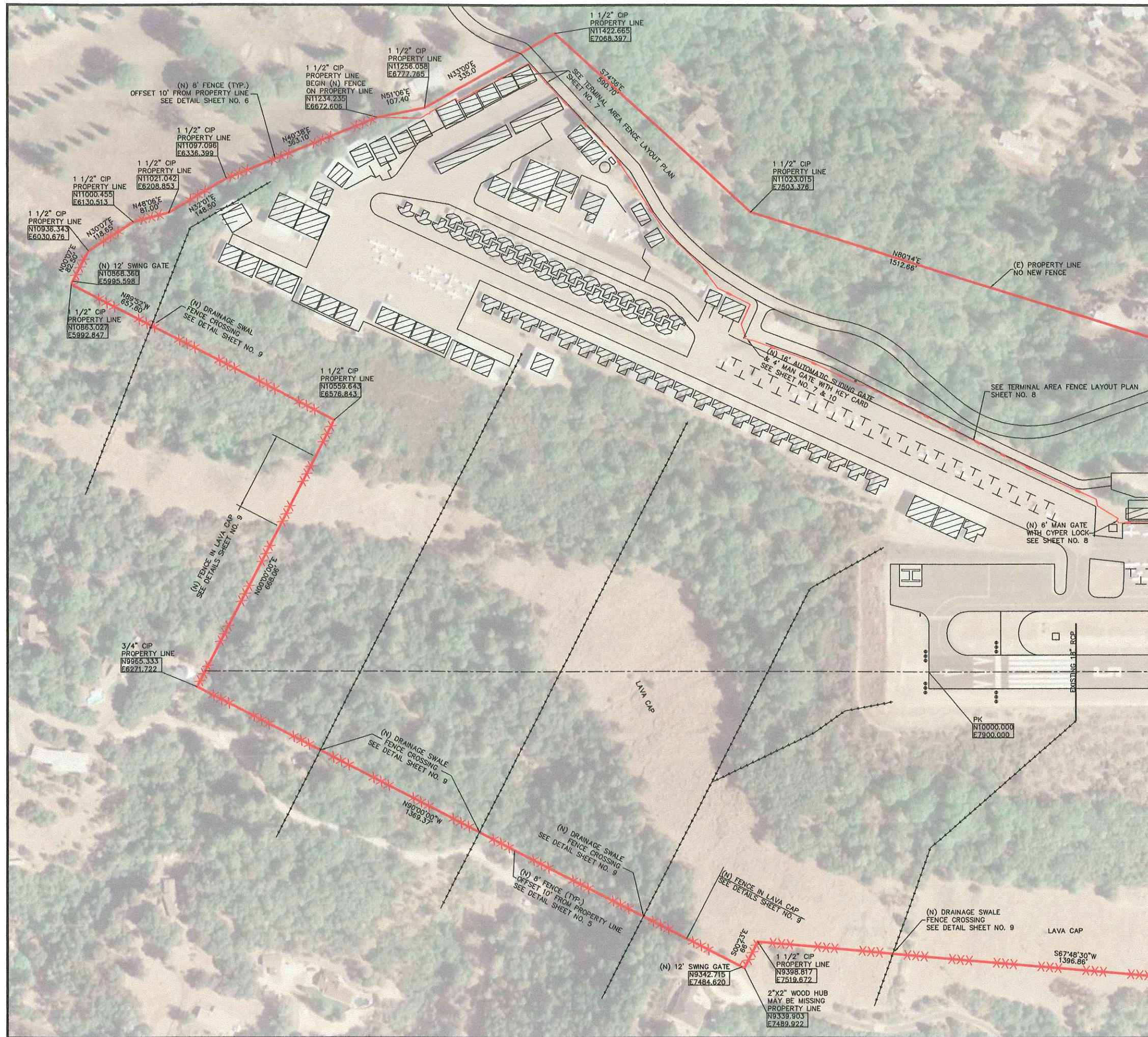
○  
SET NO.

PROJECT ENGINEER C.E. 71139

DATE  
12-0998 B 1 of 13







**VERIFY SCALES**  
 BAR IS ONE INCH ON ORIGINAL DRAWING.  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

**LEGEND**

- NT0000.000 E7900.000 AIRPORT GRID COORDINATES
- EXISTING BUILDING
- EXISTING EDGE OF PAVEMENT
- AIRPORT PROPERTY LINE - NO NEW FENCE
- AIRPORT PROPERTY LINE - NEW 8' FENCE
- NEW FENCE - NOT ON PROPERTY LINE
- EXISTING DRAINAGE SWALE

**NOTES:**

- ALL FENCE LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION.
- IN ALL AREAS WHERE A FENCE LINE IS SHOWN AT THE PROPERTY LINE THE FENCE LINE SHALL BE LOCATED ON AIRPORT PROPERTY 10 FT. IN FROM THE PROPERTY LINE (SEE DETAIL SHEET NO. 6). IN ALL OTHER AREAS THE FENCE LINE LOCATION WILL BE ESTABLISHED IN THE FIELD BY THE ENGINEER.

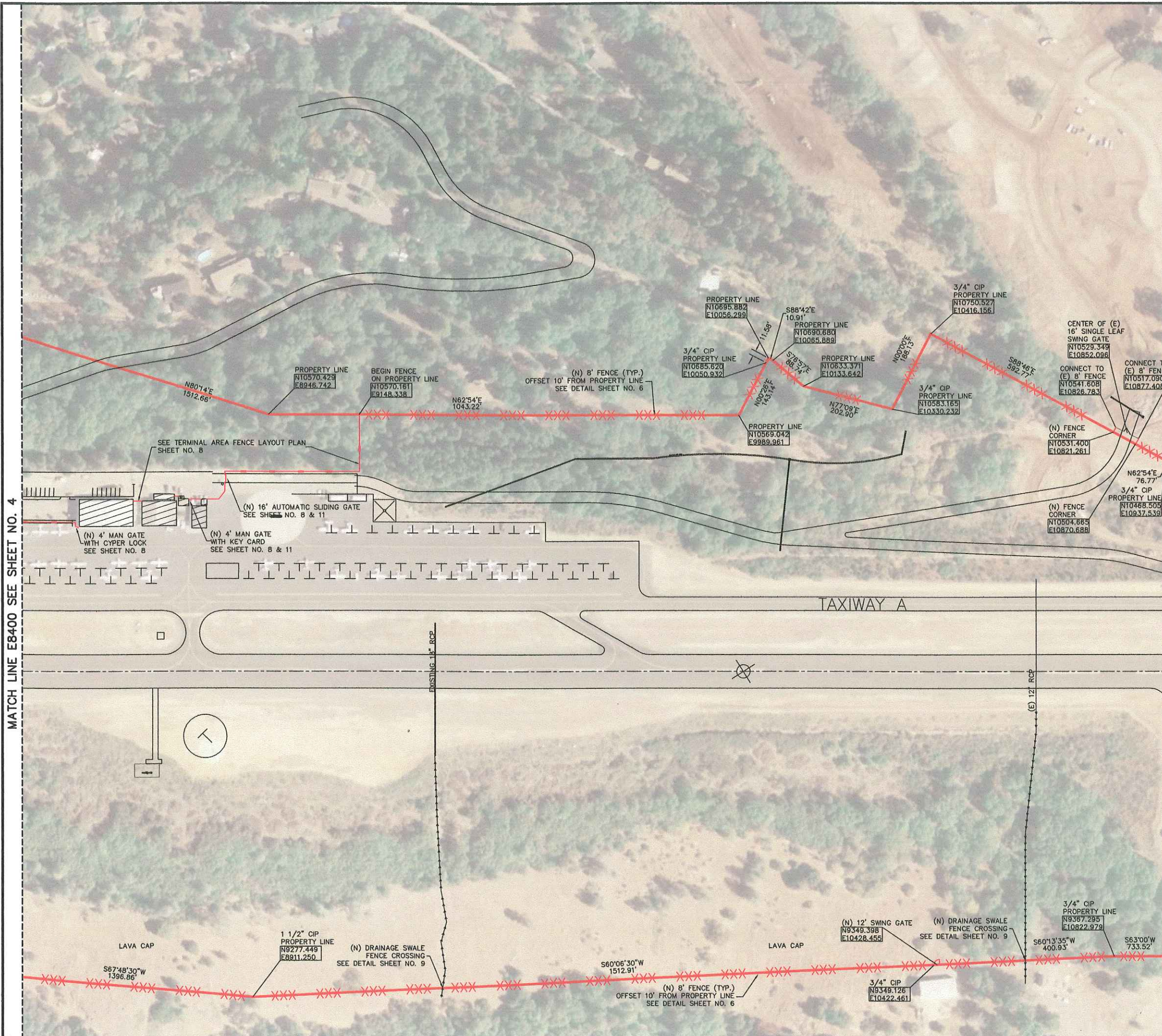
MATCH LINE E8400 SEE SHEET NO. 5

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**PLACERVILLE AIRPORT**  
**CONSTRUCTION OF SECURITY FENCE**  
 FENCE LAYOUT PLAN - SHEET NO. 1

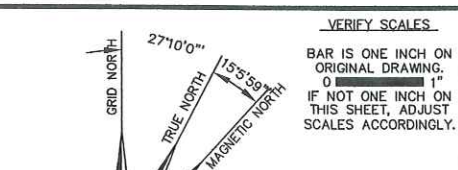
NO.	REVISIONS	BY	DATE	ENGINEER OF RECORD

DESIGN BY: RWB	DRAWN BY: MSB
CHKD BY: RWB	DATE: MARCH 15, 2011
CONTRACT NO. -	PROJECT NO: 15.22
DWG FILE: 1522s004hru8	DRAWING SCALE: 1"=100'
SHEET NUMBER	4 OF 19 SHEETS



MATCH LINE E8400 SEE SHEET NO. 4

MATCH LINE E10950 SEE SHEET NO. 6

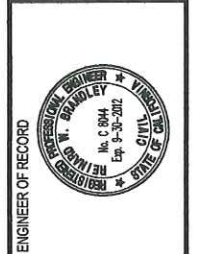


VERIFY SCALES  
 BAR IS ONE INCH ON ORIGINAL DRAWING.  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

- LEGEND**
- NT0000.000  
E7900.000 AIRPORT GRID COORDINATES
  - EXISTING BUILDING
  - EXISTING EDGE OF PAVEMENT
  - AIRPORT PROPERTY LINE - NO NEW FENCE
  - AIRPORT PROPERTY LINE - NEW 8' FENCE
  - NEW FENCE - NOT ON PROPERTY LINE
  - EXISTING FENCE TO REMAIN
  - EXISTING DRAINAGE SWALE

- NOTES:**
1. ALL FENCE LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION.
  2. IN ALL AREAS WHERE A FENCE LINE IS SHOWN AT THE PROPERTY LINE THE FENCE LINE SHALL BE LOCATED ON AIRPORT PROPERTY 10 FT. IN FROM THE PROPERTY LINE (SEE DETAIL SHEET NO. 6). IN ALL OTHER AREAS THE FENCE LINE LOCATION WILL BE ESTABLISHED IN THE FIELD BY THE ENGINEER.

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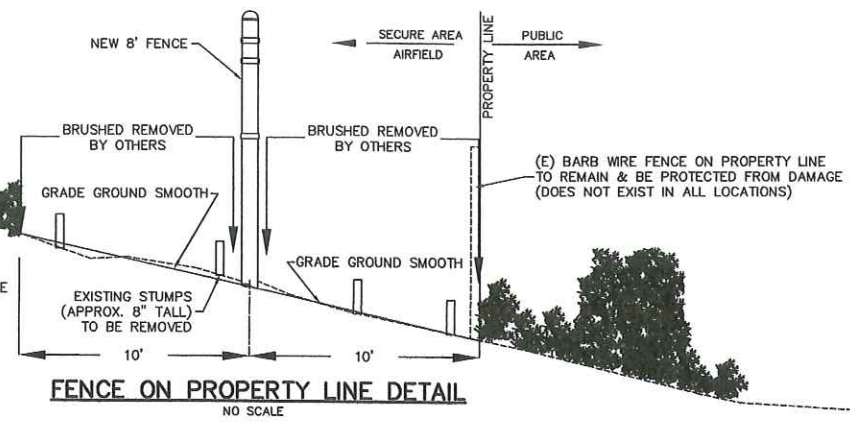


NO.	REVISIONS	BY	DATE	ENGINEER OF RECORD

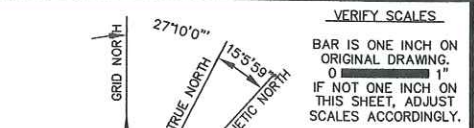
**PLACERVILLE AIRPORT**  
 CALIFORNIA  
**CONSTRUCTION OF SECURITY FENCE**  
 FENCE LAYOUT PLAN - SHEET NO. 2

DESIGN BY: RWB	DRAWN BY: MSB
CHKD BY: RWB	DATE: DATE, 2006
CONTRACT NO. -	PROJECT NO: 15.22
DWG FILE: 1522s004thru8	DRAWING SCALE: 1"=100'
<b>SHEET NUMBER</b>	<b>6 OF 13 SHEETS</b>

- NOTES:**
1. IN AREAS WHERE THE LAVA CAP EXISTS THE GRADING SHALL BE OMITTED.
  2. FOR FENCING DETAILS SEE SHEET NO. 9
  3. FOR NEW TERMINAL AREA FENCE NOT LOCATED ON PROPERTY LINE SEE TERMINAL AREA FENCE LAYOUT PLANS SHEETS NO. 7 & 8

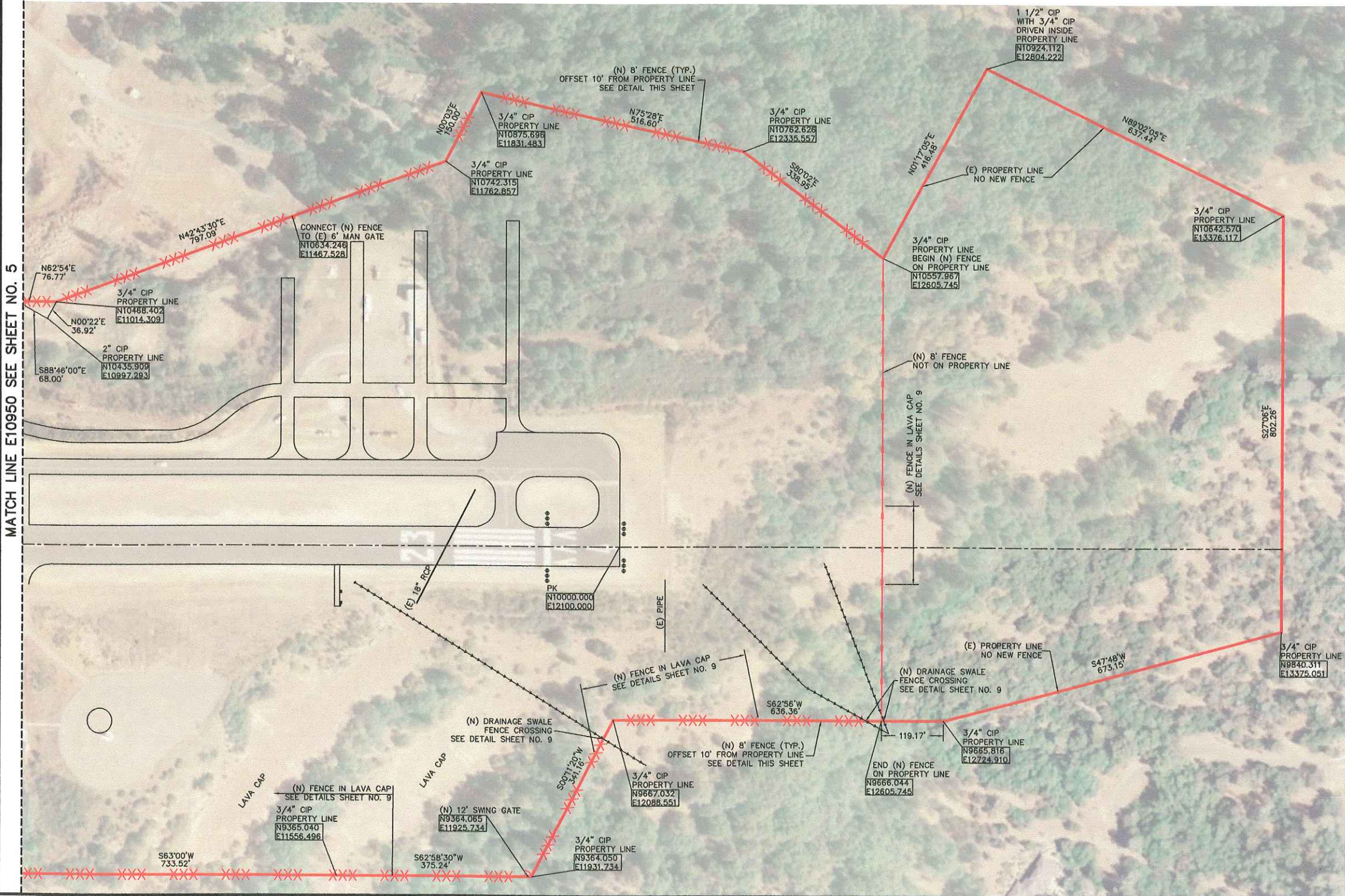


**FENCE ON PROPERTY LINE DETAIL**  
NO SCALE



**VERIFY SCALES**  
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0 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

- LEGEND**
- NT10000.000  
E7900.000 AIRPORT GRID COORDINATES
  - EXISTING BUILDING
  - EXISTING EDGE OF PAVEMENT
  - AIRPORT PROPERTY LINE -- NO NEW FENCE
  - AIRPORT PROPERTY LINE -- NEW 8' FENCE
  - NEW FENCE -- NOT ON PROPERTY LINE
  - EXISTING DRAINAGE SWALE



- NOTES:**
1. ALL FENCE LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION.
  2. IN ALL AREAS WHERE A FENCE LINE IS SHOWN AT THE PROPERTY LINE THE FENCE LINE SHALL BE LOCATED ON AIRPORT PROPERTY 10 FT. IN FROM THE PROPERTY LINE (SEE DETAIL SHEET NO. 6). IN ALL OTHER AREAS THE FENCE LINE LOCATION WILL BE ESTABLISHED IN THE FIELD BY THE ENGINEER.

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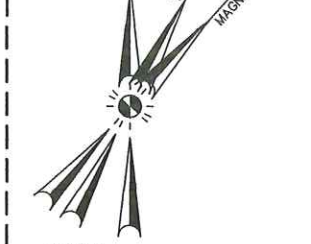


NO.	REVISIONS	BY	DATE	ENGINEER OF RECORD

**PLACERVILLE AIRPORT**  
CALIFORNIA  
**CONSTRUCTION OF SECURITY FENCE**  
FENCE LAYOUT PLAN - SHEET NO. 3

DESIGN BY: RWB	DRAWN BY: MSB
CHK'D BY: RWB	DATE: DATE, 2006
CONTRACT NO. -	PROJECT NO: 1522
DWG FILE: 15226004thru8	DRAWING SCALE: 1"=100'
SHEET NUMBER	6 OF 13 SHEETS

VERIFY SCALES.  
 BAR IS ONE INCH ON ORIGINAL DRAWING.  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



- LEGEND
- NT0000.000  
E7900.000 AIRPORT GRID COORDINATES
  - EXISTING BUILDING
  - EXISTING EDGE OF PAVEMENT
  - AIRPORT PROPERTY LINE - NO NEW FENCE
  - AIRPORT PROPERTY LINE - NEW 8' FENCE
  - NEW FENCE - NOT ON PROPERTY LINE

- NOTES:
1. ALL FENCE LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION.
  2. IN ALL AREAS WHERE A FENCE LINE IS SHOWN AT THE PROPERTY LINE THE FENCE LINE SHALL BE LOCATED ON AIRPORT PROPERTY 10 FT. IN FROM THE PROPERTY LINE (SEE DETAIL SHEET NO. 6). IN ALL OTHER AREAS THE FENCE LINE LOCATION WILL BE ESTABLISHED IN THE FIELD BY THE ENGINEER.

MATCH LINE E7950 SEE SHEET NO. 8



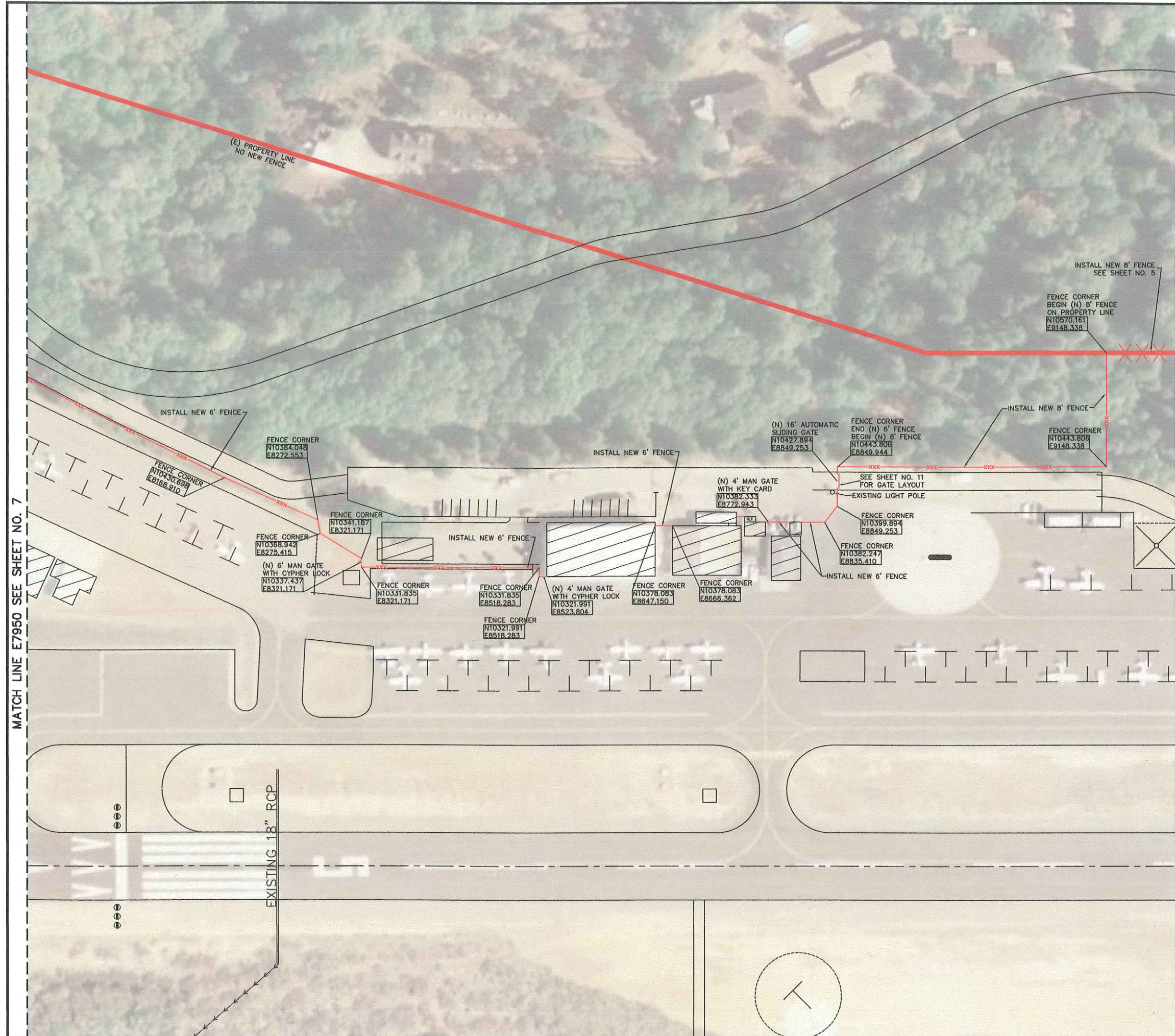
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NO.	REVISIONS	BY	DATE	ENGINEER OF RECORD

**PLACERVILLE AIRPORT**  
 CALIFORNIA  
**CONSTRUCTION OF SECURITY FENCE**  
 TERMINAL AREA FENCE LAYOUT PLAN - SHEET NO. 1

DESIGN BY: RWB	DRAWN BY: MSB
CHKD BY: RWB	DATE: DATE, 2006
CONTRACT No. -	PROJECT NO: 15.22
DWG FILE: 1522s004thru8	DRAWING SCALE: 1"=50'
SHEET <b>7</b> OF <b>13</b> SHEETS	NUMBER



**VERIFY SCALES**  
 BAR IS ONE INCH ON ORIGINAL DRAWING.  
 0 1"  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

GRID NORTH: 27°10'00"  
 TRUE NORTH: 15°5'59.71"  
 MAGNETIC NORTH

**LEGEND**

- N10000.000  
E7900.000 AIRPORT GRID COORDINATES
- EXISTING BUILDING
- EXISTING EDGE OF PAVEMENT
- AIRPORT PROPERTY LINE - NO NEW FENCE
- XXXX AIRPORT PROPERTY LINE - NEW 8' FENCE
- NEW 6' FENCE - NOT ON PROPERTY LINE
- EXISTING FENCE TO REMAIN

- NOTES:**
- ALL FENCE LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION.
  - IN ALL AREAS WHERE A FENCE LINE IS SHOWN AT THE PROPERTY LINE THE FENCE LINE SHALL BE LOCATED ON AIRPORT PROPERTY 10 FT. IN FROM THE PROPERTY LINE (SEE DETAIL SHEET NO. 6). IN ALL OTHER AREAS THE FENCE LINE LOCATION WILL BE ESTABLISHED IN THE FIELD BY THE ENGINEER.

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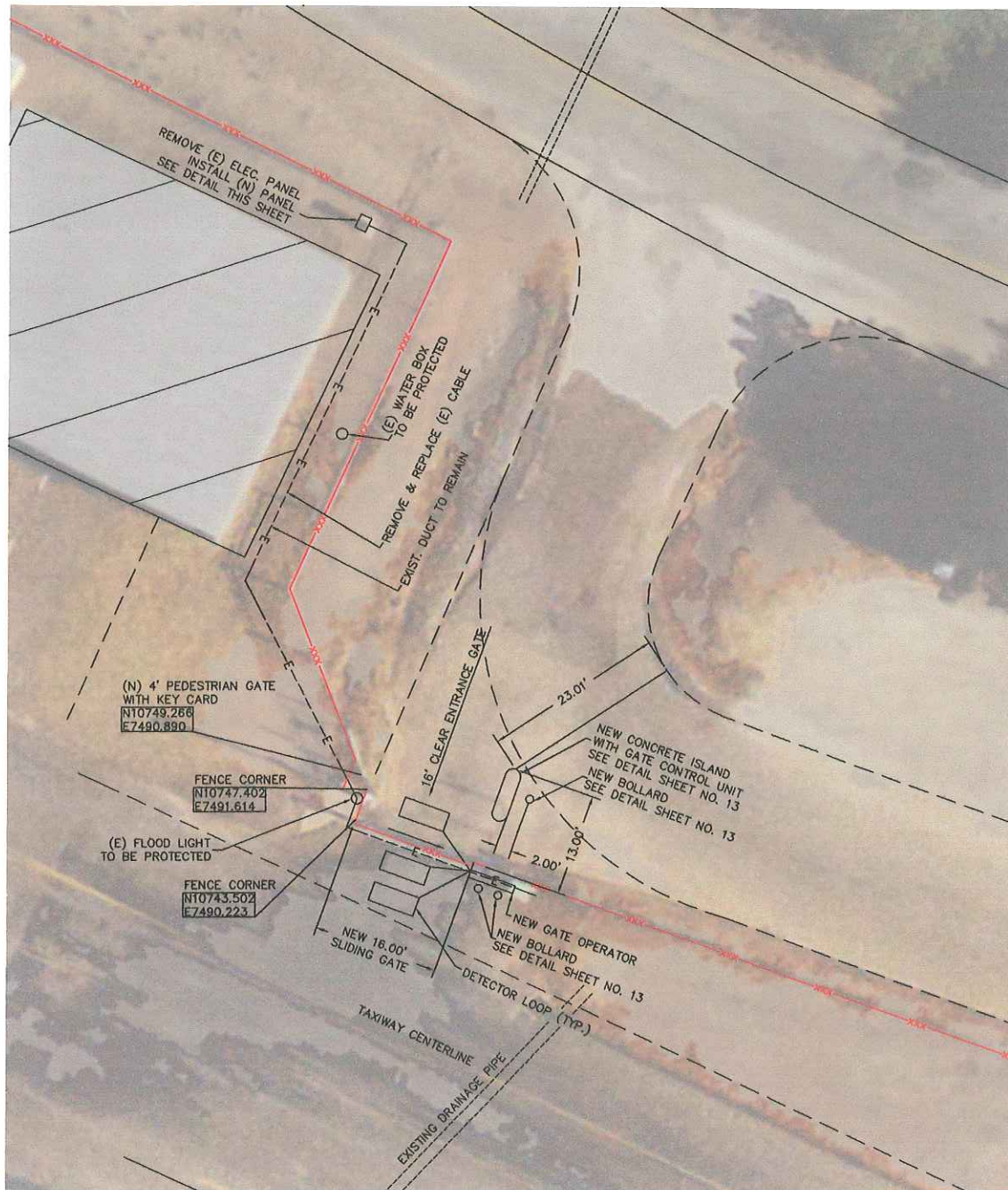
NO.	REVISIONS	BY	DATE	ENGINEER OF RECORD

PLACERVILLE AIRPORT  
 CALIFORNIA  
**CONSTRUCTION OF SECURITY FENCE**  
 TERMINAL AREA FENCE LAYOUT PLAN - SHEET NO. 2

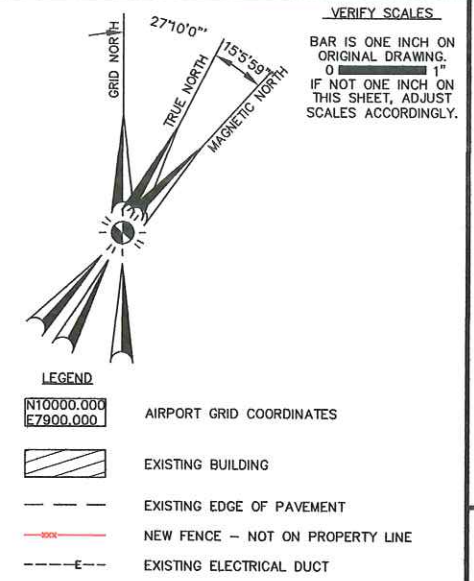
DESIGN BY: RWB  
 DRAWN BY: MSB  
 CHKD BY: RWB  
 DATE: DATE, 2006  
 CONTRACT No. -  
 PROJECT NO: 15.22  
 DWG FILE: 1522s004hru8  
 DRAWING SCALE: 1"=50'

SHEET	NUMBER
8	OF 13 SHEETS



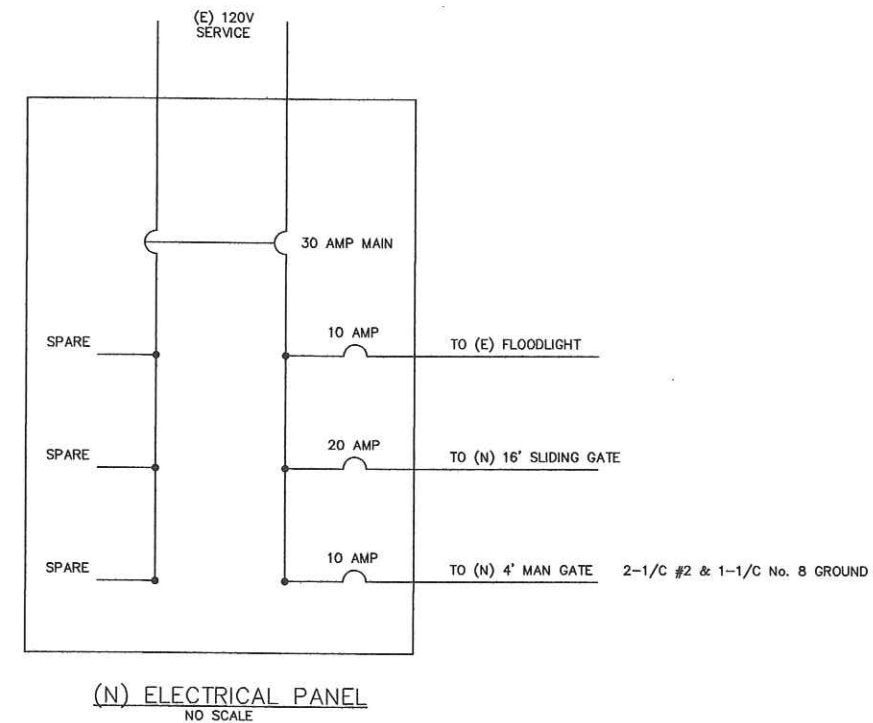


TEE HANGAR AUTOMATIC GATE LAYOUT



**NOTES:**

1. NEW FENCE, GATE & ISLAND LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION.
2. NEW 16' AUTOMATIC SLIDING GATE SHALL BE INSTALLED USING EXISTING GATE TRACK.
3. ELECTRIC POWER SHALL BE OBTAINED FROM THE EXISTING FLOOD LIGHT SERVICE. EXISTING PANEL WITH SINGLE BREAKER SHALL BE REMOVED AND A NEW 120/240 V PANEL INSTALLED WITH A NEW 30 A MAIN BREAKER AND 3 NEW BREAKERS - 2-10 AMP & 1-20 AMP AS SHOWN IN (N) ELECTRICAL PANEL DRAWING THIS SHEET. NO LESS THAN 4 BLANK SPACES FOR FUTURE BREAKERS SHALL BE PROVIDED.
4. EXISTING CABLES SHALL BE PULLED OUT OF EXISTING DUCT, THE EXISTING DUCT MANDRELLED & REPAIRED IF NECESSARY, THE NEW GATE CABLES ADDED TO THE EXISTING FLOOD LIGHT CABLES & THE NEW BUNDLED CABLE PULLED INTO THE DUCT.
5. NEW CABLE SHALL BE NO. 4 THHN - 600 VOLT.



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REGISTERED PROFESSIONAL ENGINEER  
No. C-7135  
Exp. 6-30-2013  
CIVIL

NO.	REVISIONS	BY	DATE	ENGINEER OF RECORD

PLACERVILLE, CALIFORNIA

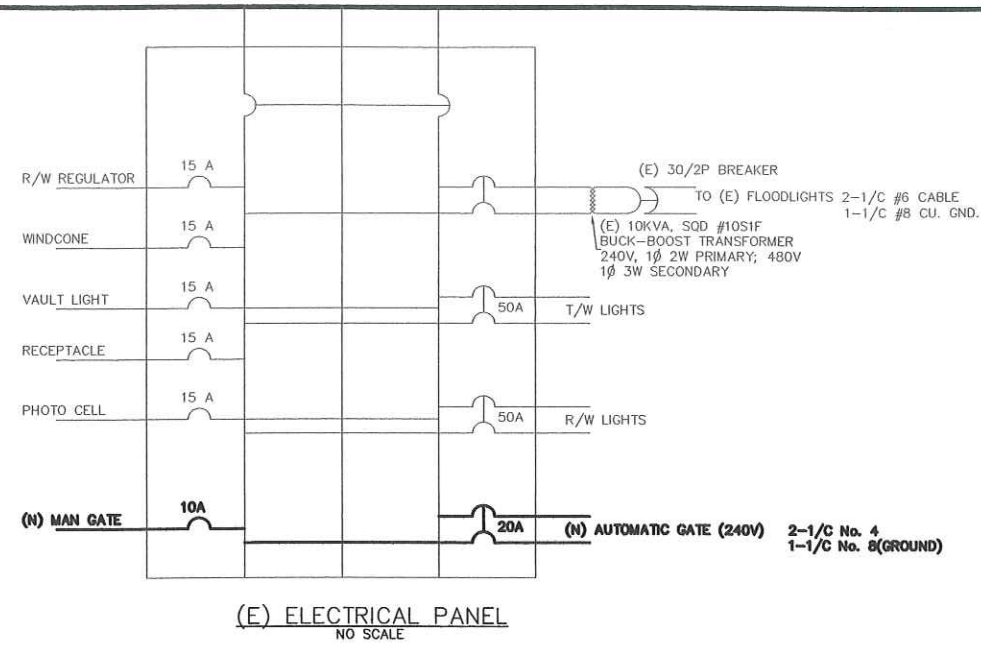
**PLACERVILLE AIRPORT**

**HABITAT / SECURITY FENCE & GATES**

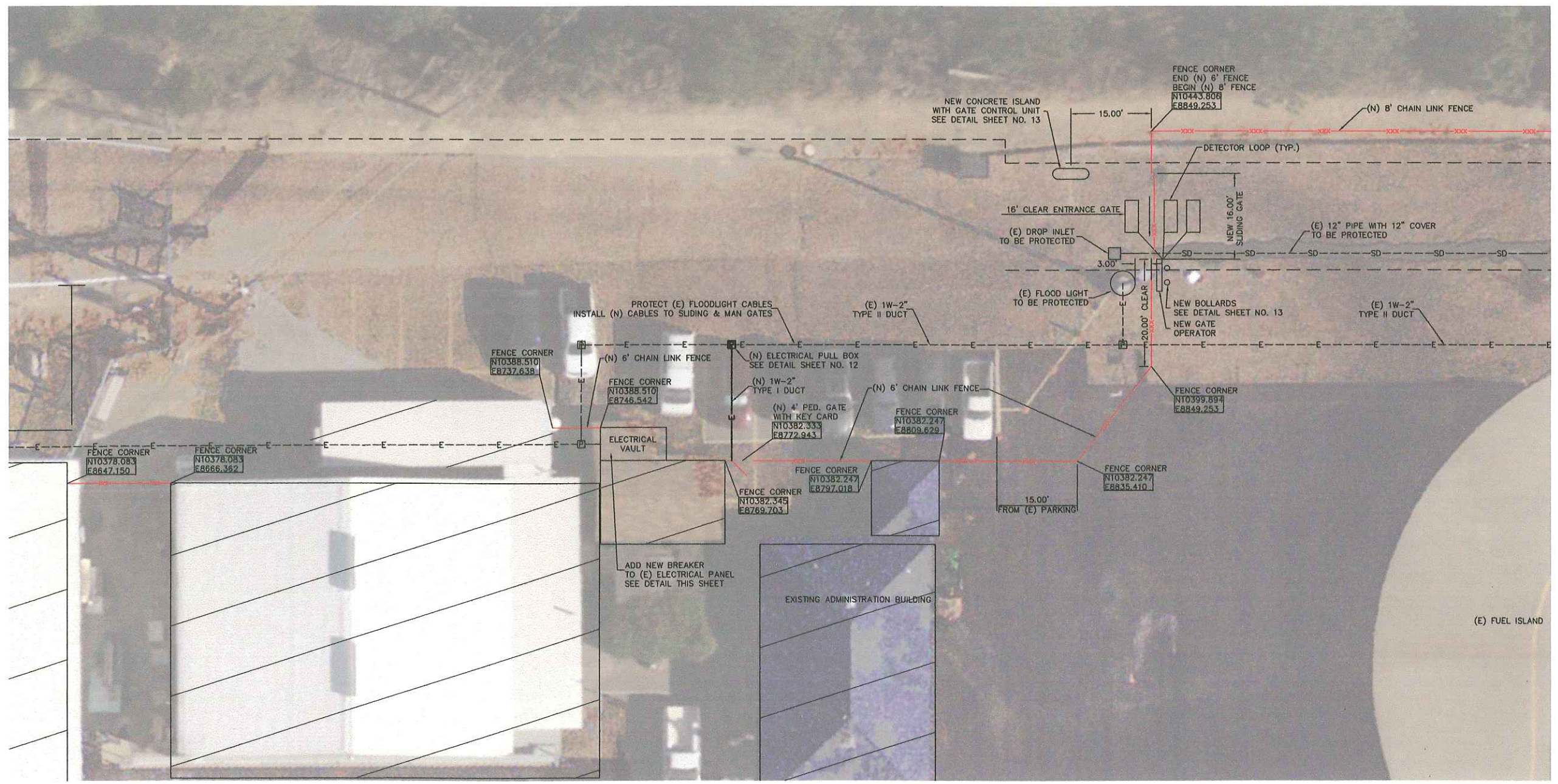
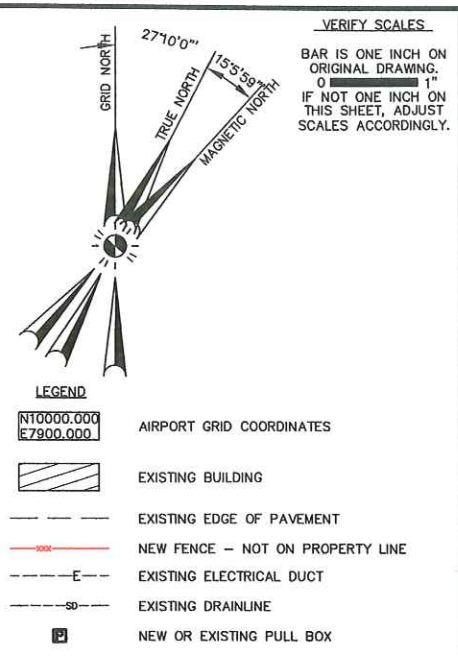
TEE HANGAR AUTOMATIC SLIDING GATE LAYOUT PLAN

DESIGN BY: RWB  
DRAWN BY: MSB  
CHKD BY: RWB  
DATE: JULY 23, 2012  
CONTRACT NO. -  
PROJECT NO: 15.22  
DWG FILE: 1522s010&11  
DRAWING SCALE: 1"=10'

SHEET NUMBER  
9 OF 13 SHEETS



- NOTES:**
1. NEW FENCE, GATE & ISLAND LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION.
  2. ELECTRICAL POWER SHALL BE OBTAINED FROM EXISTING 120/240V ELECTRICAL PANEL IN THE ELECTRICAL VAULT.
  3. EXISTING DUCT & PULL BOXES FROM ELECTRICAL VAULT TO EXISTING FLOOD LIGHT POLE SHALL BE USED TO PULL NEW CABLE FOR THE GATE. EXISTING CABLE SERVING THE FLOODLIGHTS SHALL BE PULLED BACK OUT OF EXISTING DUCT, THE NEW GATE CABLE ADDED & THE CABLE PULLED BACK TO THE VAULT.
  4. CONTRACTOR SHALL INSTALL NEW DUCT, PULL BOXES, PANELS ETC. AS NEEDED TO SERVICE THE GATES. NEW DUCT SHALL BE 2" PVC CONFORMING TO SPECIFICATION L110. NEW CABLE SHALL BE NO. 4 THHN - 600 VOLT.



ADMINISTRATION BUILDING AUTOMATIC GATE LAYOUT

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**PLACERVILLE AIRPORT CALIFORNIA**  
**HABITAT / SECURITY FENCE & GATES**  
MAIN AIRPORT AUTOMATIC SLIDING GATE LAYOUT PLAN

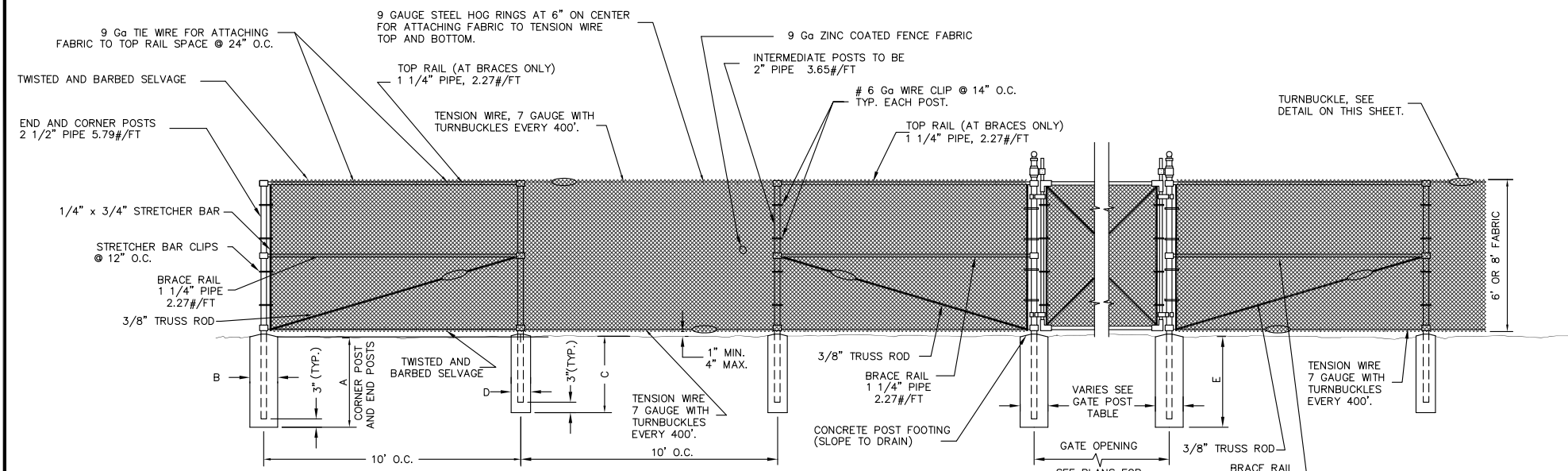
DESIGN BY: RWB  
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CHKD BY: RWB  
DATE: JULY 23, 2012  
CONTRACT NO. -  
PROJECT NO: 15.22  
DWG FILE: 1522s09810  
DRAWING SCALE: 1"=10'

NO.	REVISIONS	BY	DATE

ENGINEER OF RECORD

SHEET NUMBER  
**10 OF 13** SHEETS

VERIFY SCALES.  
 BAR IS ONE INCH ON ORIGINAL DRAWING.  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

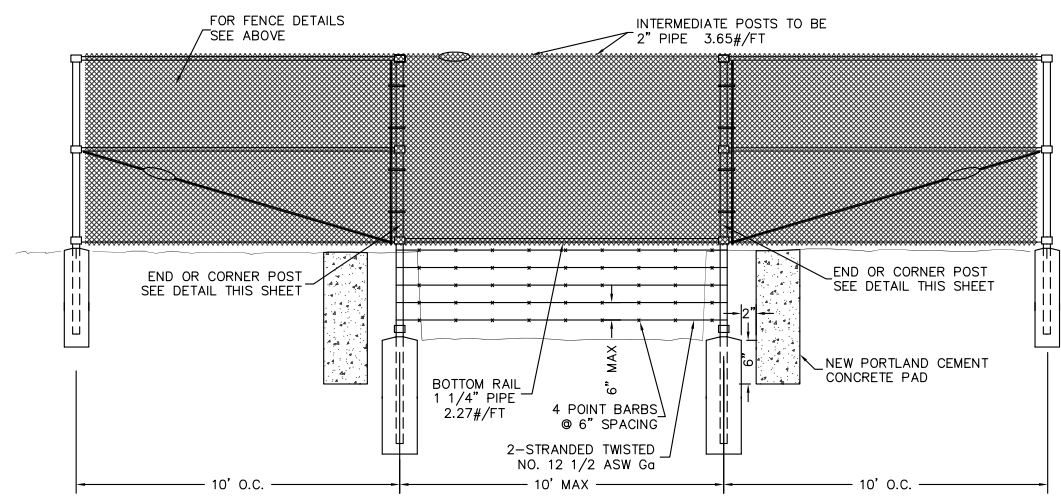


**CLASS E-1 CHAIN LINK FENCE DETAIL**  
 NO SCALE

FENCE MEMBER DIMENSIONS				
PIPE SIZE DESIGNATION	OUTSIDE DIA INCHES	THICKNESS INCHES	WEIGHT lb/ft	USE
2 1/2"	2.875	0.203	5.79	CORNER AND END POST
2"	2.375	0.154	3.65	LINE POSTS
1 1/4"	1.660	0.140	2.27	TOP AND BRACE RAILS

FENCE POST FOUNDATION DIMENSIONS			
DIMENSION DESIGNATION	FENCE POST TYPE	NON LAVA BED DIMENSION	LAVA BED DIMENSION
DEPTH (A)	END & CORNER	42"	36"
DIAMETER (B)	END & CORNER	12"	8"
DEPTH (C)	LINE	36"	24"
DIAMETER (D)	LINE	8"	8"
DEPTH (E)	GATE	42"	36"

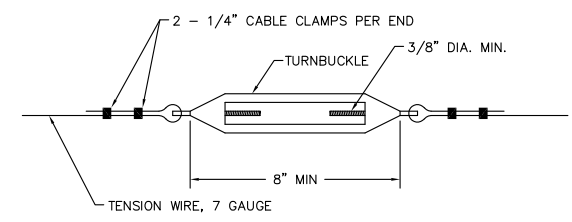
- NOTES:
- ALL MEMBERS TO BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123-78.
  - FOR GATE POST SIZES SEE GATE DETAILS THIS SHEET.
  - FOR A STRAIGHT RUN OF THE FENCE LINE, BRACE POSTS AND BRACE RAILS SHALL BE INSTALLED AT INTERVALS NOT TO EXCEED 1,000 FEET. BRACE POSTS SHALL BE THE SAME POST AS A CORNER OR END POST. BRACE RAILS SHALL BE INSTALLED ON BOTH SIDES OF THE BRACE POST. INSTALL TOP RAIL AT ALL BRACE AND CORNER LOCATIONS.
  - TURNBUCKLES SHALL BE INSTALLED AT END OF FENCE LINE, AT EACH CORNER OF FENCE LINE AND AT INTERMEDIATE LOCATIONS ON THE TENSION WIRES AT SPACINGS NOT TO EXCEED 400'. TURNBUCKLES SHALL BE GALVANIZED STEEL 3/8" WITH 4 1/2" MIN. ADJUSTMENT.
  - TENSION WIRE SHALL BE 7 GAUGE COILED SPRING STEEL WIRE COATED SIMILAR TO THE RESPECTIVE WIRE FABRIC BEING USED.
  - HOG RINGS SHALL BE 9 GAUGE GALVANIZED STEEL PLACED AT 6" MAXIMUM SPACING ON TOP AND BOTTOM TENSION WIRES.
  - 6 GAUGE WIRE CLIPS SHALL BE PLACED AT 14" MAXIMUM SPACING ON EACH FENCE POST.
  - IF POST HOLES IN LAVA BED ARE DRILLED WITHOUT FRACTURING ROCK, THE FOOTINGS CAN BE SET TO THE DIMENSIONS SHOWN FOR LAVA BED. IF LAVA BED ROCK IS BROKEN UP & HOLE BACK FILLED THEN THE NON LAVA BED DIMENSIONS SHALL BE USED.



**DRAINAGE SWALE PLAN VIEW**  
 NO SCALE

NOTES:  
 1. THIS DETAIL SHALL BE USED FOR ALL DRAINAGE SWALES MORE THAN 6 INCHES DEEP.

**FENCE LINE DRAINAGE SWALE CROSSING DETAIL**  
 NO SCALE

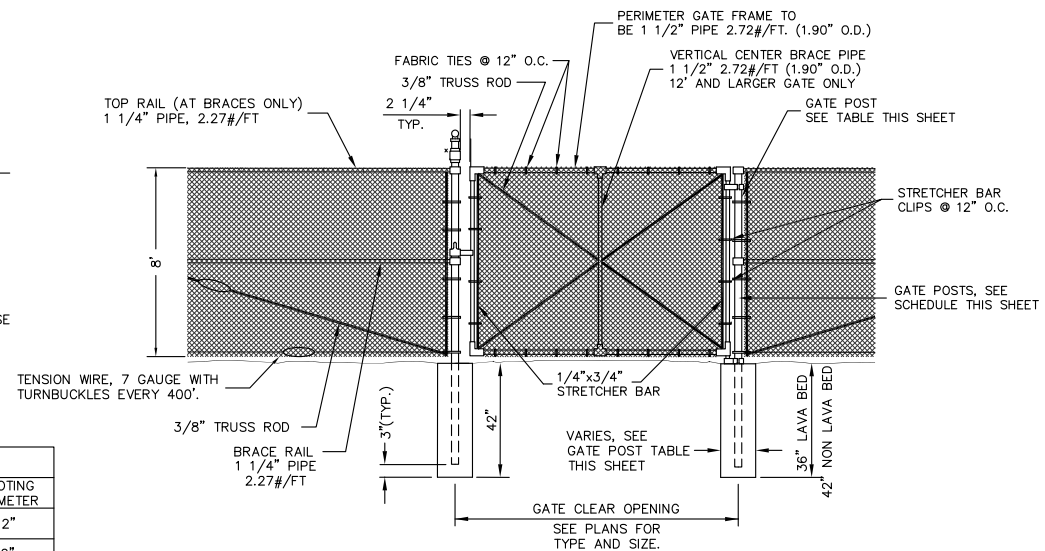


**TURNBUCKLE DETAIL**  
 NO SCALE

- NOTE:  
 1. TURNBUCKLES SHALL HAVE 4 1/2" MINIMUM ADJUSTMENT IN LENGTH.

- NOTES:
- UNLESS OTHERWISE SPECIFIED, GATES SHALL SWING OPEN TO BE FLAT AGAINST THE ADJACENT FENCE.
  - GATE HEIGHT SHALL MATCH FENCE LINE HEIGHT AND SHALL BE THE SAME CLASS AS THE FENCE LINE UNLESS OTHERWISE SPECIFIED.
  - ALL GATES ARE TO BE FURNISHED WITH APPROVED LATCHES WITH PADLOCK EYES WHICH PERMIT OPERATION FROM EITHER SIDE OF THE GATE. LATCHES SHALL BE FORKED TYPE FOR SINGLE LEAF GATES AND PLUNGER BAR TYPE FOR DOUBLE LEAF GATES, UNLESS OTHERWISE SPECIFIED. KEYPERS SHALL BE FURNISHED FOR ALL GATES AND SHALL CONSIST OF A MECHANICAL DEVICE FOR SECURING THE FREE END OF THE GATE WHEN OPEN AT ANY POSITION.
  - GATE HARDWARE MAY BE MODIFIED FROM THAT SHOWN IN DETAILS WITH PRIOR APPROVAL OF SHOP DRAWINGS BY THE ENGINEER.

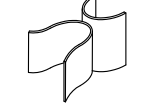
GATE POST TABLE - SWING GATE					
SWING GATE LEAF WIDTH IN FEET	PIPE SIZE DESIGNATION	OUTSIDE DIA INCHES	THICKNESS INCHES	WEIGHT lb/ft	FOOTING DIAMETER
LESS THAN 6.0	2 1/2"	2.875	0.203	5.79	12"
6.0 TO LESS THAN 13.0	4"	4.500	0.237	10.79	12"
13.0 TO LESS THAN 18.0	6"	6.625	0.280	18.97	12"



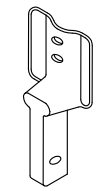
**SINGLE LEAF SWING GATE DETAIL**  
 NO SCALE



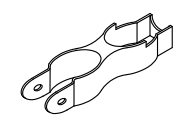
**FORK CATCH**



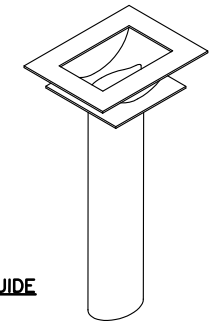
**LATCH FORK**



**PADLOCK KEEPER**



**PADLOCK KEEPER GUIDE**



**PLUNGER ROD CATCH**

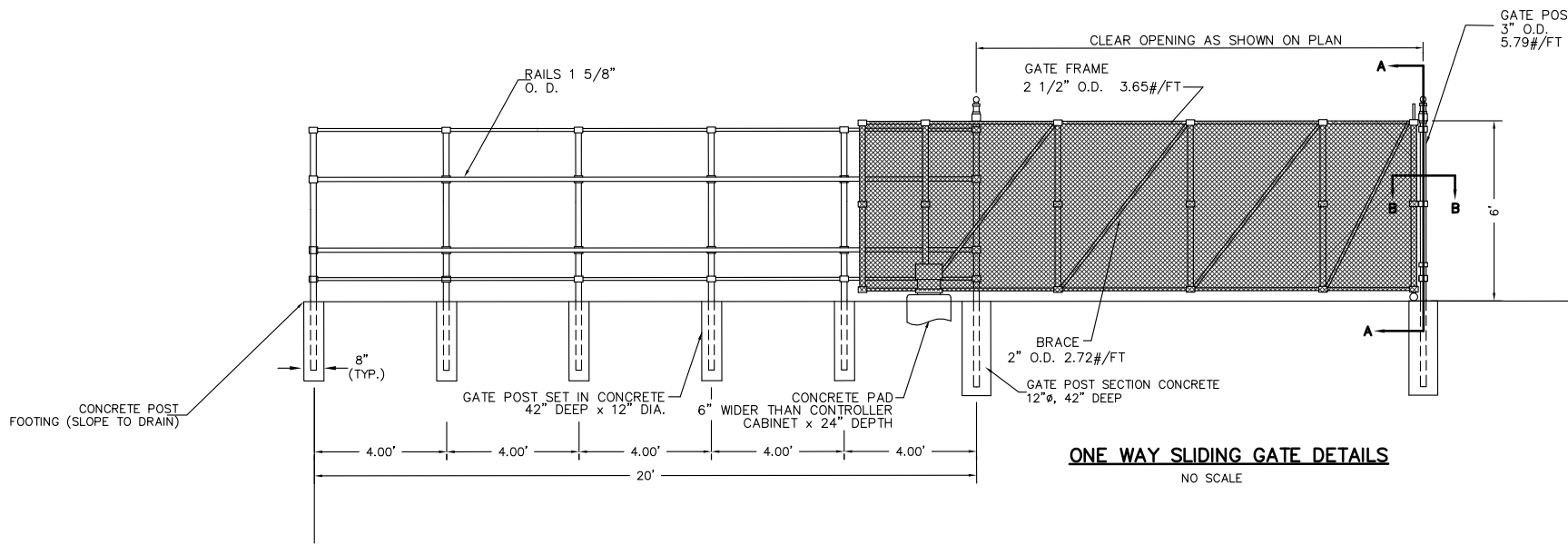
**GATE HARDWARE DETAILS**  
 NO SCALE



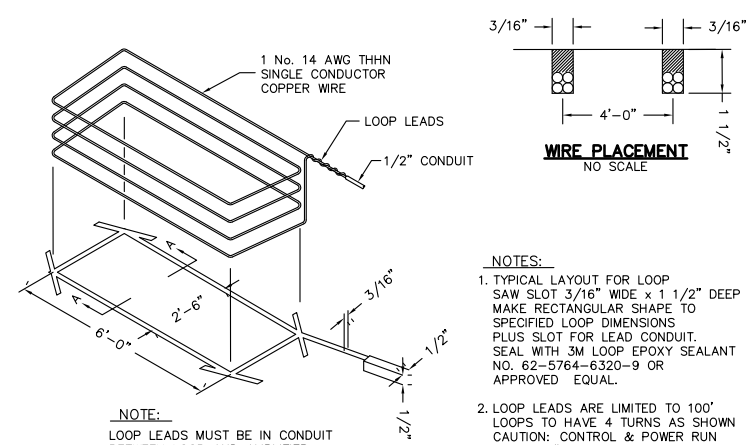
Reinald W. Brandley  
 CONSULTING AIRPORT ENGINEER  
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 Loomis, California 95650-8004

CALIFORNIA  
**PLACERVILLE AIRPORT**  
**CONSTRUCTION OF SECURITY FENCE**  
 FENCE DETAILS

DESIGN BY: RWB  
 DRAWN BY: MSB  
 CHK'D BY: RWB  
 DATE: DATE 2011  
 CONTRACT NO. -  
 PROJECT NO: 15.22  
 DWG FILE: 1522s009.12&13  
 DRAWING SCALE: NO SCALE  
 SHEET NUMBER  
 11 OF 13 SHEETS



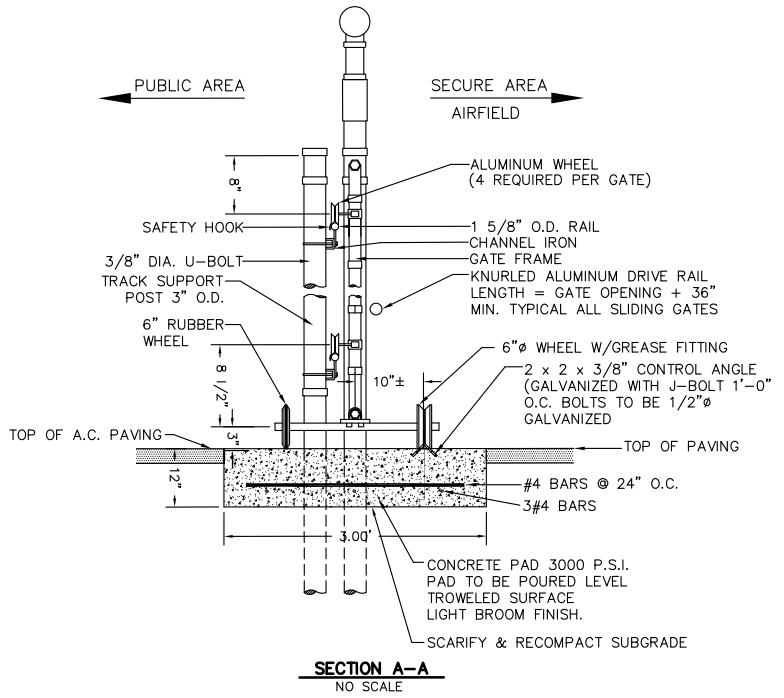
**ONE WAY SLIDING GATE DETAILS**  
NO SCALE



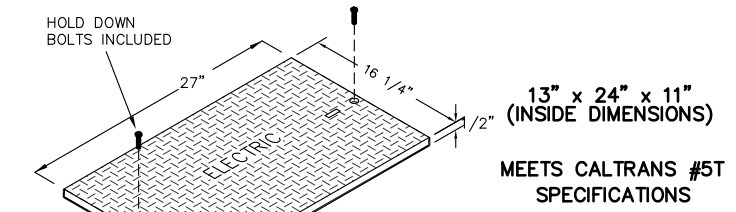
**NOTE:**  
LOOP LEADS MUST BE IN CONDUIT BETWEEN LOOP AND AMPLIFIER. THEY MUST NOT SHARE CONDUIT WITH OTHER WIRING OR LEADS FROM OTHER LOOPS.

**NOTES:**  
1. TYPICAL LAYOUT FOR LOOP SAW SLOT 3/16\"/>

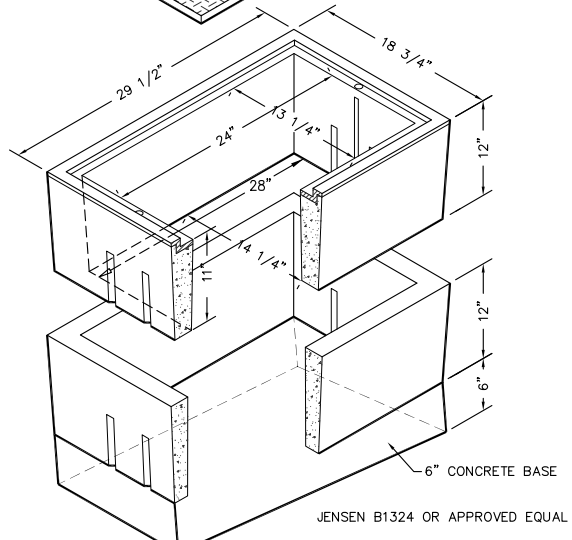
**DETECTOR LOOP DETAIL**  
NO SCALE



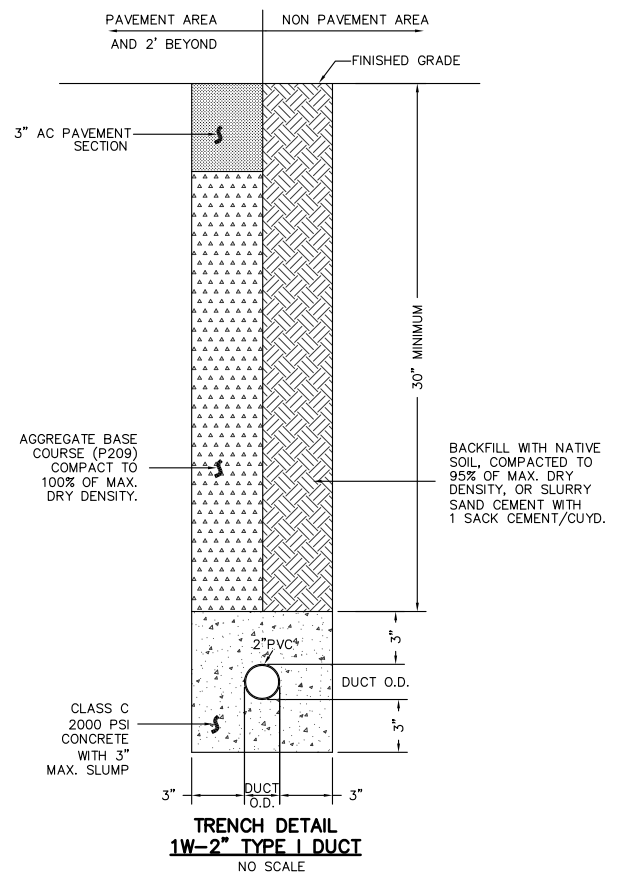
**SECTION A-A**  
NO SCALE



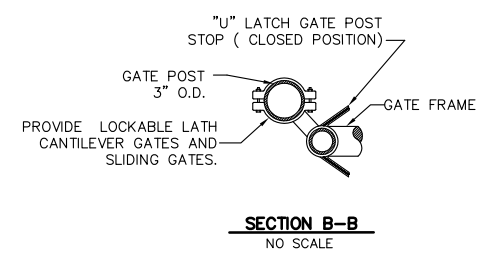
**13" x 24" x 11" (INSIDE DIMENSIONS)**  
**MEETS CALTRANS #5T SPECIFICATIONS**



**NEW ELECTRICAL HANDHOLE**  
NO SCALE



**TRENCH DETAIL**  
**1W-2\"/>**



**SECTION B-B**  
NO SCALE

**VERIFY SCALES**  
BAR IS ONE INCH ON ORIGINAL DRAWING.  
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

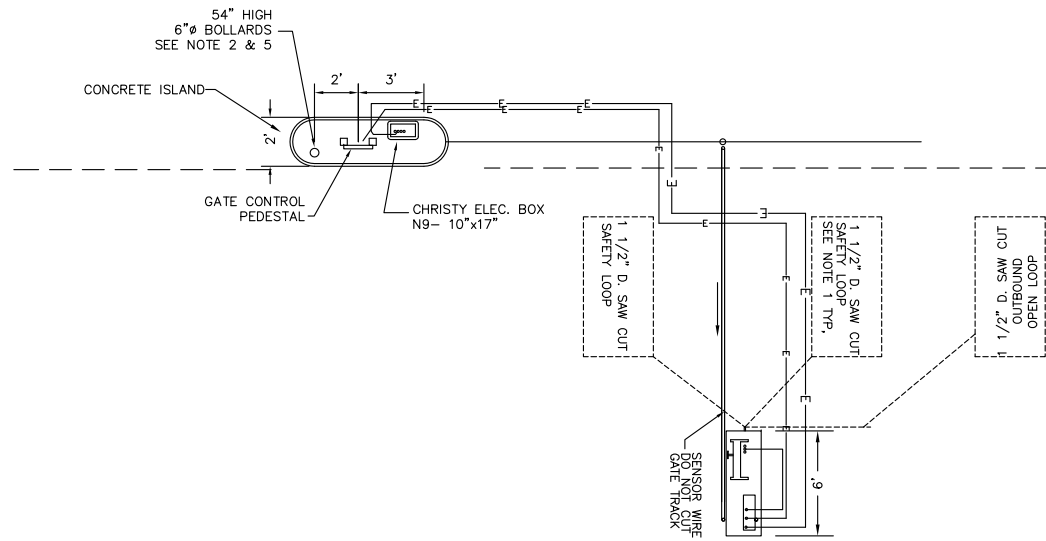


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NO.	REVISIONS	BY	DATE

**PLACERVILLE AIRPORT**  
CALIFORNIA  
**CONSTRUCTION OF SECURITY FENCE**  
PLACERVILLE, CALIFORNIA  
**AUTOMATIC SLIDING GATE DETAILS**

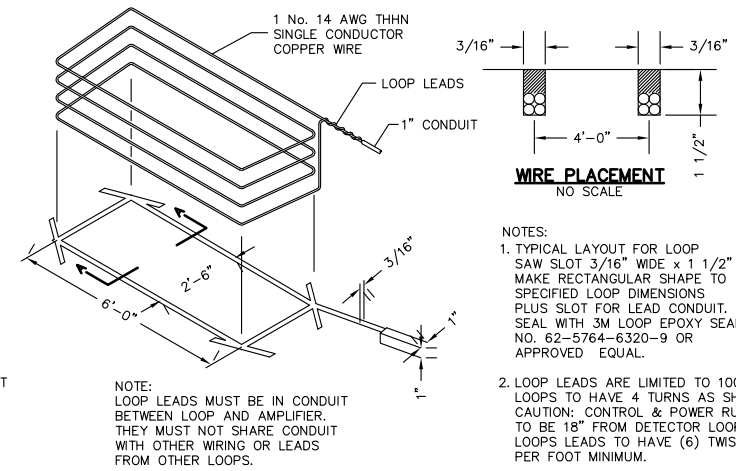
DESIGN BY: RWB  
DRAWN BY: MSB  
CHKD BY: RWB  
DATE: DATE 2011  
CONTRACT NO. -  
PROJECT NO: 15.22  
DWG FILE: 1522s009.12&13  
DRAWING SCALE: NO SCALE



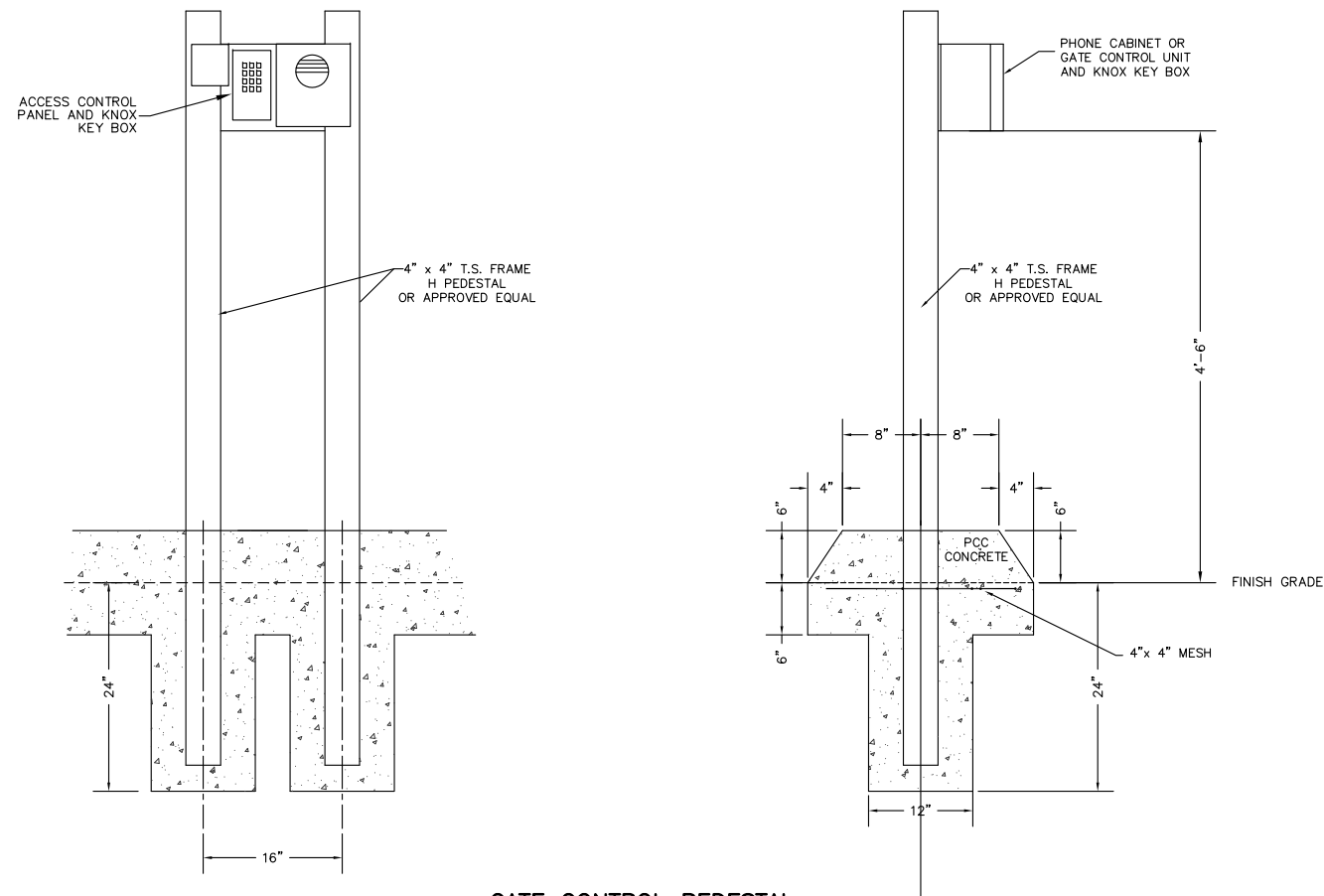
**AUTOMATIC SLIDING GATE DETAIL**  
NO SCALE

**AUTOMATIC GATE NOTES**

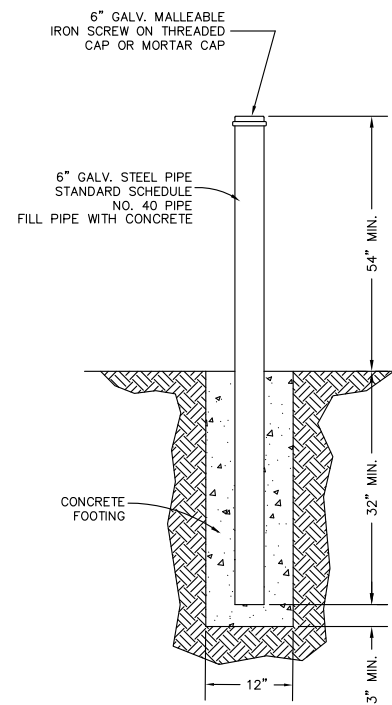
- PAVEMENT LOOPS SHALL CONSIST OF NOT LESS THAN 4 TURNS OF #14 AWG. STRANDED CU. WIRE IN 1/4" W. X 1 1/2" D. SAW CUTS. SEAL WITH 3M LOOP EPOXY SEALANT, #62-5764-6320-9. HOME RUNS TO BE TWISTED, 6 TURNS/FT., MINIMUM. SEE DETAIL ON THIS SHEET.
- PAINT ALL BOLLARDS - TRAFFIC YELLOW. TWO FINISH COATS, - 1 PRIMER COAT, SEE BOLLARD DETAIL THIS SHEET.
- BEFORE INSTALLING ANY GATE OR FENCE POSTS THE CONTRACTOR SHALL LOCATE ALL EXISTING AND PROPOSED UTILITIES AND ADJUST THE POST LOCATIONS TO MISS THE UTILITIES. THE CONTRACTOR SHALL NOT EXCEED THE MAXIMUM SPACING FOR THE POSTS AS SHOWN ON THE PLANS.
- FOR GATE AND FENCE DETAILS SEE SHEET NO. 9 & 12.
- BOLLARD SHALL CONSIST OF 6" I.D. GALVANIZED STEEL POST, 54" HIGH (UNLESS OTHERWISE NOTED) CONCRETE FILLED, AND PAINT POST WITH TRAFFIC YELLOW.
- 1/2" CONDUIT PLACED 2" BELOW GRADE SHALL STUB OUT FOR SENSOR LOOPS 2" ABOVE AND 6" BEYOND CONTROLLER PAD.
- CONTRACTOR SHALL INSTALL GATE CONTROL CABINET ON APPROVED PEDESTAL WITH CARD CONTROL UNIT CABINET SHALL BE SIZED TO ACCOMMODATE COMMUNICATIONS HANDSET. EXTRA CONDUIT SHALL BE INSTALLED TO HOUSE COMMUNICATION CABLE.
- ALL CONCRETE AND REINFORCING SHALL CONFORM TO SPEC. SECTION P 610.
- ISLAND LAYOUT DIMENSIONS ARE APPROXIMATE AND SHALL BE SUBMITTED AND APPROVED BY ENGINEER
- EMERGENCY ACCESS SHALL BE PROVIDED AT ALL NEW AUTOMATIC SLIDING GATES. AUTOMATIC ACCESS SHALL BE A KNOX MODEL 3502 OR APPROVED EQUAL AS REQUIRED BY THE FIRE DEPARTMENT.



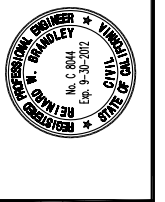
**DETECTOR LOOP DETAIL**  
NO SCALE



**GATE CONTROL PEDESTAL**  
NO SCALE



**BOLLARD DETAIL**  
NO SCALE



NO.	REVISIONS	BY	DATE

PLACERVILLE, CALIFORNIA  
**CONSTRUCTION OF SECURITY FENCE**  
 GATE CONTROL AND ISLAND DETAILS

DESIGN BY: RWB  
 DRAWN BY: MSB  
 CHK'D BY: RWB  
 DATE: DATE, 2011  
 CONTRACT NO. -  
 PROJECT NO: 15.22  
 DWG FILE: 1522s009.12&13  
 DRAWING SCALE: NO SCALE