

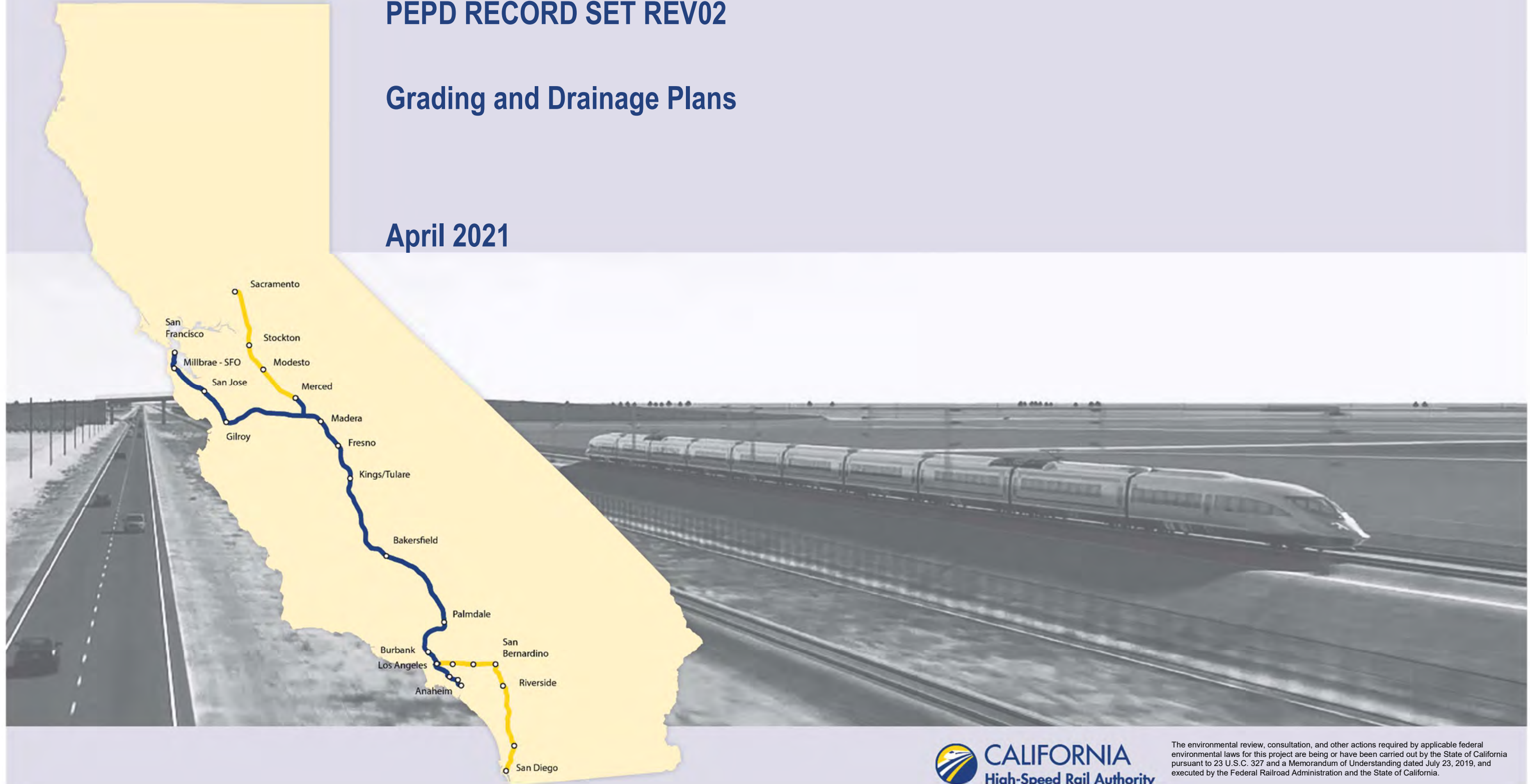
California High-Speed Rail Authority

# Palmdale to Burbank Project Section

PEPD RECORD SET REV02

Grading and Drainage Plans

April 2021



The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being or have been carried out by the State of California pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated July 23, 2019, and executed by the Federal Railroad Administration and the State of California.

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## GRADING AND DRAINAGE SHEETS

### GENERAL

DRAWING NO.	DRAWING DESCRIPTION
CV-B0004	ALIGNMENT "REFINED SR14/E1/E2" GRADING AND DRAINAGE - INDEX OF DRAWINGS 1 OF 2
CV-B0005	ALIGNMENT "REFINED SR14/E1/E2" GRADING AND DRAINAGE - INDEX OF DRAWINGS 2 OF 2
CV-B0007	ALIGNMENT "REFINED SR14/E1/E2" GRADING AND DRAINAGE - ABBREVIATIONS
CV-B0008	ALIGNMENT "REFINED SR14/E1/E2" GRADING AND DRAINAGE - ABBREVIATIONS AND LEGEND

### REFINED SR14

DRAWING NO.	DRAWING DESCRIPTION
CV-B0001-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN - KEY MAP 1 OF 3
CV-B0002-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN - KEY MAP 2 OF 3
CV-B0003-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN - KEY MAP 3 OF 3
CV-G4009-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4010-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4011-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4012-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4013-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4014-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4015-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4016-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4017-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4018-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4019-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4020-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4021-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4022-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4023-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4024-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4025-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4026-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4027-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4028-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4029-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4030-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4031-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4032-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4033-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4034-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4035-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4036-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4037-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4038-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4039-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4040-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4105-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4106-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4107-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4108-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN
CV-G4109-S14	ALIGNMENT "REFINED SR14" GRADING AND DRAINAGE PLAN

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**

DRAWN BY  
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IN CHARGE  
**A. RELAÑO**

DATE  
**04/30/2021**

PEPD RECORD SET  
REV02

NOT FOR  
CONSTRUCTION



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14/E1/E2"  
GRADING AND DRAINAGE  
INDEX OF DRAWINGS  
1 OF 2

CONTRACT NO.  
**HSR14-42**

DRAWING NO.  
**CV-B0004**

SCALE  
**NO SCALE**

SHEET NO.

# GRADING AND DRAINAGE SHEETS

## E1

DRAWING NO.	DRAWING DESCRIPTION
CV-B0001-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN - KEY MAP 1 OF 3
CV-B0002-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN - KEY MAP 2 OF 3
CV-B0003-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN - KEY MAP 3 OF 3
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CV-G4010-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN
CV-G4011-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN
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CV-G4019-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN
CV-G4020-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN
CV-G4021-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN
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CV-G4106-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN
CV-G4107-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN
CV-G4108-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN
CV-G4109-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN
CV-G4110-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN
CV-G4200-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN
CV-G4201-E1	ALIGNMENT "E1" GRADING AND DRAINAGE PLAN

## E2

DRAWING NO.	DRAWING DESCRIPTION
CV-B0001-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN - KEY MAP 1 OF 2
CV-B0002-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN - KEY MAP 2 OF 2
CV-G4009-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4010-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4011-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4012-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4013-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4014-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4015-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4016-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4017-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4018-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4019-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4020-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
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CV-G4026-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
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CV-G4028-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4029-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4105-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4106-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
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CV-G4108-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4109-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4200-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4201-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4300-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4301-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN
CV-G4302-E2	ALIGNMENT "E2" GRADING AND DRAINAGE PLAN

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REV	DATE	BY	CHK	APP	DESCRIPTION

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**04/30/2021**

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REV02

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 2 OF 2

CONTRACT NO.  
HSR14-42

DRAWING NO.  
CV-B0005

SCALE  
NO SCALE

SHEET NO.

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A	
AB	AGGREGATE BASE
ABBC	ASBESTOS BONDED BITUMINOUS COATED
ABM	AIR-BLOWN MORTAR
ABN	ABANDON
ADJ	ADJUST
AFES	ALTERNATIVE FLARED END SECTION
AHD	AHEAD
ALT	ALTERNATE
AM	TIME FROM MIDNIGHT TO NOON
AP	ALTERNATIVE PIPE
APC	ALTERNATIVE PIPE CULVERT
APPROX	APPROXIMATE
APU	ALTERNATIVE PIPE UNDERDRAIN
AS	AGGREGATE SUBBASE
ASRP	ALUMINUM SPIRAL RIB PIPE
ASSY	ASSEMBLY
AVE	AVENUE
AVG	AVERAGE
@	AT

B	
BEG	BEGIN
BIT CTD	BITUMINOUS COATED
BK	BACK
BKF	BACKFILL
BLDG	BUILDING
BLVD	BOULEVARD
BM	BENCH MARK
BOT	BOTTOM
B-P	BAKERSFIELD TO PALMDALE
BR	BRIDGE
BRG	BEARING
BW	BARBED WIRE

C	
CAP	CORRUGATED ALUMINUM PIPE
CAPA	CORRUGATED ALUMINUM PIPE ARCH
CB	CONCRETE BARRIER
CHSRA	CALIFORNIA HIGH SPEED RAIL AUTHORITY
CHST	CALIFORNIA HIGH SPEED TRAIN
CHSR	CALIFORNIA HIGH SPEED RAIL
CHNL	CHANNEL
CI	CAST IRON
CIDH	CAST-IN-DRILLED-HOLE
CIP,C-1-P	CAST-IN-PLACE, CAST IRON PIPE
CIPCP	CAST IN PLACE CONCRETE PIPE
CISS	CAST-IN-STEEL-SHELL
CJP	COMPLETE JOINT PENETRATION
CL	CENTERLINE, CLASS
CL2	CLASS 2
CL-6	CHAIN LINK FENCE (6 FT)
CLR	CLEAR, CLEARANCE
CM	CORRUGATED METAL
CMP	CORRUGATED METAL PIPE
CO	COUNTY
COL	COLUMN
CONC	CONCRETE
COND	CONDUIT
CONN	CONNECTOR
CONST	CONSTRUCT, CONSTRUCTION
CONT	CONTINUOUS

C CONTINUED	
COORD	COORDINATE
CR	CREEK
CRCP	CONTINUOUS REINFORCED CONCRETE PAVEMENT
CRSP	CONCRETED ROCK SLOPE PROTECTION
CSP	CORRUGATED STEEL PIPE
CSPA	CORRUGATED STEEL PIPE ARCH
CTB	CEMENT TREATED BASE
CTPB	CEMENT TREATED PERMEABLE BASE
CTPM	CEMENT TREATED PERMEABLE MATERIAL
CTRS	CENTERS
CVFPB	CENTRAL VALLEY FLOOD PROTECTION BOARD
CULV	CULVERT
€	CENTERLINE

D	
D	DEPTH
DD	DOWNDRAIN, DIRECTIVE DRILLING
DBL	DOUBLE
DEG	DEGREE
DET	DETAIL
DI	DRAINAGE INLET, DROP INLET
DIA	DIAMETER
DIAPH	DIAPHRAGM
DIST	DISTANCE, DISTRICT
DMBB	DOUBLE METAL BEAM BARRIER
DR	DRIVE
DTBB	DOUBLE THRIE BEAM BARRIER
DWY	DRIVEWAY

E	
E	EAST, EASTING
EASE	EASEMENT
EB	END OF BRIDGE
EC	END HORIZONTAL CURVE
ED	EDGE DRAIN
EDC	EDGE DRAIN CLEANOUT
EDO	EDGE DRAIN OUTLET
EDV	EDGE DRAIN VENT
ELEV	ELEVATION
ELLN	EXTRALEGAL LEAD NETWORK
EMB	EMBANKMENT
ENGR	ENGINEER
EO	EQUATION, EQUAL
ES	EDGE OF SHOULDER
ETW	EDGE OF TRAVELED WAY
EVC	END VERTICAL CURVE
EW	ENDWALL
EXC	EXCAVATION
EXIST, EX.	EXISTING
EXP	EXPANSION
EXP JT	EXPANSION JOINT
EXWY	EXPRESSWAY
EXT	EXTERIOR

F	
F & C	FRAME AND COVER
F & G	FRAME AND GRATE
FDN	FOUNDATION
FEBT	FACING EASTBOUND TRAFFIC
FES	FLARED END SECTION

F CONTINUED	
FES	FLARED END SECTION
FF	FILTER FABRIC
FG	FINISHED GRADE
FIG	FIGURE
FL	FLOW LINE
FNBT	FACING NORTHBOUND TRAFFIC
FC	FACE OF CONCRETE
FR RD	FRONTAGE ROAD
FS	FAR SIDE, FINISHED SURFACE
FSBT	FACING SOUTHBOUND TRAFFIC
FT	FOOT, FEET
FTG	FOOTING
FWB	FACING WESTBOUND TRAFFIC
FWY	FREEWAY

G	
GA	GAGE
GALV	GALVANIZED
GP	GRADING PLANE
GR	GUARD RAILING
GSP	GALVANIZED STEEL PIPE
GTR	GUTTER

H	
H	HEIGHT
HR	HOUR
HD	HORIZONTAL DRAIN
HDC	HIGH DESERT CORRIDOR
HDWL	HEADWALL
HMA	HOT MIXED ASPHALT
HORIZ	HORIZONTAL
HP	HINGE POINT, HORSEPOWER
HST	HIGH SPEED TRAIN
HSR	HIGH SPEED RAIL
HW	HEADWALL, HIGH WATER
HWM	HIGH WATER MARK
HWY	HIGHWAY

I	
IB	IMPORTED BORROW
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCH, INCHES
INT	INTERIOR
INV	INVERT
IRR	IRRIGATION

J	
JCT	JUNCTION
JS	JUNCTION STRUCTURE
JT	JOINT

K	
K	DISTANCE TO ACHIEVE 1% GRADE CHANGE

L	
L	LENGTH
LAT	LATITUDE
LMF	LIGHT MAINTENANCE FACILITY
LOC	LOCATION
LOL	LAYOUT LINE

L CONTINUED	
LONG	LONGITUDE
LONGIT	LONGITUDINAL
LT	LEFT

M	
MAINT	MAINTENANCE
MAX	MAXIMUM
MED	MEDIAN
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MKR	MARKER
M/L	MAIN LINE (RAILWAY)
MOD	MODIFIED, MODIFY
MON	MONUMENT
MTL	MATERIAL
MT	MAIN TRACK

N	
N	NORTH, NORTHING
NB	NORTHBOUND
NO.	NUMBER (MUST HAVE PERIOD)
NOS.	NUMBERS (MUST HAVE PERIOD)
NPS	NOMINAL PIPE SIZE
NS	NEAR SIDE
NTS	NOT TO SCALE
N/A	NOT APPLICABLE

O	
OBLR	OBLITERATE
OC	OVERCROSSING
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OG	ORIGINAL GROUND
OH	OVERHEAD
OPP	OPPOSITE

P	
P	PAGE
PAP	PERFORATED ALUMINUM PIPE
P-B	PALMDALE TO BURBANK
PC	POINT OF CURVATURE, PRECAST
PCC	POINT OF COMPOUND CURVE, PORTLAND CEMENT CONCRETE
PCP	PERFORATED CONCRETE PIPE, PRESTRESSED CONCRETE PIPE
PED	PEDESTRIAN
PED OC	PEDESTRIAN OVERCROSSING
PED UC	PEDESTRIAN UNDERCROSSING
PERM MTL	PERMEABLE MATERIAL
PG	PROFILE GRADE
PI	POINT OF INTERSECTION
P/L	PROPERTY LINE
PM	POST MILE, TIME FROM NOON TO MIDNIGHT
POB	POINT OF BEGINNING
POE	POINT OF ENDING
PP	PIPE PILE, PLASTIC PIPE, POWER POLE
PPEF	PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT
PPL	PREFORMED PERMEABLE LINER
PRF	PAVEMENT REINFORCING FABRIC

P CONTINUED	
PROP	PROPOSED
PS&E	PLANS, SPECIFICATIONS AND ESTIMATES
PS, P/S	PRESTRESSED, PARALLEL STATION
PSP	PERFORATED STEEL PIPE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVP	MAINTENANCE VEHICLE PULLOUT

Q	
QTY	QUANTITY

R	
R	RADIUS
R & D	REMOVE AND DISPOSE
R & S	REMOVE AND SALVAGE
R/C	RATE OF CHANGE
RCA	REINFORCED CONCRETE ARCH
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RCPA	REINFORCED CONCRETE PIPE ARCH
RD	ROAD
REINF	REINFORCED, REINFORCEMENT, REINFORCING
REL	RELOCATE
REPL	REPLACEMENT
RET	RETAINING
REV	REVISED
RDWY	ROADWAY
RP	RADIUS POINT, REFERENCE POINT
RR	RAILROAD
RSP	ROCK SLOPE PROTECTION
RT	RIGHT
RTE	ROUTE
RW	RETAINING WALL
R/W	RIGHT OF WAY
RWY	RAILWAY

S	
S	SOUTH, SUPPLEMENT
SAE	STRUCTURE APPROACH EMBANKMENT
SALV	SALVAGE
SAPP	STRUCTURAL ALUMINUM PLATE PIPE
SB	SOUTHBOUND
SC	SPIRAL TO CURVE
SCRRA	SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY
SCSP	SLOTTED CORRUGATED STEEL PIPE
SD	STORM DRAIN
SEC	SECOND
SECT	SECTION
SEP	SEPARATION
SHLD	SHOULDER
SHT	SHEET
SIM	SIMILAR
S	STATION LINE
SM	SELECTED MATERIAL
SPEC	SPECIAL, SPECIFICATIONS
SPP	SLOTTED PLASTIC PIPE
SS	SLOPE STAKE, SPIRAL TO SPIRAL

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
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PECD RECORD SET  
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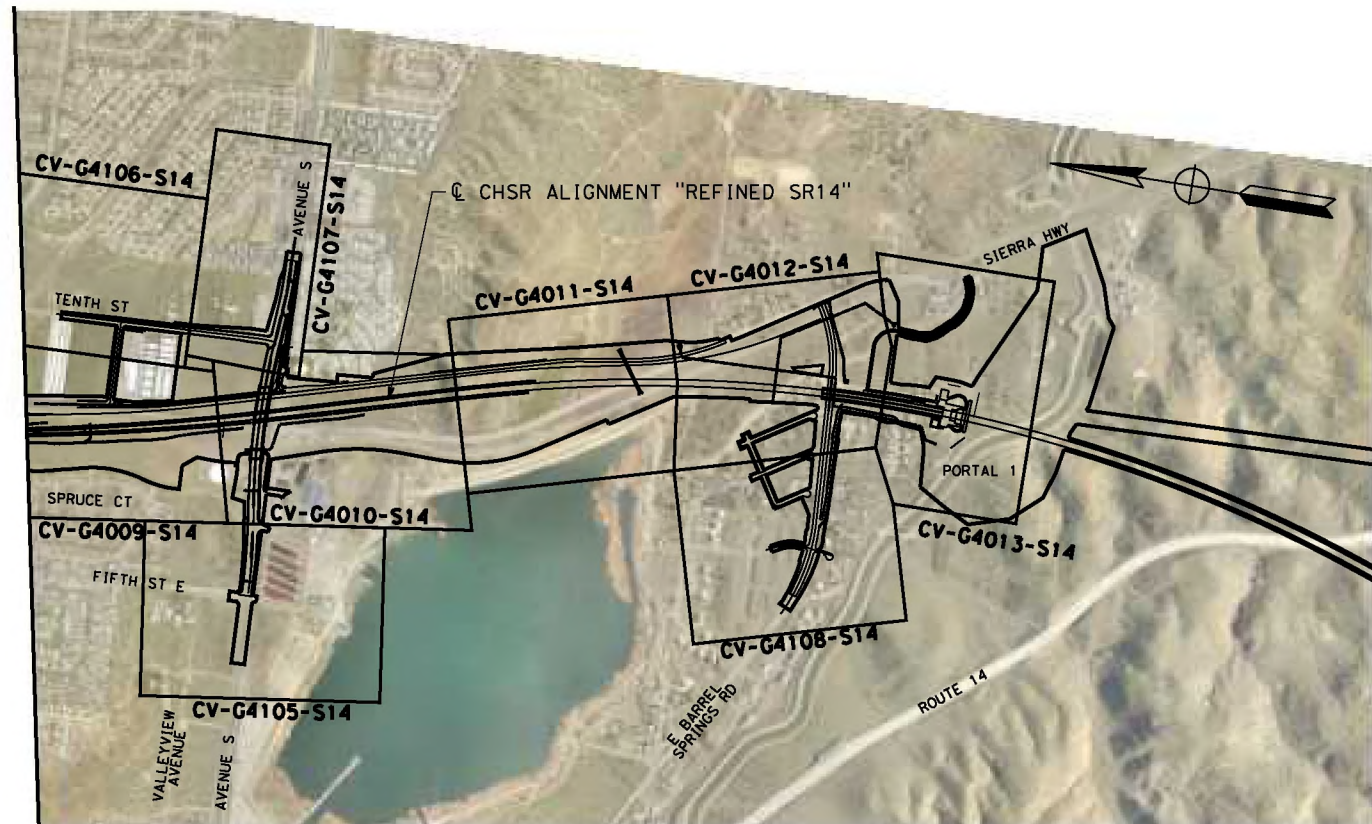


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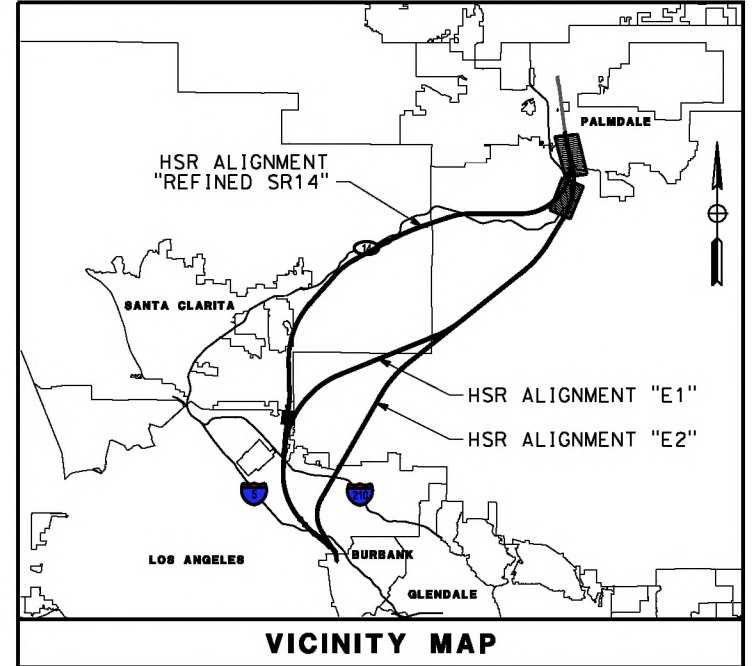
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**CV-B0007**  
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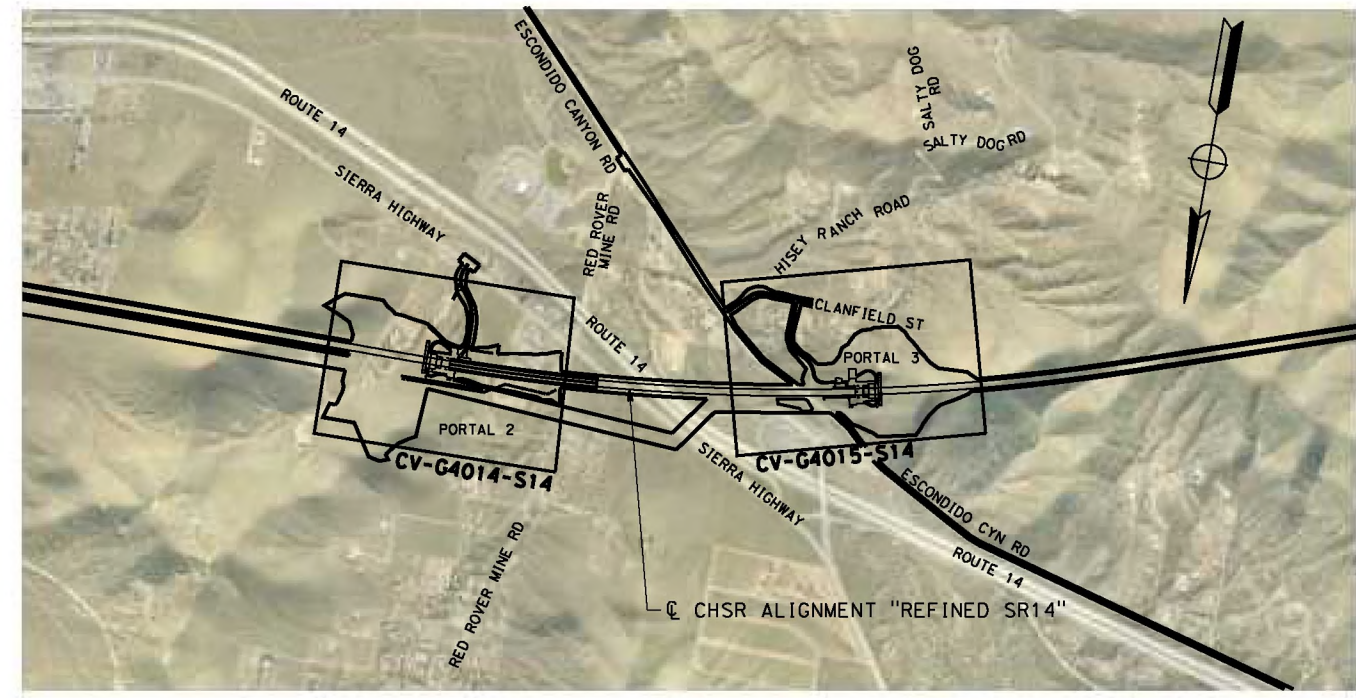
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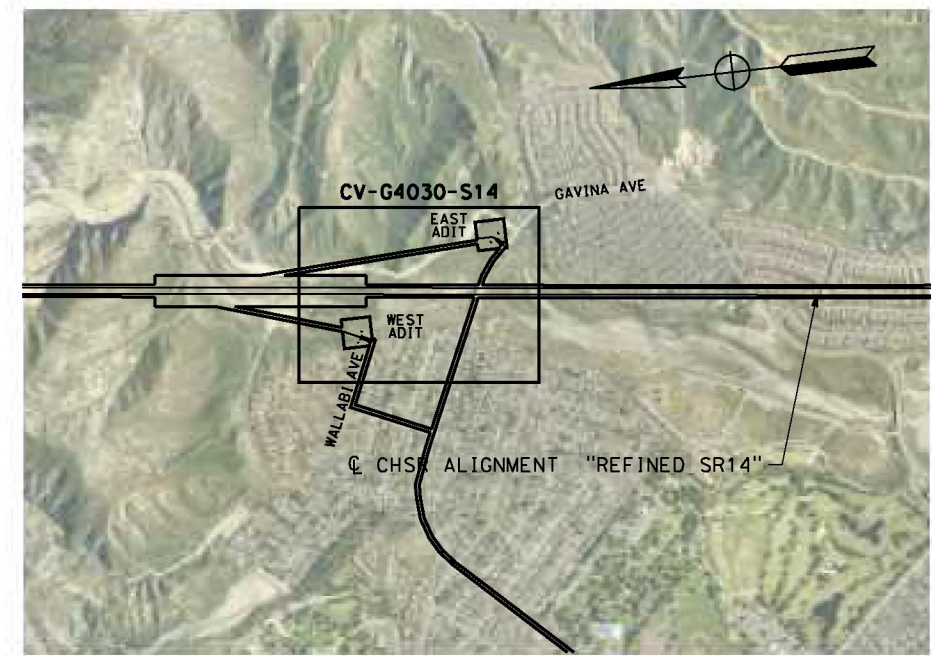
**S14**



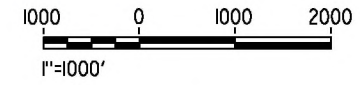
**VICINITY MAP**



**S14**



**S14**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

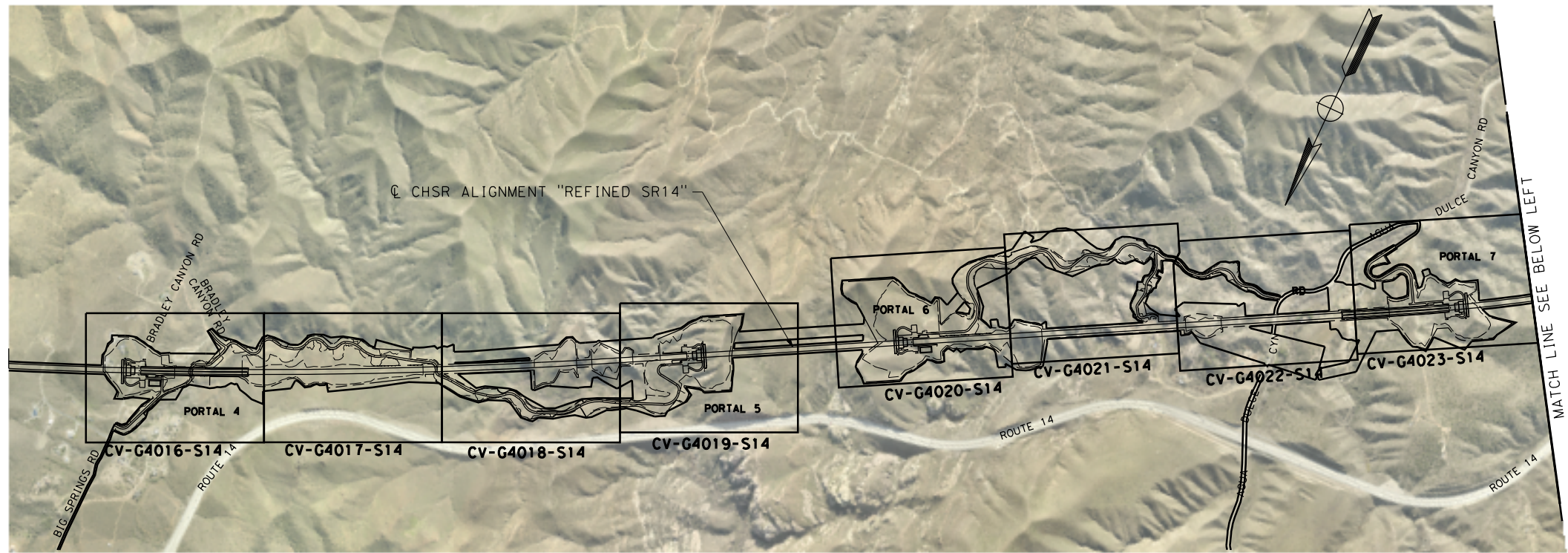
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REV 02  
**NOT FOR CONSTRUCTION**



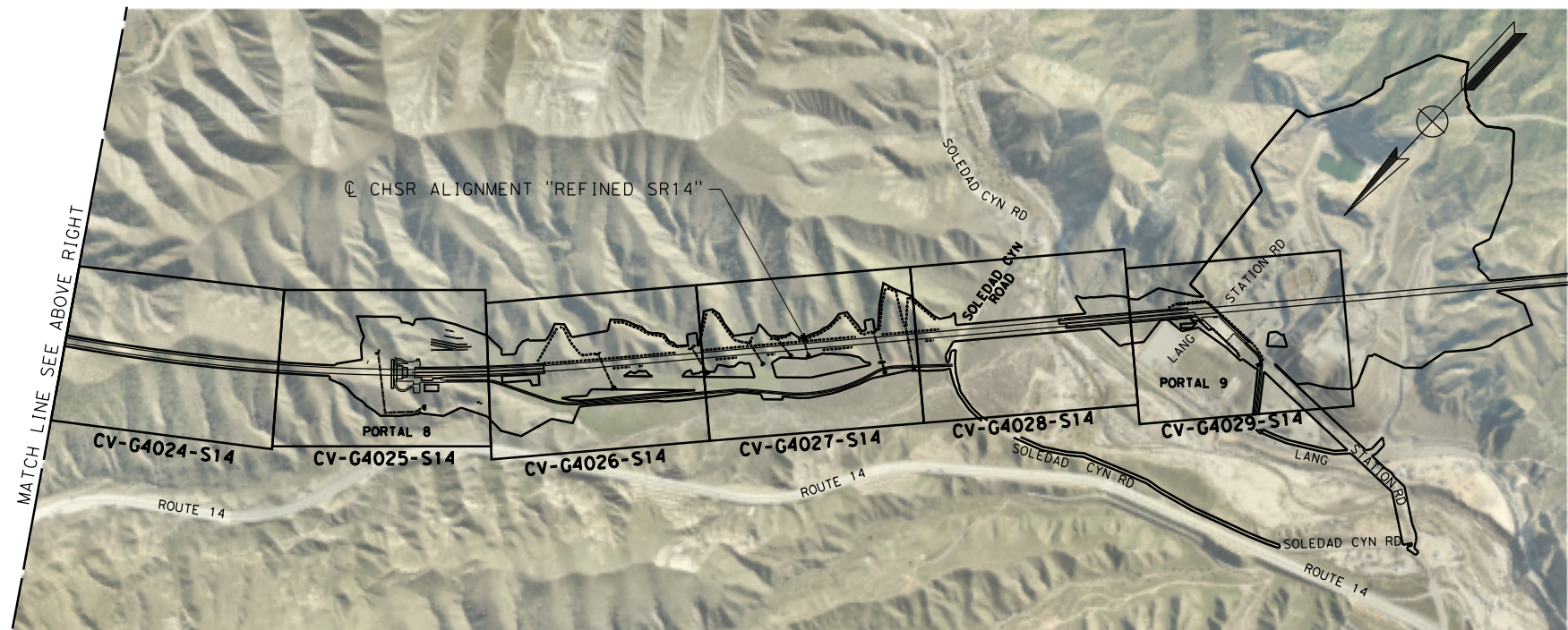
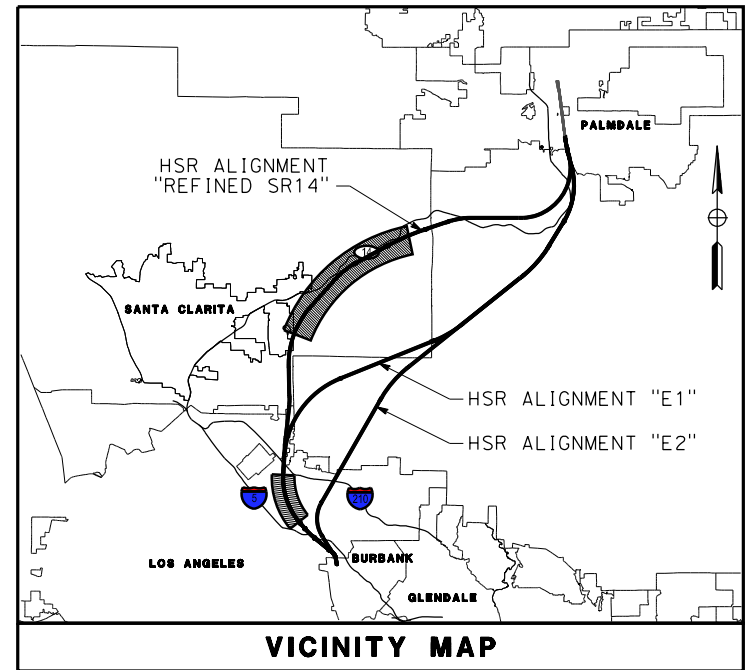
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
GRADING AND DRAINAGE PLAN  
KEY MAP 1 OF 3

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-B0001-S14**  
SCALE  
**AS SHOWN**  
SHEET NO.

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 0400073



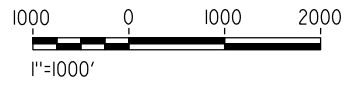
**S14**



**S14**



**S14**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET  
 REV 02  
 NOT FOR  
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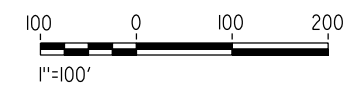
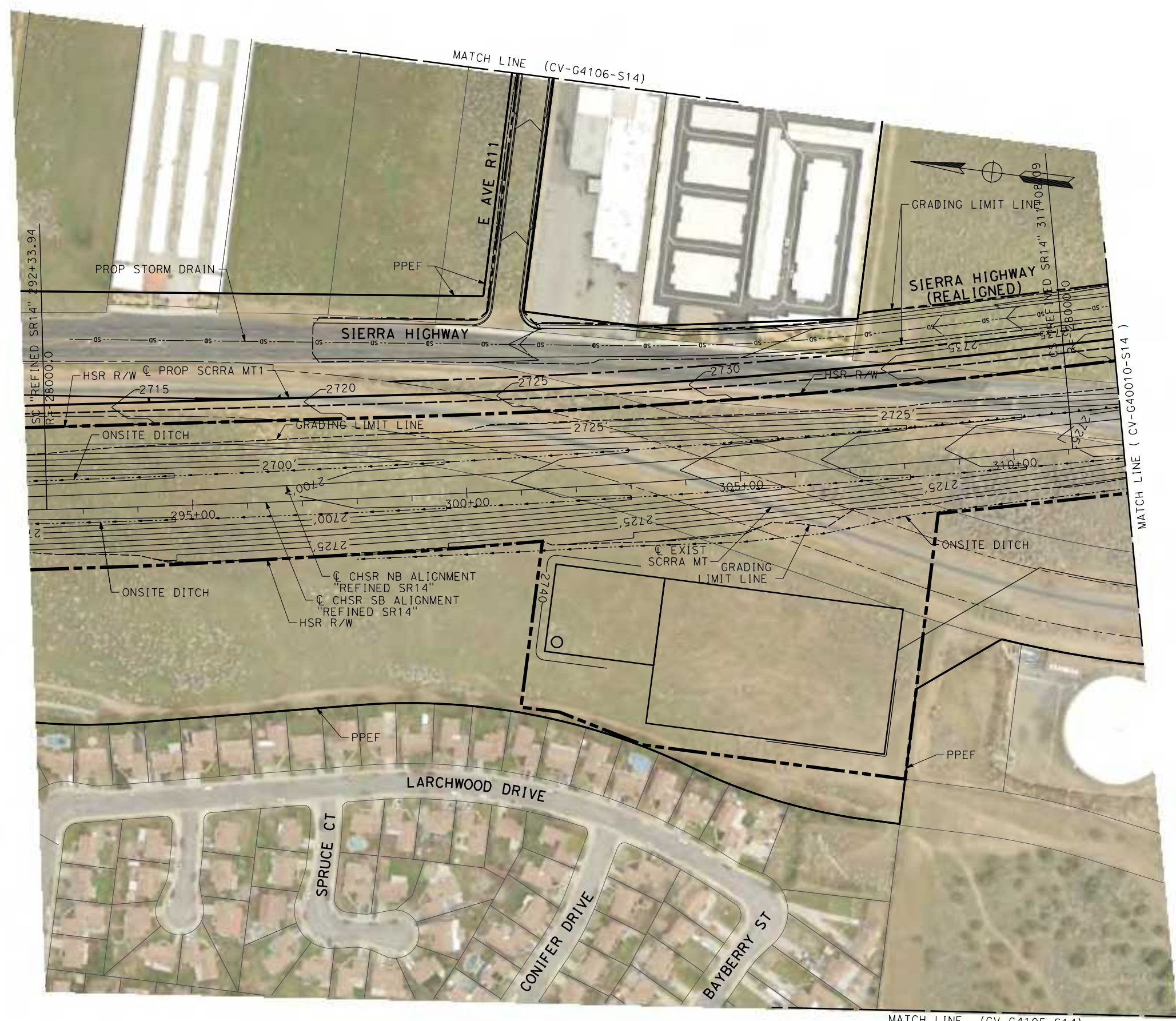
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK  
 ALIGNMENT "REFINED SR14"**  
 GRADING AND DRAINAGE PLAN  
 KEY MAP 2 OF 3

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-B0002-S14**  
 SCALE  
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 SHEET NO.





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REV	DATE	BY	CHK	APP	DESCRIPTION

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**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

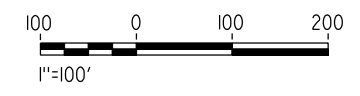
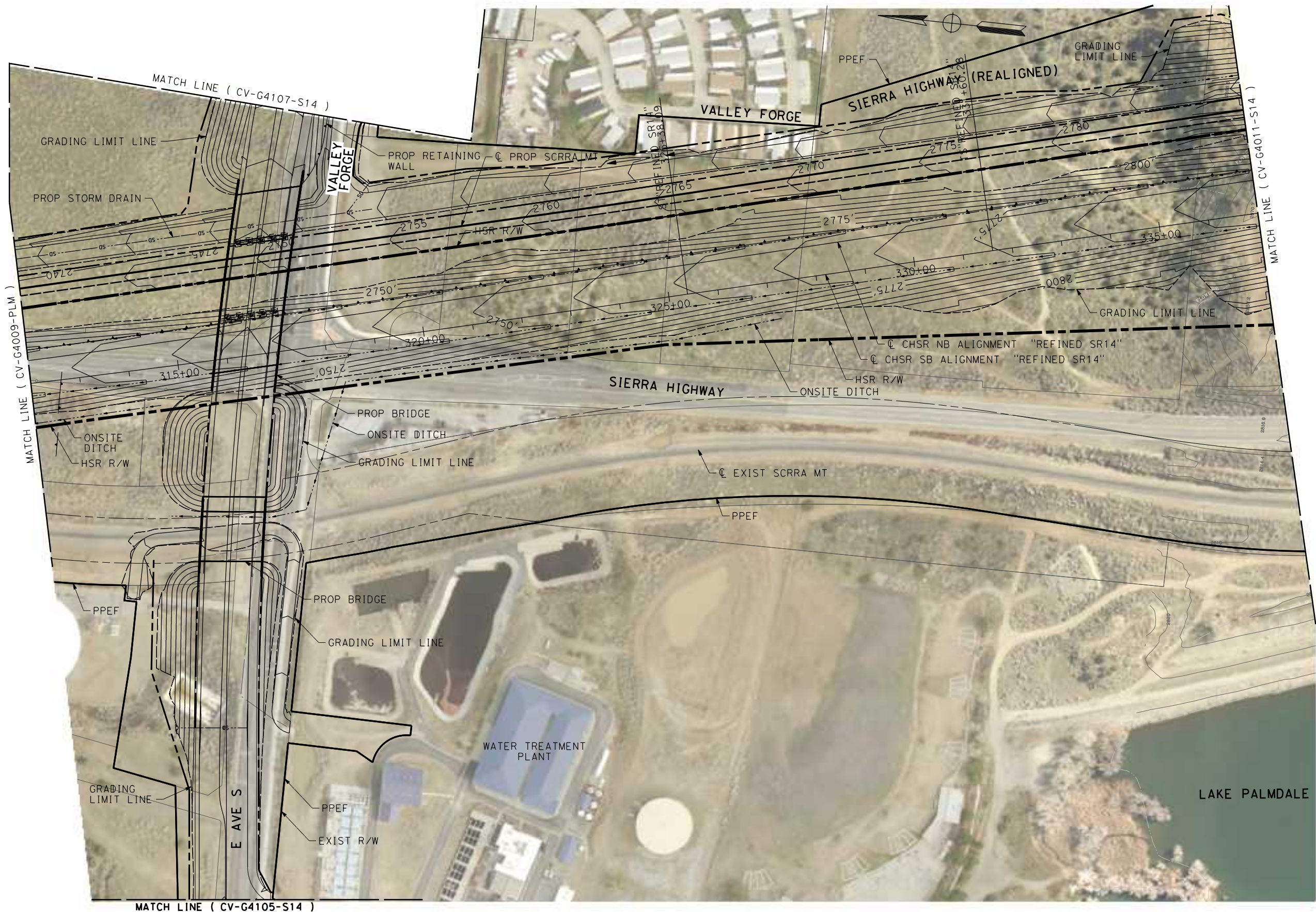
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**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
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 SCALE  
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REV	DATE	BY	CHK	APP	DESCRIPTION

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**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

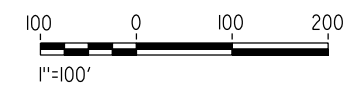
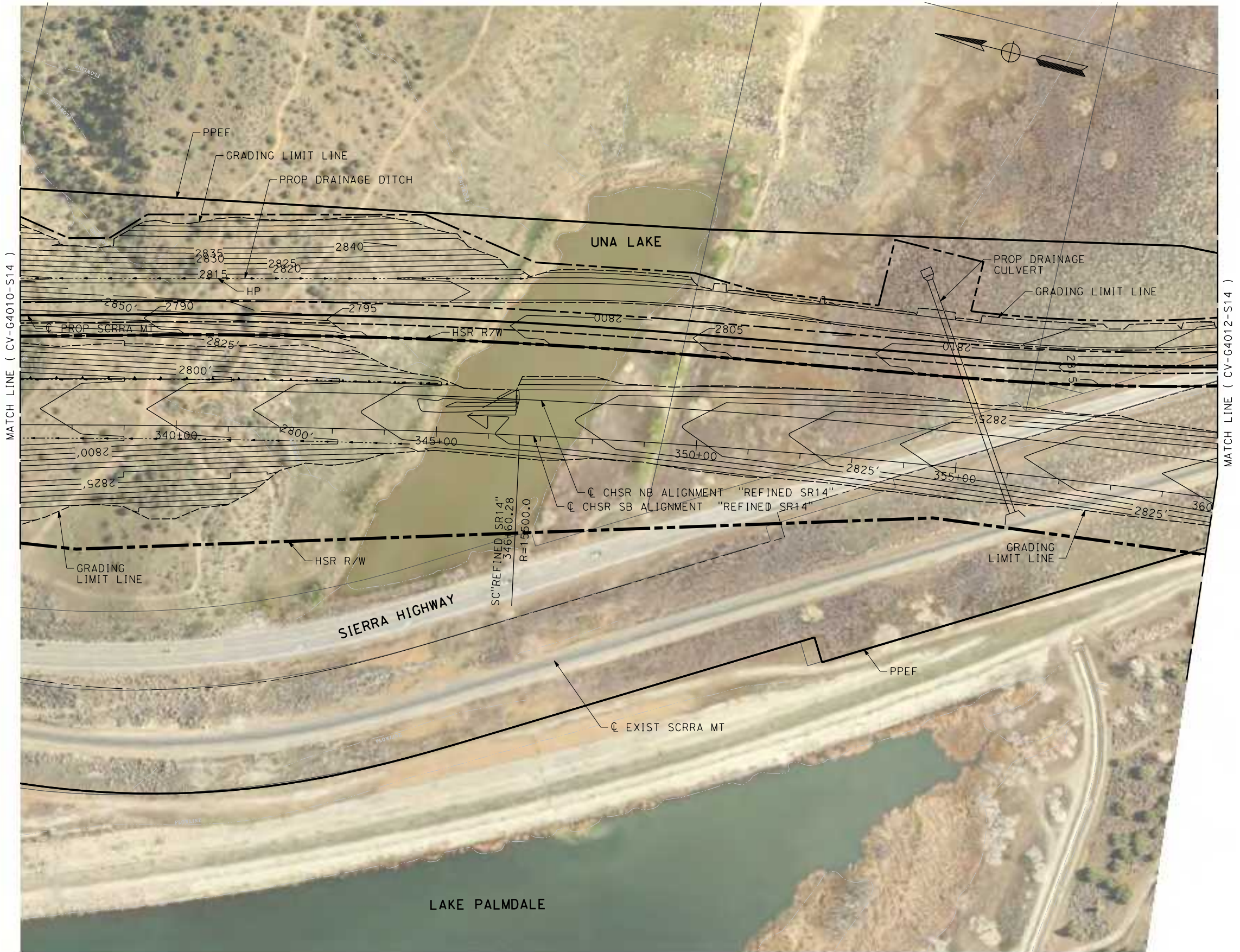
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4010-S14**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
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DRAWN BY  
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CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

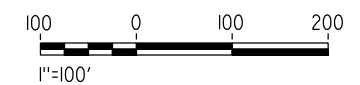
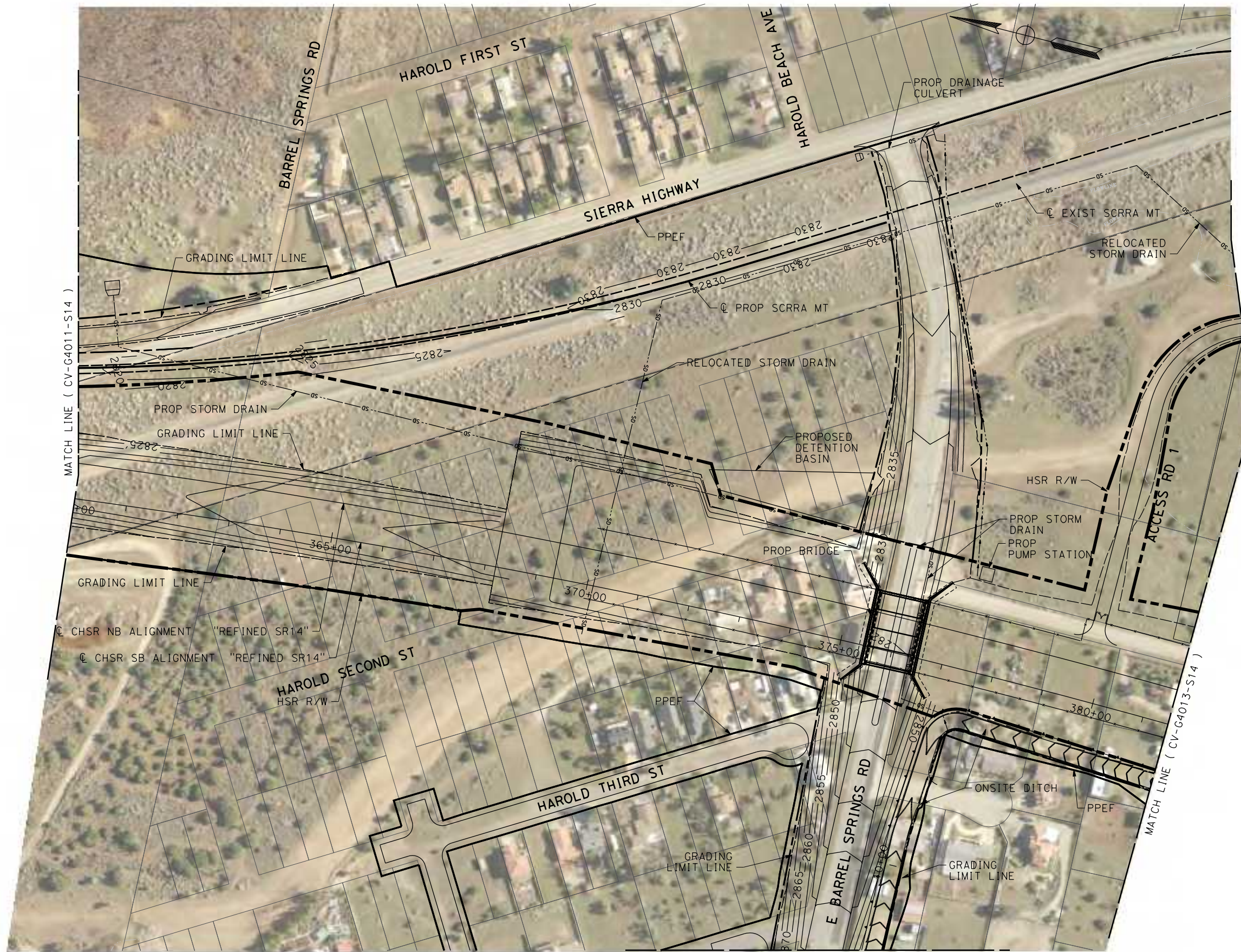
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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DRAWING NO.  
**CV-G4011-S14**  
SCALE  
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SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

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**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

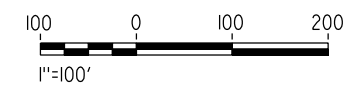
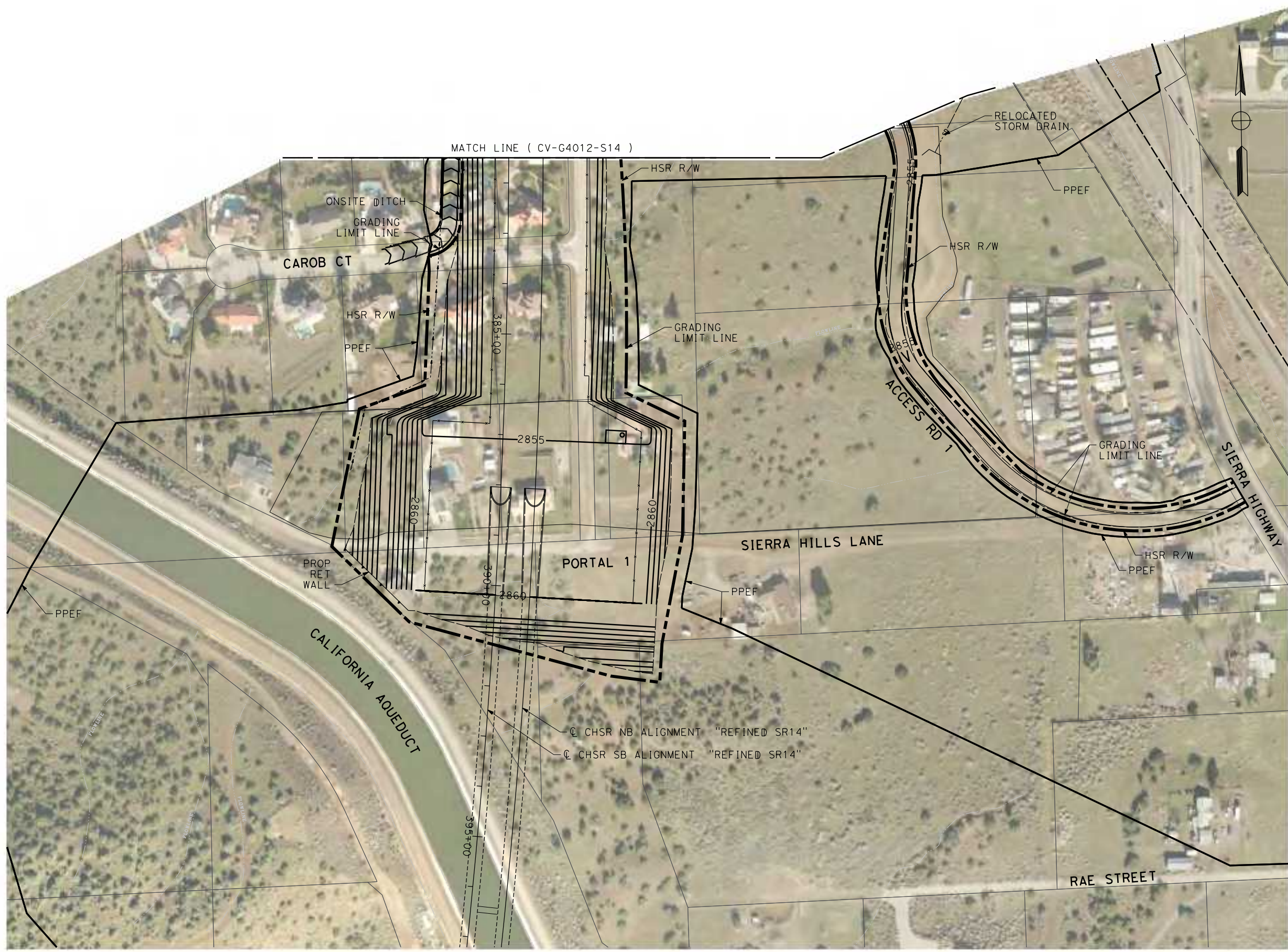
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY  
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CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY  
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CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

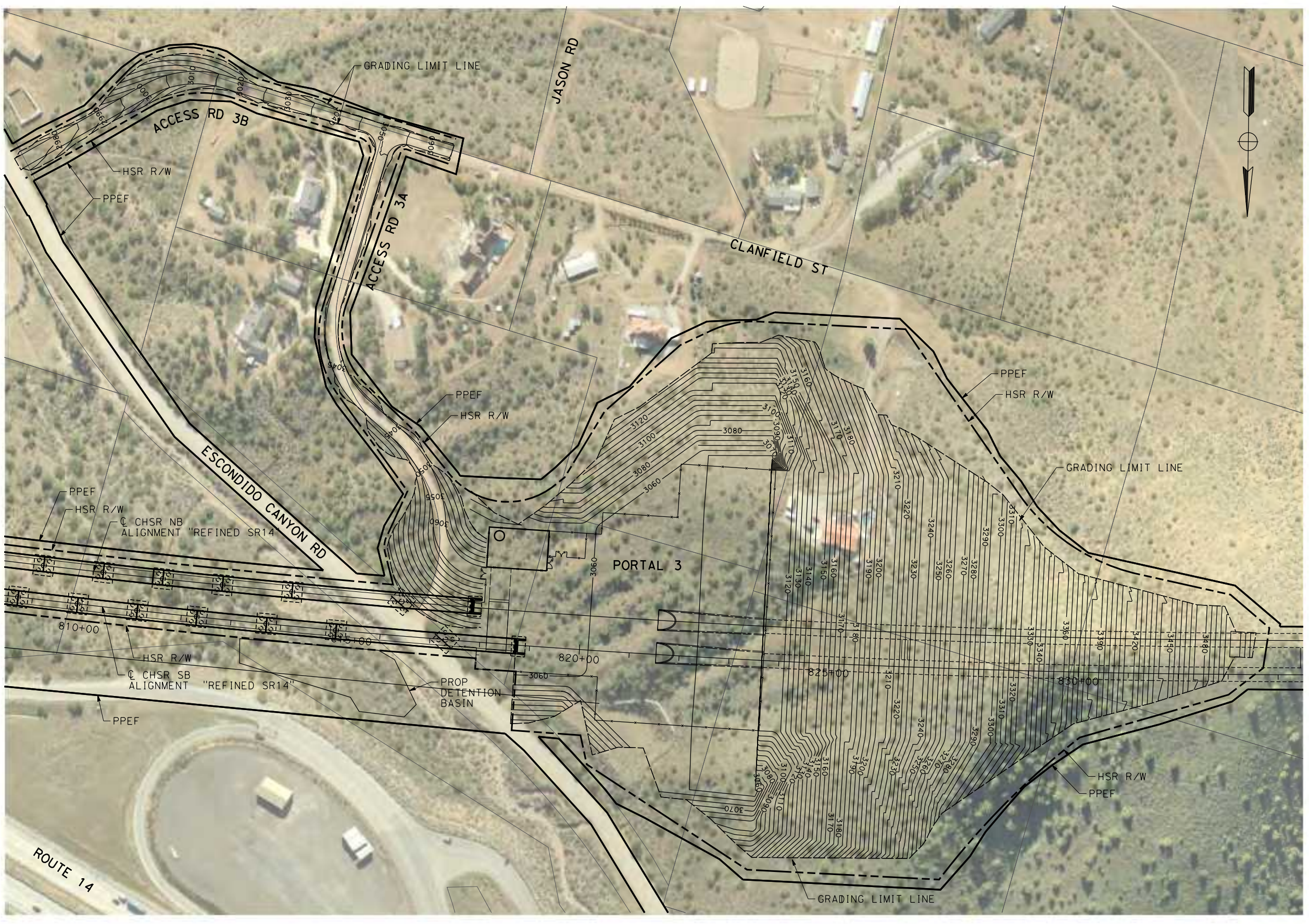
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

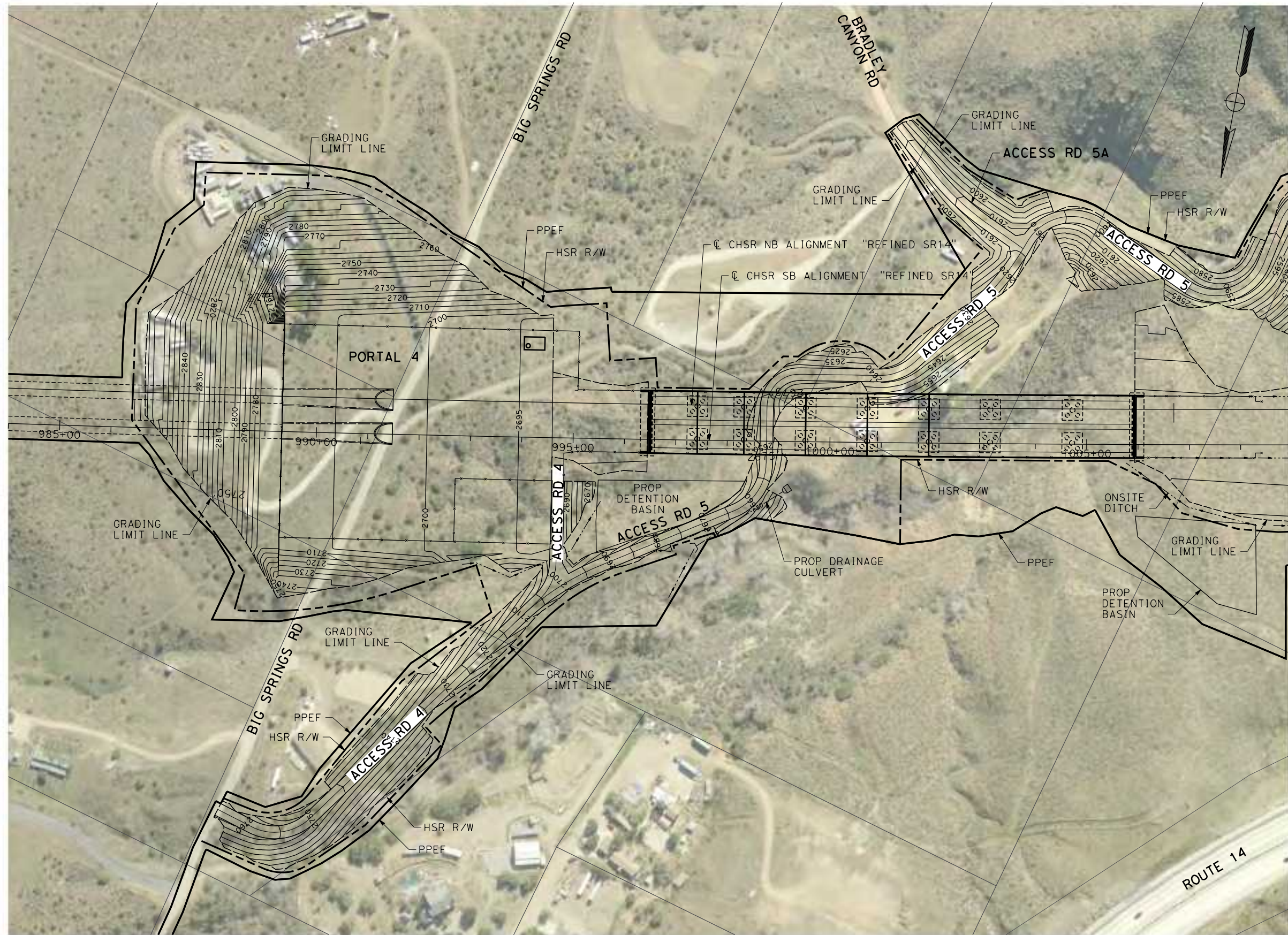
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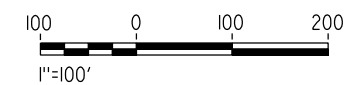
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
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**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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DRAWING NO.  
**CV-G4015-S14**  
SCALE  
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SHEET NO.

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MATCH LINE ( CV-G4017-S14 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
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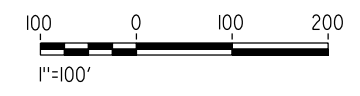


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
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**CV-G4016-S14**  
 SCALE  
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 SHEET NO.



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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

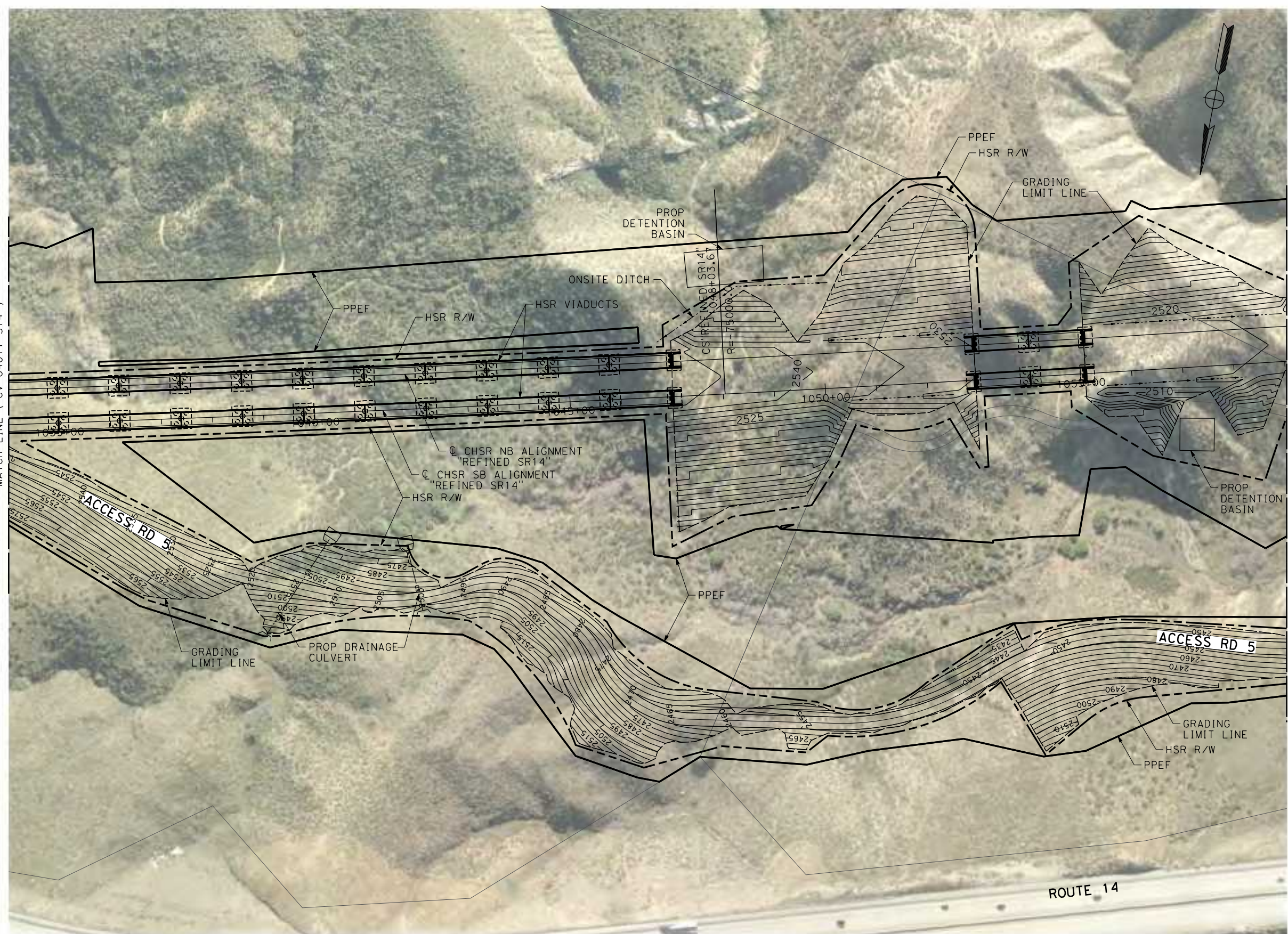
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
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**GRADING AND DRAINAGE PLAN**

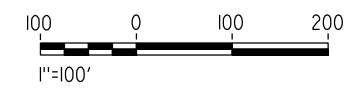
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MATCH LINE ( CV-G4019-S14 )

MATCH LINE ( CV-G4017-S14 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

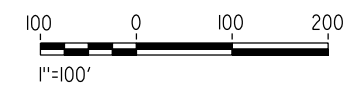
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**CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4018-S14**  
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 SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY  
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CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

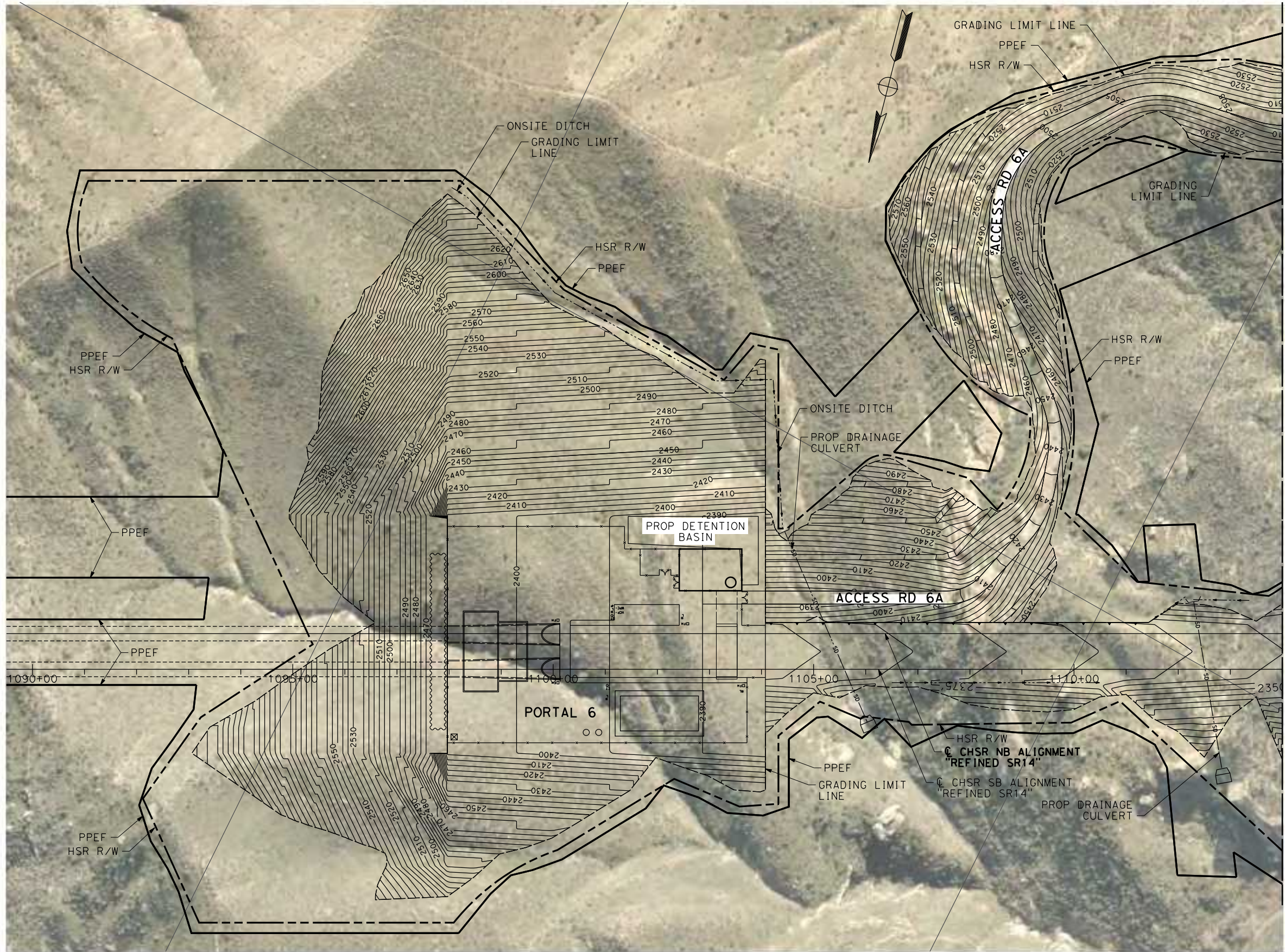
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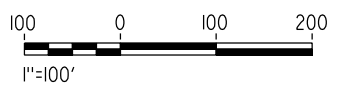
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
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**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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DRAWING NO.  
**CV-G4019-S14**  
SCALE  
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SHEET NO.

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MATCH LINE ( CV-G4021-S14 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

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**NOT FOR CONSTRUCTION**



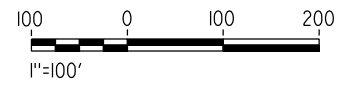
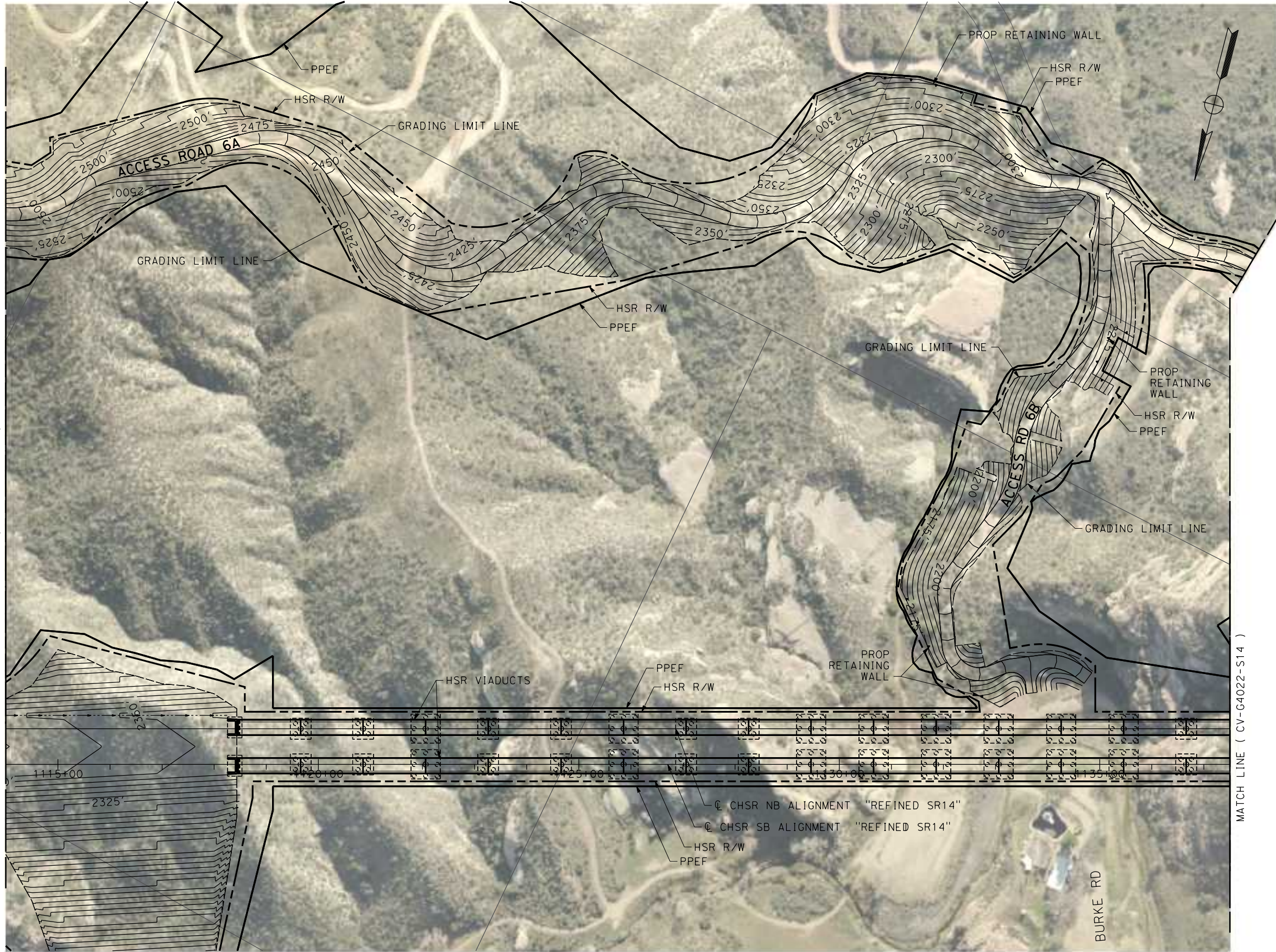
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**PALMDALE TO BURBANK**  
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CONTRACT NO.  
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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET  
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CONSTRUCTION**



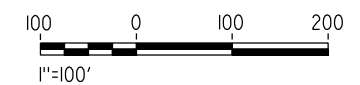
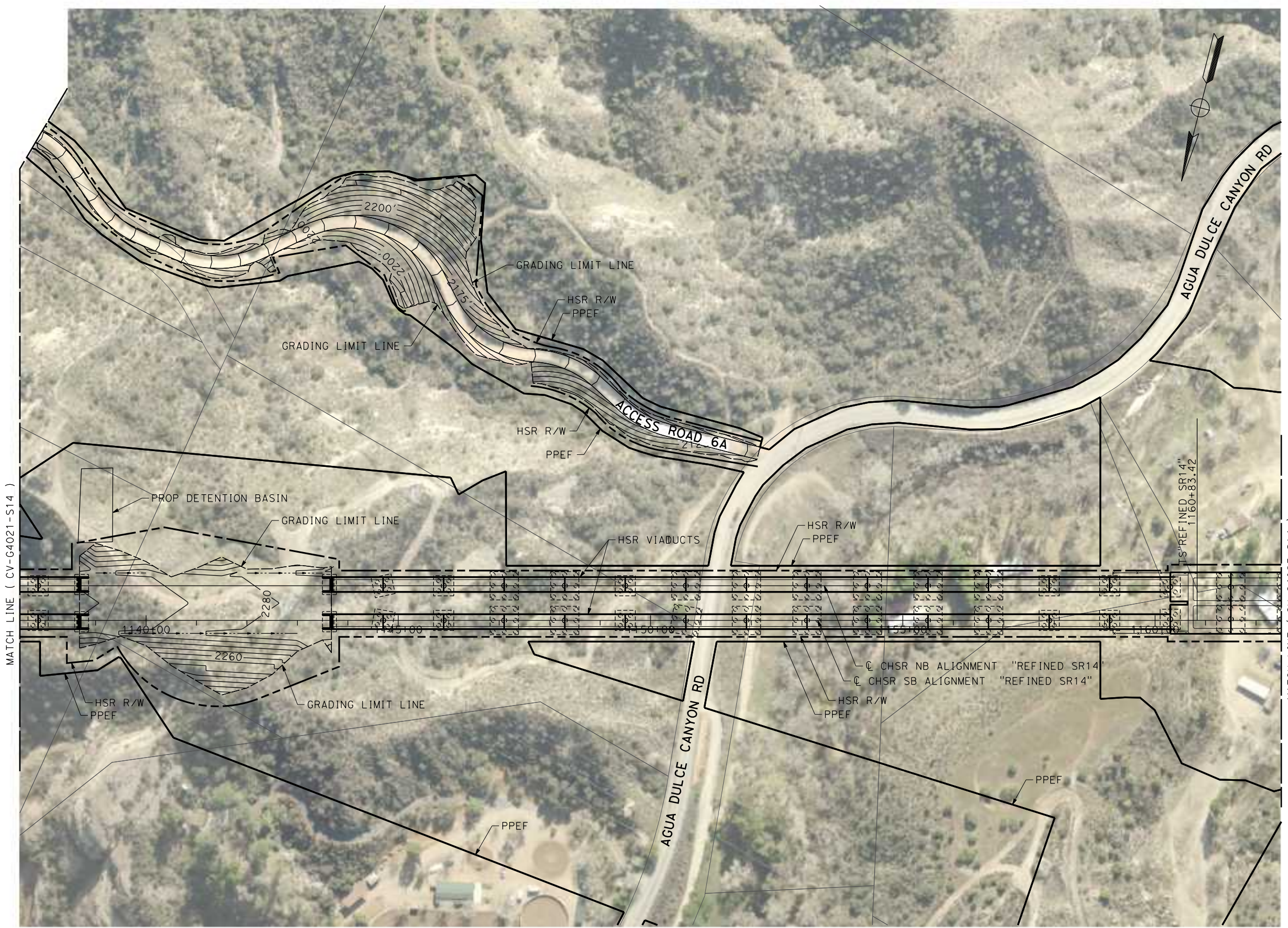
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PALMDALE TO BURBANK  
ALIGNMENT "REFINED SR14"  
GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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SHEET NO.

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5/20/2021 10:57:05 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
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DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

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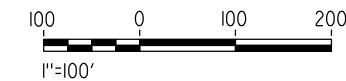
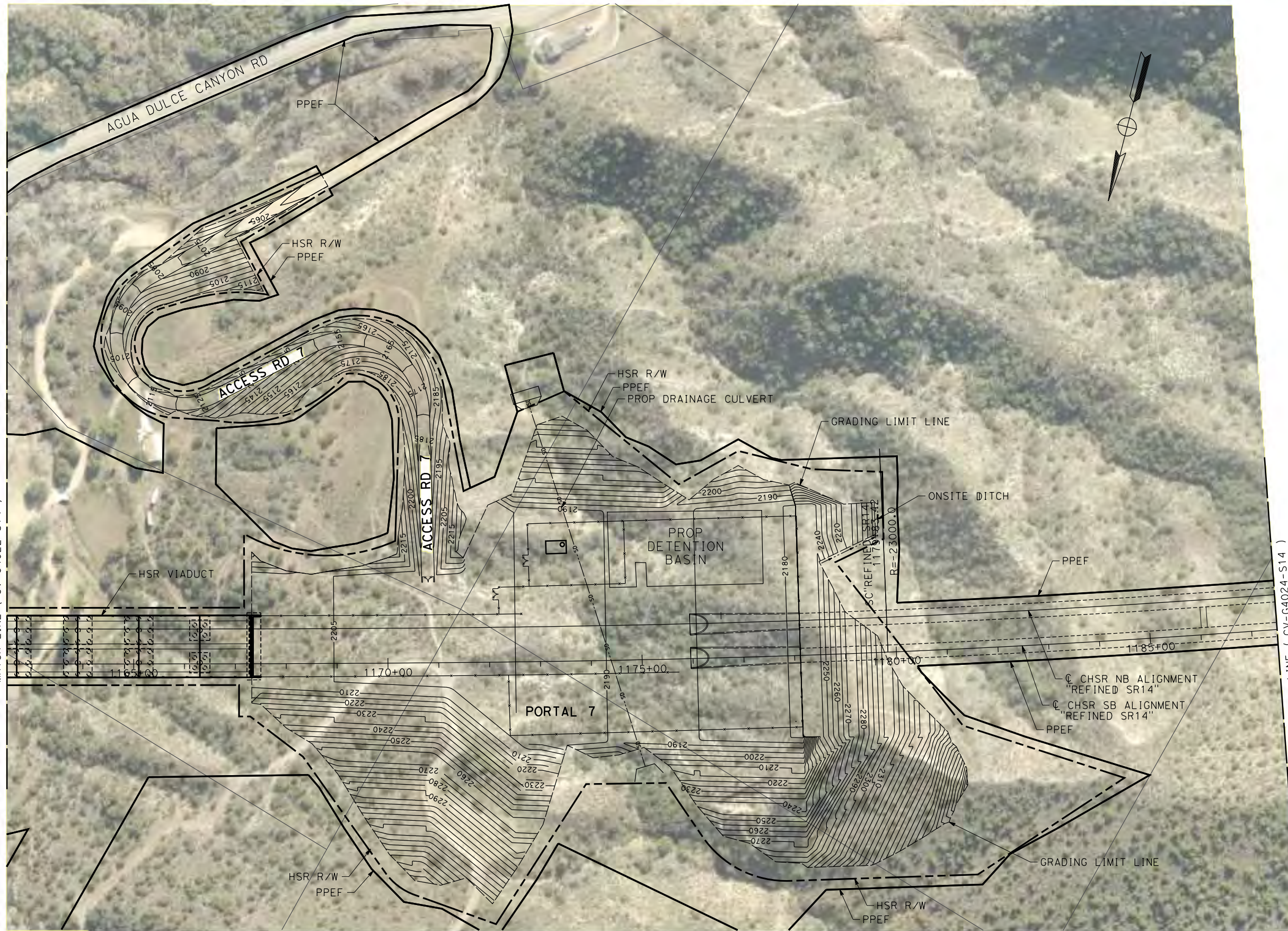
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
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CONTRACT NO.  
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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET  
REV 02  
NOT FOR  
CONSTRUCTION**



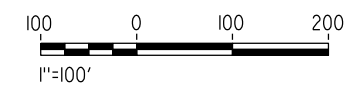
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PALMDALE TO BURBANK  
ALIGNMENT "REFINED SR14"  
GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4023-S14**  
SCALE  
**AS SHOWN**  
SHEET NO.

c:\pwworking\chsr\dms19527\PB-CV-G4024-S14.dgn

4/20/2021 8:58:25 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET  
REV 02**  
  
**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK  
ALIGNMENT "REFINED SR14"**  
  
**GRADING AND DRAINAGE PLAN**

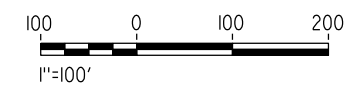
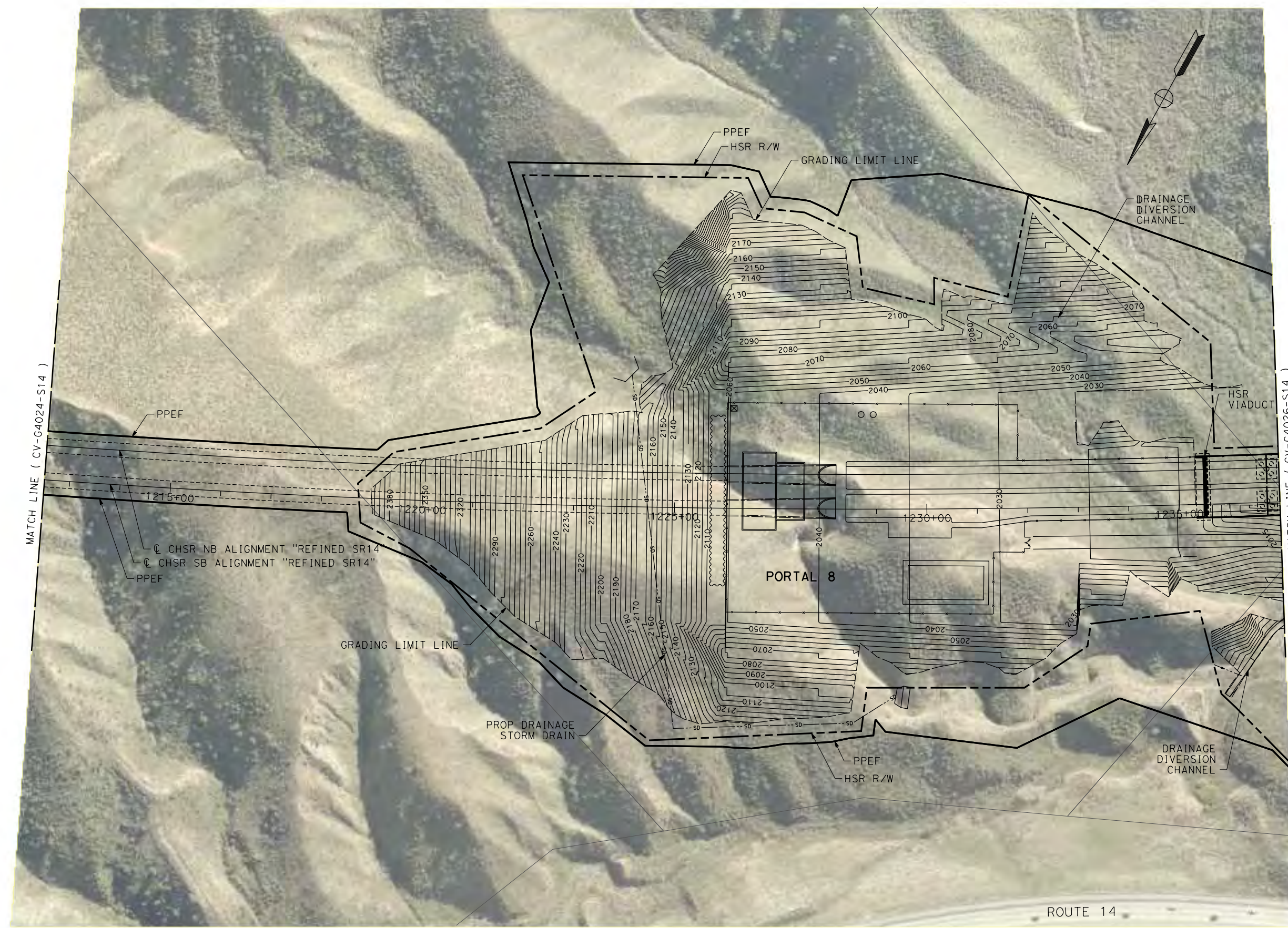
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DRAWING NO.  
**CV-G4024-S14**  
SCALE  
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SHEET NO.



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4/20/2021 8:58:39 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



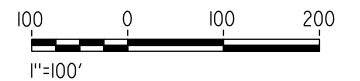
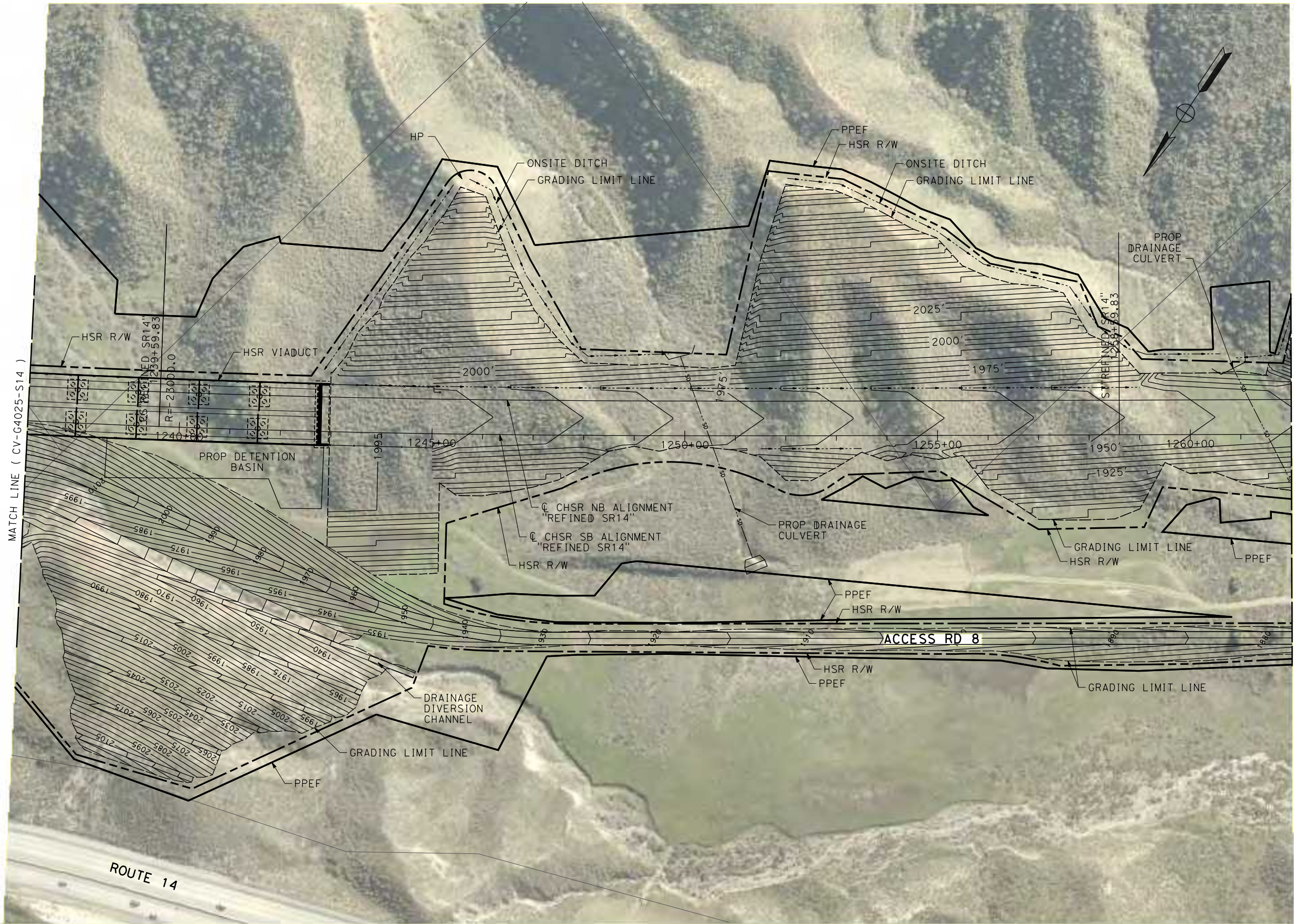
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4025-S14**  
SCALE  
**AS SHOWN**  
SHEET NO.

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4/27/2021 1:01:22 PM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

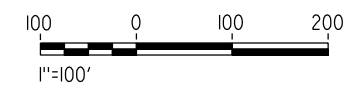
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**REV 02**  
  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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DRAWING NO.  
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SCALE  
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SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

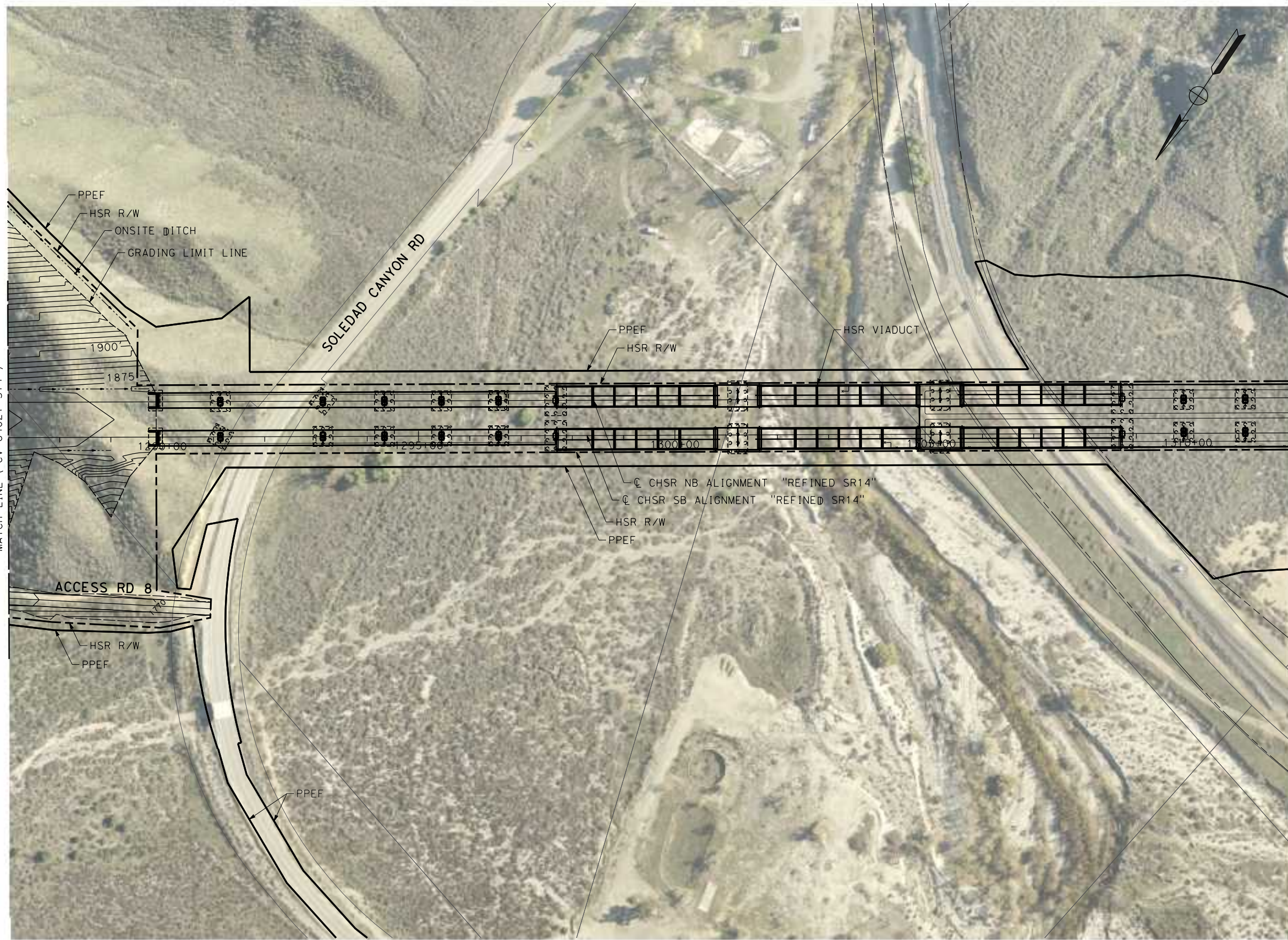
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**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
  
**GRADING AND DRAINAGE PLAN**

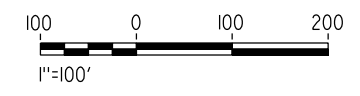
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DRAWING NO.  
**CV-G4027-S14**  
SCALE  
**AS SHOWN**  
SHEET NO.

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 0400073



MATCH LINE ( CV-G4027-S14 )

MATCH LINE ( CV-G4029-S14 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

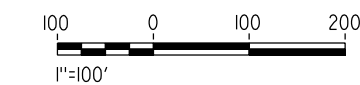
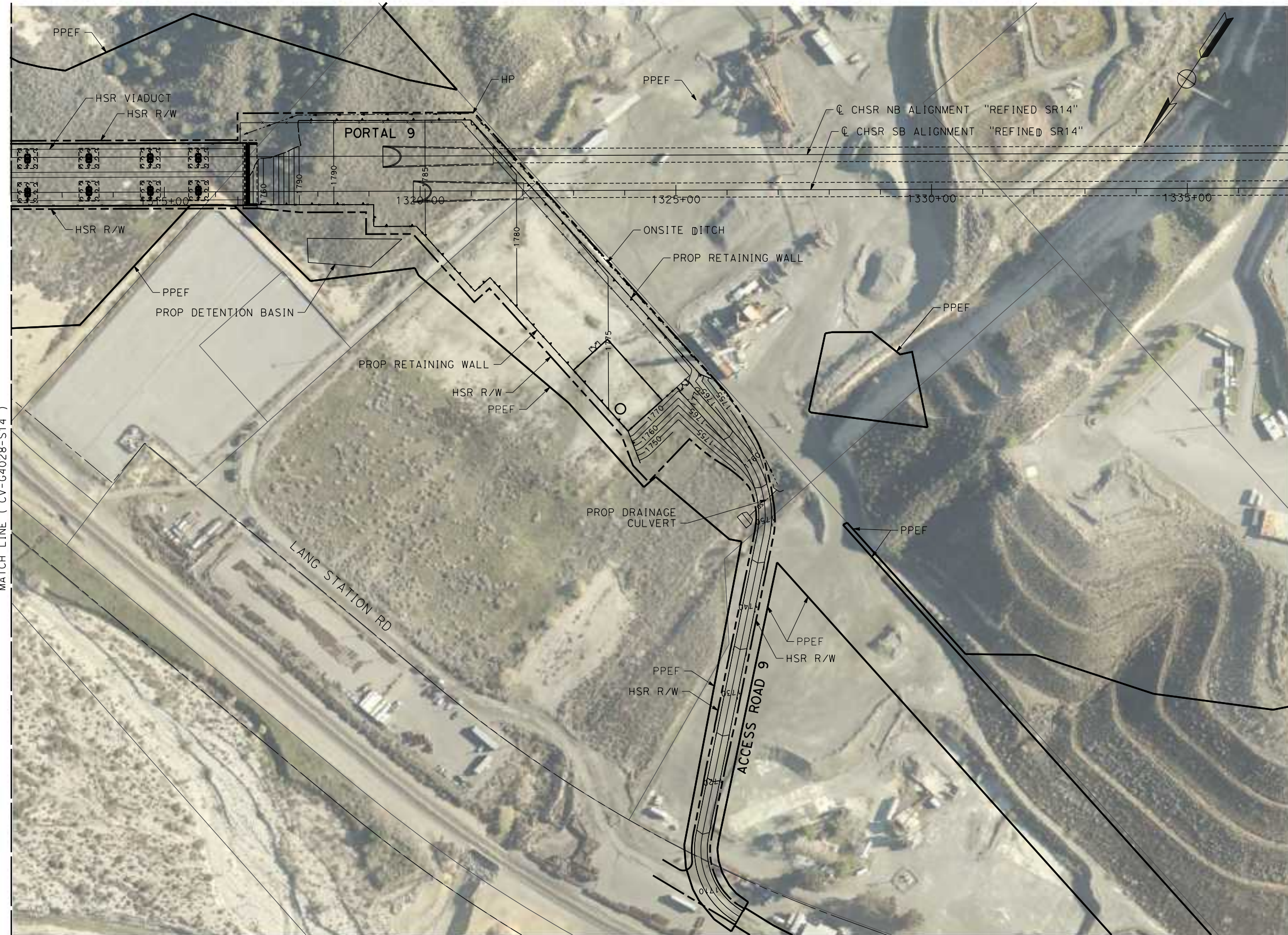
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 REV 02**  
**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK  
 ALIGNMENT "REFINED SR14"**  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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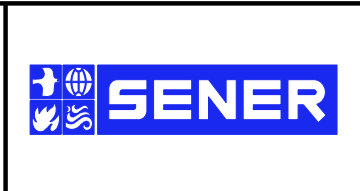
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR**  
**CONSTRUCTION**



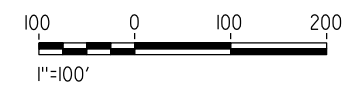
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
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**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
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 SCALE  
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 SHEET NO.

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4/20/2021 8:59:47 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

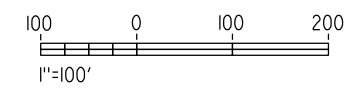
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4030-S14**  
SCALE  
**AS SHOWN**  
SHEET NO.

MATCH LINE ( CV-G4109-S14 )



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4/20/2021 9:00:01 AM

0400074

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

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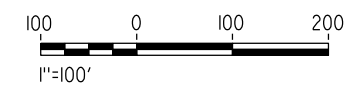
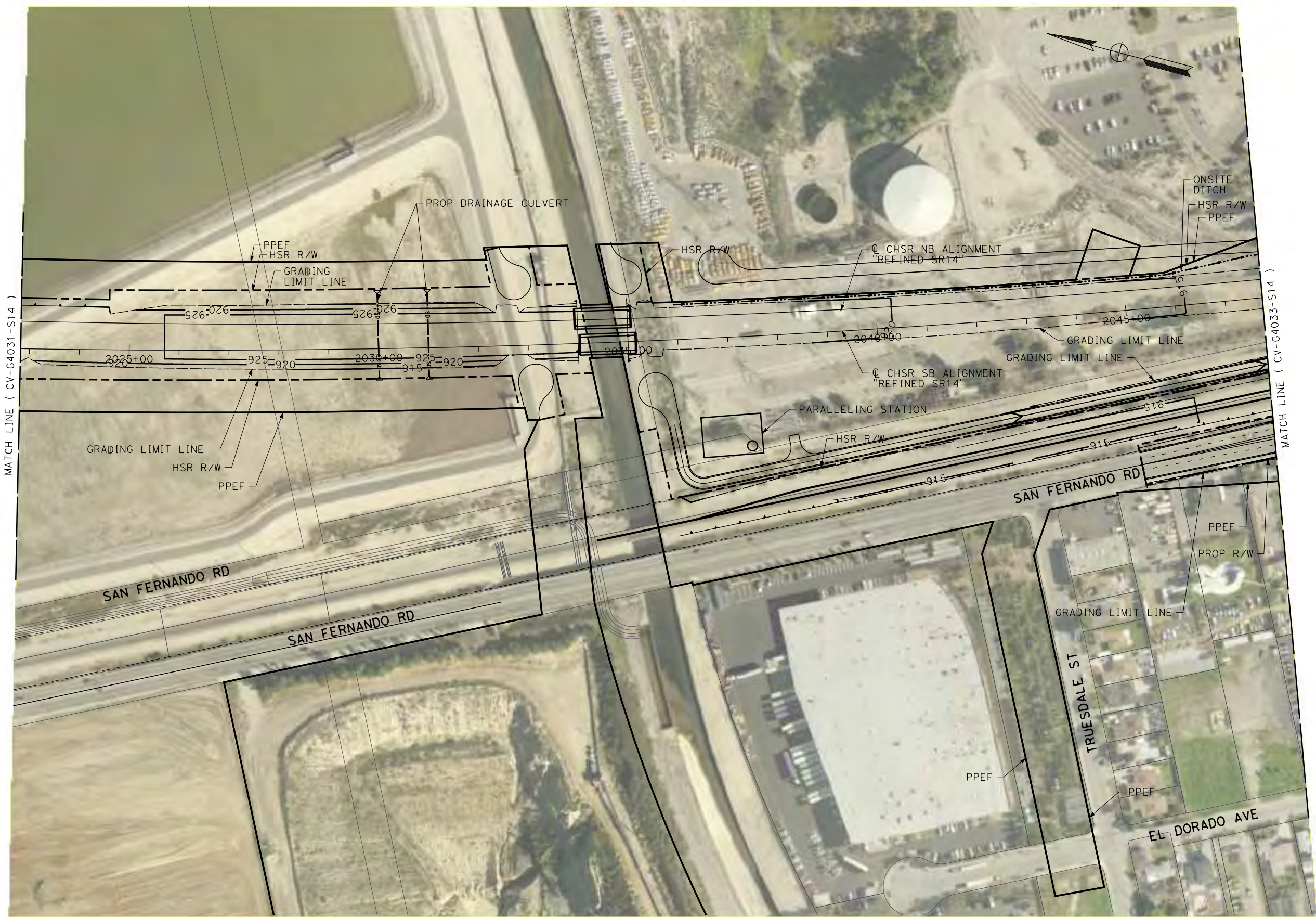
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**PALMDALE TO BURBANK**  
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CONTRACT NO.  
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DRAWING NO.  
**CV-G4031-S14**  
SCALE  
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4/20/2021 9:00:15 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
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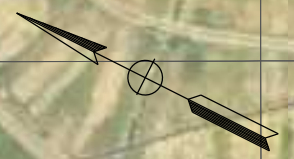
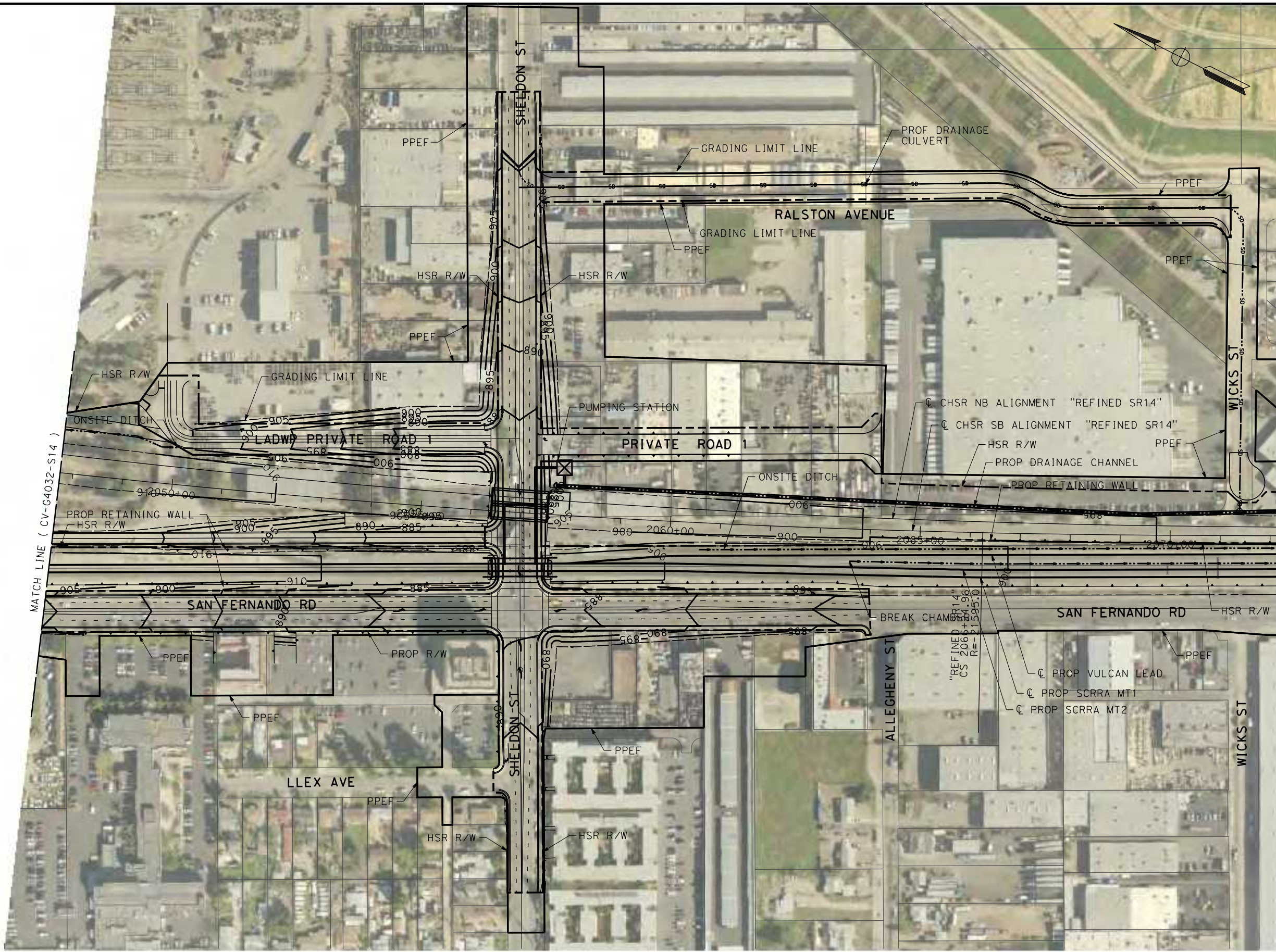


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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DRAWING NO.  
**CV-G4032-S14**  
SCALE  
**AS SHOWN**  
SHEET NO.

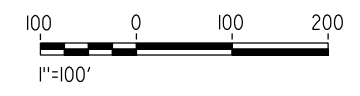


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MATCH LINE ( CV-G4034-S14 )

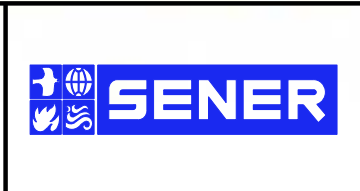
MATCH LINE ( CV-G4032-S14 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

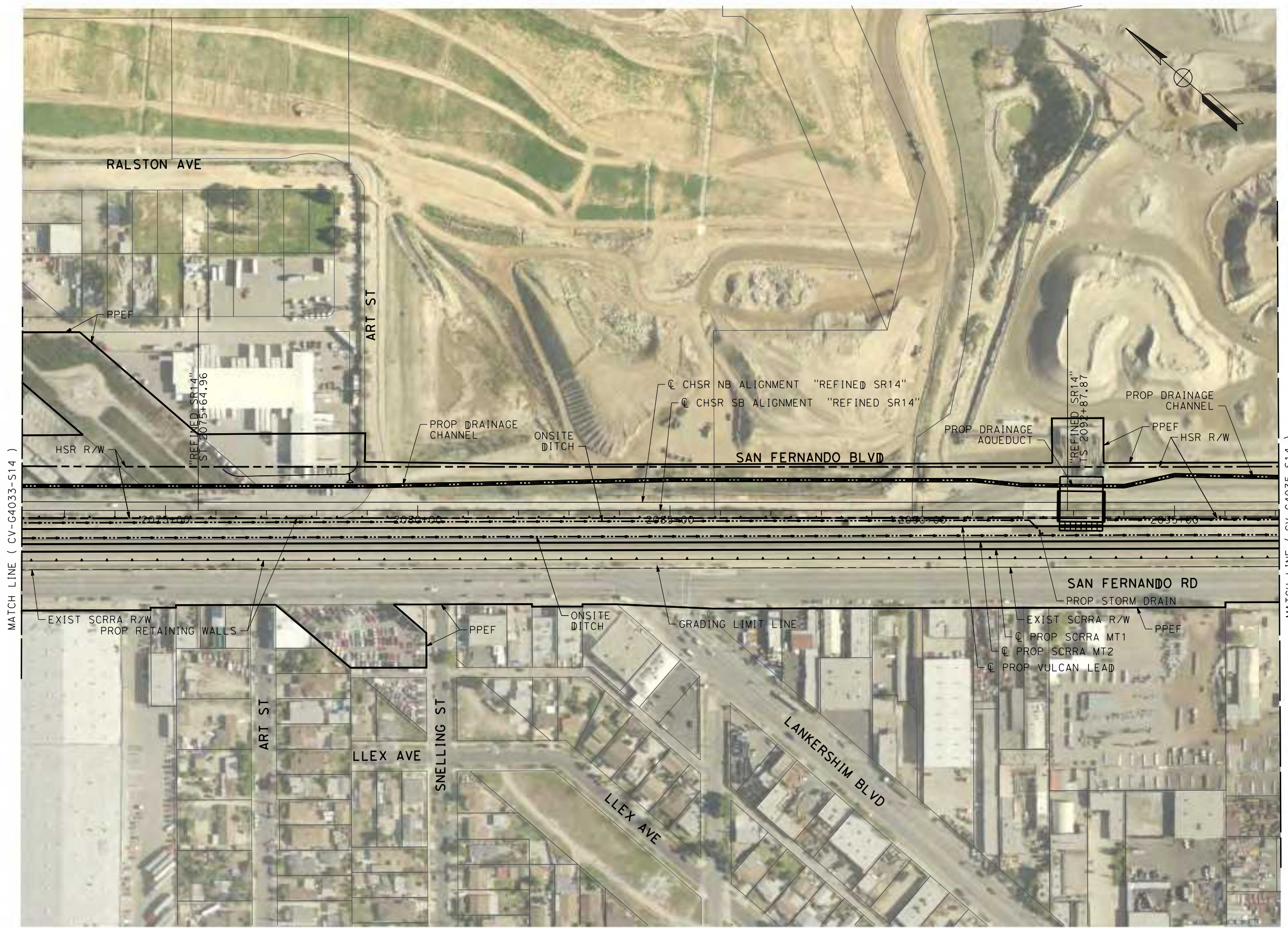
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
**GRADING AND DRAINAGE PLAN**

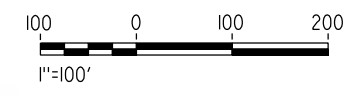
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 0400073



MATCH LINE ( CV-G4033-S14 )

MATCH LINE ( CV-G4035-S14 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

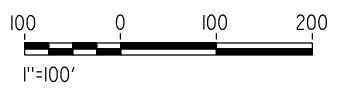
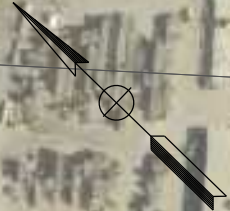
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**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4034-S14**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
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 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR**  
**CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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 SHEET NO.

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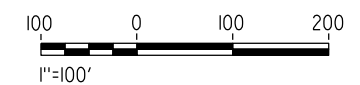
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0400074



MATCH LINE ( CV-G4035-S14 )

MATCH LINE ( CV-G4037-S14 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

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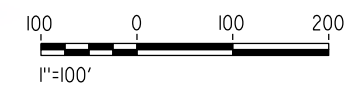
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CONTRACT NO.  
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DRAWING NO.  
**CV-G4036-S14**  
SCALE  
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SHEET NO.

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4/20/2021 9:01:24 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4037-S14**  
SCALE  
**AS SHOWN**  
SHEET NO.

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4/20/2021 9:01:38 AM

0400074



MATCH LINE ( CV-G4037-S14 )

MATCH LINE ( CV-G4039-S14 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
REV 02  
  
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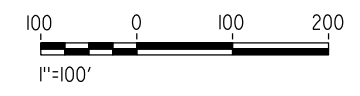
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**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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DRAWING NO.  
**CV-G4038-S14**  
SCALE  
**AS SHOWN**  
SHEET NO.

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4/20/2021 9:02:31 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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DRAWING NO.  
**CV-G4039-S14**  
SCALE  
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SHEET NO.

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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



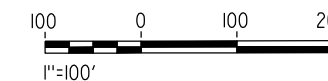
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**PALMDALE TO BURBANK**  
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**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4040-S14**  
SCALE  
**AS SHOWN**  
SHEET NO.



MATCH LINE (CV-4009-S14)

MATCH LINE (CV-4010-S14)



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4/20/2021 9:02:49 AM

0400074

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR**  
**CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
  
**GRADING AND DRAINAGE PLAN**

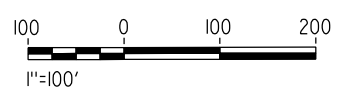
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 DRAWING NO.  
**CV-G4105-S14**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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 7/2/2021 5:08:07 PM  
 0400073



MATCH LINE ( CV-G4107-S14 )

MATCH LINE (CV-4009-S14 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

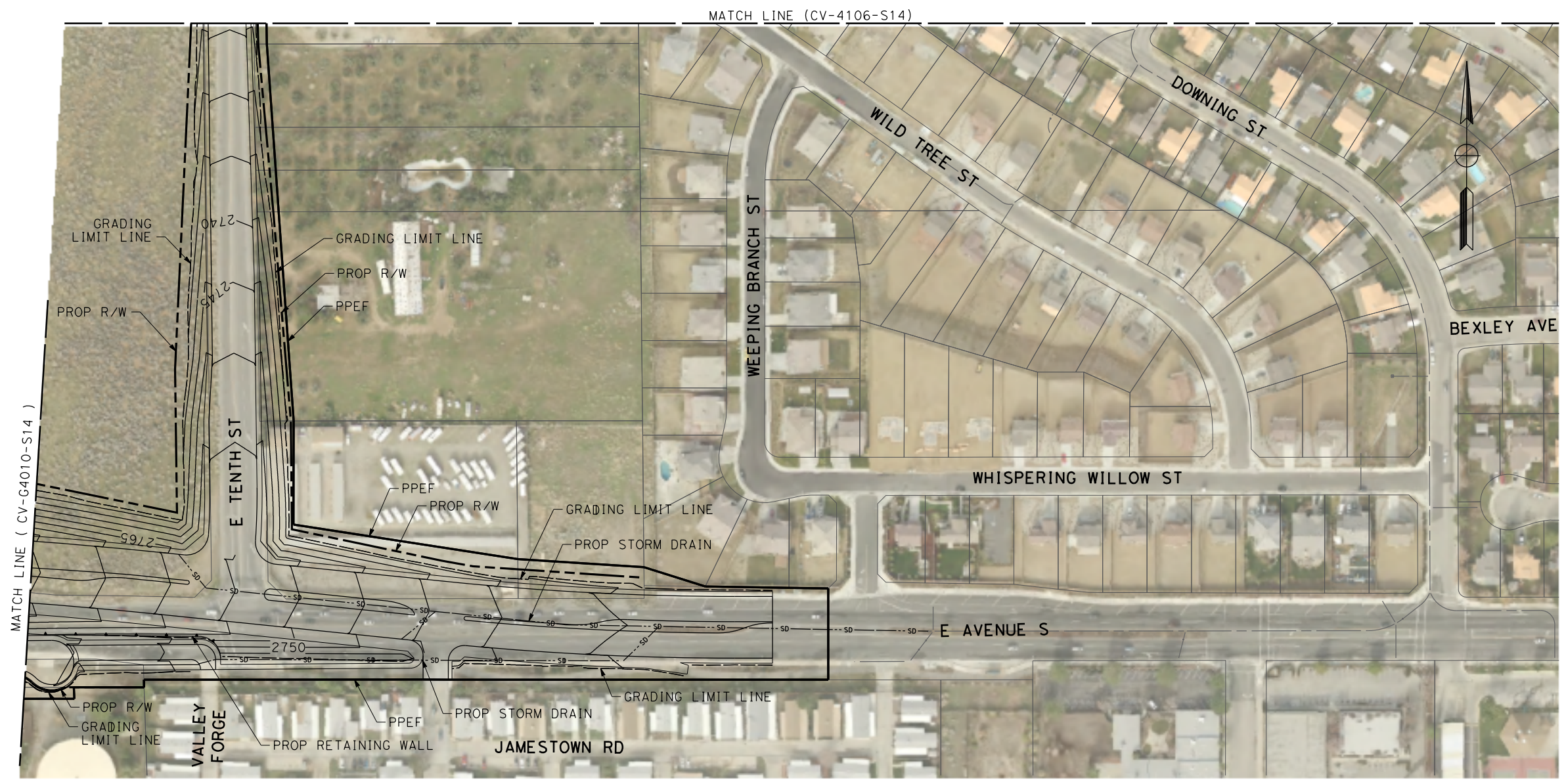
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**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4106-S14**  
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 SHEET NO.

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 7/2/2021 5:11:38 PM  
 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET  
 REV 02**  
**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "REFINED SR14"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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 SHEET NO.

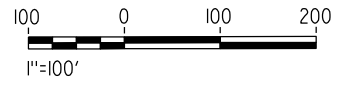
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4/20/2021 9:03:16 AM

0400074

MATCH LINE (CV-4012-S14)

MATCH LINE (CV-4013-S14)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "REFINED SR14"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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DRAWING NO.  
**CV-G4108-S14**  
SCALE  
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SHEET NO.

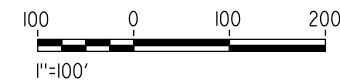
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4/20/2021 9:03:25 AM

0400074



MATCH LINE ( CV-G4031-S14 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

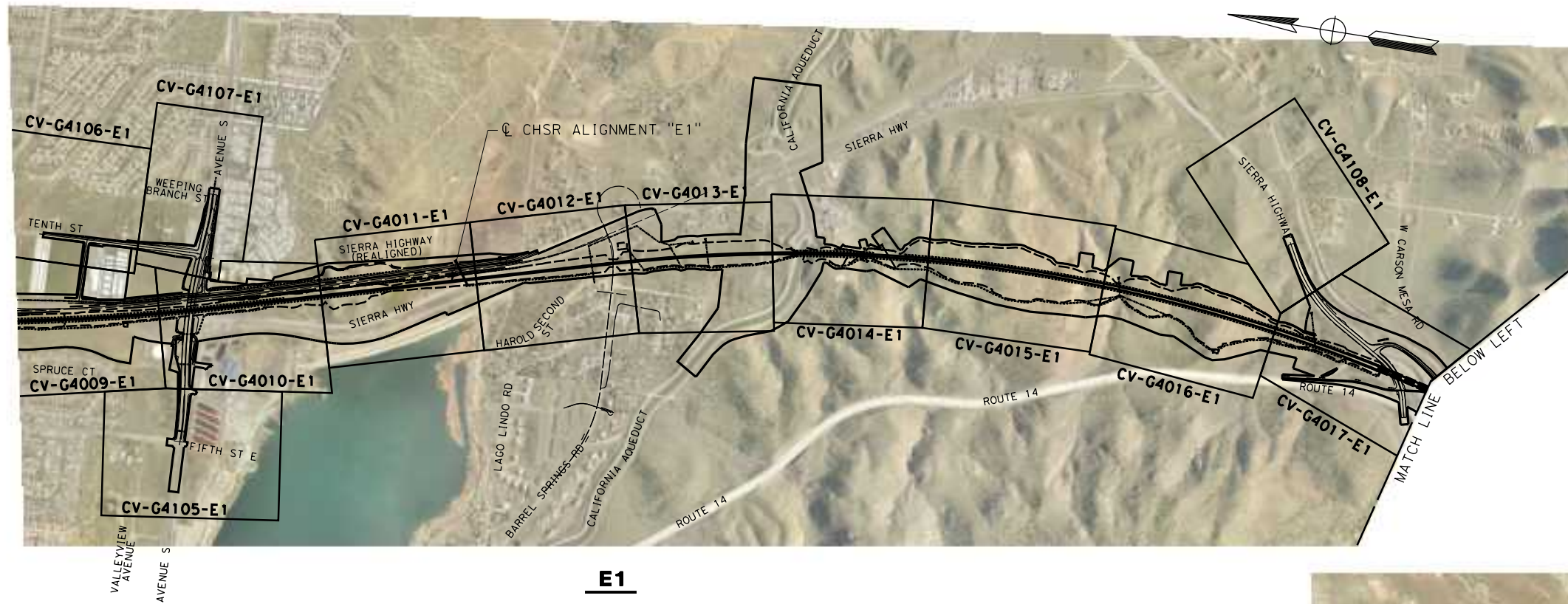
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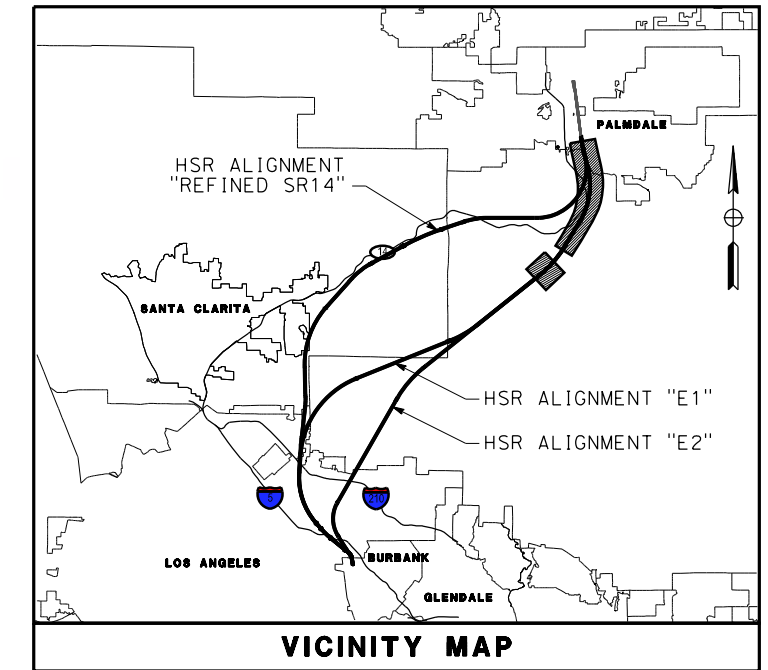
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "REFINED SR14"**  
  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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DRAWING NO.  
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SCALE  
**AS SHOWN**  
SHEET NO.

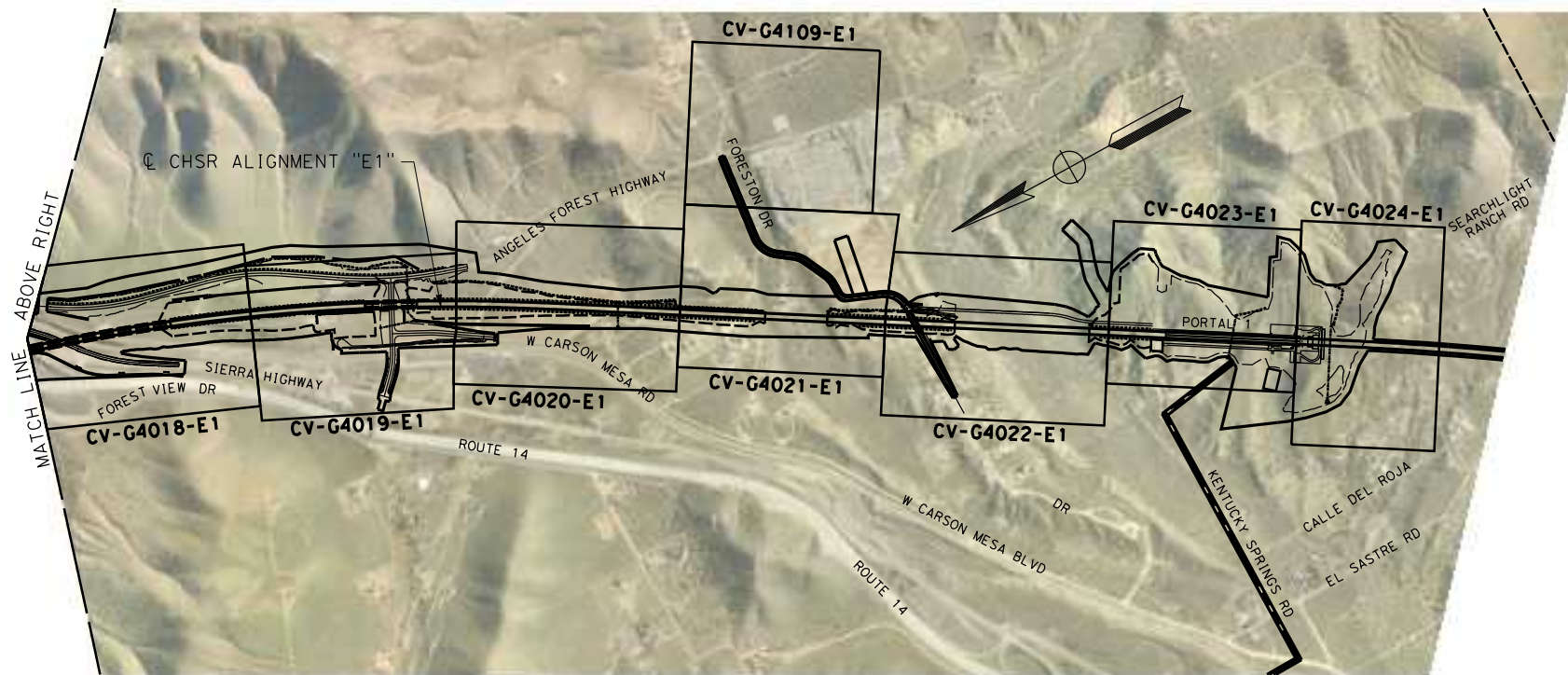
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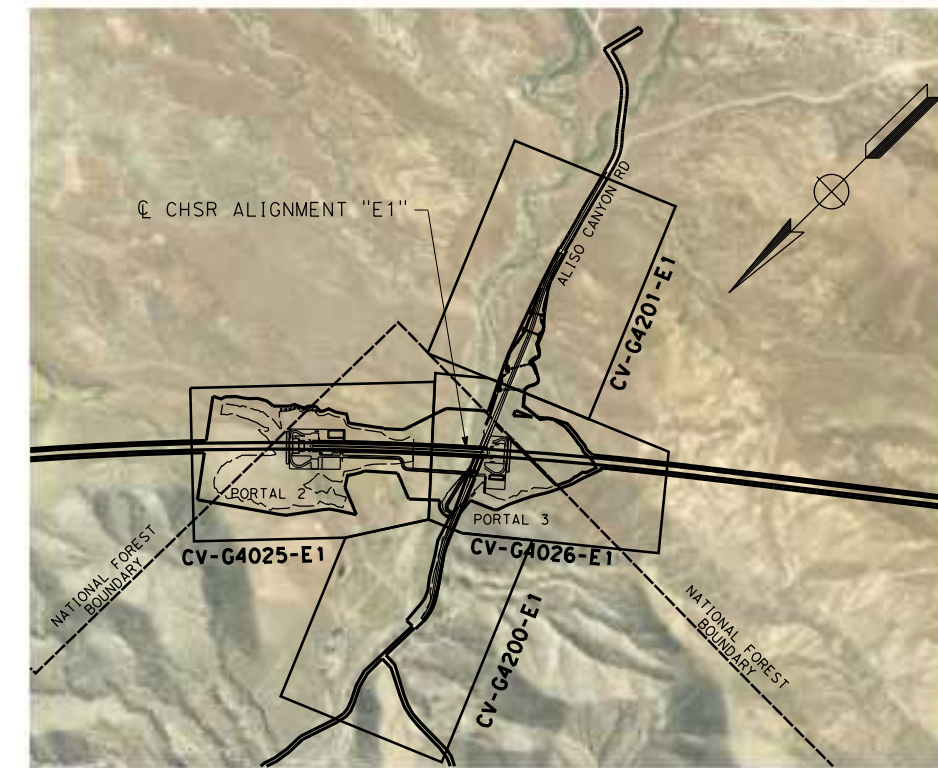
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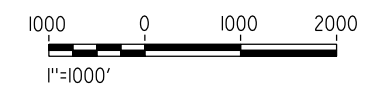
**VICINITY MAP**



**E1**



**E1**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

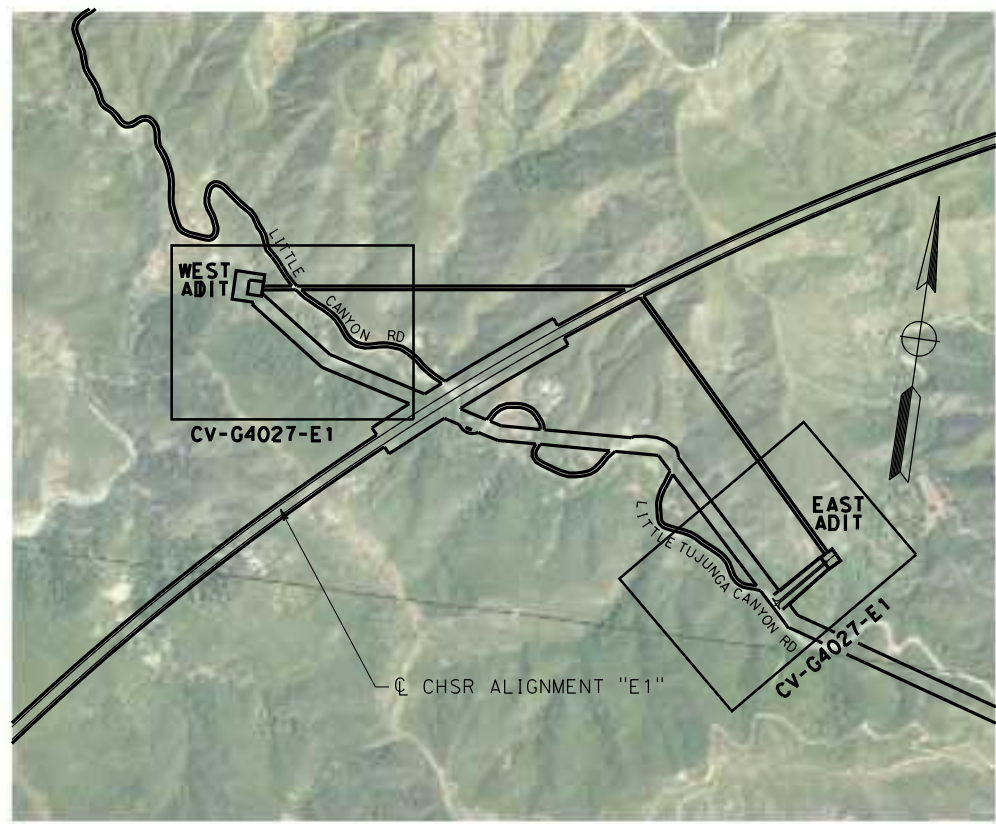
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**REV02**  
**NOT FOR**  
**CONSTRUCTION**



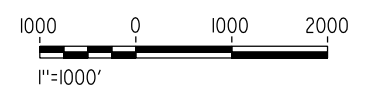
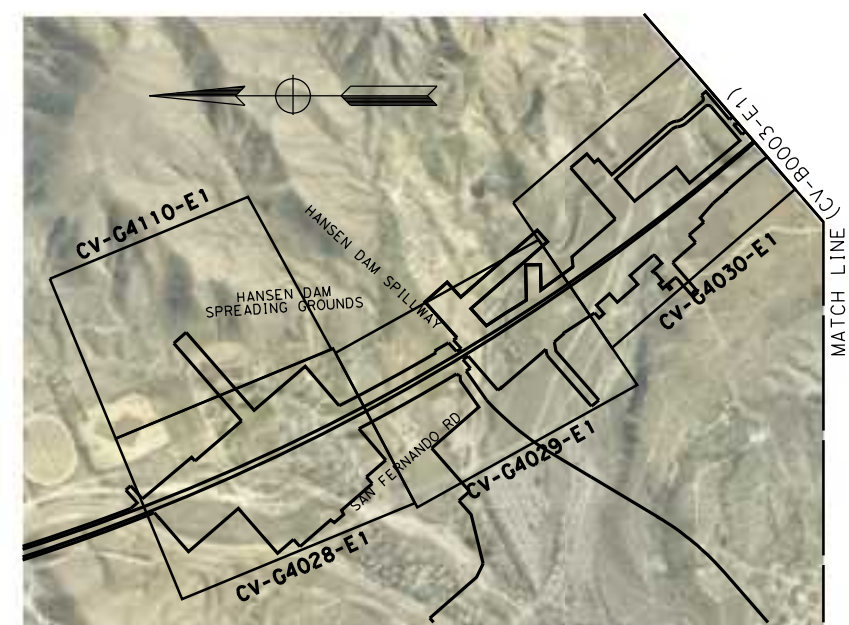
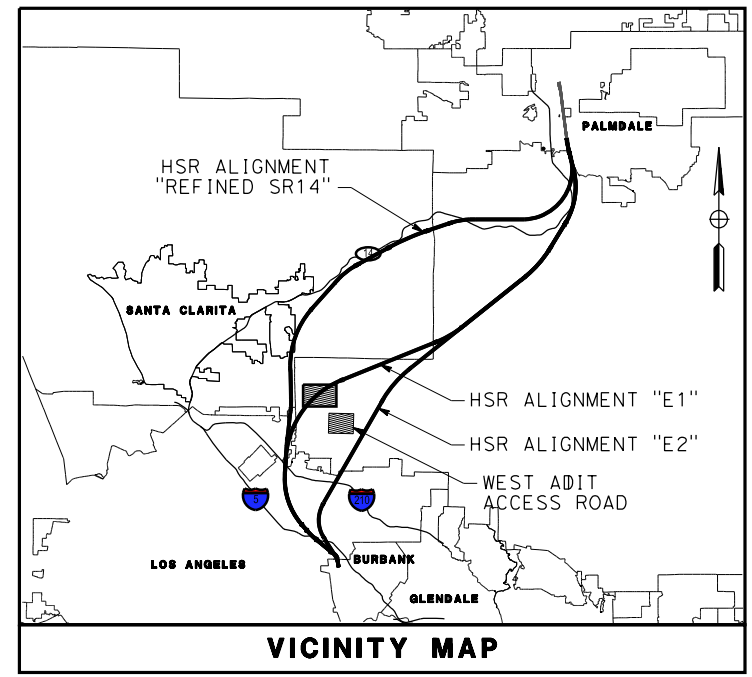
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
GRADING AND DRAINAGE PLAN  
KEY MAP 1 OF 3

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-B0001-E1**  
SCALE  
**AS SHOWN**  
SHEET NO.

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**E1**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

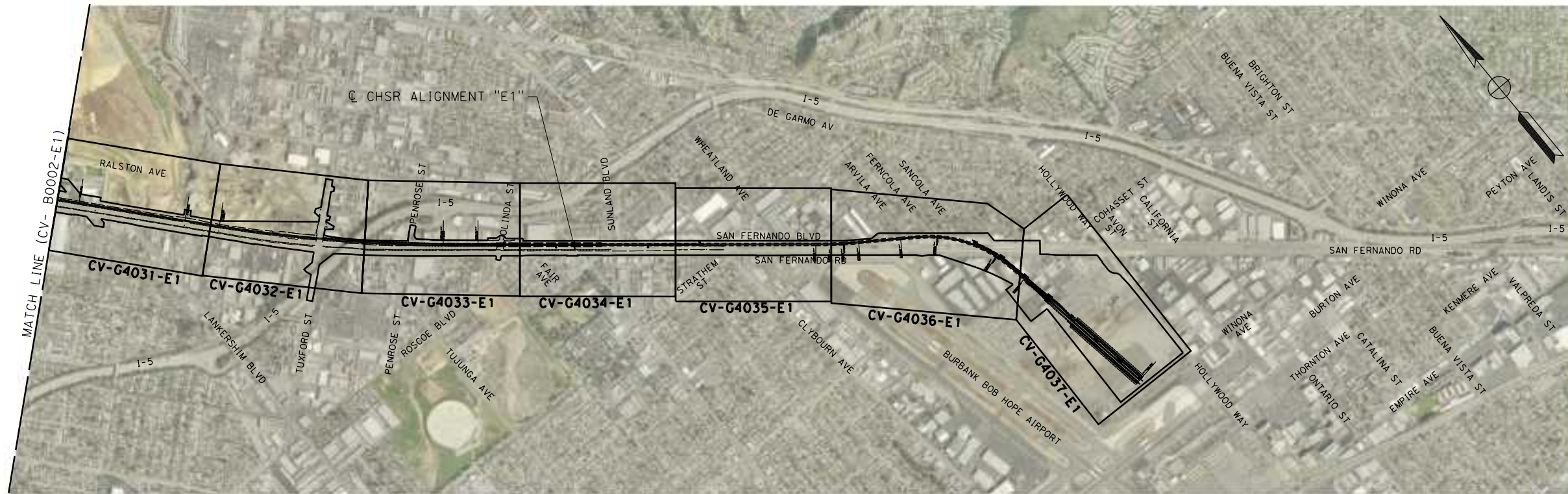
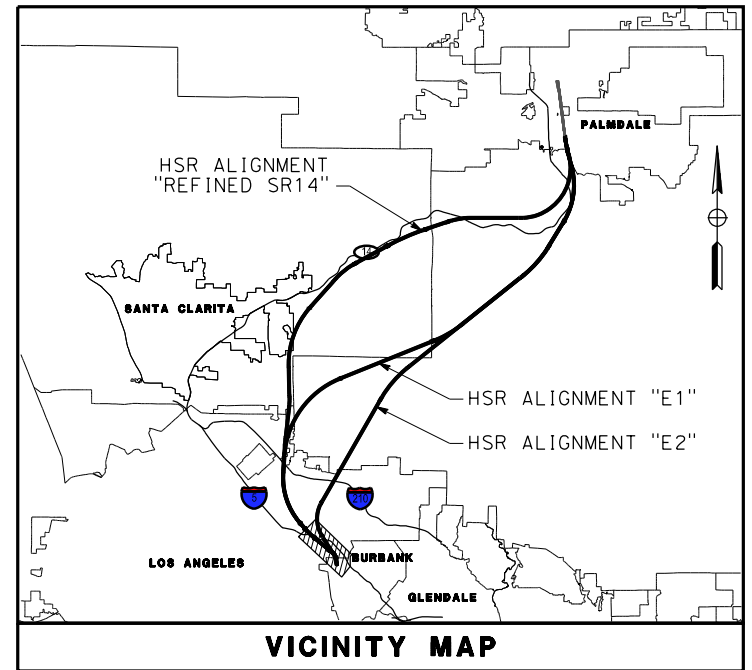
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REV 02**  
  
**NOT FOR  
CONSTRUCTION**



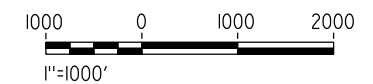
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK  
ALIGNMENT "E1"**  
  
GRADING AND DRAINAGE PLAN  
KEY MAP 2 OF 3

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-B0002-E1**  
SCALE  
**AS SHOWN**  
SHEET NO.

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**E1**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET  
REV 02  
NOT FOR  
CONSTRUCTION**



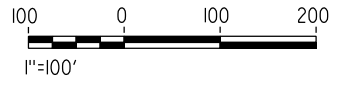
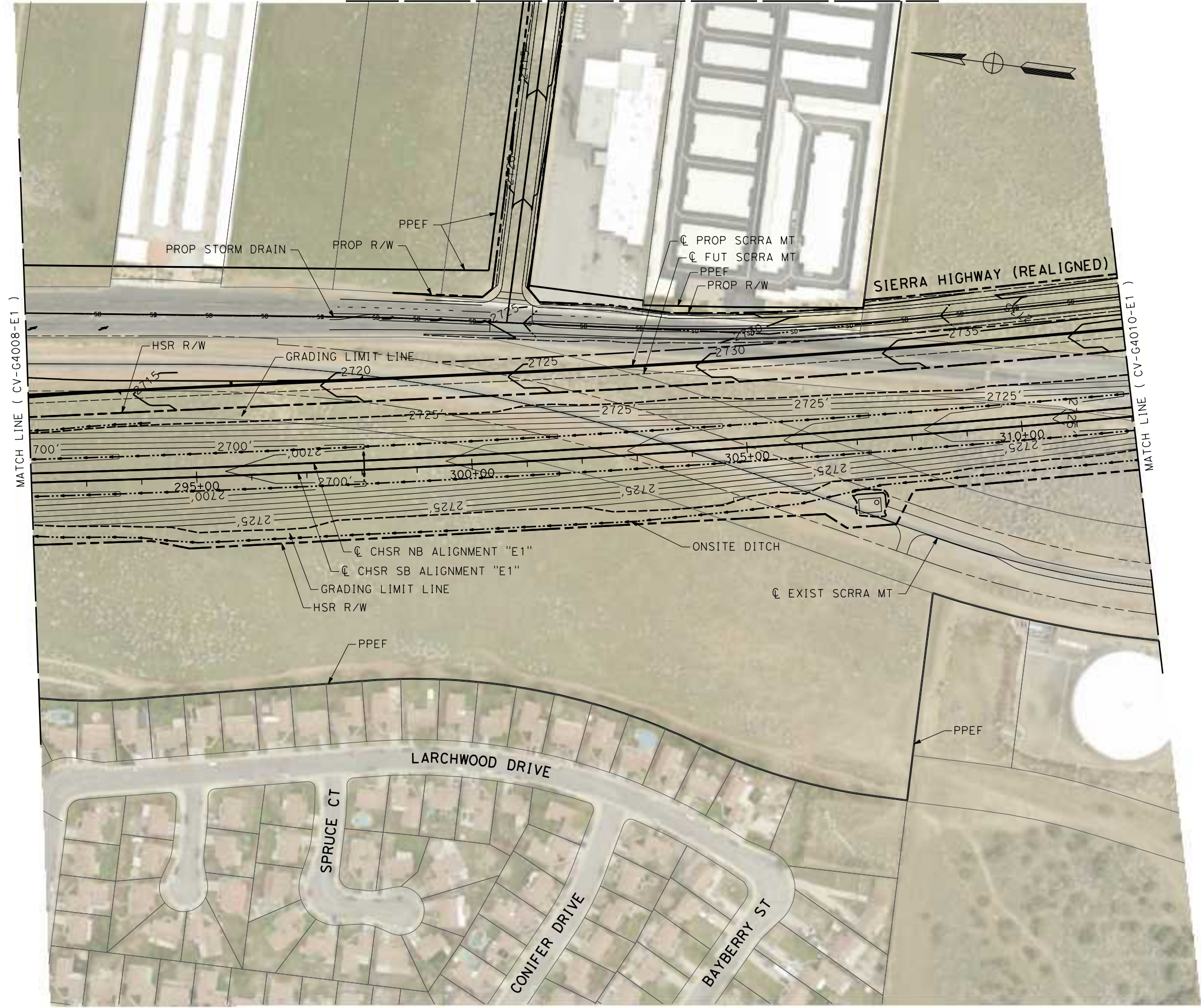
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK  
ALIGNMENT "E1"**  
GRADING AND DRAINAGE PLAN  
KEY MAP 3 OF 3

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-B0003-E1**  
SCALE  
**AS SHOWN**  
SHEET NO.



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MATCH LINE ( CV-G4106-E1 AND CV-G4107-E1 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

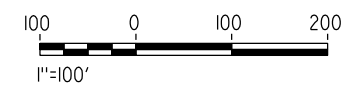
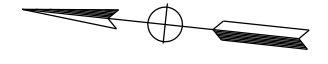
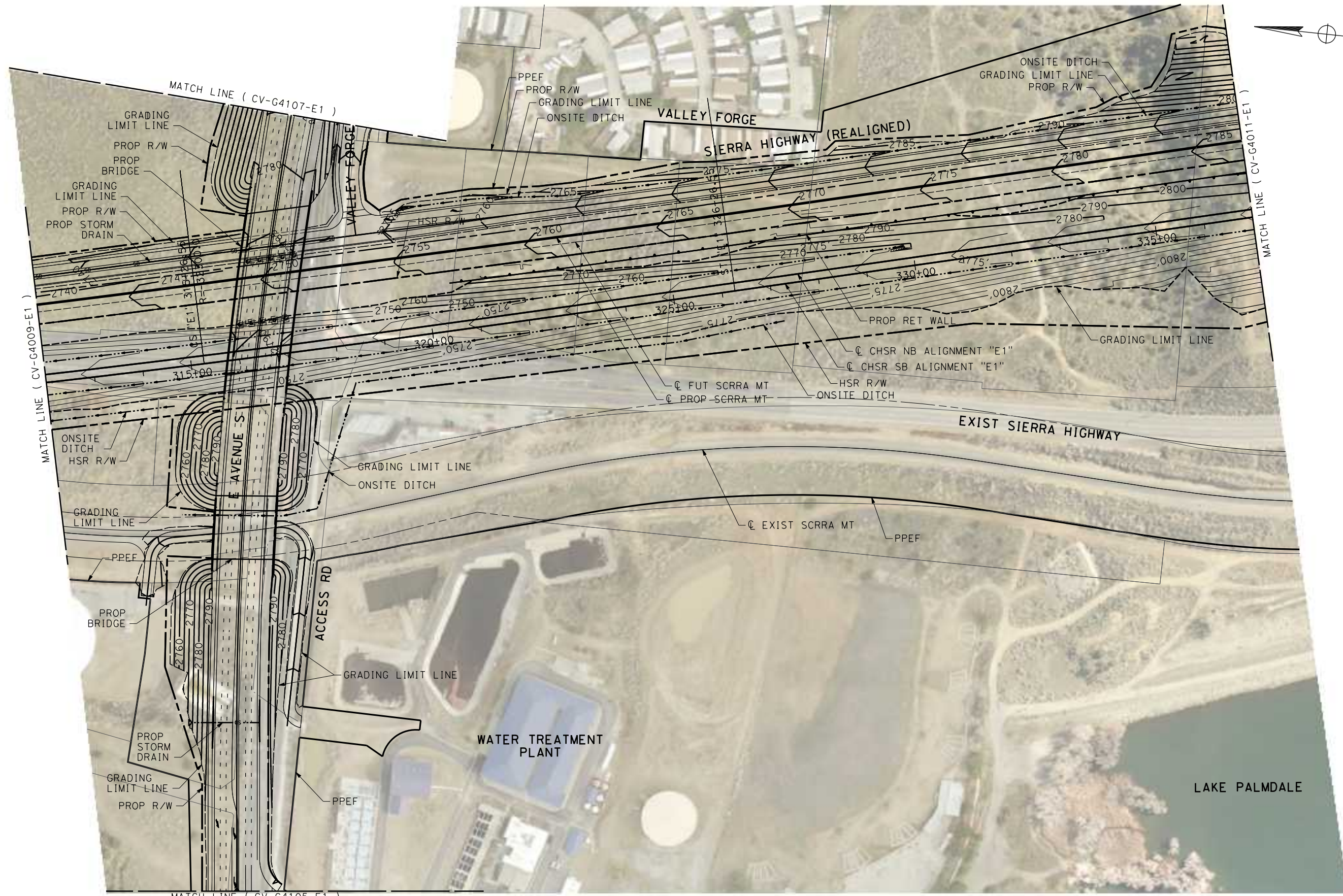
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**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4009-E1**  
SCALE  
**AS SHOWN**  
SHEET NO.

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 5/17/2021 7:16:29 AM  
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

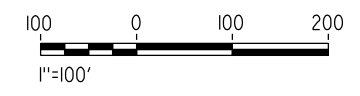
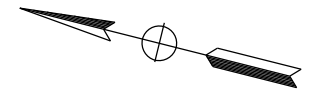
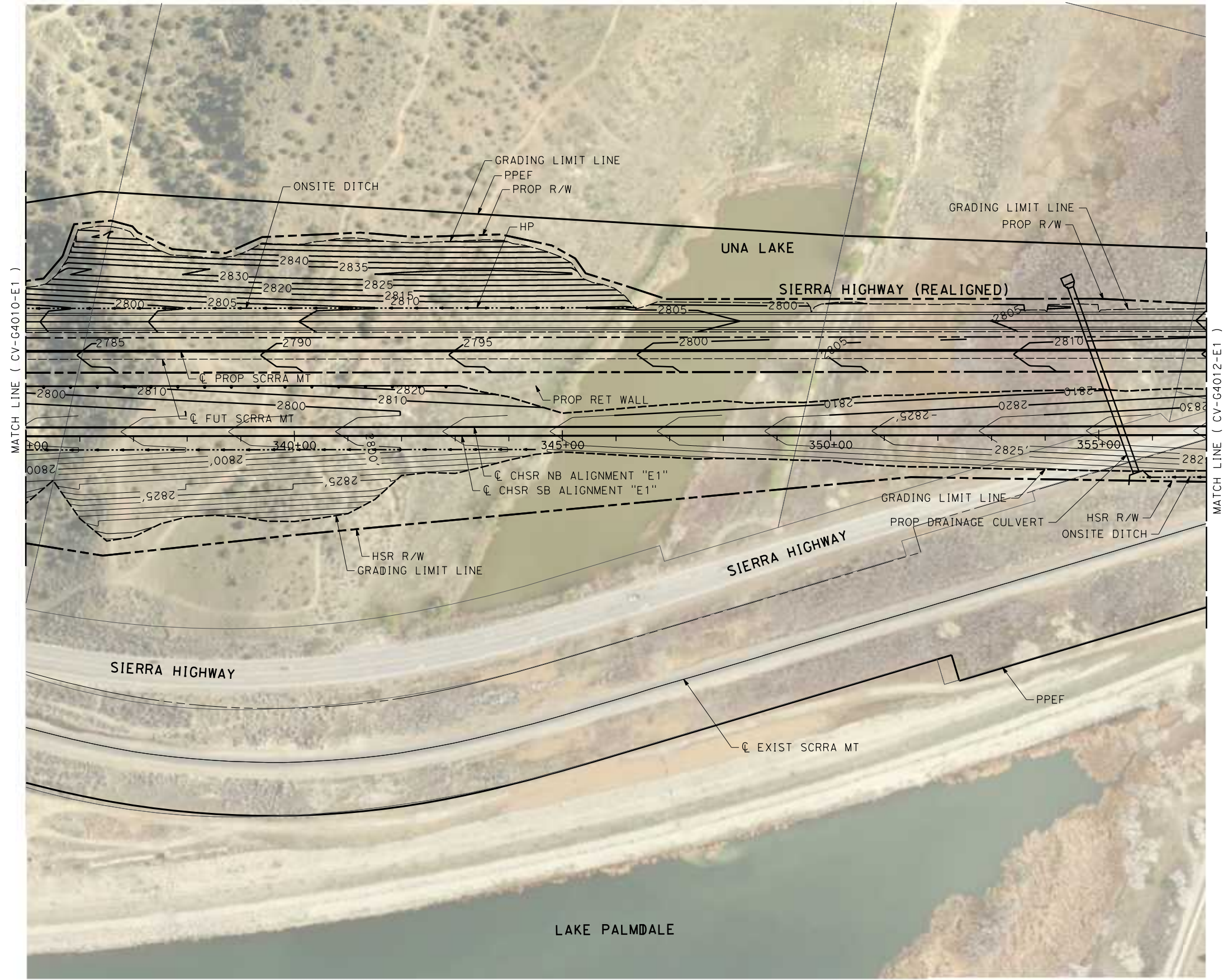
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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 DRAWING NO.  
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 SCALE  
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 SHEET NO.

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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

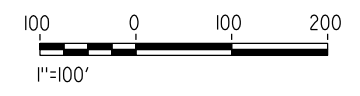
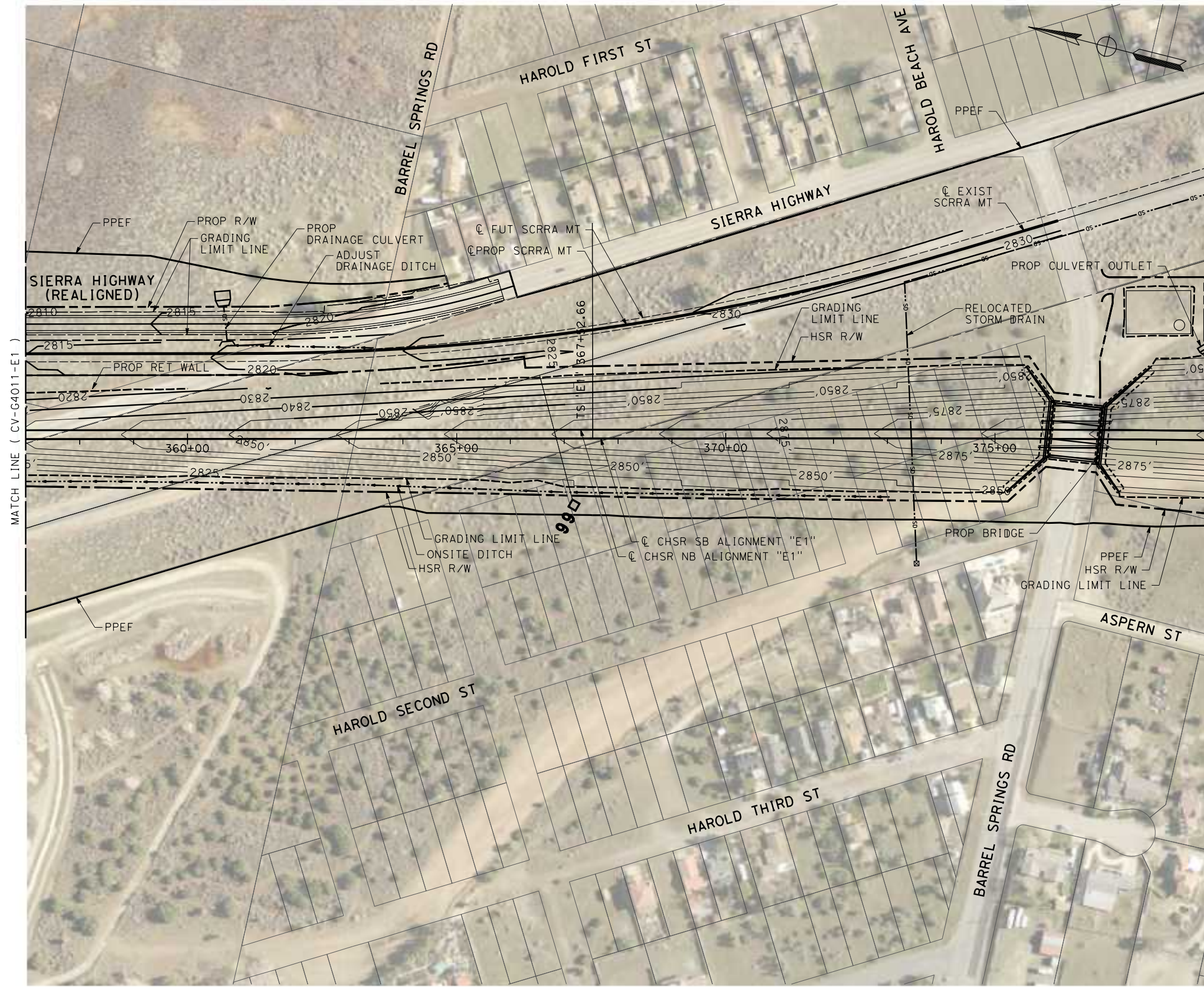
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**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4011-E1**  
 SCALE  
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 5/17/2021 7:19:05 AM  
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



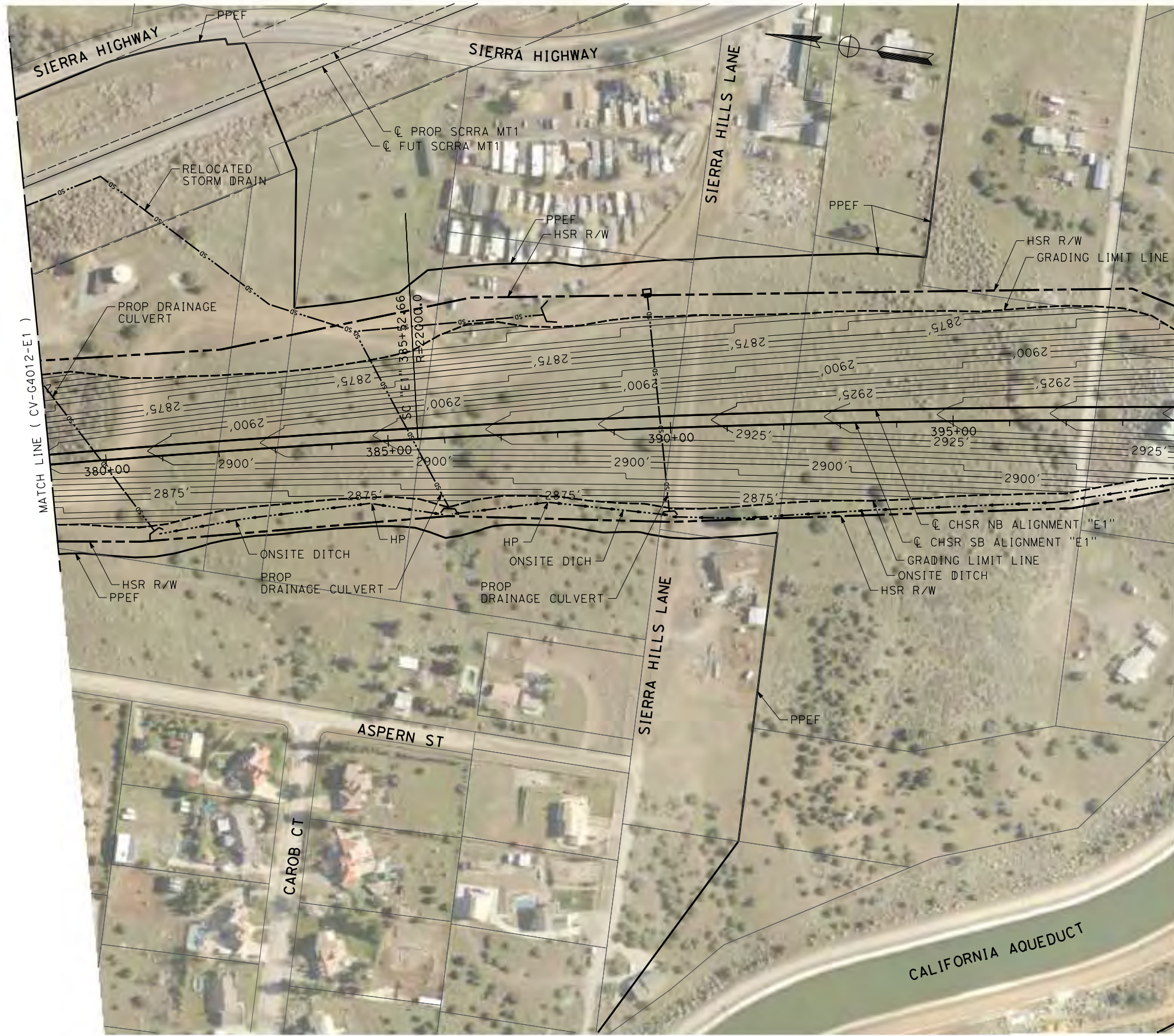
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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 DRAWING NO.  
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 SHEET NO.

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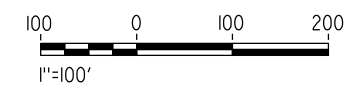
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0400074



MATCH LINE ( CV-G4012-E1 )

MATCH LINE ( CV-G4014-E1 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
REV 02  
**NOT FOR CONSTRUCTION**



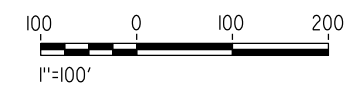
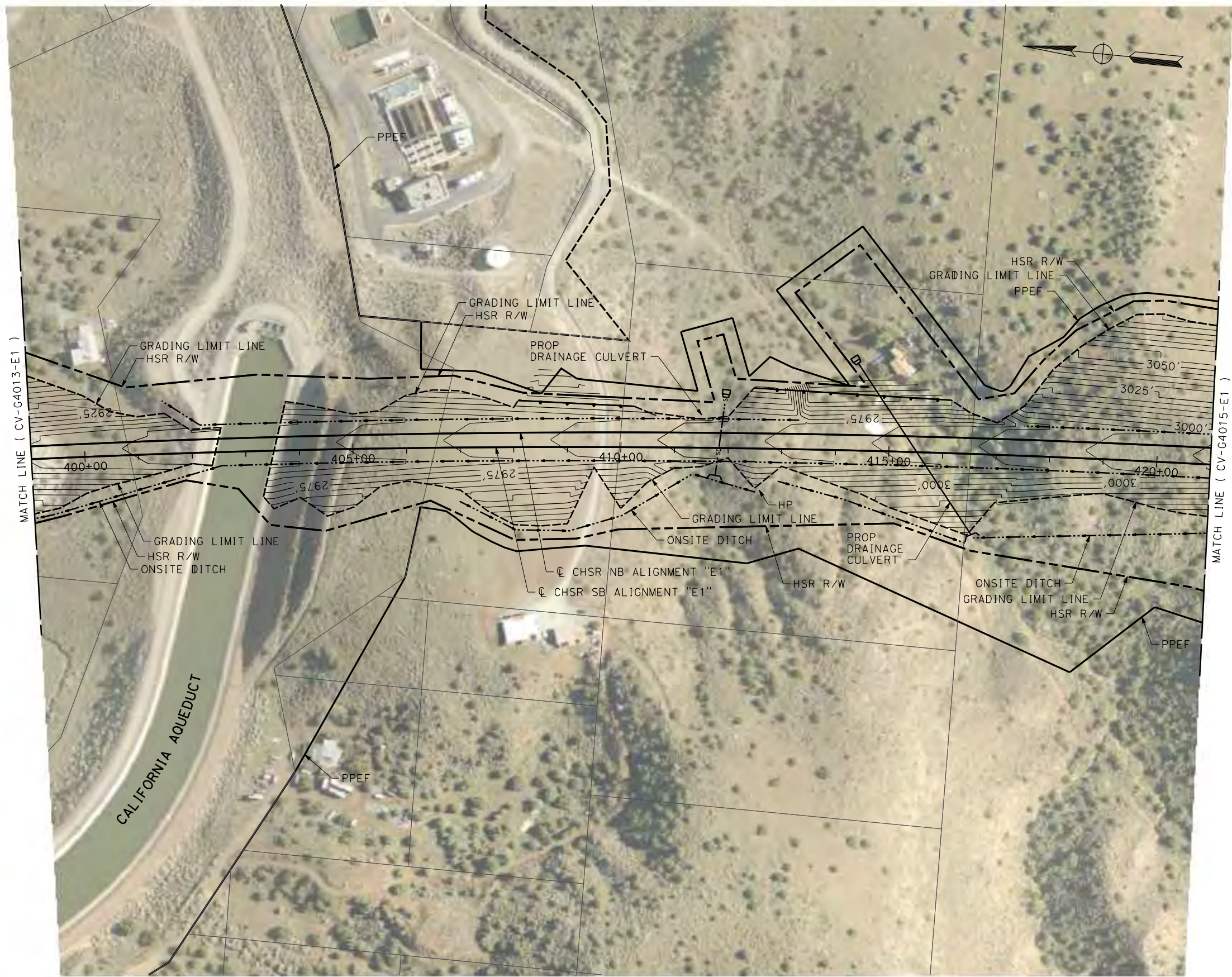
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
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SCALE  
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SHEET NO.

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4/20/2021 9:04:35 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
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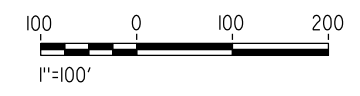
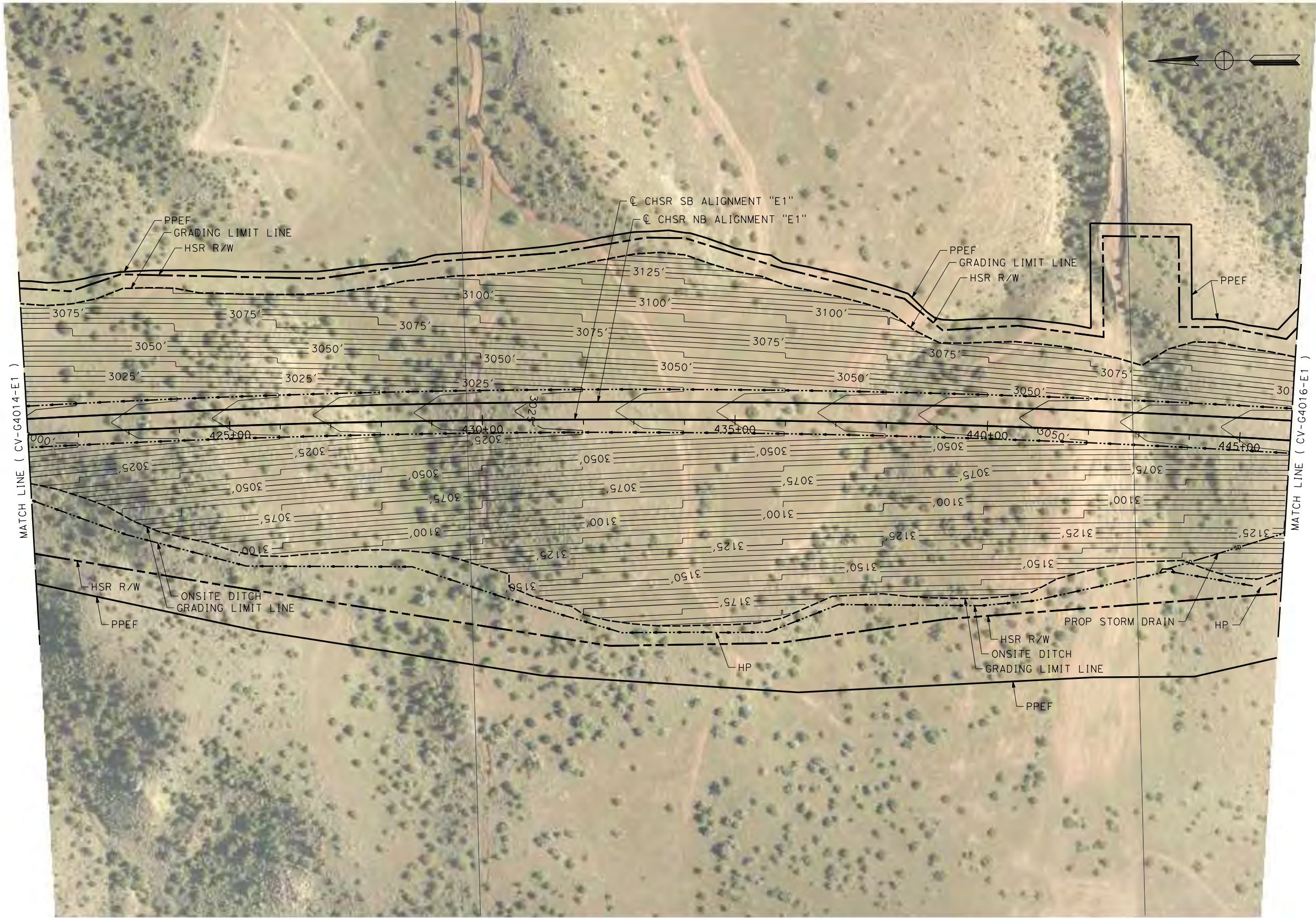
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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DRAWING NO.  
**CV-G4014-E1**  
SCALE  
**AS SHOWN**  
SHEET NO.

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4/20/2021 9:04:42 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



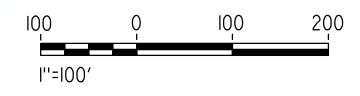
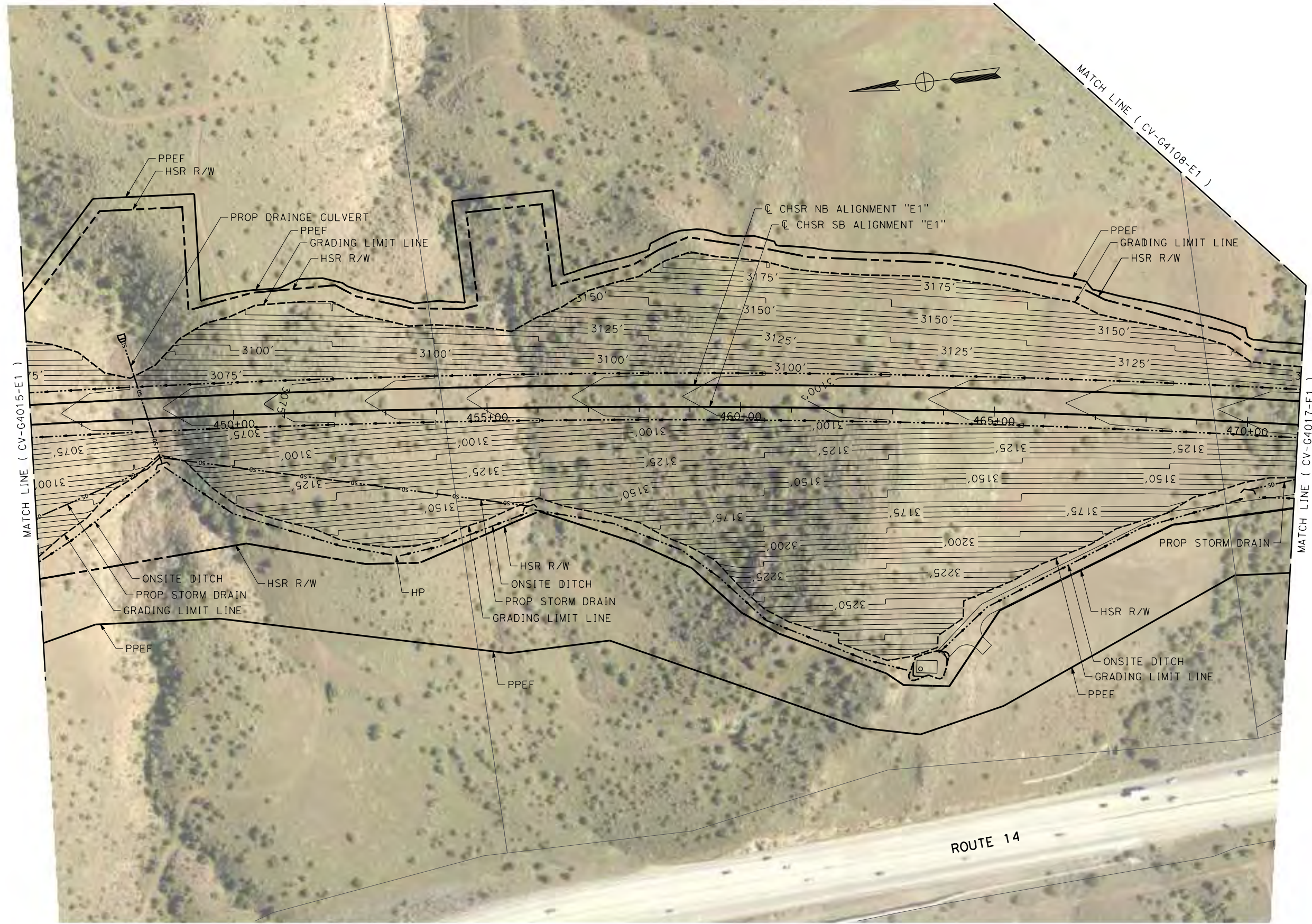
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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DRAWING NO.  
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4/20/2021 9:04:49 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

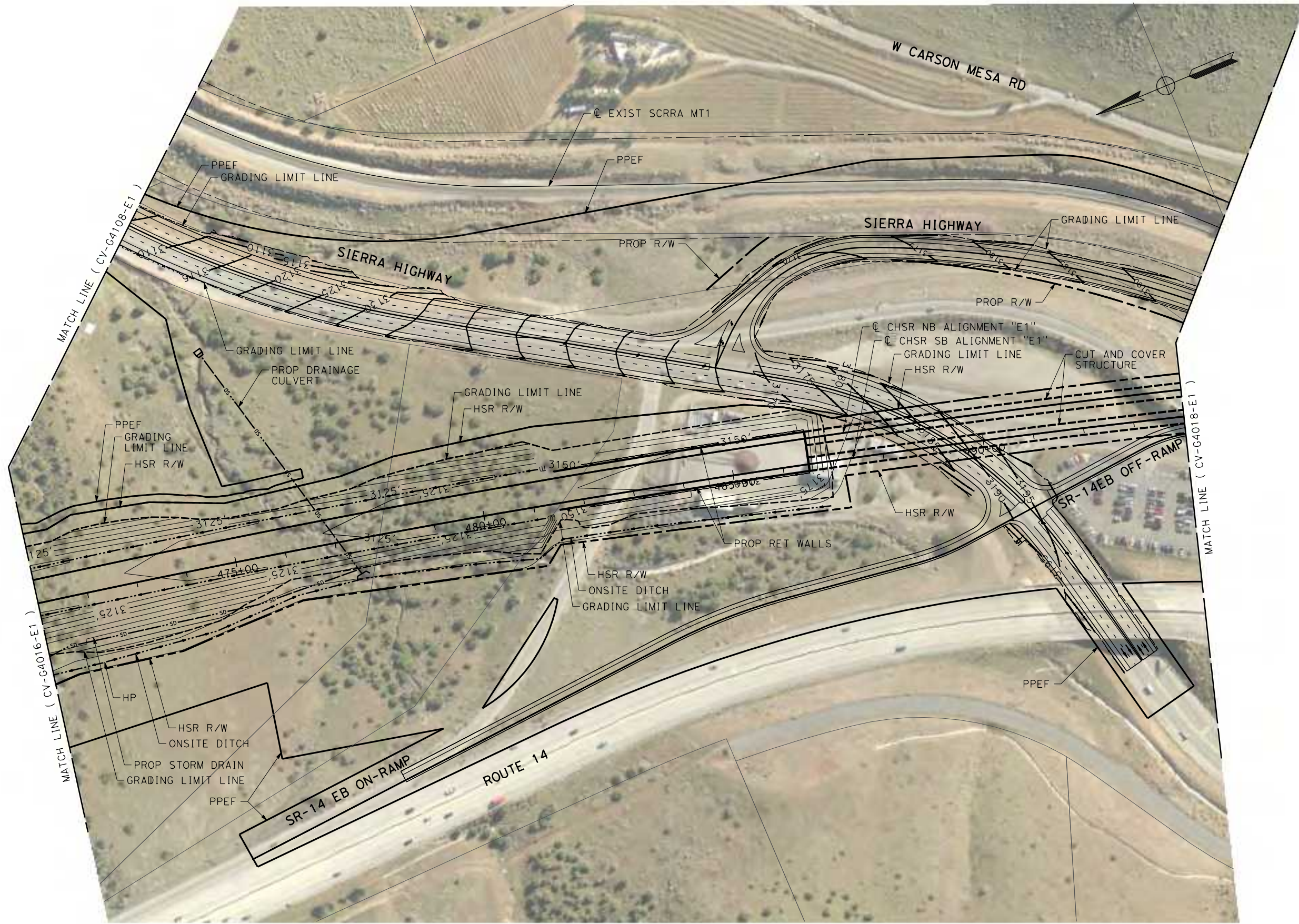
CONTRACT NO.  
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SHEET NO.



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4/22/2021 4:34:43 PM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

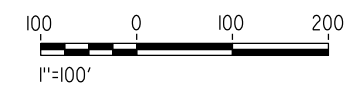
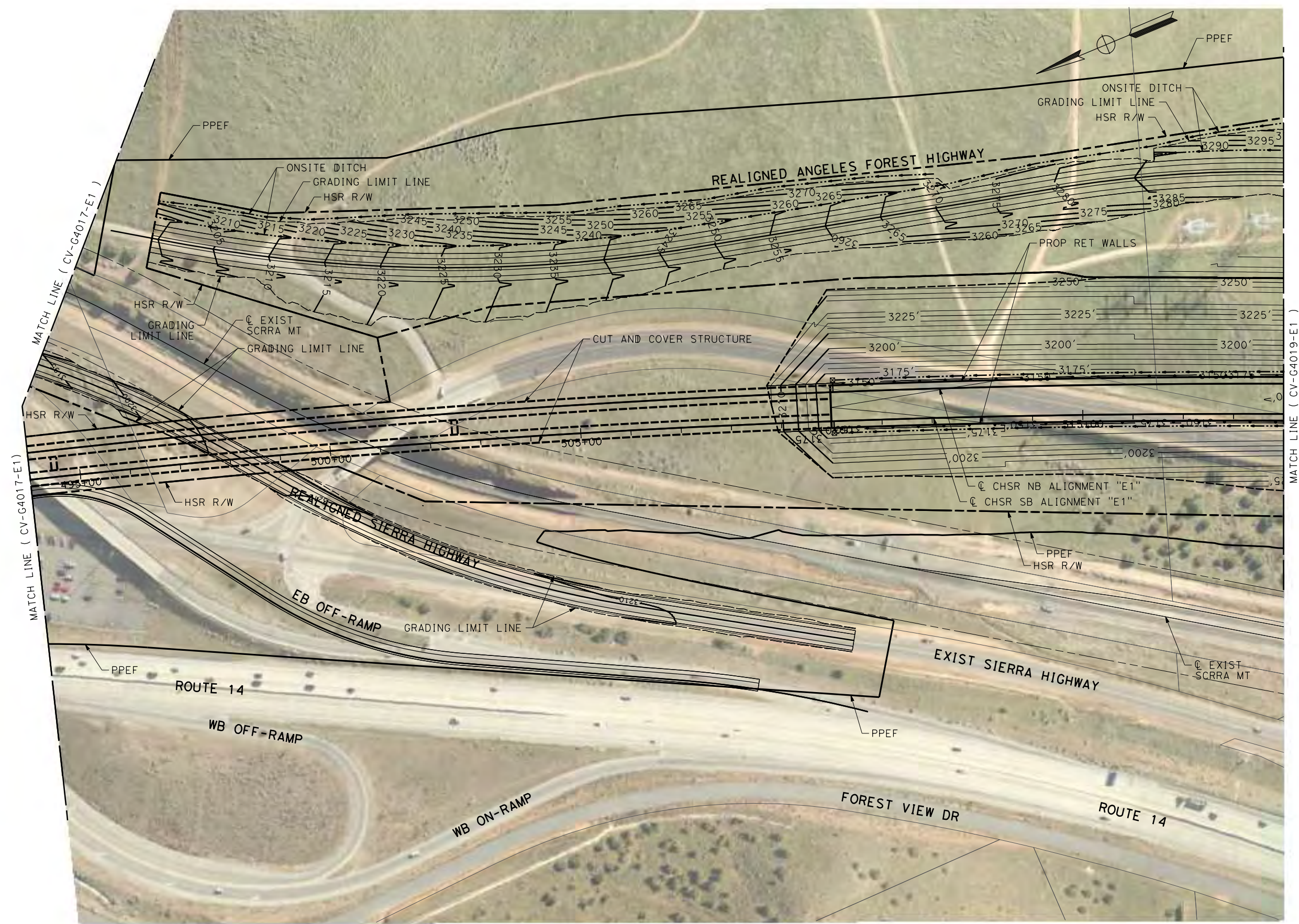
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**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4017-E1**  
SCALE  
**AS SHOWN**  
SHEET NO.

4/20/2021 9:05:02 AM c:\pwworking\chsr\vdms19528\pb-cv-g4018-e1.dgn



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

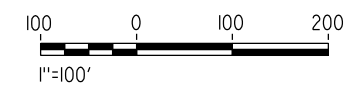
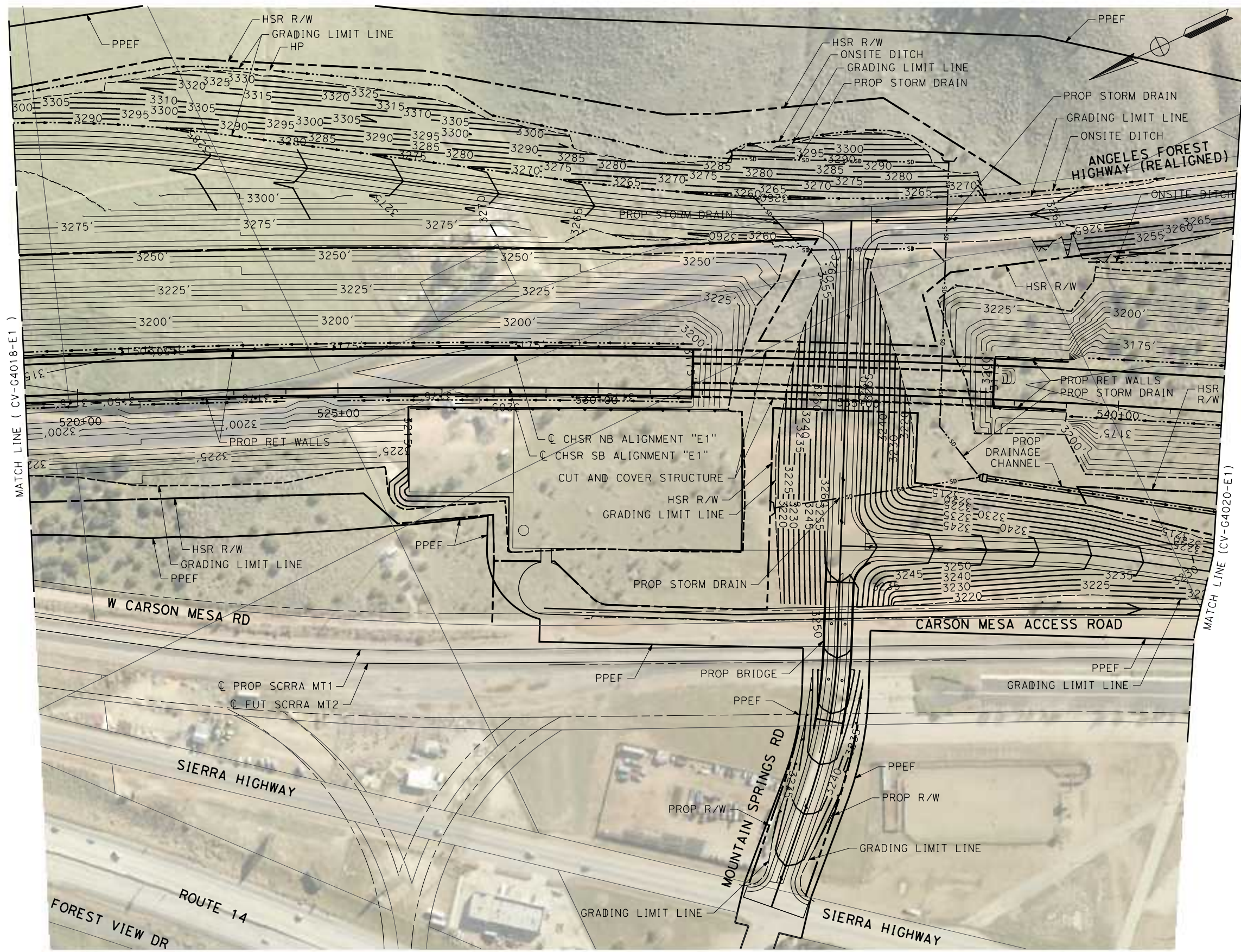
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**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4018-E1**  
SCALE  
**AS SHOWN**  
SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



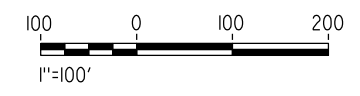
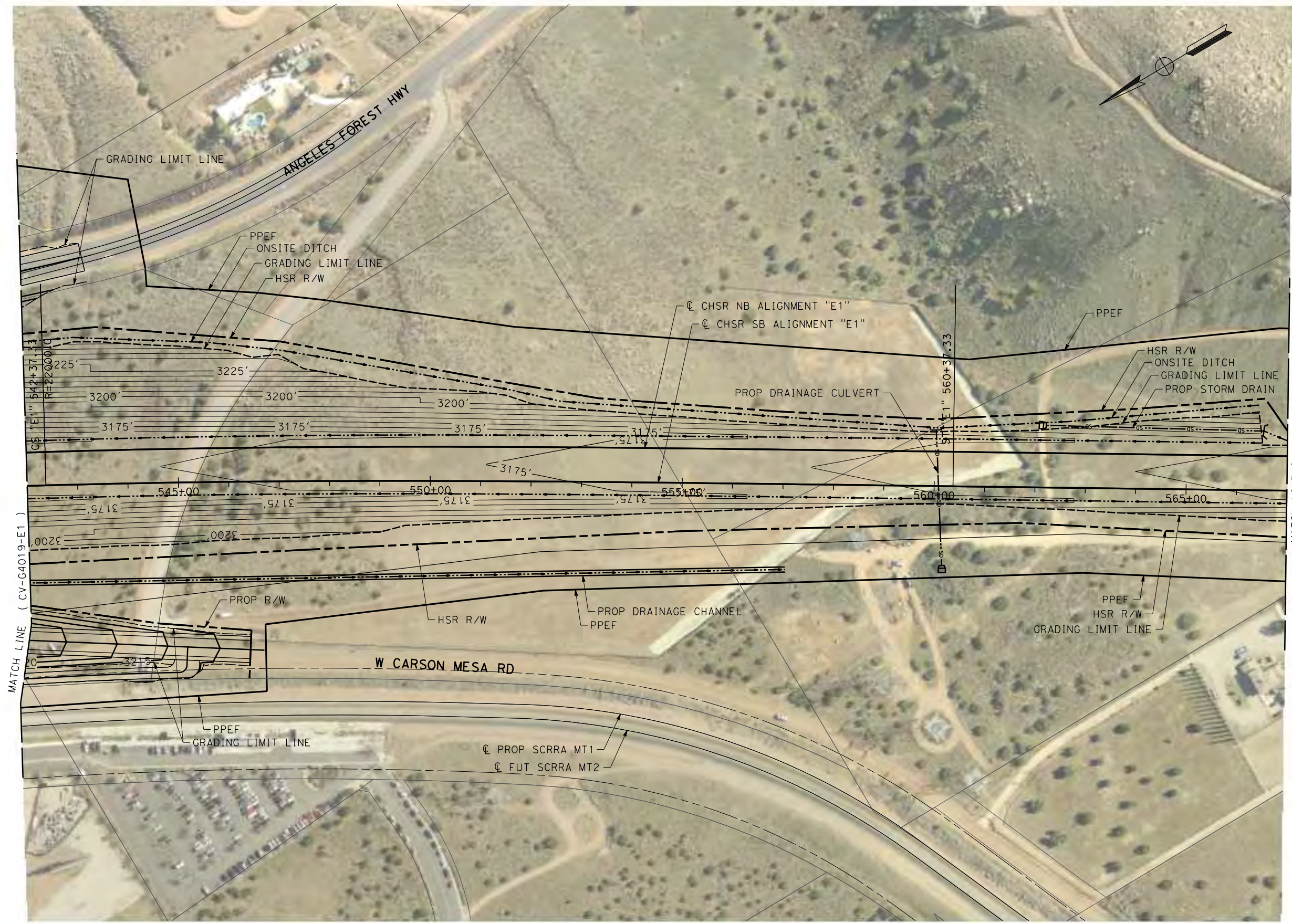
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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 DRAWING NO.  
**CV-G4019-E1**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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4/20/2021 9:05:16 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

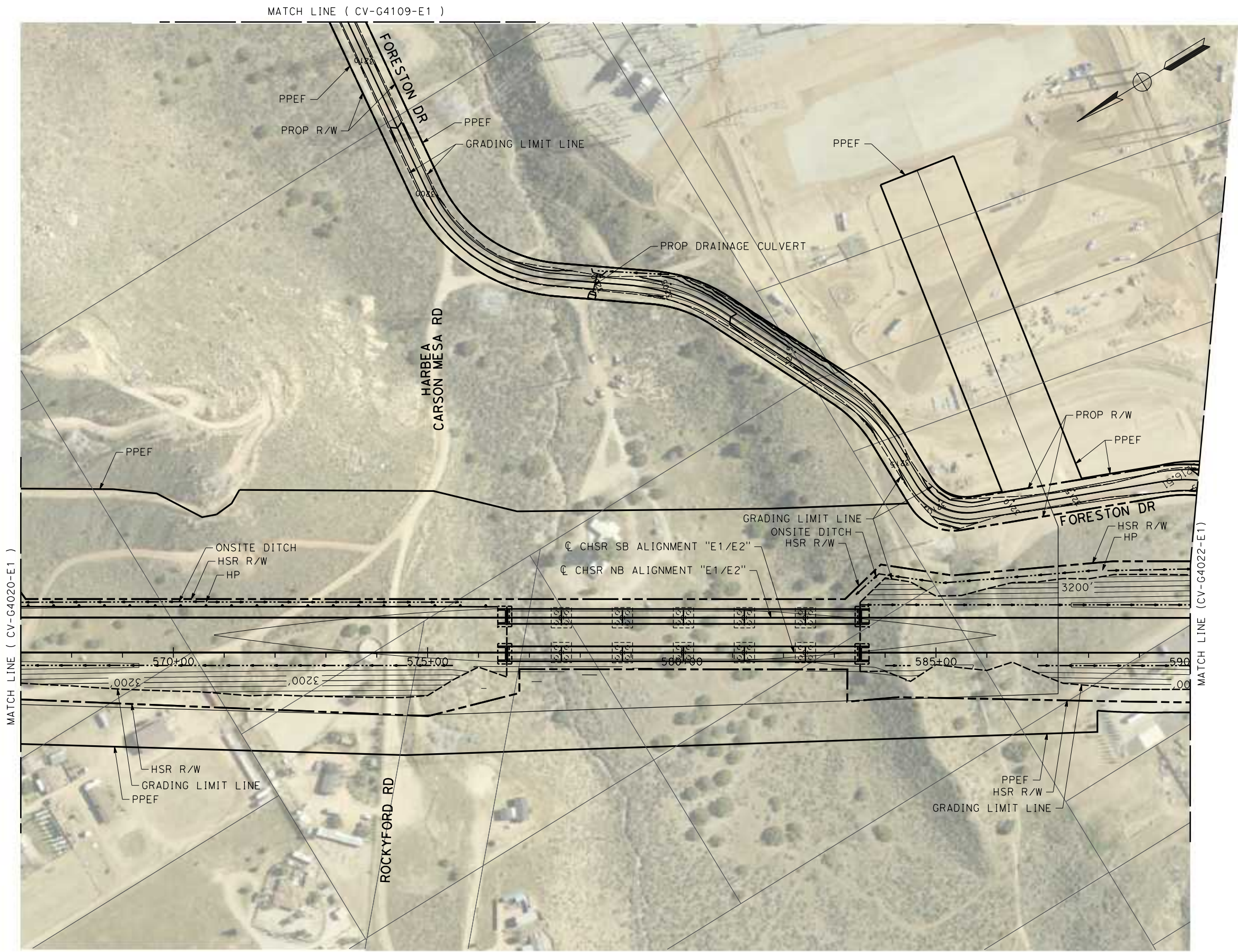
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**REV 02**  
  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4020-E1**  
SCALE  
**AS SHOWN**  
SHEET NO.

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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

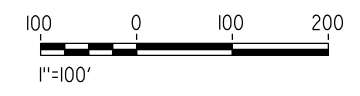
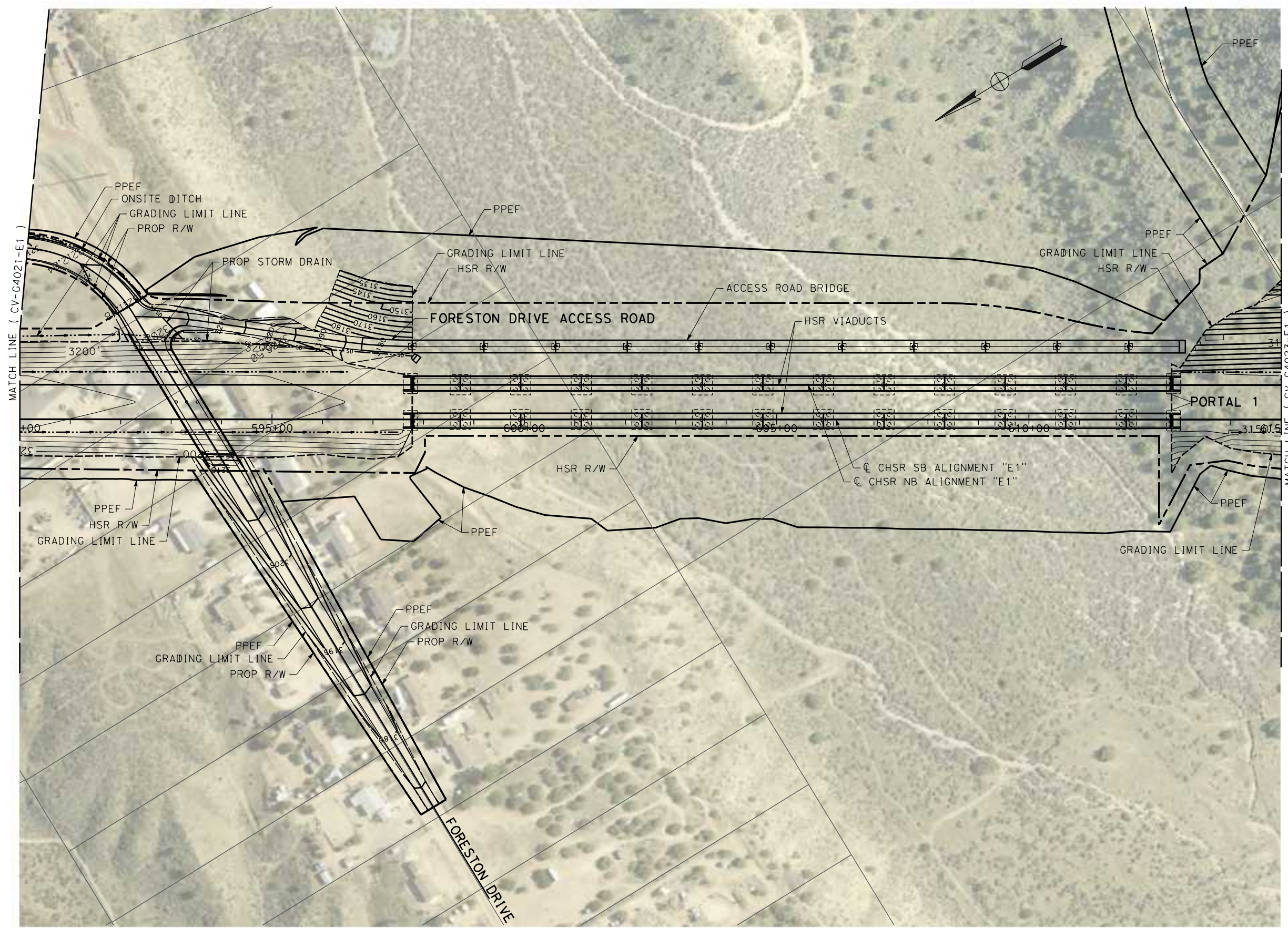
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**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4021-E1**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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 DRAWING NO.  
**CV-G4022-E1**  
 SCALE  
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 SHEET NO.

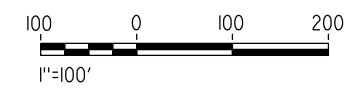
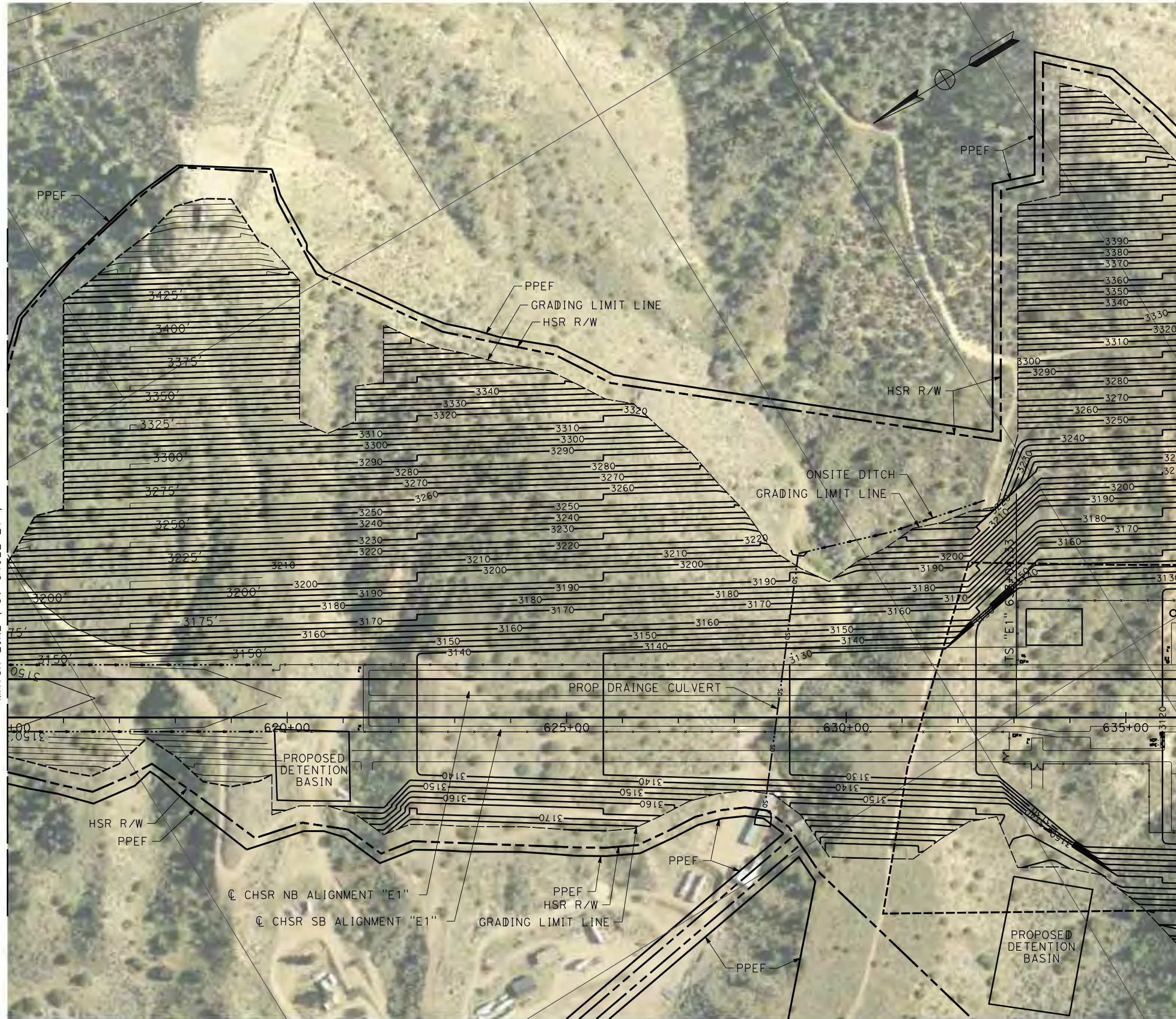
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4/20/2021 9:05:37 AM

0400074

MATCH LINE ( CV-G4022-E1 )

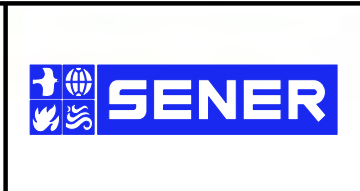
MATCH LINE ( CV-G4024-E1 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



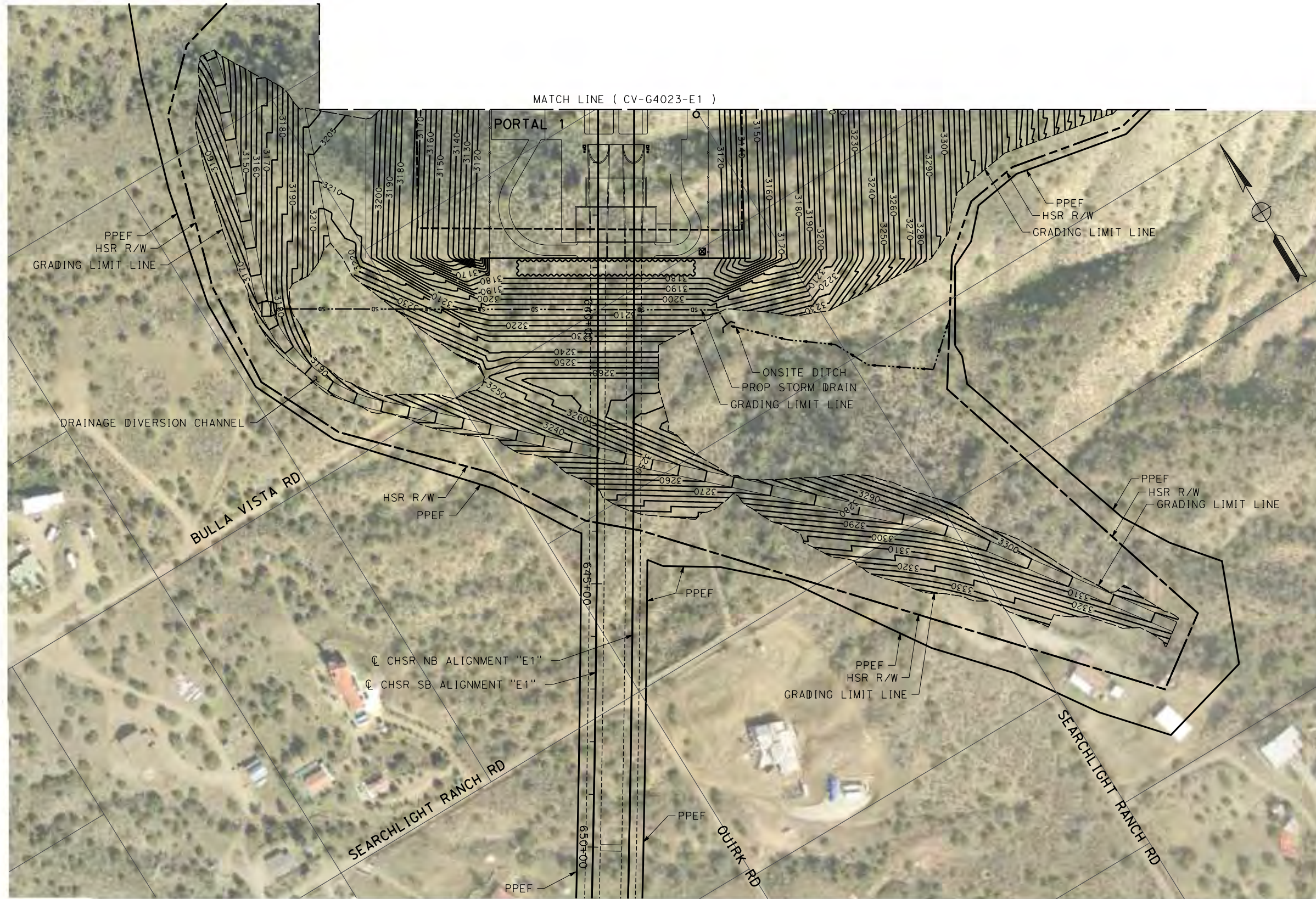
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4023-E1**  
SCALE  
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SHEET NO.

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4/20/2021 9:05:44 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET  
REV 02  
NOT FOR  
CONSTRUCTION**

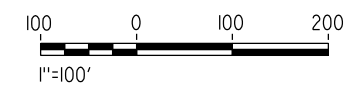
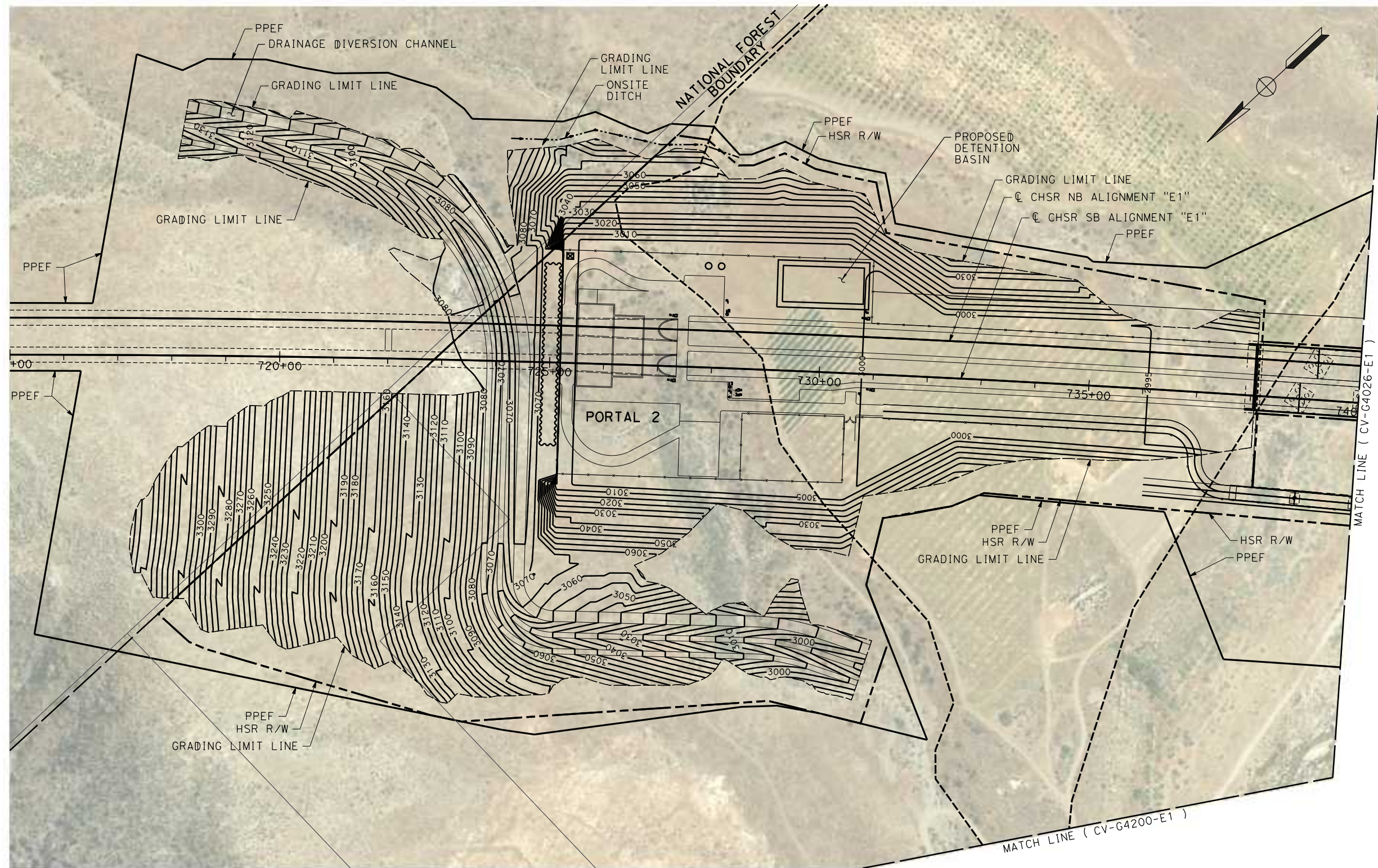


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK  
ALIGNMENT "E1"  
GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4024-E1**  
SCALE  
**AS SHOWN**  
SHEET NO.



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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



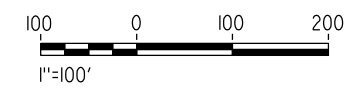
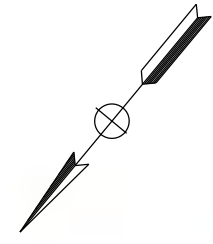
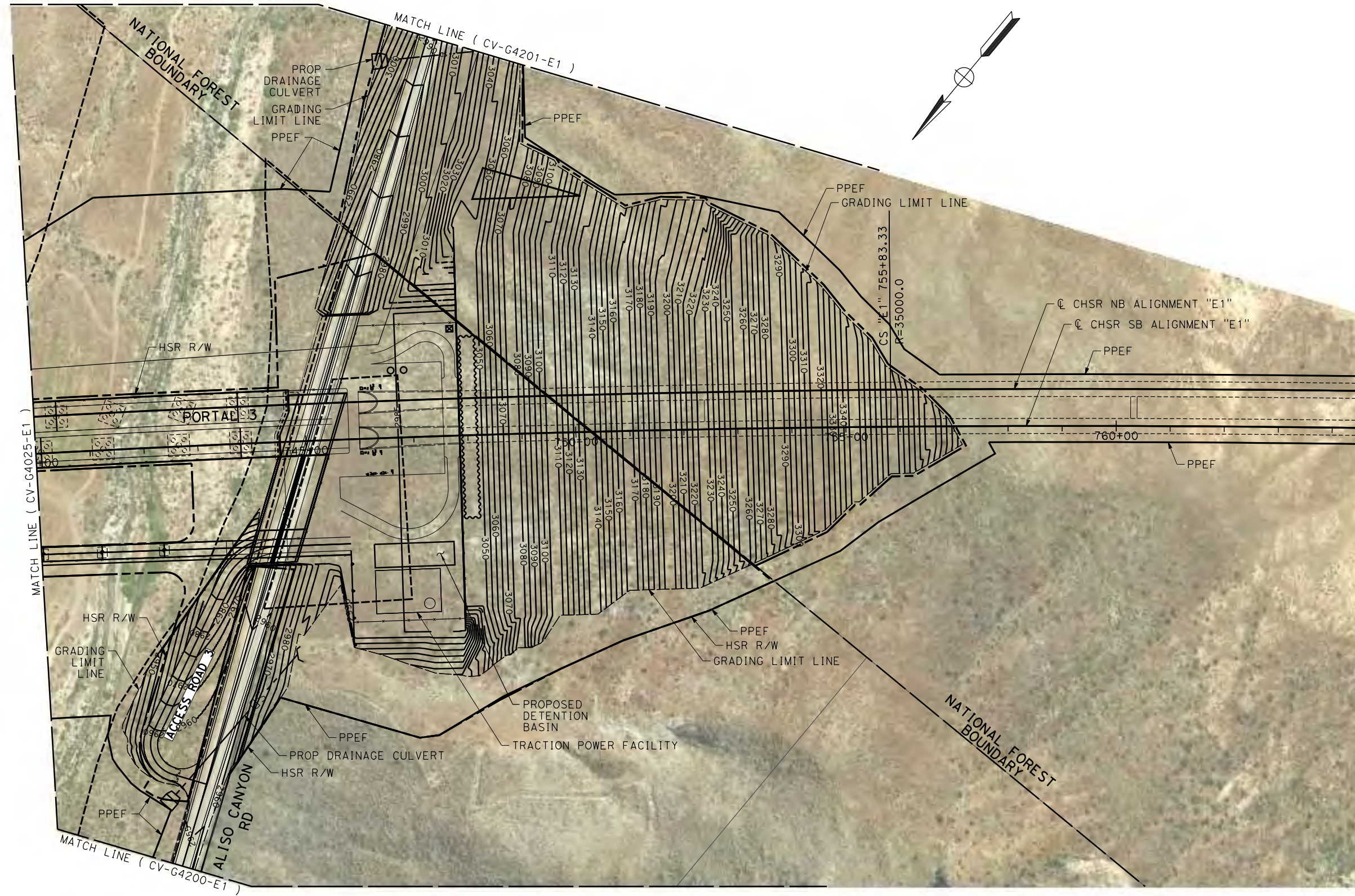
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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 DRAWING NO.  
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 SCALE  
**AS SHOWN**  
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4/20/2021 9:05:58 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

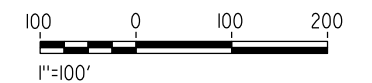
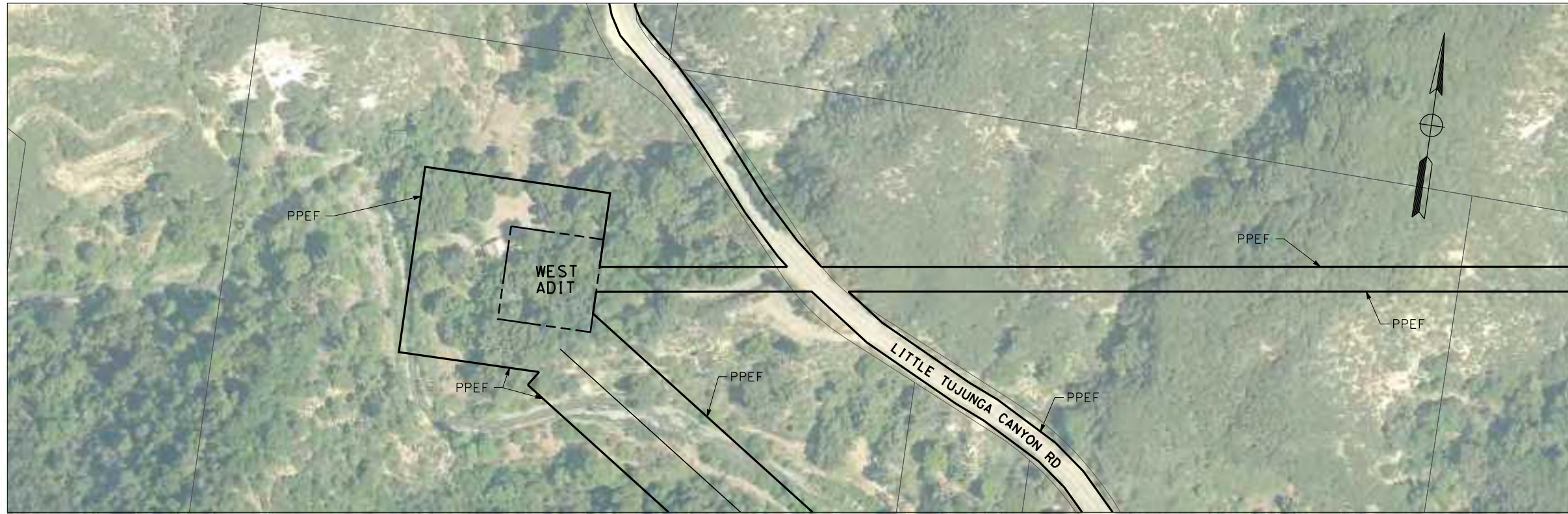
DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
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SCALE  
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SHEET NO.



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4/22/2021 4:34:57 PM

0400074

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
**GRADING AND DRAINAGE PLAN**

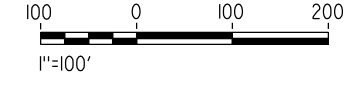
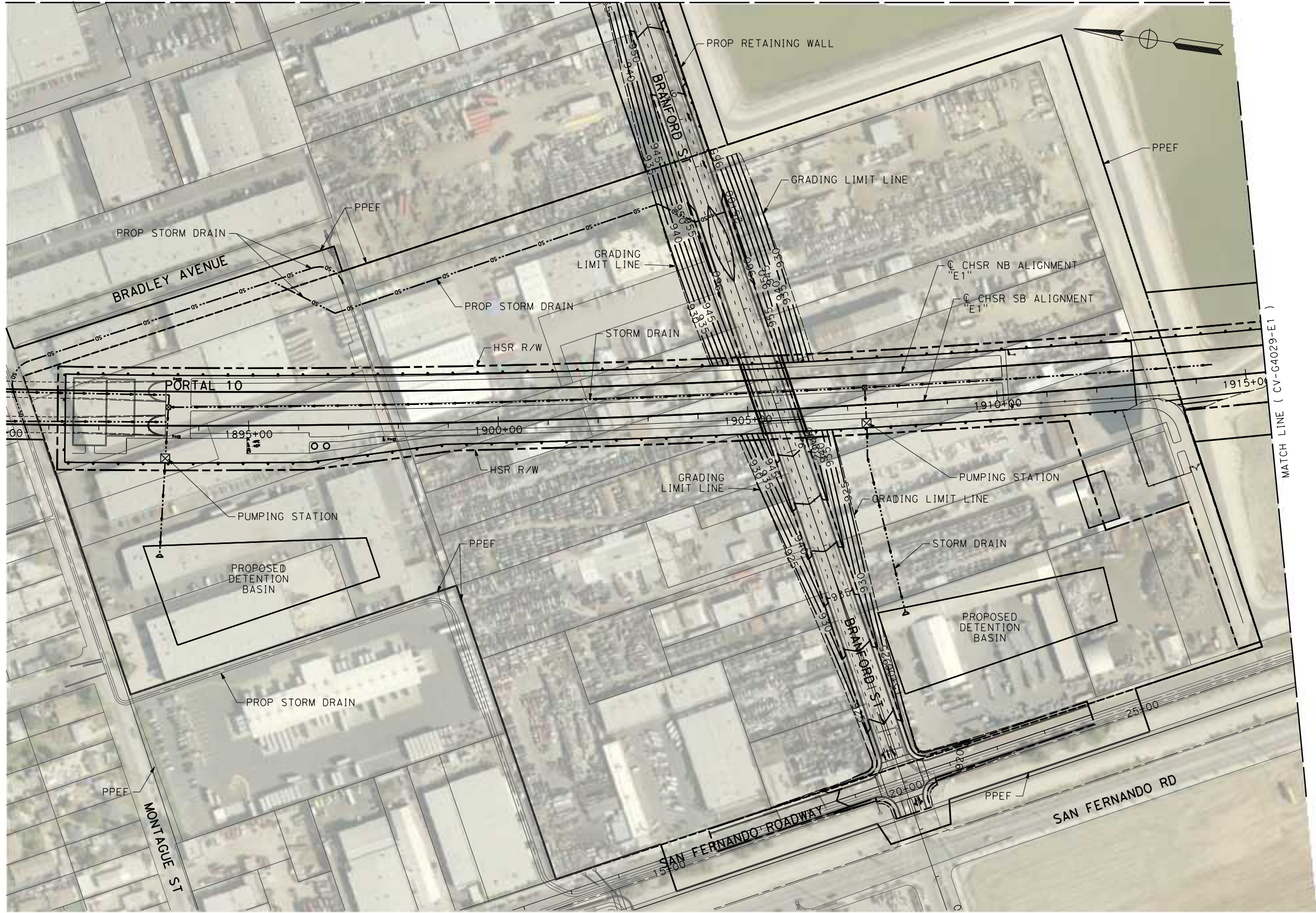
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DRAWING NO.  
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SCALE  
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SHEET NO.

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0400073

MATCH LINE ( CV-G4110-E1 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

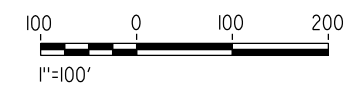
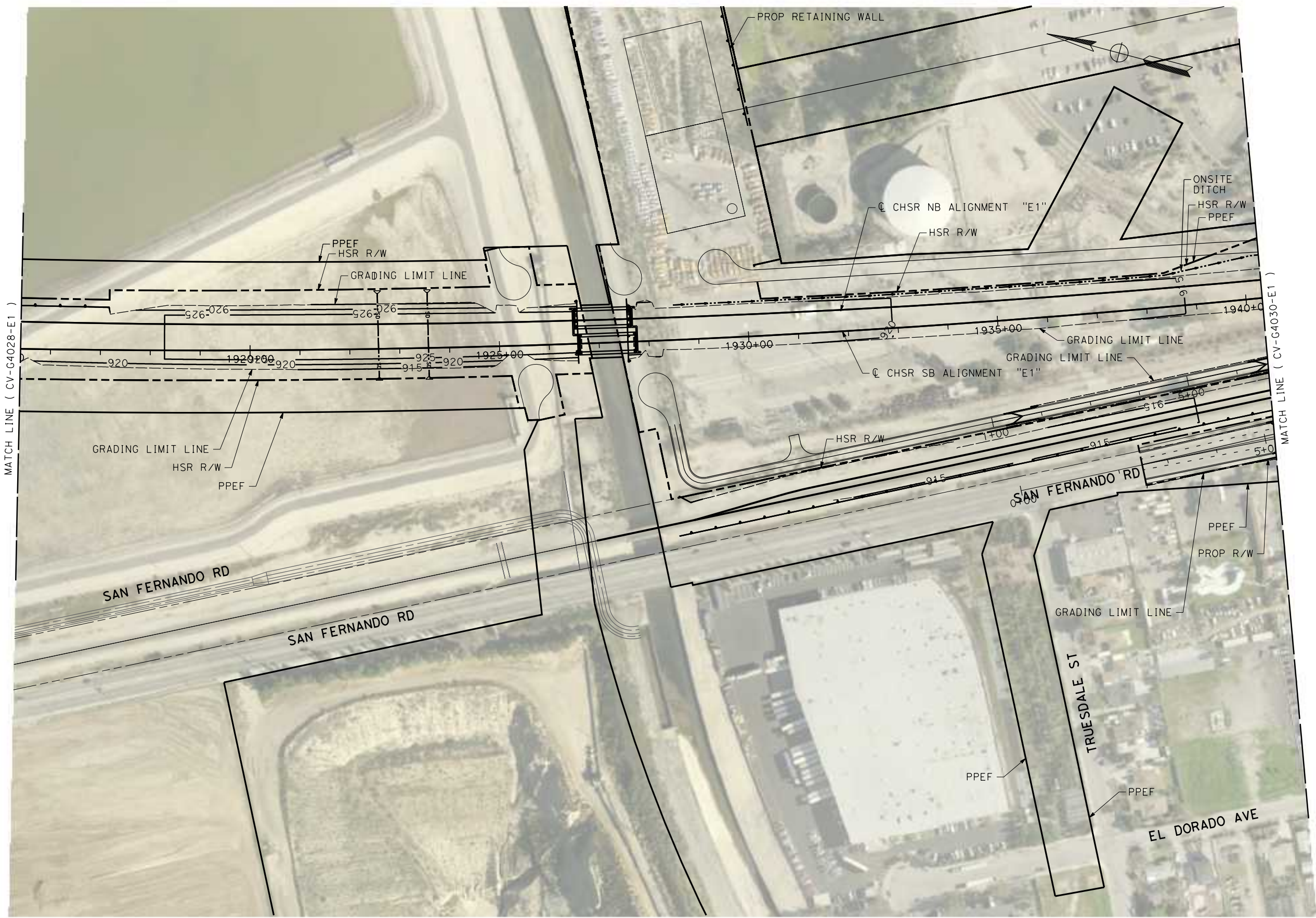
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REV 02**  
  
**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK  
ALIGNMENT "E1"**  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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DRAWING NO.  
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SCALE  
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SHEET NO.

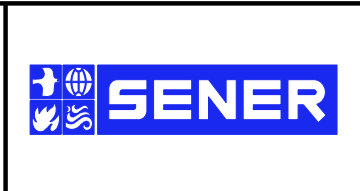
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

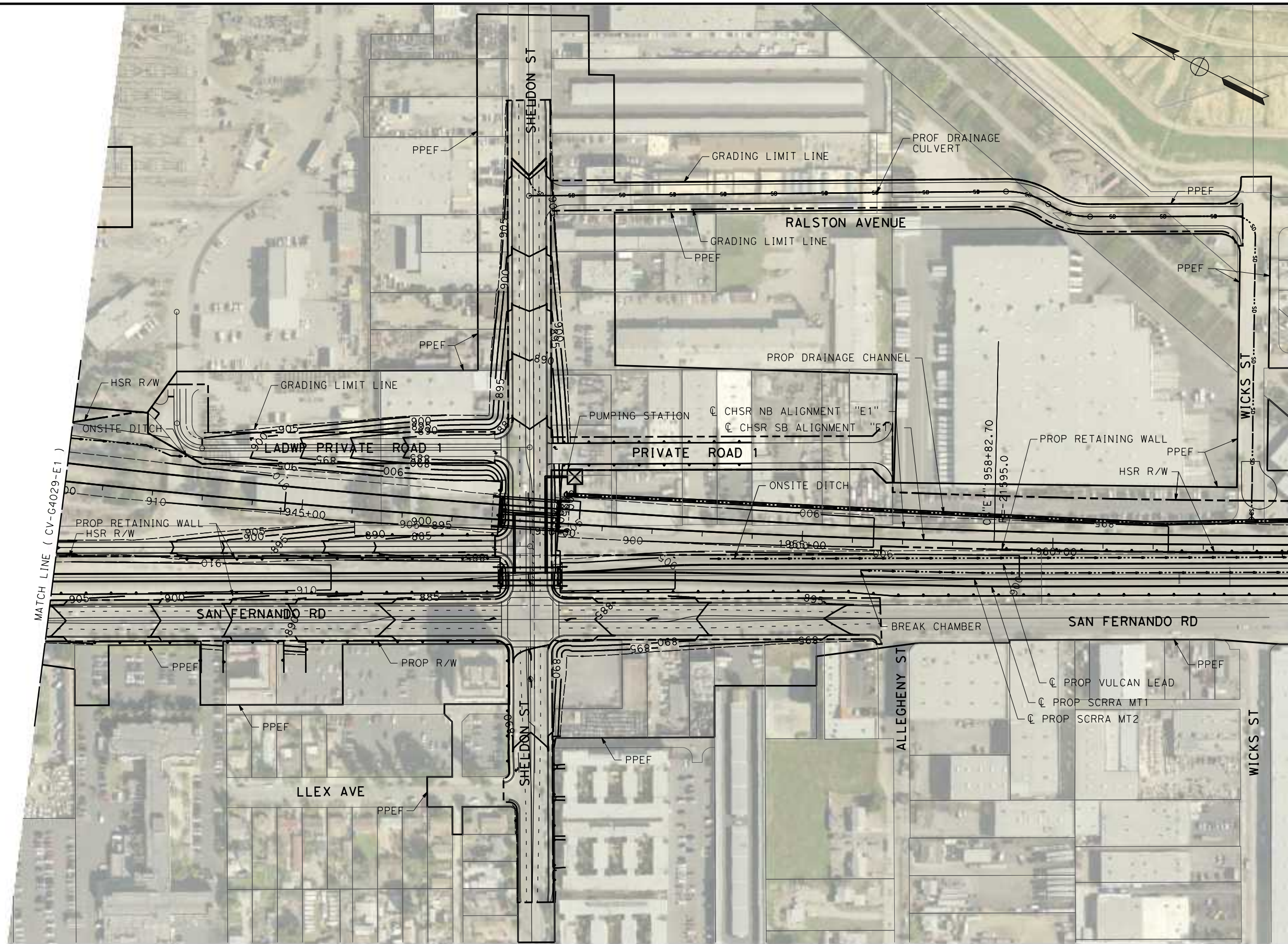
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**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
**GRADING AND DRAINAGE PLAN**

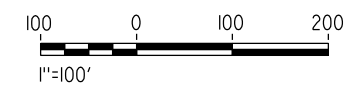
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 SCALE  
**AS SHOWN**  
 SHEET NO.

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MATCH LINE ( CV-G4031-E1 )

MATCH LINE ( CV-G4029-E1 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

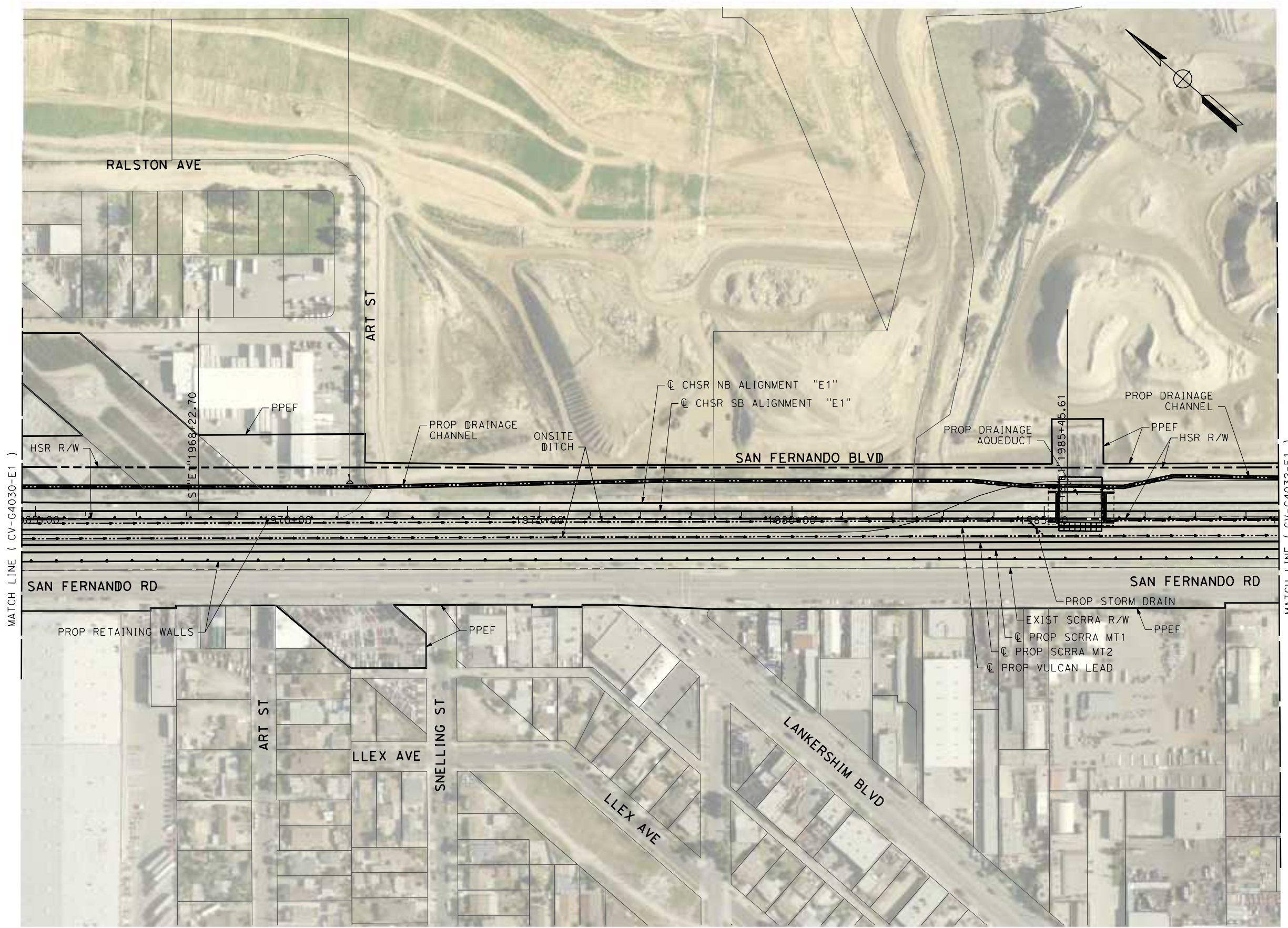
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**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
 GRADING AND DRAINAGE PLAN

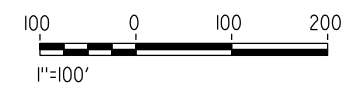
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**CV-G4030-E1**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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 0400073



MATCH LINE ( CV-G4030-E1 )

MATCH LINE ( CV-G4032-E1 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

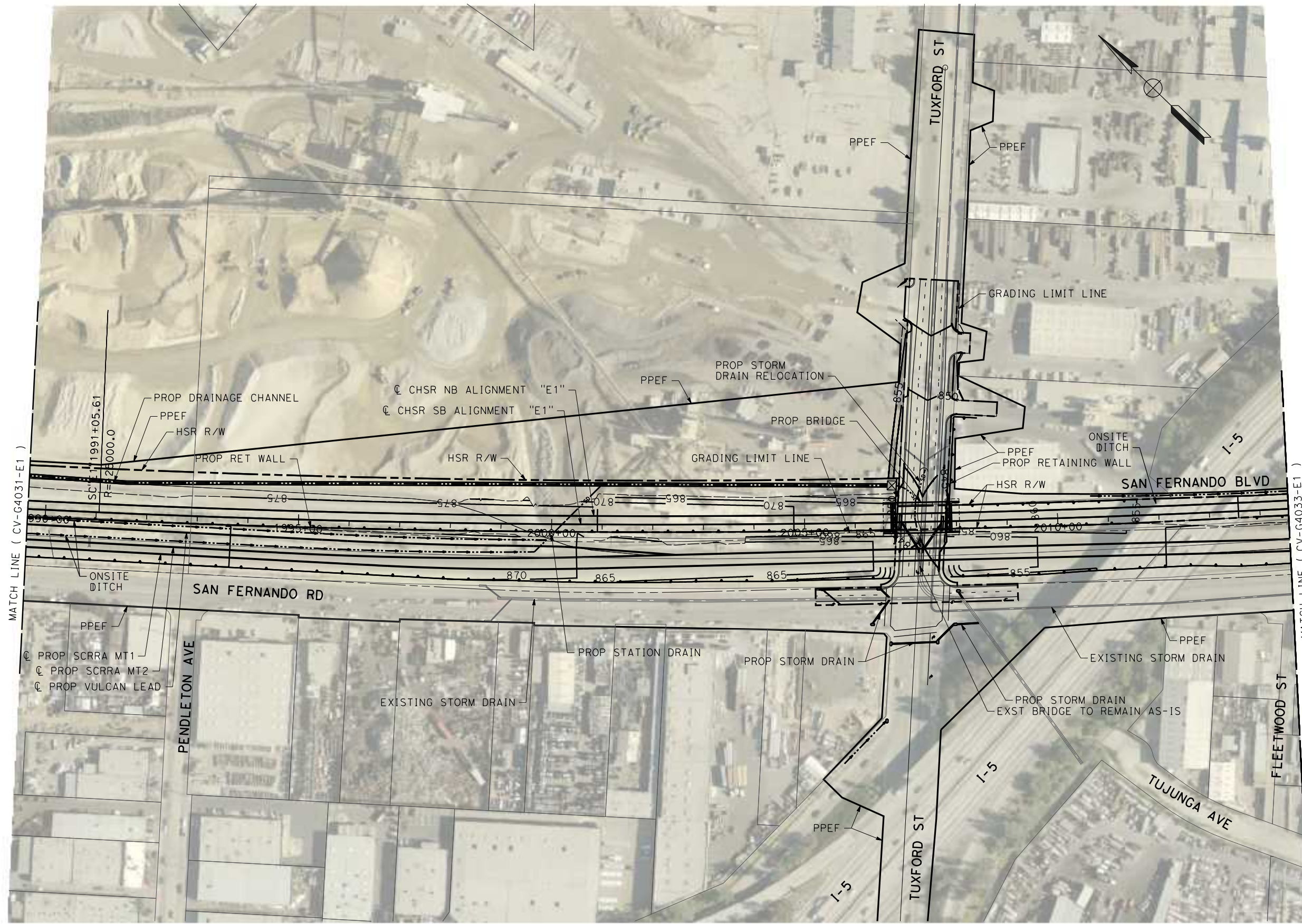
**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4031-E1**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
 GRADING AND DRAINAGE PLAN

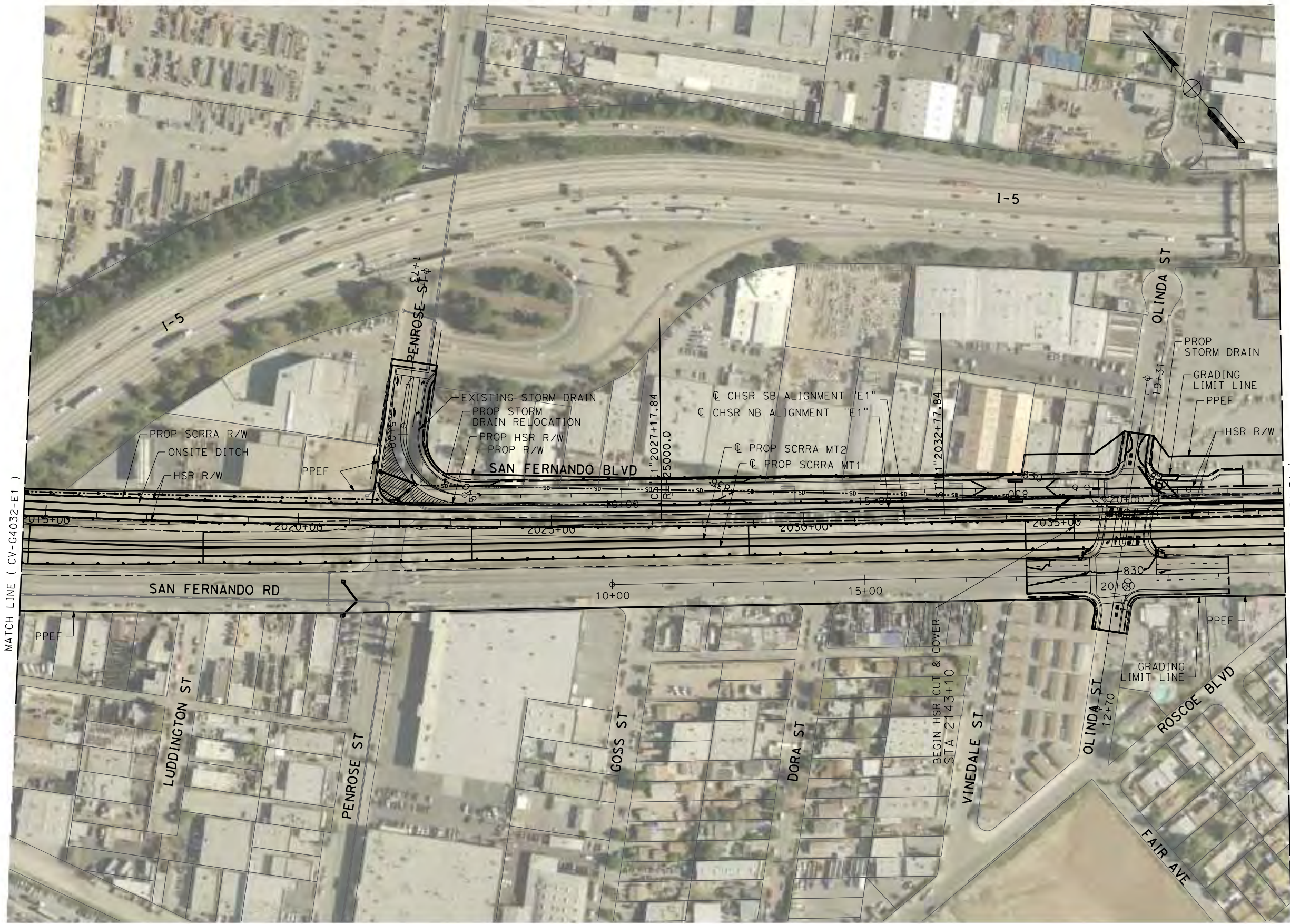
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 SHEET NO.



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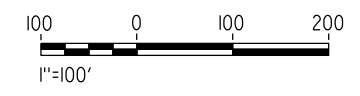
4/20/2021 9:06:52 AM

0400074



MATCH LINE ( CV-G4032-E1 )

MATCH LINE ( CV-G4034-E1 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
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**AS SHOWN**  
SHEET NO.

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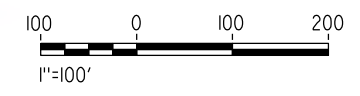
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MATCH LINE ( CV-G4033-E1 )

MATCH LINE ( CV-G4035-E1 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4034-E1**  
SCALE  
**AS SHOWN**  
SHEET NO.

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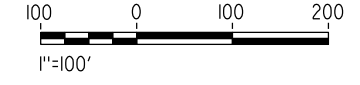
4/20/2021 9:07:07 AM

0400074



MATCH LINE ( CV-G4034-E1 )

MATCH LINE ( CV-G4036-E1 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



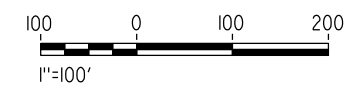
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4035-E1**  
SCALE  
**AS SHOWN**  
SHEET NO.

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4/22/2021 4:35:05 PM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



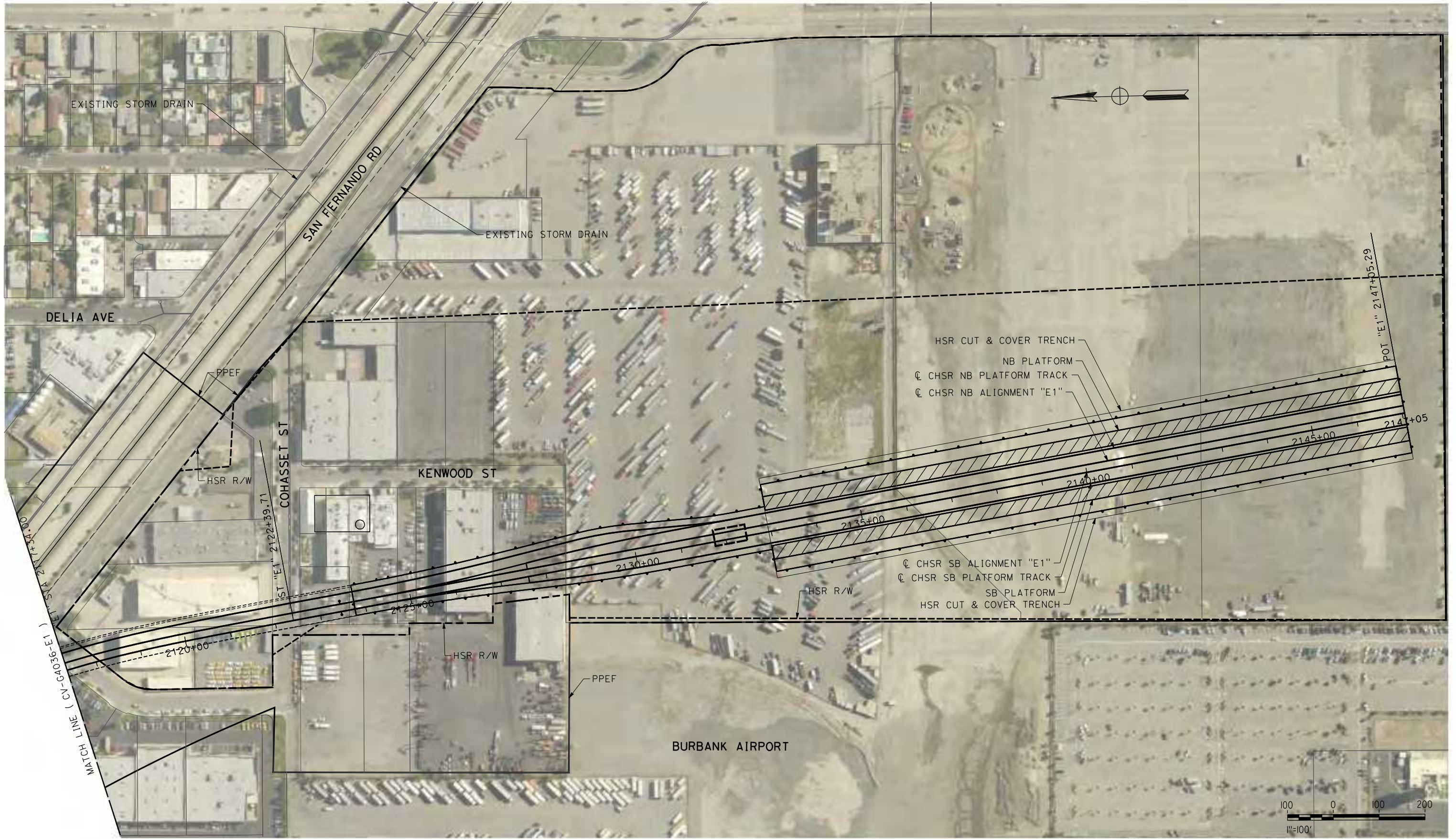
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**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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DRAWING NO.  
**CV-G4036-E1**  
SCALE  
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SHEET NO.

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4/22/2021 5:02:30 PM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
GRADING AND DRAINAGE PLAN

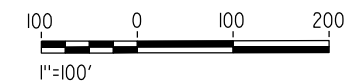
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DRAWING NO.  
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SCALE  
**AS SHOWN**  
SHEET NO.

MATCH LINE (CV-4010-E1 )

MATCH LINE (CV-4009-E1)



LAKE PALMDALE



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4/20/2021 9:07:28 AM

0400074

REV	DATE	BY	CHK	APP	DESCRIPTION

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**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR**  
**CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4105-E1**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY  
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CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

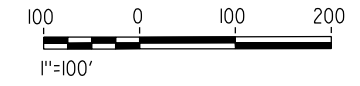
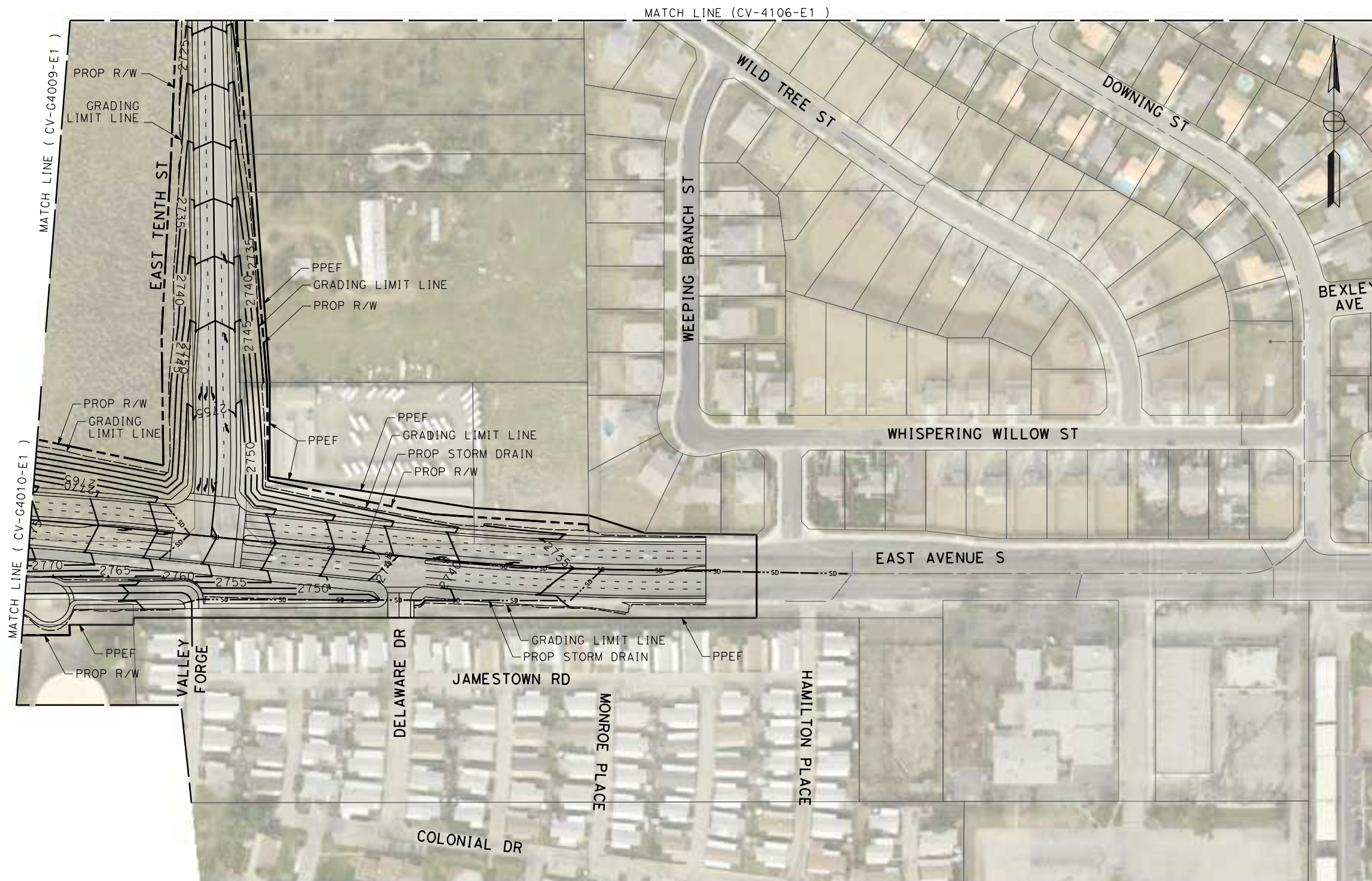
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**

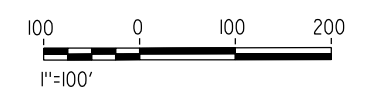
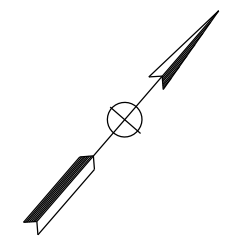


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4107-E1**  
 SCALE  
**AS SHOWN**  
 SHEET NO.



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET  
REV 02**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**

**ALIGNMENT "E1"**

**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**

DRAWING NO.  
**CV-G4108-E1**

SCALE  
**AS SHOWN**

SHEET NO.



MATCH LINE ( CV-G4021-E1 )



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4/20/2021 9:07:54 AM

0400074

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR**  
**CONSTRUCTION**



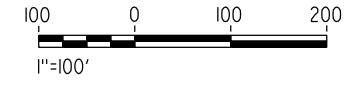
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**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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DRAWING NO.  
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SCALE  
**AS SHOWN**  
SHEET NO.

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5/17/2021 11:06:55 AM

0400073



MATCH LINE ( CV-G4028-E1 )

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET  
REV 02  
NOT FOR  
CONSTRUCTION**



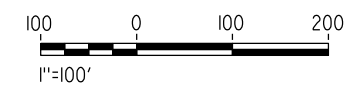
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PALMDALE TO BURBANK  
ALIGNMENT "E1"  
GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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DRAWING NO.  
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SCALE  
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SHEET NO.

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4/20/2021 9:08:01 AM

0400074



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DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



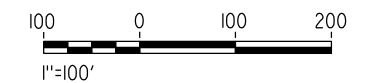
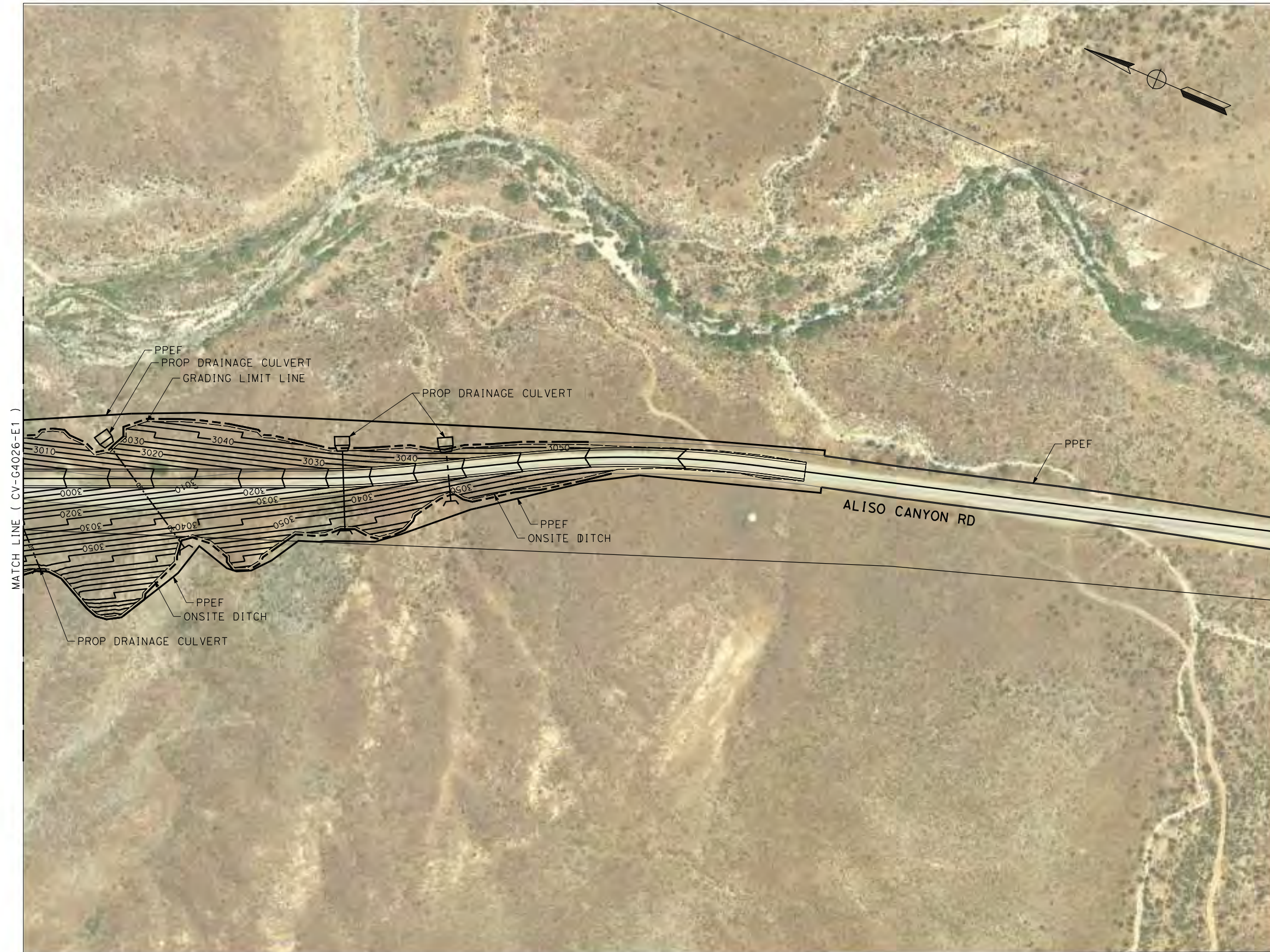
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**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
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SCALE  
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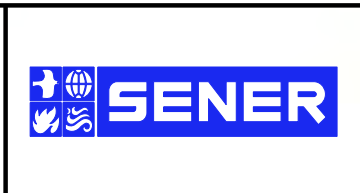
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

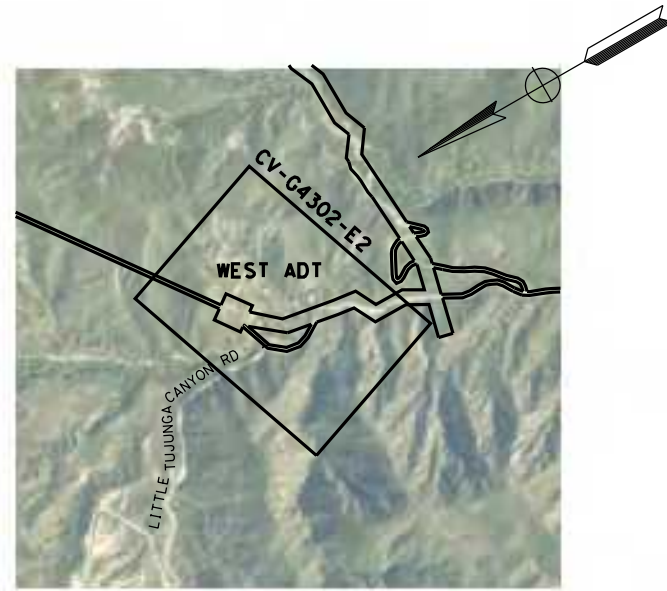
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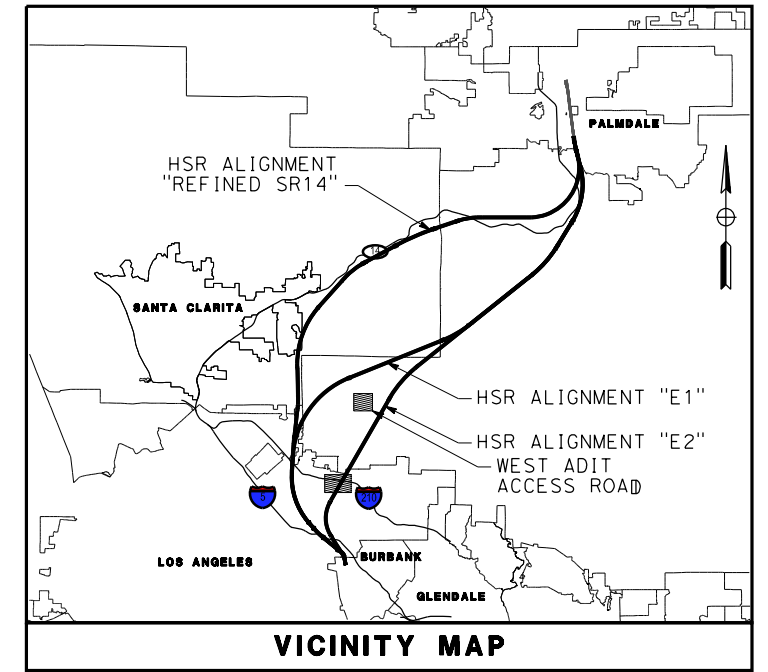
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**PALMDALE TO BURBANK**  
ALIGNMENT "E1"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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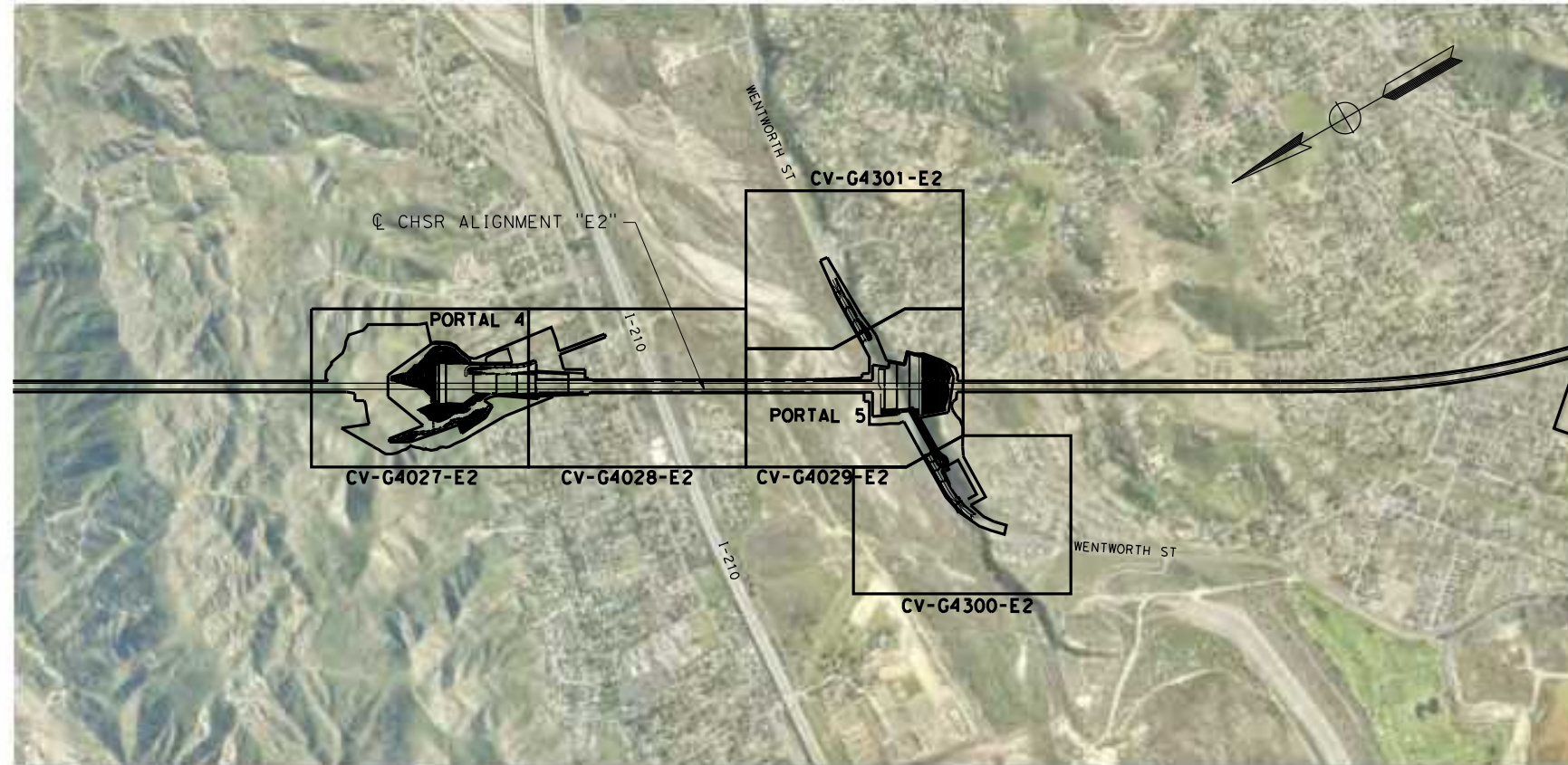




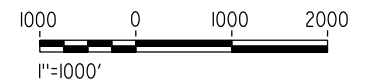
**E2**



**VICINITY MAP**



**E2**



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET  
REV02**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**

ALIGNMENT "E2"

GRADING AND DRAINAGE PLAN  
KEY MAP 2 OF 2

CONTRACT NO.  
**HSR14-42**

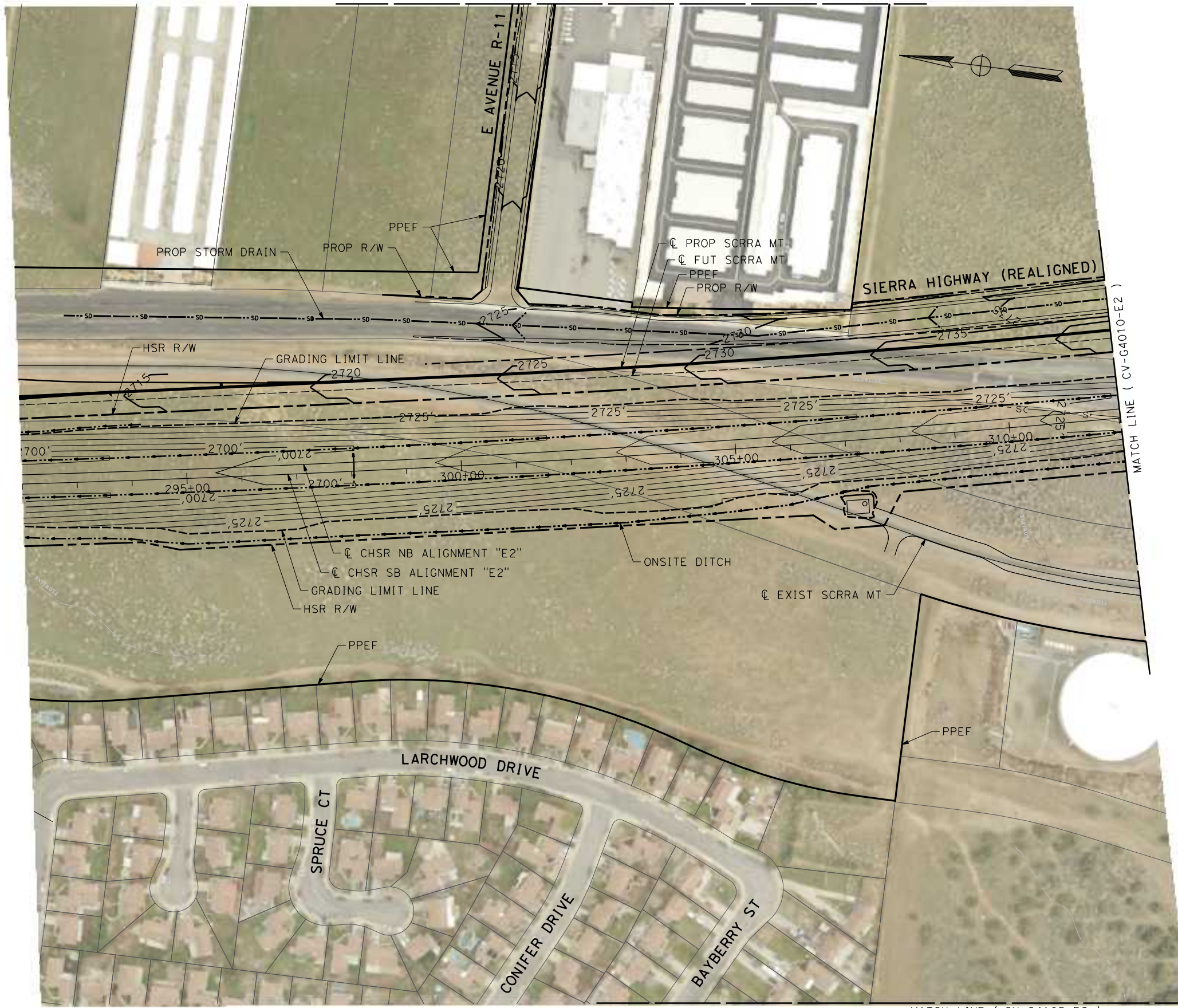
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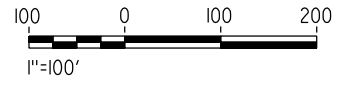
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 0400073

MATCH LINE ( CV-G4106-E2 AND CV-G4107-E2 )



MATCH LINE ( CV-G4105-E2 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
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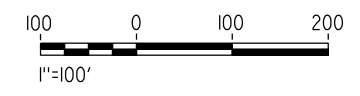
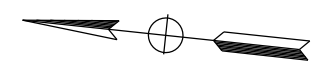
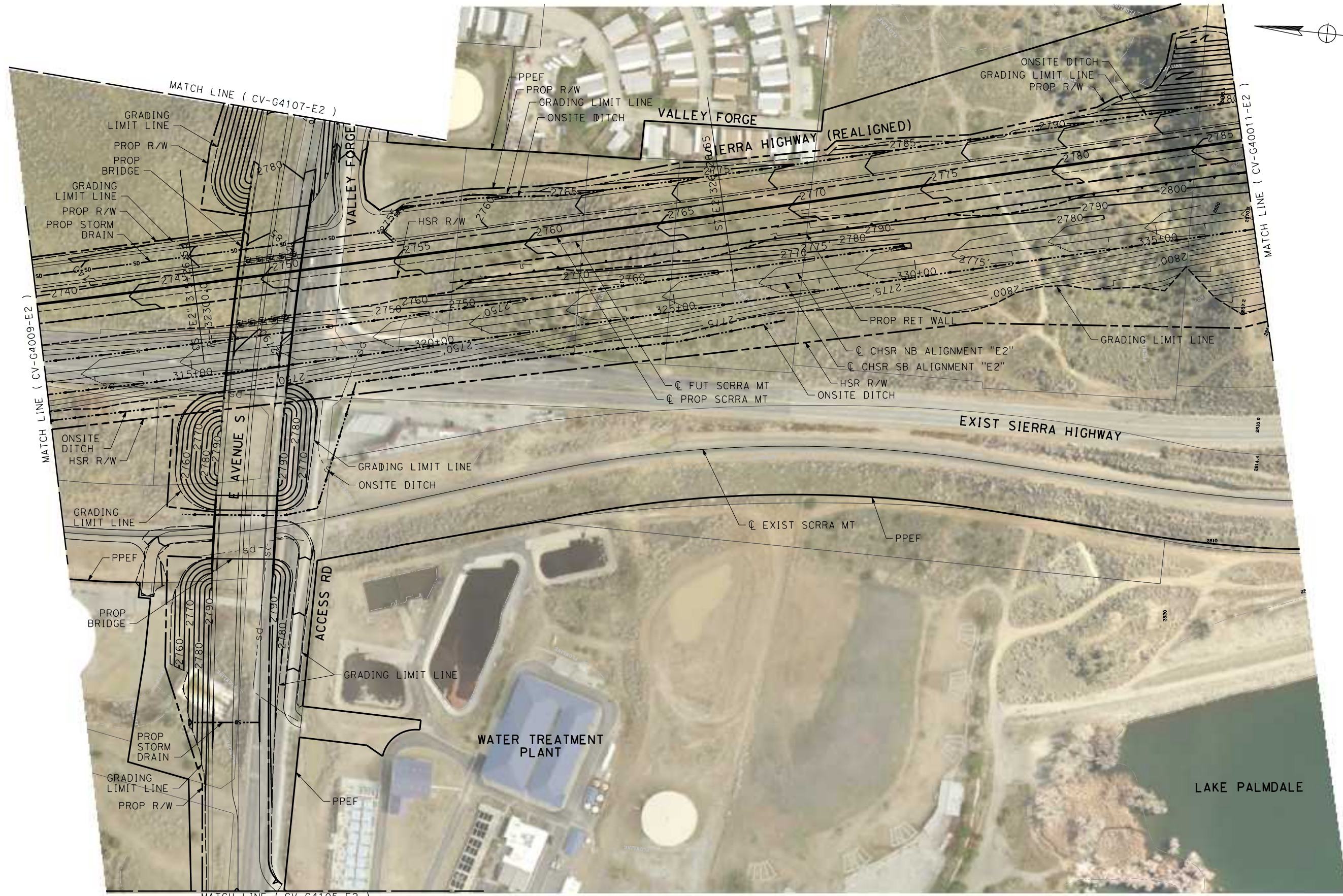


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E2"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4009-E2**  
 SCALE  
**AS SHOWN**  
 SHEET NO.



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REV	DATE	BY	CHK	APP	DESCRIPTION

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**JC ALAMILLA**  
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**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

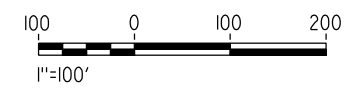
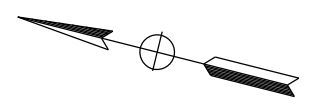
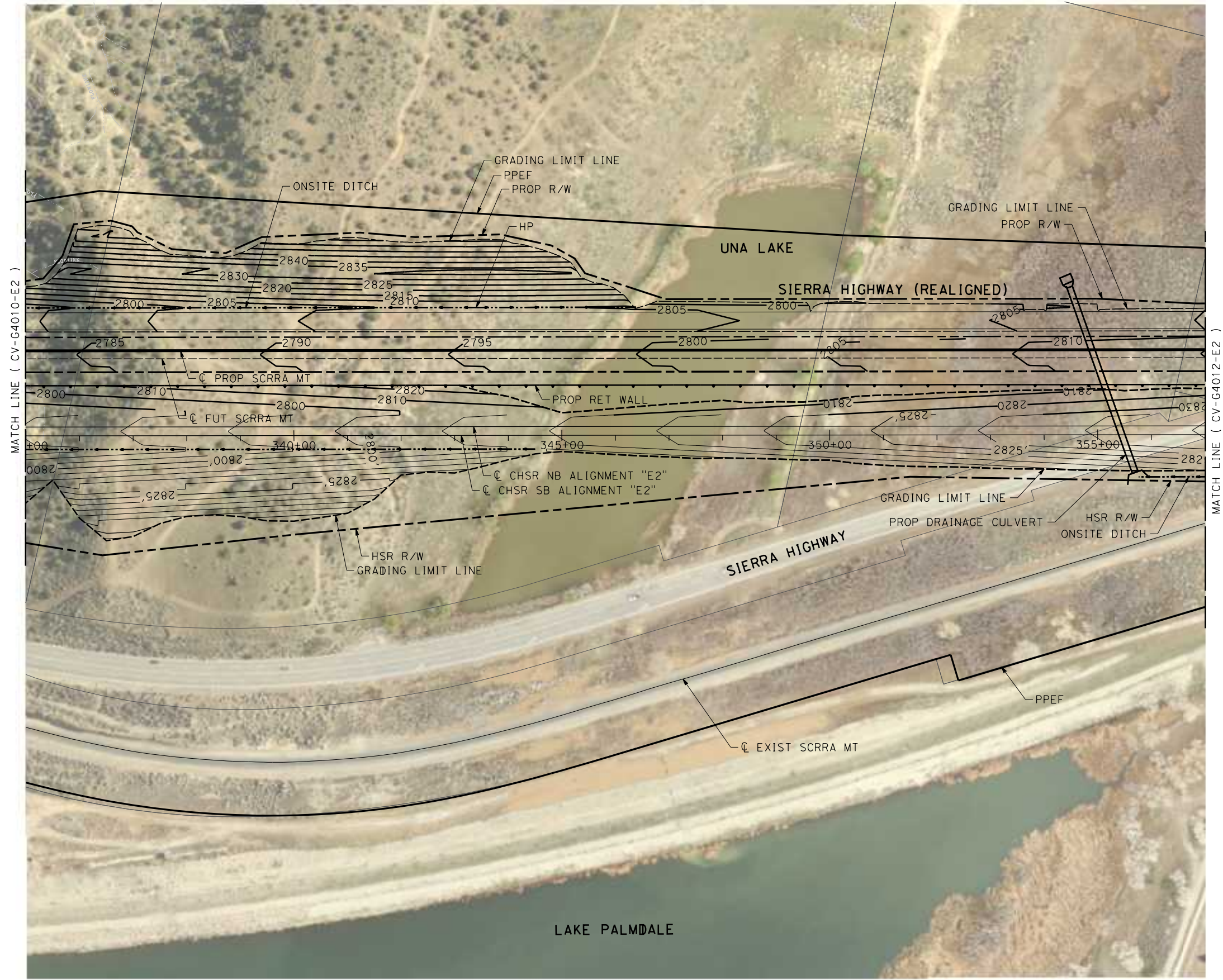
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**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E2"  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
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REV	DATE	BY	CHK	APP	DESCRIPTION

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**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

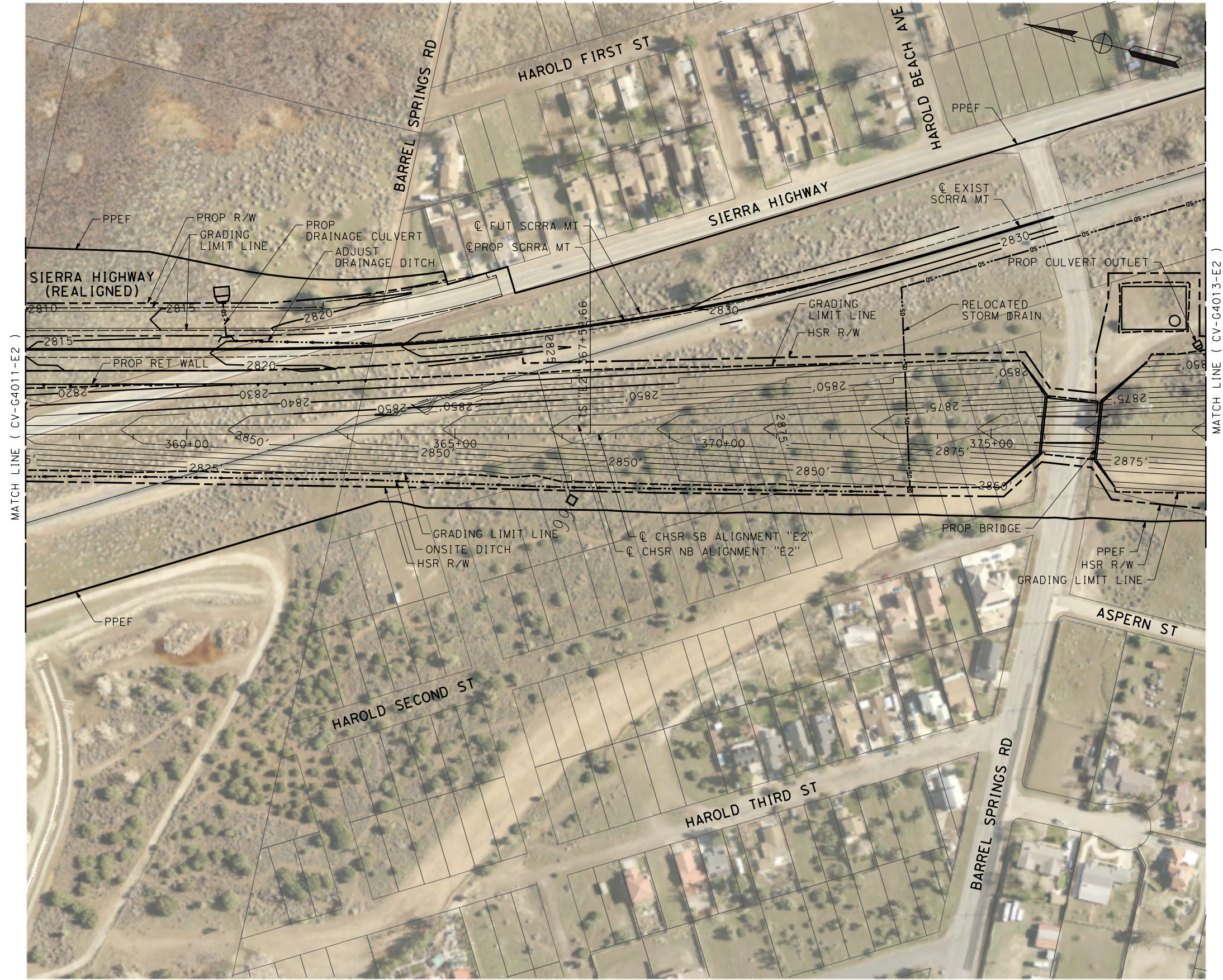
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "E2"**  
  
**GRADING AND DRAINAGE PLAN**

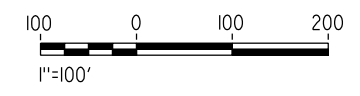
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 6/29/2021 9:46:01 AM  
 0400073



MATCH LINE ( CV-G4011-E2 )

MATCH LINE ( CV-G4013-E2 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
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**NOT FOR CONSTRUCTION**



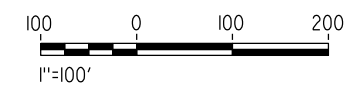
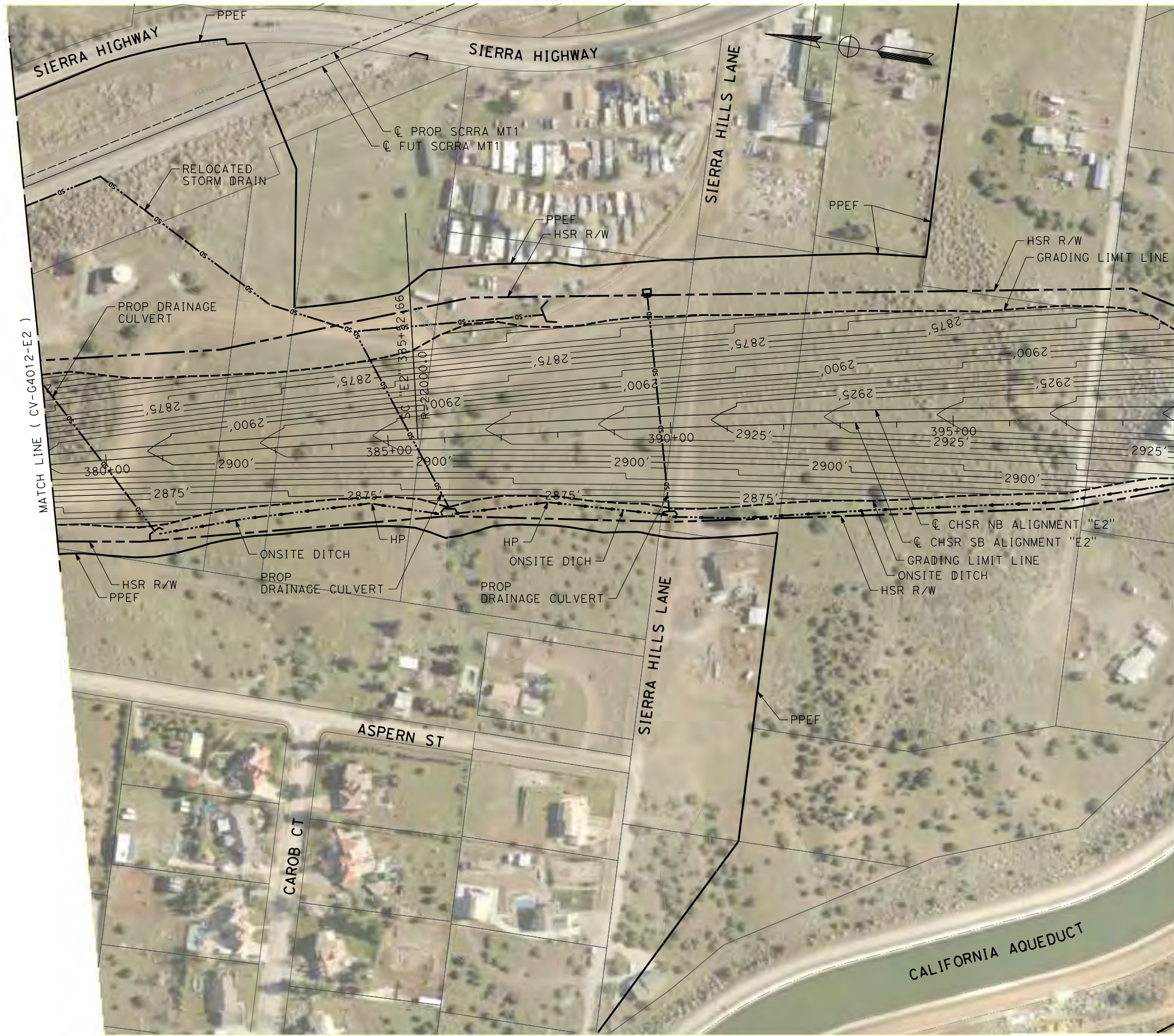
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E2"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4012-E2**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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4/20/2021 9:09:26 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

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**JC ALAMILLA**  
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CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

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**NOT FOR CONSTRUCTION**



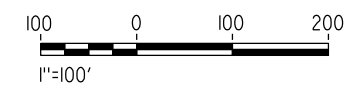
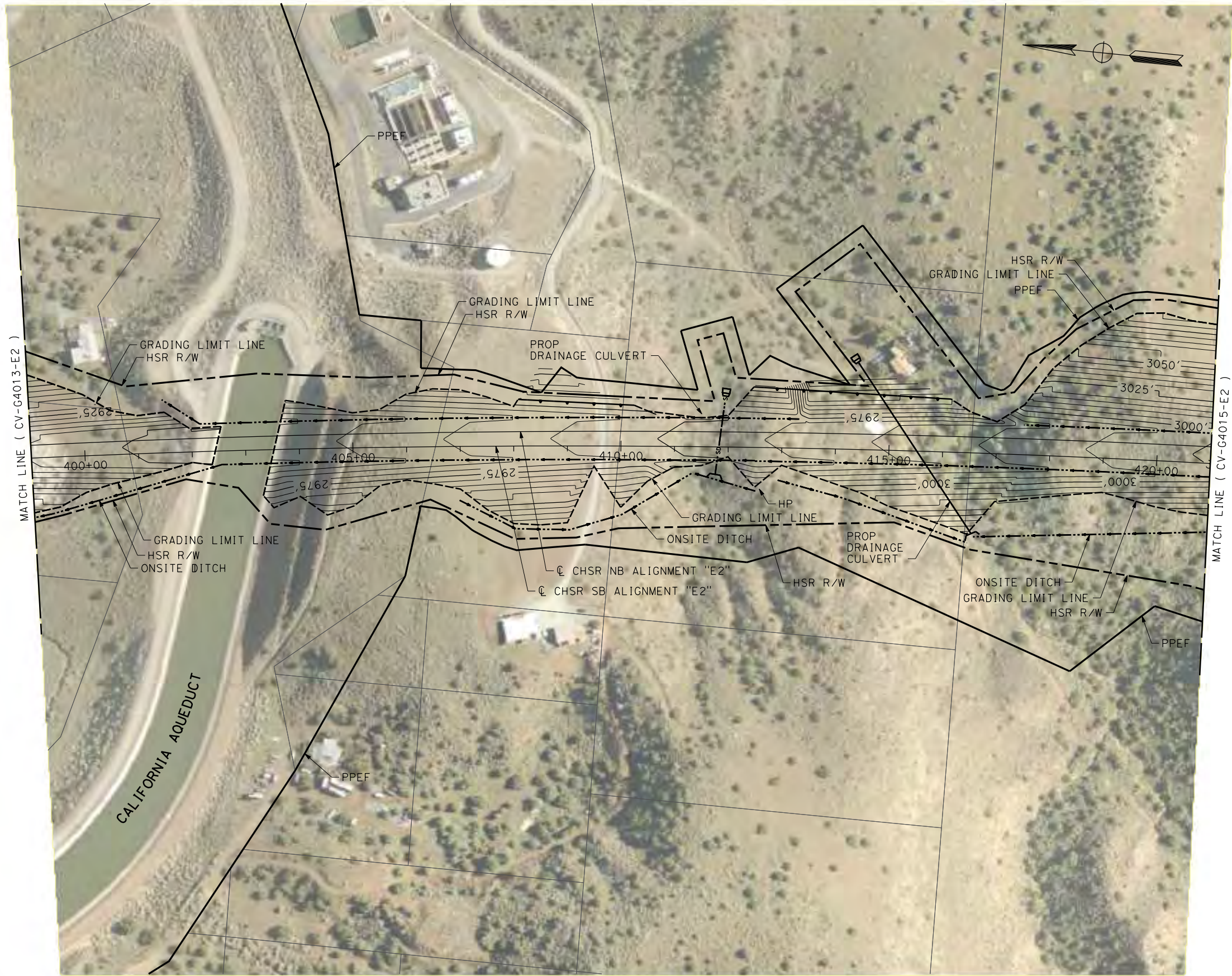
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4013-E2**  
SCALE  
**AS SHOWN**  
SHEET NO.

c:\pwworking\chsr\dms19529\PB-CV-G4014-E2.dgn

4/20/2021 9:09:37 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



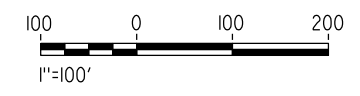
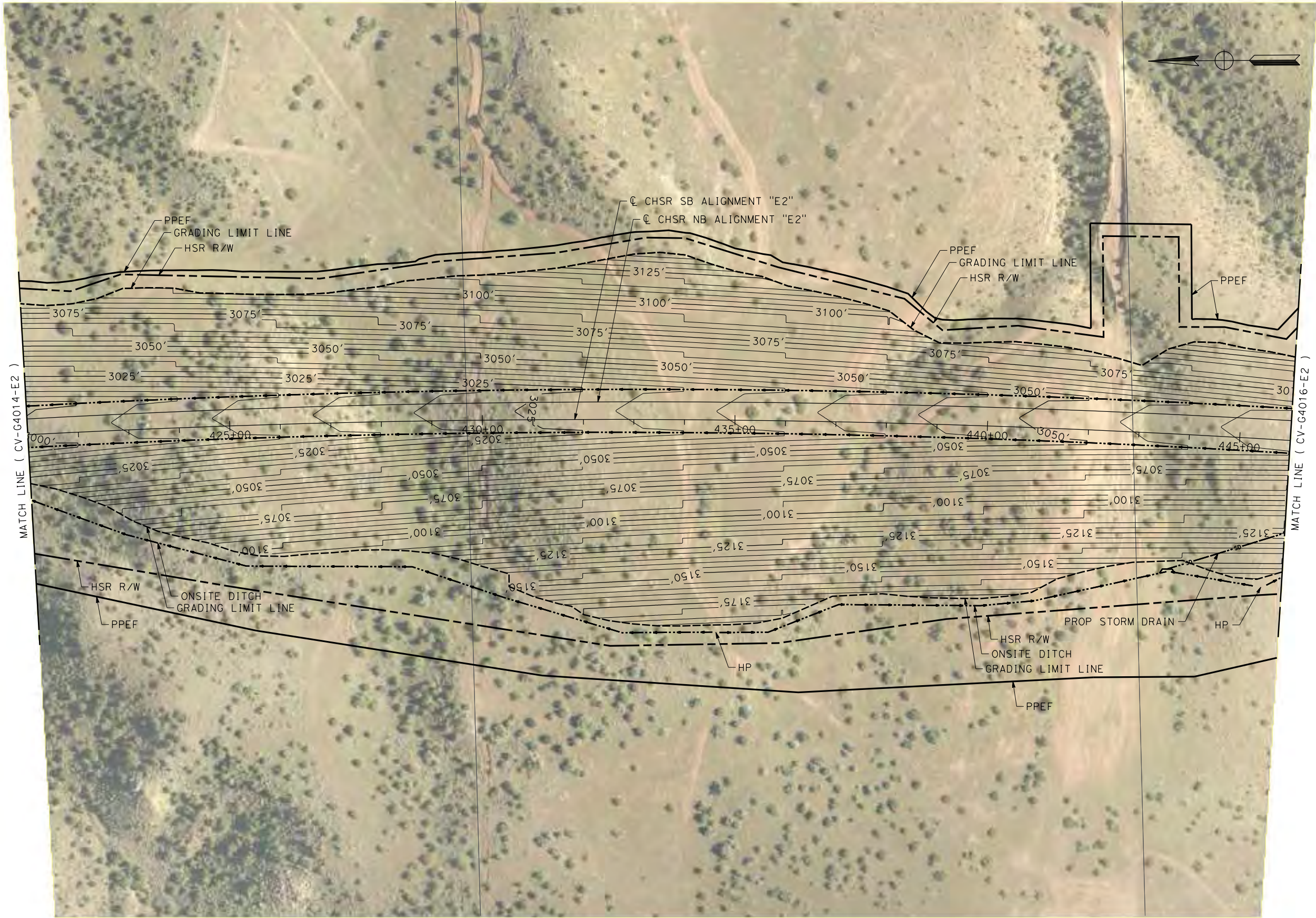
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
**ALIGNMENT "E2"**  
  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4014-E2**  
SCALE  
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SHEET NO.

c:\pwworking\chsr\vdms19529\pb-cv-g4015-e2.dgn

4/20/2021 9:09:47 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



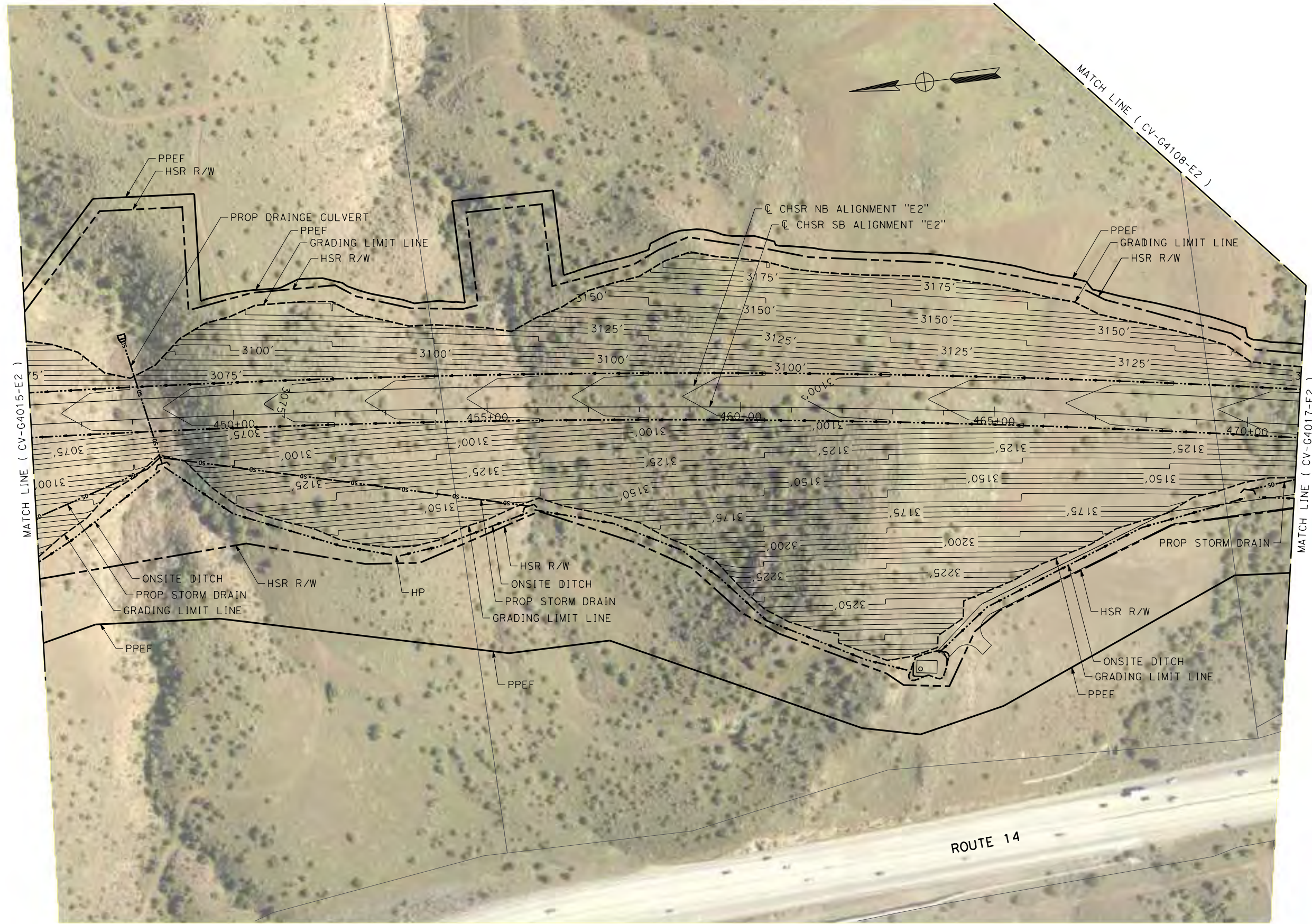
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4015-E2**  
SCALE  
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SHEET NO.

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4/20/2021 9:09:58 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

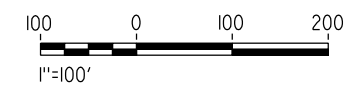
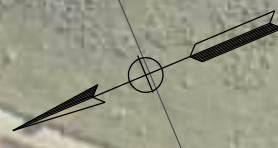
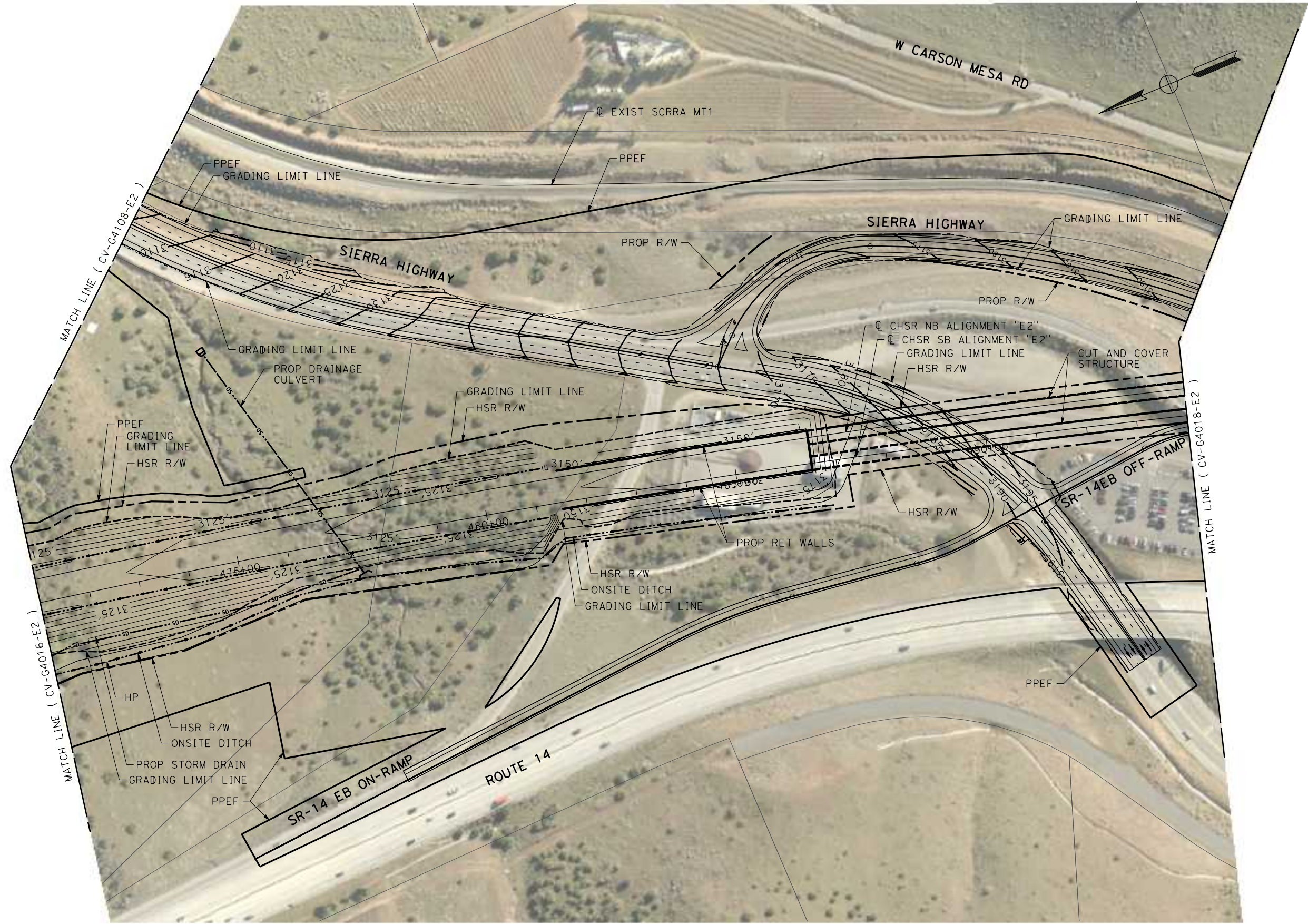
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**REV 02**  
  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4016-E2**  
SCALE  
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SHEET NO.

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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**

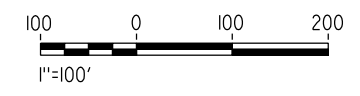
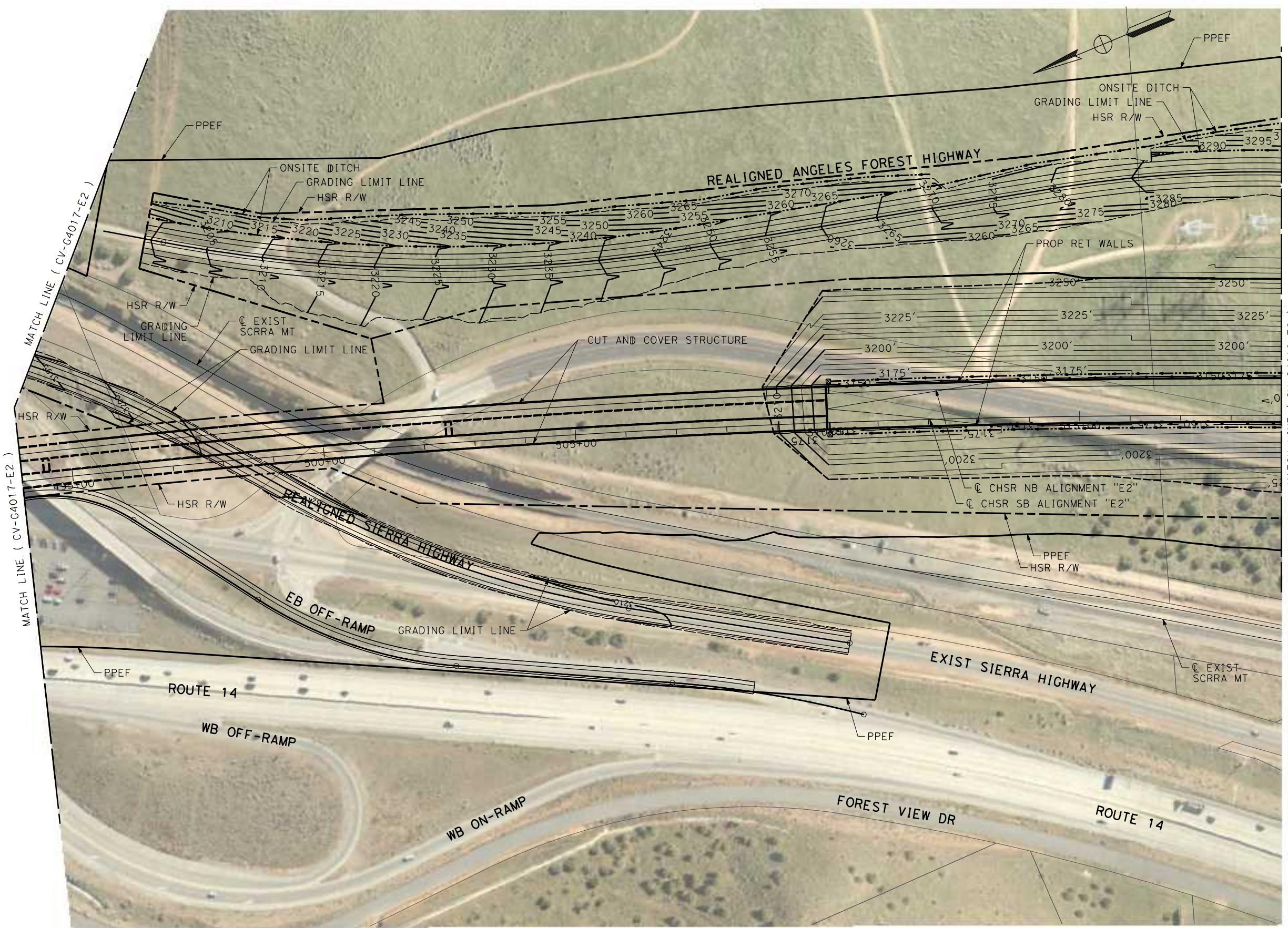


**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E2"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4017-E2**  
 SCALE  
**AS SHOWN**  
 SHEET NO.



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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

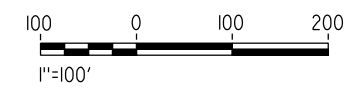
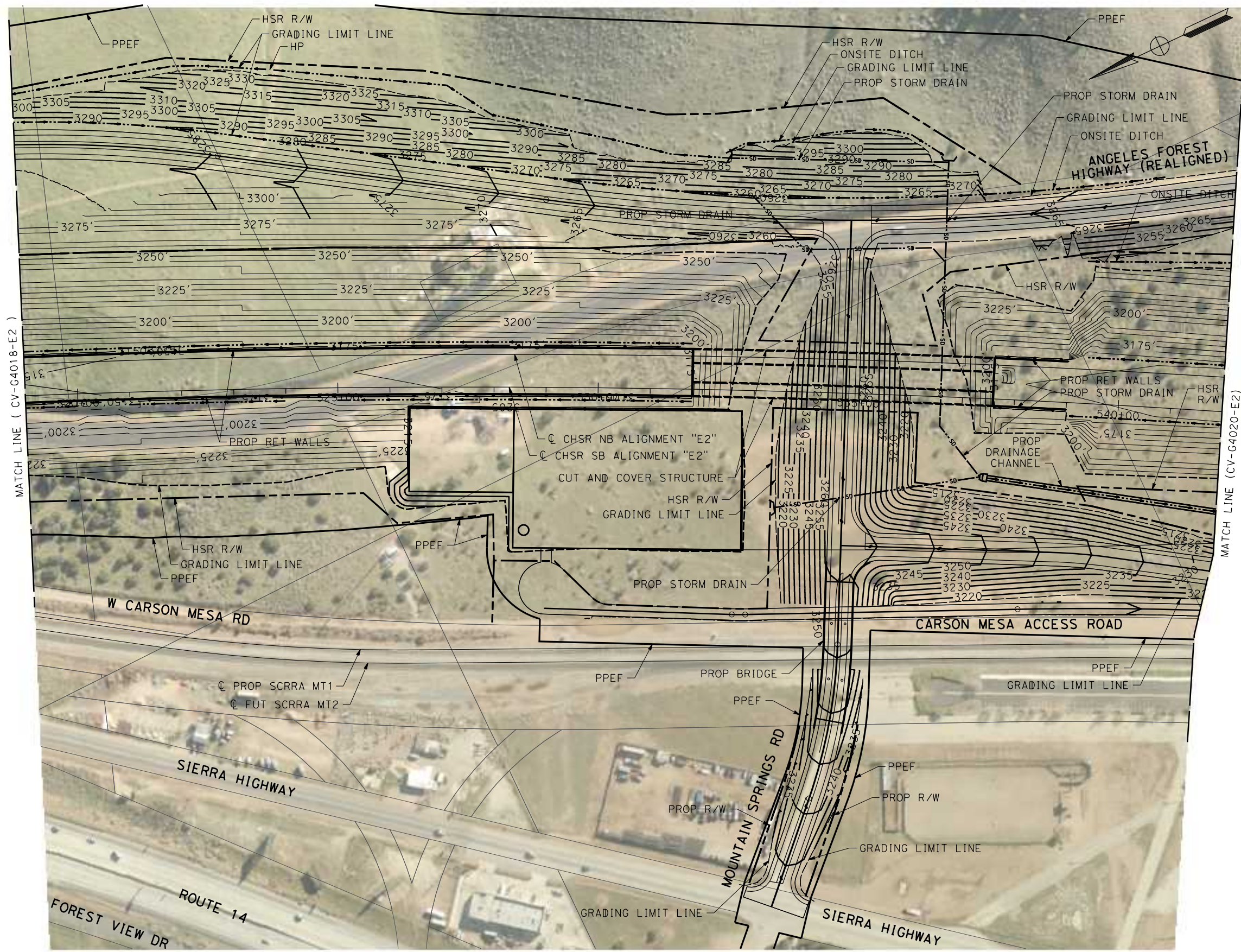
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**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E2"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4018-E2**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

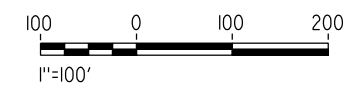
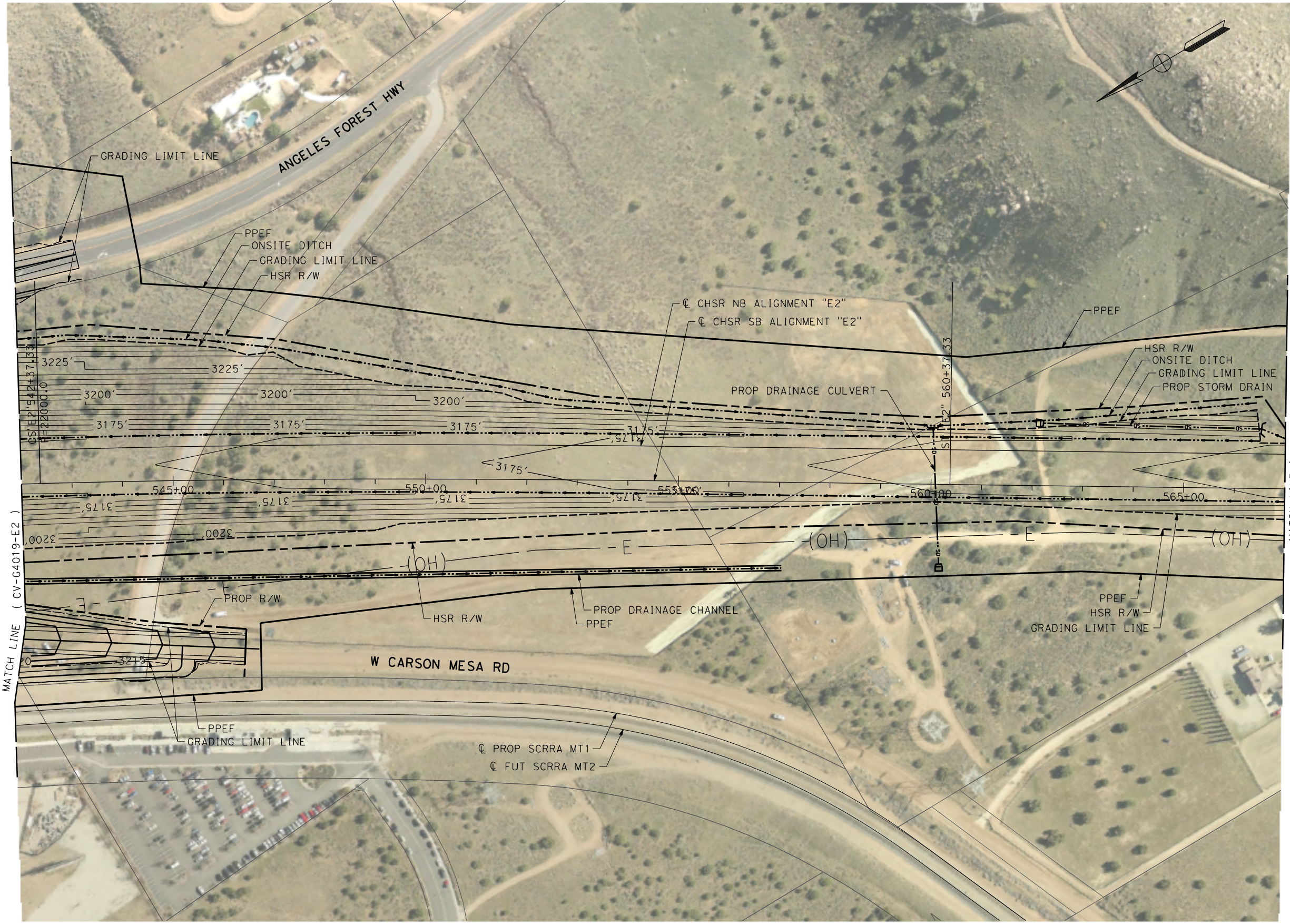
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**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E2"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4019-E2**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

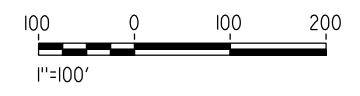
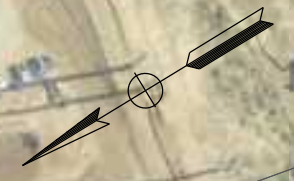
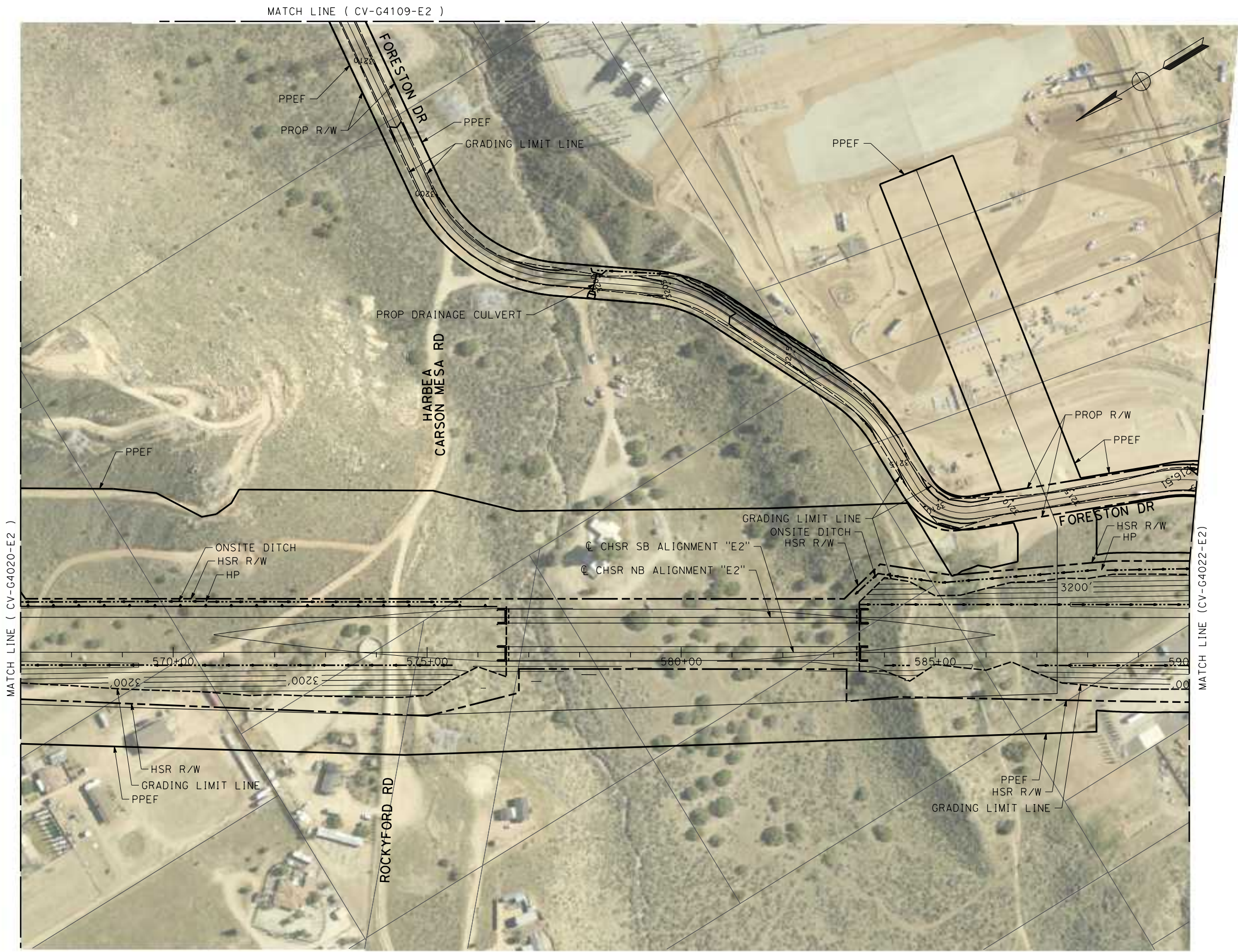
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**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E2"  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4020-E2**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E2"  
**GRADING AND DRAINAGE PLAN**

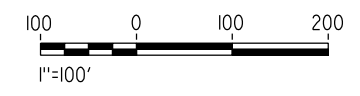
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 0400073



MATCH LINE ( CV-G4023-E2 )

MATCH LINE ( CV-G4021-E2 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
 DRAWN BY  
**JC ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



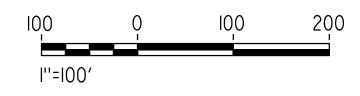
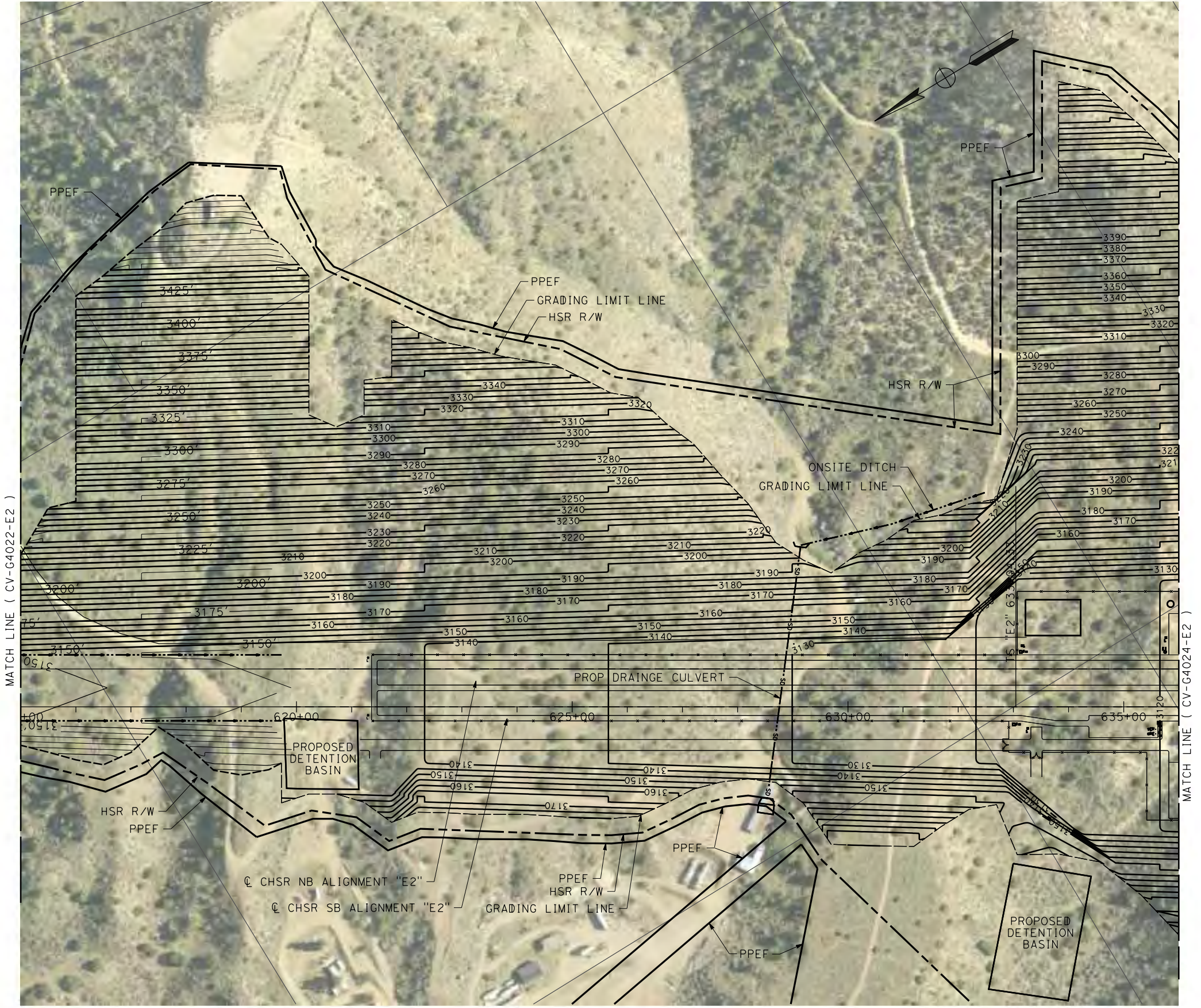
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E2"  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4022-E2**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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4/20/2021 9:11:11 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



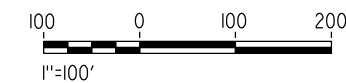
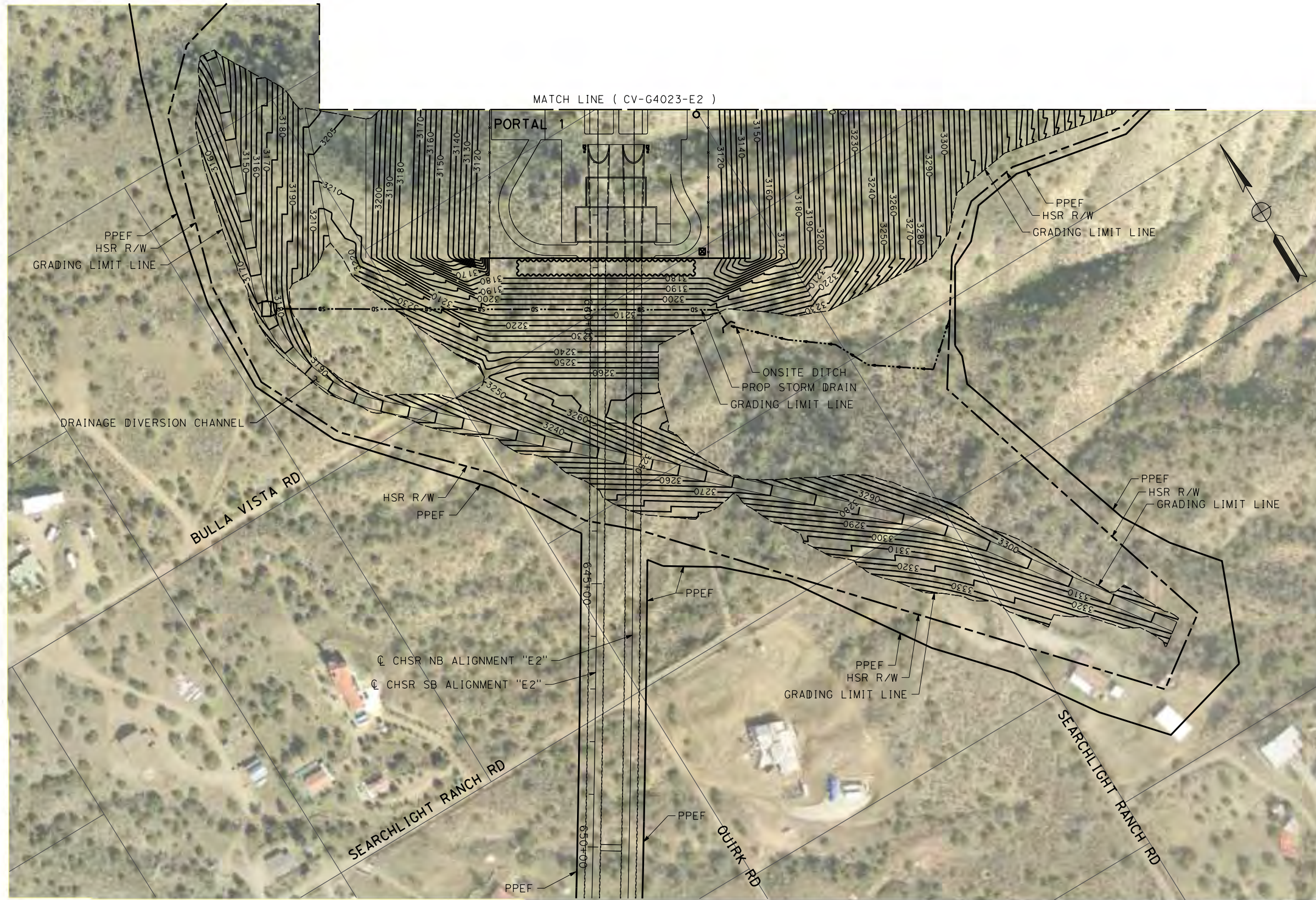
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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DRAWING NO.  
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SCALE  
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SHEET NO.

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4/20/2021 9:11:21 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET  
REV 02  
NOT FOR  
CONSTRUCTION**



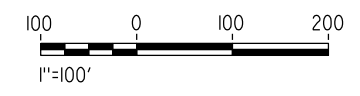
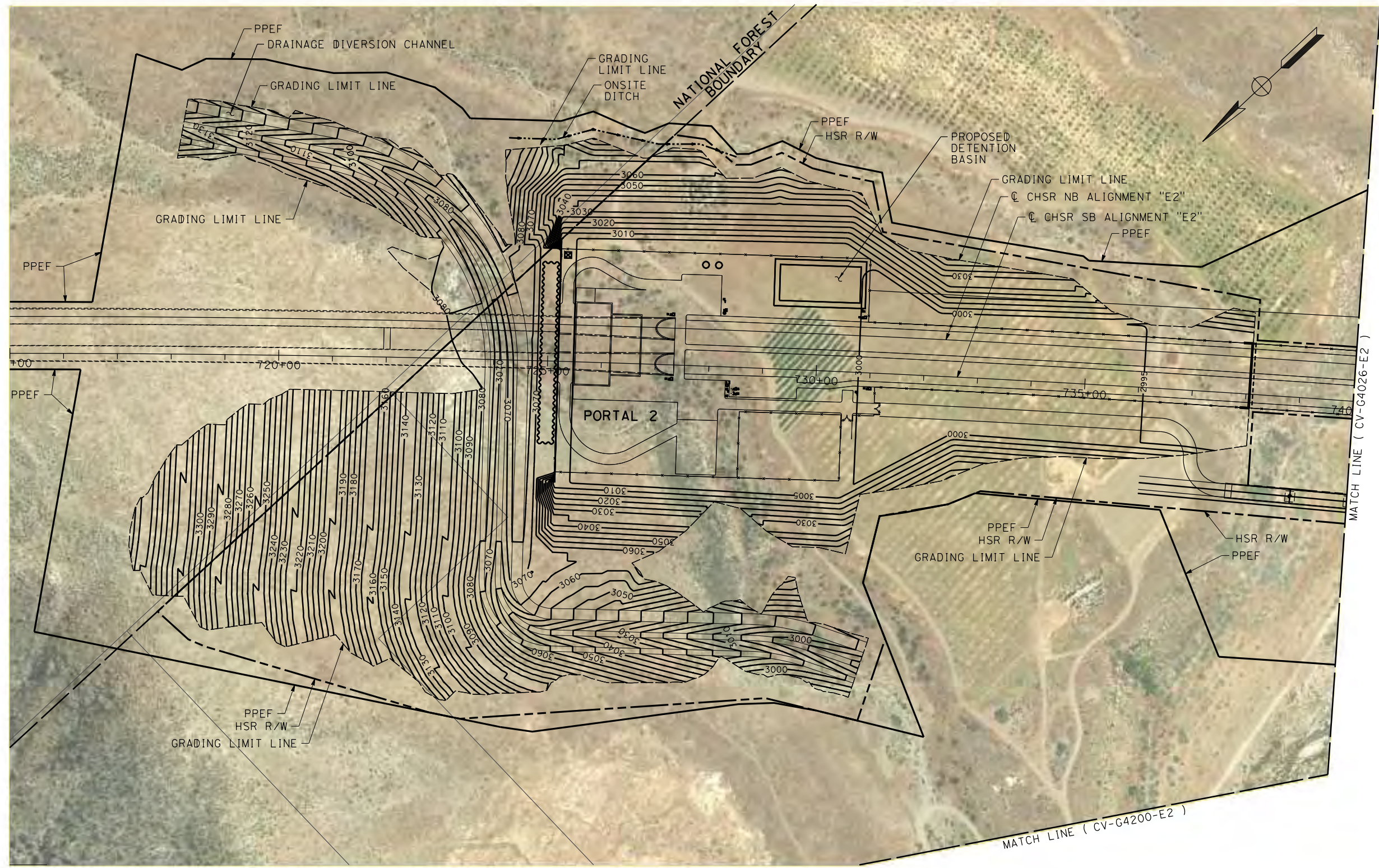
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PALMDALE TO BURBANK  
ALIGNMENT "E2"  
GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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DRAWING NO.  
**CV-G4024-E2**  
SCALE  
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SHEET NO.

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4/20/2021 9:11:32 AM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
GRADING AND DRAINAGE PLAN

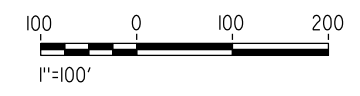
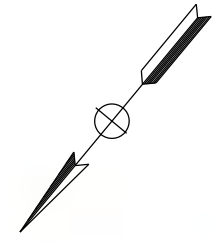
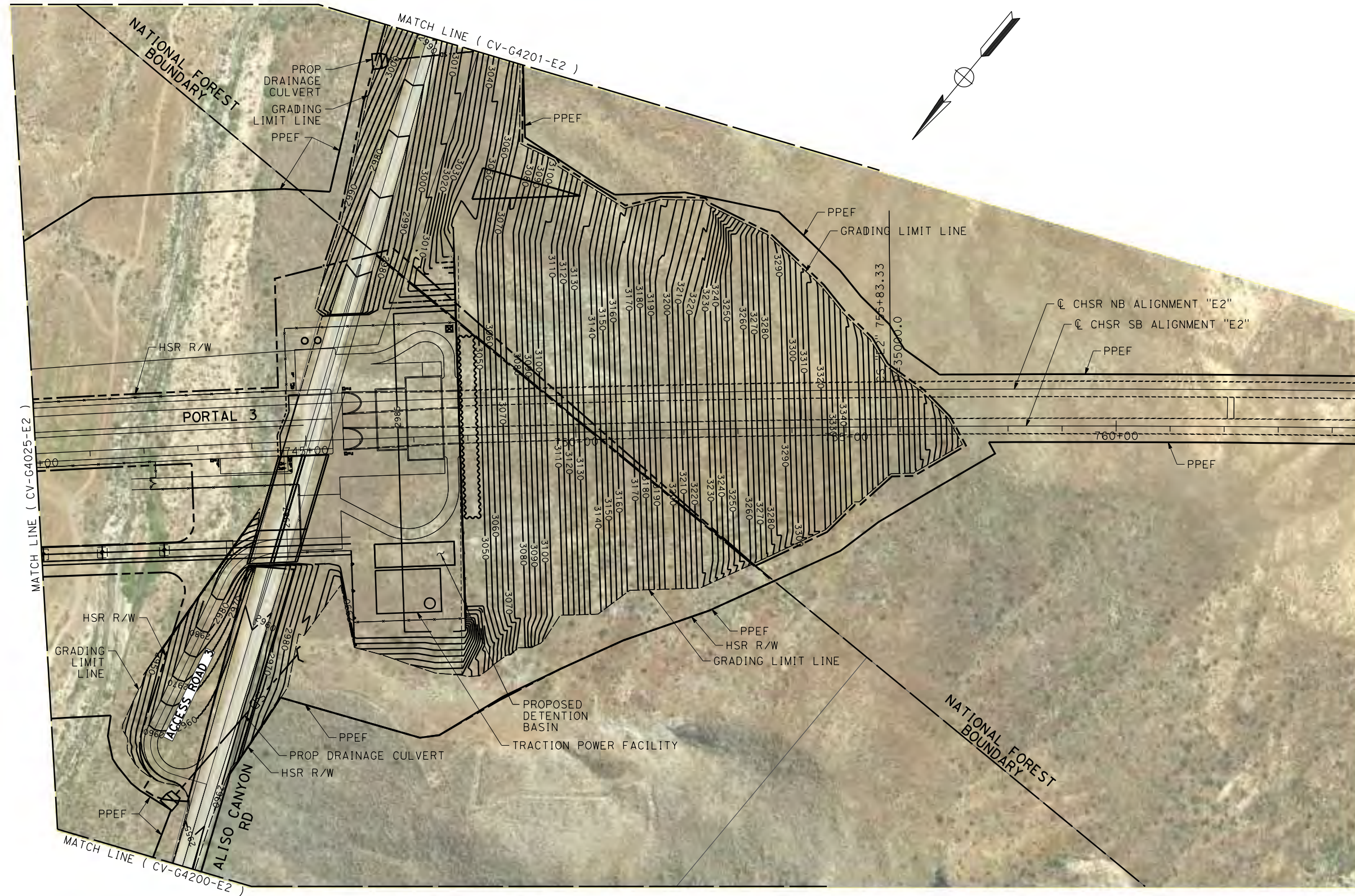
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SHEET NO.



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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



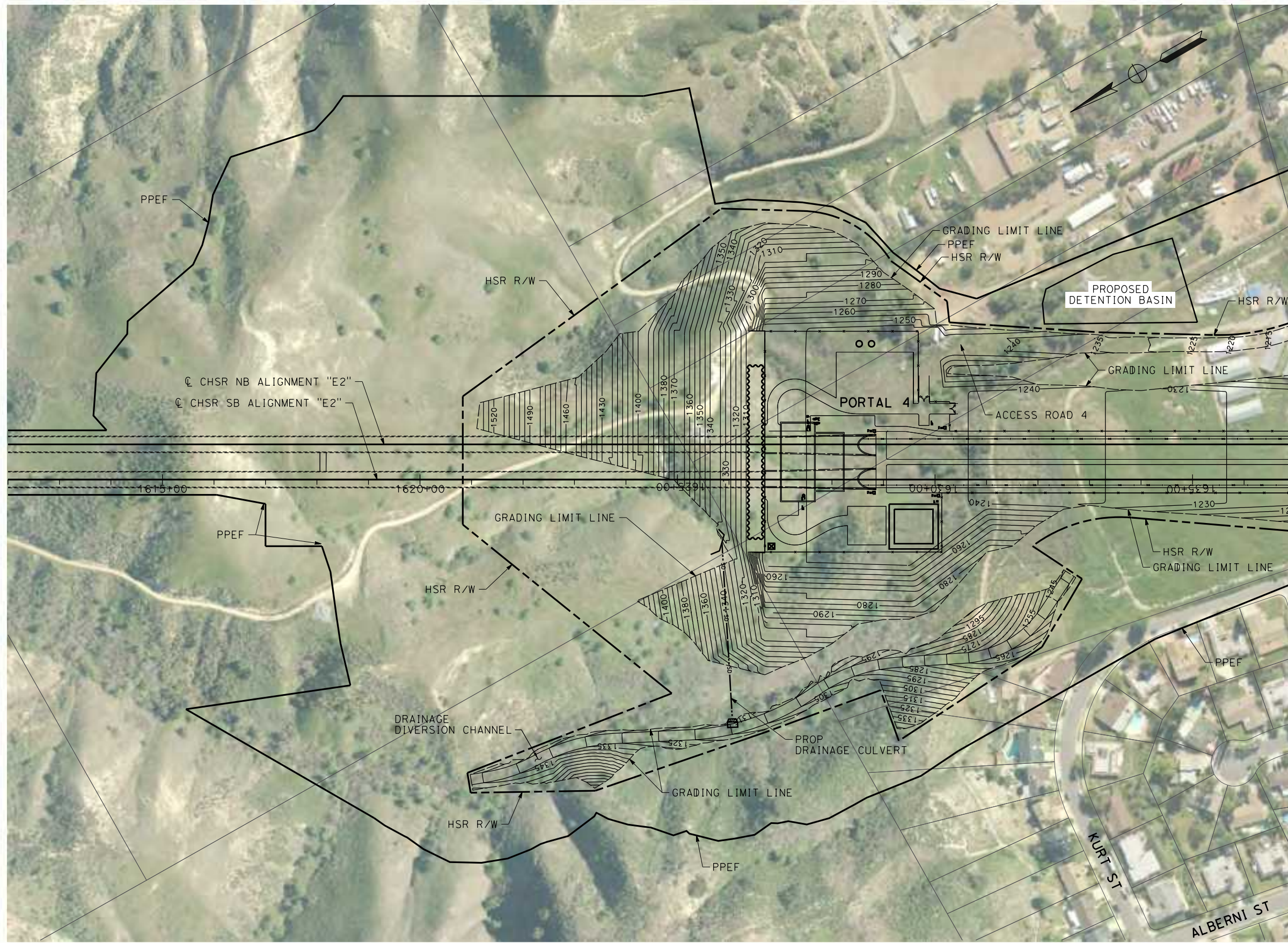
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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DRAWING NO.  
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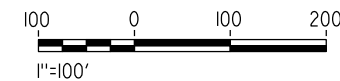
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4/22/2021 4:36:19 PM

0400074



MATCH LINE ( CV-G4028-E2 )



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



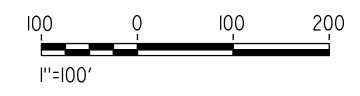
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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DRAWING NO.  
**CV-G4027-E2**  
SCALE  
**AS SHOWN**  
SHEET NO.

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4/22/2021 4:36:30 PM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
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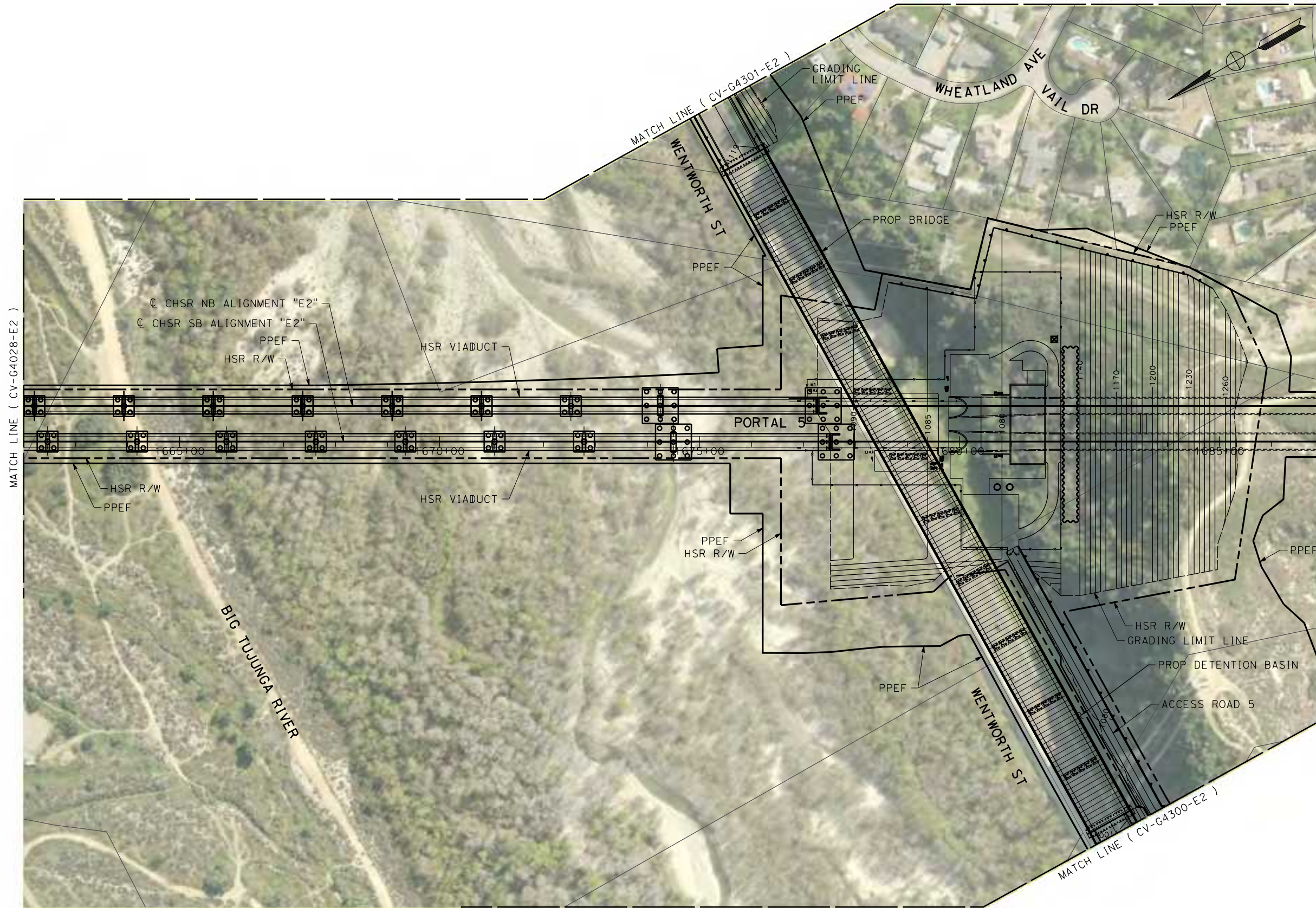
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**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4028-E2**  
SCALE  
**AS SHOWN**  
SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

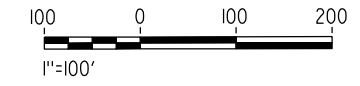
DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET  
REV 02  
NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK  
ALIGNMENT "E2"  
GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4029-E2**  
SCALE  
**AS SHOWN**  
SHEET NO.



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0400074

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4105-E2**  
SCALE  
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SHEET NO.

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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR**  
**CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4106-E2**  
SCALE  
**AS SHOWN**  
SHEET NO.

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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
 DRAWN BY  
**JC. ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELAÑO**  
 DATE  
**04/30/2021**

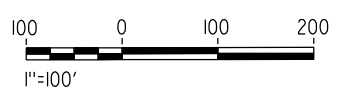
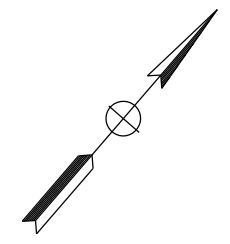
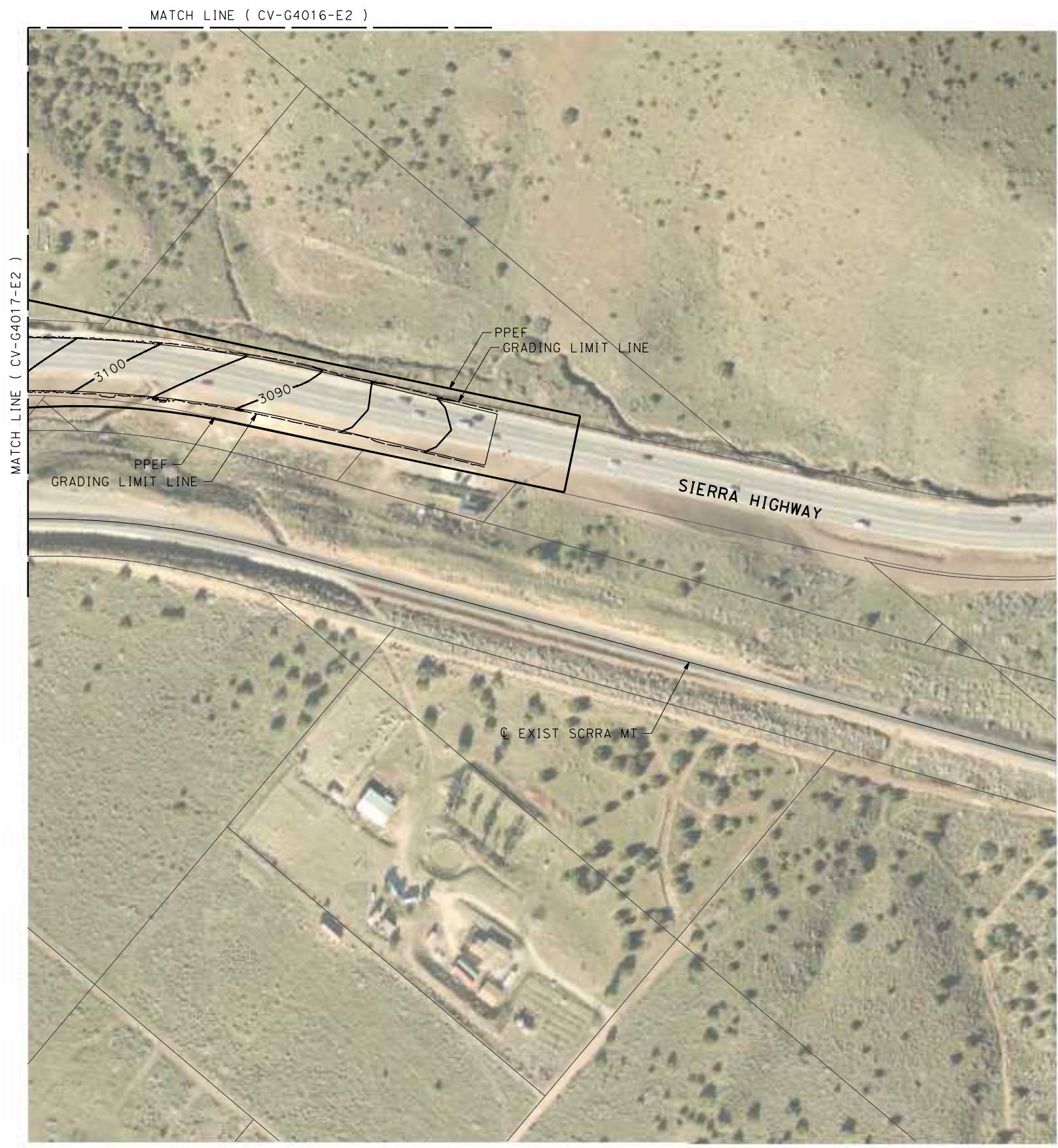
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**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E2"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4107-E2**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
 DRAWN BY  
**JC. ALAMILLA**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELAÑO**  
 DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E2"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR-14-42**  
 DRAWING NO.  
**CV-G4108-E2**  
 SCALE  
**AS SHOWN**  
 SHEET NO.





MATCH LINE ( CV-G4021-E2 )



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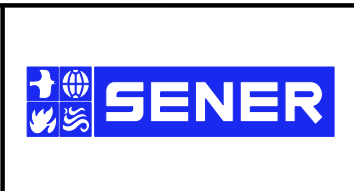
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0400074

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



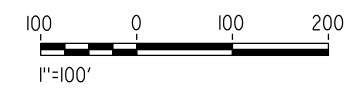
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**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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SCALE  
**AS SHOWN**  
SHEET NO.

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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



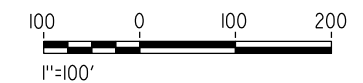
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**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4200-E2**  
SCALE  
**AS SHOWN**  
SHEET NO.

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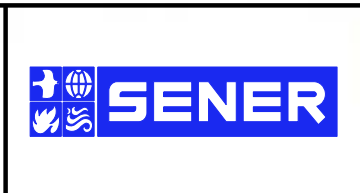
0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



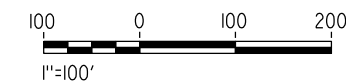
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4201-E2**  
SCALE  
**AS SHOWN**  
SHEET NO.

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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR**  
**CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4300-E2**  
SCALE  
**AS SHOWN**  
SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC ALAMILLA**  
DRAWN BY  
**JC ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET  
REV02**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4301-E2**  
SCALE  
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SHEET NO.

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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**JC. ALAMILLA**  
DRAWN BY  
**JC. ALAMILLA**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**04/30/2021**

**PEPD RECORD SET**  
**REV 02**  
  
**NOT FOR CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E2"  
  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4302-E2**  
SCALE  
**AS SHOWN**  
SHEET NO.