

California High-Speed Rail Authority

# Palmdale to Burbank Project Section

PEPD RECORD SET ADDENDUM SR14A / E1A / E2A

Grading and Drainage Plans

April 2024



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.

# GRADING AND DRAINAGE SHEETS

## GENERAL

DRAWING NO.	DRAWING DESCRIPTION
CV-B0002	GRADING AND DRAINAGE PLAN - INDEX OF DRAWINGS
CV-B0005	GRADING AND DRAINAGE PLAN - ABBREVIATIONS
CV-B0007	GRADING AND DRAINAGE PLAN - ABBREVIATIONS AND LEGEND

## SR14A ALIGNMENT

DRAWING NO.	DRAWING DESCRIPTION
CV-B0002-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN - KEY MAP
CV-G4001-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4002-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4003-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4004-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4005-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4006-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4007-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4008-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4009-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4010A-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4010-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4011-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4012-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4013-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4014-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4015-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4016-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4017-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4018-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4019-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4021-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN
CV-G4022-14A	ALIGNMENT "SR14A" - GRADING AND DRAINAGE PLAN

## E1A/E2A ALIGNMENT

DRAWING NO.	DRAWING DESCRIPTION
CV-B0003-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN - KEY MAP
CV-G4001-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4002-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4003-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4004-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4005-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4006-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4007-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4008-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4009-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4010-EA	NOT USED
CV-G4011-EA	NOT USED
CV-G4012-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4013-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4014-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4015-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4021-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4022-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4023-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN
CV-G4024-EA	ALIGNMENT "E1A/E2A" - GRADING AND DRAINAGE PLAN

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**

DRAWN BY  
**F. VASQUEZ**

CHECKED BY  
**R. RODRIGUEZ**

IN CHARGE  
**A. RELANO**

DATE  
**02/26/2021**

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENTS "SR14A/E1A/E2A"  
 GRADING AND DRAINAGE PLAN  
 INDEX OF DRAWINGS

CONTRACT NO.  
**HSR14-42**

DRAWING NO.  
**CV-B0002**

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  
**CL** CENTERLINE

**D**  
**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  
**FNB** 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  
**FWBT** 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

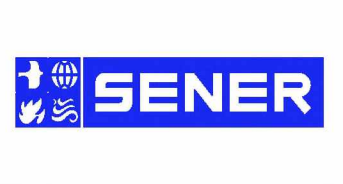
**R**  
**R** RADIUS  
**R & D** REMOVE AND DISPOSE  
**R & S** REMOVE AND SALVAGE  
**R/C** RATE OF CHANGE  
**RCA** REINFORCED CONCRETE ARCH  
**RCB** REINFORCED CONCRETE BOX  
**RCP** REINFORCED CONCRETE PIPE  
**RCPA** REINFORCED CONCRETE PIPE ARCH  
**RD** ROAD  
**REINF** REINFORCED, REINFORCEMENT, 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  
**C. DIMARIO**  
DRAWN BY  
**F. VASQUEZ**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELAÑO**  
DATE  
**02/26/2021**

**PEPD RECORD SET**  
**ADDENDUM**  
**SR14A/E1A/E2A**  
  
**NOT FOR**  
**CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENTS "SR14A/E1A/E2A"  
**GRADING AND DRAINAGE PLAN**  
**ABBREVIATIONS**

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-B0005**  
SCALE  
**NO SCALE**  
SHEET NO.

**S CONTINUED**

<b>SSD</b>	STRUCTURAL SECTION DRAIN
<b>SSRP</b>	STEEL SPIRAL RIB PIPE
<b>SR</b>	STATE ROUTE
<b>ST</b>	STREET, SPIRAL TO TANGENT
<b>STA</b>	STATION
<b>STBB</b>	SINGLE THRIE BEAM BARRIER
<b>STD</b>	STANDARD
<b>STR</b>	STRUCTURE
<b>SRS</b>	STAND ALONE RADIO SITE
<b>SURF</b>	SURFACING
<b>SW</b>	SIDEWALK, SOUND WALL
<b>SYM</b>	SYMMETRICAL
<b>T</b>	
<b>T</b>	TANGENT
<b>TAB</b>	TABLET
<b>TAN</b>	TANGENT
<b>TBB</b>	THRIE BEAM BARRIER
<b>TC</b>	TOP OF CURB, TANGENT TO CURVE
<b>TCE</b>	TEMPORARY CONSTRUCTION EASEMENT
<b>TEL</b>	TELEPHONE
<b>TEMP</b>	TEMPORARY
<b>TG</b>	TOP OF GRADE
<b>TM</b>	TECHNICAL MEMORANDUM
<b>TOT</b>	TOTAL
<b>TPSS</b>	TRACTION POWER SUPPLY STATION
<b>TRANS</b>	TRANSITION, TRANSVERSE
<b>TS</b>	TRAFFIC SIGNAL, TUBULAR STEEL, TANGENT TO SPIRAL
<b>TYP</b>	TYPICAL
<b>TOR</b>	TOP OF RAIL
<b>U</b>	
<b>UC</b>	UNDERCROSSING
<b>UD</b>	UNDERDRAIN
<b>UON</b>	UNLESS OTHERWISE NOTED
<b>UP</b>	UNDERPASS
<b>UPRR</b>	UNION PACIFIC RAILROAD
<b>USFWS</b>	UNITED STATES FISH AND WILDLIFE SERVICE
<b>V</b>	
<b>V</b>	VALVE, DESIGN SPEED
<b>VAR</b>	VARIABLE
<b>VCP</b>	VITRIFIED CLAY PIPE
<b>VERT</b>	VERTICAL
<b>VIA</b>	VIADUCT
<b>VOL</b>	VOLUME
<b>W</b>	
<b>W</b>	WEST, WIDTH
<b>WB</b>	WESTBOUND
<b>WH</b>	WEEP HOLE
<b>WM</b>	WIRE MESH
<b>WS</b>	WATER SURFACE
<b>WSP</b>	WELDED STEEL PIPE
<b>WT</b>	WEIGHT
<b>WV</b>	WATER VALVE
<b>WW</b>	WINGWALL
<b>WWLOL</b>	WINGWALL LAYOUT LINE

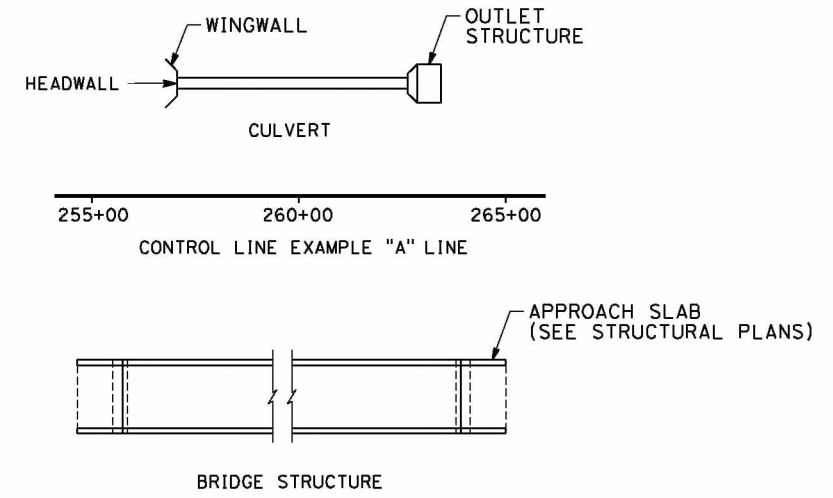
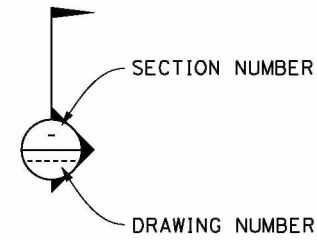
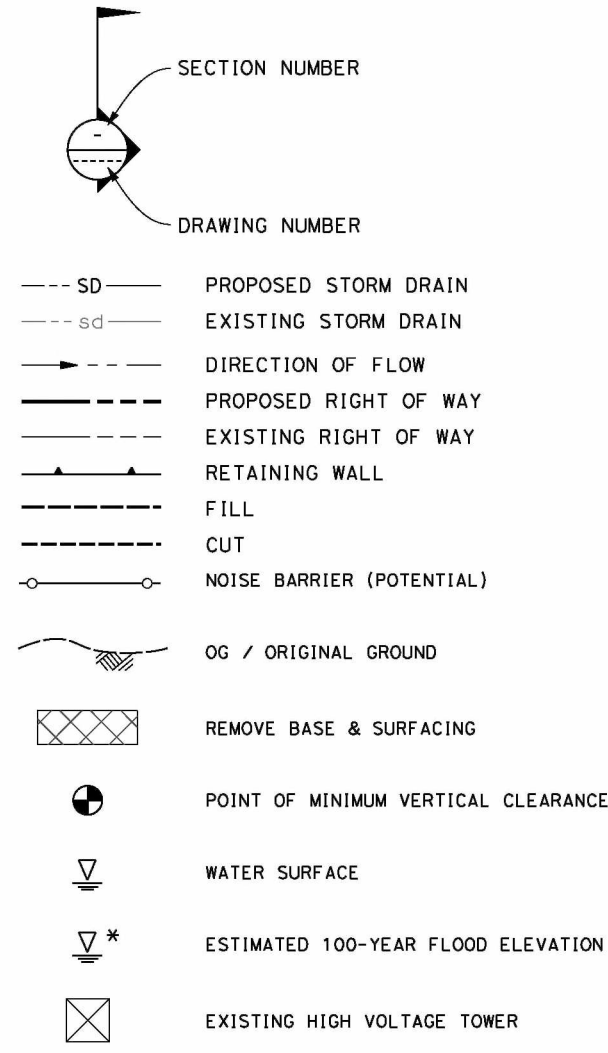
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<b>W/</b>	WITH
<b>X SEC XING</b>	CROSS SECTION CROSSING
<b>YR</b>	YEAR
<b>YRS</b>	YEARS

**GENERAL NOTES**

1. MINIMUM VERTICAL CLEARANCE REQUIREMENTS TO CANALS AND DITCHES ARE NOT KNOWN. FURTHER CONSULTATION WITH THE WATERCOURSE OWNERS WILL BE REQUIRED TO DETERMINE NECESSARY CLEARANCES. 3'-0" FREEBOARD HAS BEEN ALLOWED OVER THE 100-YEAR FLOOD LEVEL ELEVATIONS OF THE WASHES AND LA RIVER.
2. STA 296+82.67 (SPRUCE CT) IS THE NORTHERN LIMIT OF THE PALMDALE - BURBANK ENVIRONMENTAL DOCUMENT. NORTH OF THIS POINT REFER TO BAKERSFIELD-PALMDALE ENVIRONMENTAL DOCUMENT. DESIGN FEATURES BETWEEN STA 265+00.00 AND 296+82.67 (SPRUCE CT) SHOWN FOR REFERENCE ONLY.

**LEGEND**



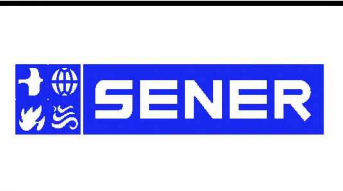
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY <b>C. DIMARIO</b>
DRAWN BY <b>F. VASQUEZ</b>
CHECKED BY <b>R. RODRIGUEZ</b>
IN CHARGE <b>A. RELANO</b>
DATE <b>02/26/2021</b>

PEPD RECORD SET  
**ADDENDUM**  
**SR14A/E1A/E2A**

**NOT FOR CONSTRUCTION**



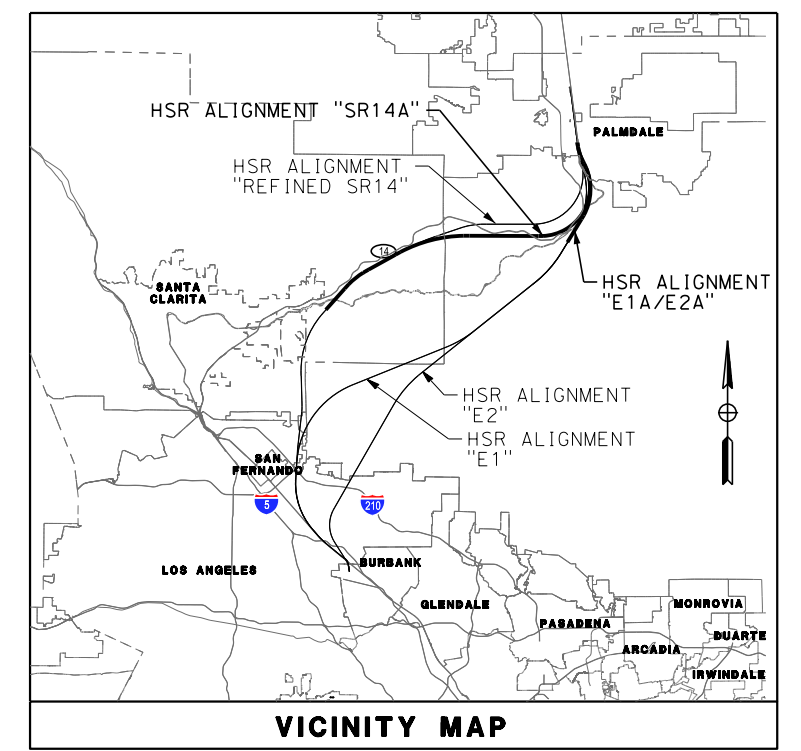
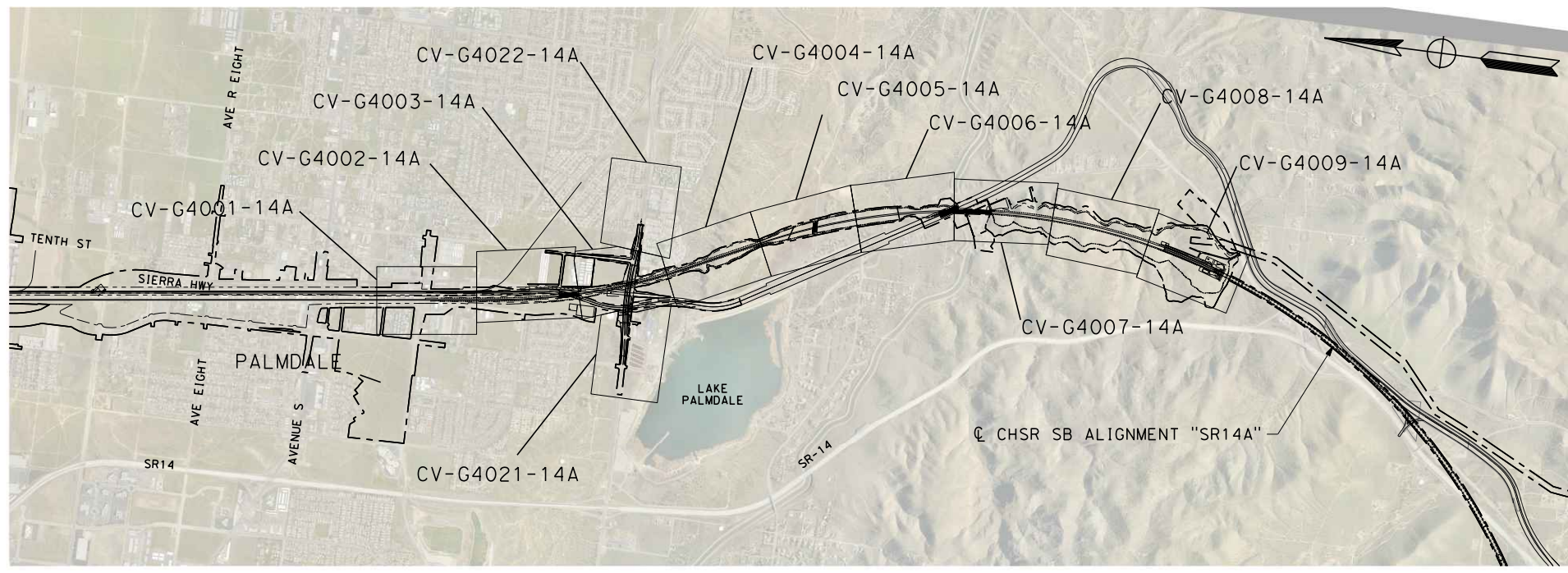
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENTS "SR14A/E1A/E2A"  
GRADING AND DRAINAGE PLAN  
ABBREVIATIONS AND LEGEND

CONTRACT NO. <b>HSR14-42</b>
DRAWING NO. <b>CV-B0007</b>
SCALE <b>NO SCALE</b>
SHEET NO.

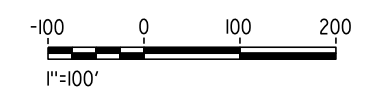
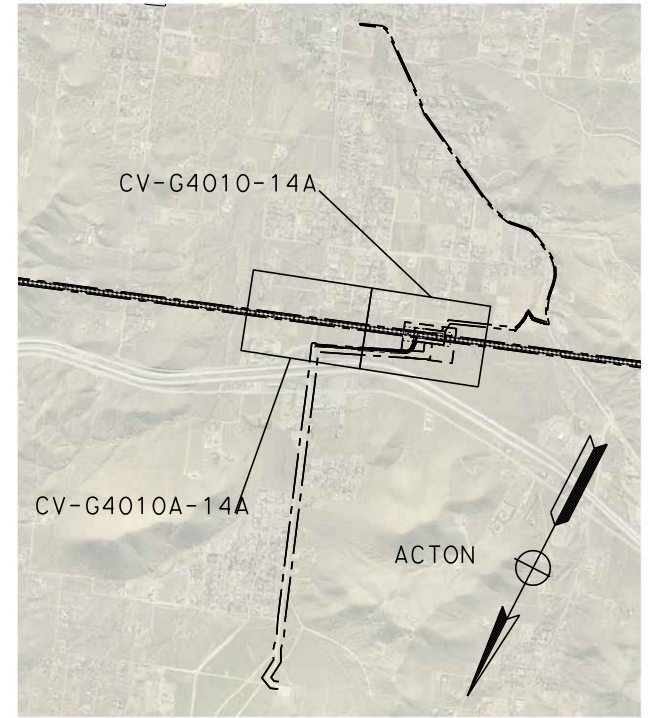
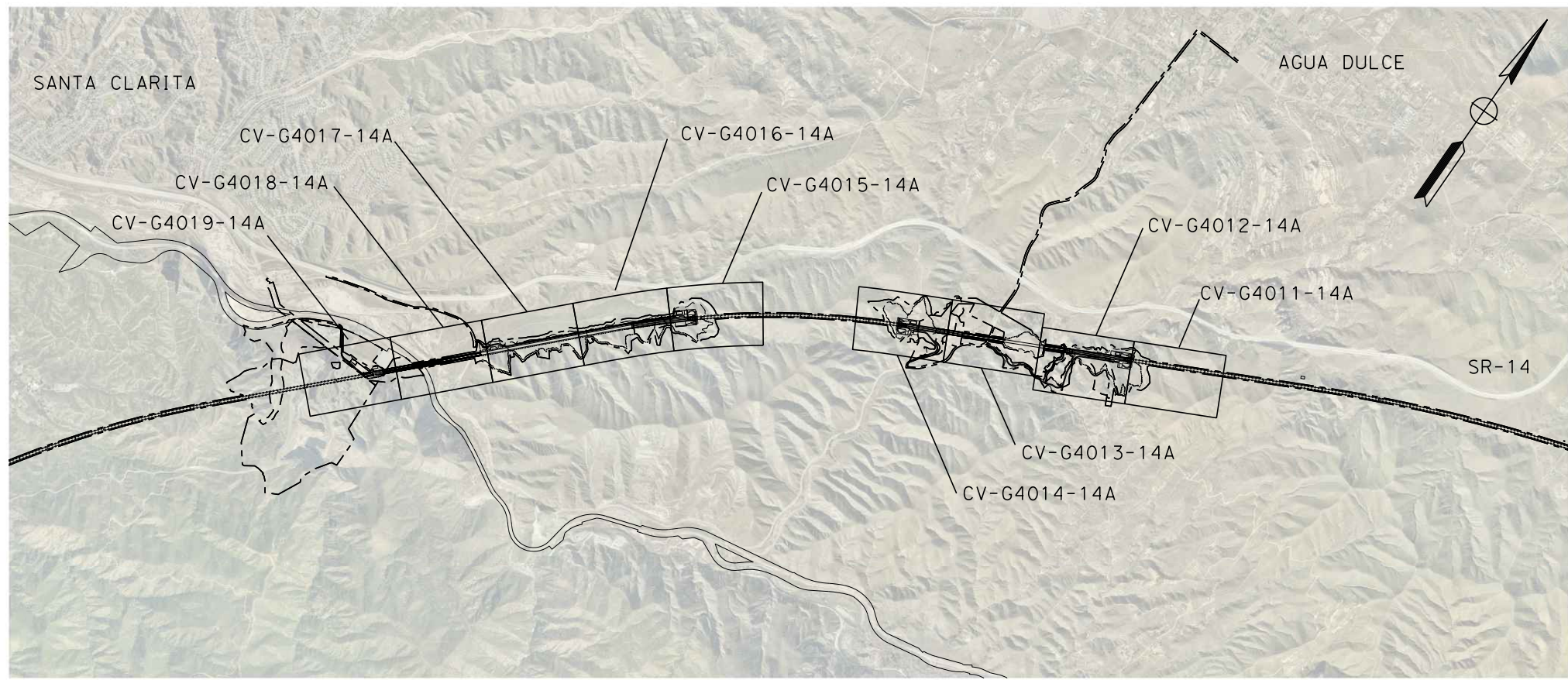
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04Z0008



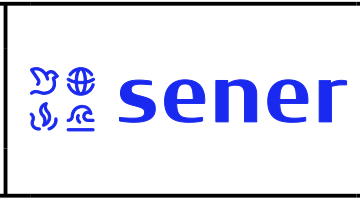
**VICINITY MAP**



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
R.RODRIGUEZ  
IN CHARGE  
A.RELAÑO  
DATE  
10/31/2023

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A  
  
NOT FOR  
CONSTRUCTION**



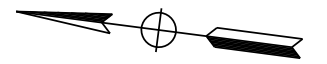
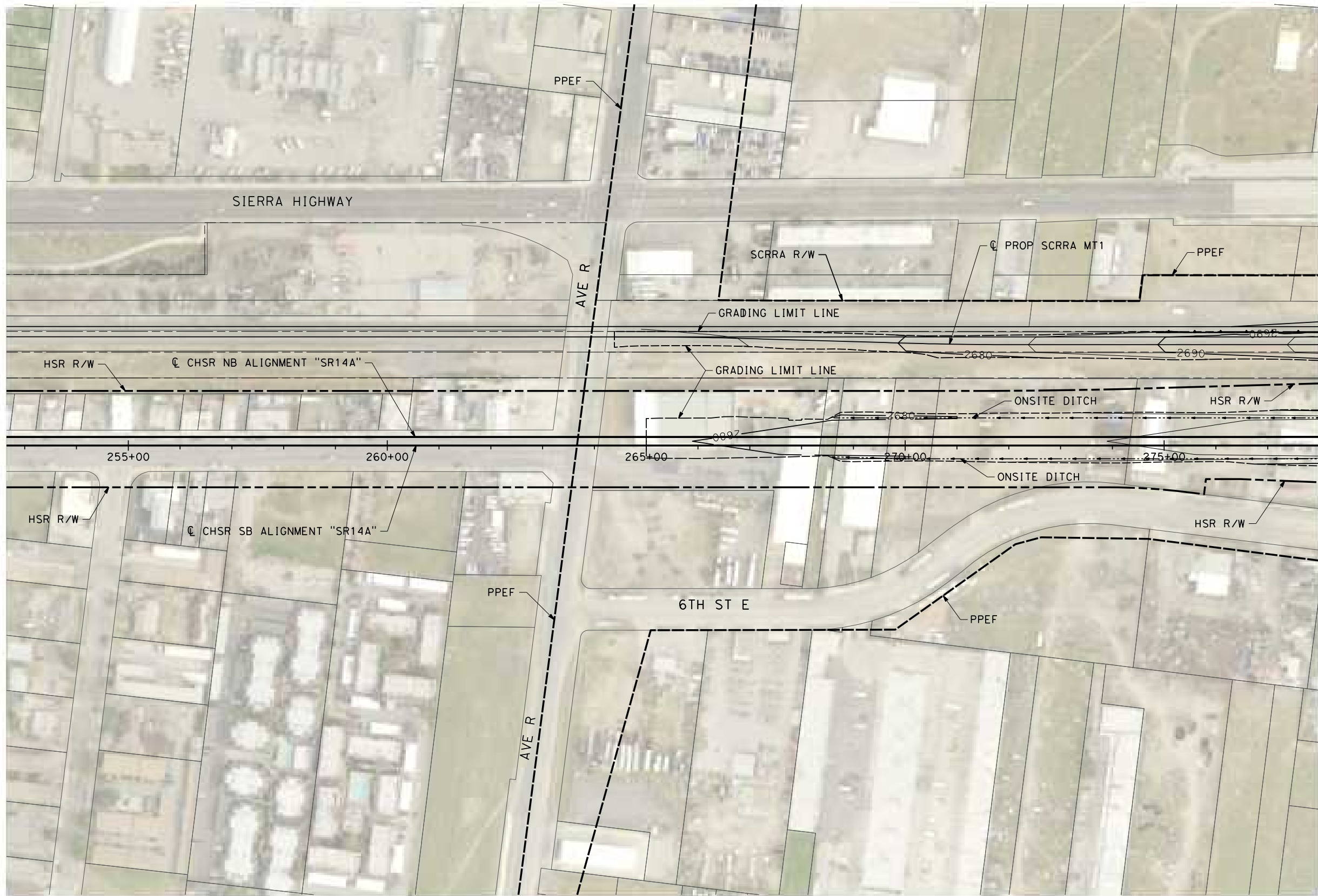
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "SR14A"  
GRADING AND DRAINAGE PLAN  
KEY MAP

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-B0002-14A  
SCALE  
AS SHOWN  
SHEET NO.

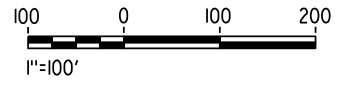
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3/9/2021 4:58:45 PM

0400074



MATCH LINE (CV-G4002-14A)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELAÑO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



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

ALIGNMENT "SR14A"

GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42

DRAWING NO.  
CV-G4001-14A

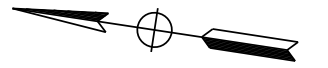
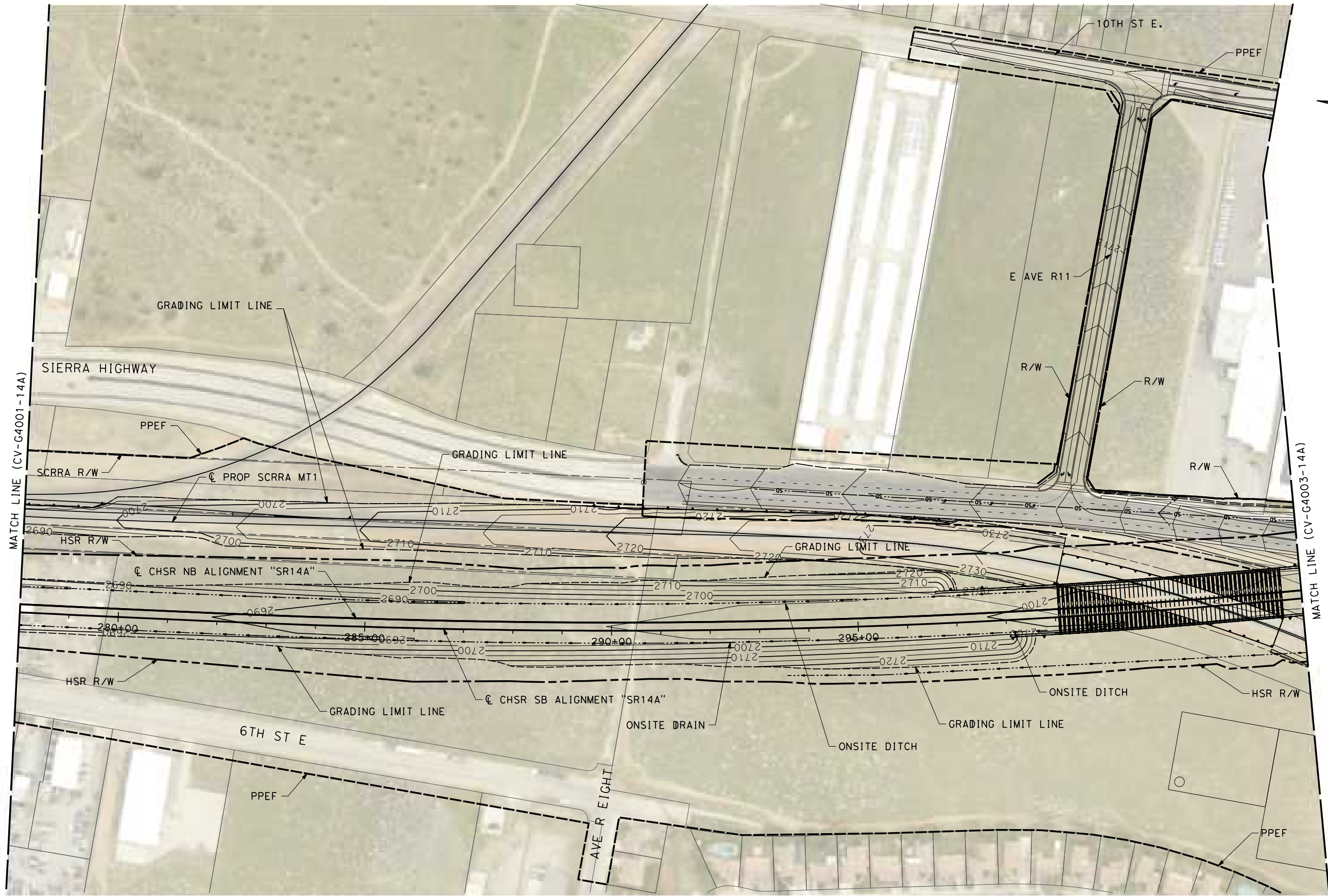
SCALE  
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SHEET NO.

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3/9/2021 4:58:51 PM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



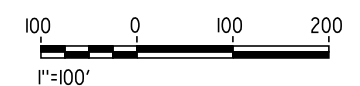
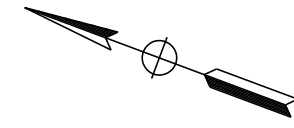
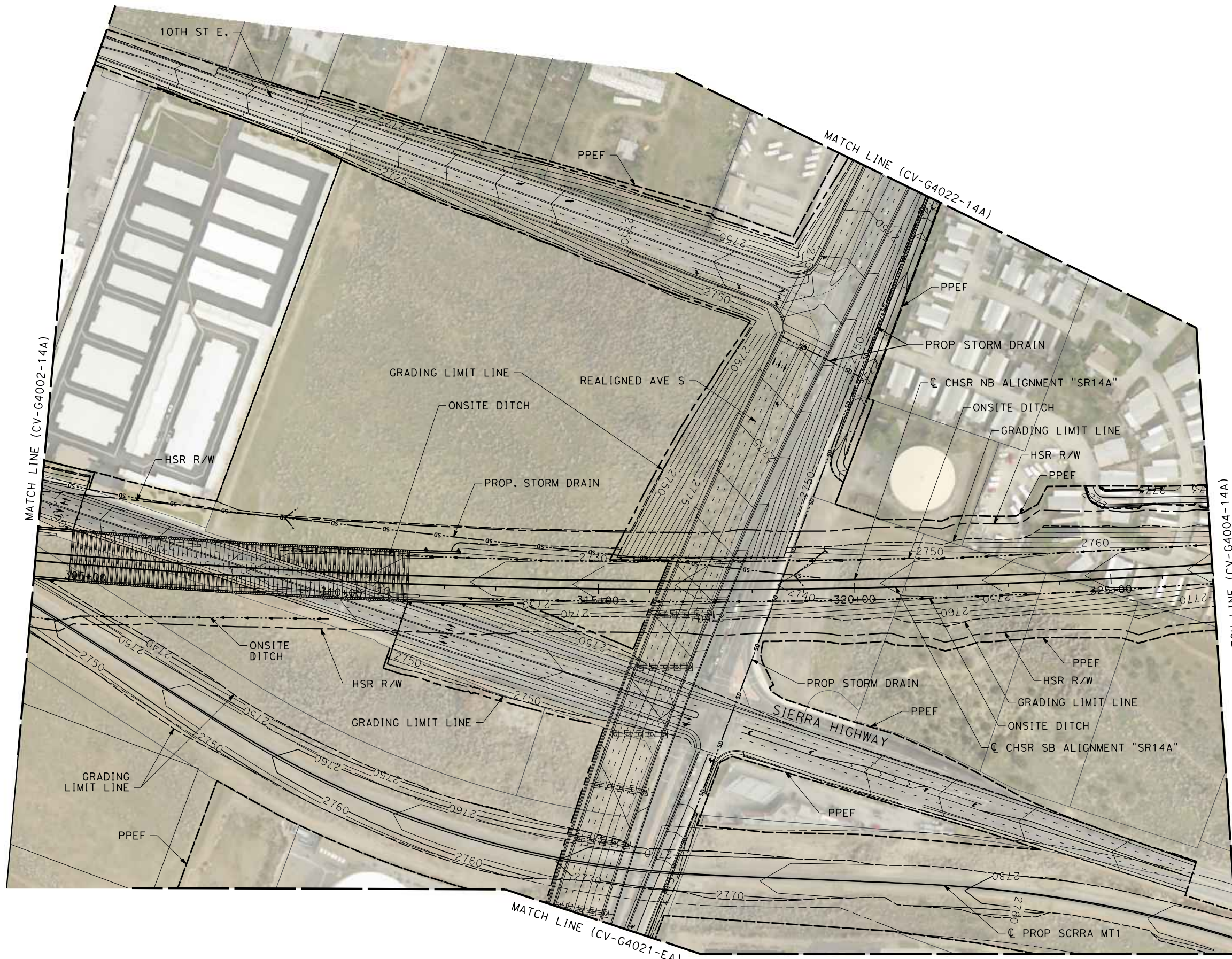
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "SR14A"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-G4002-14A  
SCALE  
AS SHOWN  
SHEET NO.

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5/4/2023 11:41:15 AM

04Z0008



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
DRAWN BY  
**F. VASQUEZ**  
CHECKED BY  
**J. LAQUIDAIN**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/28/2023**

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A  
  
NOT FOR  
CONSTRUCTION**

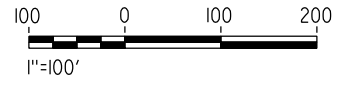
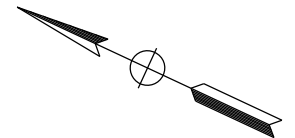
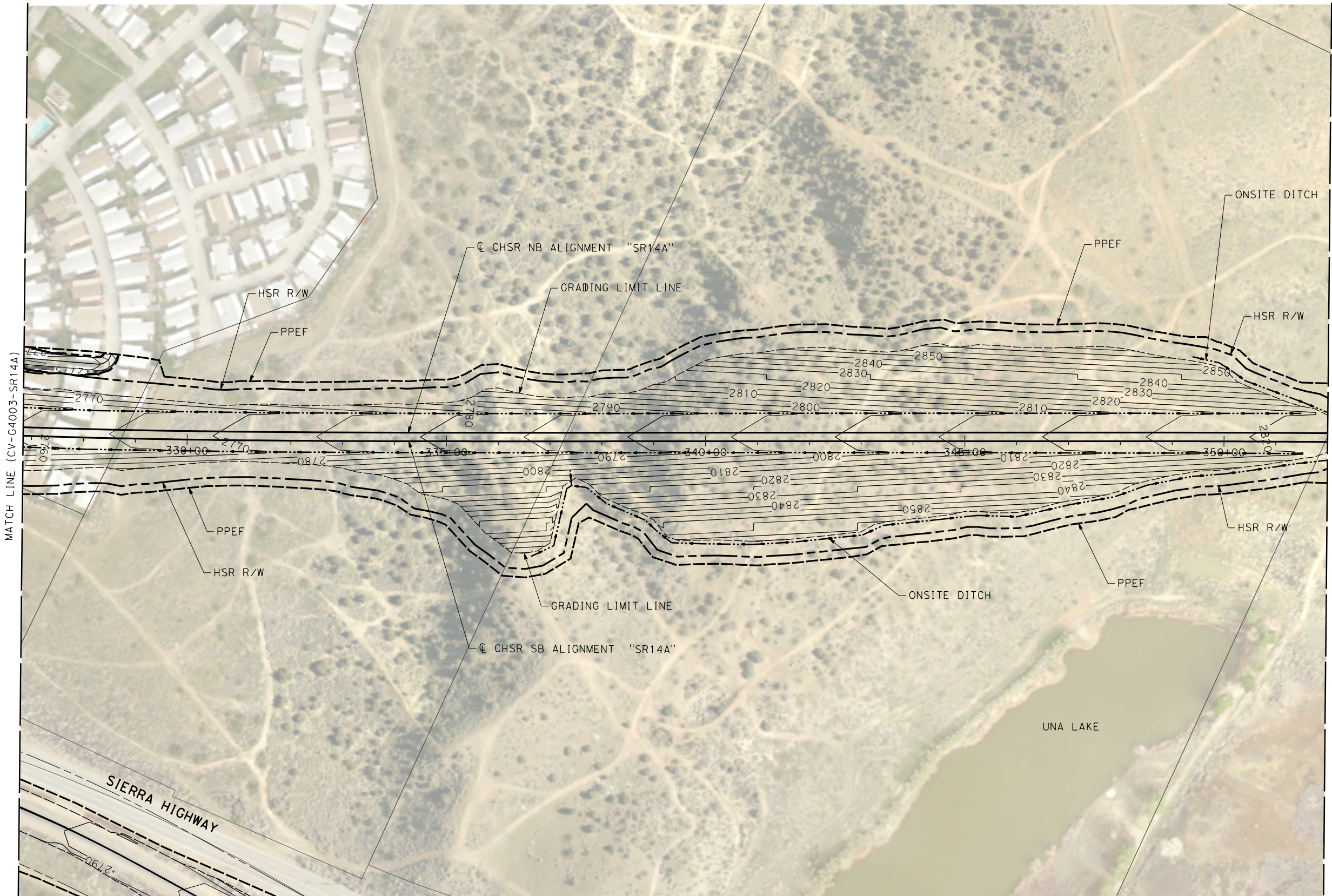


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK  
ALIGNMENT "SR14A"  
GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
DRAWING NO.  
**CV-G4003-14A**  
SCALE  
**AS SHOWN**  
SHEET NO.



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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**02/26/2021**

**PEPD RECORD SET  
 ADDENDUM  
 SR14A/E1A/E2A**  
  
**NOT FOR  
 CONSTRUCTION**



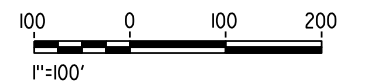
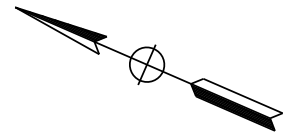
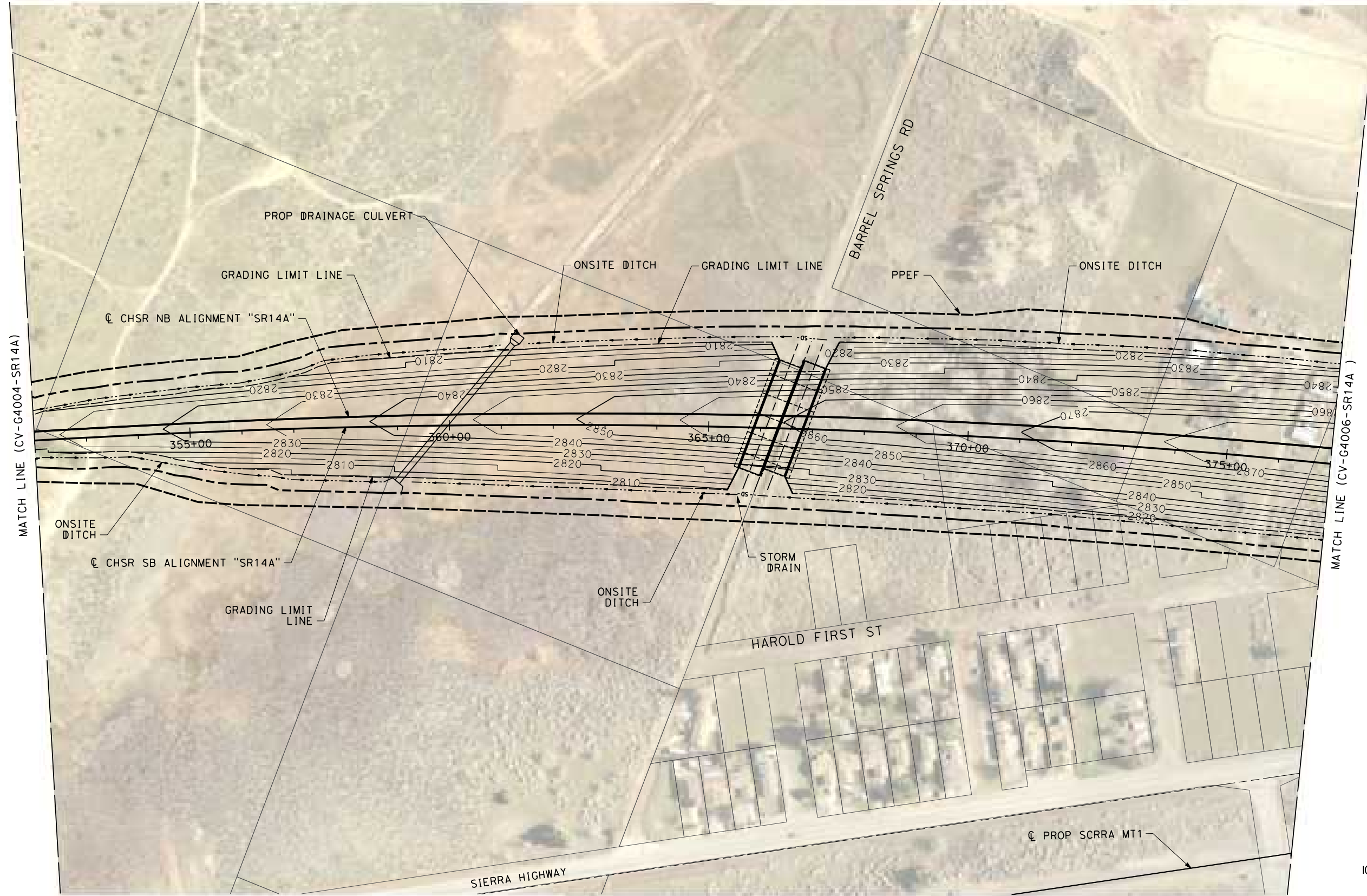
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK  
 ALIGNMENT "SR14A"**  
  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4004-14A**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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3/9/2021 4:59:11 PM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



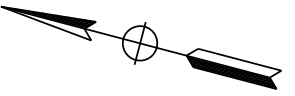
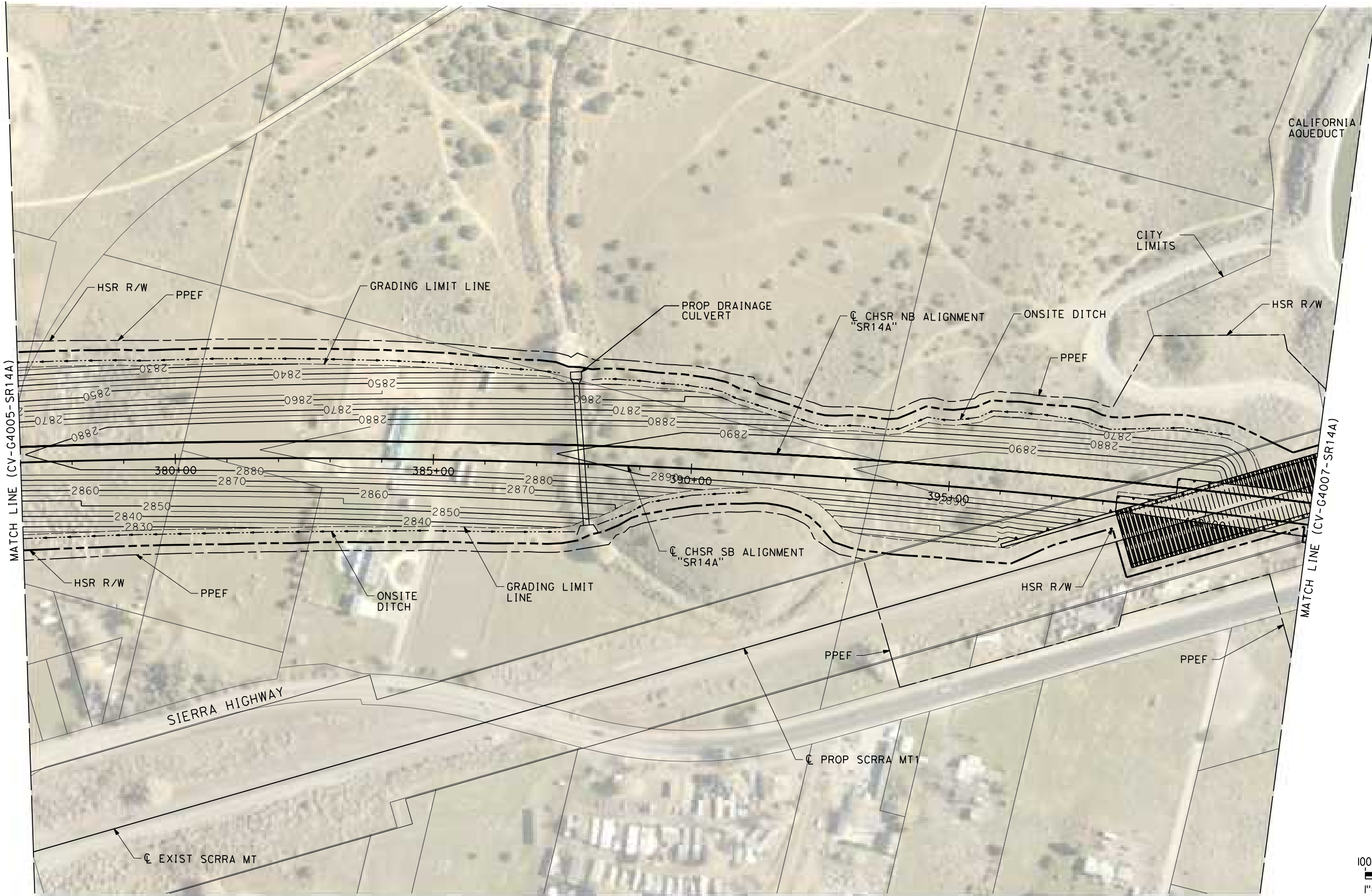
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "SR14A"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-G4005-14A  
SCALE  
AS SHOWN  
SHEET NO.

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3/9/2021 4:59:18 PM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

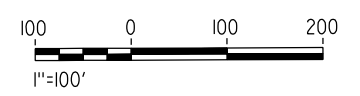
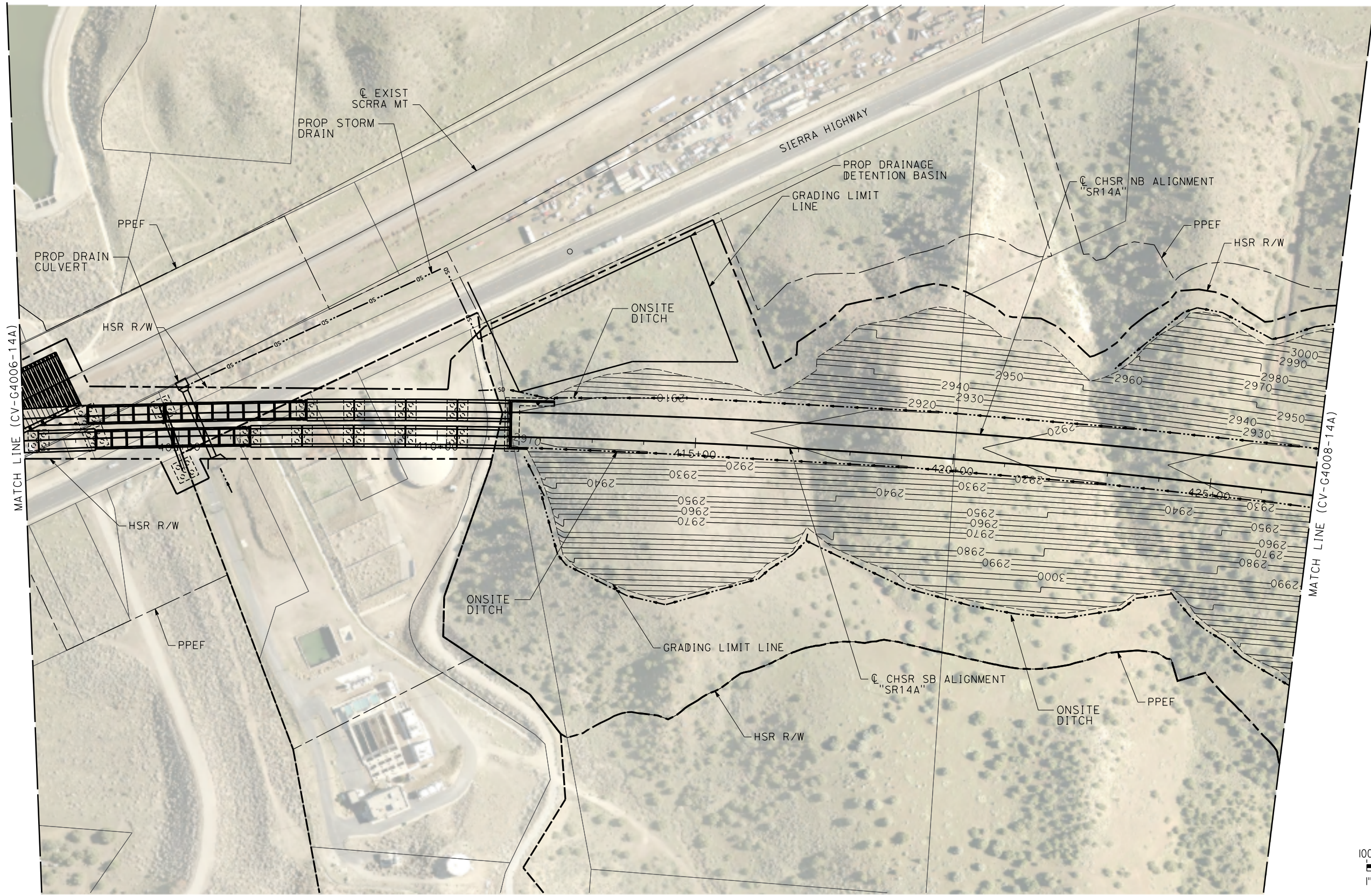
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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "SR14A"  
GRADING AND DRAINAGE PLAN

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

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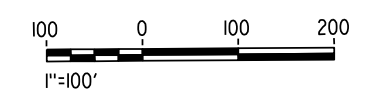
DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**02/26/2021**

**PEPD RECORD SET  
 ADDENDUM  
 SR14A/E1A/E2A**  
**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "SR14A"  
 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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3/9/2021 4:59:31 PM

0400074

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



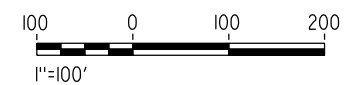
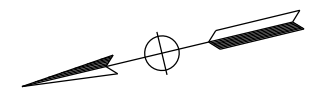
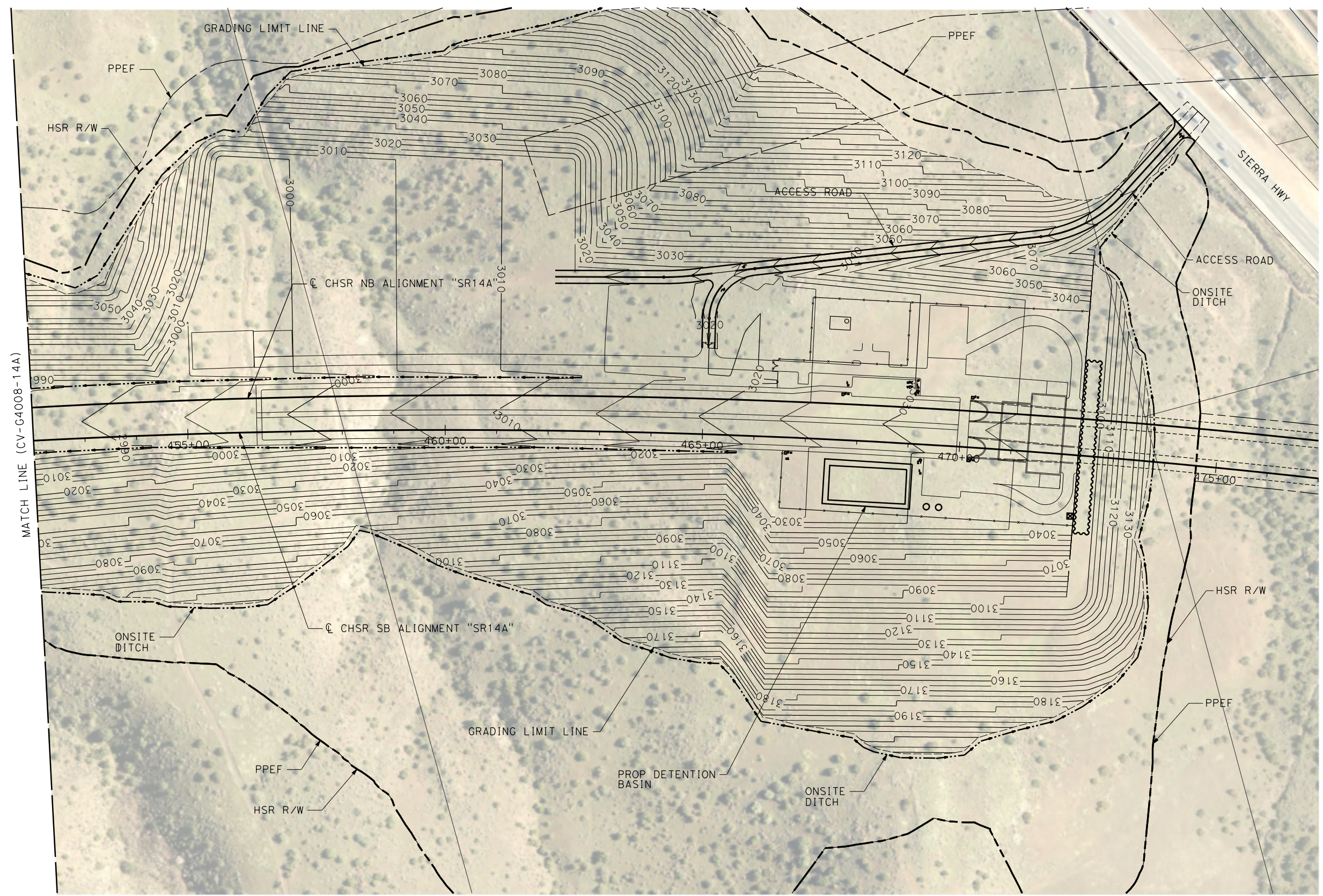
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**

ALIGNMENT "SR14A"

GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-G4008-14A  
SCALE  
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SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**02/26/2021**

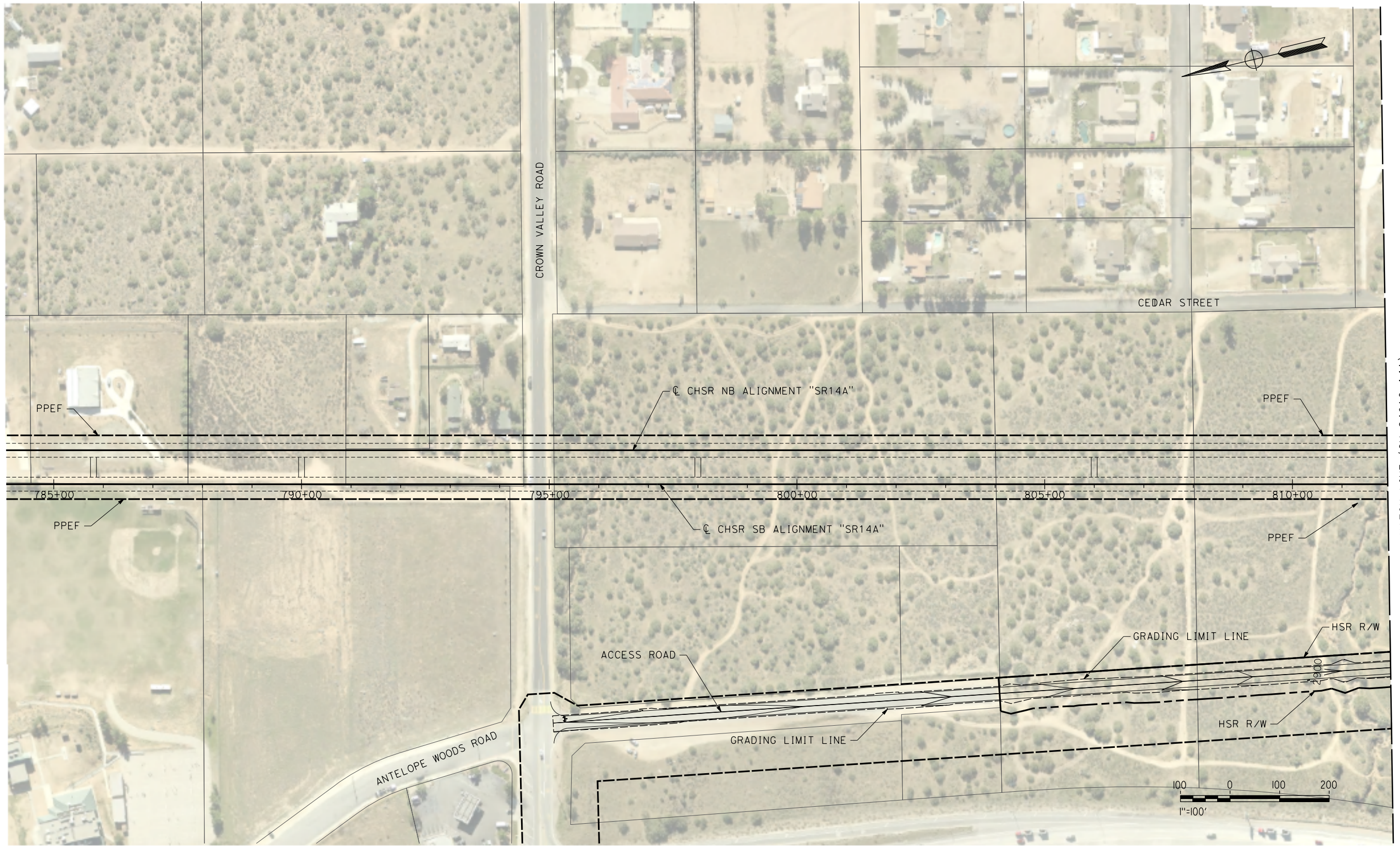
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**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK  
 ALIGNMENT "SR14A"**  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
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 SHEET NO.

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MATCH LINE (CV-G4010-14A)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**02/26/2021**

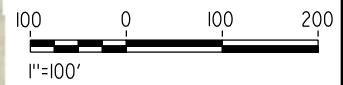
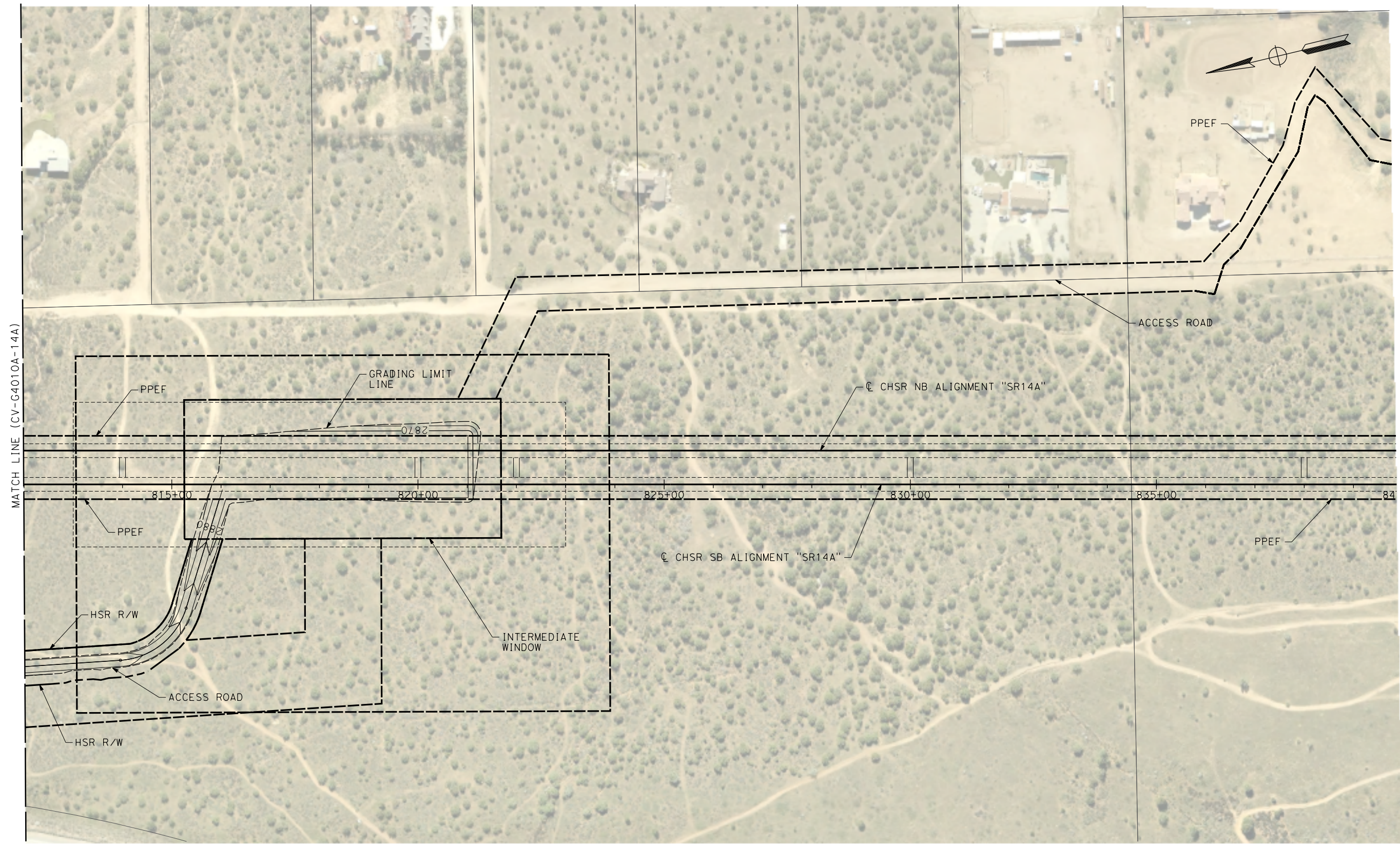
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**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK  
 ALIGNMENT "SR14A"**  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4010A-14A**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**02/26/2021**

**PEPD RECORD SET  
 ADDENDUM  
 SR14A/E1A/E2A**  
**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK  
 ALIGNMENT "SR14A"**  
 GRADING AND DRAINAGE PLAN

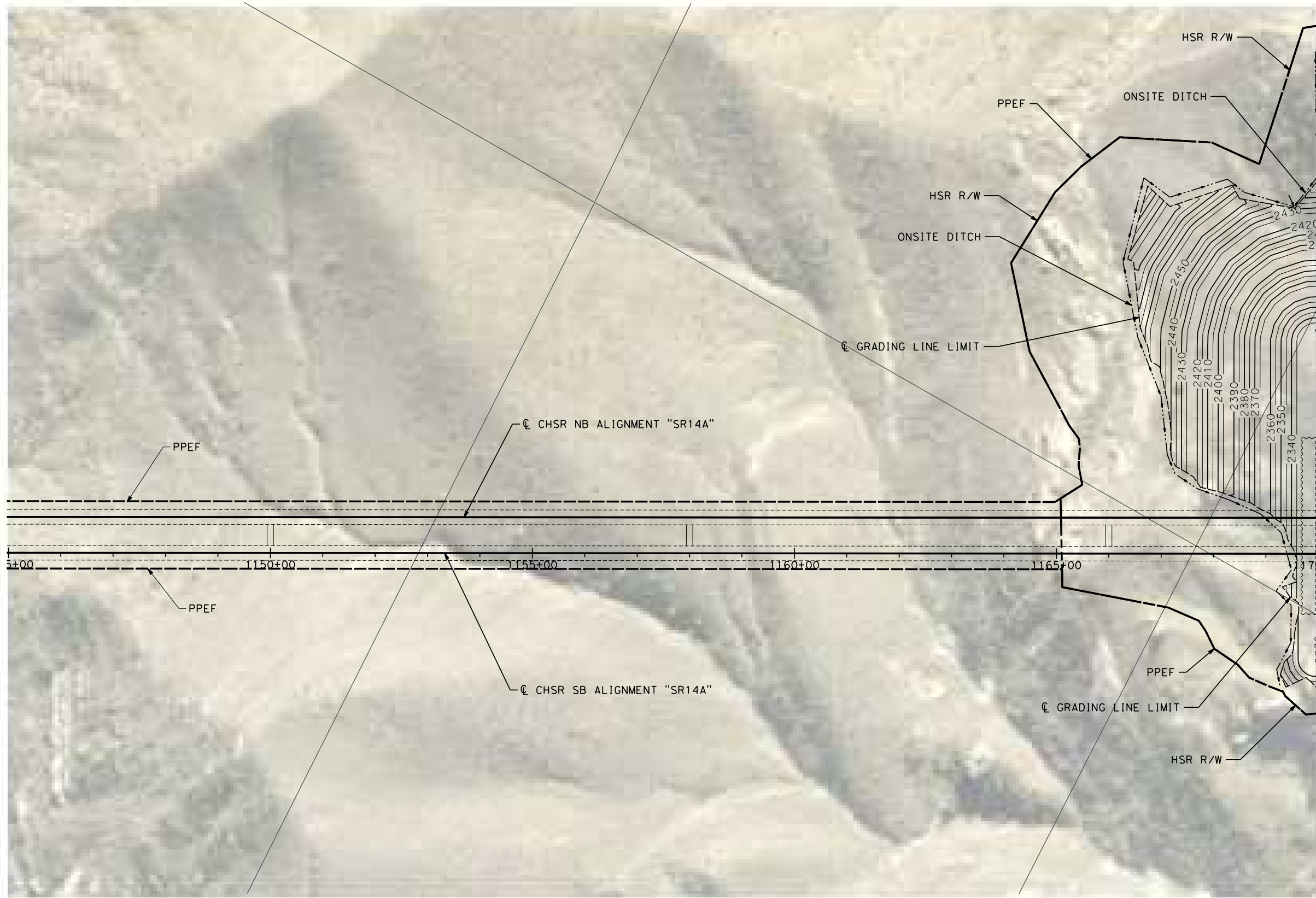
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3/9/2021 4:59:56 PM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "SR14A"

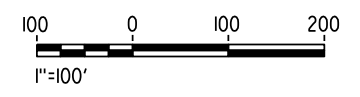
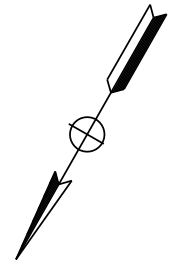
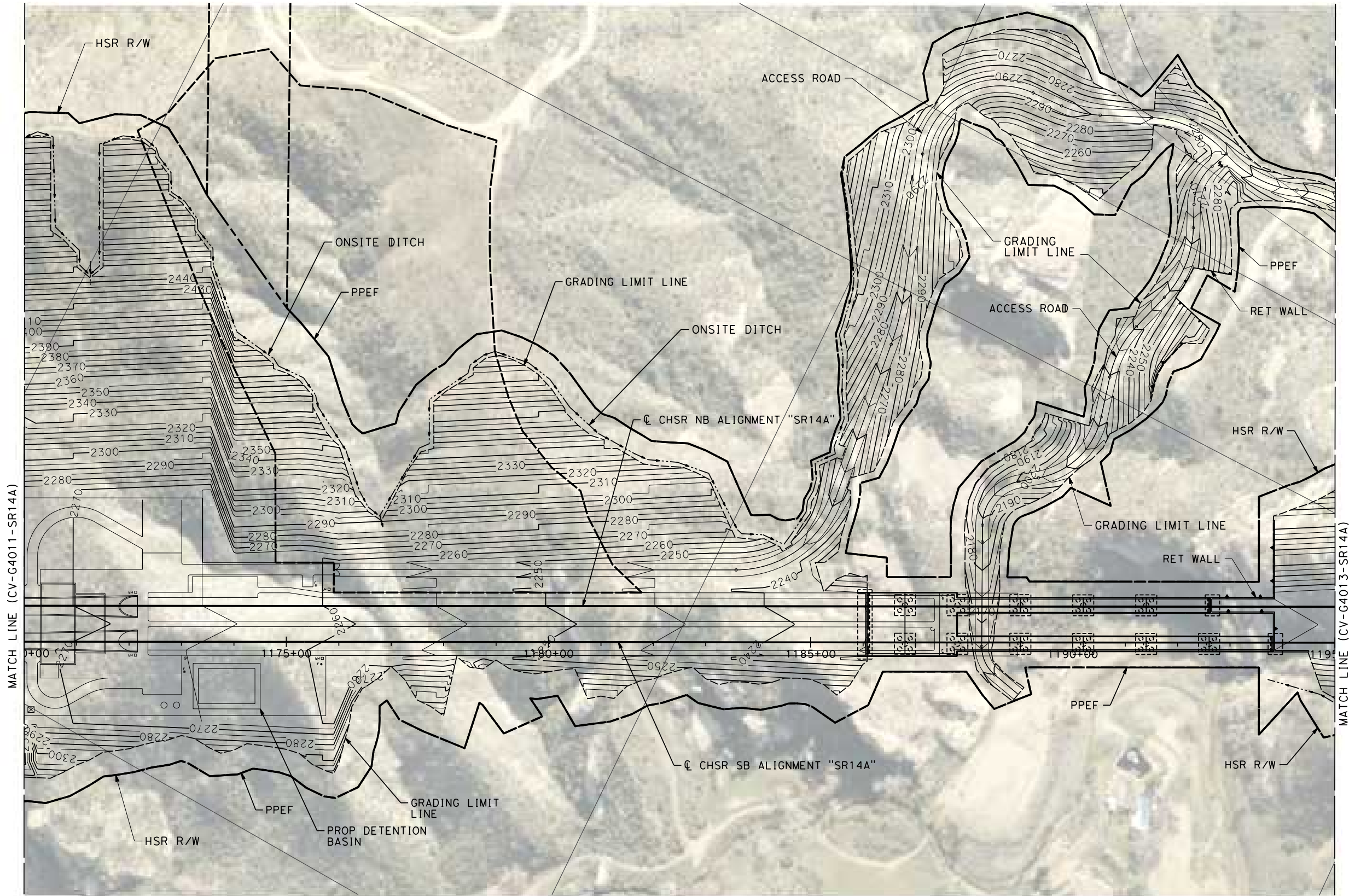
GRADING AND DRAINAGE PLAN

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

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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK  
ALIGNMENT "SR14A"**

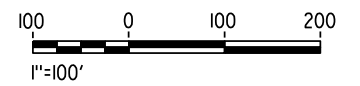
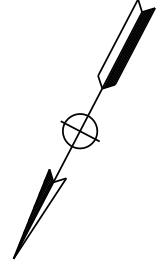
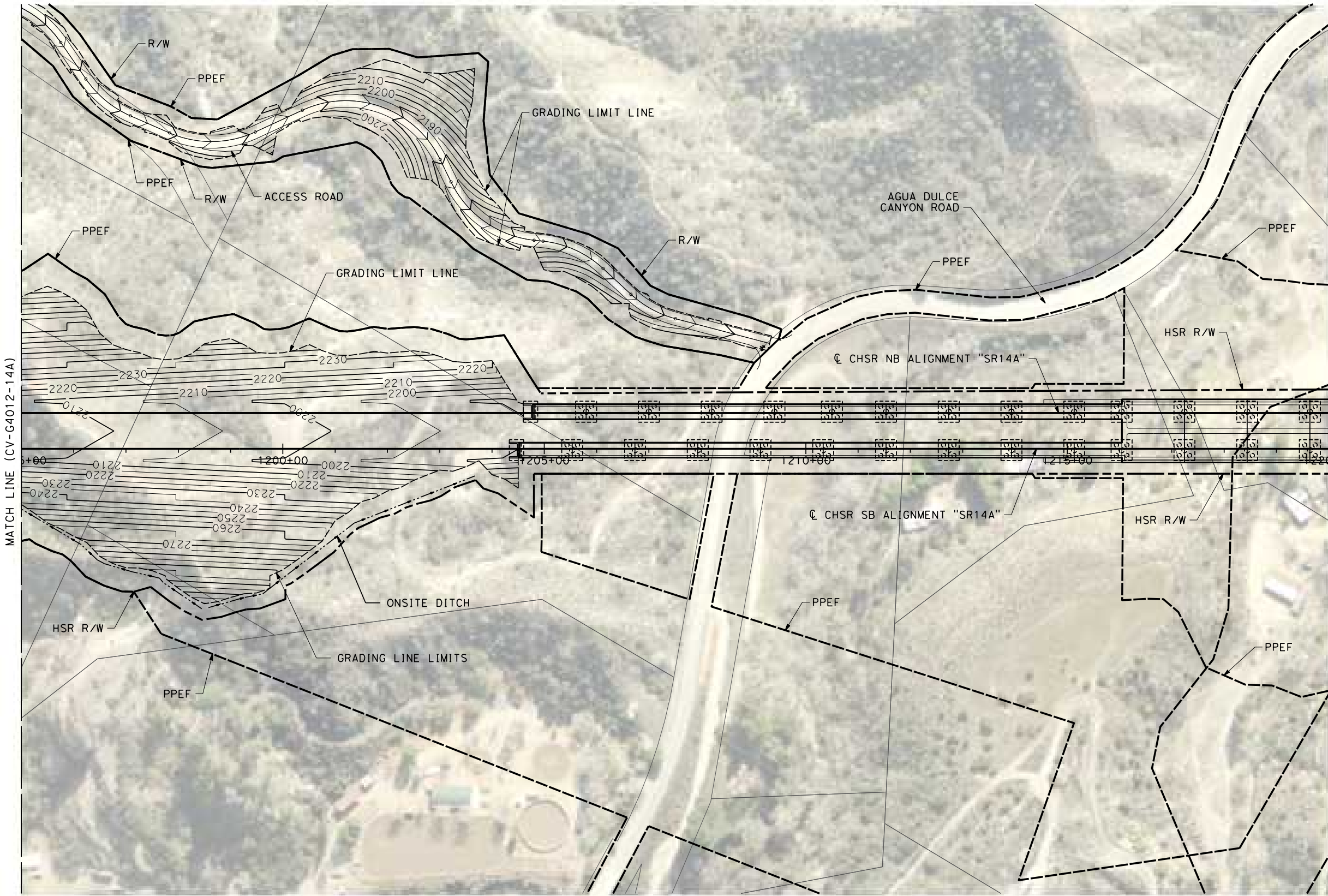
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**

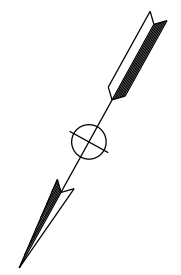
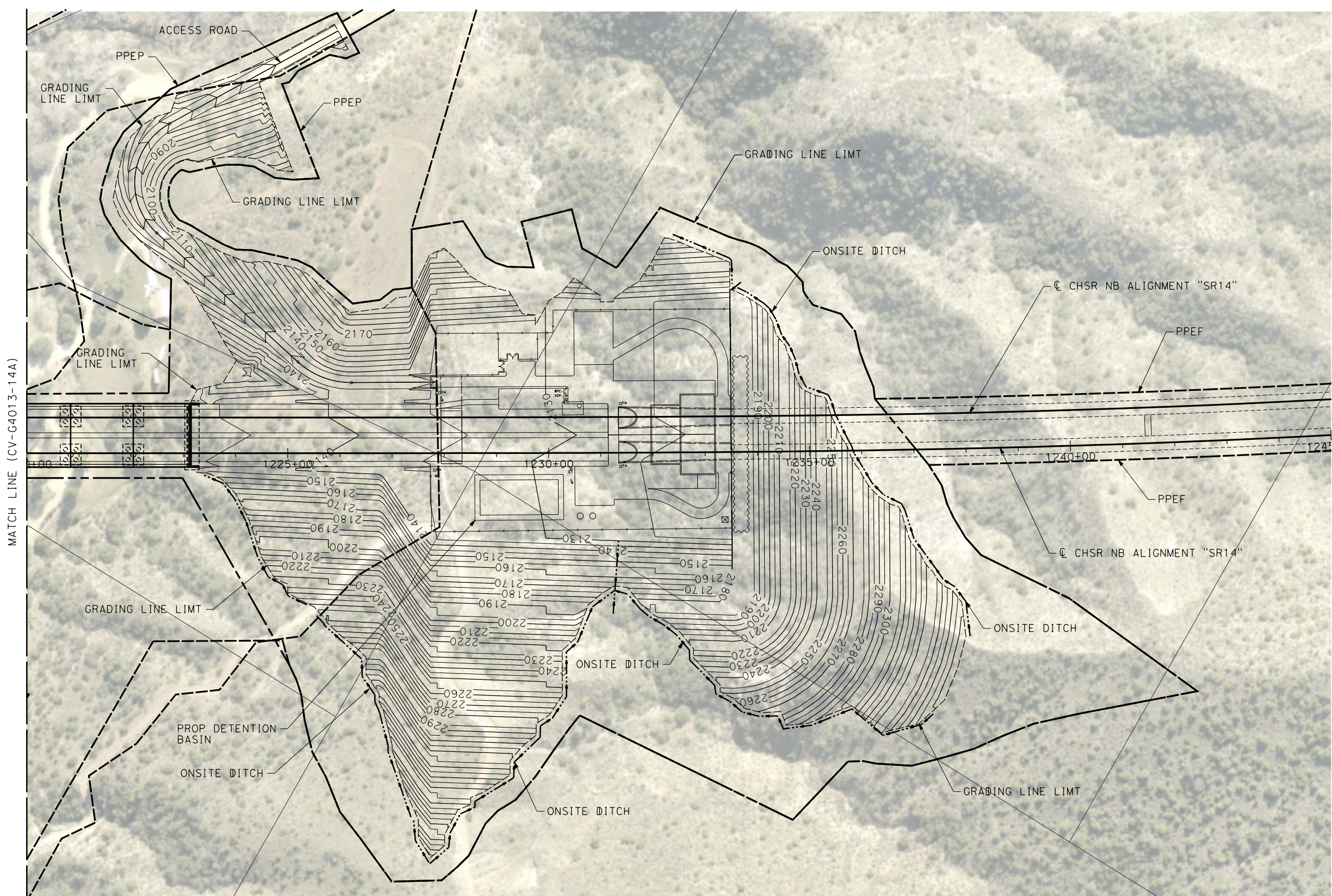


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK  
ALIGNMENT "SR14A"**

GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-G4013-14A  
SCALE  
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SHEET NO.

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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**08/04/2020**

**PEPD RECORD SET  
 ADDENDUM  
 SR14A/E1A/E2A**  
**NOT FOR  
 CONSTRUCTION**



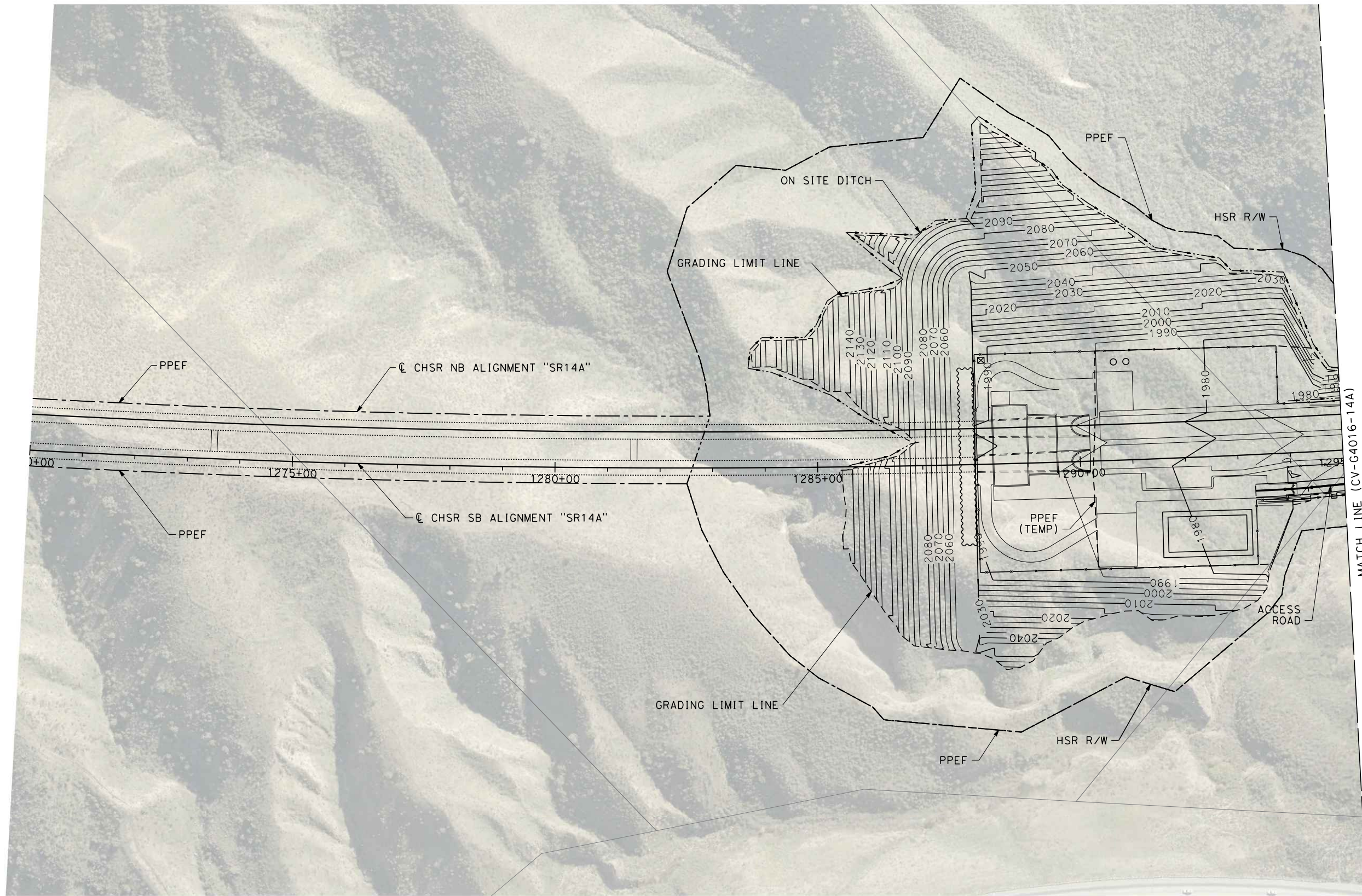
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK  
 ALIGNMENT "SR14A"**  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4014-14A**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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11/8/2023 4:15:11 PM

04Z0008



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
R.RODRIGUEZ  
IN CHARGE  
A.RELANO  
DATE  
10/31/2023

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**  
  
**NOT FOR  
CONSTRUCTION**



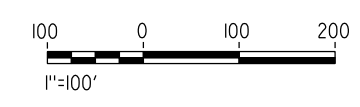
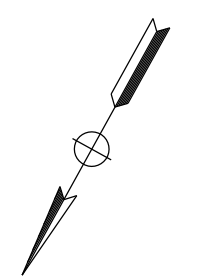
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PALMDALE TO BURBANK**  
ALIGNMENT "SR14A"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-G4015-14A  
SCALE  
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SHEET NO.

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2/8/2024 11:24:11 PM

04Z0008



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
R.RODRIGUEZ  
IN CHARGE  
A.RELANO  
DATE  
02/07/2024

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



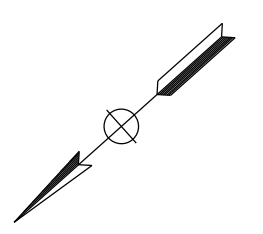
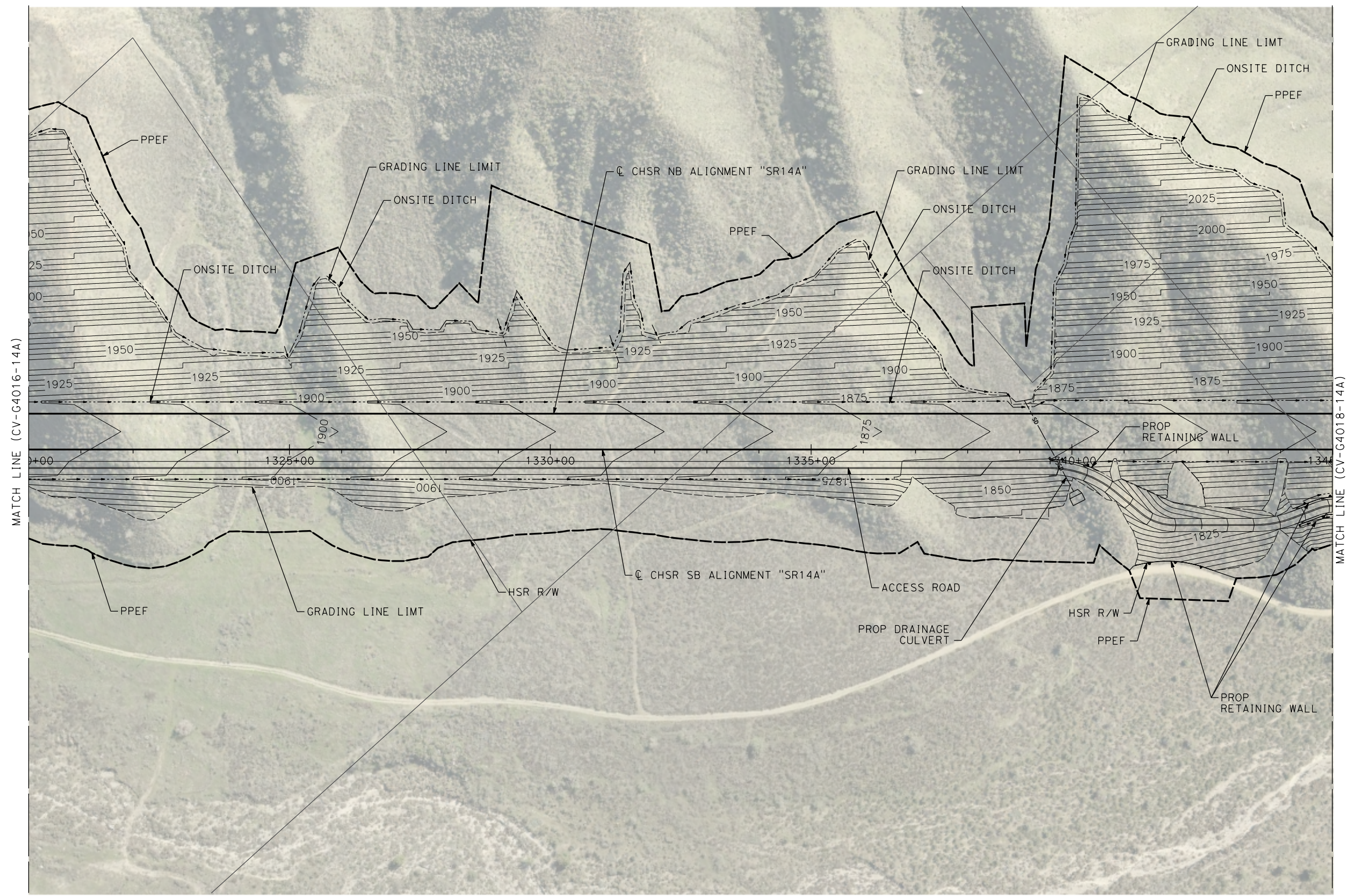
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "SR14A"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-G4016-14A  
SCALE  
AS SHOWN  
SHEET NO.

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2/8/2024 11:19:43 PM

04Z0008



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
D.CORDOBA  
DRAWN BY  
D.CORDOBA  
CHECKED BY  
R.RODRIGUEZ  
IN CHARGE  
A.RELANO  
DATE  
02/07/2024

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



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

ALIGNMENT "SR14A"

GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42

DRAWING NO.  
CV-G4017-14A

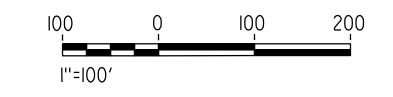
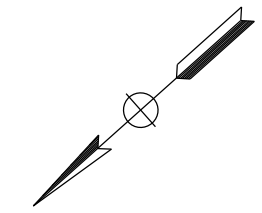
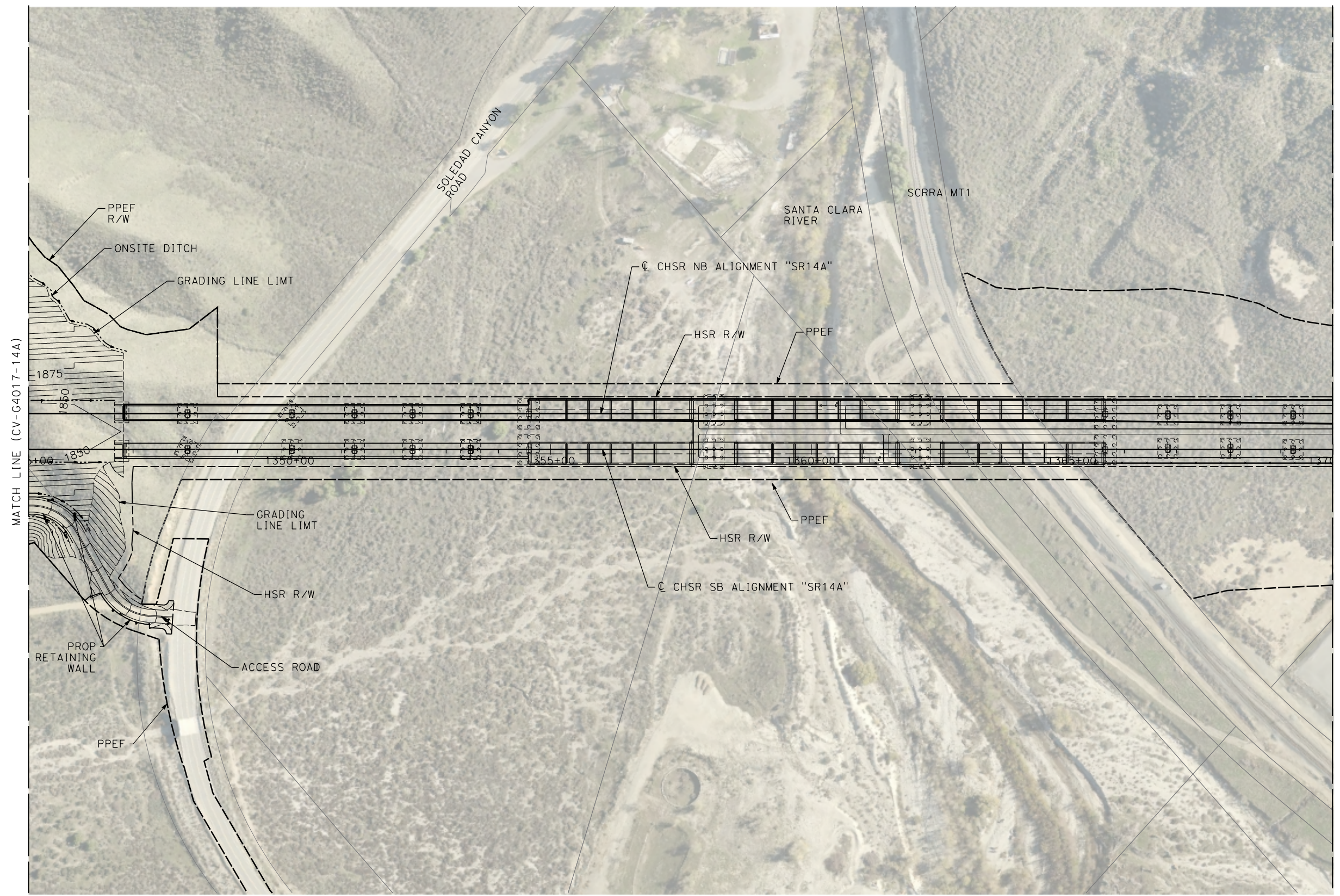
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SHEET NO.

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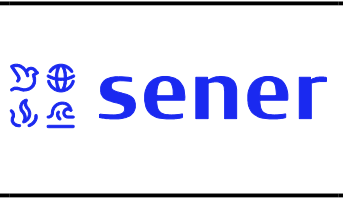


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**D.CORDOBA**  
DRAWN BY  
**D.CORDOBA**  
CHECKED BY  
**R.RODRIGUEZ**  
IN CHARGE  
**A.RELANO**  
DATE  
**10/31/2023**

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



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

ALIGNMENT "SR14A"

GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**

DRAWING NO.  
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SCALE  
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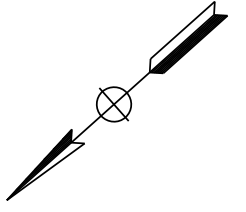
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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**

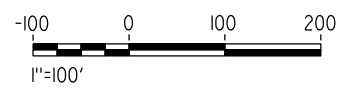
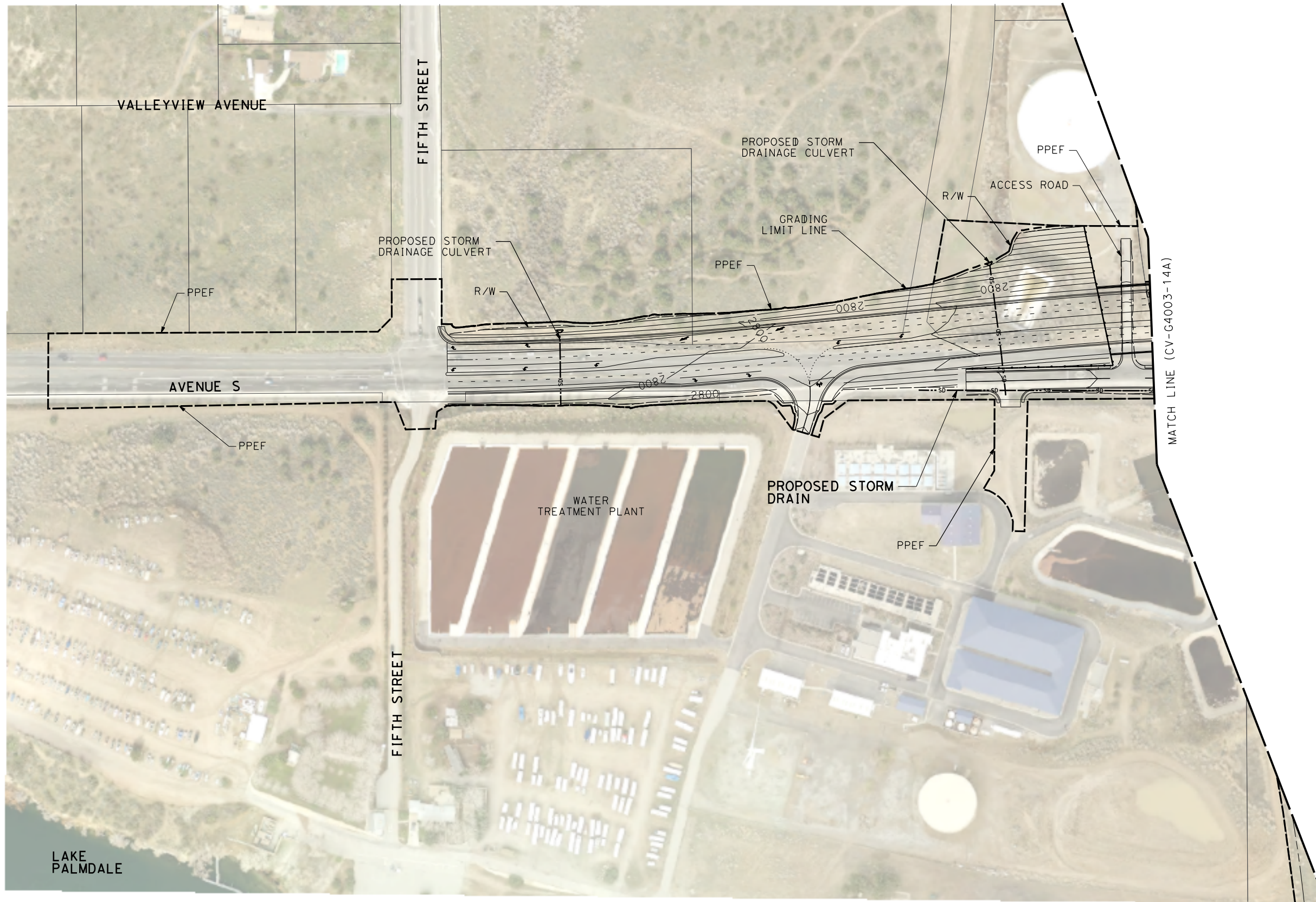


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "SR14A"

GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-G4019-14A  
SCALE  
AS SHOWN  
SHEET NO.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**02/26/2021**

**PEPD RECORD SET  
 ADDENDUM  
 SR14A/E1A/E2A**  
**NOT FOR  
 CONSTRUCTION**



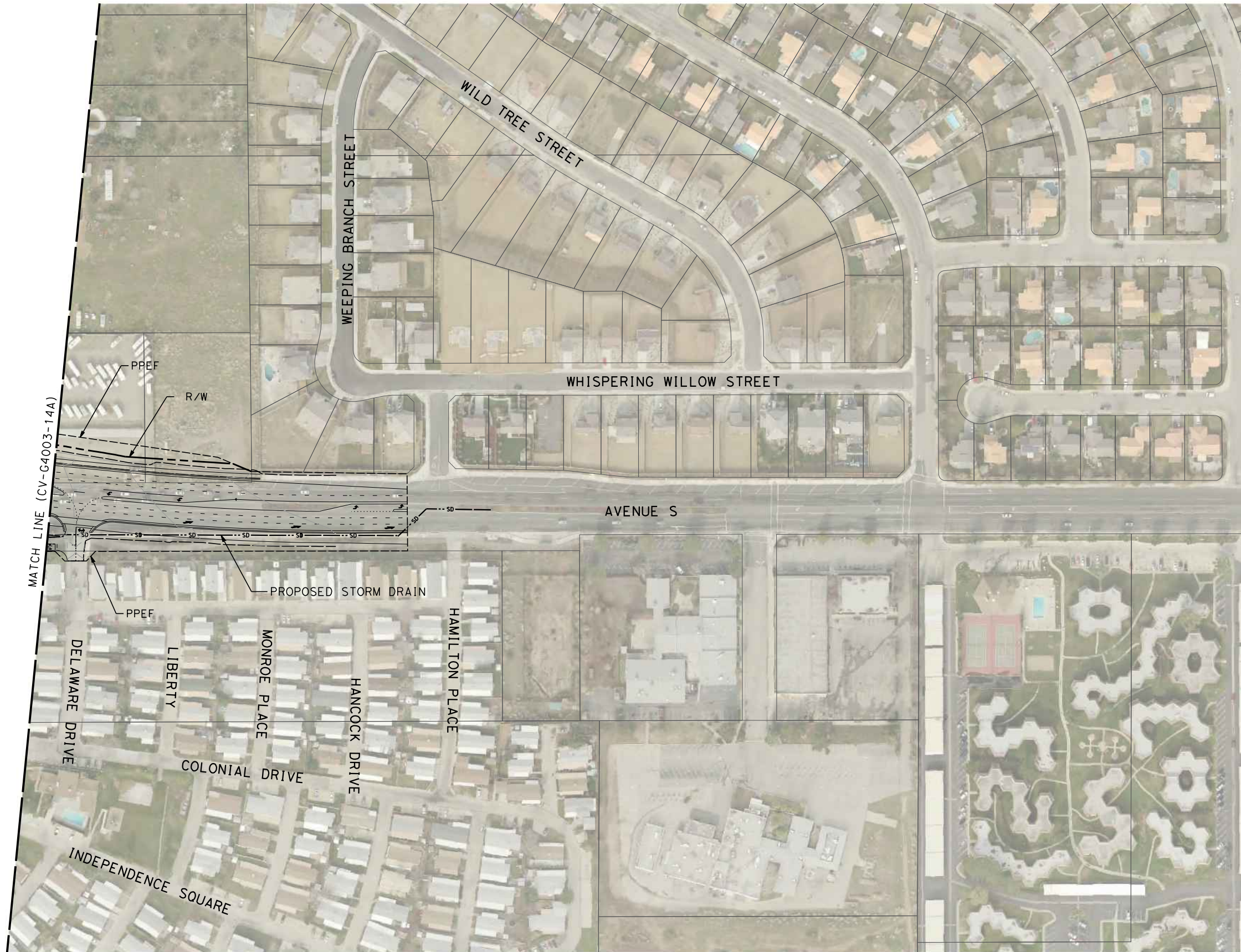
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK  
 ALIGNMENT "SR14A"**  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
**CV-G4021-14A**  
 SCALE  
**AS SHOWN**  
 SHEET NO.

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04Z0008

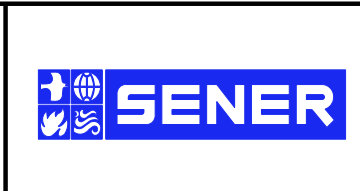


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
DRAWN BY  
**D. CORDOBA**  
CHECKED BY  
**I. LAQUIDAIN**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/28/2023**

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



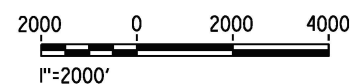
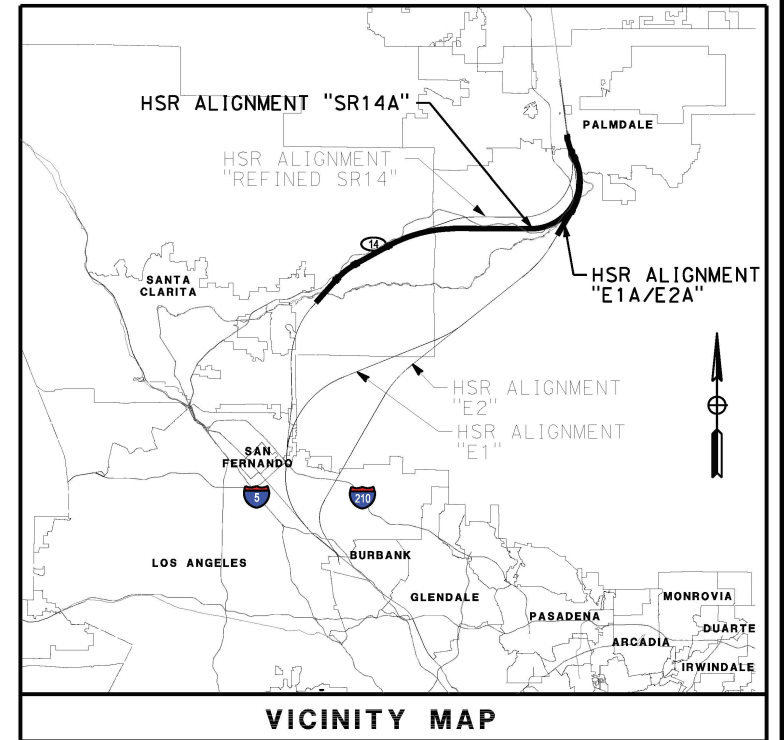
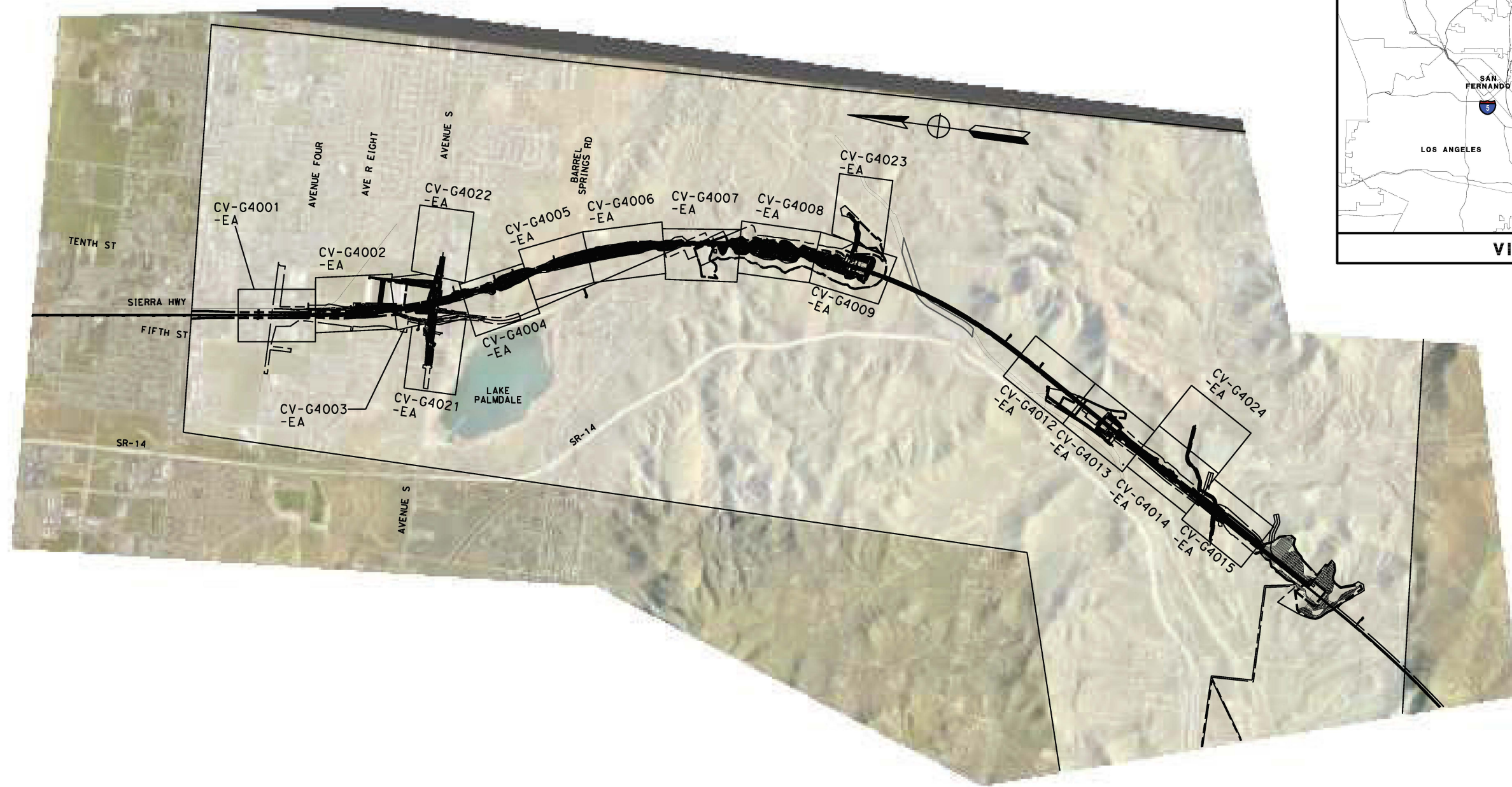
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "SR14A"  
GRADING AND DRAINAGE PLAN

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

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3/9/2021 5:01:08 PM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**

DRAWN BY  
**F. VASQUEZ**

CHECKED BY  
**R. RODRIGUEZ**

IN CHARGE  
**A. RELAÑO**

DATE  
**02/26/2021**

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**

**PALMDALE TO BURBANK**

ALIGNMENT "E1A/E2A"

GRADING AND DRAINAGE PLAN

KEY MAP

CONTRACT NO.  
HSR14-42

DRAWING NO.  
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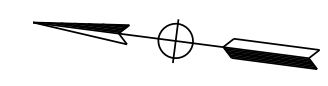
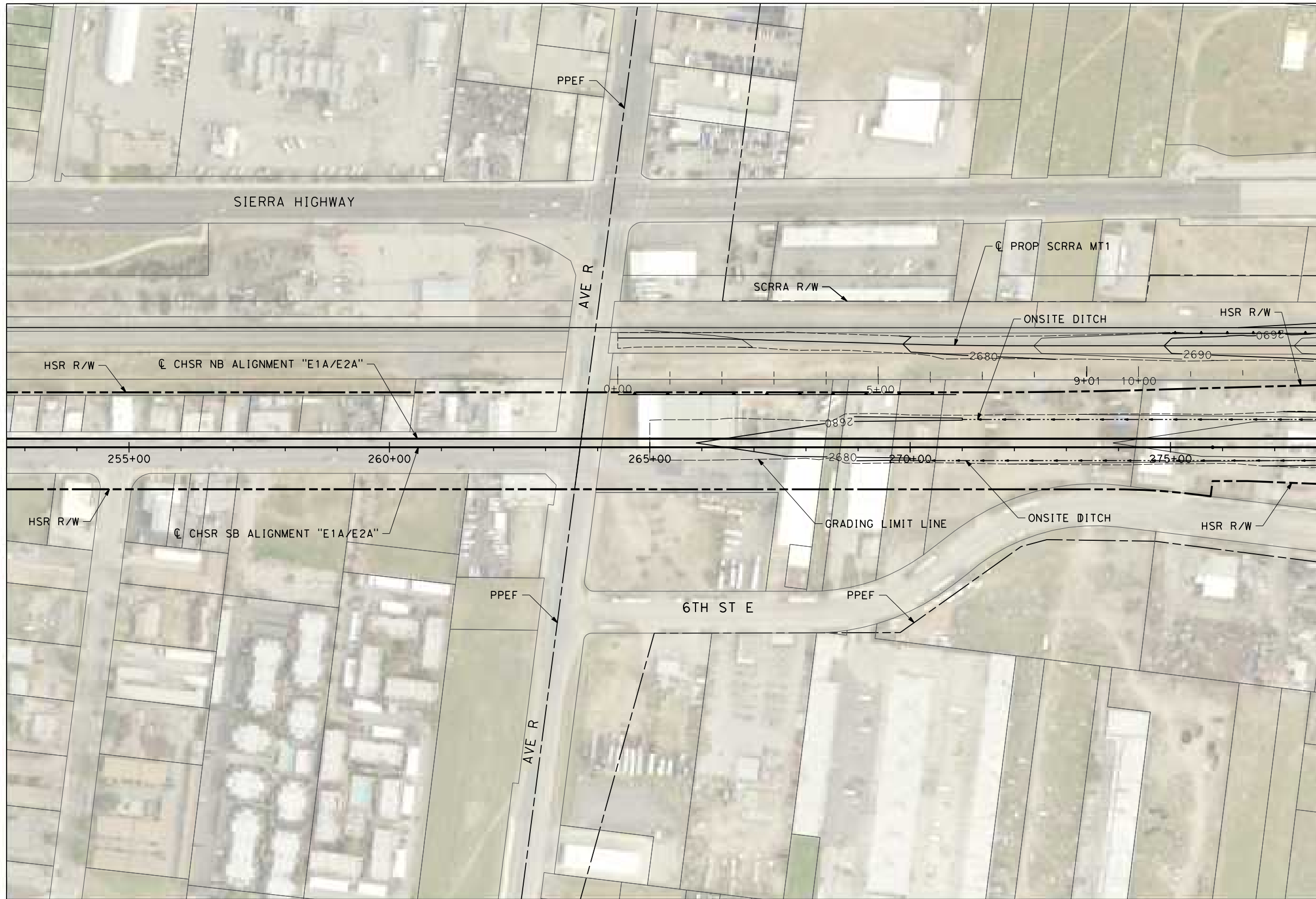
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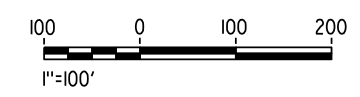
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0400074



MATCH LINE (CV-G4002-EA)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELAÑO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



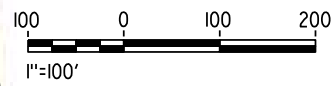
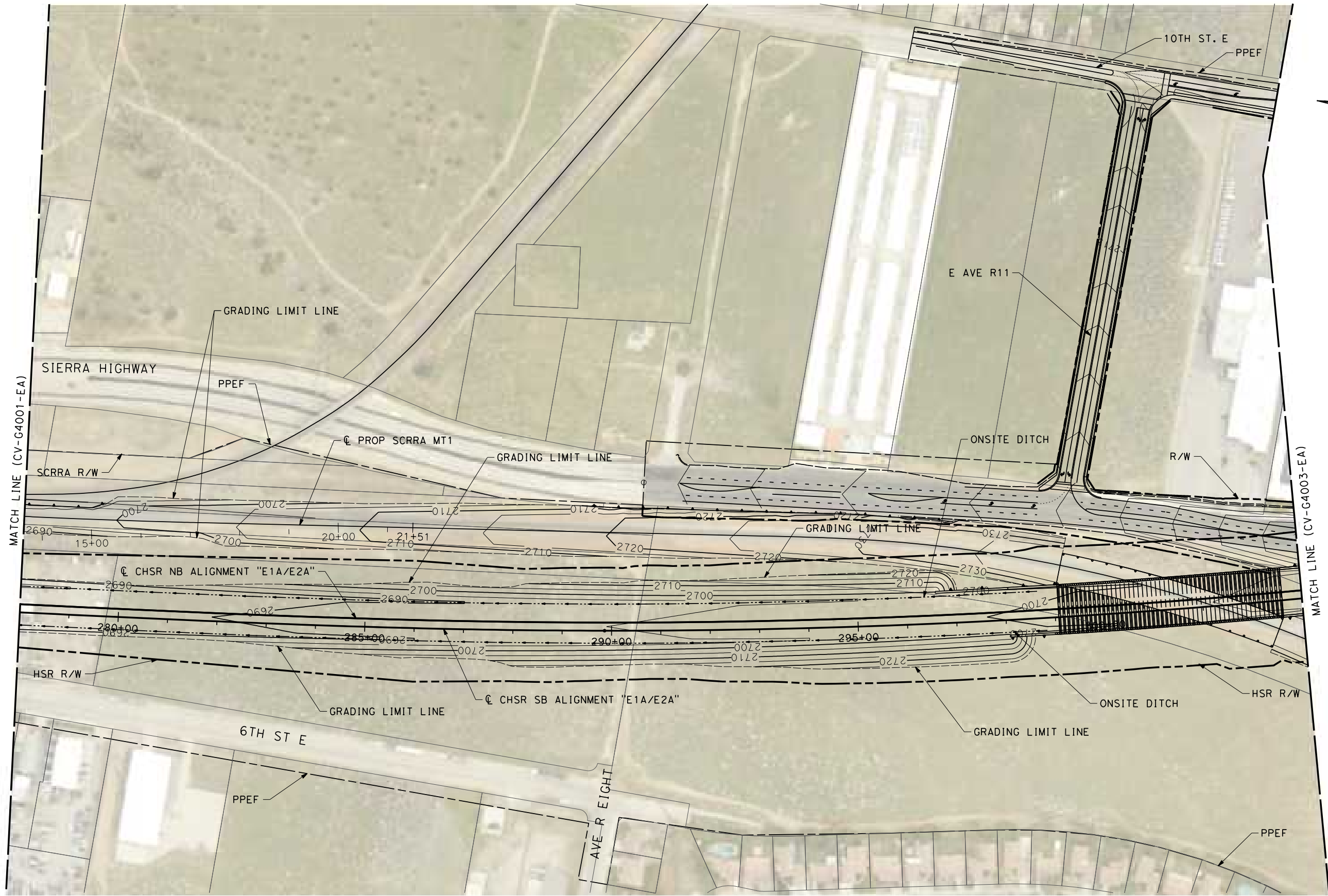
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "E1A/E2A"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-G4001-EA  
SCALE  
AS SHOWN  
SHEET NO.

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3/9/2021 5:01:22 PM

0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



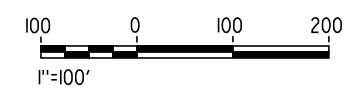
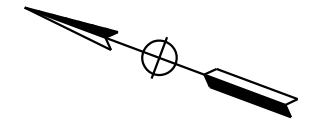
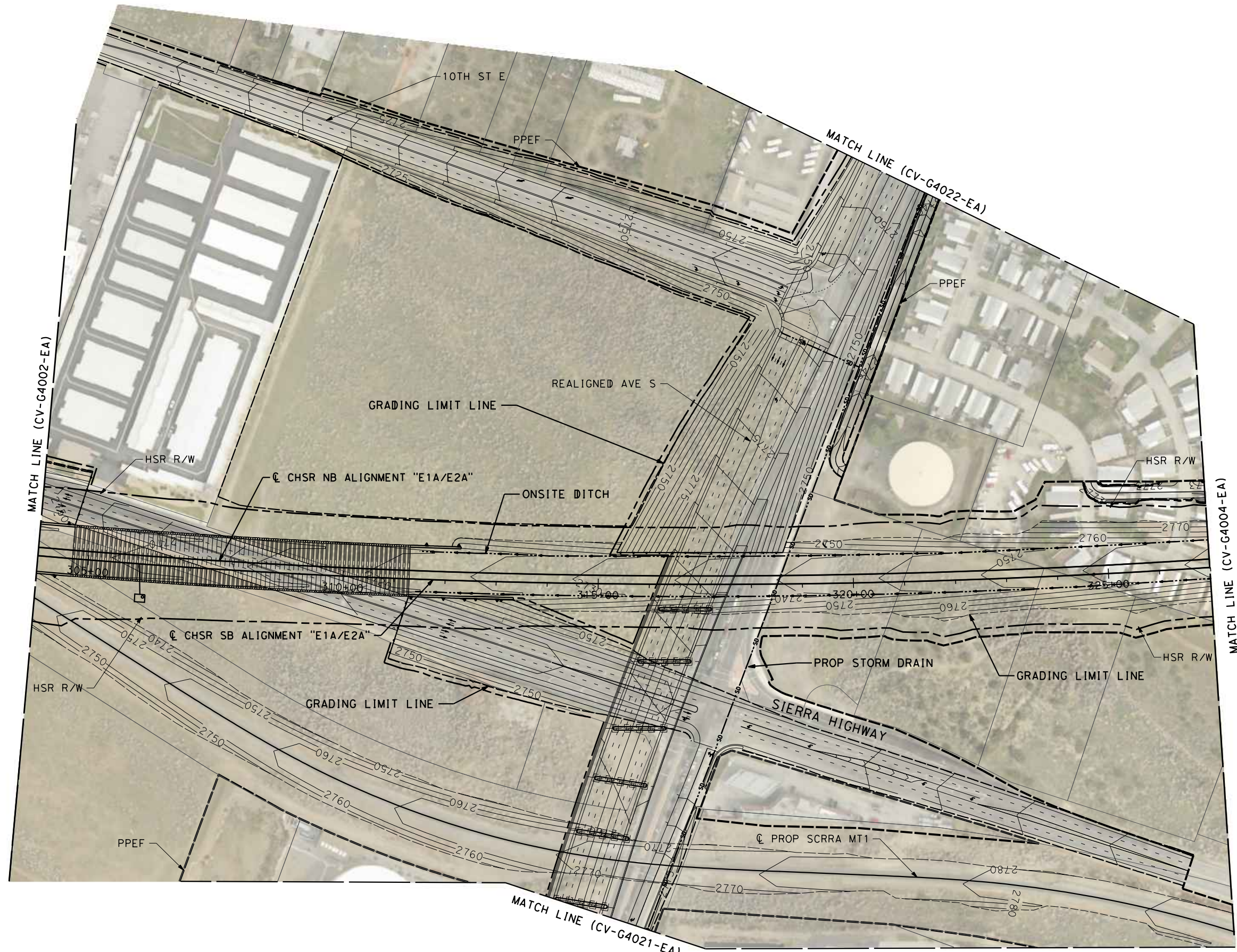
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "E1A/E2A"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
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SCALE  
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04Z0008



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
DRAWN BY  
**F. VASQUEZ**  
CHECKED BY  
**J. LAQUIDAIN**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/28/2023**

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**  
  
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CONSTRUCTION**



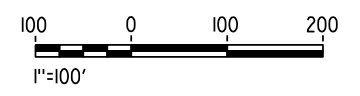
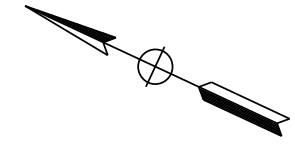
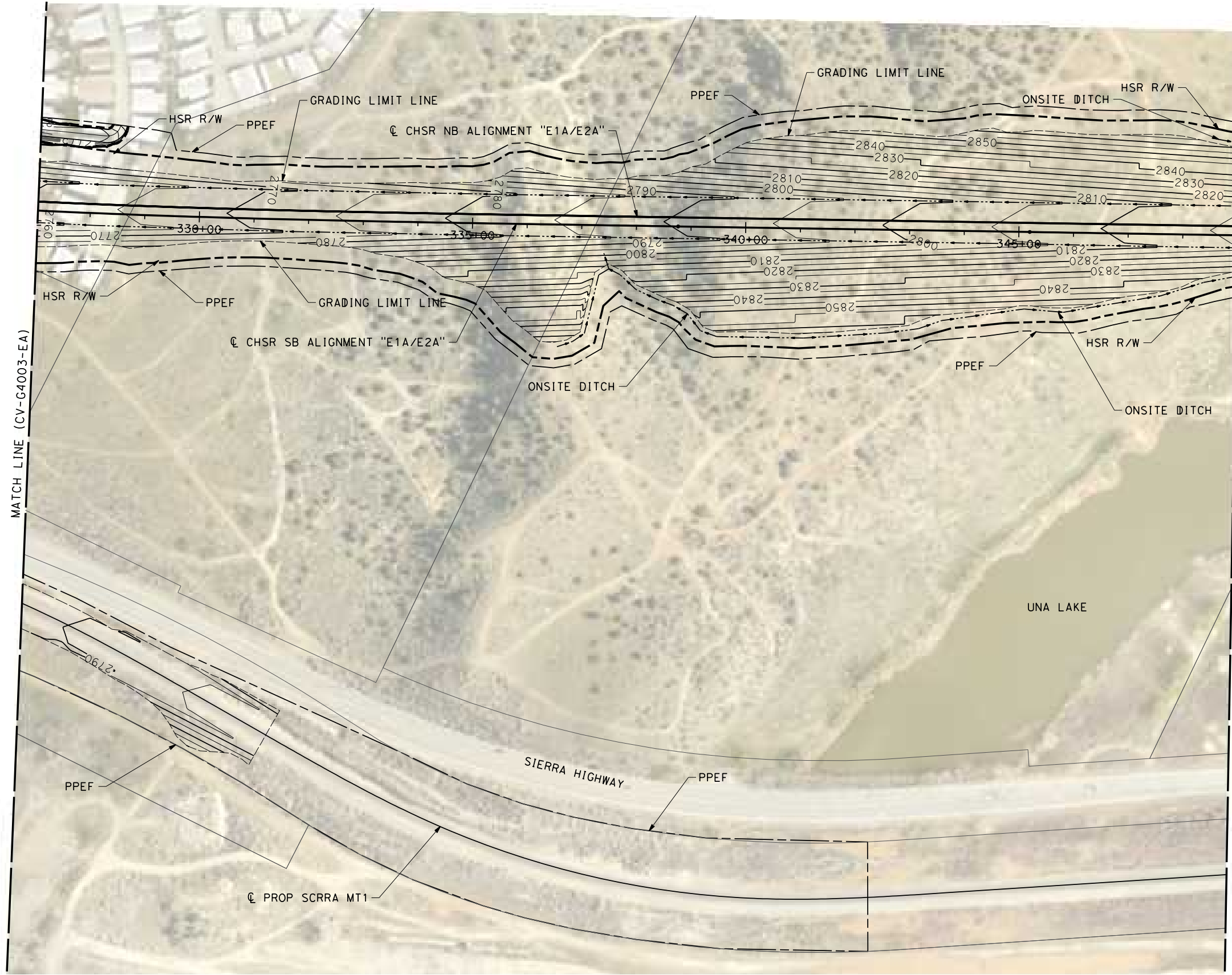
**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1A/E2A"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
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SCALE  
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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "E1A/E2A"  
GRADING AND DRAINAGE PLAN

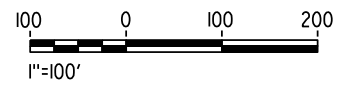
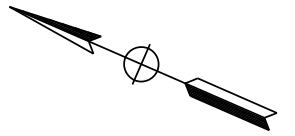
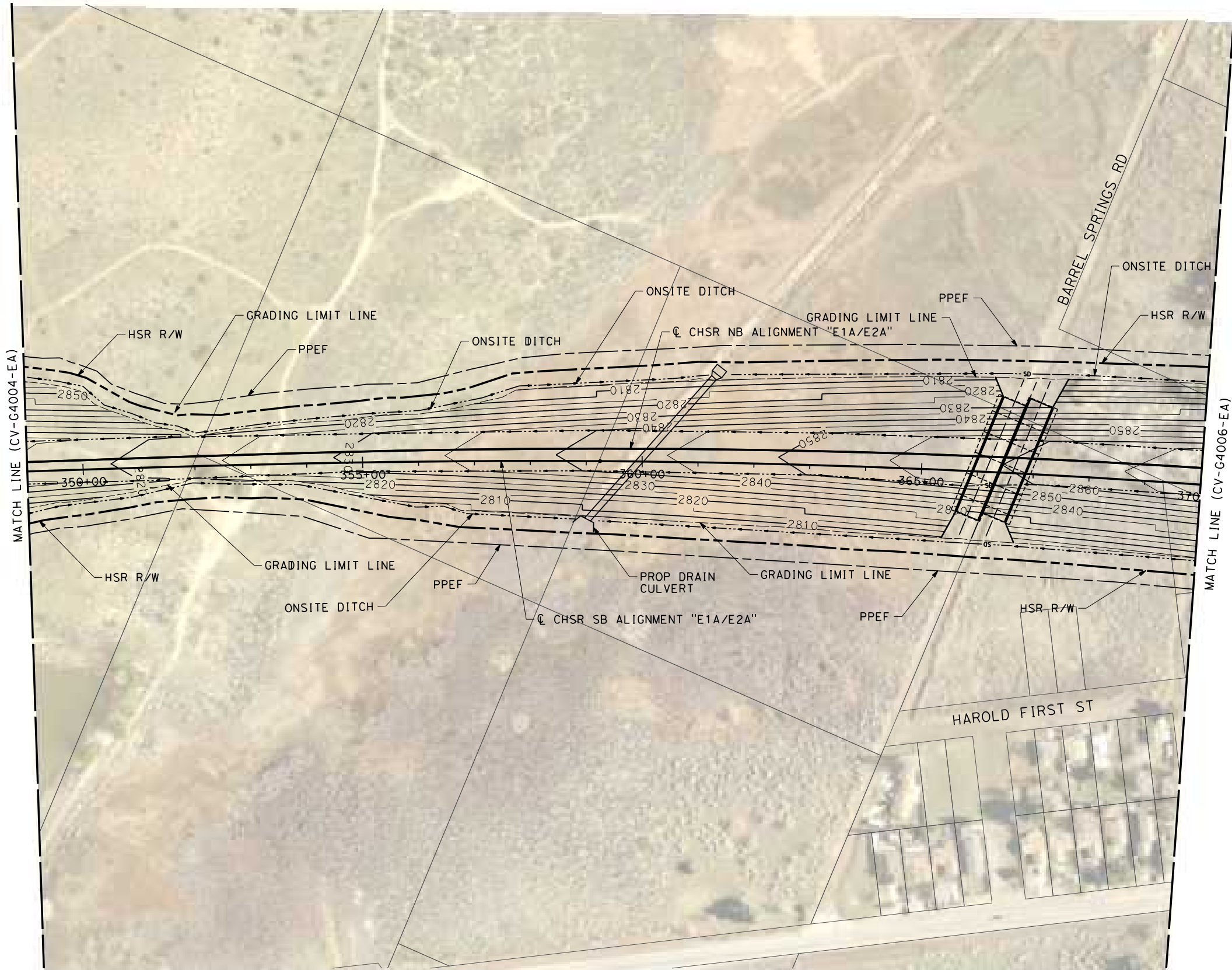
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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

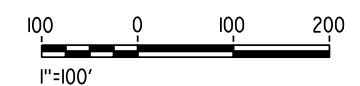
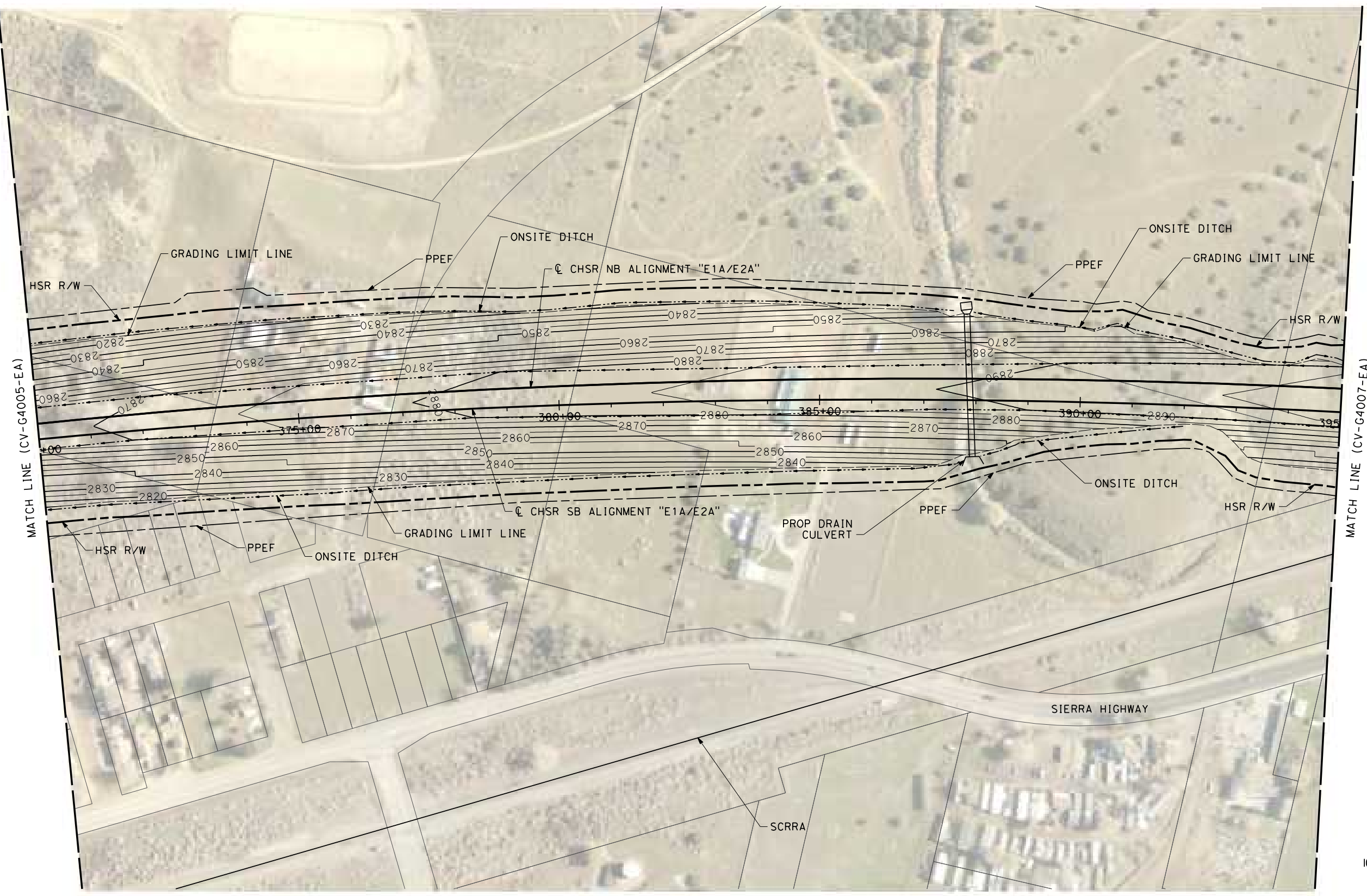
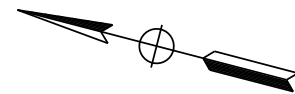
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ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "E1A/E2A"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
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SCALE  
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0400074

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**

DRAWN BY  
**F. VASQUEZ**

CHECKED BY  
**R. RODRIGUEZ**

IN CHARGE  
**A. RELANO**

DATE  
**02/26/2021**

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
 ALIGNMENT "E1A/E2A"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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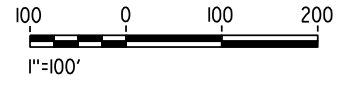
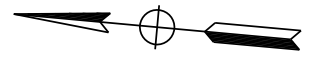
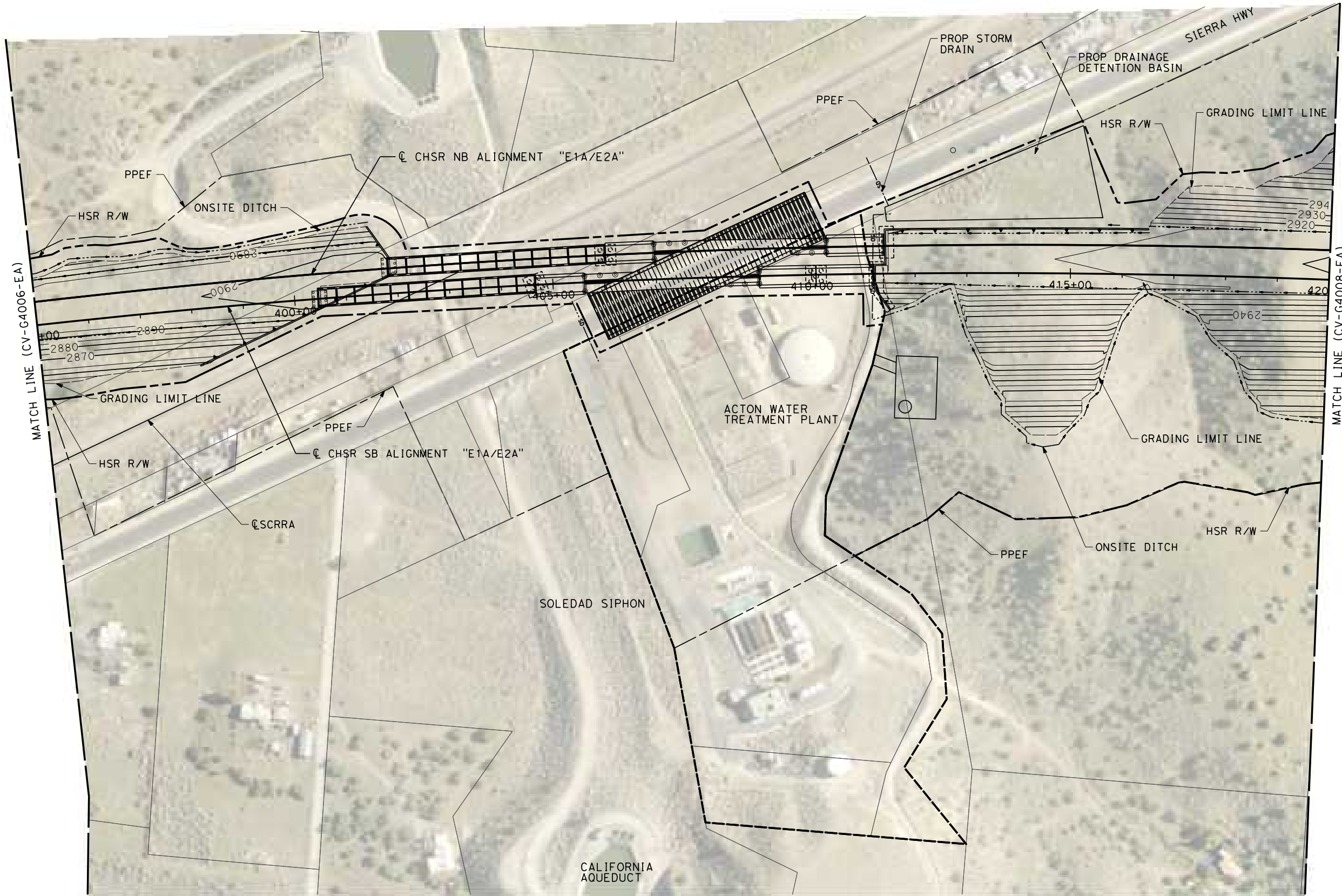
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SHEET NO.

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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "E1A/E2A"

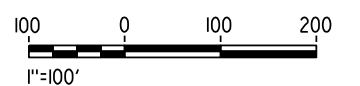
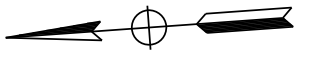
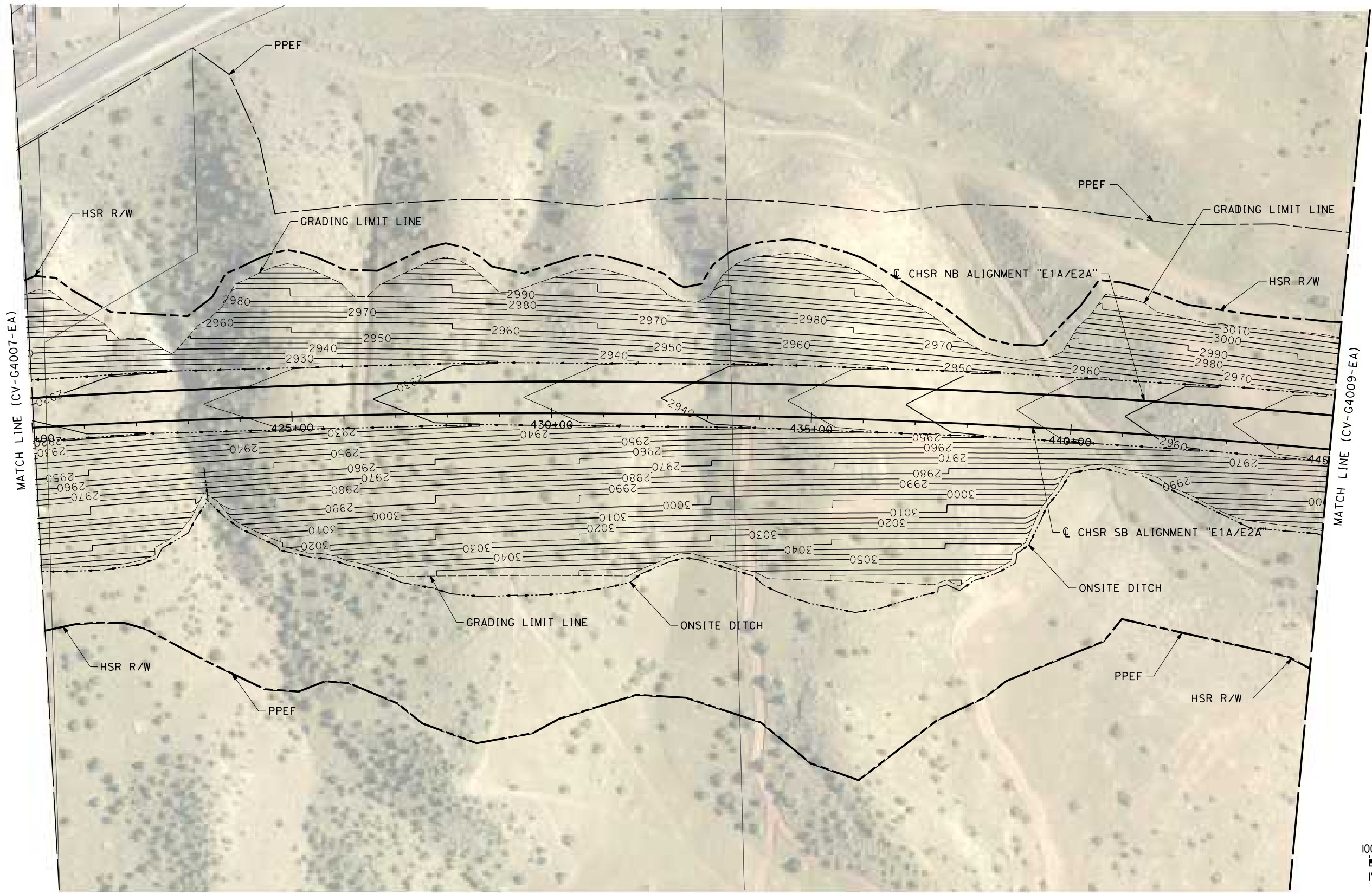
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**

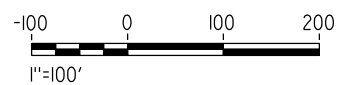
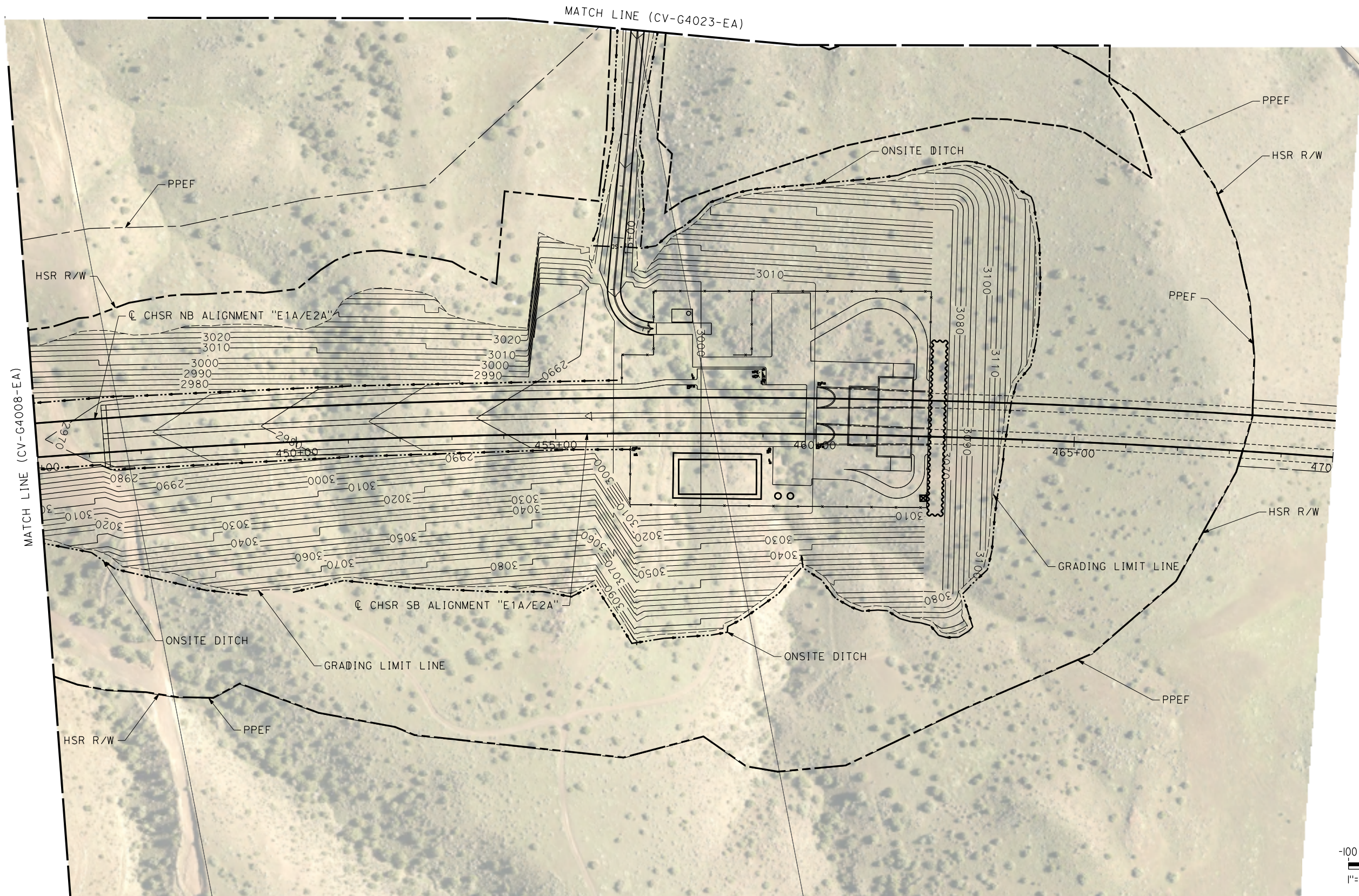


**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "E1A/E2A"

GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-G4008-EA  
SCALE  
AS SHOWN  
SHEET NO.

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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**02/26/2021**

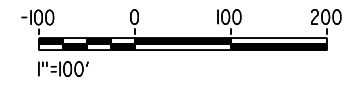
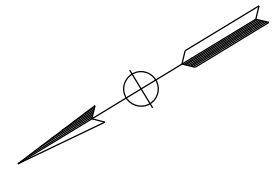
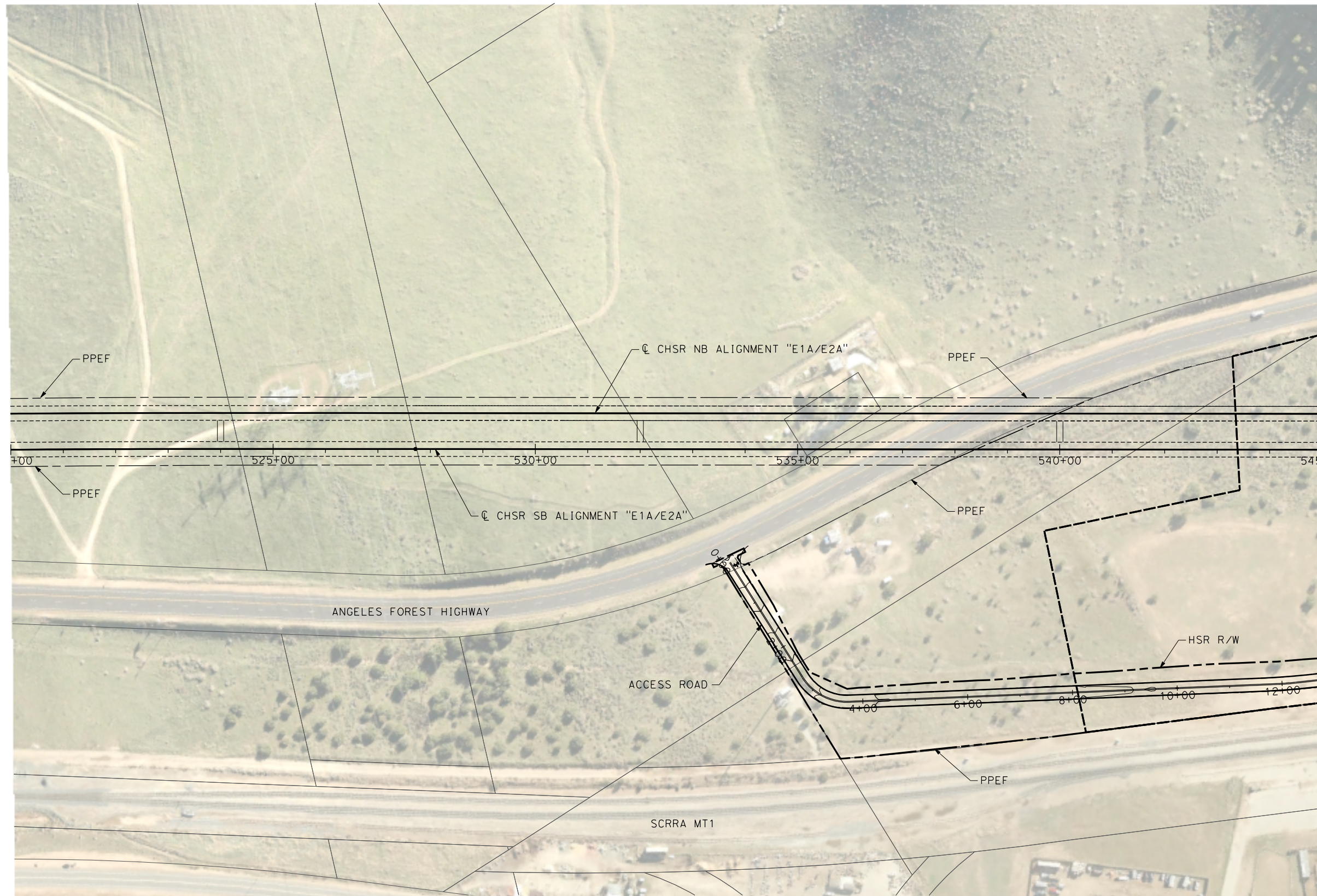
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**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK  
 ALIGNMENT "E1A/E2A"**  
**GRADING AND DRAINAGE PLAN**

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

DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**02/26/2021**

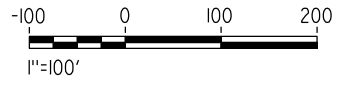
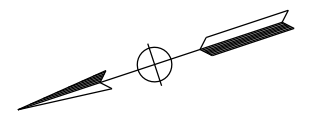
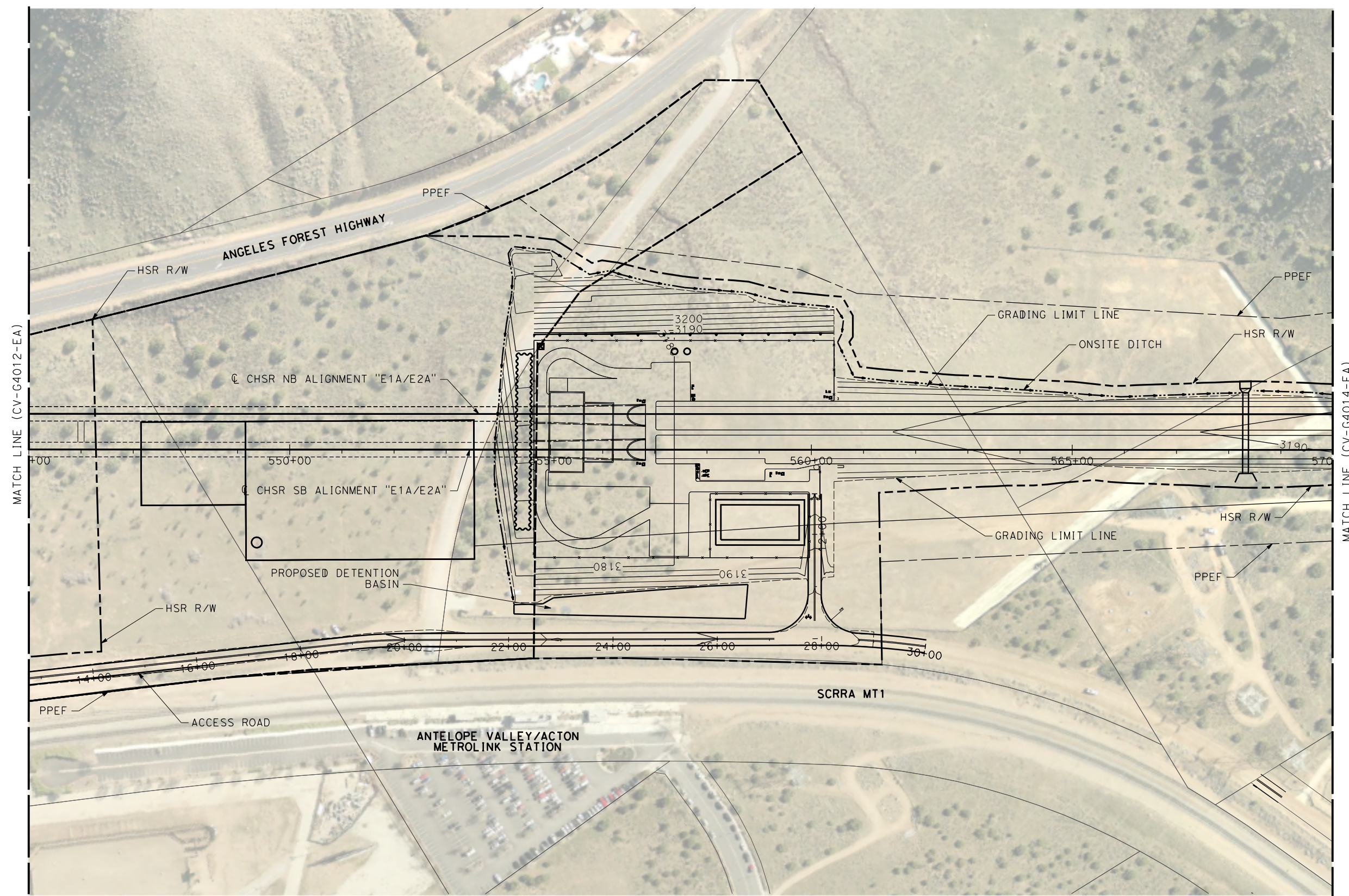
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**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "E1A/E2A"  
 GRADING AND DRAINAGE PLAN

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

DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**02/26/2021**

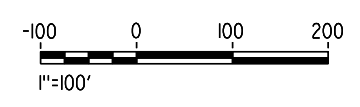
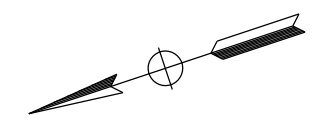
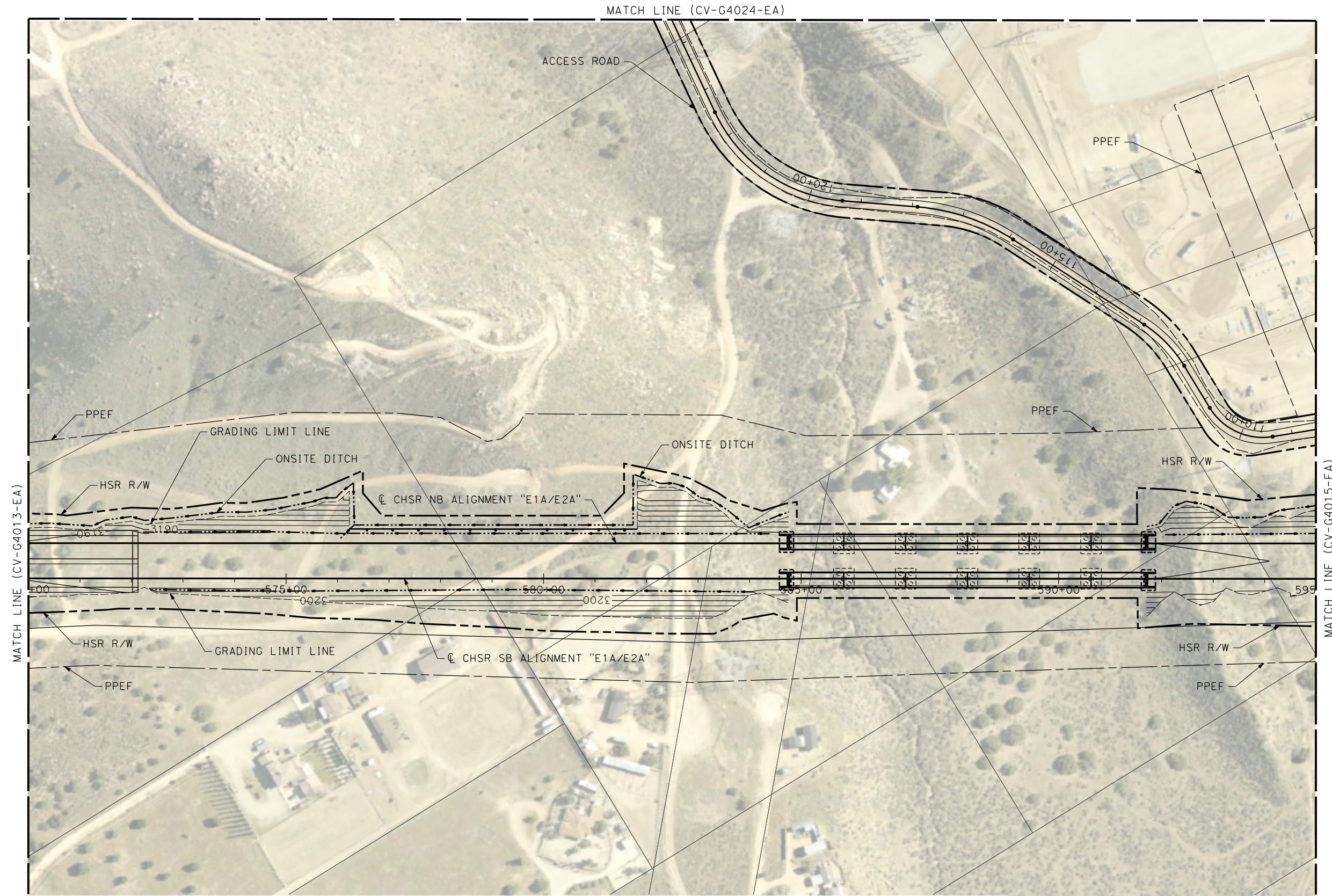
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**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK  
 ALIGNMENT "E1A/E2A"**  
**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**  
 DRAWING NO.  
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 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**02/26/2021**

**PEPD RECORD SET  
 ADDENDUM  
 SR14A/E1A/E2A**

**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK  
 ALIGNMENT "E1A/E2A"**

**GRADING AND DRAINAGE PLAN**

CONTRACT NO.  
**HSR14-42**

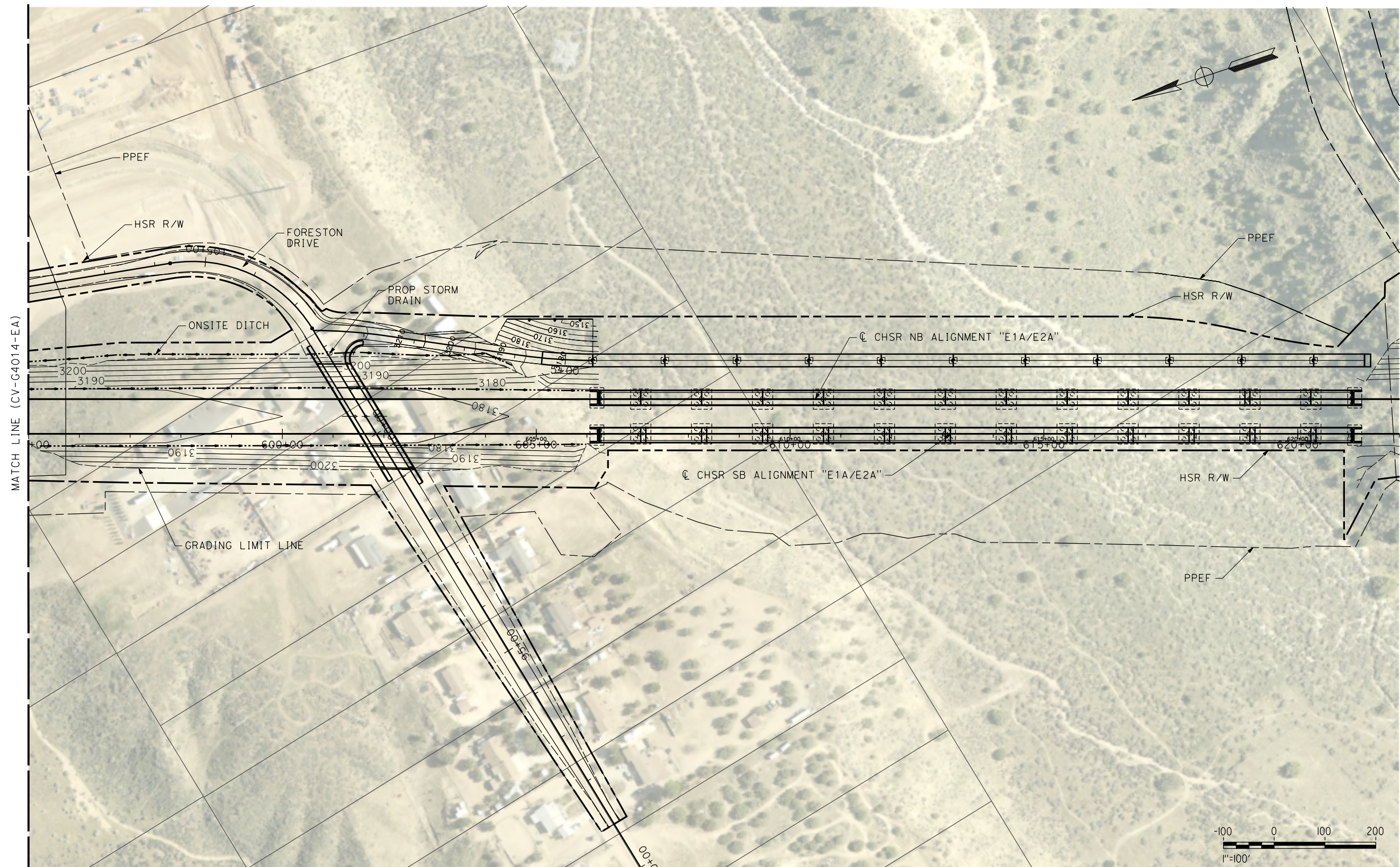
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SCALE  
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SHEET NO.



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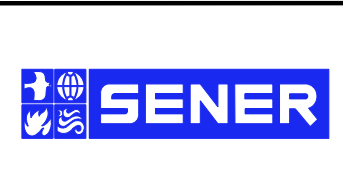


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
DRAWN BY  
**F. VASQUEZ**  
CHECKED BY  
**R. RODRIGUEZ**  
IN CHARGE  
**A. RELANO**  
DATE  
**08/04/2020**

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK  
ALIGNMENT "E1A/E2A"**

GRADING AND DRAINAGE PLAN

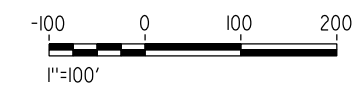
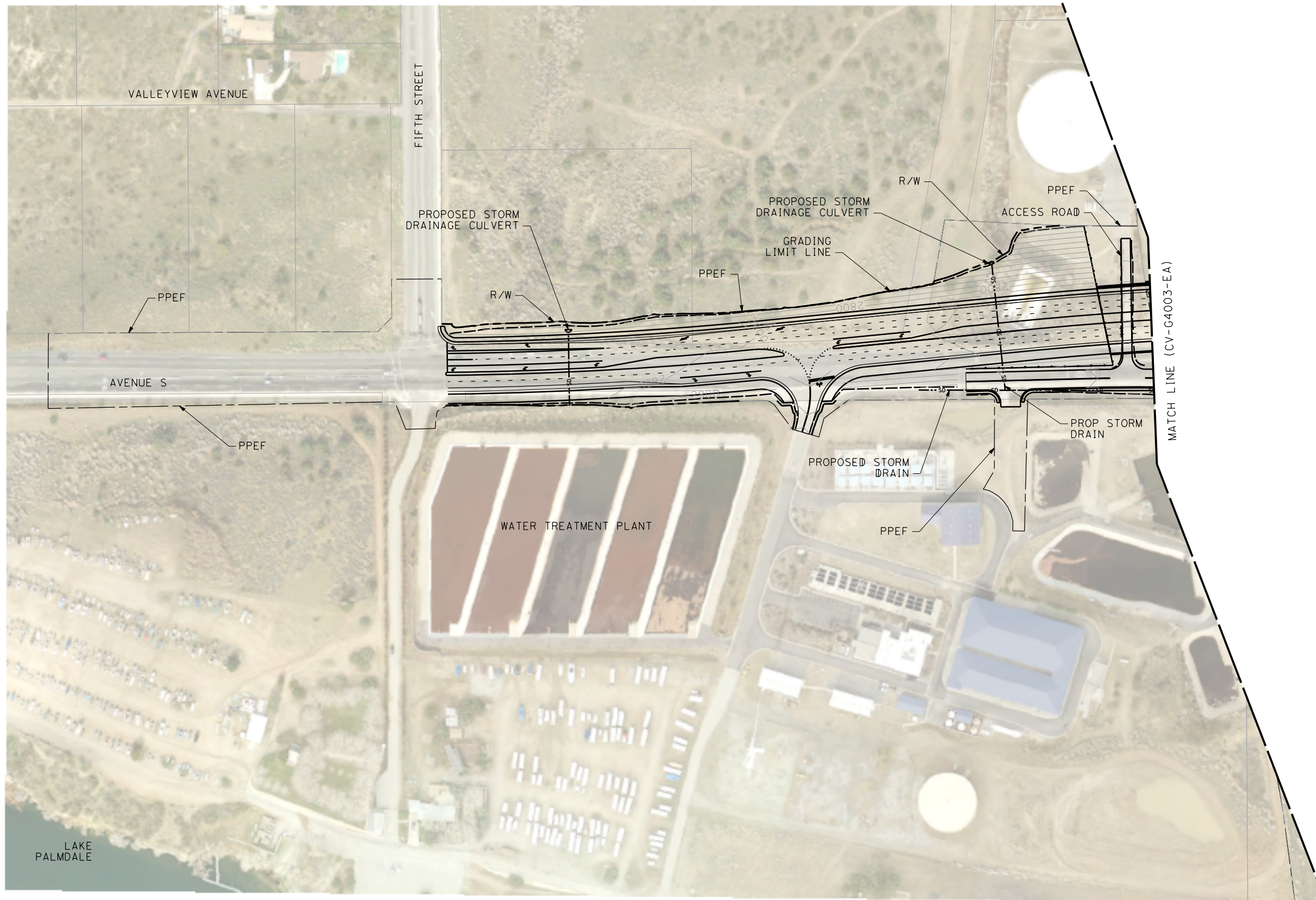
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SCALE  
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SHEET NO.

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 4/5/2021 3:21:47 PM  
 0400073



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**02/26/2021**

**PEPD RECORD SET  
 ADDENDUM  
 SR14A/E1A/E2A**  
**NOT FOR  
 CONSTRUCTION**



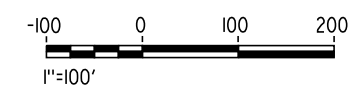
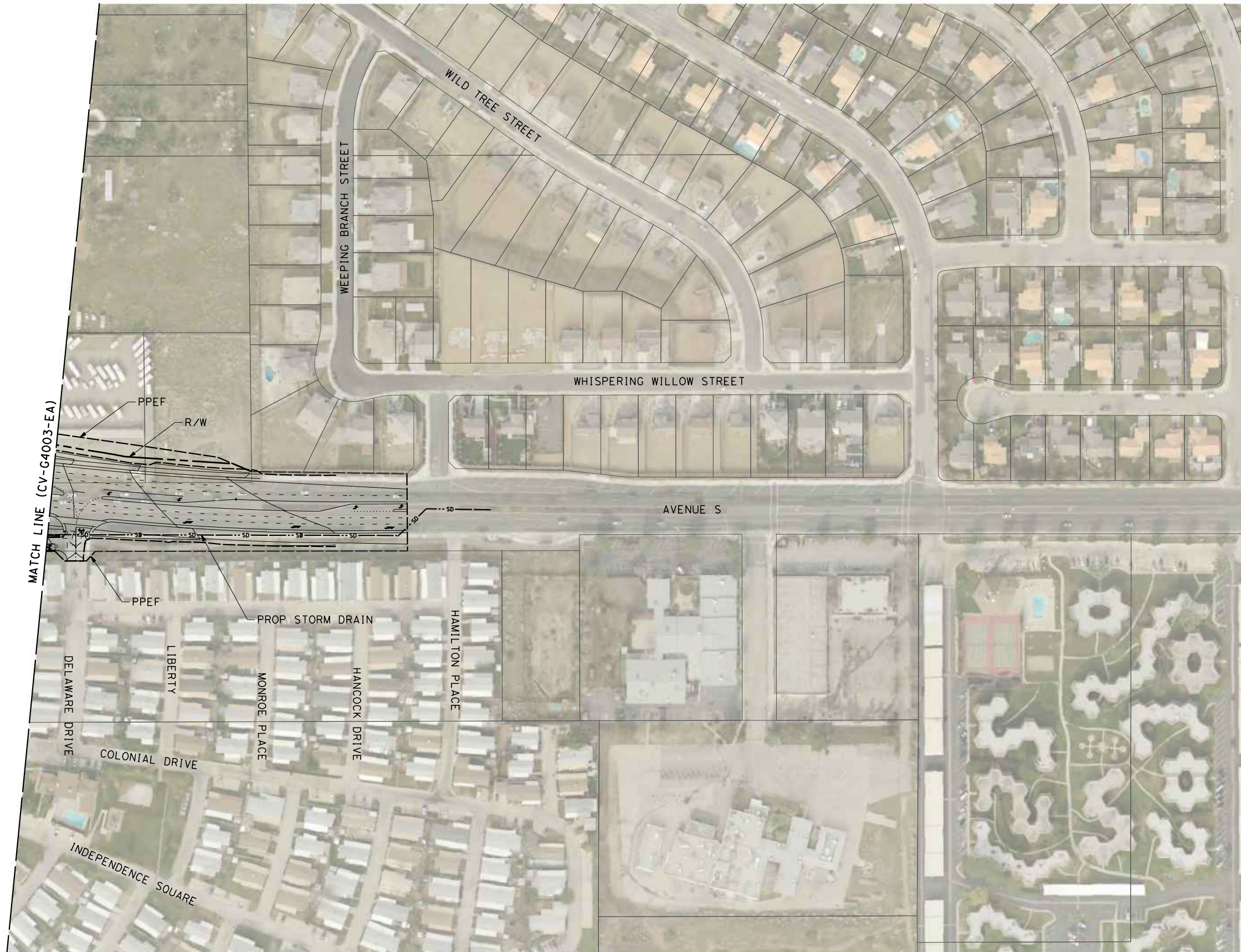
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "E1A/E2A"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
**HSR14-42**  
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**CV-G4021-EA**  
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 SHEET NO.

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0420008



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
DRAWN BY  
**F. VASQUEZ**  
CHECKED BY  
**I. LAQUIDAIN**  
IN CHARGE  
**A. RELANO**  
DATE  
**04/28/2023**

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**  
  
**NOT FOR  
CONSTRUCTION**



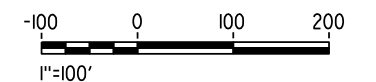
**CALIFORNIA HIGH-SPEED RAIL PROJECT  
PALMDALE TO BURBANK**  
ALIGNMENT "E1A/E2A"  
GRADING AND DRAINAGE PLAN

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

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0400074



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
C. DIMARIO  
DRAWN BY  
F. VASQUEZ  
CHECKED BY  
R. RODRIGUEZ  
IN CHARGE  
A. RELANO  
DATE  
02/26/2021

**PEPD RECORD SET  
ADDENDUM  
SR14A/E1A/E2A**

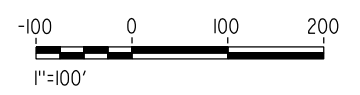
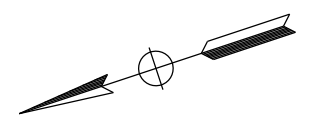
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**CALIFORNIA HIGH-SPEED RAIL PROJECT**  
**PALMDALE TO BURBANK**  
ALIGNMENT "E1A/E2A"  
GRADING AND DRAINAGE PLAN

CONTRACT NO.  
HSR14-42  
DRAWING NO.  
CV-G4023-EA  
SCALE  
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SHEET NO.

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MATCH LINE (CV-G4014-EA)

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**C. DIMARIO**  
 DRAWN BY  
**F. VASQUEZ**  
 CHECKED BY  
**R. RODRIGUEZ**  
 IN CHARGE  
**A. RELANO**  
 DATE  
**02/26/2021**

**PEPD RECORD SET  
 ADDENDUM  
 SR14A/E1A/E2A**  
**NOT FOR  
 CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 PALMDALE TO BURBANK**  
 ALIGNMENT "E1A/E2A"  
 GRADING AND DRAINAGE PLAN

CONTRACT NO.  
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