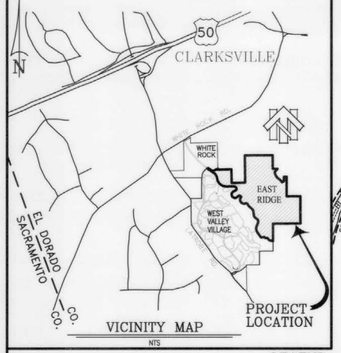
IMPROVEMENT PLANS FOR

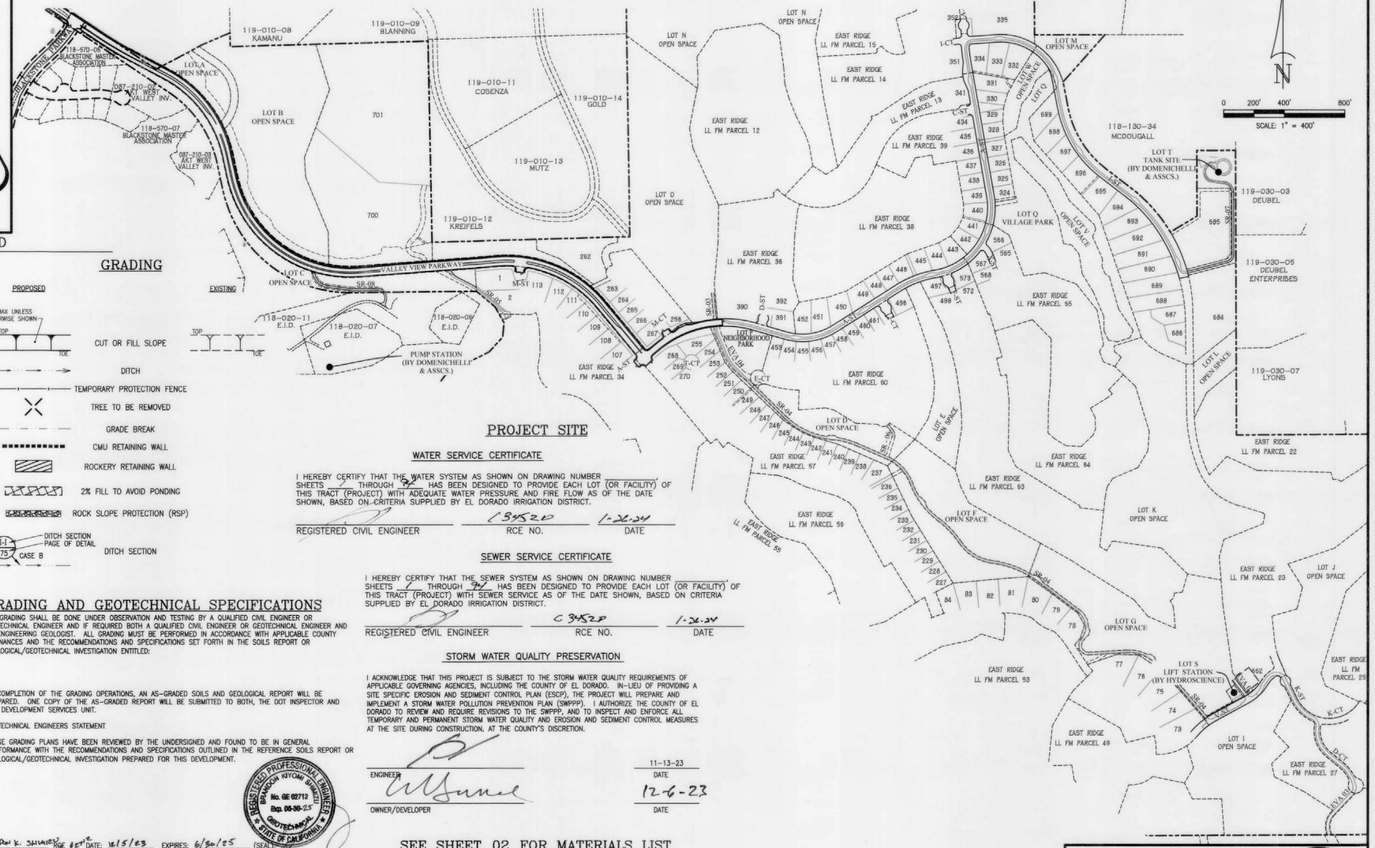
VALLEY VIEW PARKWAY • SEWER & WATER INFRASTRUCTURE

TM 14-1521



VICINITY MAP

NTS



LEGEND

ROADS & MISCELLANEOUS

PROPOSED		EXISTING
	PROJECT BOUNDARY	
	CENTERLINE	
	RIGHT OF WAY	
	EASEMENT	
	TYPE 1 C&G & SIDEWALK	
	TYPE 2 C&G	
	STREET SIGN	
	STOP SIGN	
	AB SERVICE ROAD	
	ISLAND HATCH	

SEWER

8"SS	PIPE SHOWING DIRECTION OF FLOW & PIPE SIZE
	MANHOLE (MH)
	CLEANOUT
6"SS	SANITARY SEWER SERVICE (SS) WYE IN DIRECTION OF FLOW
10"FM	SANITARY SEWER FORCE MAIN

WATER

HP2	HIGH PRESSURE ZONE (PUMPED)
LP2	LOW PRESSURE ZONE (GRAVITY)
8"W	WATER MAIN (WM)
	WATER MAIN (WM) TO BE ABANDONED
	GATE VALVE
	BUTTERFLY VALVE
	FIRE HYDRANT (FH)
2"	BLOW OFF VALVE (BOV)
2"	AIR RELIEF VALVE (ARV)
	REDUCER
	WATER SERVICE (WS)
2"	PRESSURE RELIEF VALVE
	CAP
	BLIND FLANGE
	BENDS
	TEE & CROSS
	RP BACKFLOW DEVICE
	EASEMENTS

DRAINAGE

18"SD	PIPE SHOWING DIRECTION OF FLOW & PIPE SIZE
	MANHOLE (MH)
	DROP INLET (DI)

GRADING

PROPOSED	
2:1 MAX UNLESS OTHERWISE SHOWN	
	CUT OR FILL SLOPE
	DITCH
	TEMPORARY PROTECTION FENCE
	TREE TO BE REMOVED
	GRADE BREAK
	CMU RETAINING WALL
	ROCKERY RETAINING WALL
	2% FILL TO AVOID PONDING
	ROCK SLOPE PROTECTION (RSP)
DITCH SECTION PAGE OF DETAIL CASE B	DITCH SECTION

RECORD DRAWING CERTIFICATE

THIS SET OF PLANS, HAVING BEEN REVIEWED BY ME, REFLECT ALL APPROVED REVISIONS TO THE PROJECT KNOWN TO ME, AND ALL FIELD DEVIATIONS TO THE PLANNED IMPROVEMENTS BY THE CONSTRUCTION CONTRACTOR, AS REPORTED TO ME AS OF _____. IT DOES NOT REPRESENT FIELD VERIFICATION OF PLANNED IMPROVEMENTS BY ME.

REGISTERED CIVIL ENGINEER _____ RCE NO. _____ DATE _____

REVISIONS			
NUMBER	DESCRIPTION	BY	DATE

GRADING AND GEOTECHNICAL SPECIFICATIONS

ALL GRADING SHALL BE DONE UNDER OBSERVATION AND TESTING BY A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND IF REQUIRED BOTH A QUALIFIED CIVIL ENGINEER OR GEOTECHNICAL ENGINEER AND AN ENGINEERING GEOLOGIST. ALL GRADING MUST BE PERFORMED IN ACCORDANCE WITH APPLICABLE COUNTY ORDINANCES AND THE RECOMMENDATIONS AND SPECIFICATIONS SET FORTH IN THE SOILS REPORT OR GEOLOGICAL/GEOTECHNICAL INVESTIGATION ENTITLED:

AT COMPLETION OF THE GRADING OPERATIONS, AN AS-GRADED SOILS AND GEOLOGICAL REPORT WILL BE PREPARED. ONE COPY OF THE AS-GRADED REPORT WILL BE SUBMITTED TO BOTH, THE DOT INSPECTOR AND DOT DEVELOPMENT SERVICES UNIT.

GEOTECHNICAL ENGINEERS STATEMENT

THESE GRADING PLANS HAVE BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN GENERAL CONFORMANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS OUTLINED IN THE REFERENCE SOILS REPORT OR GEOLOGICAL/GEOTECHNICAL INVESTIGATION PREPARED FOR THIS DEVELOPMENT.

BRANDON K. SHUMWAY RGE #2748 DATE: 10/15/23 EXPIRES: 6/30/25 (SEAL)

REGISTERED PROFESSIONAL ENGINEER BRANDON KYOMI SHUMWAY No. GE 02712 Exp. 06-30-25 GEOTECHNICAL STATE OF CALIFORNIA

SOILS REPORT TITLED:

PRELIMINARY GEOTECHNICAL ENGINEERING STUDY
FOR: EAST RIDGE
EL DORADO HILLS, CALIFORNIA
PROJECT NO. E13227.007
DATED: DECEMBER, 2017

SOILS ENGINEER

YOUNGDAHL CONSULTING GROUP, INC.
1234 GLENHAVEN CT.
EL DORADO HILLS, CALIFORNIA, 95762

EARTHWORK QUANTITIES

CUT: 192,600 CY
FILL: 98,900 CY
EXPORT: 93,700 CY (LOCAL FILL PARK SITE)

AREA OF DISTURBANCE

36.0 Ac.

APN: 119-390-01 TO 119-390-75

WDID # 5S09C400957

PROJECT SITE

WATER SERVICE CERTIFICATE

I HEREBY CERTIFY THAT THE WATER SYSTEM AS SHOWN ON DRAWING NUMBER SHEETS 1 THROUGH 94 HAS BEEN DESIGNED TO PROVIDE EACH LOT (OR FACILITY) OF THIS TRACT (PROJECT) WITH ADEQUATE WATER PRESSURE AND FIRE FLOW AS OF THE DATE SHOWN, BASED ON CRITERIA SUPPLIED BY EL DORADO IRRIGATION DISTRICT.

REGISTERED CIVIL ENGINEER _____ C34520 RCE NO. _____ 1-26-24 DATE

SEWER SERVICE CERTIFICATE

I HEREBY CERTIFY THAT THE SEWER SYSTEM AS SHOWN ON DRAWING NUMBER SHEETS 1 THROUGH 94 HAS BEEN DESIGNED TO PROVIDE EACH LOT (OR FACILITY) OF THIS TRACT (PROJECT) WITH SEWER SERVICE AS OF THE DATE SHOWN, BASED ON CRITERIA SUPPLIED BY EL DORADO IRRIGATION DISTRICT.

REGISTERED CIVIL ENGINEER _____ C34520 RCE NO. _____ 1-26-24 DATE

STORM WATER QUALITY PRESERVATION

I ACKNOWLEDGE THAT THIS PROJECT IS SUBJECT TO THE STORM WATER QUALITY REQUIREMENTS OF APPLICABLE GOVERNING AGENCIES, INCLUDING THE COUNTY OF EL DORADO. IN-LIEU OF PROVIDING A SITE SPECIFIC EROSION AND SEDIMENT CONTROL PLAN (ESCP), THE PROJECT WILL PREPARE AND IMPLEMENT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). I AUTHORIZE THE COUNTY OF EL DORADO TO REVIEW AND REQUIRE REVISIONS TO THE SWPPP, AND TO INSPECT AND ENFORCE ALL TEMPORARY AND PERMANENT STORM WATER QUALITY AND EROSION AND SEDIMENT CONTROL MEASURES AT THE SITE DURING CONSTRUCTION, AT THE COUNTY'S DISCRETION.

ENGINEER _____ 11-13-23 DATE

OWNER/DEVELOPER _____ 12-6-23 DATE

SEE SHEET 02 FOR MATERIALS LIST

ABBREVIATIONS

AB	AGGREGATE BASE	FH	FIRE HYDRANT	PT	POINT OF TANGENCY
AC	ASPHALT CONCRETE	FL	FLOW LINE	PUE	PUBLIC UTILITY EASEMENT
ARV	AIR RELIEF VALVE	FM	FORCE MAIN	PVC	POLYVINYL CHLORIDE
BC	BEGIN CURVE	FS	FINISHED SURFACE	RCP	REINFORCED CONCRETE PIPE
BDRY	BOUNDARY	GR	GRATE	R	RADIUS
BF	BLIND FLANGE	GV	GATE VALVE	RJ	RESTRAINED JOINT
BOV	BLOW OFF VALVE	HDC	HIGH DEFLECTION COUPLING	RW	RECYCLED WATER
BV	BUTTERFLY VALVE	HDPE	HIGH DENSITY POLYETHYLENE	R/W	RIGHT-OF-WAY
BW	BOTTOM OF WALL	HP	HIGH POINT	SS	SEWER
C&G	CURB & GUTTER	HPZ	HIGH PRESSURE ZONE	SBL	SET BACK LINE
CL	CENTERLINE	INTX	INTERSECTION	SD	STORM DRAIN
CMP	CORRUGATED METAL PIPE	INV	INVERT ELEVATION	SDMH	STORM DRAIN MANHOLE
CONST	CONSTRUCT	LF	LINEAR FEET	SSMH	SEWER MANHOLE
CO	CLEAN OUT	LIP	LIP OF GUTTER	STA	STATION
CR RT	CURB RETURN	LP	LOW POINT	STD	STANDARD
DI	DRAIN INLET	LPZ	LOWER PRESSURE ZONE	TBC	TOP BACK OF CURB
DWG	DRAWING	MH	MANHOLE	TBW	TOP BACK OF WALK
E.A.R.	EMERGENCY ACCESS ROAD	NTS	NOT TO SCALE	TC	TOP OF CURB
EP	EDGE OF PAVEMENT	(P)	PROPOSED	TOE	TOE OF SLOPE
(E)	EXISTING	PC	POINT OF CURVATURE	TOS	TOP OF SLOPE
ESMT	EASEMENT	PCC	POINT OF COMPOUND CURVATURE	TW	TOP OF WALL
EC	END CURVE	PL	PROPERTY LINE	TYP	TYPICAL
FES	FLARED END SECTION	POC	POINT OF CONNECTION	W	WATER LINE
FC	FACE OF CURB	PRC	POINT OF REVERSE CURVATURE		

SHEET INDEX

1. COVER
2. CONSTRUCTION NOTES/MATERIALS LIST
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4. CONDITIONS OF APPROVAL 2
5. TYPICAL ROAD SECTIONS
6. CONSTRUCTION DETAILS SHEET 1
7. CONSTRUCTION DETAILS SHEET 2
8. CONSTRUCTION DETAILS SHEET 3
9. CONSTRUCTION DETAILS SHEET 4
10. CONSTRUCTION DETAILS SHEET 5
11. OVERALL UTILITY PLAN AREA 1
12. OVERALL UTILITY PLAN AREA 2
13. OVERALL UTILITY PLAN AREA 3
14. OVERALL UTILITY PLAN AREA 4
15. OVERALL UTILITY PLAN AREA 5
16. FIRE PLAN – SHEET 1
17. FIRE PLAN – SHEET 2
18. FIRE PLAN – SHEET 3
19. PLAN & PROFILE VALLEY VIEW PARKWAY (10+00 TO 19+00)
20. PLAN & PROFILE VALLEY VIEW PARKWAY (19+00 TO 29+00)
21. PLAN & PROFILE VALLEY VIEW PARKWAY (29+00 TO 39+00)
22. PLAN & PROFILE VALLEY VIEW PARKWAY (39+00 TO 49+00)
23. PLAN & PROFILE VALLEY VIEW PARKWAY (49+00 TO 59+00)
24. PLAN & PROFILE A STREET (12+00 TO 22+00)
25. PLAN & PROFILE A STREET (22+00 TO 32+00)
26. PLAN & PROFILE A STREET (32+00 TO 42+00)
27. PLAN & PROFILE A STREET (42+00 TO 52+00)
28. PLAN & PROFILE I STREET (18+22.43 TO 28+00)
29. PLAN & PROFILE I STREET (28+00 TO 38+00)
30. PLAN & PROFILE I STREET (38+00 TO 43+50)
31. PLAN & PROFILE V STREET (13+30 TO 17+50)
32. PLAN & PROFILE SEWER ACCESS ROAD SR-04 (10+00 TO 20+00)
33. PLAN & PROFILE SEWER ACCESS ROAD SR-04 (20+00 TO 30+50)
34. PLAN & PROFILE SEWER ACCESS ROAD SR-04 (30+50 TO 41+00)
35. PLAN & PROFILE SEWER ACCESS ROAD SR-04 (41+00 TO 51+00)
36. PLAN & PROFILE EVA & SEWER ACCESS ROAD EVA-04 / SR-04 (51+00 TO END)
37. PLAN & PROFILE M STREET, M COURT AND D STREET
38. PLAN & PROFILE J COURT, F STREET AND C STREET
39. PLAN & PROFILE UPPER WATER TANK ACCESS ROAD – SR-07
40. PLAN & PROFILE LOWER WATER TANK ACCESS ROAD – SR-08
41. PLAN & PROFILE LOWER WATER WATERLINE
42. PLAN & PROFILE STORM DRAIN LATERALS 'A1', 'A2', 'C'
43. PLAN & PROFILE STORM DRAIN LATERALS 'D', 'E', 'F'
44. PLAN & PROFILE STORM DRAIN LATERALS 'G', 'H', 'I'
45. PLAN & PROFILE STORM DRAIN LATERALS 'J', 'K', 'L'
46. PLAN & PROFILE STORM DRAIN LATERALS 'M', 'N' & 'Z'
47. PLAN & PROFILE STORM DRAIN LATERALS 'O', 'P', 'Q'
48. PLAN & PROFILE STORM DRAIN LATERALS 'R', 'S', 'T'
49. PLAN & PROFILE STORM DRAIN LATERALS 'U', 'H1', 'V'
50. PLAN & PROFILE STORM DRAIN LATERALS 'W1', 'W2', 'W3' & 'W4'
51. PLAN & PROFILE STORM DRAIN LATERAL 'A3A', 'A3C', 'B'
52. PLAN & PROFILE STORM DRAIN LATERAL 'Y1' & 'Y2'
53. PLAN & PROFILE SEWER LATERALS 'A', 'B', 'C', 'D', & 'E'
54. PLAN & PROFILE SEWER LATERALS 'F', 'G', 'H' & 'I'
55. PLAN & PROFILE SR-05 & SR-05 DRAIN LATERAL
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57. TREE REMOVAL PLAN – SHEET 2
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73. GRADING PLAN AREA 15
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75. GRADING DETAILS
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82. EROSION CONTROL NOTES
83. RETAINING WALL DETAILS
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94. POST CONSTRUCTION WATER QUALITY DETAILS SHEET 2

UTILITY REPRESENTATIVES

UTILITY		REPRESENTATIVE	TELEPHONE
GAS	PG & E	MELODY "M" KHO	(916)200-8391
ELECTRICITY	PG & E	MELODY "M" KHO	(916)200-8391
TELEPHONE	AT&T	WILLARD ASTRID	(916)453-6136
WATER	EID	MIKE BRINK	(530)642-4054
SEWER	EID	MIKE BRINK	(530)642-4054
DRAINAGE	EL DORADO COUNTY	CONTACT INSPECTOR	(530)621-5900
U.S.A.			(800) 227-2600
FIRE	EL DORADO HILLS FIRE	MARSHALL COX	(916)933-6623
CABLE	COMCAST	AVGOUSTIN MARCHENKO	(916)376-7783

BASIS OF BEARING:

THE BASIS OF BEARING FOR THIS SURVEY IS IDENTICAL WITH THAT CERTAIN RECORD OF SURVEY FILED IN BOOK 25 OF RECORD SURVEYS, PAGE 30 BASED UPON THE MONUMENTS SHOWN AS FOUND HEREON AND CITED AS GRID NORTH.

BENCH MARK: ELEV.=673.08

A STANDARD U.S.C.& G.S. BRASS DISK STAMPED "1127 1932" SET IN THE TOP OF THE POST AT THE WEST END OF THE NORTH RAIL AT BRIDGE 2502 AT THE WEST EDGE OF CLARKSVILLE, EL DORADO COUNTY. BRIDGE 2502 IS LOCATED APPROXIMATELY 550' SOUTHEAST OF THE CENTERLINE OF SILVA VALLEY PARKWAY.

PREPARED UNDER THE DIRECTION OF:

DAVID R. CROSARIOL _____ 11-13-23 DATE

REGISTERED PROFESSIONAL ENGINEER DAVID ROBERT CROSARIOL C34520 Exp. 9-30-25 STATE OF CALIFORNIA

COUNTY OF EL DORADO – CDS
PLANNING & BUILDING DEPARTMENT

_____ 2-3-24 DATE

FIRE DEPARTMENT APPROVAL

APPROVED BY:

Approved with Notes
Check all pages

Digitally signed by Marshall Cox
Date: 2024.02.15 14:45:07 -08'00'

EL DORADO HILLS FIRE DEPT. _____ DATE

EL DORADO IRRIGATION DISTRICT

_____ 1-2624 DATE

PROJECT NO.	WORK ORDER NO.	DRAWING NO.
2523 DEV	759705	- - 6524

COUNTY OF EL DORADO – CDS
DEPARTMENT OF TRANSPORTATION

_____ 1-30-24 DATE

ADAM BANE, R.C.E. 61363

THE COUNTY'S SIGNATURE IS FOUNDED ON THE PREMISE THAT THE OWNER AND ENGINEER OF RECORD HAVE PROVIDED ACCURATE INFORMATION TO THE COUNTY. IF ANY OF THE INFORMATION IS FOUND TO BE ERRONEOUS, THEN THE COUNTY MAY REQUIRE THE OWNER, ENGINEER OF RECORD AND CONTRACTOR TO STOP ALL NON-EROSION CONTROL RELATED WORK UNTIL THE DISCREPANCY IS RECTIFIED TO THE SATISFACTION OF THE COUNTY.

CONSULTANT INDEX

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RW1–RW5.	CMU WALL DETAILS – BURNE
SD1–SD2.	STANDARD WALL DETAILS – BURNE
SN1.	RETAINING WALL STANDARD NOTES – BURNE
1–4.	EROSION CONTROL PLAN – YOUNGDAHL

cta Engineering & Surveying
Civil Engineering • Land Surveying • Land Planning
3233 Mercer Circle, Rancho Cordova, CA 95742
P (916) 638-0919 F (916) 638-2479 www.ctaeng.net

DEVELOPER/OWNER
VALLEY VIEW IMPROVEMENT COMPANY, LLC
4370 TOWN CENTER BLVD. SUITE 100
EL DORADO HILLS, CA 95762
PHONE # (916)939-6915

IMPROVEMENT PLANS FOR:
VALLEY VIEW PARKWAY • SEWER & WATER INFRASTRUCTURE
COVER SHEET
TM 14-1521
EL DORADO COUNTY
CALIFORNIA

COVER SHEET

DRAWN BY:	R. FURSOV
DESIGNED BY:	G. WELLS
CHECKED BY:	D. CROSARIOL
SCALE	
HORIZONTAL:	1"=400'
VERTICAL:	N/A
DATE:	NOVEMBER, 2023
SHEET NO.	01 / 94
JOB NO.:	15-025-010

M:\15-025-010\ENGINEER\PLANS\15-025-010-IMP-01-COVER.dwg, 11/13/2023 12:43:32 PM, athomas, 1:1