

IMPROVEMENT PLANS FOR MALCOLM DIXON ROAD MULTI PROJECT AREA OF BENEFIT

PRIVATE FUNDING AGREEMENT ADH-MALCOLM DIXON AREA OF BENEFITS

1.	COVER SHEET
2.	CONSTRUCTION NOTES
3.	CONDITIONS OF APPROVAL
4.	TYPICAL ROAD SECTIONS
5.	ADH - AREA OF BENEFITS MALCOLM DIXON
6.	OVERALL UTILITY PLAN
7.	EXISTING UTILITY PLAN - SHEET 1
8.	EXISTING UTILITY PLAN - SHEET 2
9.	SIGNAGE & STRIPING PLAN
10.	FENCING PLAN
11.	MALCOLM DIXON ROAD - WIDENING PLAN (10+00 TO 27+35)
12.	PLAN & PROFILE MALCOLM DIXON ROAD (27+35 TO 32+51)
13.	PLAN & PROFILE MALCOLM DIXON CUTOFF/MALCOLM DIXON ROAD (13+32 TO 17+60)
14.	PLAN & PROFILE MALCOLM DIXON ROAD/VIA VERITAS (17+60 TO 24+31)
15.	PLAN & PROFILE MALCOLM DIXON ROAD (33+00 TO END) & WATER LATERAL A
16.	PLAN & PROFILE DRAIN LATERALS A & B
17.	PLAN & PROFILE TEMPORARY DETOUR ROAD
18.	PLAN & PROFILE TEMPORARY SINGLE FAMILY DRIVEWAY (ACCESS TO DETOUR)
19.	CROSS GUTTER DETAILS
20.	GRADING DETAILS
21.	EROSION CONTROL NOTES AND PLAN
22.	EROSION CONTROL DETAILS
23.	STAGED CONSTRUCTION PLAN & TEMPORARY TRAFFIC CONTROL - STAGE 1
24.	STAGED CONSTRUCTION PLAN & TEMPORARY TRAFFIC CONTROL - STAGE 2
25.	STAGED CONSTRUCTION PLAN & TEMPORARY TRAFFIC CONTROL - STAGE 3
26.	TEMPORARY TRAFFIC CONTROL DETAILS

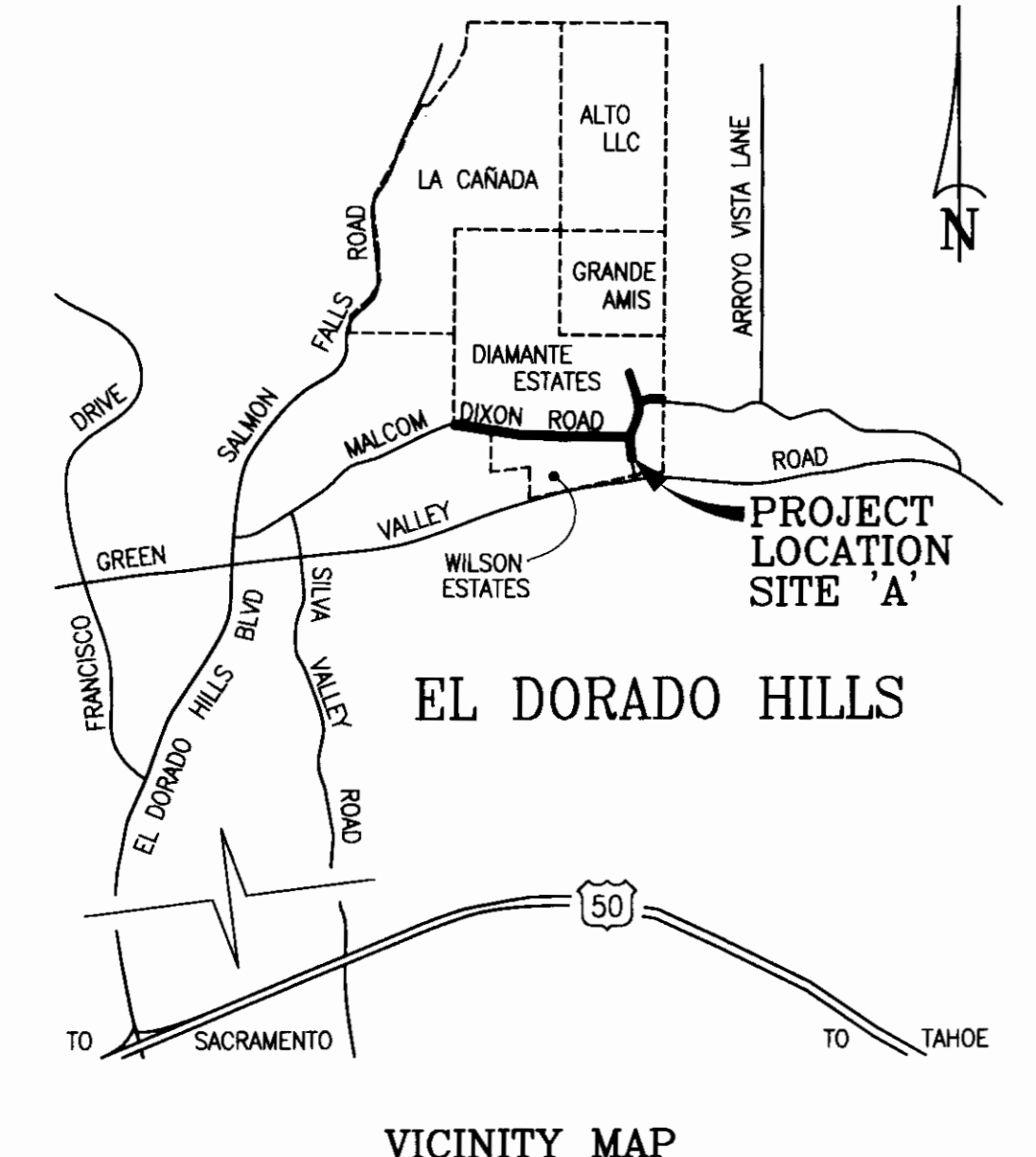
cta Engineering & Surveying
 Civil Engineering • Land Surveying • Land Planning
 3233 Mosher Circle, Rancho Cordova, CA 95742
 Phone: (831) 464-5021

CONSULTANT INDEX

ABBREVIATIONS

AB	AGGREGATE BASE	LF	LINEAR FEET
AC	ASPHALT CONCRETE	LP	LOW POINT
ARV	AIR RELIEF VALVE	MH	MANHOLE
BC	BEGIN CURVE	NTS	NOT TO SCALE
BB	BOUNDARY	PC	POINT OF CURVATURE
BE	BEGIN CURVE	PCC	POINT OF COMPOUND CURVATURE
BOV	BLOW OFF VALVE	PL	PROPERTY LINE
BY	BUTTERFLY VALVE	PLU	POINT OF UTILITY EASEMENT
CA&G	CURB & GUTTER	PRC	POINT OF REVERSE CURVATURE
CL	CENTERLINE	PRIE	POINT OF TANGENCY
CMP	CORRUGATED METAL PIPE	PUE	PUBLIC UTILITY EASEMENT
CONST	CONSTRUCT	PVC	POLYVINYL CHLORIDE
CR	CURB RETURN	RCP	REINFORCED CONCRETE PIPE
CR RT	CURB RETURN	R/W	RIGHT-OF-WAY
DWG	DRAWING	SS	SEWER
E.A.R	EMERGENCY ACCESS ROAD	ST	STORM DRAIN
EP	EDGE OF PAVEMENT	SSMHL	SEWER MANHOLE
(EX)	EXISTING	STA	STATION
FES	FLARED END SECTION	STD	STANDARD
ED	END CURVE	TRC	TOP BACK OF CURB
FC	FACE OF CURB	TBD	TOP BACK OF DIKE
FH	FIRE HYDRANT	TOP	TOP OF WALK
FL	FLOW LINE	TC	TOP OF CURB
FS	FINISHED SURFACE	TOE	TOE OF SLOPE
GR	GATE VALVE	TW	TOP OF WALL
HDC	HIGH DEFLECTION COUPLING	TYP	TYPICAL
HP	HIGH POINT	W	WATER LINE
INTX	INTERSECTION		
IN	INVERT ELEVATION		

IMPROVEMENT PLANS FOR
MALCOLM DIXON ROAD
 MULTI PROJECT AREA OF BENEFIT
 COVER SHEET
 ADH-MALCOLM DIXON AREA OF BENEFITS



MATERIAL LIST - WATER

ITEM	MANUFACTURER	MODEL / TYPE/SIZE	QUANTITY
PIPE			
SERVICI			
FIRE H ^Y DRANTS			
VALVES (BY TYPE)			
ARV			
BOV			

LEGEND

ROADS & MISCELLANEOUS

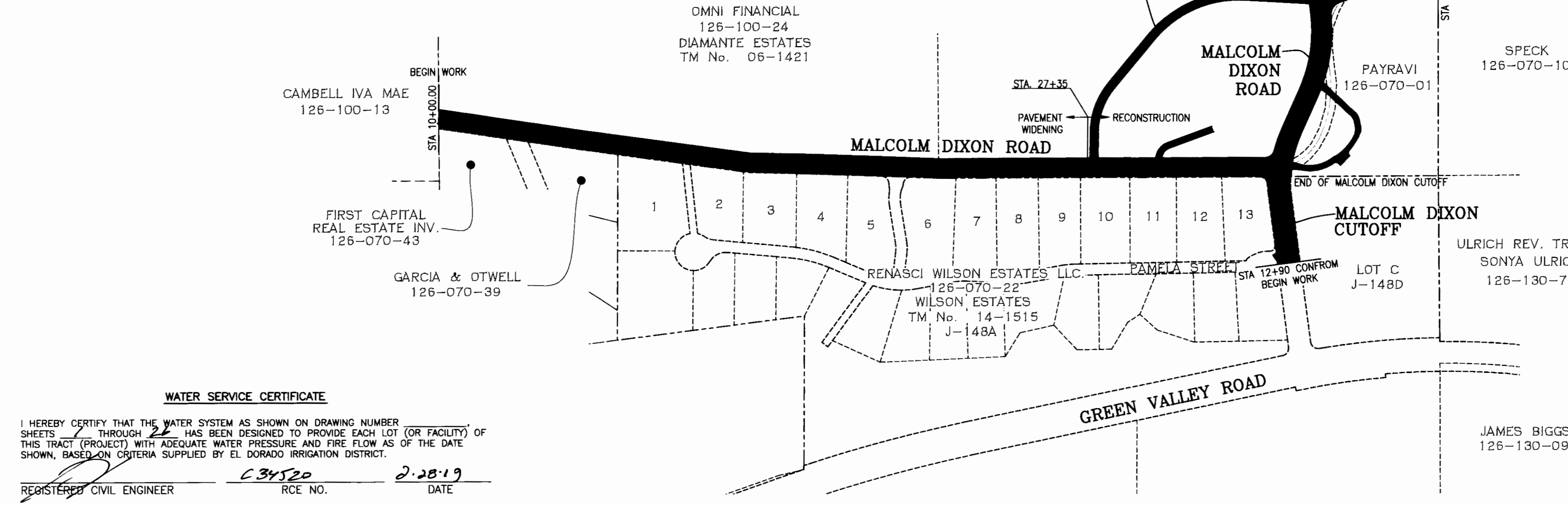
PROPOSED	EXISTING
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---

GRADING & DRAINAGE

PROPOSED	EXISTING
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---

WATER

---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---
---	---



WATER SERVICE CERTIFICATE

I HEREBY CERTIFY THAT THE WATER SYSTEM AS SHOWN ON DRAWING NUMBER SHEETS 1 THROUGH 22 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. DATE: 2-28-19

STORM WATER QUALITY PRESERVATION

I ACKNOWLEDGE THAT THIS PROJECT IS SUBJECT TO THE STORM WATER QUALITY REQUIREMENTS OF APPLICABLE COVERING 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: Mark Brown DATE: Mar 29, 2019

SOILS REPORT TITLED:

GEOTECHNICAL ENGINEERING STUDY-UPDATE FOR: MALCOLM DIXON ROAD MULTI PROJECT AREA OF BENEFIT, EL DORADO HILLS, CALIFORNIA
 PROJECT NO. E17341.001
 DATED: OCTOBER 2017

SOILS ENGINEER

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

EARTHWORK QUANTITIES

CUT: 35,595 CY
 FILL: 665 CY
 EXPORT: 34,930 CY

AREA OF DISTURBANCE

AREA = 3.72 AC

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 DATE: 2-28-19. IT DOES NOT REPRESENT FIELD VERIFICATION OF PLANNED IMPROVEMENTS BY ME.

REGISTERED CIVIL ENGINEER: C34520 RCE NO. DATE: 2-28-19

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:

Malcolm Dixon Road MoB
 Prepared By: Youngdahl Consulting Group
 Dated: October 2017
C34520 RCE # DATE: 3/7/19 EXPIRES: 3-31-20 (SEAL)

GEOTECHNICAL ENGINEERS STATEMENT

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.

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.

REGISTERED CIVIL ENGINEER: C34520 RCE # DATE: 3/7/19 EXPIRES: 3-20 (SEAL)

UTILITY REPRESENTATIVES

UTILITY	REPRESENTATIVE	TELEPHONE
GAS	PG & E	JENNIFER DONOVAN (530)521-7228
ELECTRICITY	PG & E	JENNIFER DONOVAN (530)521-7228
TELEPHONE	AT&T	WILLARD ASTRID (916)453-6136
WATER	ED	MIKE BRINK (530)642-4054
SEWER	ED	MIKE BRINK (530)642-4054
DRAINAGE	EL DORADO COUNTY	CONTACT INSPECTOR (530)621-5900
USA		(800)227-2800
IRE	EL DORADO HILLS FIRE	MARSHALL COX (916)933-8625
CABLE	COMCAST	AVOUSTIN MARCHENKO (916)376-7783

PREPARED UNDER THE DIRECTION OF:

David R. Crosariol DATE: 2-28-19

BENCH MARK: ELEV.=661.00

BRASS DISC STAMPED "EL DORADO DEPT. OF TRANS. BM EL 661.00" S. SIDE OF GREEN VALLEY ROAD ± 500' E. OF FRANCISCO DRIVE IN TOP OF CUT BANK.

BASIS OF BEARING

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

FIRE DEPARTMENT APPROVAL

APPROVED BY: Shamoc DATE: 3/20/19

COUNTY OF EL DORADO - CDS PLANNING & BUILDING DEPARTMENT

APPROVED BY: Mel Pabalinas DATE: 4/11/19

EL DORADO IRRIGATION DISTRICT

APPROVED BY: [Signature] DATE: 4/2/19

COUNTY OF EL DORADO - CDS DEPARTMENT OF TRANSPORTATION

APPROVED BY: Andrew Gaber DATE: 4/12/18

REVISIONS

NO.	DESCRIPTION	BY	DATE

DRAWN BY: S. LATHROP
 DESIGNED BY: D. MERLO
 CHECKED BY: D. CROSARIOL
 SCALE: 1"=200'
 HORIZONTAL: 1"=200'
 VERTICAL: N/A
 DATE: FEBRUARY, 2019
 SHEET NO.: 1
 JOB NO.: 15-030-001