

# COMMERCIAL GRADING & IMPROVEMENT PLANS FOR EL DORADO COUNTY HEALTH CENTER

CG#333710 & 319189

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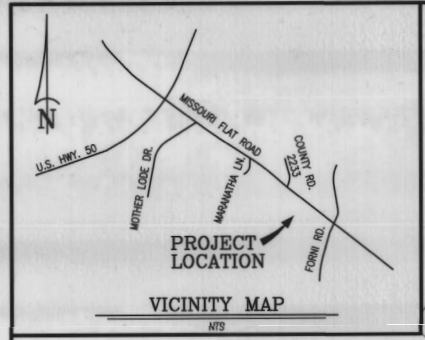
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cta Engineering & Surveying  
Civil Engineering & Land Surveying  
1233 Mainville Circle, Rancho Cordova, CA 95672  
TEL: (916) 838-9911 FAX: (916) 838-3419 www.cta.com

DEVELOPER/OWNER  
EL DORADO COUNTY HEALTH CENTER  
4327 GOLDEN CENTER DRIVE  
PLACERVILLE, CA 95667  
PHONE (530)-621-7700

EL DORADO COUNTY HEALTH CENTER  
COVER SHEET - CG#333710 & 319189  
4212 MISSOURI FLAT ROAD  
APN 327-213-034

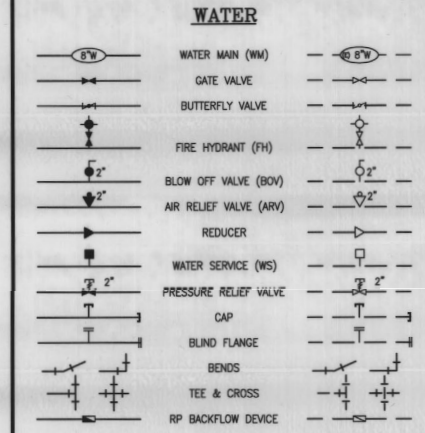
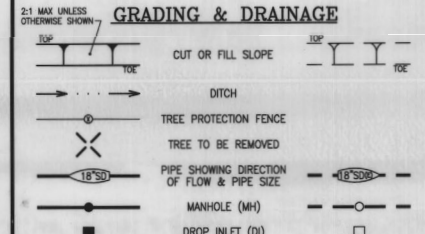
COVER SHEET  
DRAWN BY: J. WELLS  
DESIGNED BY: G. WELLS  
SCALE: AS SHOWN  
DATE: MARCH, 2021  
SHEET NO. 1  
JOB NO. 19-075-001



**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



**REVISIONS**

NUMBER	DESCRIPTION	BY	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: *[Signature]*  
DATE: 4/6/21

OWNER/DEVELOPER: *[Signature]*  
DATE: 4/6/21

**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:

EDCHC PLACERVILLE CLINIC PROJECT NO. 2233-01-1 & ADDENDUM DATED: NOVEMBER 13, 2019 DATED: MAY 28, 2019

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 ENGINEER'S 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.

**GEOTECHNICAL ENGINEER**

YOUNGDAHL CONSULTING GROUP, INC.  
1234 GLENHAVEN COURT  
EL DORADO HILLS, CA 95762  
916-933-0833

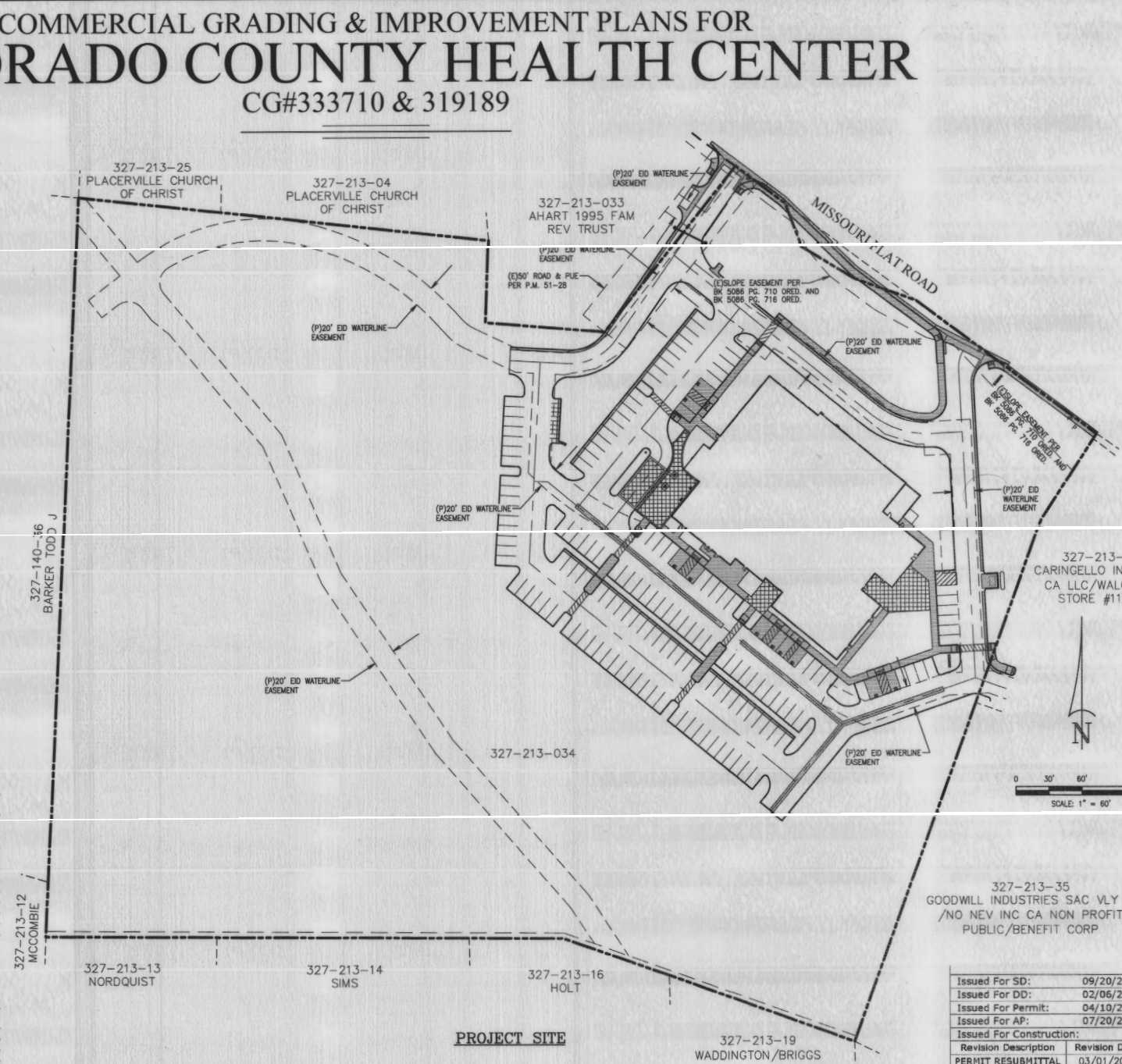
LICENSE # CE42560 DATE: 4/6/2021 EXPIRES: 3/31/2022

**MATERIAL LIST - WATER**

ITEM	MANUFACTURER	MODEL/TYPE/SIZE	QUANTITY
PIPE			
SERVICE			
FIRE HYDRANTS			
VALVES (BY TYPE)			
ARV			
BOV			

**MATERIAL LIST - SEWER**

ITEM	MANUFACTURER	MODEL/TYPE/SIZE	QUANTITY
PIPE			
MANHOLES			
SERVICE			
ARV			
BOV			



**FIRST ORDER OF WORK**

THE CONTRACTOR MUST SUBMIT A WRITTEN TRAFFIC CONTROL PLAN TO THE DEPARTMENT OF TRANSPORTATION FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF ANY WORK ON MISSOURI FLAT ROAD.

**EARTHWORK QUANTITIES**

CUT: 29,218 CY  
FILL: 20,939 CY  
EXPORT: 8,279 CY

**AREA OF DISTURBANCE**

4.9 AC

**WATER SERVICE CERTIFICATE**

I HEREBY CERTIFY THAT THE WATER SYSTEM AS SHOWN ON DRAWING NUMBER SHEETS THROUGH 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 ESTABLISHED BY EL DORADO IRRIGATION DISTRICT.

REGISTERED CIVIL ENGINEER: *[Signature]* RCE NO. 46606 DATE: 4/6/21

**SEWER SERVICE CERTIFICATE**

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

REGISTERED CIVIL ENGINEER: *[Signature]* RCE NO. 46606 DATE: 4/6/21

**UTILITY REPRESENTATIVES**

UTILITY	REPRESENTATIVE	TELEPHONE
GAS	PG & E KELLEY MARSHALL	(209)728-4879
ELECTRICITY	PG & E KELLEY MARSHALL	(209)728-4879
TELEPHONE	ATA&T WILLIAM ASTED	(916)444-6156
WATER	ED MIKE BRINK	(530)642-4054
SEWER	ED MIKE BRINK	(530)642-4054
DRAINAGE	EL DORADO COUNTY CONTACT INSPECTOR	(530)621-5377
U.S.A.	(800)227-2800	
FIRE	DIAMOND SPRINGS FIRE DEPT. KENNETH EARLE	(530)626-3190
CABLE	COMCAST AYGUSTIN MARCHENKO	(916)376-7783

**COUNTY OF EL DORADO PLANNING & BUILDING DEPARTMENT**

APPROVED BY: *[Signature]* DATE: 5/24/21

**PREPARED UNDER THE DIRECTION OF:**

*[Signature]* DATE: 4/6/21

**BASIS OF BEARING:**

THE BASIS OF BEARING FOR THIS SURVEY IS IDENTICAL WITH THAT OF P.M. 29-80 AND IS TRUE NORTH.

**BENCH MARK: ELEV.=1779.20 DATUM:NGVD 88**

NGS SURVEY CONTROL POINT "HPGN 9 CA 03 04" (PID AC2323). SURVEY DISK STAMPED "CA-HPGN-DEFINITION-SIA-03-04-1994" LOCATED IN THE SOUTH-WESTERLY CORNER OF THE PARK-AND-RIDE LOT SOUTH OF HIGHWAY 50, WEST OF MISSOURI FLAT ROAD.

**FIRE DEPARTMENT APPROVAL**

APPROVED BY: *[Signature]* DATE: 4/6/21

**EL DORADO IRRIGATION DISTRICT**

APPROVED BY: *[Signature]* DATE: 5/21/21

**COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION**

PROJECT NO. 32508EV WORK ORDER NO. 910641 DRAWING NO. 6439

**COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION**

APPROVED BY: *[Signature]* DATE: 5/24/21