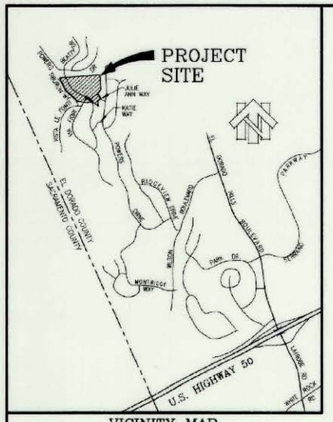
# IMPROVEMENT PLANS FOR
# RIDGEVIEW VILLAGE UNIT 9
## TM 08-1477




### 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

#### GRADING & DRAINAGE
2:1 MAX UNLESS OTHERWISE SHOWN
- CUT OR FILL SLOPE
- DITCH
- 25 TEST PIT LOCATION AND DESIGNATION PER GES REPORT PROJECT NO. 88303.E DATED: OCTOBER 1989
- TP-5 TEST PIT LOCATION & DESIGNATION PER GES REPORT PROJECT NO. E88303.004 DATED: JANUARY 2018
- TP-9 TEST PIT LOCATION AND DESIGNATION PER RESULTS OF RIPPABILITY STUDY PROJECT NO. 88303.005 DATED: JANUARY 2021
- TREE PROTECTION FENCE
- TREE TO BE REMOVED
- PIPE SHOWING DIRECTION OF FLOW & PIPE SIZE
- MANHOLE (MH)
- DROP INLET (DI)

#### SEWER
- PIPE SHOWING DIRECTION OF FLOW & PIPE SIZE
- MANHOLE (MH)
- CLEANOUT
- SANITARY SEWER SERVICE (SS) WYE IN DIRECTION OF FLOW
- SEWER FORCE MAIN
- PUMPED SEWER SERVICE

#### WATER
- WATER MAIN (WM)
- GATE VALVE
- BUTTERFLY VALVE
- FIRE HYDRANT (FH)
- BLOW OFF VALVE (BOV)
- AIR RELIEF VALVE (ARV)
- REDUCER
- WATER SERVICE (WS)
- PRESSURE RELIEF VALVE
- CAP
- BLIND FLANGE
- BENDS
- TEE & CROSS
- RP BACKFLOW DEVICE

### ABBREVIATIONS

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

### 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

### WATER SERVICE CERTIFICATE
I HEREBY CERTIFY THAT THE WATER SYSTEM AS SHOWN ON DRAWING NUMBER SHEETS 1 THROUGH 32 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. | 1-20-22 DATE

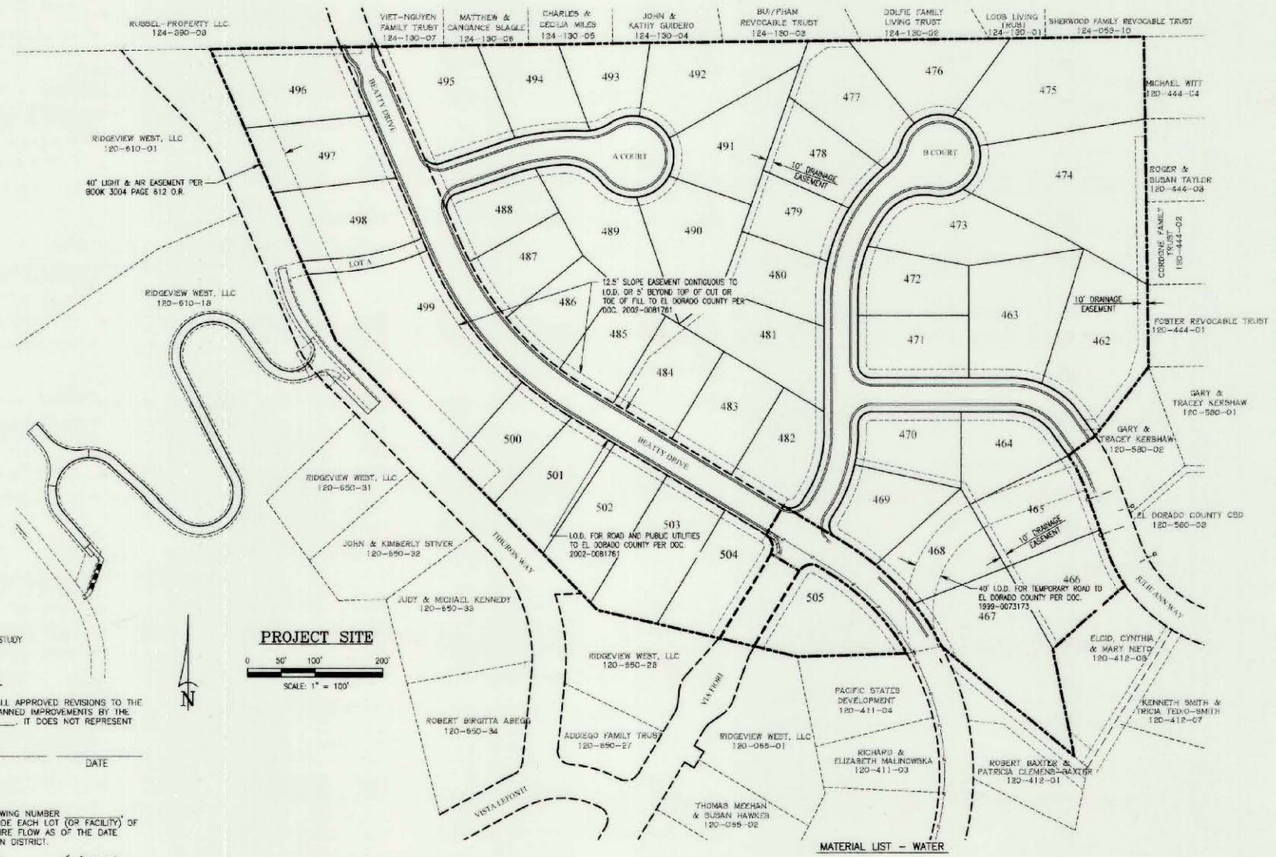
### SEWER SERVICE CERTIFICATE
I HEREBY CERTIFY THAT THE SEWER SYSTEM AS SHOWN ON DRAWING NUMBER SHEETS 1 THROUGH 32 HAS BEEN DESIGNED TO PROVIDE EACH LOT (OR FACILITY) OF THIS TRACT (PROJECT) WITH SEWER SERVICE AS OF THE DATE SHOWN, BASED ON CRITERIA SUPPLIED BY EL DORADO IRRIGATION DISTRICT.

REGISTERED CIVIL ENGINEER | C34520 RCE NO. | 1-20-22 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 — 1-20-22 DATE

OWNER/DEVELOPER — 1-24-2022 DATE




### MATERIAL LIST – SEWER

| ITEM | MANUFACTURER | MODEL/ TYPE/SIZE | QUANTITY |
|---|---|---|---|
| PIPE | | | |
| MANHOLES | | | |
| SERVICE | | | |

### MATERIAL LIST – WATER

| ITEM | MANUFACTURER | MODEL/ TYPE/SIZE | QUANTITY |
|---|---|---|---|
| PIPE | | | |
| SERVICE | | | |
| FIRE HYDRANTS | | | |
| VALVES (BY TYPE) | | | |

Approved with Conditions 01/31/2022 8:59:56 AM

### 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:

AS SHOWN

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.

_____ GEG # DATE: _____ EXPIRES: _____ (SEAL)

Eckdale RCE # DATE: 1/24/22 EXPIRES: _____ (SEAL)

REGISTERED PROFESSIONAL ENGINEER — ERIK A. MARTINEZ — No. 80665 — Exp. 3/31/23 — CIVIL — STATE OF CALIFORNIA

### SOILS REPORT TITLED:
GEOTECHNICAL EXCAVATION STUDY / RIDGEVIEW VILLAGE UNIT NO. 9 / PROJECT NO. 88303.E / OCTOBER 1989

GEOTECHNICAL ENGINEERING STUDY UPDATE / RIDGEVIEW VILLAGE UNIT 9 / PROJECT NO. E88303.004 / JANUARY 2018

RIPPABILITY STUDY / RIDGEVIEW VILLAGE UNIT 9 / PROJECT NO. E88303.005 / JANUARY 2021

### SOILS ENGINEER
YOUNGDAHL CONSULTING GROUP, INC.
1234 GLENHAVEN COURT
EL DORADO HILLS, CA 95762
916-933-0633

### EARTHWORK QUANTITIES
CUT: 72,385 CY
FILL: 69,277 CY

### AREA OF DISTURBANCE
14.3 AC

### UTILITY REPRESENTATIVES

| UTILITY | REPRESENTATIVE | TELEPHONE |
|---|---|---|
| GAS | PG & E | MELODY "W" KHO (916)200-8391 |
| ELECTRICITY | PG & E | MELODY "W" 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 | CASEY RANSDELL (916)933-6623 |
| CABLE | COMCAST | AVGOUSTIN MARCHENKO (916)376-7783 |

### PREPARED UNDER THE DIRECTION OF:
DAVID R. CROSARIOL — 1-20-22 DATE

REGISTERED PROFESSIONAL ENGINEER — DAVID ROBERT CROSARIOL — C34520 — Exp. 9-30-23 — CIVIL — STATE OF CALIFORNIA

### BENCH MARK: ELEV.=661.00
BRASS DISC STAMPED: "EL DORADO COUNTY DEPT. OF TRANSPORTATION 661.00". LOCATED IN TOP OF CUT BANK ON SOUTH SIDE OF GREEN VALLEY ROAD, 450 FEET ± EAST OF THE INTERSECTION OF GREEN VALLEY ROAD AND FRANCISCO DRIVE.

APN 120-010-01
PROPOSED ZONING: R1
WDID: 5S09C395090

### FIRE DEPARTMENT APPROVAL
APPROVED BY:
EL DORADO HILLS FIRE DEPT. — DATE

### COUNTY OF EL DORADO PLANNING AND BUILDING DEPARTMENT
3-10-22 DATE

### EL DORADO IRRIGATION DISTRICT
APPROVED BY — 3/1/22 DATE

| PROJECT NO. | WORK ORDER NO. | DRAWING NO. |
|---|---|---|
| 3488DEV | 950726 | 6466 |

### COUNTY OF EL DORADO TRANSPORTATION DIVISION
APPROVED BY:
NATALIE K. PORTER R.C.E. 42796 — DATE

REGISTERED PROFESSIONAL ENGINEER — NATALIE K. PORTER — No. 42796 — Exp. 3-31-24 — CIVIL — STATE OF CALIFORNIA

THE COUNTY'S SIGNATURE IS FOUNDED ON THE PROMISE 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.

### SHEET INDEX

1. COVER SHEET
2. CONSTRUCTION NOTES
3. CONDITIONS OF APPROVAL – SHEET 1
4. CONDITIONS OF APPROVAL – SHEET 2
5. TYPICAL ROAD SECTIONS & DETAILS
6. DETAILS
7. OVERALL UTILITY PLAN
8. FIRE & SIGNAGE PLAN – SHEET 1
9. FIRE & SIGNAGE PLAN – SHEET 2
10. PLAN & PROFILE BEATTY DRIVE
11. PLAN & PROFILE BEATTY DRIVE & 'A' COURT
12. PLAN & PROFILE 'B' COURT
13. PLAN & PROFILE JULIE ANN EXTENSION (10+00 TO 13+86.38)
14. PLAN & PROFILE OFF-SITE SEWER (10+00 TO 17+50)
15. PLAN & PROFILE OFF-SITE SEWER (17+50 TO END)
16. PLAN & PROFILE STORM DRAIN LATERALS 'A', 'B', 'C' & 'D'
17. PLAN & PROFILE STORM DRAIN LATERALS 'E' & 'F'
18. BULB DETAILS
19. GRADING PLAN AREA 1
20. GRADING PLAN AREA 2
21. GRADING PLAN AREA 3
22. GRADING PLAN AREA 4
23. GRADING DETAILS
24. PEDESTRIAN ACCESS DETAILS
25. RETAINING WALL PROFILES – SHEET 1
26. RETAINING WALL PROFILES – SHEET 2
27. RETAINING WALL PROFILES – SHEET 3
28. RETAINING WALL PROFILES – SHEET 4
29. RETAINING WALL PROFILES – SHEET 5
30. TREE REMOVAL PLAN
31. POST CONSTRUCTION STORM WATER QUALITY PLAN
32. POST CONSTRUCTION STORM WATER QUALITY DETAILS


### CONSULTANT INDEX

#### VERUX INC.
1. EROSION CONTROL – TITLE SHEET
2. EROSION CONTROL – TYPICAL STAGING LAYOUT & NOTES
3. EROSION CONTROL – EROSION CONTROL PLAN
4. EROSION CONTROL – WATER POLLUTION CONTROL DETAILS

#### HARRIS & SLOAN
SN.1 CMU RETAINING WALLS – STANDARD NOTES & DETAILS
SN.2 CMU RETAINING WALLS – STANDARD NOTES & DETAILS

#### YOUNGDAHL CONSULING GROUP, INC.
FIGURE 1 ROCKERY RETAINING WALLS – SITE PLAN
FIGURE 2-5 ROCKERY RETAINING WALLS – ROCKERY WALL DETAIL

### REVISIONS

| NUMBER | DESCRIPTION | BY | DATE |
|---|---|---|---|
| | | | |


cta Engineering & Surveying
Civil Engineering Land Surveying Land Planning
3233 Monier Circle, Rancho Cordova, CA 95742
T 916.638.9419 F 916.638.2479 www.ctaerc.net


DEVELOPER/OWNER
THE NEW HOME COMPANY
1508 EUREKA ROAD, SUITE 290
ROSEVILLE, CA 95661
PHONE (916)771-2223

IMPROVEMENT PLANS FOR:
RIDGEVIEW VILLAGE UNIT 9
COVER SHEET
TM 08-1477
EL DORADO COUNTY
CALIFORNIA

COVER SHEET

DRAWN BY: M. BABCHANIK
DESIGNED BY: G. WELLS
CHECKED BY: D. CROSARIOL

SCALE
HORIZONTAL: 1"=100'
VERTICAL: N/A
DATE: JANUARY, 2022
SHEET NO. 1 / 32
JOB NO.: 18-021-001

M:\18-021-001\ENGINEERING\PLANS\COVER\18-021-001 COVER.dwg, 22x34 PM: tjarra, 1:1