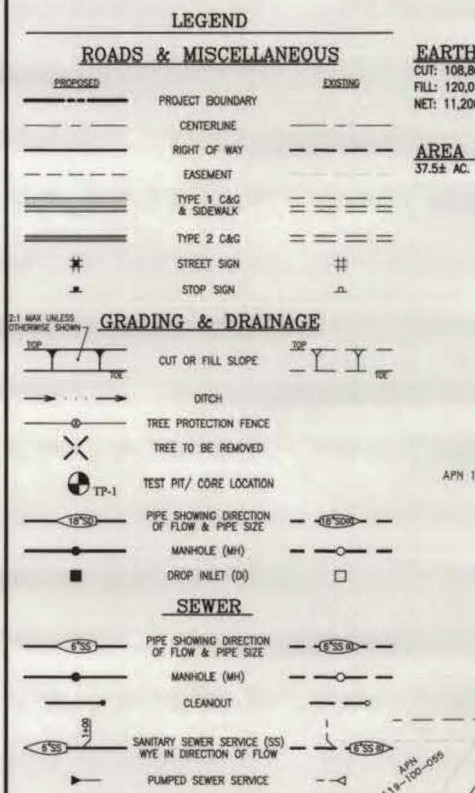
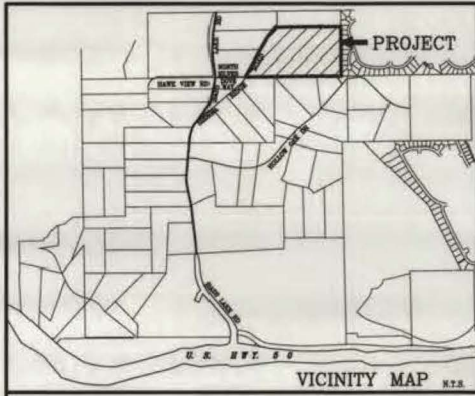


IMPROVEMENT PLANS FOR BASS LAKE NORTH

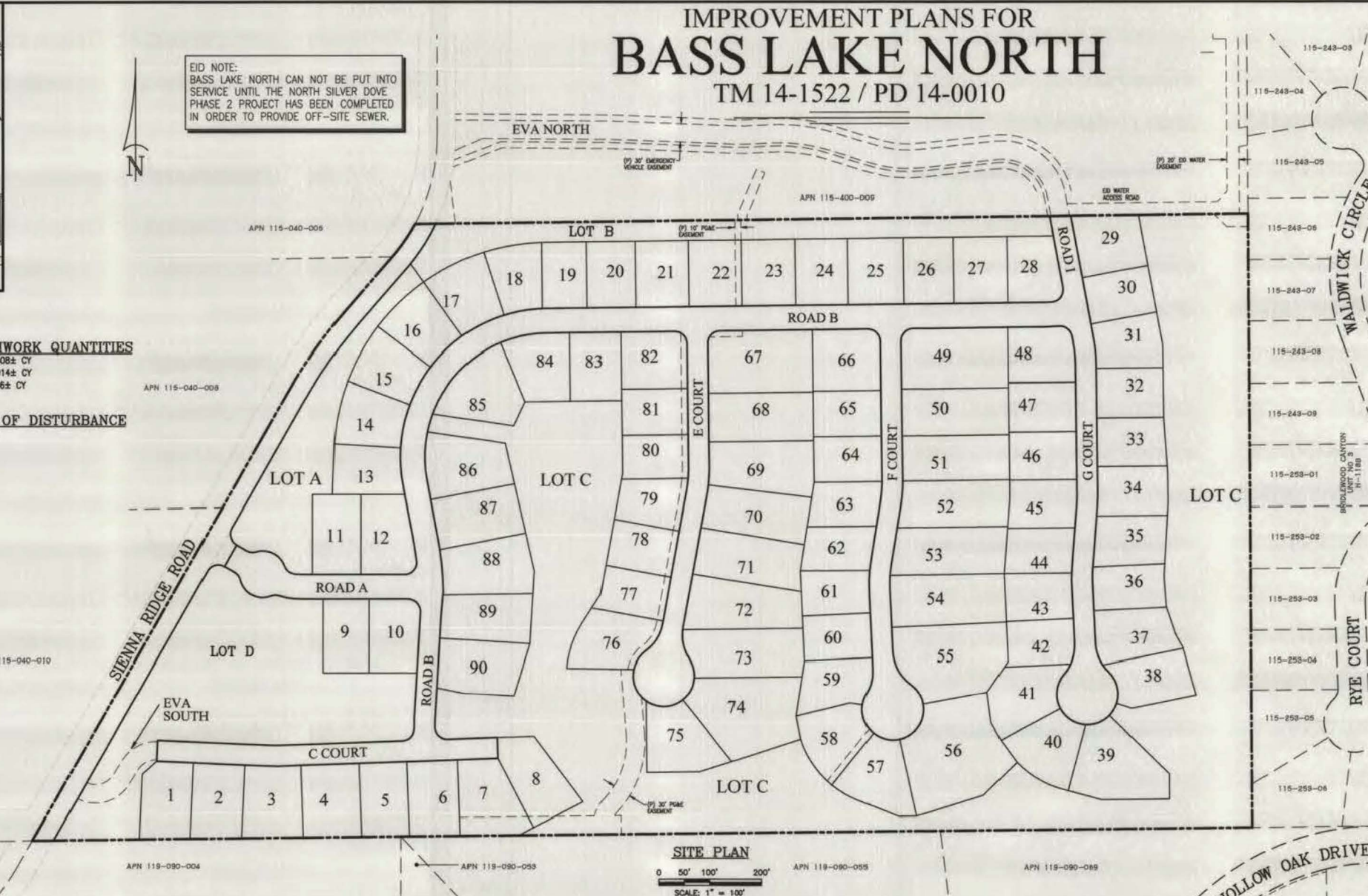
TM 14-1522 / PD 14-0010

EID NOTE:
BASS LAKE NORTH CAN NOT BE PUT INTO SERVICE UNTIL THE NORTH SILVER DOVE PHASE 2 PROJECT HAS BEEN COMPLETED IN ORDER TO PROVIDE OFF-SITE SEWER.



EARTHWORK QUANTITIES
CUT: 108,808± CY
FILL: 120,014± CY
NET: 11,206± CY

AREA OF DISTURBANCE
37.5± AC.



SHEET INDEX

- COVER SHEET
- CONSTRUCTION NOTES & ABBREVIATIONS
- TYPICAL ROAD SECTIONS
- CONSTRUCTION DETAILS - SHEET 1
- CONSTRUCTION DETAILS - SHEET 2
- CONSTRUCTION DETAILS - SHEET 3
- CONDITIONS OF APPROVAL - SHEET 1
- CONDITIONS OF APPROVAL - SHEET 2
- MITIGATION MONITORING & REPORTING PROGRAM
- REGULATORY PERMITS - SHEET 1
- REGULATORY PERMITS - SHEET 2
- REGULATORY PERMITS - SHEET 3
- REGULATORY PERMITS - SHEET 4
- REGULATORY PERMITS - SHEET 5
- OVERALL UTILITY PLAN
- PLAN & PROFILE - SIENNA RIDGE ROAD (10+00 TO 20+00)
- PLAN & PROFILE - SIENNA RIDGE ROAD (20+00 TO END) & WATER ACCESS ROAD (10+00 TO END)
- PLAN AND PROFILE - COURT C & EVA SOUTH (10+00 TO END)
- PLAN AND PROFILE - ROAD B - STA: 10+00 TO 20+00
- PLAN AND PROFILE - ROAD B (20+00 TO END) & ROAD A (10+00 TO END)
- PLAN & PROFILE - F COURT (10+00 TO END) & F COURT CUL-DE-SAC DETAIL
- PLAN & PROFILE - E COURT (10+00 TO END) & EVA LOTS 28-39
- PLAN AND PROFILE - ROAD I & G COURT - (8+00 TO END)
- PLAN AND PROFILE - STORM DRAIN LATERALS - 'X', 'Y', 'Z', 'V', 'W', 'U', 'T', 'S', 'R', 'Q', 'P', 'O', 'N', 'M', 'L', 'K', 'J', 'I', 'H', 'G', 'F', 'E', 'D', 'C', 'B', 'A'
- PLAN AND PROFILE - STORM DRAIN LATERALS 'V', 'W', 'X', 'Y', 'Z' & 'U', 'T', 'S', 'R', 'Q', 'P', 'O', 'N', 'M', 'L', 'K', 'J', 'I', 'H', 'G', 'F', 'E', 'D', 'C', 'B', 'A'
- STORM DRAIN LATERALS 'V', 'W', 'X', 'Y', 'Z' - RETAINING WALL - SHEET 1
- RETAINING WALL - SHEET 2
- DETENTION POND
- SURFACE IMPROVEMENT DETAILS ROAD A ENTRANCE & G COURT
- CURB RETURN REFERENCE
- GRADING & DRAINAGE INDEX SHEET
- GRADING & DRAINAGE PLAN - SHEET 1
- GRADING & DRAINAGE PLAN - SHEET 2
- GRADING & DRAINAGE PLAN - SHEET 3
- GRADING & DRAINAGE PLAN - SHEET 4
- GRADING SECTIONS
- GRADING DETAILS
- FIRE DEPARTMENT SPEC SHEET SHEET 1 OF 2
- FIRE DEPARTMENT SPEC SHEET SHEET 2 OF 2
- SIENNA RIDGE ROAD - SIGNING, STRIPING & PAVEMENT PLAN
- TREE PLANTING, MITIGATION & RESERVATION PLAN
- EROSION CONTROL NOTES & DETAILS
- EROSION CONTROL PLAN

NOTE:
IMPROVEMENTS SHOWN AS EXISTING (E) WITHIN NORTH SILVER DOVE WAY ARE BEING PROPOSED WITH IMPROVEMENTS TITLED "NORTH SILVER DOVE WAY STATION 72+92 TO END." EID FACILITIES PROPOSED WITH THIS PLAN SET (BASS LAKE NORTH) CANNOT BE CONNECTED, PUT IN SERVICE & OR ACCEPTED UNTIL THE NORTH SILVER DOVE FACILITIES HAVE BEEN PUT INTO SERVICE AND ACCEPTED BY EID.

GEOTECHNICAL ENGINEER
YOUNGDAHL CONSULTING GROUP
1224 GLENVIEW COURT, EL DORADO HILLS, CA 95762
(916) 933-0633

GRADING AND GEOTECHNICAL SPECIFICATIONS
GEOTECHNICAL ENGINEERING STUDY - UPDATE
PARCELS 67, 68, AND 69, BASS LAKE SPECIFIC PLAN
PREPARED BY YOUNGDAHL CONSULTING GROUP, DATED MAY 2018
(PROJECT No. E05463.001) & E-002
ROCKERY RETAINING WALL DESIGN
PREPARED BY YOUNGDAHL CONSULTING GROUP, DATED MARCH 2006 2020
(PROJECT No. E05463.003)

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:
GEOLOGICAL ENGINEERING 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.
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.

REGULATORY PERMITS:
ADCE 404: 38K-2014-00733
RWC08 401: 54082800165
CDPW 5A1600: 1600-2018-0220-52
W02: 55092393555

REVISIONS

NUMBER	DESCRIPTION	BY	DATE

RECORD DRAWING CERTIFICATE
THIS SET OF PLANS, HAVING BEEN REVIEWED BY ME, REFLECTS 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 PE NO. _____ DATE _____

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 SUPPLIED BY EL DORADO IRRIGATION DISTRICT.

Thomas A. Cassera 070046 5/5/21
REGISTERED CIVIL ENGINEER PE NO. _____ DATE _____

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 SUPPLIED BY EL DORADO IRRIGATION DISTRICT.

Thomas A. Cassera 070046 5/5/21
REGISTERED CIVIL ENGINEER PE NO. _____ 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-LEU 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.

Matthew McDonald 5/5/2021
ENGINEER DATE

Thomas A. Cassera 5/5/21
OWNER/DEVELOPER DATE

MATERIAL LIST - WATER

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

MATERIAL LIST - SEWER

ITEM	MANUFACTURER	MODEL/TYPE/SIZE	QUANTITY
PIPE			
MANHOLES			
SERVICE			
CLEANOUT			

UTILITY REPRESENTATIVES

UTILITY	REPRESENTATIVE	TELEPHONE
GAS	PG & E	SARABETH PANELA (628)200-1824
ELECTRICITY	PG & E	SARABETH PANELA (628)200-1824
TELEPHONE	AT&T	WILLARD ASTRO (916)453-0136
WATER	EID	MIKE BRINK (530)642-4054
SEWER	EID	MIKE BRINK (530)642-4054
DRAINAGE	EL DORADO COUNTY	CONTACT INSPECTOR (530)621-5600 (800) 227-2800
USA		
FIRE	EL DORADO HILLS FIRE	MARSHALL COX (916)933-6623
CABLE	COMCAST	AVOUSTIN MARCHENCO (916)376-7783

APN 115-400-06, 07, & 08

PREPARED UNDER THE DIRECTION OF:
Thomas A. Cassera 5/5/21
THOMAS A. CASSERA DATE

FIRE DEPARTMENT APPROVAL
APPROVED BY:
Cassy Russell 5/21/21
EL DORADO HILLS FIRE DEPT. DATE

EL DORADO IRRIGATION DISTRICT
APPROVED BY:
[Signature] 6/1/22
DATE

PROJECT No. 311800 WORK ORDER No. 877485 DRAWING No. 6442

COUNTY OF EL DORADO PLANNING & BUILDING DEPARTMENT
APPROVED BY:
Mel Morales 6/2/21
DATE

COUNTY OF EL DORADO DEPARTMENT OF TRANSPORTATION
APPROVED BY:
Natasha Porter 6/2/21
DATE

COUNTY OF EL DORADO PROFESSIONAL ENGINEER
THOMAS A. CASSERA
No. 42796
Exp. 3-31-22
CIVIL
STATE OF CALIFORNIA
DATE 5/5/21

COUNTY OF EL DORADO PROFESSIONAL ENGINEER
MATTHEW MCDONALD
No. 42796
Exp. 3-31-22
CIVIL
STATE OF CALIFORNIA
DATE 5/5/21

COVER SHEET

DRAWN BY: STAFF
DESIGNED BY: T. CASSERA
CHECKED BY: B. ALLEN
SCALE: _____
HORIZONTAL: AS SHOWN
VERTICAL: N/A
DATE: MAY, 2021
SHEET NO. 1
JOB NO.: 05-012-002

cta Engineering & Surveying
Civil Engineering & Land Surveying
3233 Muller Circle, Rancho Cordova, CA 95672
1-800-828-8888

DEVELOPER/OWNER
TOLL BROTHERS
2800 E. BOWELL STREET, SUITE 201
FOLSOM, CA 95630
(916) 358-3701

BASS LAKE NORTH
COVER SHEET
TM 14-1522/PD 14-0010