

Mayor

Rick Rosenberg

City Manager

Brock Jacobsen



City Council

Denny Drake

Leina Mathis

Ben Shakespeare

Jarett Waite

Christa Hinton

CITY COUNCIL

Meeting Date: 26/Jul/23

Agenda Item: 6

Applicant: N/A

Requested by: Dustin Mouritsen

Subject: Vineyard Drive Phase 2 Re-construct

Description:

Consider approval of the Vineyard Drive Phase 2 re-construct to Whitaker Construction.

Recommendation: Approval

Attachments: Yes

Cost: 691232.5

Legal Approval: Yes

Finance Approval: Yes

Budget Approval: Yes

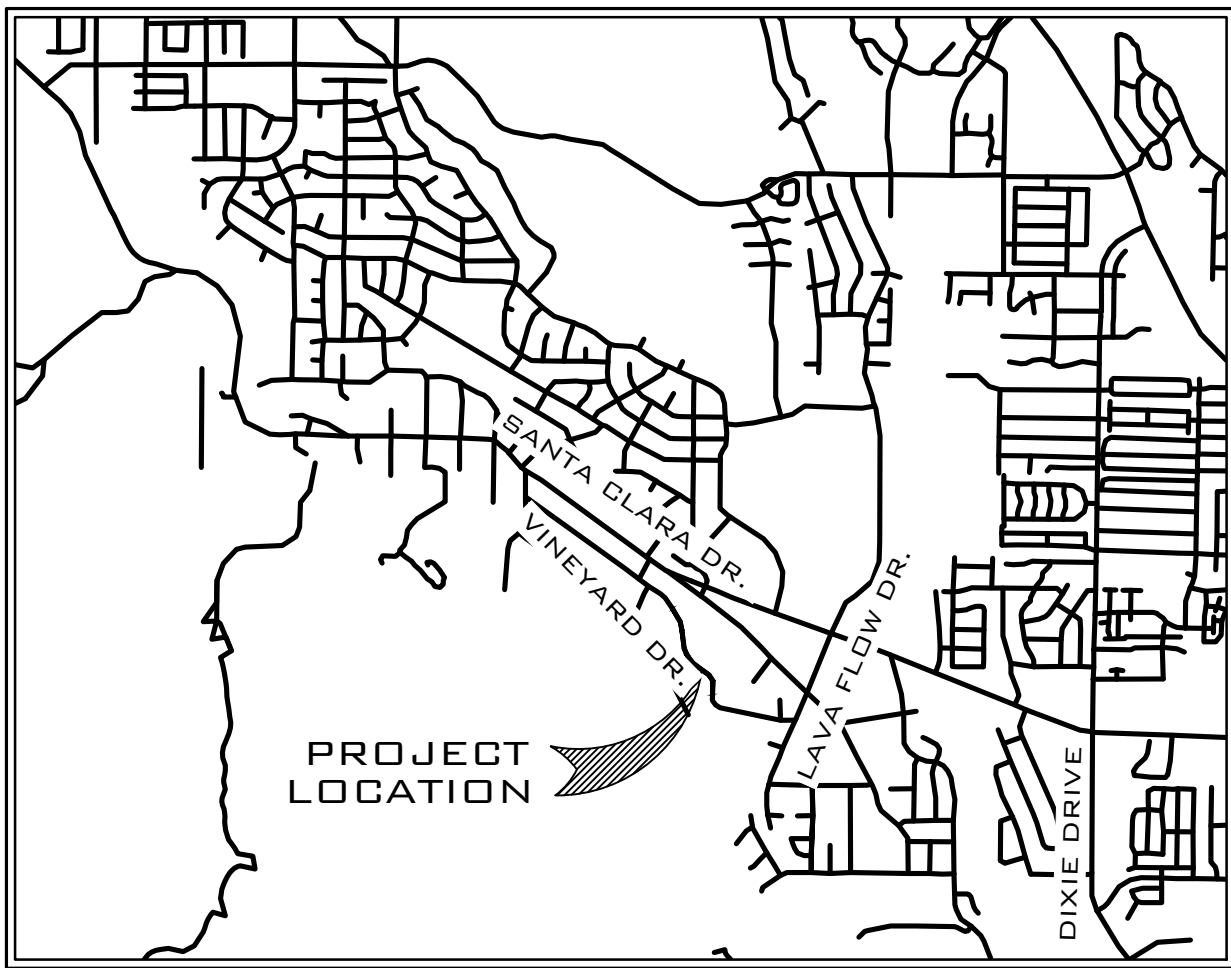
Final Bid Tab 7/11/2023

Vineyard Drive Phase 2

No.	Item	Unit	Estimated Quantity	Engineer's Estimate		Whitaker Construction	
				Unit Price	Total Price	Unit Price	Total Price
1	Mobilization	Lump	1	\$47,000.00	\$47,000.00	\$85,000.00	\$85,000.00
2	SWPPP, Traffic Control, & Site Access	Lump	1.0	\$10,000.00	\$10,000.00	\$24,400.00	\$24,400.00
3	Clear and Grub	Acre	2	\$2,500.00	\$4,250.00	\$3,910.00	\$6,647.00
4	Earthwork	Cu Yd	1,791	\$10.00	\$17,910.00	\$21.50	\$38,506.50
5	Asphalt - 2 1/2" Depth	Sq Ft	51,669	\$1.75	\$90,420.75	\$1.80	\$93,004.20
6	3/4" Roadbase - 6" Depth	Sq Ft	51,669	\$1.00	\$51,669.00	\$1.00	\$51,669.00
7	30" HB Curb & Gutter	Ln Ft	2,438	\$22.00	\$53,636.00	\$28.00	\$68,264.00
8	4' Sidewalk	Sq Ft	9,712	\$8.00	\$77,696.00	\$10.50	\$101,976.00
9	ADA Accessible Ramp	Each	2	\$2,500.00	\$5,000.00	\$2,820.00	\$5,640.00
10	4" Thick Concrete Driveway	Sq Ft	3,797	\$8.00	\$30,376.00	\$8.80	\$33,413.60
11	Driveway Curb Cut	Ln Ft	377	\$45.00	\$16,965.00	\$7.50	\$2,827.50
12	6' Cross Gutter	Sq Ft	427	\$20.00	\$8,540.00	\$15.50	\$6,618.50
13	Single Curb Inlet Catch Basin	Each	2	\$6,500.00	\$13,000.00	\$7,110.00	\$14,220.00
14	15" Poly Storm Drain Pipe	Ln Ft	115	\$75.00	\$8,625.00	\$74.50	\$8,567.50
15	Replace Storm Drain Grate with Curb Inlet	Each	1	\$5,000.00	\$5,000.00	\$1,610.00	\$1,610.00
16	Replace Storm Drain Grate with Manhole Lid and Collar	Each	2	\$5,000.00	\$10,000.00	\$1,100.00	\$2,200.00
17	Sidewalk Drain Structure	Each	1	\$7,000.00	\$7,000.00	\$4,530.00	\$4,530.00
18	Power Trench and Conduit	Ln Ft	1,690	\$60.00	\$101,400.00	\$52.50	\$88,725.00
19	Raise and Collar Water Valves	Each	9	\$1,500.00	\$13,500.00	\$400.00	\$3,600.00
20	Raise and Collar Sanitary Sewer Manholes	Each	7	\$3,000.00	\$21,000.00	\$575.00	\$4,025.00
21	Raise and Collar Irrigation Valves	Each	3	\$1,500.00	\$4,500.00	\$400.00	\$1,200.00
22	Remove Existing Asphalt	Sq Ft	40,740	\$1.25	\$50,925.00	\$0.25	\$10,185.00
23	Remove Existing Concrete Flatwork	Sq Ft	3,560	\$5.00	\$17,800.00	\$2.00	\$7,120.00
24	Remove Existing 2' CMU Retaining Wall	Ln Ft	264	\$30.00	\$7,920.00	\$10.50	\$2,772.00
25	Remove Existing Concrete Ditch	Ln Ft	273	\$30.00	\$8,190.00	\$23.00	\$6,279.00
26	Fill Concrete Ditches to Adjacent Grade	Cu Yd	65	\$25.00	\$1,625.00	\$20.50	\$1,332.50
27	Remove Existing Driveway Bridges	Sq Ft	326	\$30.00	\$9,780.00	\$5.20	\$1,695.20
28	Remove Large Tree	Each	1	\$3,500.00	\$3,500.00	\$1,430.00	\$1,430.00
29	Relocate Mailbox	Each	1	\$3,000.00	\$3,000.00	\$1,580.00	\$1,580.00
30	Install 8" Water Line (Furnished by Others)	Ln Ft	210	\$25.00	\$5,250.00	\$31.50	\$6,615.00
31	Install 3/4" Water Meter with Service (Furnished by Others)	Each	2	\$1,500.00	\$3,000.00	\$995.00	\$1,990.00
32	Install 8" Gate Valve (Furnished by Others)	Each	1	\$2,000.00	\$2,000.00	\$970.00	\$970.00
33	Install 8" Bends (Furnished by Others)	Each	2	\$500.00	\$1,000.00	\$365.00	\$730.00
34	Install 4" Sewer Lateral with Cleanout (Furnished by Others)	Each	2	\$1,500.00	\$3,000.00	\$945.00	\$1,890.00
Total					\$714,477.75		\$691,232.50

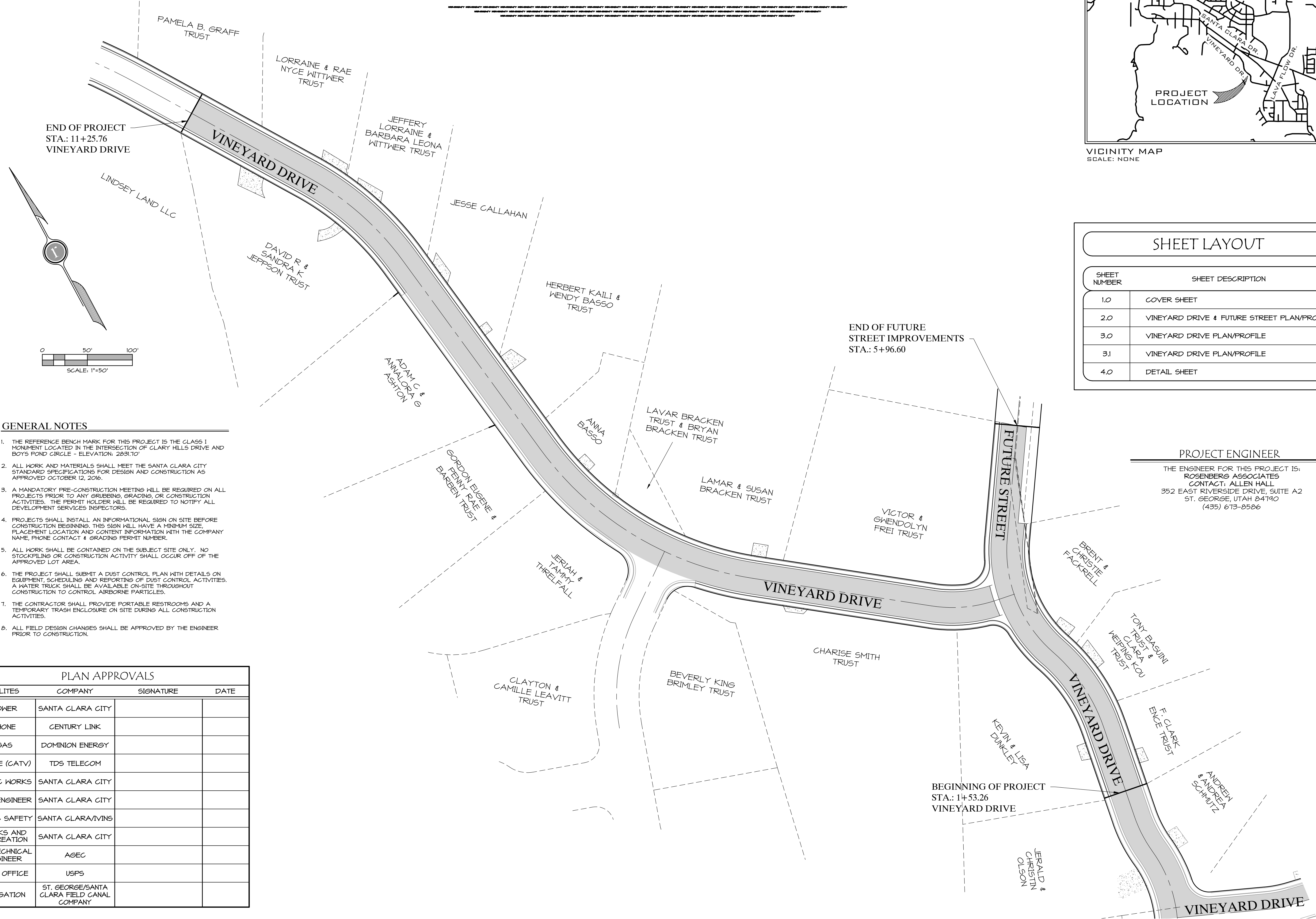
VINEYARD DRIVE - PHASE 2

LOCATED IN SECTION 22, TOWNSHIP 42 SOUTH, RANGE 16 WEST OF THE SALT LAKE
BASE AND MERIDIAN IN SANTA CLARA CITY, WASHINGTON COUNTY, UTAH.



VICINITY MAP
SCALE: NONE

SHEET LAYOUT	
SHEET NUMBER	SHEET DESCRIPTION
1.0	COVER SHEET
2.0	VINEYARD DRIVE & FUTURE STREET PLAN/PROFILE
3.0	VINEYARD DRIVE PLAN/PROFILE
3.1	VINEYARD DRIVE PLAN/PROFILE
4.0	DETAIL SHEET



GENERAL NOTES

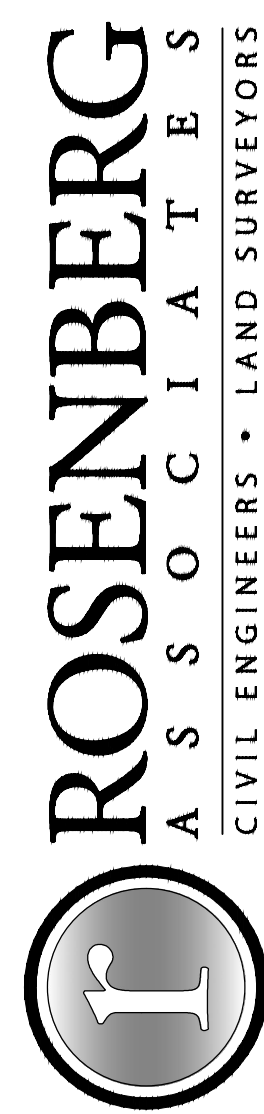
1. THE REFERENCE BENCH MARK FOR THIS PROJECT IS THE CLASS 1 MONUMENT LOCATED IN THE INTERSECTION OF CLARY HILLS DRIVE AND BOYS FOND CIRCLE - ELEVATION: 2831.70'
2. ALL WORK AND MATERIALS SHALL MEET THE SANTA CLARA CITY STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION AS APPROVED OCTOBER 12, 2016.
3. A MANDATORY PRE-CONSTRUCTION MEETING WILL BE REQUIRED ON ALL PROJECTS PRIOR TO ANY GRUBBING, GRADING, OR CONSTRUCTION ACTIVITIES. THE PERMIT HOLDER WILL BE REQUIRED TO NOTIFY ALL DEVELOPMENT SERVICES INSPECTORS.
4. PROJECTS SHALL INSTALL AN INFORMATIONAL SIGN ON SITE BEFORE CONSTRUCTION BEGINNINGS. THIS SIGN WILL HAVE A MINIMUM SIZE, PLACEMENT LOCATION AND CONTENT INFORMATION WITH THE COMPANY NAME, PHONE CONTACT & GRADING PERMIT NUMBER.
5. ALL WORK SHALL BE CONTAINED ON THE SUBJECT SITE ONLY. NO STOCKPILING OR CONSTRUCTION ACTIVITY SHALL OCCUR OFF OF THE APPROVED LOT AREA.
6. THE PROJECT SHALL SUBMIT A DUST CONTROL PLAN WITH DETAILS ON EQUIPMENT, SCHEDULING AND REPORTING OF DUST CONTROL ACTIVITIES. A WATER TRUCK SHALL BE AVAILABLE ON-SITE THROUGHOUT CONSTRUCTION TO CONTROL AIRBORNE PARTICLES.
7. THE CONTRACTOR SHALL PROVIDE PORTABLE RESTROOMS AND A TEMPORARY TRASH ENCLOSURE ON SITE DURING ALL CONSTRUCTION ACTIVITIES.
8. ALL FIELD DESIGN CHANGES SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

PLAN APPROVALS			
UTILITIES	COMPANY	SIGNATURE	DATE
POWER	SANTA CLARA CITY		
PHONE	CENTURY LINK		
GAS	DOMINION ENERGY		
CABLE (CATV)	TDS TELECOM		
PUBLIC WORKS	SANTA CLARA CITY		
CITY ENGINEER	SANTA CLARA CITY		
PUBLIC SAFETY	SANTA CLARA/IVINS		
PARKS AND RECREATION	SANTA CLARA CITY		
GEOTECHNICAL ENGINEER	AGEC		
POST OFFICE	USPS		
IRRIGATION	ST. GEORGE/SANTA CLARA FIELD CANAL COMPANY		

PROJECT ENGINEER

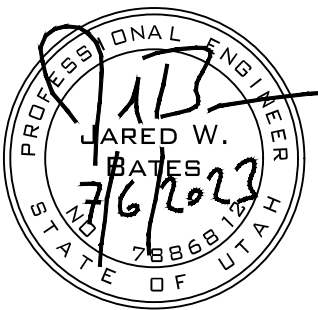
THE ENGINEER FOR THIS PROJECT IS:
ROSENBERG ASSOCIATES
CONTACT: ALLEN HALL
352 EAST RIVERSIDE DRIVE, SUITE A2
ST. GEORGE, UTAH 84710
(435) 673-8586

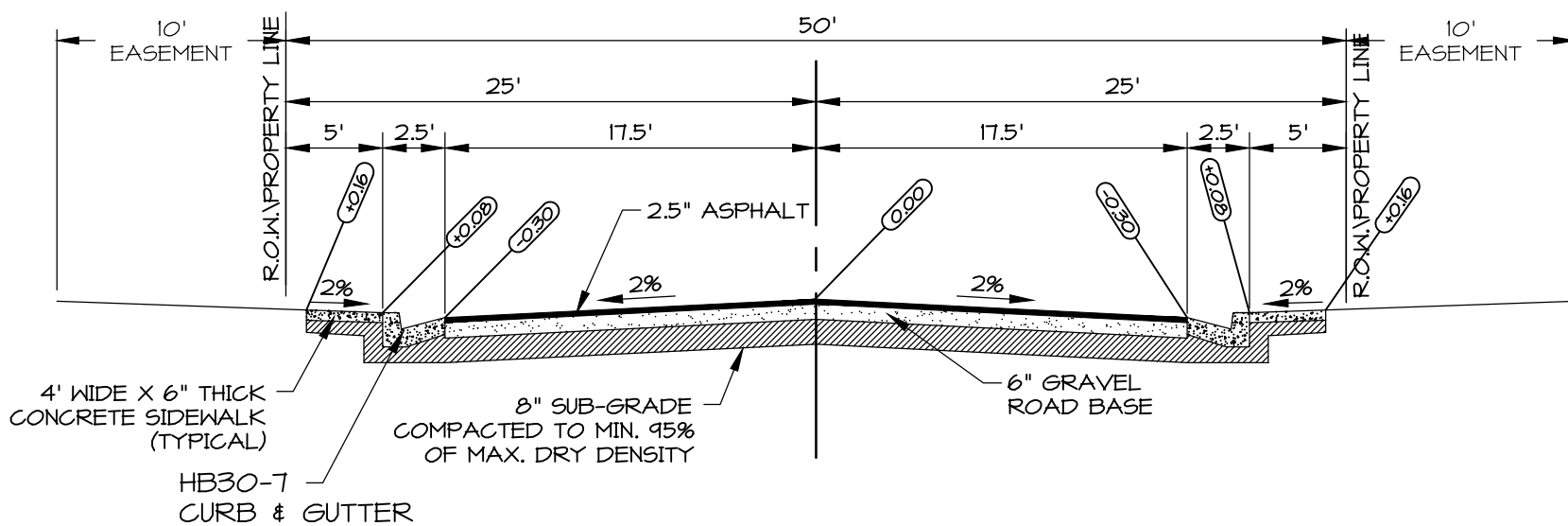
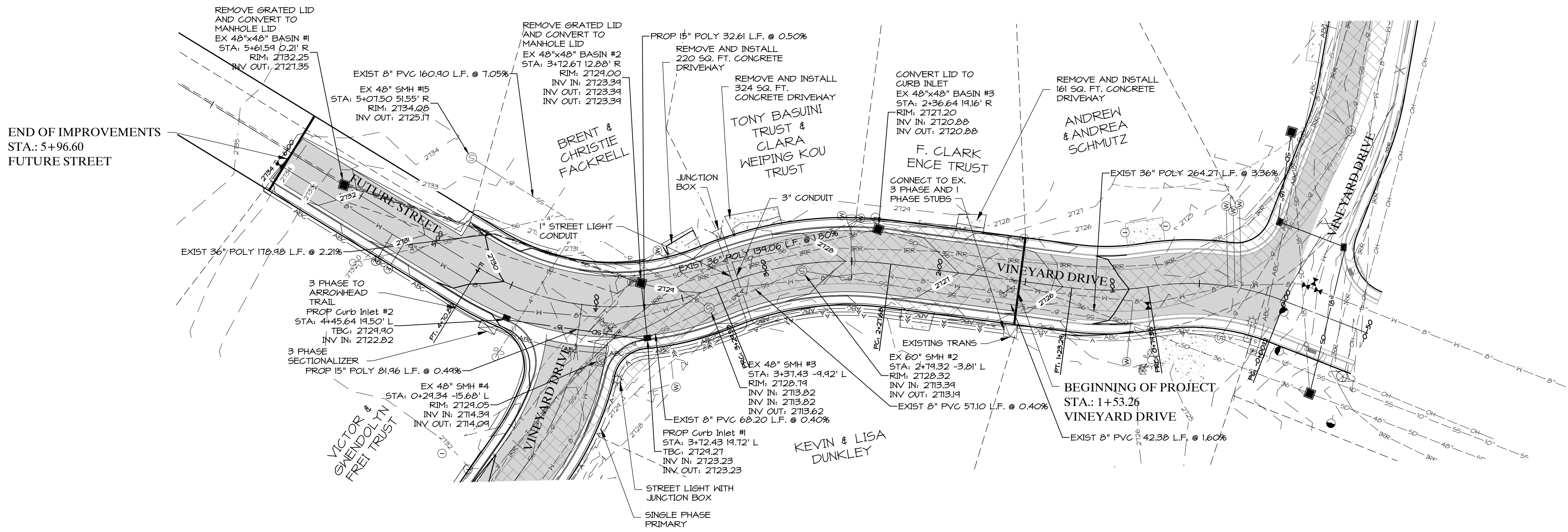
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CHECKED BY:	JWB
DWG:	Const Dwgs
DATE:	
REVISIONS:	



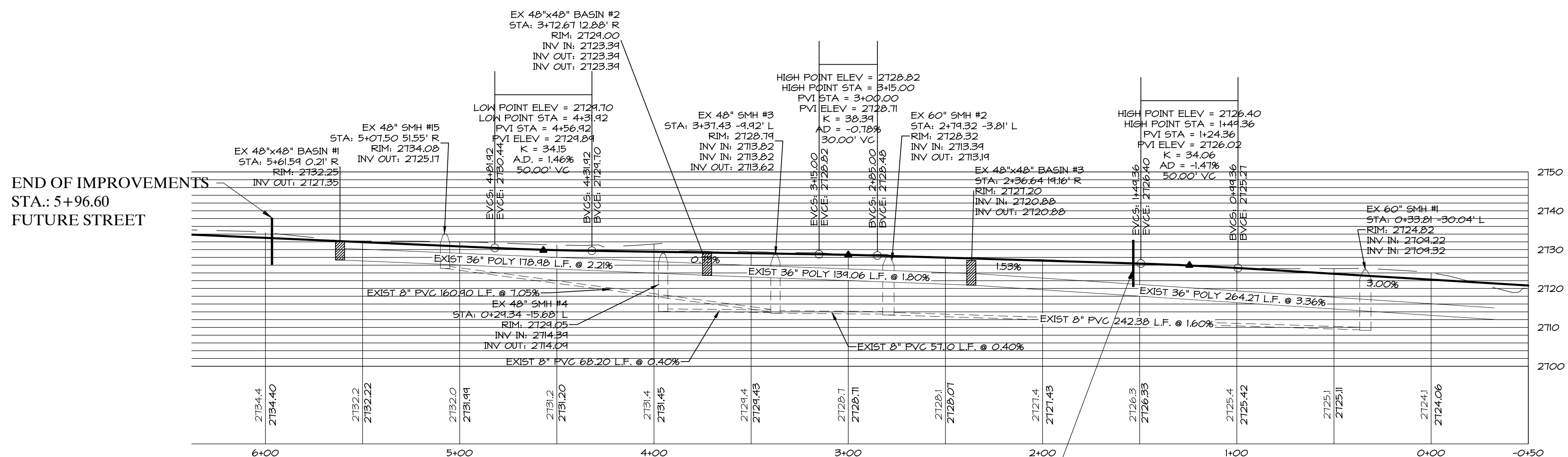
352 East Riverside Drive, Suite A-2
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www.racivil.com

COVER SHEET
FOR
VINEYARD DRIVE IMPROVEMENTS, PHASE 2
SANTA CLARA
UTAH





VINEYARD DRIVE CROSS SECTION
SCALE: N.T.S.



BEGINNING OF IMPROVEMENTS
STA.: 1+53.26
VINEYARD DRIVE

VINEYARD DRIVE & FUTURE STREET

HORIZ. SCALE = 1" = 40'
VER. SCALE = 1" = 20'

UTILITY LEGEND		
---	EXISTING WATER LINE (SIZE INDICATED ON PLAN)	EXISTING WATER
---	EXISTING SEWER LINE (SIZE INDICATED ON PLAN)	EXISTING SEWER
---	EXISTING STORM DRAIN LINE (SIZE INDICATED ON PLAN)	EXISTING STORM DRAIN
---	EXISTING OVERHEAD	EXISTING OVERHEAD
---	EXISTING COMMUNICATION	EXISTING COMMUNICATION
---	EXISTING GAS LINE	EXISTING GAS LINE
---	EXISTING IRRIGATION LINE	EXISTING IRRIGATION LINE
---	EXISTING FIRE	EXISTING FIRE
---	EXISTING IRRIGATION	EXISTING IRRIGATION
---	EXISTING METER	EXISTING METER
---	EXISTING SEWER MANHOLE	EXISTING SEWER MANHOLE
---	EXISTING CURB INLET	EXISTING CURB INLET
---	EXISTING POWER POLE	EXISTING POWER POLE
---	EXISTING GUY WIRE	EXISTING GUY WIRE
---	EXISTING COMMUNICATION	EXISTING COMMUNICATION
---	EXISTING ELECTRICAL BOX	EXISTING ELECTRICAL BOX

EARTHWORK VOLUMES:

1791	(C) CU. YD. CUT
323	(F) CU. YD. FILL
1468	(C) CU. YD. NET

THE EARTHWORK CUT AND FILL VOLUMES SHOWN ON THIS PLAN ARE BASED SOLELY ON THE VOLUME DIFFERENCES BETWEEN TWO DIGITAL TERRAIN MODELS (DTMS), OR SURFACES, THE EXISTING GROUND SURFACE AND THE PROPOSED FINISHED GRADE SURFACE. THIS IS PRESENTED FOR REFERENCE ONLY AS THE FIRST STEP IN THE PROCESS OF PERFORMING THOROUGH EARTHWORK CALCULATIONS AND IT DOES NOT REFLECT OR REPRESENT A FINAL ESTIMATE OF ACTUAL EARTH TO BE MOVED. UPON REVIEW OF THE GEOTECHNICAL REPORT, THE CONTRACTOR RESPONSIBLE FOR EXCAVATION SHALL ACCOUNT FOR OVER-EXCAVATION, SCARIFYING, AND ADJUSTMENT TO SUB-GRADE FOR ALL IMPROVEMENTS INCLUDING LANDSCAPING, BULKING AND/OR SHRINKAGE OF MATERIAL, IMPORT OF BEDDING MATERIAL AND OTHER MATERIALS, EXCAVATION AND COMPACTION OF UTILITY TRENCHES, AND OTHER FACTORS TO MAKE A FINAL DETERMINATION OF THE TOTAL EARTHWORK REQUIRED FOR THE PROJECT. IN SOME CASES ADDITIONAL CONSULTATIONS WITH THE GEOTECHNICAL ENGINEER AND CIVIL ENGINEER MAY BE REQUIRED.

DATE: 1/6/23
JOB NO.: 12454-21-001
DESIGNED BY: AMH
CHECKED BY: JWB
DWG: Const Dwg

REVISIONS

DATE

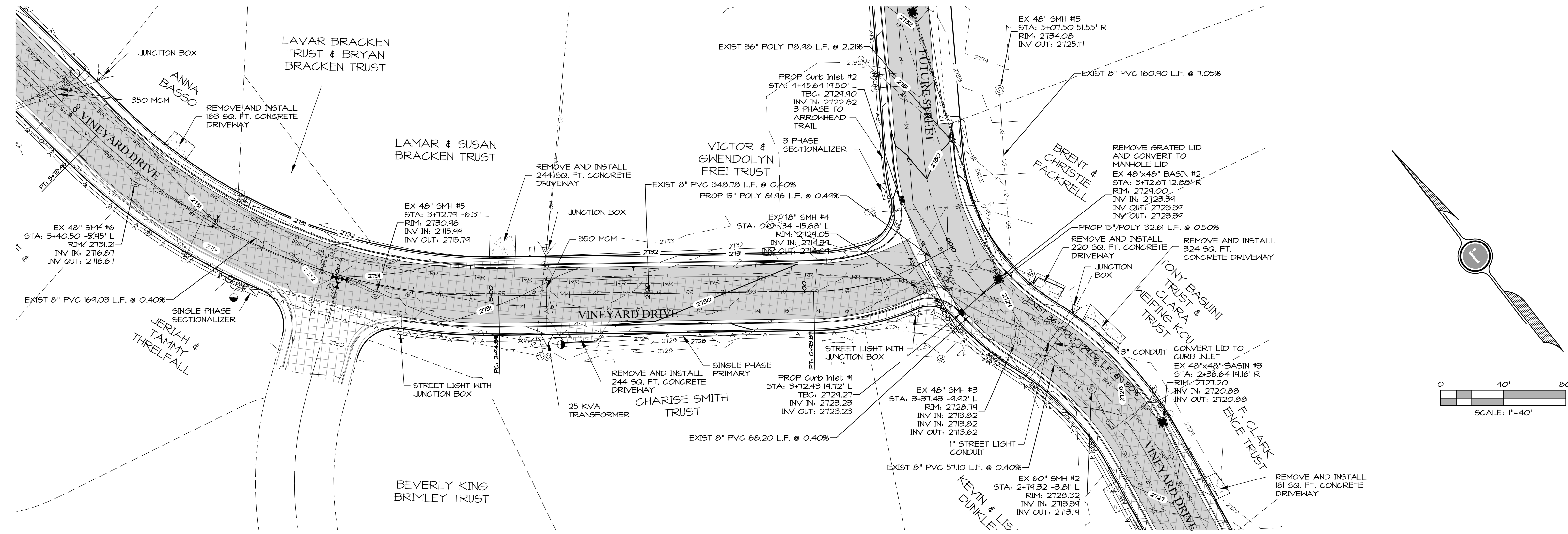
ROSENBERG ASSOCIATES
CIVIL ENGINEERS • LAND SURVEYORS

352 East Riverside Drive, Suite A-2
St. George, Utah 84790
Ph (435) 673-8899, Fx (435) 673-8397
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PLAN/PROFILE - VINEYARD DRIVE & FUTURE STREET
FOR
VINEYARD DRIVE IMPROVEMENTS, PHASE 2
SANTA CLARA
UTAH

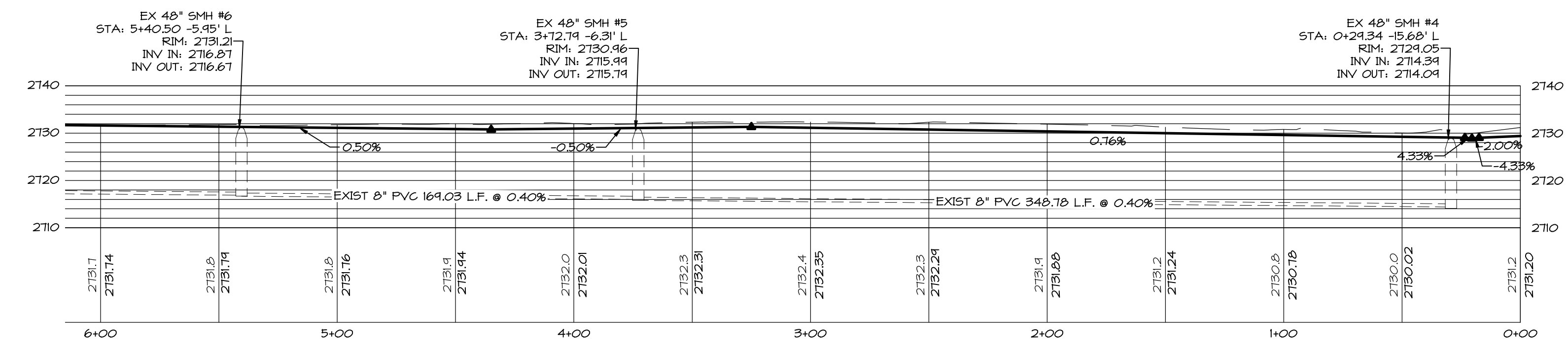
PROFESSIONAL ENGINEER
JARED W. BATES
1/6/23
STATE OF UTAH

SHEET
2.0
2 OF 5 SHEETS



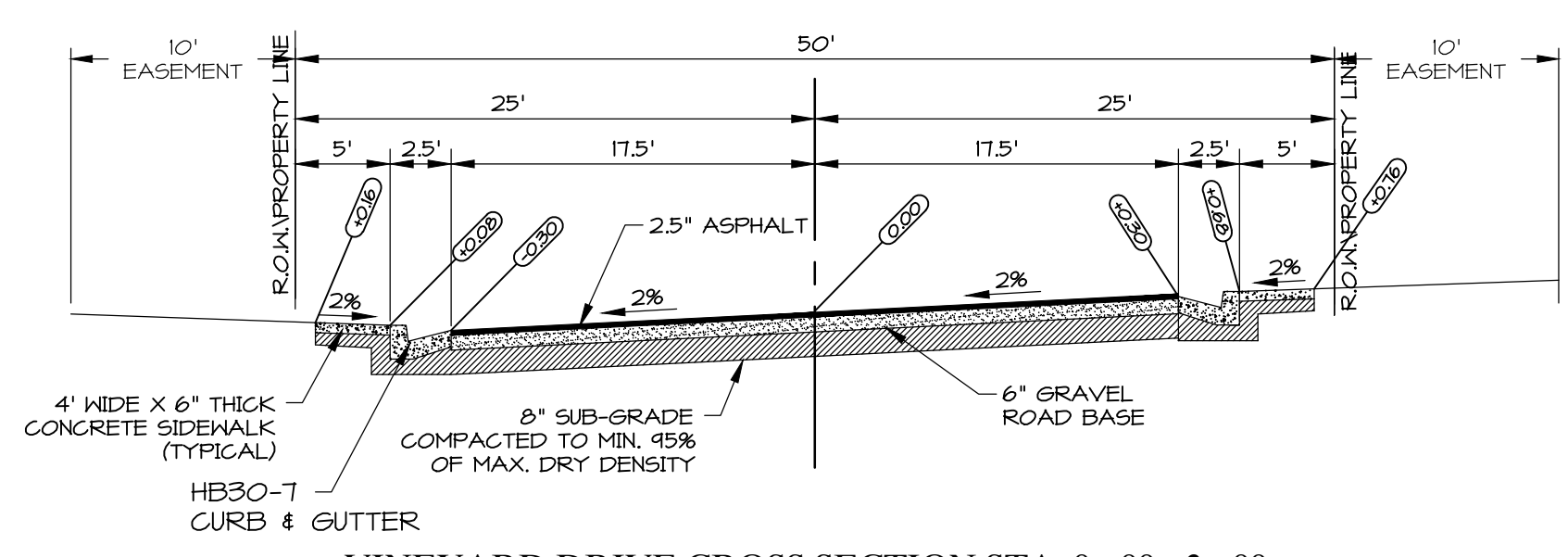
UTILITY LEGEND

---	EXISTING WATER LINE (SIZE INDICATED ON PLAN)	⊗	EXISTING WATER VALVE
---	EXISTING SEWER LINE (SIZE INDICATED ON PLAN)	⊗	EXISTING WATER METER
---	EXISTING STORM DRAIN LINE (SIZE INDICATED ON PLAN)	⊗	EXISTING FIRE HYDRANT
---	EXISTING OVERHEAD POWER	⊗	EXISTING IRRIGATION VALVE
---	EXISTING COMMUNICATION LINE	⊗	EXISTING IRRIGATION VALVE
---	EXISTING GAS LINE	⊗	EXISTING SEWER MANHOLE
---	EXISTING IRRIGATION LINE	⊗	EXISTING CURB INLET
---		⊗	EXISTING POWER POLE
---		⊗	EXISTING GUY WIRE
---		⊗	EXISTING COMMUNICATION
---		⊗	EXISTING ELECTRICAL BOX

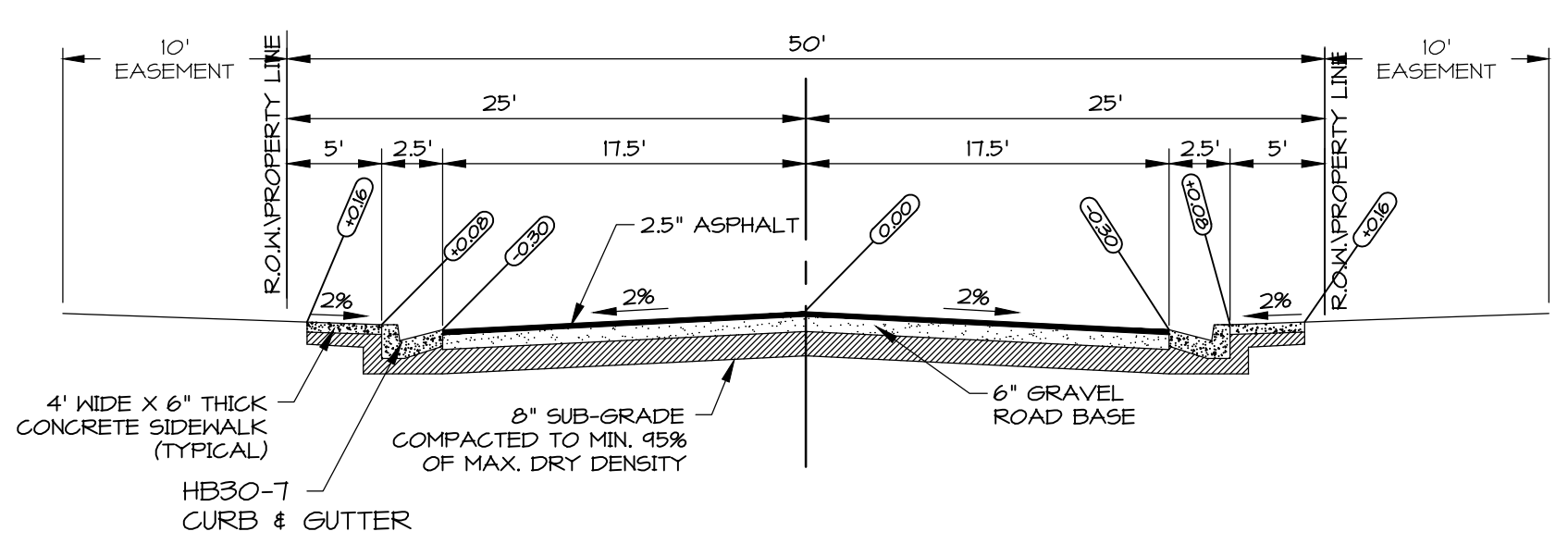


VINEYARD DRIVE

HORIZ. SCALE = 1" = 40'
VER. SCALE = 1" = 20'



VINEYARD DRIVE CROSS SECTION STA. 0+00 - 3+00
SCALE: N.T.S.

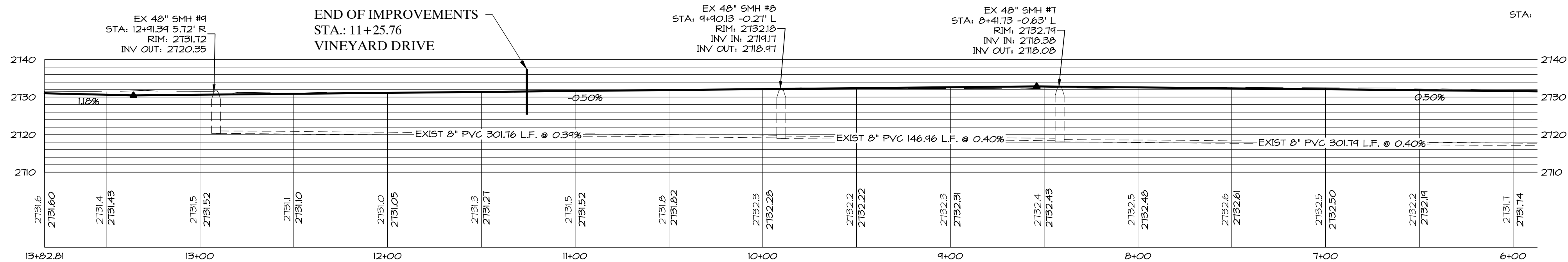
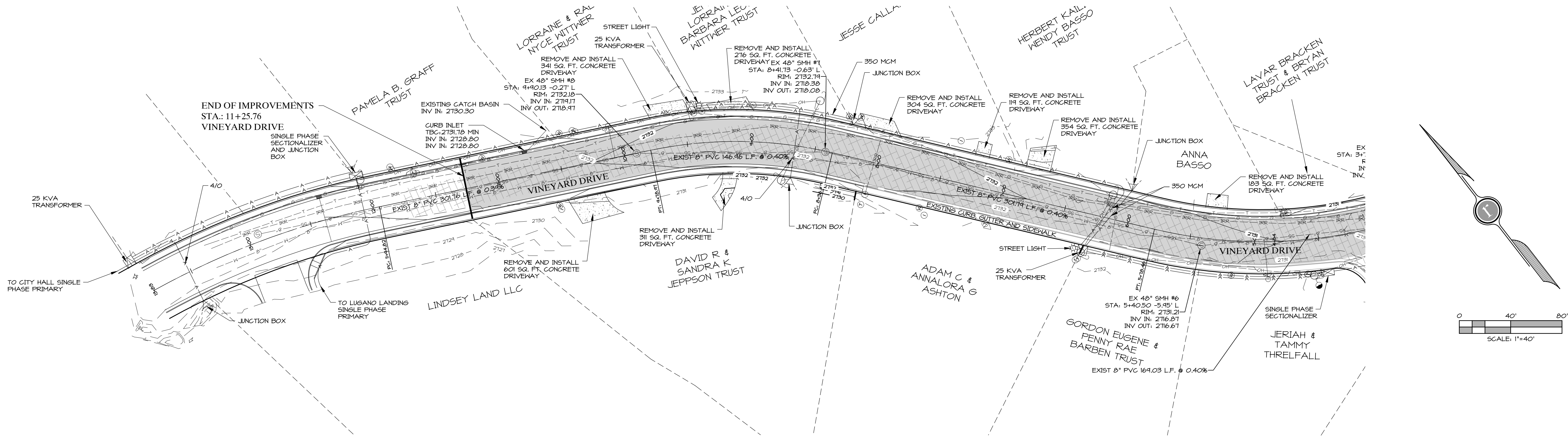


VINEYARD DRIVE CROSS SECTION STA. 3+50 - 13+82.31
SCALE: N.T.S.

EARTHWORK VOLUMES:

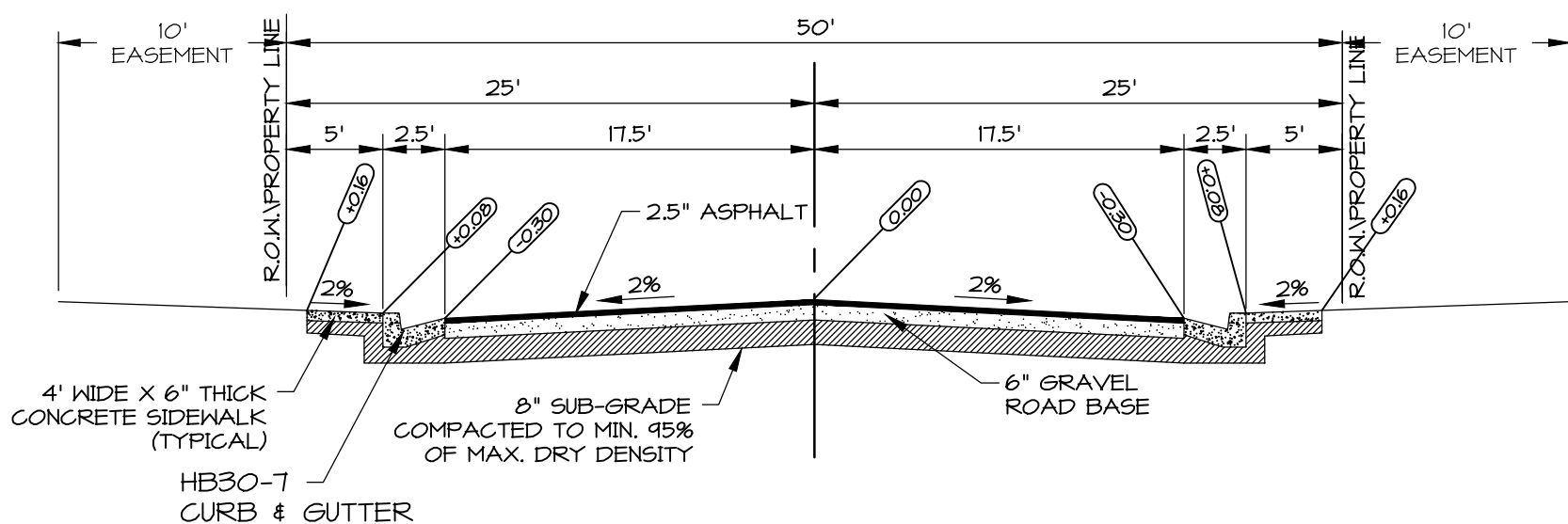
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323	(F) CU. YD. FILL
1468	(C) CU. YD. NET

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VINEYARD DRIVE

HORIZ. SCALE = 1" = 40'
VER. SCALE = 1" = 20'



VINEYARD DRIVE CROSS SECTION STA. 3+50 - 13+82.31
SCALE: N.T.S.

UTILITY LEGEND

---	EXISTING WATER LINE (SIZE INDICATED ON PLAN)	⊗	EXISTING WATER VALVE
---	EXISTING SEWER LINE (SIZE INDICATED ON PLAN)	⊗	EXISTING WATER VALVE
---	EXISTING STORM DRAIN LINE (SIZE INDICATED ON PLAN)	⊗	EXISTING FIRE HYDRANT
---	EXISTING OVERHEAD POWER	⊗	EXISTING IRRIGATION VALVE
---	EXISTING COMMUNICATION LINE	⊗	EXISTING IRRIGATION VALVE
---	EXISTING GAS LINE	⊗	EXISTING SEWER MANHOLE
---	EXISTING IRRIGATION LINE	⊗	EXISTING CURB INLET
---		⊗	EXISTING POWER POLE
---		⊗	EXISTING GUY WIRE
---		⊗	EXISTING COMMUNICATION
---		⊗	EXISTING ELECTRICAL BOX



Know what's below.
Call before you dig.

NOTES:
EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

EARTHWORK VOLUMES:

1,740	(C) CU. YD. CUT
323	(F) CU. YD. FILL
1,468	(C) CU. YD. NET

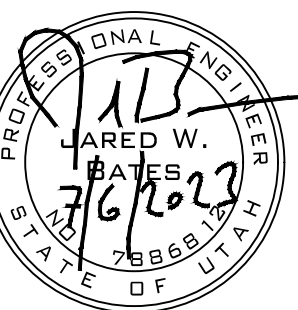
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PLAN/PROFILE - VINEYARD DRIVE FOR VINEYARD DRIVE IMPROVEMENTS, PHASE 2 SANTA CLARA UTAH

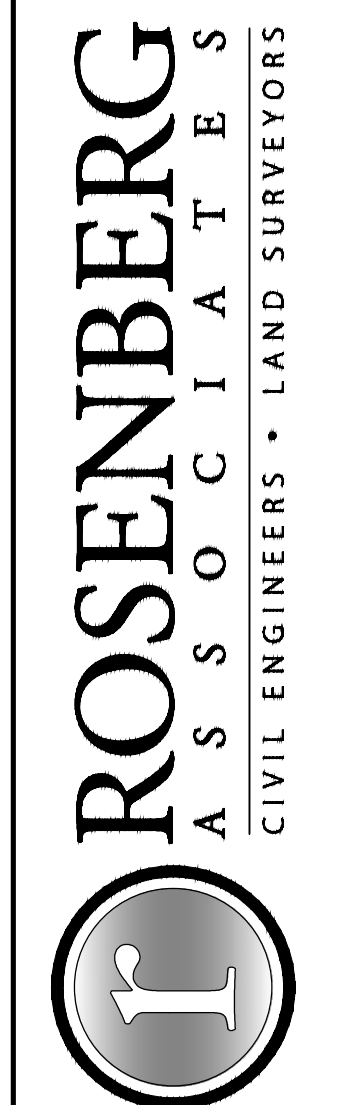


SHEET

3.1

4 OF 5 SHEETS

DATE:		7/6/23	
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DETAIL SHEET
FOR
VINEYARD DRIVE IMPROVEMENTS
SANTA CLARA
UTAH

SHEET
4.0
5 OF 5 SHEETS

SANTA CLARA CITY STANDARD DETAIL DRAWINGS	
ROADWAY DETAIL DRAWINGS (SERIES 100)	DRAWING NUMBER
* STANDARD CURB & GUTTER DETAIL	100
CONCRETE CURB & GUTTER (R/30 & PR24)	101
* DRIVEWAY CURB (TYPE HB30-7) DETAILS	110
* DRIVEWAY APRON DETAILS	111
* STANDARD SIDEWALK DETAILS	120
* HANDICAP RAMP DETAILS	121
* STANDARD CONCRETE JOINT DETAILS	122
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RESIDENTIAL ACCESS - A	142
RESIDENTIAL ACCESS - B	143
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DRIVEWAY WITHOUT CURBING (50' & 60' RIGHT OF WAY)	153
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CLASS II MONUMENT	161
* TRENCH BACKFILL AND REPAIR DETAIL	170
* MANHOLES & VALVE BOXES CONCRETE COLLAR	171
* CONCRETE WATER VALVE COLLAR	172
* CONCRETE MANHOLE COLLAR	173
* CONCRETE IRRIGATION VALVE COLLAR	174
DRAINAGE & SEWER DETAIL DRAWINGS (SERIES 200)	
* CURB INLET SINGLE CATCH BASIN BOX (PAGE 1)	200A
CURB INLET DOUBLE CATCH BASIN BOX (PAGE 2)	200B
* CURB INLET SINGLE CATCH BASIN FRAME (PAGE 3)	200C
CURB INLET DOUBLE CATCH BASIN FRAME (PAGE 4)	200D
* STANDARD CATCH BASIN GRATE - BICYCLE SAFE	202
34" SOLID LID DETAILS	203
SIDEWALK DRAINAGE STRUCTURE (PAGE 1)	204A
SIDEWALK DRAINAGE STRUCTURE (PAGE 2)	204B
TEMPORARY ON-SITE DRAINAGE RETENTION BERM FOR UNIMPROVED SUBDIVISION LOTS	207
STANDARD MANHOLE DETAILS	220
JUNCTION & DROP MANHOLE DETAILS	221
* MANHOLE FRAME & COVER DETAILS	222
MANHOLE STEP DETAILS	223
SEWER CLEANOUT COVER DETAIL	224
TYPICAL RESIDENTIAL SEWER CONNECTION DETAILS	230
P.V.C SERVICE CONNECTION EXISTING P.V.C SEWER MAINS	231
P.V.C SERVICE CONNECTION NEW P.V.C SEWER MAINS	232

[illegible]

* DENOTES DETAILS USED FOR THIS PROJECT