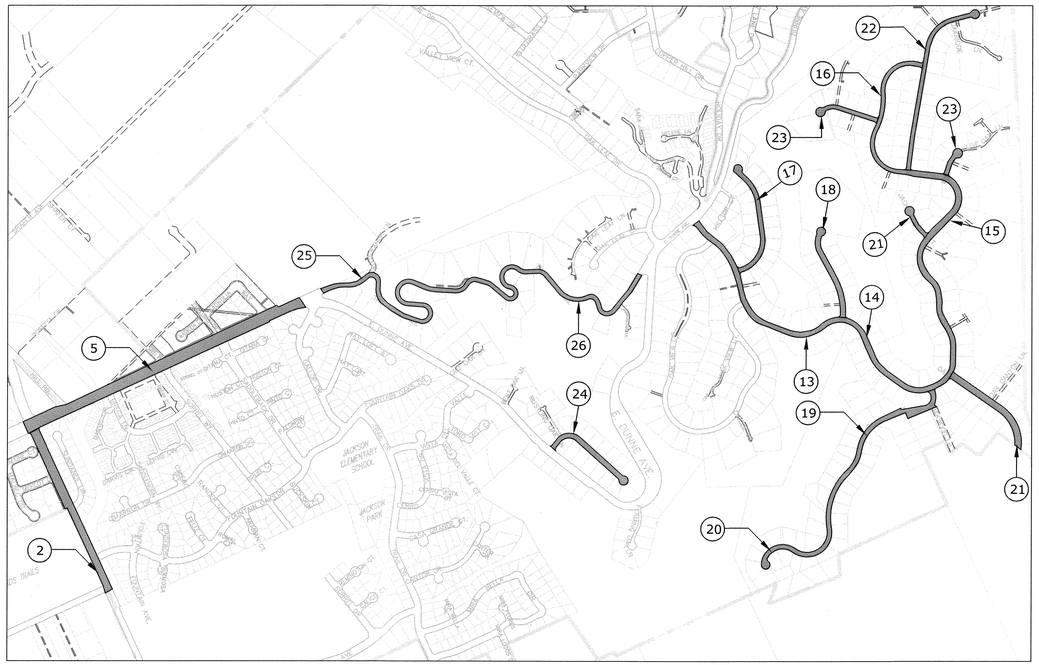
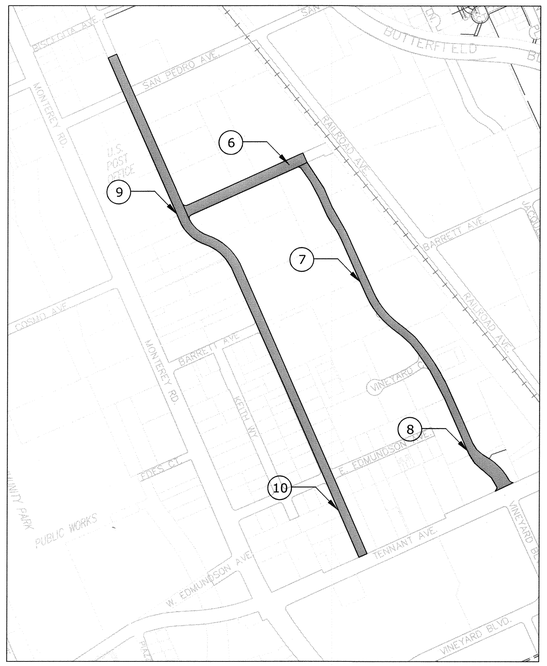
CITY OF MORGAN HILL

2022 PAVEMENT REHABILITATION PROJECT



LOCATION MAP
N.T.S.

N.T.S.

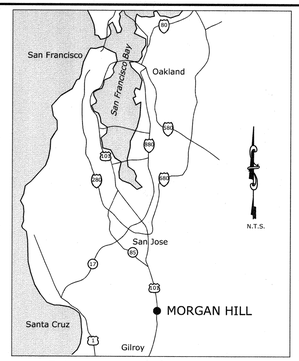


LOCATION MAP
N.T.S.

N.T.S.

LEGEND

- (#) = THERMOPLASTIC STRIPING DETAIL
- MH = UTILITY MANHOLE
- VB = UTILITY VALVE BOX
- MON = UTILITY MONUMENT
- = PAVEMENT MARKING



BAY AREA VICINITY MAP
N.T.S.

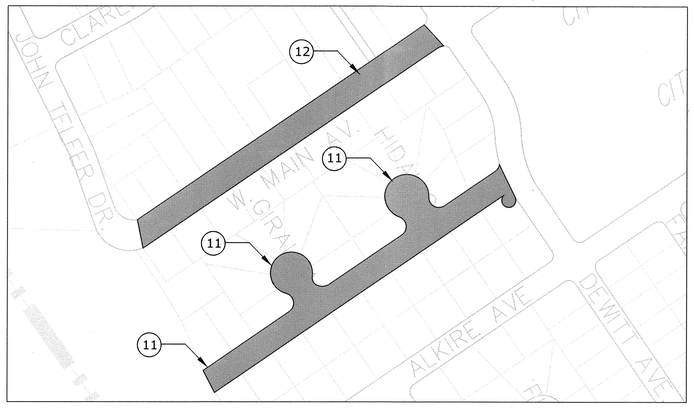
APPROXIMATE QUANTITIES

ITEM	DESCRIPTION	QUANTITY	UNIT
1	6' WIDE WEDGE GRIND (2")	120,818	SF
2	20' CONFORM GRIND (2")	14,566	SF
3	CALTRANS DETAIL 22	17,946	LF
4	CALTRANS DETAIL 27B	31,873	LF
5	CALTRANS DETAIL 39	8,672	LF
6	CALTRANS DETAIL 39A	872	LF
7	CALTRANS DETAIL 38	2,015	LF
8	CALTRANS DETAIL 9	1,873	LF
9	CALTRANS DETAIL 15	932	LF
10	CALTRANS DETAIL 31	1,637	LF
11	CALTRANS DETAIL 2	2,289	LF
12	CALTRANS DETAIL 21	226	LF
13	CALTRANS DETAIL 29	3,936	LF
14	12" WHITE THERMOPLASTIC	1,720	LF
15	24" WHITE THERMOPLASTIC	198	LF
16	6" WHITE THERMOPLASTIC	439	LF
17	WHITE WORD MARKING "XING"	2	EA
18	WHITE WORD MARKING "PED"	2	EA
19	WHITE WORD MARKING "STOP"	18	EA
20	WHITE WORD MARKING "KEEP"	3	EA
21	WHITE WORD MARKING "CLEAR"	3	EA
22	RAISED VALVE BOX & COVER	257	EA
23	RAISED MONUMENT BOX & COVER	6	EA
24	RAISED MANHOLE FRAME & COVER	86	EA
25	LOWER/RAISED VALVE BOX & COVER	20	EA
26	LOWER/RAISED MONUMENT BOX & COVER	14	EA
27	LOWER/RAISED MANHOLE FRAME & COVER	30	EA
28	TWO-WAY BLUE FIRE HYDRANT MARKERS	86	EA
29	TYPE IV (L) ARROW	31	EA
30	TYPE IV (R) ARROW	9	EA
31	TYPE VI ARROW	3	EA
32	TYPE VII ARROW	2	EA
33	TYPE I (24) ARROW	2	EA
34	TYPE E DETECTOR LOOP	28	EA
35	TYPE E (MODIFIED) DETECTOR LOOP	9	EA
36	2" FULL PAVEMENT GRIND/MILL	228,003	SF
37	2" FILL (1/2 AC)	2,850	TONS
38	3" FULL PAVEMENT GRIND/MILL	73,745	SF
39	3" FILL (1/2 AC)	1,382	TONS
40	4" FULL PAVEMENT GRIND/MILL	102,477	SF
41	4" FILL (1/2 AC)	2,562	TONS
42	2" ASPHALT CONCRETE OVERLAY	7,000	TONS
43	4" FULL DEPTH AC PAVEMENT REPAIR	40,000	SF
44	SLURRY SEAL	43,052	SY
45	CAPE SEAL	14,113	SY

"The "APPROXIMATE QUANTITIES" TABLES within these plans are provided for field reference only; Contractor shall use the Bid Schedule in the Project Specifications for bidding and payment purposes."

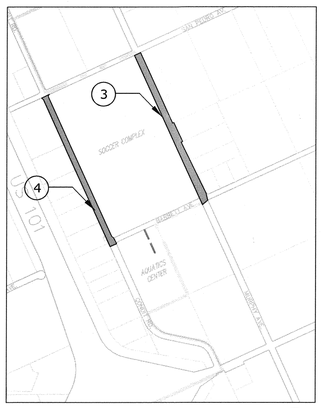
INDEX

Sheet No.	Sheet Name
1.	Cover Sheet
2.	Hill Road (East Dunne Avenue to San Pedro Avenue)
3.	Murphy Avenue (San Pedro Avenue to Barrett Avenue)
4.	Condit Road (San Pedro Avenue to Barrett Avenue)
5.	East Dunne Avenue (Hill Road to Lower Thomas Grde)
6.	Mast Street (Church Street to Vineyard Boulevard)
7.	Vineyard Boulevard (Station 0+00 to Station 17+75)
8.	Vineyard Boulevard (Station 17+75 to Tennant Avenue)
9.	Church Street (Station 0+00 to Station 16+60)
10.	Church Street (Station 16+60 to Tennant Avenue)
11.	Via Grande, Hidalgo Court and La Giralda Court
12.	West Main Avenue (Dewitt Avenue to John Tefler Drive)
13.	Jackson Oaks Drive (Station 0+00 to Station 17+00)
14.	Jackson Oaks Drive (Station 17+00 to Station 33+70)
15.	Jackson Oaks Drive (Station 33+70 to Station 51+80)
16.	Jackson Oaks Drive (Station 51+80 to Station 71+16)
17.	White Oak Court
18.	Oak Hill Court
19.	Oakwood Court (Station 0+00 to Station 15+13)
20.	Oakwood Court (Station 15+13 to Station 26+55)
21.	Jackson Oaks Court and Oak Canyon Drive
22.	Oakridge Road and Oakridge Court
23.	Ridgeview Court and Live Oak Court
24.	Rustling Oak Court
25.	Thomas Grade (Station 0+00 to Station 28+55)
26.	Thomas Grade (Station 28+55 to Station 50+47)



LOCATION MAP
N.T.S.

N.T.S.



LOCATION MAP
N.T.S.

N.T.S.

ALL LOCATIONS AND DEPTHS OF UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING DEPTHS AND LOCATIONS OF ALL UTILITIES. ANY CHANGES TO THESE PLANS AND SPECIFICATIONS SHALL BE APPROVED BY THE CITY ENGINEER.

CONTRACTOR SHALL NOTIFY U.S.A. (UNDERGROUND SERVICE ALERT), AT 1-800-642-2444, A MINIMUM OF 24 HOURS BEFORE BEGINNING ANY EXCAVATIONS

NOTE: COVER SHEET
ALL ASPHALT CONCRETE PAVEMENT PLACED AS THE FINAL LIFT / WEARING COURSE SHALL CONTAIN NO RAP (RECLAIMED ASPHALT PAVEMENT).

COVER SHEET
2022 PAVEMENT REHABILITATION PROJECT

HOR: N/A
VERT: N/A
JOB NUMBER:
DESIGN: YC
DRAWN: AEV
CHECKED: YC
APPROVED:
DATE: 4/24/22
SCOTT C. CREER-CITY ENGINEER
PE 58879 EXP. 6/30/23

City of Morgan Hill
ENGINEERING AND UTILITIES
CITY OF MORGAN HILL
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 www.morgan-hill.ca.gov

NO.	DESCRIPTION	DATE	BY
	Revisions		

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 1 of 26

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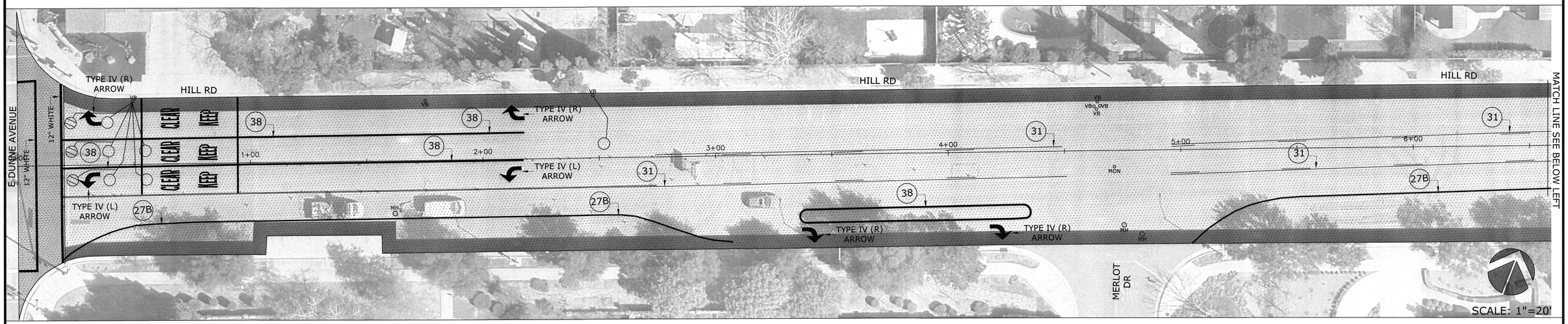

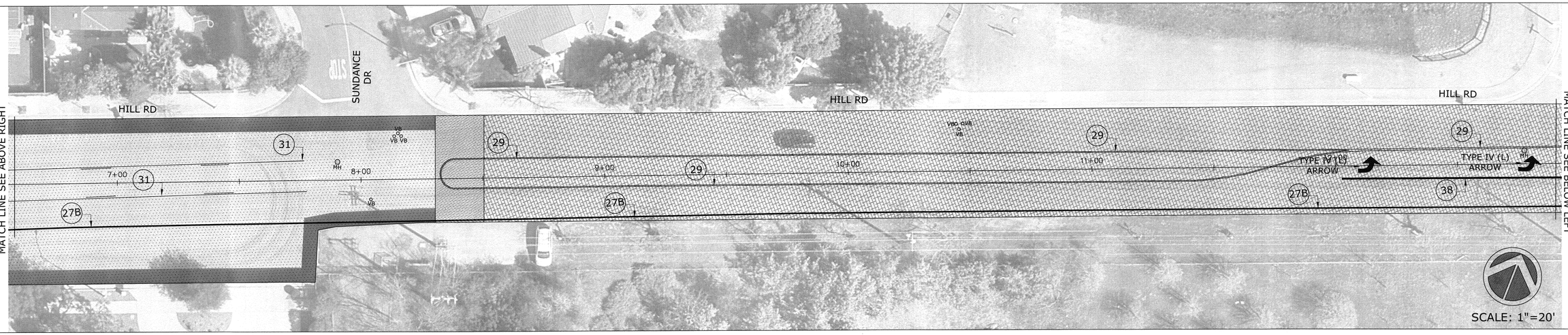

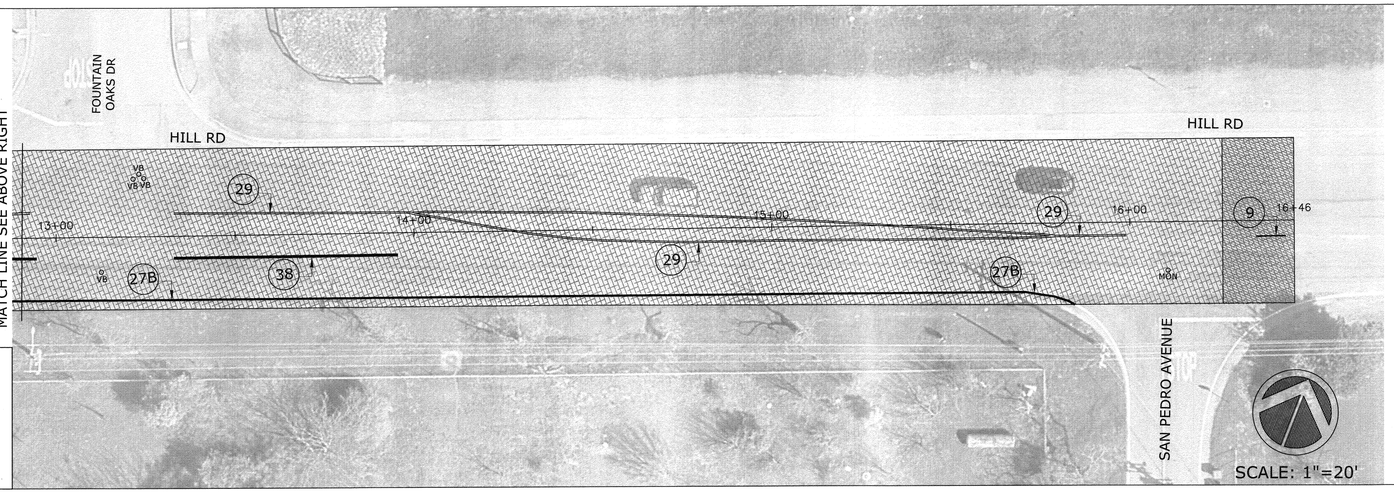

LEGEND

- = 2" ASPHALT CONCRETE OVERLAY
- = 3" Mill & Fill
- = 6' WEDGE GRIND (2")
- =20' CONFORM GRIND (2")
- (#) = CALTRANS PAVEMENT DELINEATION DETAIL
- = TYPE E DETECTOR LOOP
- = TYPE E (MODIFIED) DETECTOR LOOP

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
6' Wide Wedge Grind (2")	10,206	SQ.FT
20' Conform Grind (2")	3,683	SQ.FT
Caltrans Detail 9	45	LF
Caltrans Detail 29	1,376	LF
Caltrans Detail 27B	1,472	LF
Caltrans Detail 38	839	LF
12" White Line	175	LF
Raise Manhole Frame & Cover	5	EA
Raise Valve Box & Cover	18	EA
Raise Monument Box/Lid	2	EA
Lower/Raise Valve Box & Cover (Mill Area)	7	EA
Lower/Raise Manhole Frame & Cover (Mill Area)	2	EA
Lower/Raise Monument Box/Lid (Mill Area)	1	EA
White Word Marking "KEEP"	3	EA
White Word Marking "CLEAR"	3	EA
Type IV (L) Arrow	4	EA
Type IV (R) Arrow	4	EA
Two-Way Blue Fire Hydrant Markers	2	EA
Type E Detector Loop	6	EA
Type E (Modified) Detector Loop	3	EA
3" Full Pavement Grind/Mill	36,543	SQ.FT
3" Fill (1/2" HMA)	685	TONS
2" Asphalt Concrete Overlay	692	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'
CHECKED: YC | VERT: 1"=20'
APPROVED: [signature] DATE: 5/26/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL
City of Morgan Hill
ENGINEERING AND UTILITIES
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

HILL ROAD
(EAST DUNNE AVENUE TO SAN PEDRO AVENUE)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 2 of 26

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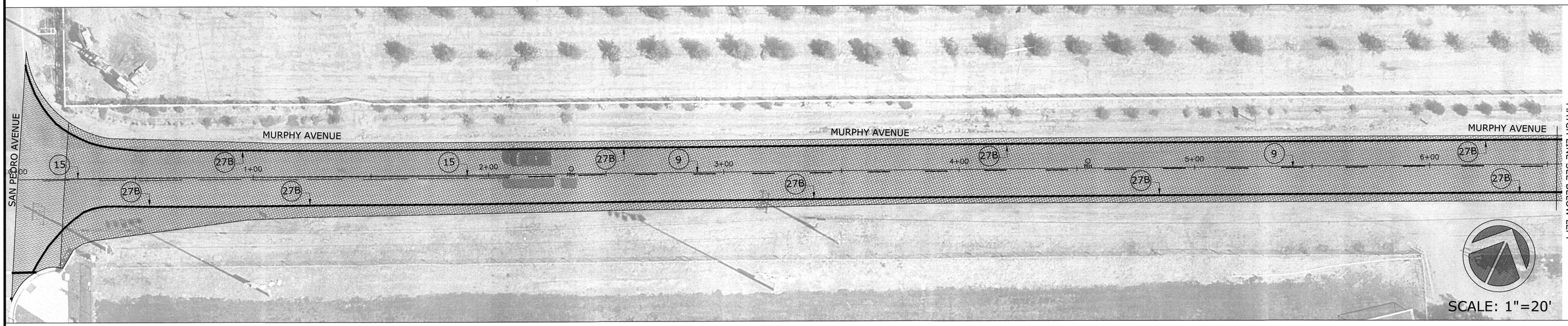

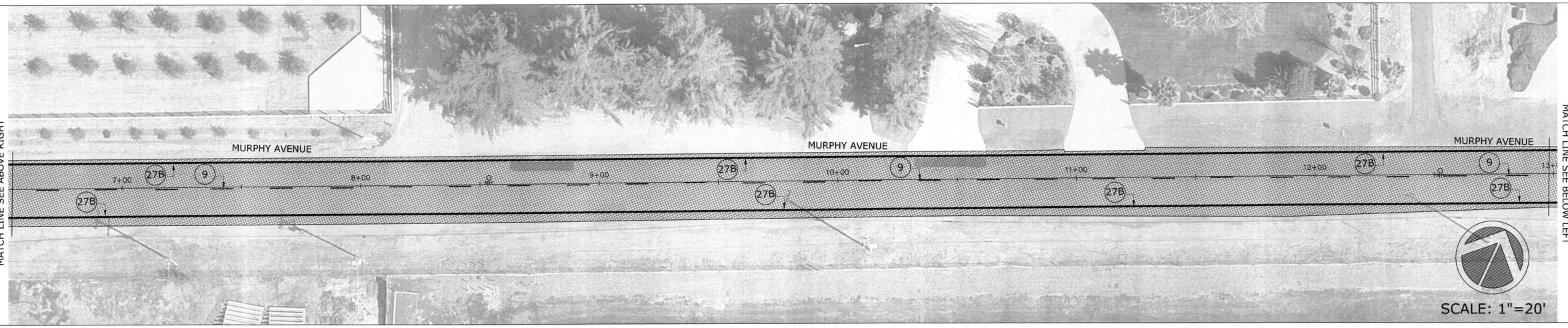

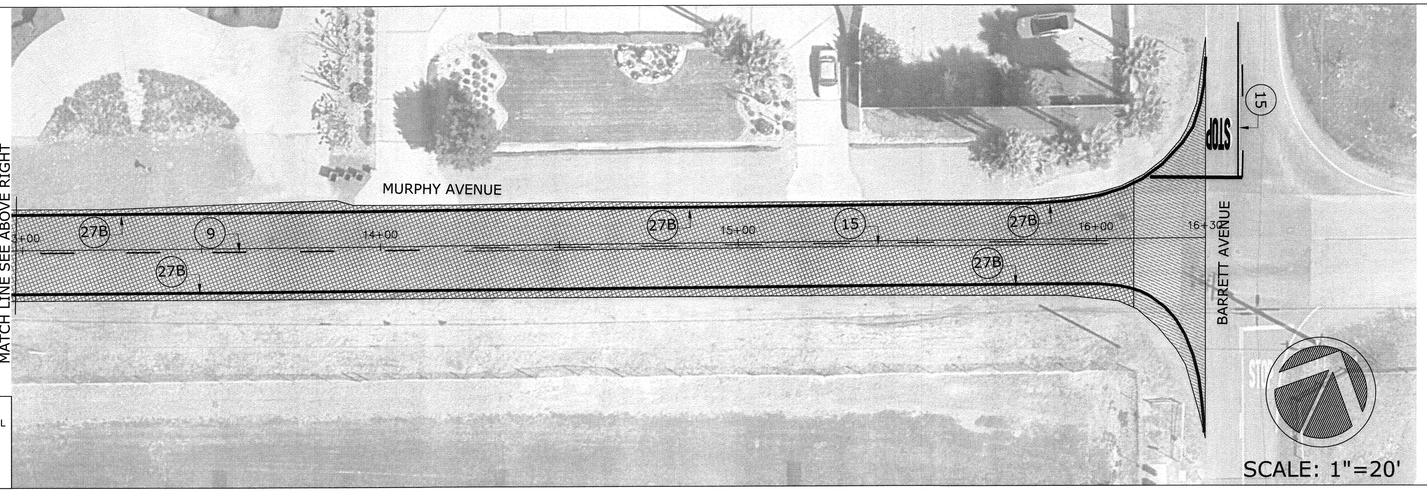

LEGEND

= 4" MILL & FILL

= 20' CONFORM GRIND (2")

(#) = CALTRANS PAVEMENT DELINEATION DETAIL

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
20' Conform Grind (2")	2,685	SQ.FT
Caltrans Detail 15	379	LF
Caltrans Detail 9	1,214	LF
Caltrans Detail 27B	3,333	LF
White Word Marking "STOP"	1	EA
12" White Line	26	LF
Lower/Raise Manhole Frame & Cover	4	EA
4" Full Pavement Grind/Mill	48,234	SQ.FT
4" Fill (1/2" HMA)	1,206	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: BY: DATE: INSPECTOR:

DRAWN: AEV DESIGN: YC HOR: 1"=20'

CHECKED: YC VERT: 1"=20'

APPROVED: DATE: 4/26/22 JOB NUMBER: 51900

SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

MURPHY AVENUE
(SAN PEDRO AVENUE TO BARRETT AVENUE)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00

PRINT DATE: 4/25/2022

SHEET NUMBER: 3 of 26

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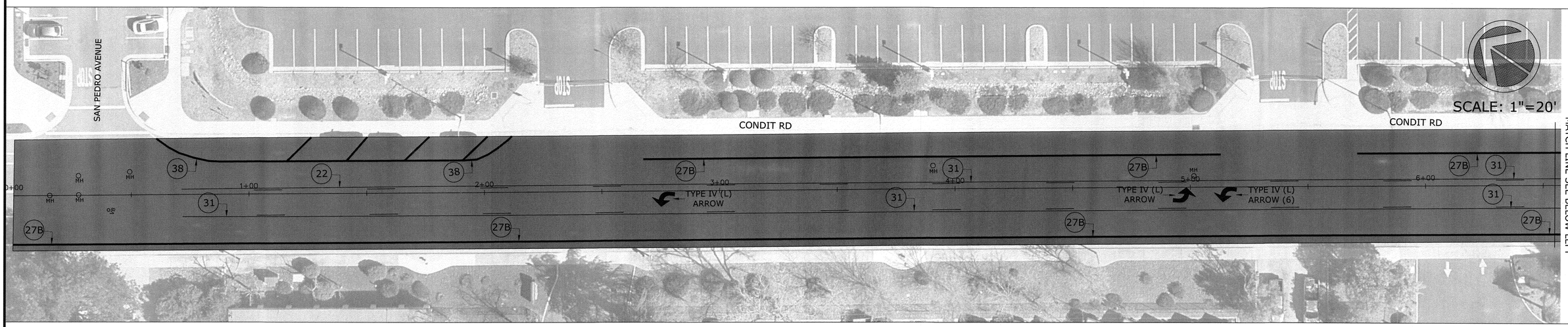

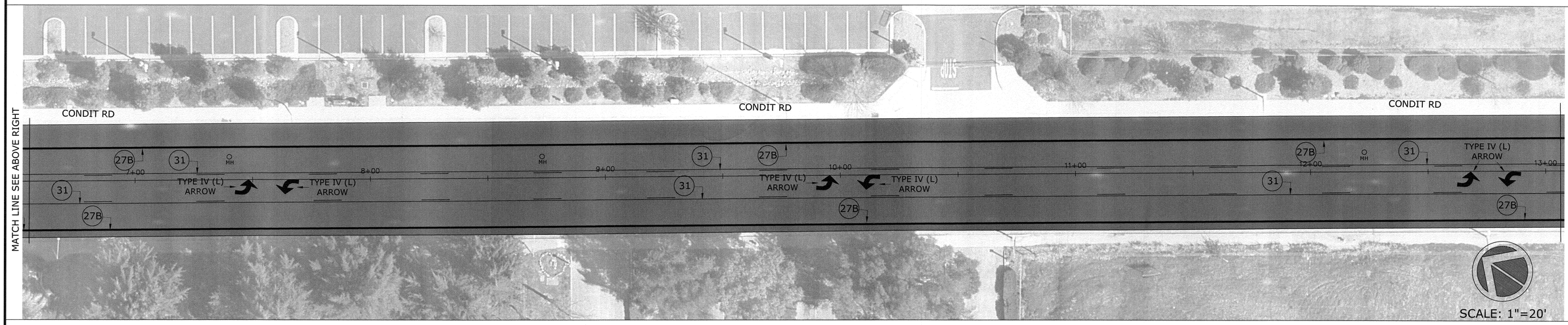

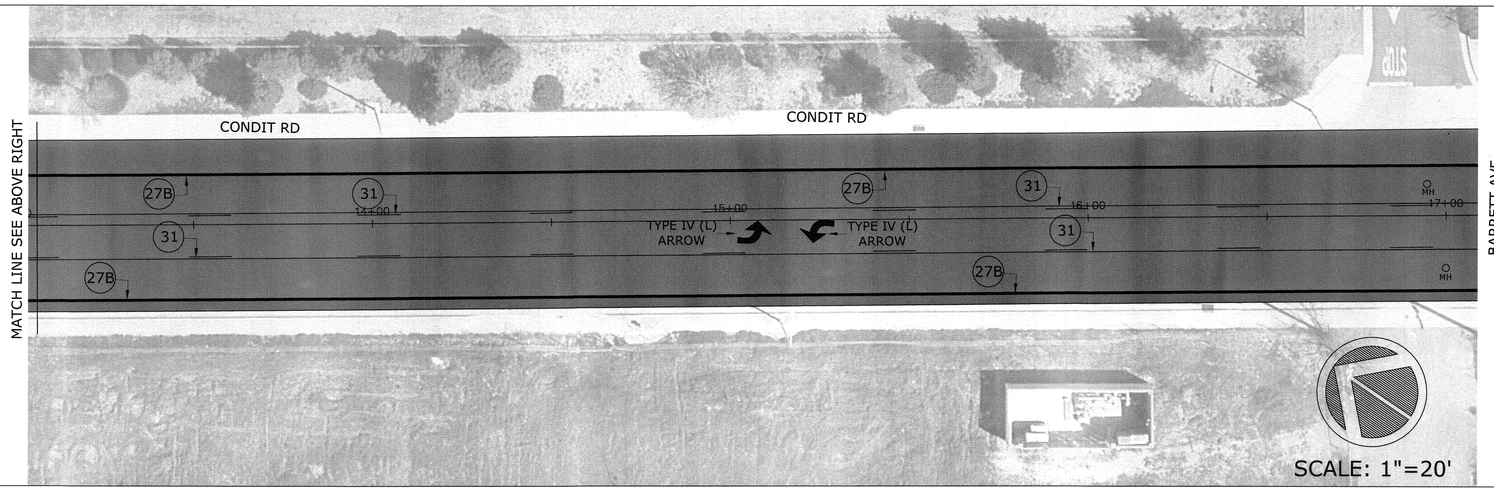

LEGEND

= Slurry Seal

(#) = CALTRANS PAVEMENT DELINEATION DETAIL

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 27B	3,092	LF
Caltrans Detail 31	1,637	LF
Caltrans Detail 38	214	LF
Type IV (L) Arrow	11	EA
Two-Way Blue Fire Hydrant Markers	7	EA
Slurry Seal	9,102	SY

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: BY: DATE: INSPECTOR:

DRAWN: AEV DESIGN: YC HOR: 1"=20'

CHECKED: YC VERT: 1"=20'

APPROVED: DATE: 4/24/22 JOB NUMBER: 51900

SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

CONDIT ROAD
(SAN PEDRO AVENUE TO BARRETT AVENUE)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 4 of 26

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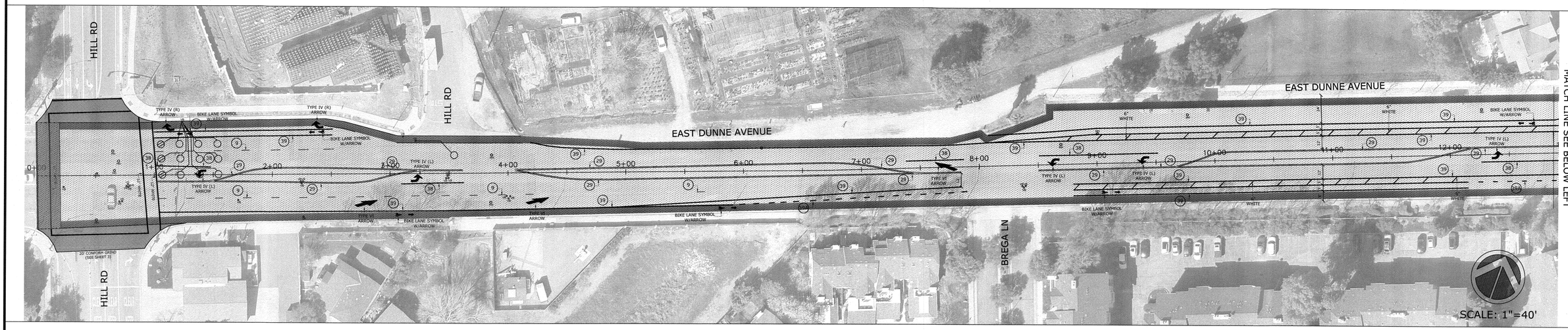

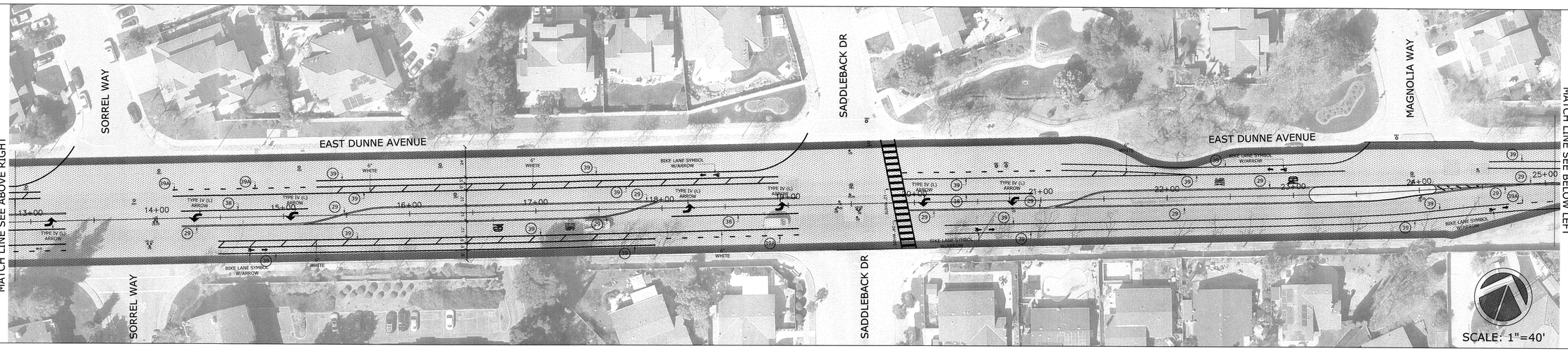

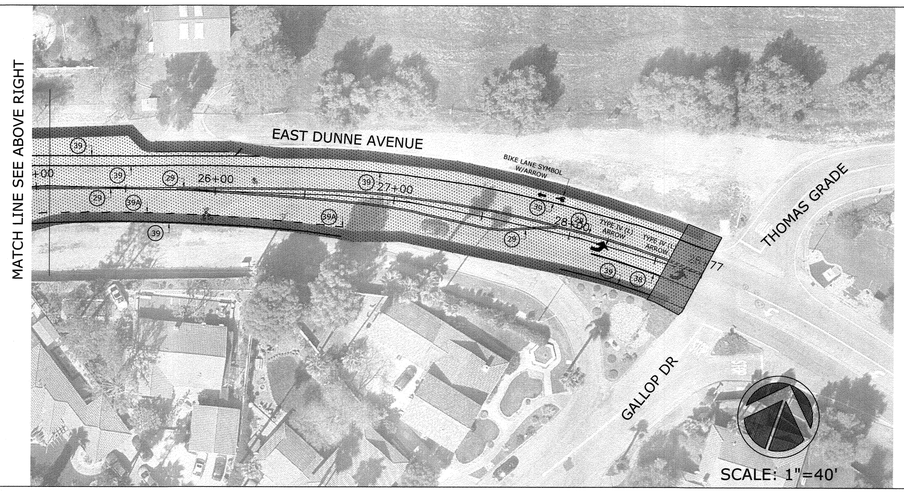

LEGEND

- = 2" ASPHALT CONCRETE OVERLAY
- = 6' WEDGE GRIND (2")
- = 20' CONFORM GRIND (2")
- (#) = CALTRANS PAVEMENT DELINEATION DETAIL
- = TYPE E DETECTOR LOOP
- = TYPE E (MODIFIED) DETECTOR LOOP

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
6' Wide Wedge Grind (2")	34,588	SQ.FT
20' Conform Grind (2")	4,257	SQ.FT
Caltrans Detail 29	2,450	LF
Caltrans Detail 9	614	LF
Caltrans Detail 38	714	LF
Caltrans Detail 39A	872	LF
Caltrans Detail 39	8,675	LF
Raise Manhole Frame & Cover	23	EA
Raise Valve Box & Cover	49	EA
Raise Monument Box/Lid	2	EA
White Word Marking "XING"	2	EA
White Word Marking "PED"	2	EA
12" White Line	900	LF
24" White Line	198	LF
6" White Line	439	LF
Type IV (R) Arrow	2	EA
Type IV (L) Arrow	14	EA
Type VI Arrow	3	EA
Two-Way Blue Fire Hydrant Markers	3	EA
Type E Detector Loop	11	EA
Type E (Modified) Detector Loop	3	EA
2" Asphalt Concrete Overlay	2,740	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR: BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=40'
CHECKED: YC | VERT: 1"=40'
APPROVED: | DATE: 4/26/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL
City of Morgan Hill
ENGINEERING AND UTILITIES
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

EAST DUNNE AVENUE (HILL ROAD TO THOMAS GRADE) 2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 5 of 26

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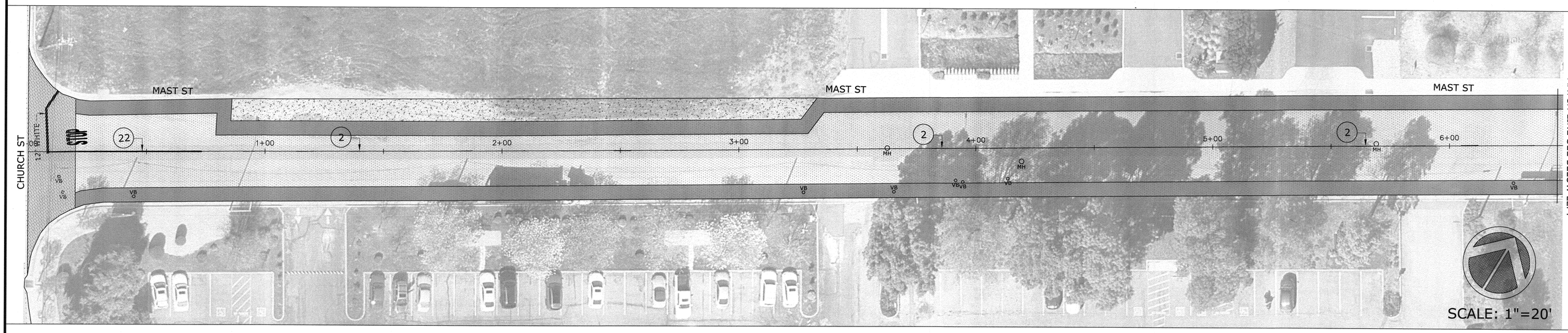

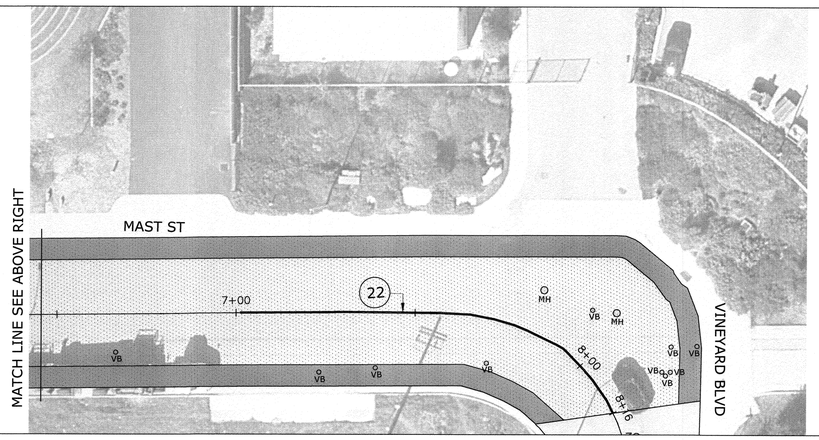

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
6' Wide Wedge Grind (2")	9,882	SQ.FT
20' Conform Grind (2")	1,218	SQ.FT
Caltrans Detail 22	180	LF
Caltrans Detail 2	141	LF
12" White Line	28	LF
White Word Marking "STOP"	1	EA
Raise Manhole Frame & Cover	5	EA
Raise Valve Box & Cover	20	EA
Two-Way Blue Fire Hydrant Markers	3	EA
2" Asphalt Concrete Overlay	410	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

SCALE: 1"=20'

LEGEND

= 2" ASPHALT CONCRETE OVERLAY

(#) = CALTRANS PAVEMENT DELINEATION DETAIL

=6' WEDGE GRIND (2")

=20' CONFORM GRIND (2")

= GRINDINGS

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:

BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'

CHECKED: YC | VERT: 1"=20'

APPROVED: | DATE: 4/26/22 | JOB NUMBER: 51900

SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

MAST STREET
(CHURCH STREET TO VINEYARD BOULEVARD)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00

PRINT DATE: 4/25/2022

SHEET NUMBER: 6 of 26

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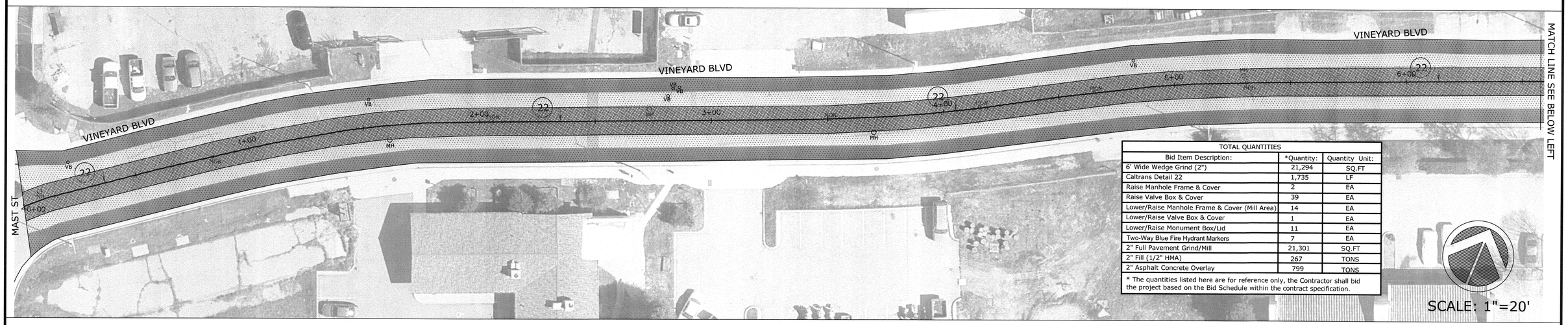
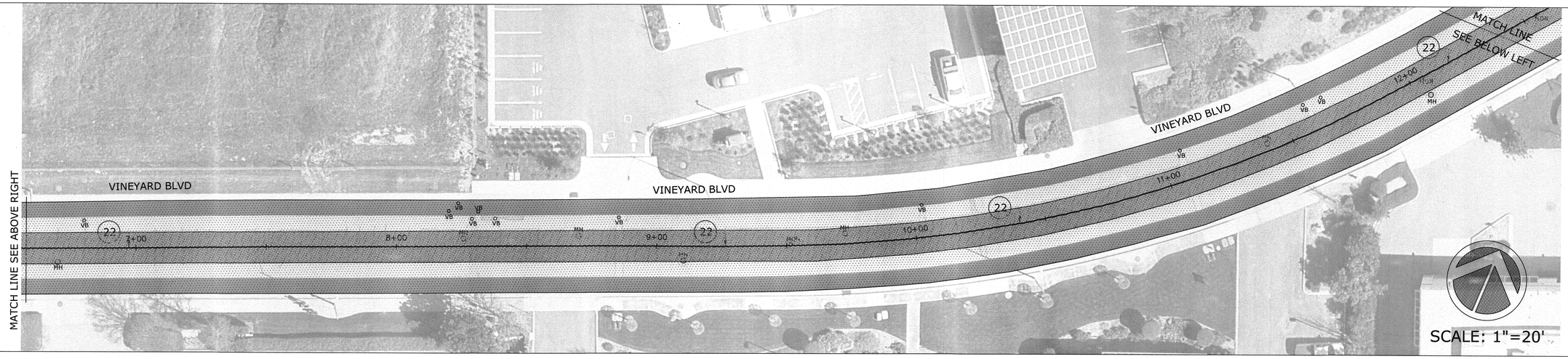


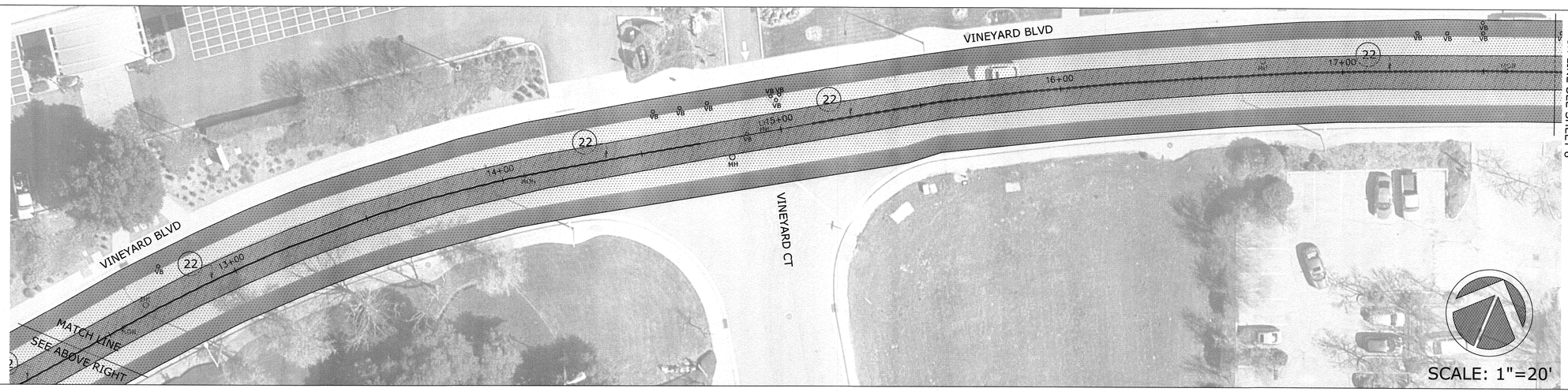
TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
6' Wide Wedge Grind (2")	21,294	SQ.FT
Caltrans Detail 22	1,735	LF
Raise Manhole Frame & Cover	2	EA
Raise Valve Box & Cover	39	EA
Lower/Raise Manhole Frame & Cover (Mill Area)	14	EA
Lower/Raise Valve Box & Cover	1	EA
Lower/Raise Monument Box/Lid	11	EA
Two-Way Blue Fire Hydrant Markers	7	EA
2" Full Pavement Grind/Mill	21,301	SQ.FT
2" Fill (1/2" HMA)	267	TONS
2" Asphalt Concrete Overlay	799	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

SCALE: 1"=20'



SCALE: 1"=20'



SCALE: 1"=20'

LEGEND

- = 2" ASPHALT CONCRETE OVERLAY
- = 2" MILL & FILL
- = 6' WEDGE GRIND (2")
- = 20' CONFORM GRIND (2")
- (#) = CALTRANS PAVEMENT DELINEATION DETAIL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: BY: DATE:

INSPECTOR:

DRAWN: AEV	DESIGN: YC	HOR: 1"=20'
CHECKED: YC		VERT: 1"=20'
APPROVED:	DATE: 4/26/22	JOB NUMBER: 51900

SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

VINEYARD BOULEVARD
(Station 0+00 TO STATION 17+75)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 7 of 26

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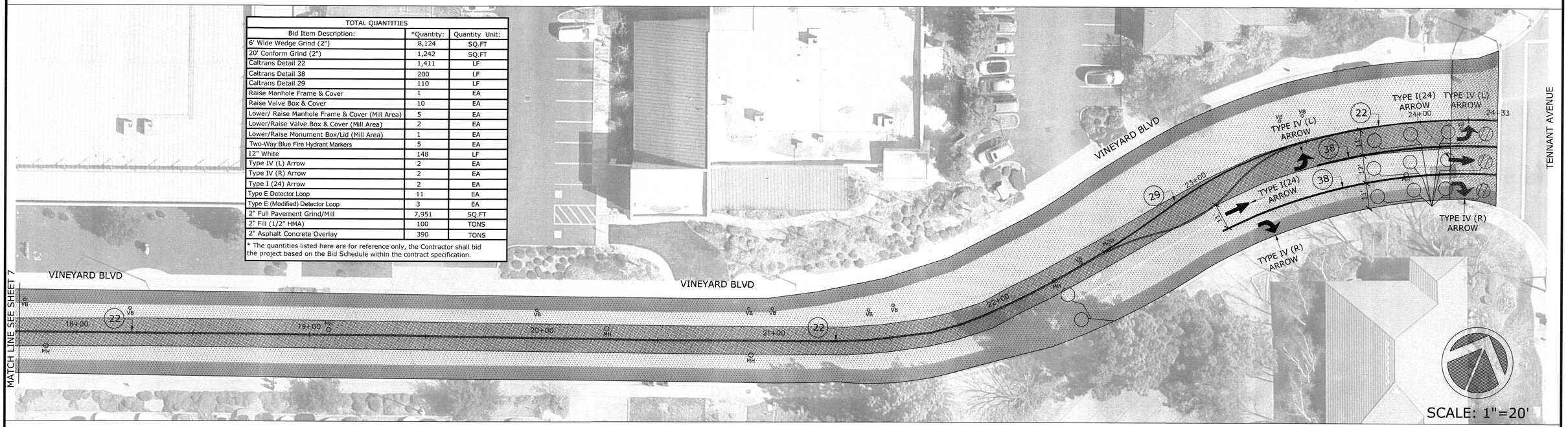
TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
6' Wide Wedge Grind (2")	8,124	SQ.FT
20' Conform Grind (2")	1,242	SQ.FT
Caltrans Detail 22	1,411	LF
Caltrans Detail 38	200	LF
Caltrans Detail 29	110	LF
Raise Manhole Frame & Cover	1	EA
Raise Valve Box & Cover	10	EA
Lower/ Raise Manhole Frame & Cover (Mill Area)	5	EA
Lower/Raise Valve Box & Cover (Mill Area)	2	EA
Lower/Raise Monument Box/Lid (Mill Area)	1	EA
Two-Way Blue Fire Hydrant Markers	5	EA
12" White	148	LF
Type IV (L) Arrow	2	EA
Type IV (R) Arrow	2	EA
Type I (24) Arrow	2	EA
Type E Detector Loop	11	EA
Type E (Modified) Detector Loop	3	EA
2" Full Pavement Grind/Mill	7,951	SQ.FT
2" Fill (1/2" HMA)	100	TONS
2" Asphalt Concrete Overlay	390	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.



LEGEND

= 2" ASPHALT CONCRETE OVERLAY
= 2" MILL & FILL
=6' WEDGE GRIND (2")
=20' CONFORM GRIND (2")
= TYPE E DETECTOR LOOP
= TYPE E (MODIFIED) DETECTOR LOOP
(#) = CALTRANS PAVEMENT DELINEATION DETAIL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'
CHECKED: YC | VERT: 1"=20'
APPROVED: DATE: 4/24/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

City of Morgan Hill
ENGINEERING AND UTILITIES
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

VINEYARD BOULEVARD
(STATION 17+75 TO TENNANT AVENUE)
2022 PAVEMENT RESURFACING PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 8 of 26

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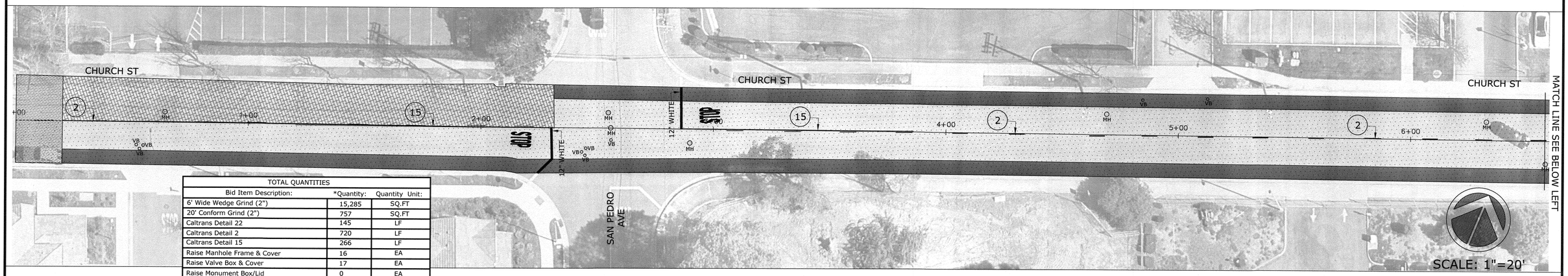
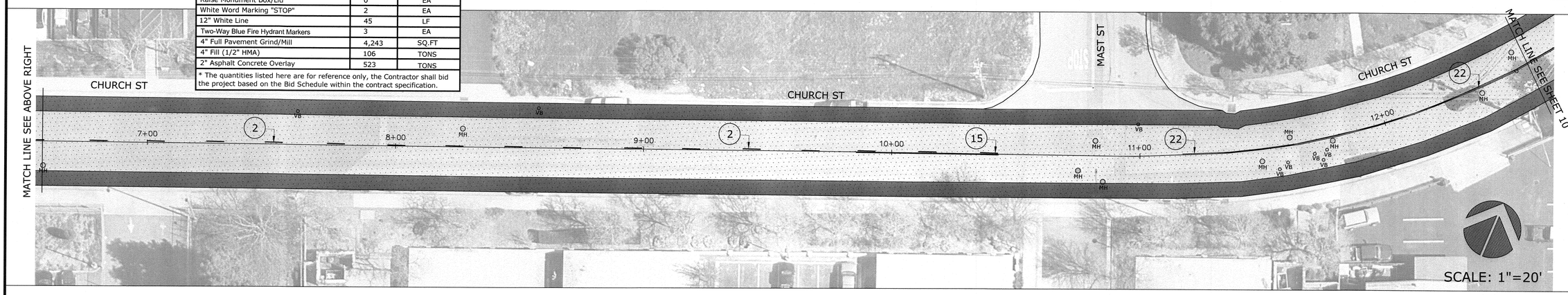


TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
6' Wide Wedge Grind (2")	15,285	SQ.FT
20' Conform Grind (2")	757	SQ.FT
Caltrans Detail 22	145	LF
Caltrans Detail 2	720	LF
Caltrans Detail 15	266	LF
Raise Manhole Frame & Cover	16	EA
Raise Valve Box & Cover	17	EA
Raise Monument Box/Lid	0	EA
White Word Marking "STOP"	2	EA
12" White Line	45	LF
Two-Way Blue Fire Hydrant Markers	3	EA
4" Full Pavement Grind/Mill	4,243	SQ.FT
4" Fill (1/2" HMA)	106	TONS
2" Asphalt Concrete Overlay	523	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.



LEGEND

= 2" ASPHALT CONCRETE OVERLAY
=6' WEDGE GRIND (2")
= 4" MILL & FILL
=20' CONFORM GRIND (2")
(#) = CALTRANS PAVEMENT DELINEATION DETAIL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'
CHECKED: YC | VERT: 1"=20'
APPROVED: | DATE: 4/26/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL
City of Morgan Hill
ENGINEERING AND UTILITIES
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

CHURCH STREET
(STATION 0+00 TO STATION 12+60)
2022 PAVEMENT RESURFACING PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 9 of 26

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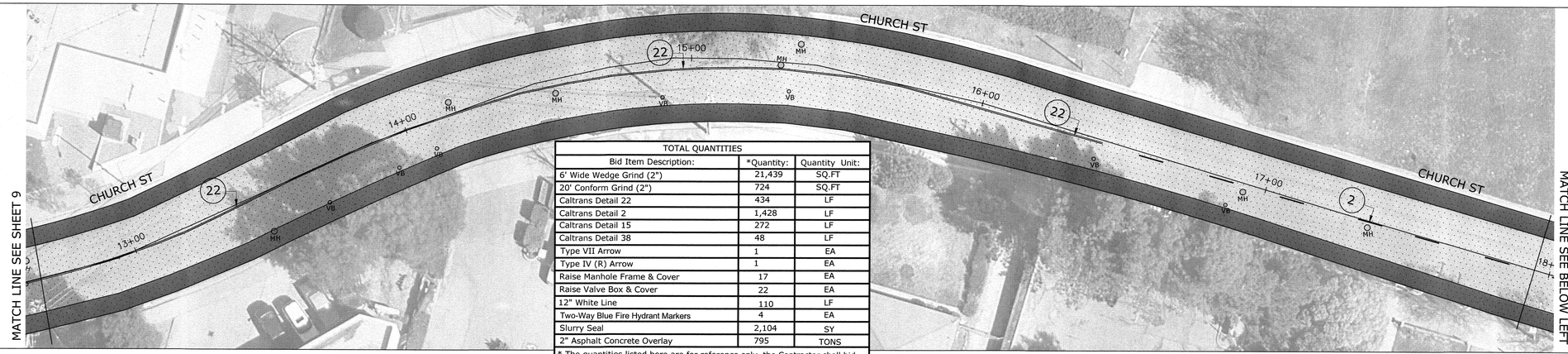
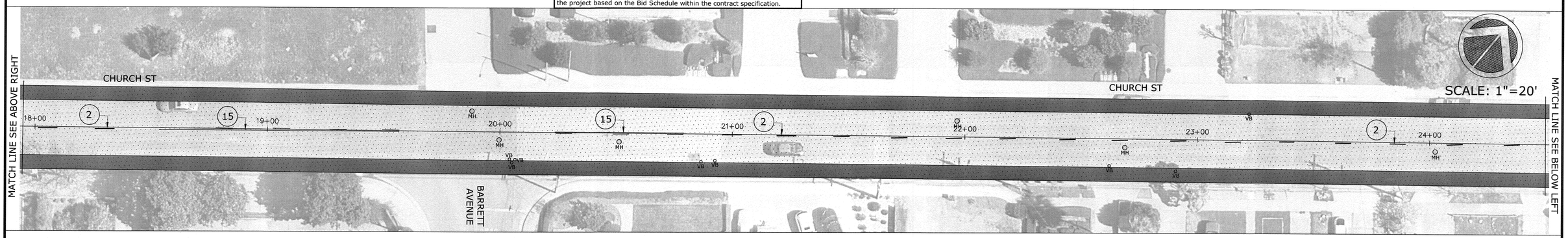


TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
6' Wide Wedge Grind (2")	21,439	SQ.FT
20' Conform Grind (2")	724	SQ.FT
Caltrans Detail 22	434	LF
Caltrans Detail 2	1,428	LF
Caltrans Detail 15	272	LF
Caltrans Detail 38	48	LF
Type VII Arrow	1	EA
Type IV (R) Arrow	1	EA
Raise Manhole Frame & Cover	17	EA
Raise Valve Box & Cover	22	EA
12" White Line	110	LF
Two-Way Blue Fire Hydrant Markers	4	EA
Slurry Seal	2,104	SY
2" Asphalt Concrete Overlay	795	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

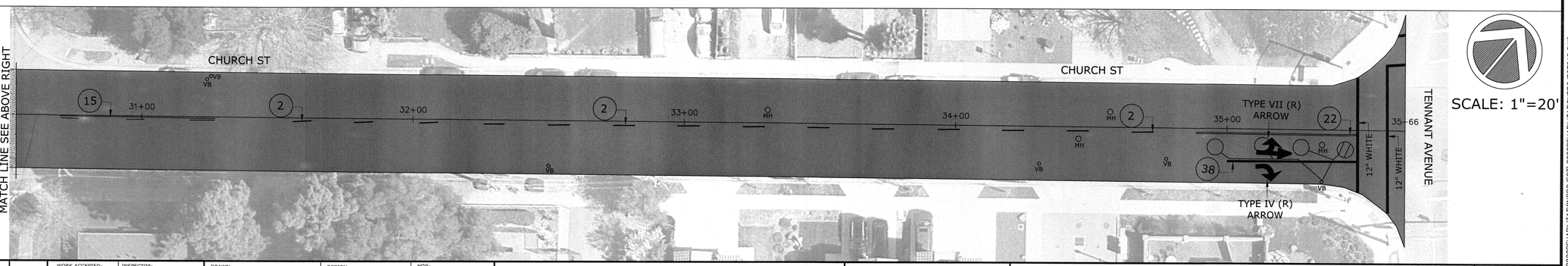
SCALE: 1"=20'



SCALE: 1"=20'



SCALE: 1"=20'



SCALE: 1"=20'

LEGEND

- = 2" ASPHALT CONCRETE OVERLAY
- =6' WEDGE GRIND (2")
- =20' CONFORM GRIND (2")
- =Slurry Seal
- (#) = CALTRANS PAVEMENT DELINEATION DETAIL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'
CHECKED: YC | VERT: 1"=20'
APPROVED: DATE: 4/22/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

City of Morgan Hill
ENGINEERING AND UTILITIES
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

CHURCH STREET
(STATION 12+60 TO TENNANT AVENUE)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 10 of 26

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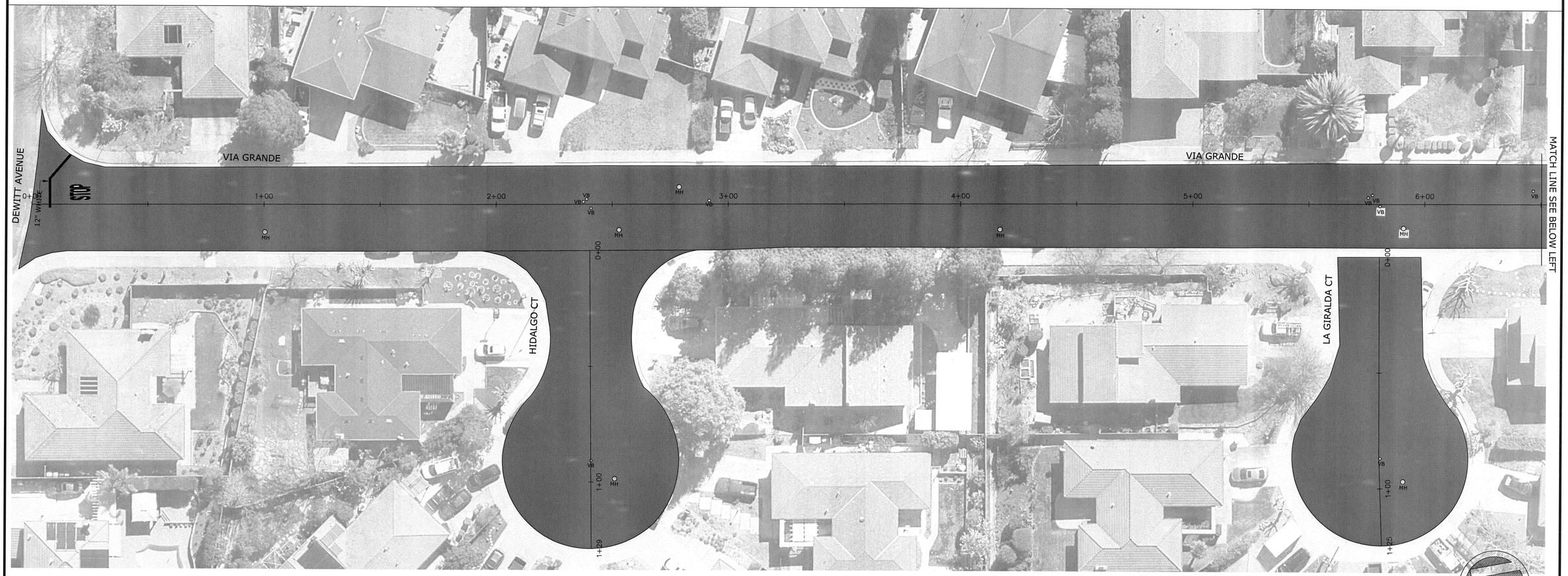
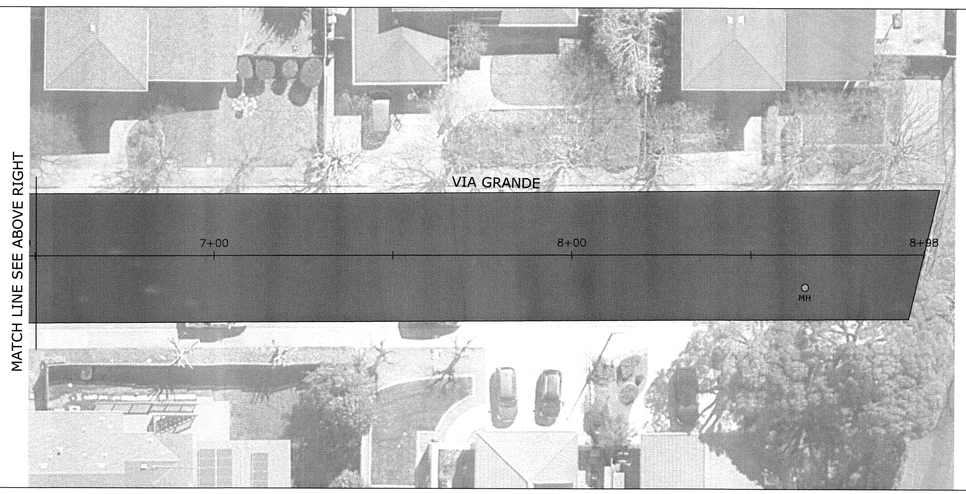


SCALE: 1"=20'



TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Two-Way Blue Fire Hydrant Markers	2	EA
White Word Marking "STOP"	1	EA
12" White Line	26	LF
Slurry Seal	5,111	SY

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

LEGEND

= SLURRY SEAL

SCALE: 1"=20'

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'
CHECKED: YC | VERT: 1"=20'
APPROVED: DATE: 4/24/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL
City of Morgan Hill
ENGINEERING AND UTILITIES
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

VIA GRANDE, HIDALGO CT, LA GIRALDA CT
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 11 of 26

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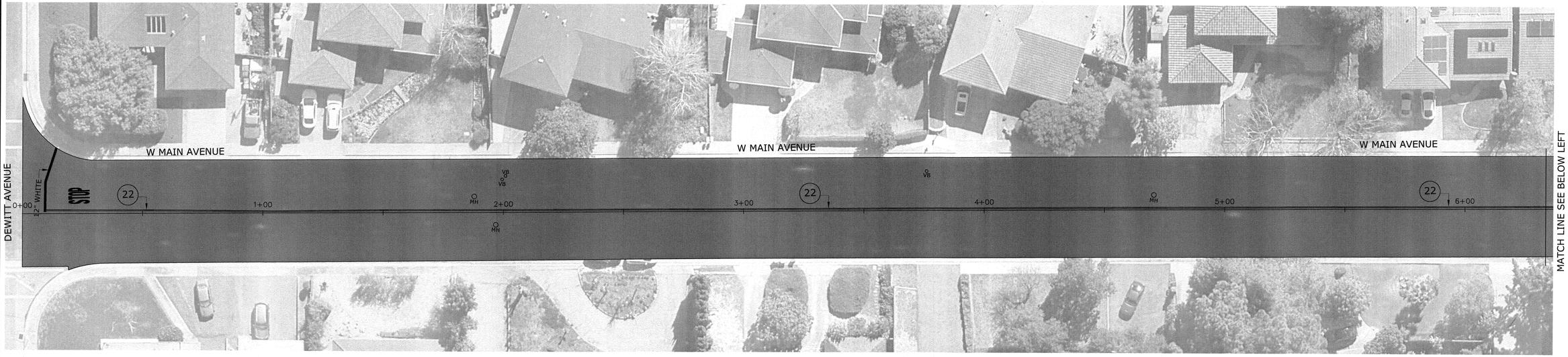
TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 22	873	LF
White Word Marking "STOP"	1	EA
12" White Line	27	LF
Two-Way Blue Fire Hydrant Markers	2	EA
Slurry Seal	4,404	SY

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.



SCALE: 1"=20'



SCALE: 1"=20'

LEGEND

= SLURRY SEAL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:

BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'

CHECKED: YC | VERT: 1"=20'

APPROVED: Y. C | DATE: 4/24/22 | JOB NUMBER: 51900

SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

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W MAIN AVENUE
(DEWITT AVENUE TO JOHN TEFLER DR)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 12 of 26

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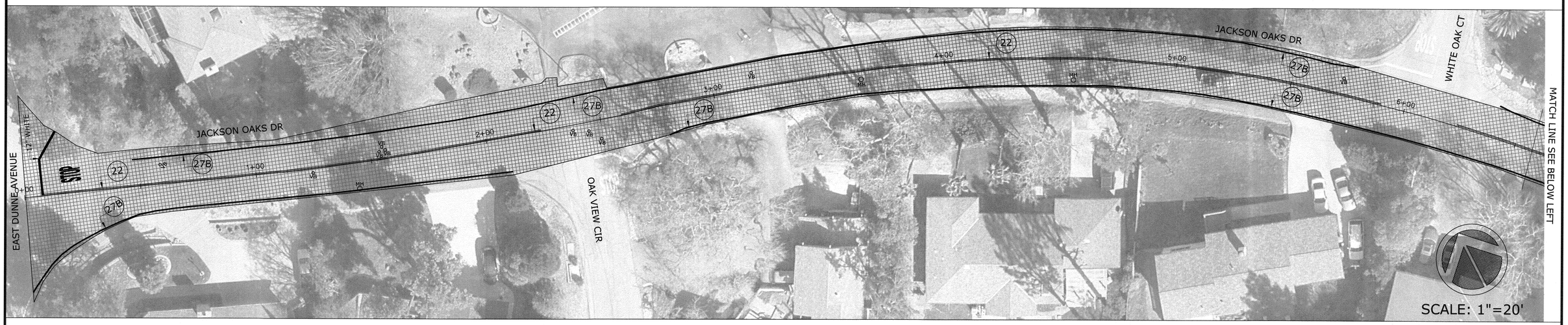

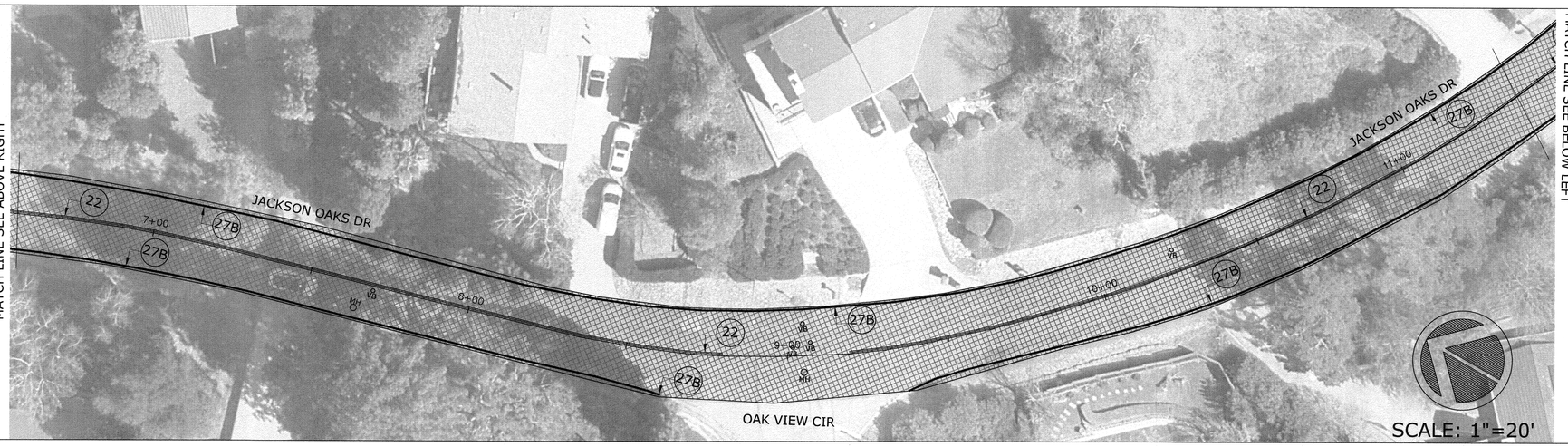

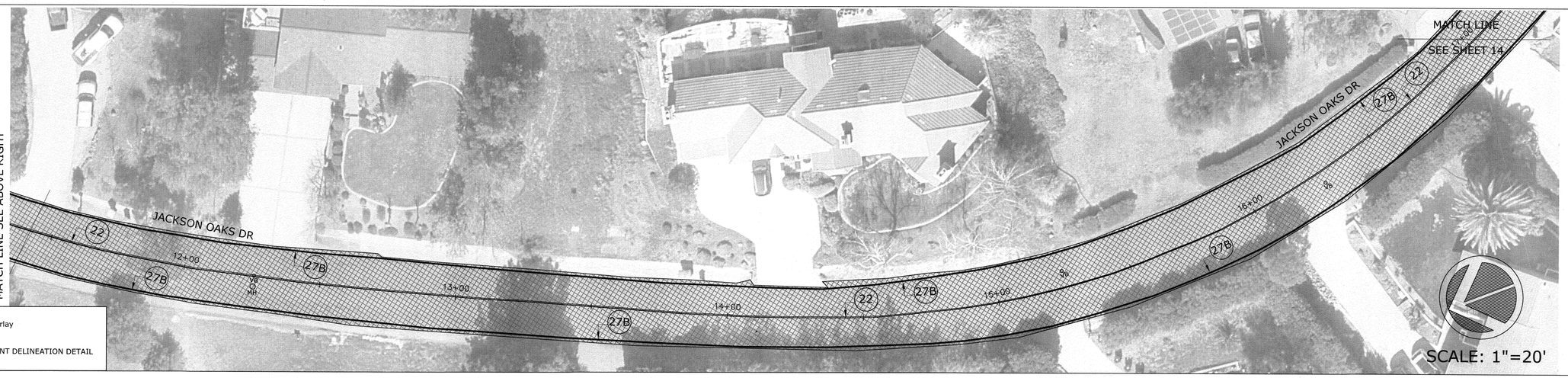

LEGEND

= 2" Mill & Fill/Overlay

(#) = CALTRANS PAVEMENT DELINEATION DETAIL

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 22	1,586	LF
Caltrans Detail 27B	3,157	LF
Raise Manhole Frame & Cover	6	EA
Raise Valve Box & Cover	20	EA
Raise Monument Box/Lid	1	EA
Two-Way Blue Fire Hydrant Markers	5	EA
12" White Line	29	LF
Word Marking "STOP"	1	EA
2" Full Pavement Width Grind/Mill	45,768	SQ.FT
2" Fill/Overlay (1/2" HMA)	572	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'
CHECKED: YC | VERT: 1"=20'
APPROVED: DATE: 4/24/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

JACKSON OAKS DRIVE
(STATION 0+00 TO STATION 17+00)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 13 of 26

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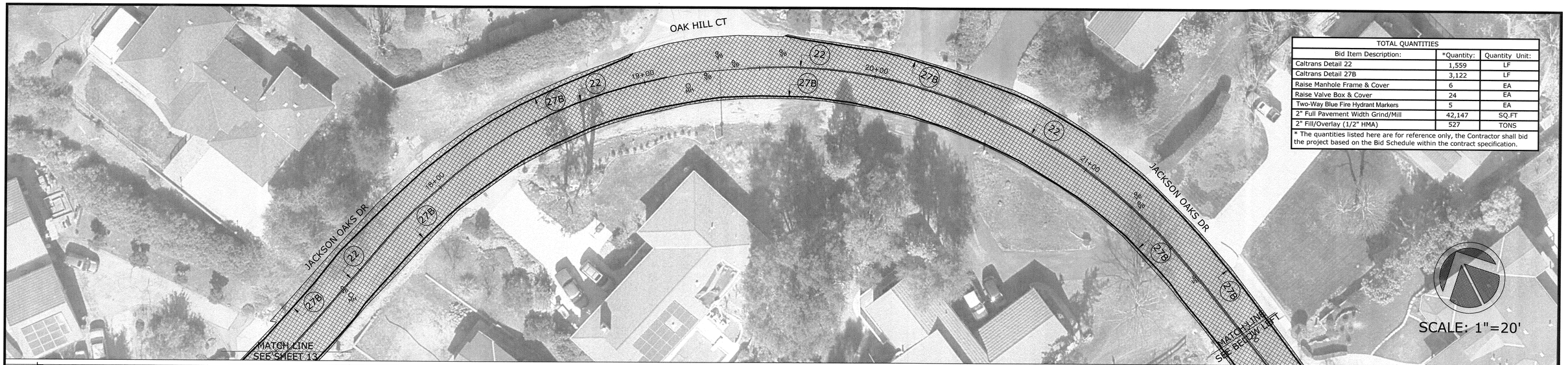
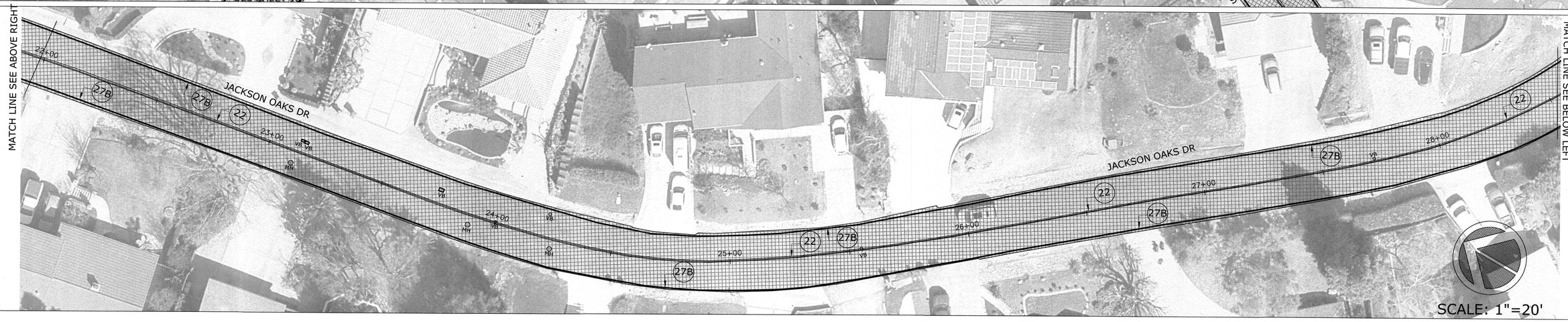


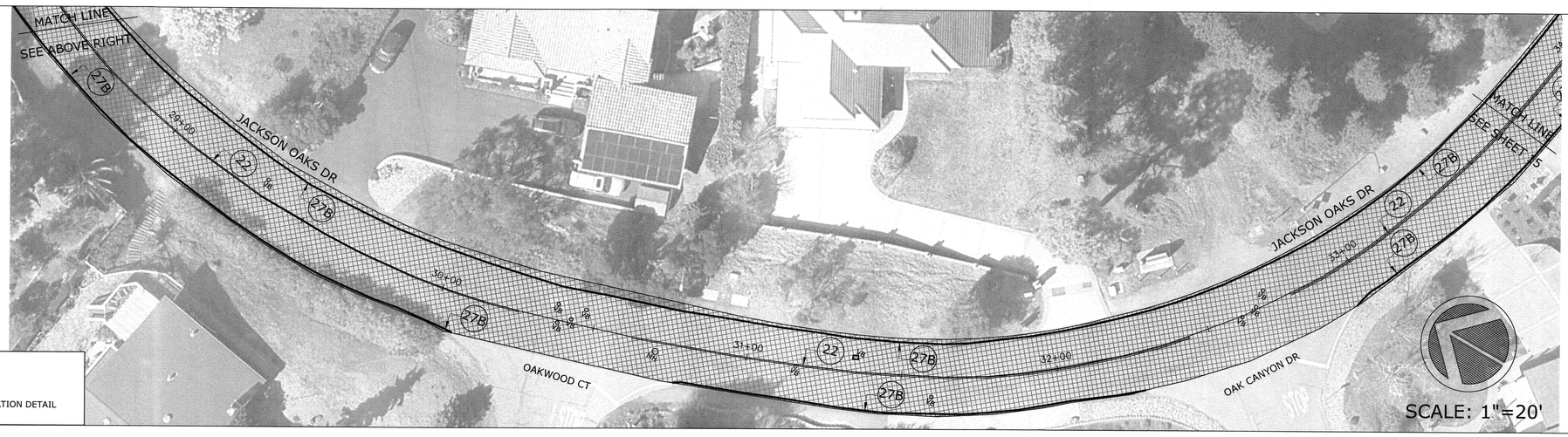
TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 22	1,559	LF
Caltrans Detail 27B	3,122	LF
Raise Manhole Frame & Cover	6	EA
Raise Valve Box & Cover	24	EA
Two-Way Blue Fire Hydrant Markers	5	EA
2" Full Pavement Width Grind/Mill	42,147	SQ.FT
2" Fill/Overlay (1/2" HMA)	527	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

SCALE: 1"=20'



SCALE: 1"=20'



SCALE: 1"=20'

LEGEND

= 2" Mill & Fill/Overlay

(#) = CALTRANS PAVEMENT DELINEATION DETAIL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:

BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'

CHECKED: YC | VERT: 1"=20'

APPROVED: DATE: 4/26/22 | JOB NUMBER: 51900

SCOTT CREER-CITY ENGINEER
PE 58679 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

JACKSON OAKS DRIVE
(STATION 17+00 TO STATION 33+70)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00

PRINT DATE: 4/25/2022

SHEET NUMBER: 14 of 26

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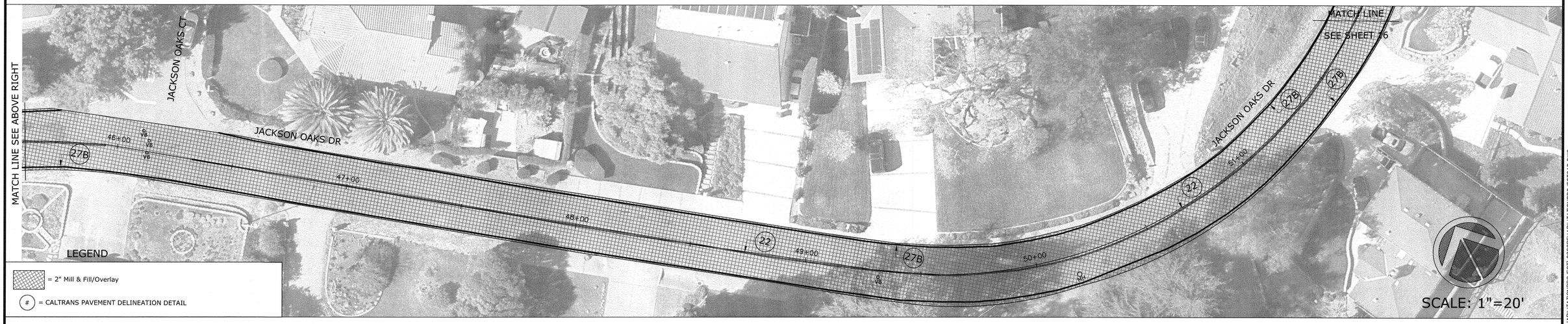

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 22	1,773	LF
Caltrans Detail 27B	3,558	LF
Raise Manhole Frame & Cover	1	EA
Raise Valve Box & Cover	17	EA
Two-Way Blue Fire Hydrant Markers	5	EA
2" Full Pavement Width Grind/Mill	44,712	SQ.FT
2" Fill/Overlay (1/2" HMA)	559	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'
CHECKED: YC | VERT: 1"=20'
APPROVED: [signature] DATE: 4/26/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

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JACKSON OAKS DRIVE
(STATION 33+70 TO STATION 51+80)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 15 of 26

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TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 22	1,824	LF
Caltrans Detail 27B	4,000	LF
Raise Manhole Frame & Cover	4	EA
Raise Valve Box & Cover	21	EA
Raise Monument Box/Lid	1	EA
Two-Way Blue Fire Hydrant Markers	4	EA
12" White Line	17	LF
Word Marking "STOP"	1	EA
2" Full Pavement Width Grind/Mill	45,396	SQ.FT
2" Fill/Overlay (1/2" HMA)	567	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'
CHECKED: YC | VERT: 1"=20'
APPROVED: | DATE: 4/21/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL
City of Morgan Hill
ENGINEERING AND UTILITIES
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

JACKSON OAKS DRIVE
(STATION 51+80 TO STATION 71+16)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/21/2022
SHEET NUMBER: 16 of 26

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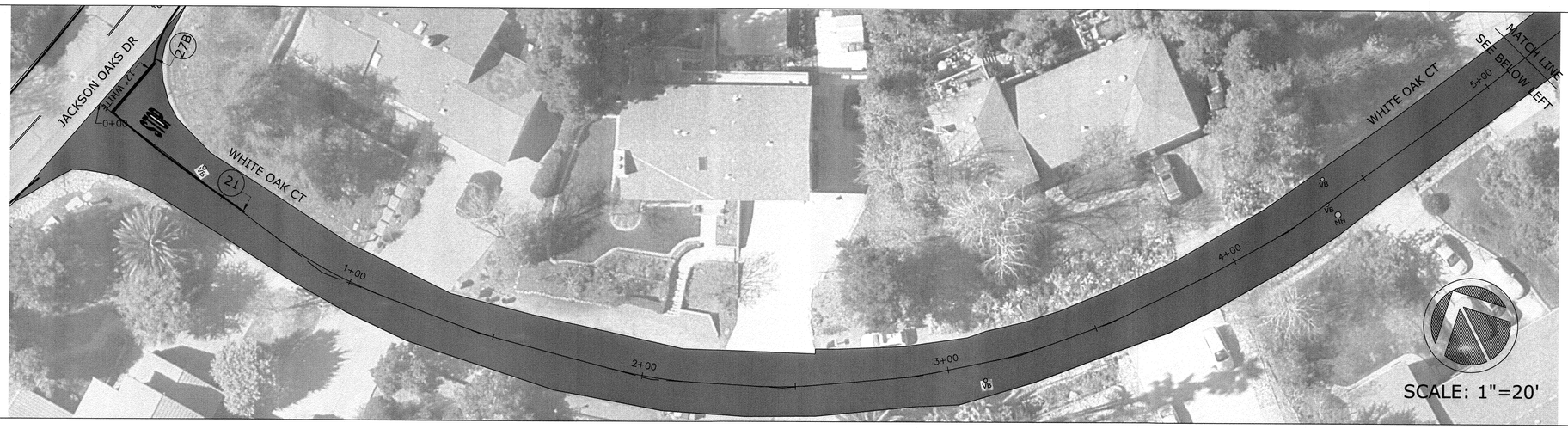
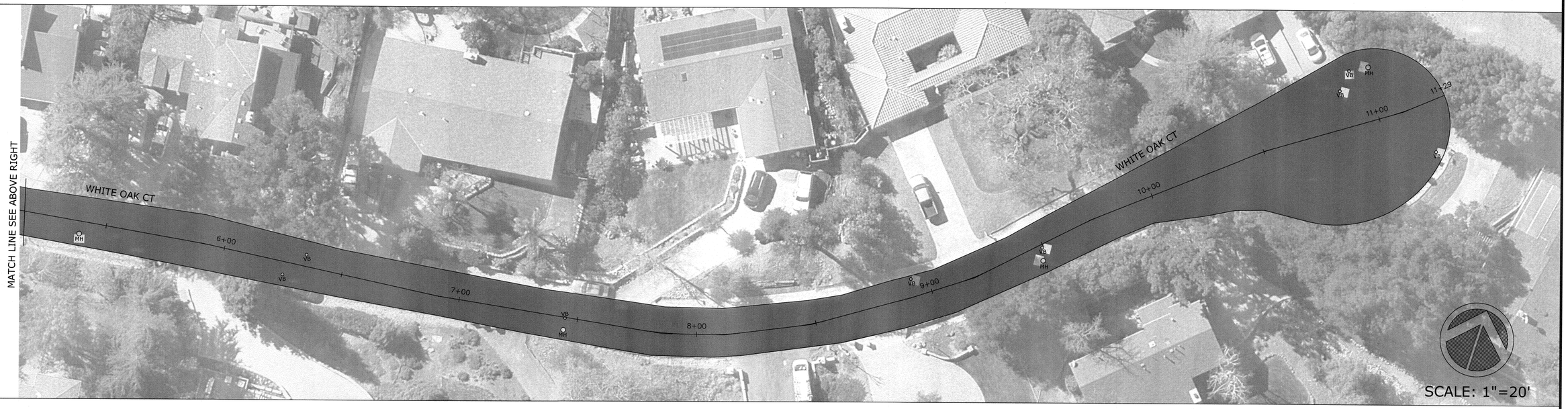


SCALE: 1"=20'

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 21	54	LF
Caltrans Detail 27B	11	LF
White Word Marking "STOP"	1	EA
Two-Way Blue Fire Hydrant Markers	2	EA
12" White Line	22	LF
Slurry Seal	3,022	SY

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.



SCALE: 1"=20'

LEGEND

= SLURRY SEAL

(#) = CALTRANS PAVEMENT DELINEATION DETAIL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'
CHECKED: YC | VERT: 1"=20'
APPROVED: DATE: 4/26/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

WHITE OAK CT
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 17 of 26

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TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 21	43	LF
Caltrans Detail 27B	7	LF
White Word Marking "STOP"	1	EA
Two-Way Blue Fire Hydrant Markers	2	EA
12" White Line	22	LF
Slurry Seal	2,629	SY

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

LEGEND

= Slurry Seal

(#) = CALTRANS PAVEMENT DELINEATION DETAIL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:

BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'

CHECKED: YC | VERT: 1"=20'

APPROVED: | DATE: 4/21/22 | JOB NUMBER: 51900

SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

OAK HILL CT
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 18 of 26

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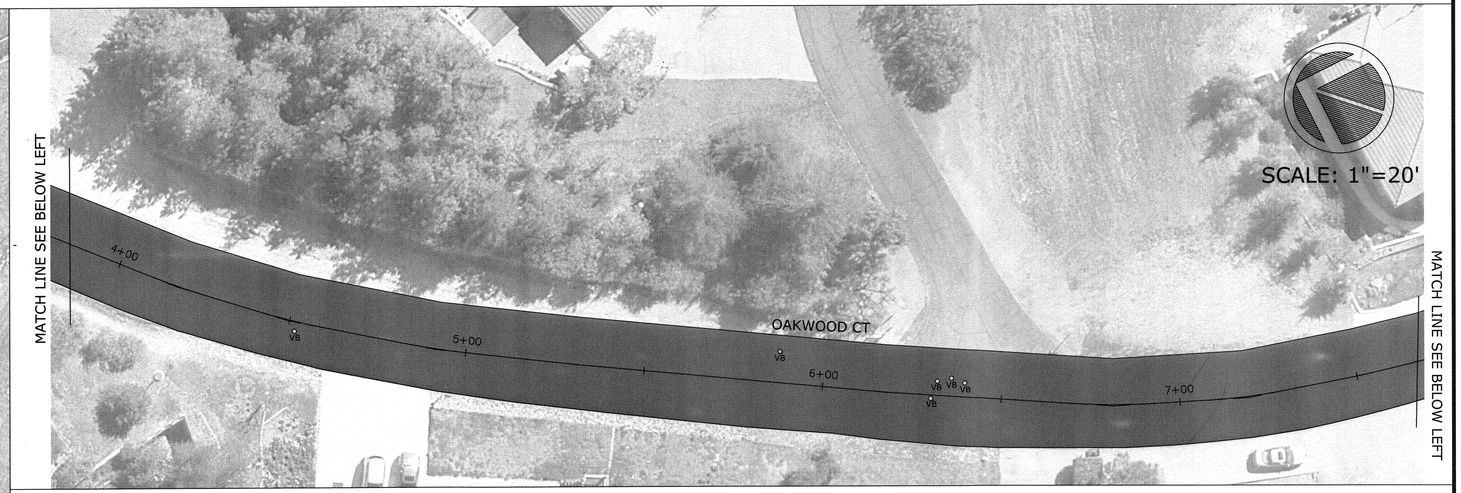
TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 22	373	LF
White Word Marking "STOP"	1	EA
Two-Way Blue Fire Hydrant Markers	3	EA
12" White Line	22	LF
Slurry Seal	4,166	SY

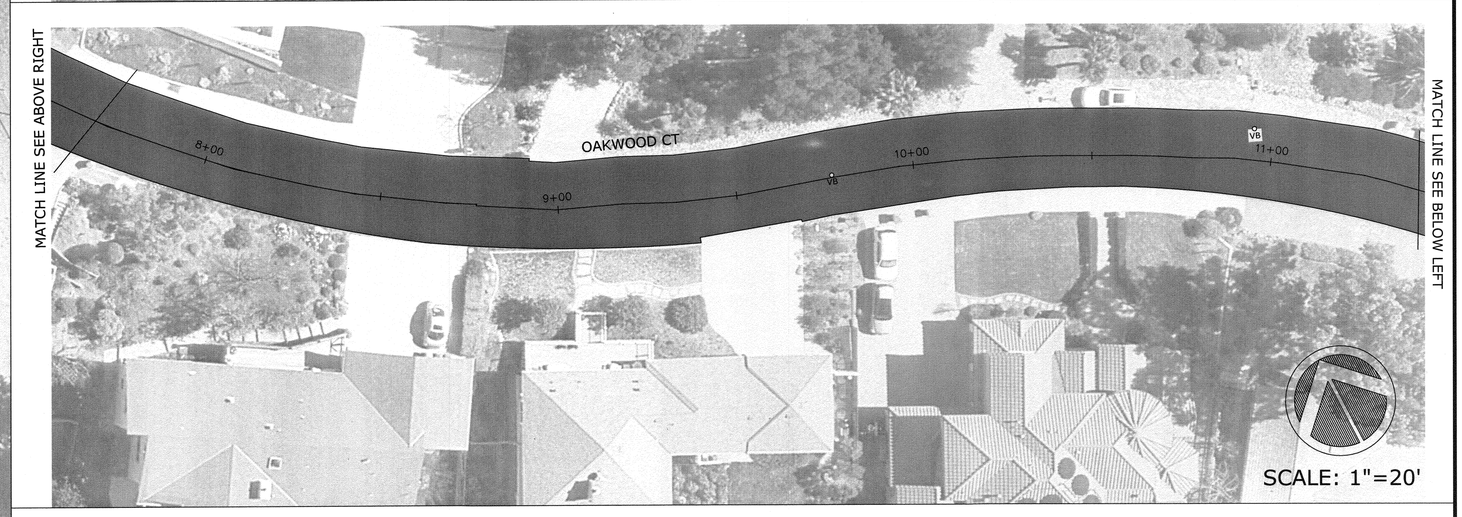
* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

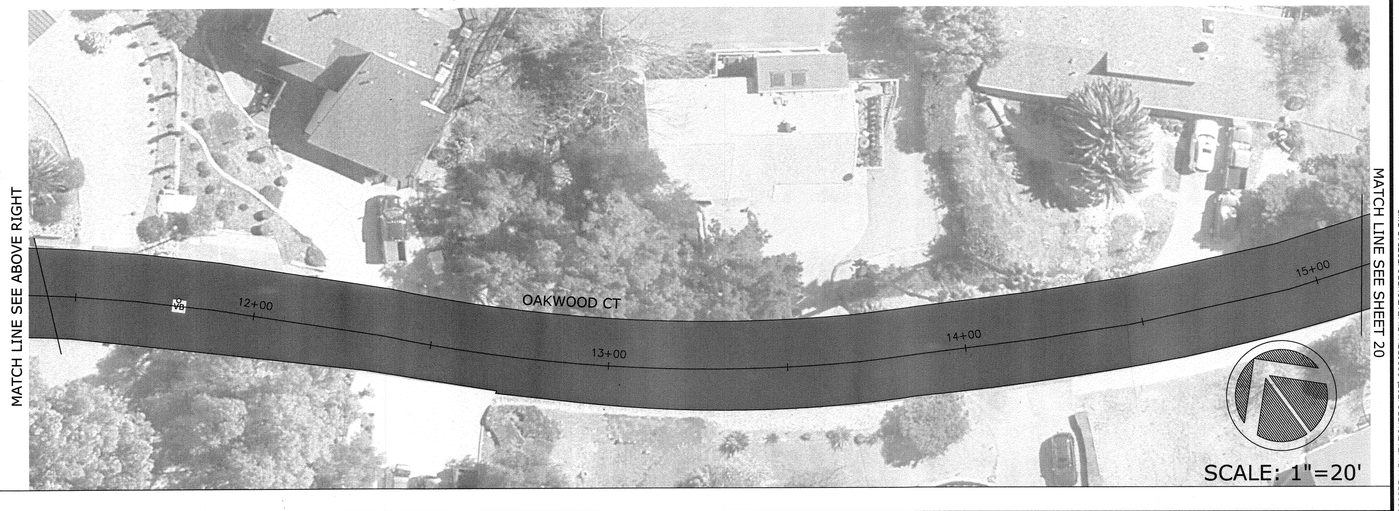
LEGEND

= Slurry Seal

(#) = CALTRANS PAVEMENT DELINEATION DETAIL







NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR: BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'
CHECKED: YC | VERT: 1"=20'
APPROVED: | DATE: 4/24/22 | JOB NUMBER: 51900

SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL
City of Morgan Hill
ENGINEERING AND UTILITIES
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

OAKWOOD CT
(STATION 0+00 TO STATION 15+13)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 19 of 26

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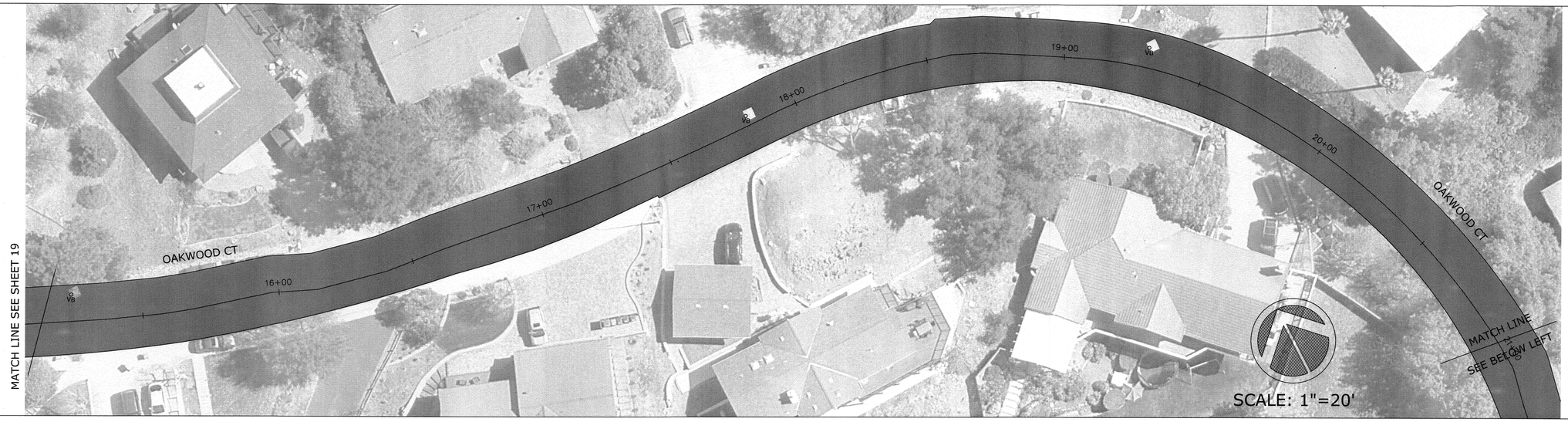

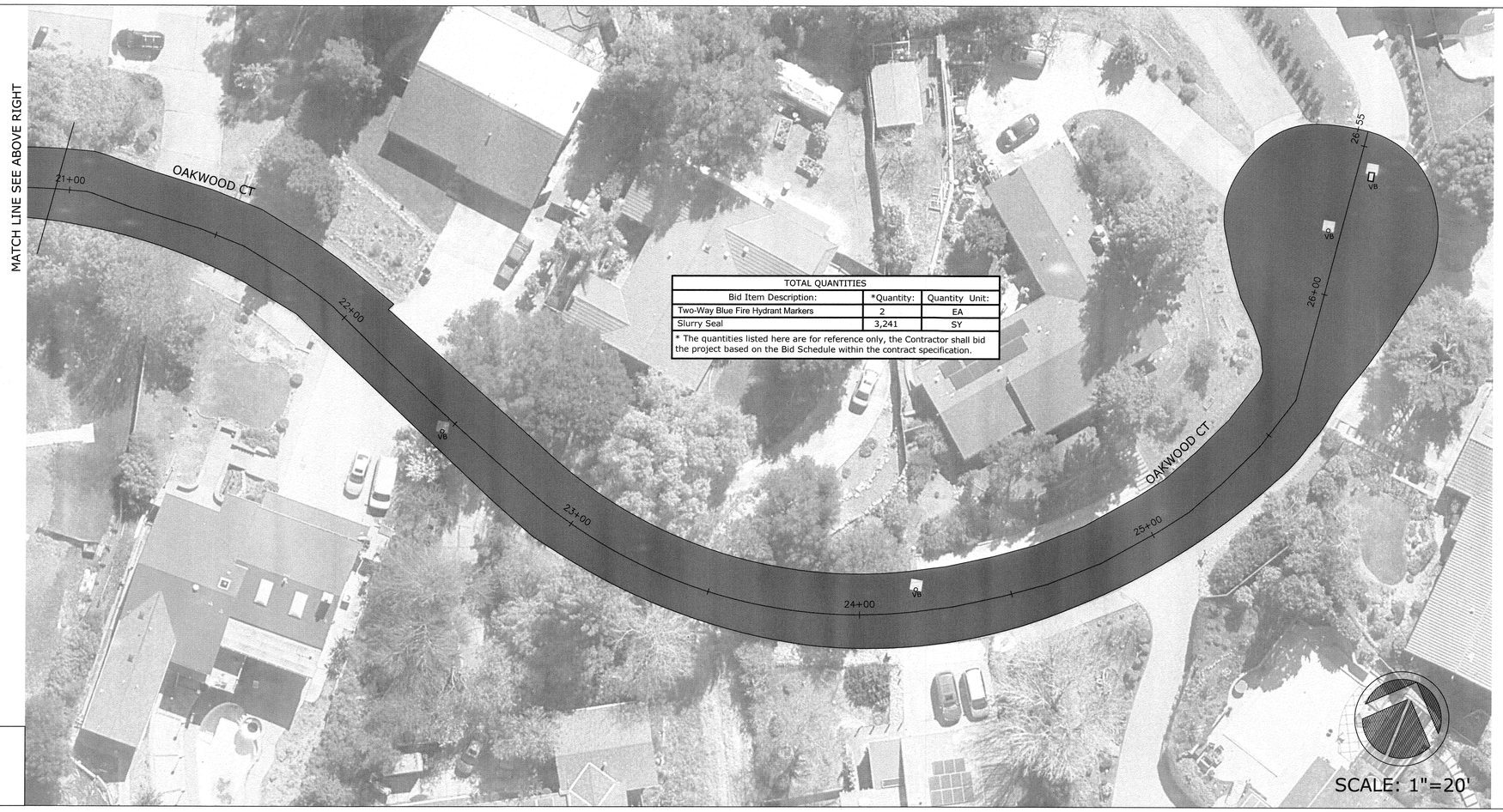

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Two-Way Blue Fire Hydrant Markers	2	EA
Slurry Seal	3,241	SY
* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.		

LEGEND

= Slurry Seal

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'
CHECKED: YC | VERT: 1"=20'
APPROVED: | DATE: 4/26/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

OAKWOOD CT
(STATION 15+13 TO STATION 26+55)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 20 of 26

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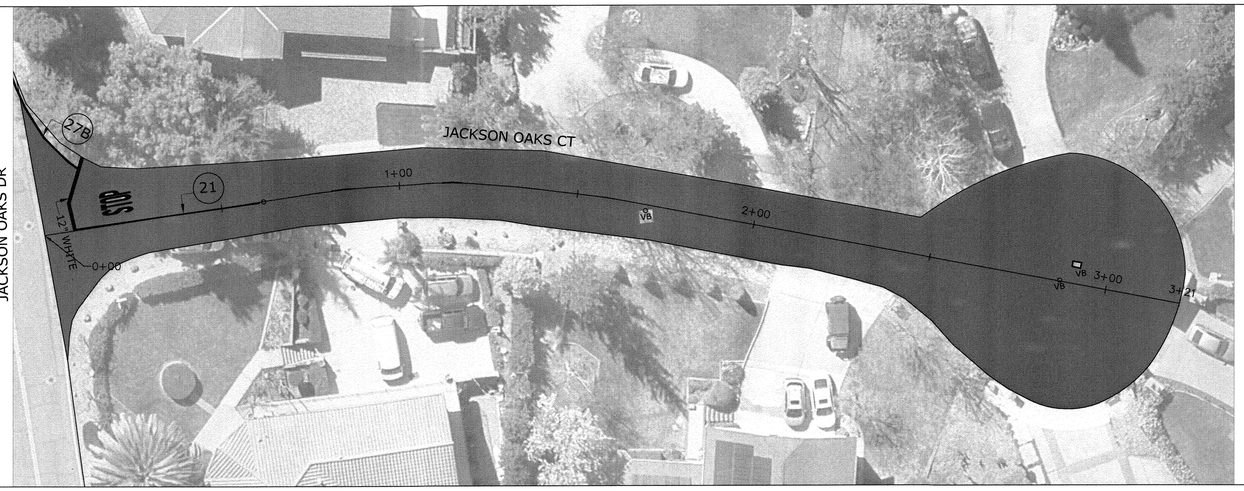

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 21	52	LF
Caltrans Detail 27B	27	LF
White Word Marking "STOP"	1	EA
12" White Line	21	LF
Slurry Seal	1,064	SY

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

SCALE: 1"=20'



SCALE: 1"=20'



SCALE: 1"=20'

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 21	42	LF
Caltrans Detail 27B	21	LF
White Word Marking "STOP"	1	EA
Two-Way Blue Fire Hydrant Markers	2	EA
12" White Line	23	LF
Slurry Seal	2,669	SY

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

LEGEND

= Slurry Seal

(#) = CALTRANS PAVEMENT DELINEATION DETAIL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:

BY: DATE:

DRAWN: AEV DESIGN: YC HOR: 1"=20'

CHECKED: YC VERT: 1"=20'

APPROVED: DATE: 4/26/22 JOB NUMBER: 51900

SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

JACKSON OAKS CT & OAK CANYON DRIVE 2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00

PRINT DATE: 4/25/2022

SHEET NUMBER: 21 of 26

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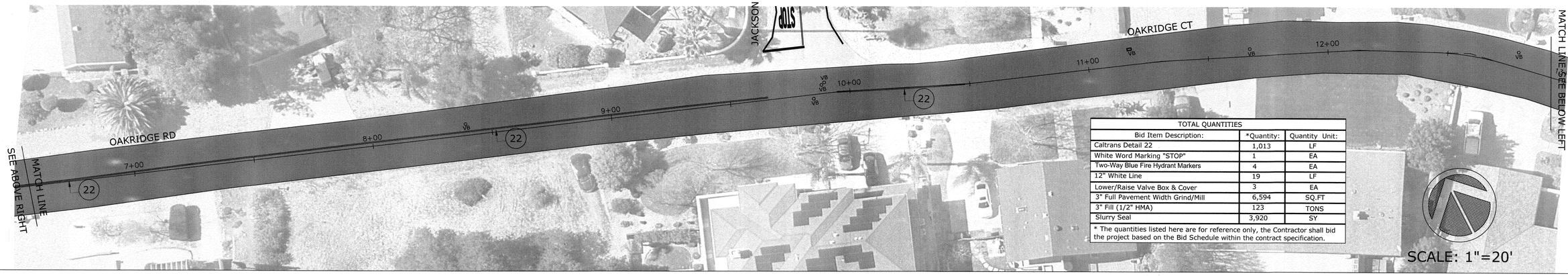
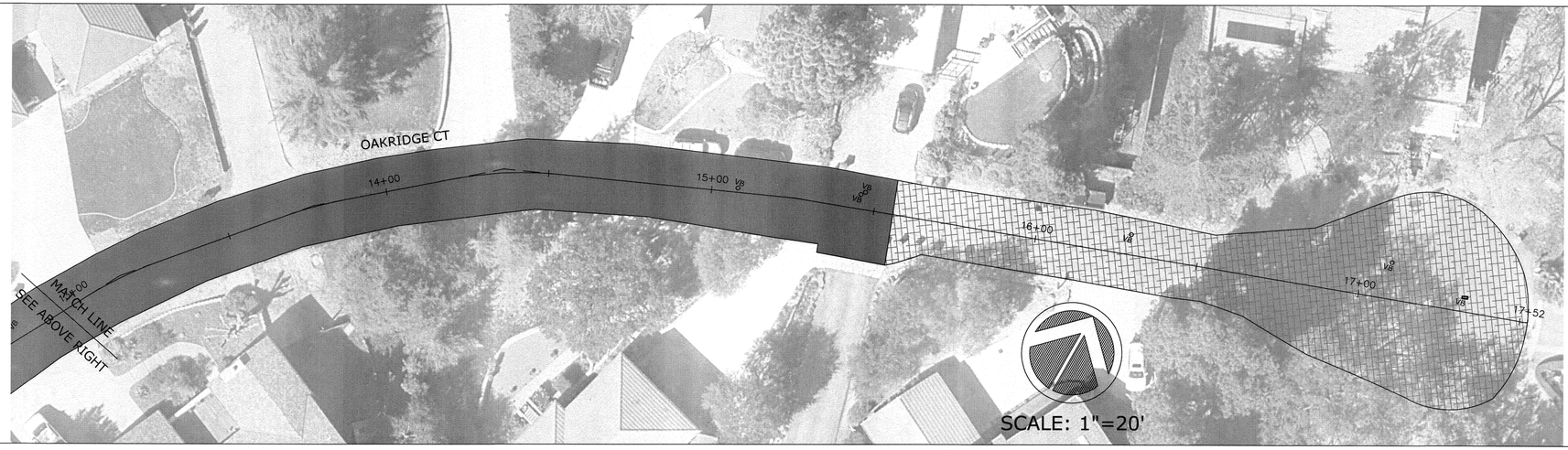


TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 22	1,013	LF
White Word Marking "STOP"	1	EA
Two-Way Blue Fire Hydrant Markers	4	EA
12" White Line	19	LF
Lower/Raise Valve Box & Cover	3	EA
3" Full Pavement Width Grind/Mill	6,594	SQ.FT
3" Fill (1/2" HMA)	123	TONS
Slurry Seal	3,920	SY

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.



LEGEND

= 3" MILL & FILL

= Slurry Seal

(#) = CALTRANS PAVEMENT DELINEATION DETAIL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:

BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'

CHECKED: YC | VERT: 1"=20'

APPROVED: DATE: 4/26/22 | JOB NUMBER: 51900

SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

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OAKRIDGE ROAD & OAKRIDGE CT
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00

PRINT DATE: 4/25/2022

SHEET NUMBER: 22 of 26

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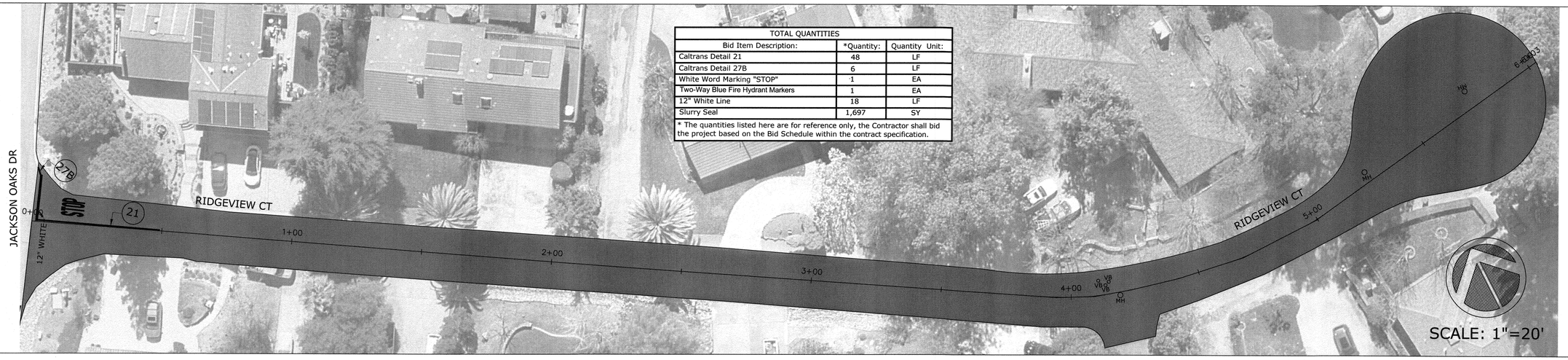

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 21	48	LF
Caltrans Detail 27B	6	LF
White Word Marking "STOP"	1	EA
Two-Way Blue Fire Hydrant Markers	1	EA
12" White Line	18	LF
Slurry Seal	1,697	SY

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.



TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 21	39	LF
Caltrans Detail 27B	19	LF
White Word Marking "STOP"	1	EA
Two-Way Blue Fire Hydrant Markers	1	EA
12" White Line	19	LF
Slurry Seal	987	SY

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

LEGEND

= SLURRY SEAL

(#) = CALTRANS PAVEMENT DELINEATION DETAIL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: BY: DATE:

INSPECTOR:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'

CHECKED: YC | VERT: 1"=20'

APPROVED: DATE: 4/26/22 | JOB NUMBER: 51900

SCOTT CREER-CITY ENGINEER
PE 58679 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

RIDGEVIEW CT & LIVE OAK CT
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00

PRINT DATE: 4/25/2022

SHEET NUMBER: 23 of 26

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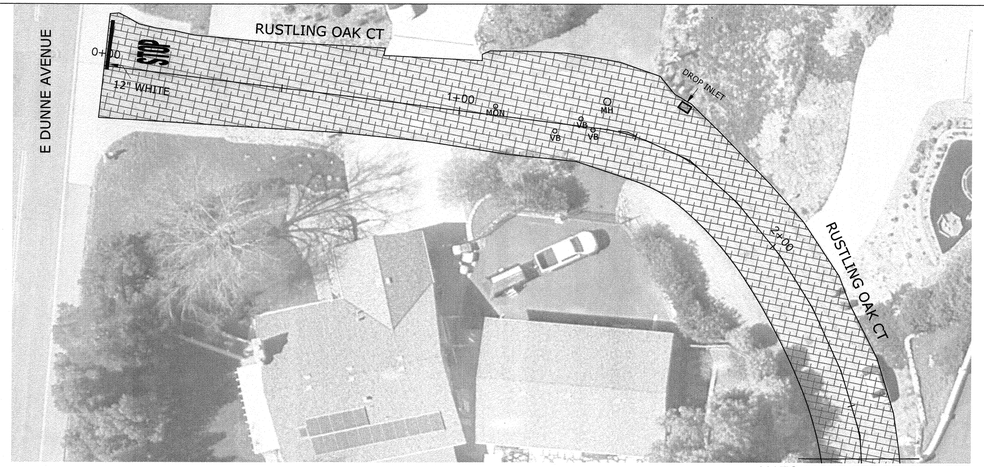

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Lower/Raise Manhole Frame & Cover	5	EA
Lower/Raise Valve Box & Cover	7	EA
Lower/Raise Monument Box/Lid	1	EA
White Word Marking "STOP"	1	EA
Two-Way Blue Fire Hydrant Markers	6	EA
12" White Line	14	LF
3" Full Pavement Width Grind\Mill	23,904	SQ.FT
3" Fill (1/2" HMA)	448	TONS

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

SCALE: 1"=20'



SCALE: 1"=20'

LEGEND

= 3" MILL & FILL

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=20'
CHECKED: YC | VERT: 1"=20'
APPROVED: DATE: 4/25/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

City of Morgan Hill
ENGINEERING AND UTILITIES
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

RUSTLING OAK CT
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 24 of 26

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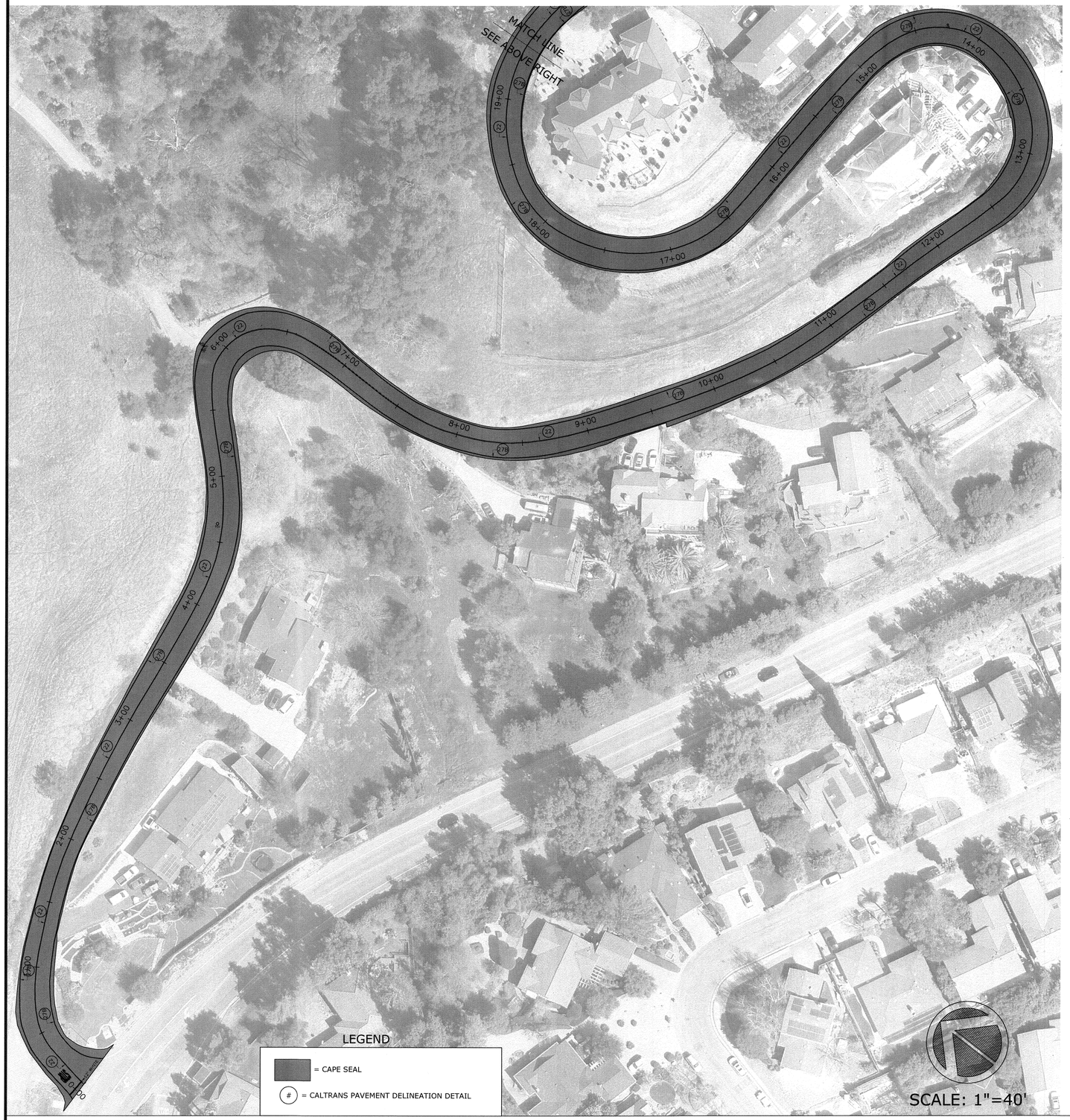
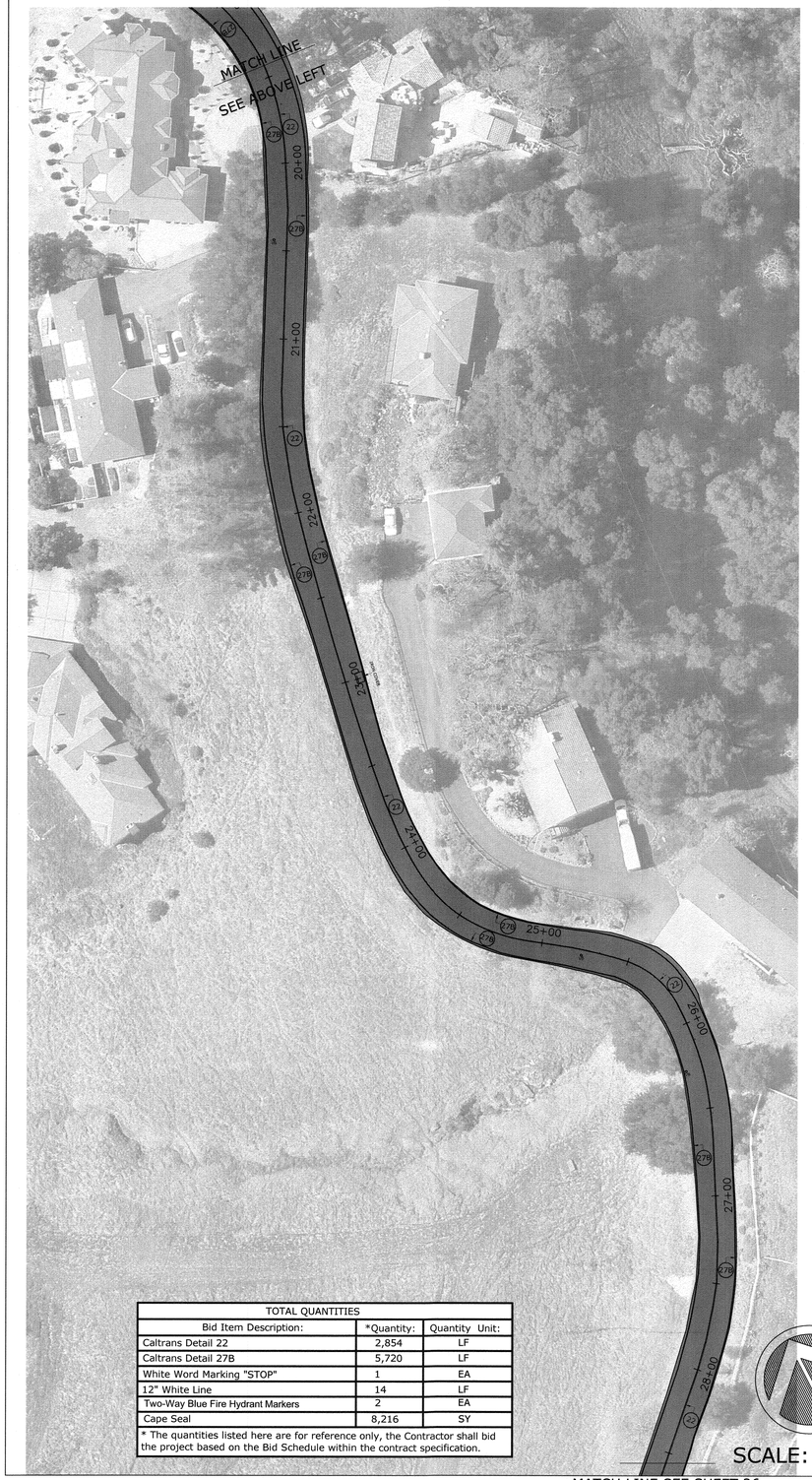


SCALE: 1"=40'



TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 22	2,854	LF
Caltrans Detail 27B	5,720	LF
White Word Marking "STOP"	1	EA
12" White Line	14	LF
Two-Way Blue Fire Hydrant Markers	2	EA
Cape Seal	8,216	SY

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

SCALE: 1"=40'

MATCH LINE SEE SHEET 26

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=40'
CHECKED: YC | VERT: 1"=40'
APPROVED: [signature] DATE: 4/26/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL
City of Morgan Hill
ENGINEERING AND UTILITIES
17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

THOMAS GRADE
(STATION 0+00 TO STATION 28+55)
2022 PAVEMENT REHABILITATION PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 25 of 26

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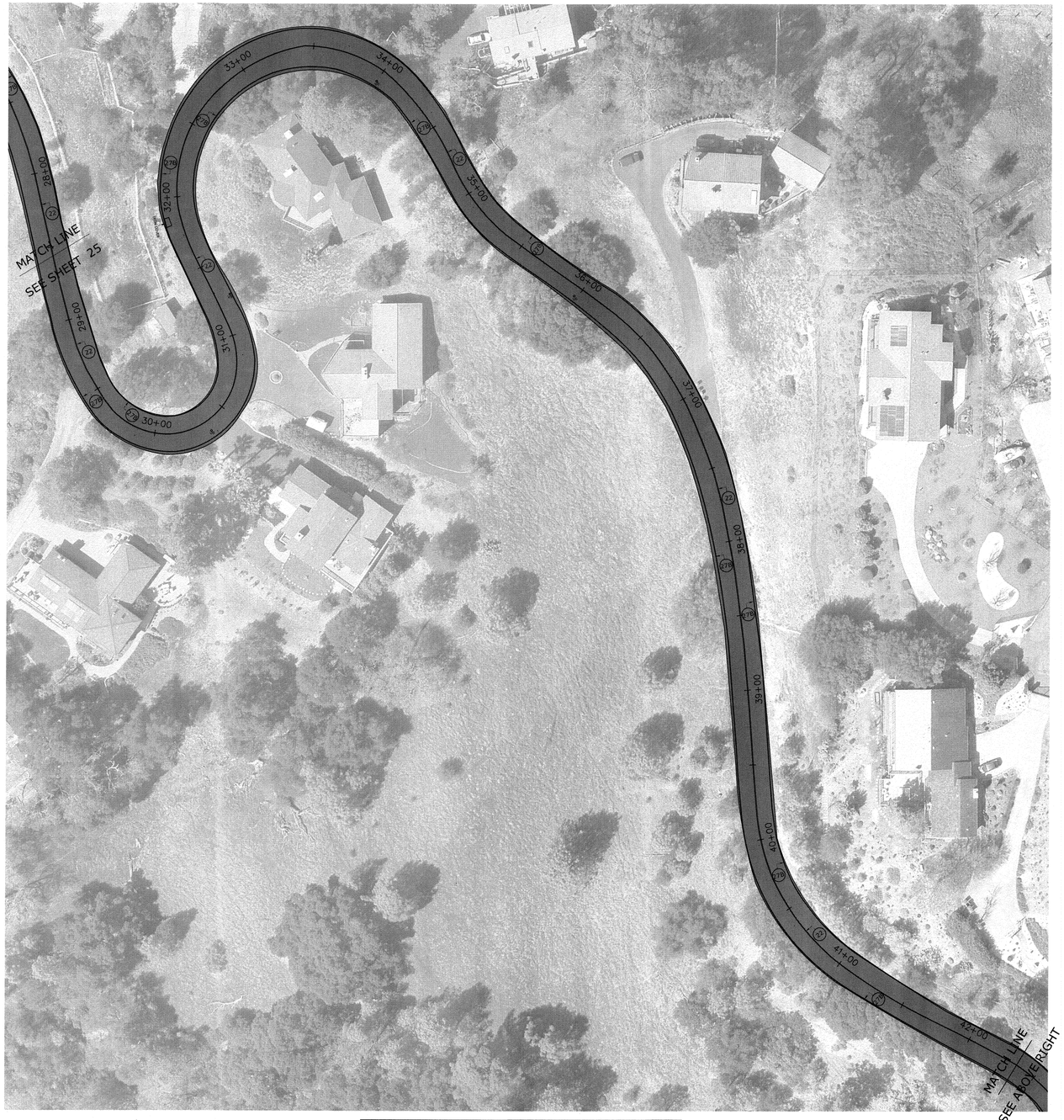

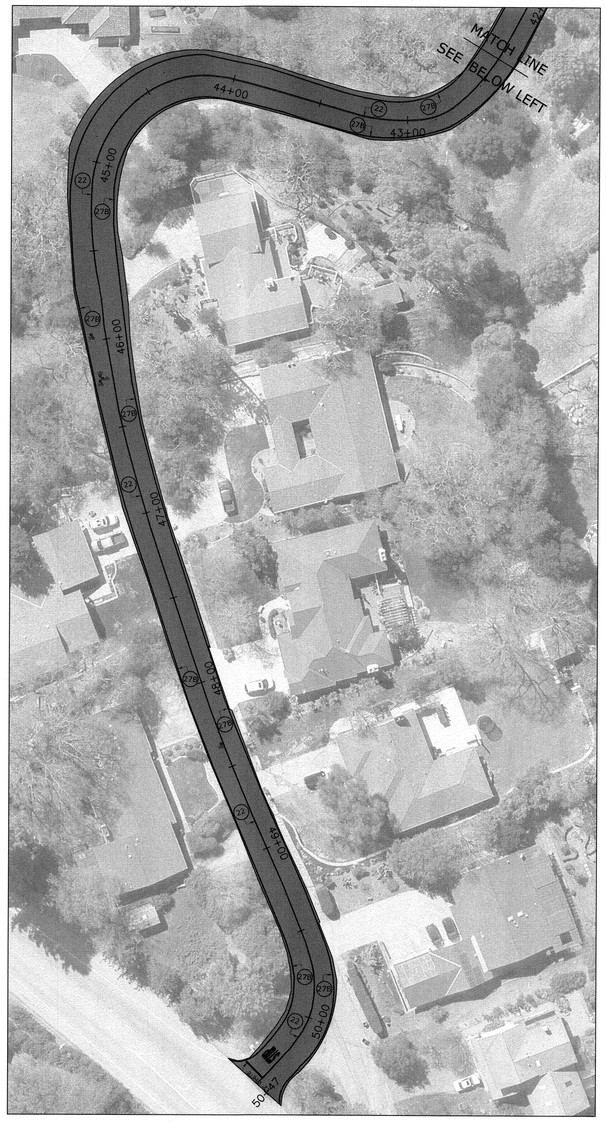

LEGEND

= CAPE SEAL

(#) = CALTRANS PAVEMENT DELINEATION DETAIL

TOTAL QUANTITIES		
Bid Item Description:	*Quantity:	Quantity Unit:
Caltrans Detail 22	2,186	LF
Caltrans Detail 27B	4,385	LF
White Word Marking "STOP"	1	EA
12" White Line	14	LF
Two-Way Blue Fire Hydrant Markers	4	EA
Cape Seal	5,897	SY

* The quantities listed here are for reference only, the Contractor shall bid the project based on the Bid Schedule within the contract specification.

SCALE: 1"=40'

SCALE: 1"=40'

NO.	DESCRIPTION	DATE	BY

WORK ACCEPTED: INSPECTOR:
BY: DATE:

DRAWN: AEV | DESIGN: YC | HOR: 1"=40'
CHECKED: YC | VERT: 1"=40'
APPROVED: | DATE: 4/26/22 | JOB NUMBER: 51900
SCOTT CREER-CITY ENGINEER
PE 58879 EXP. 6/30/2023

CITY OF MORGAN HILL

City of Morgan Hill
ENGINEERING AND UTILITIES

17575 Peak Ave. Morgan Hill, CA 95037 (408)778-6480 WWW.MORGAN-HILL.CA.GOV

THOMAS GRADE
(STATION 28+55 TO STATION 50+47)
2022 PAVEMENT RESURFACING PROJECT

FILE NUMBER: 000.00
PRINT DATE: 4/25/2022
SHEET NUMBER: 26 of 26

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