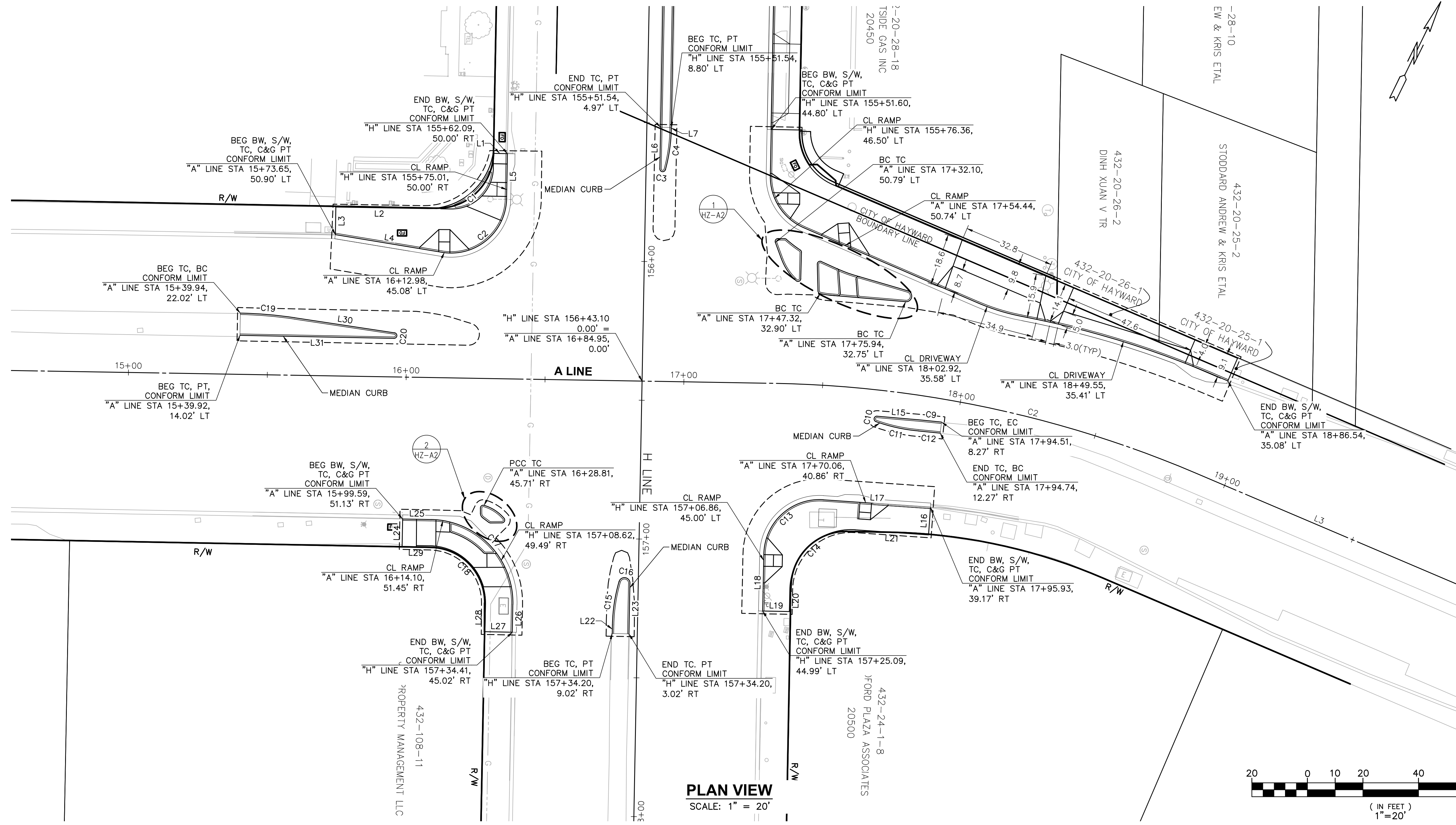
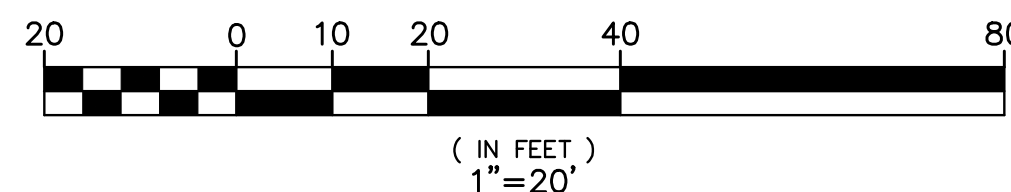


REVIEWED BY:	DATE:
SURVEY	TRAFFIC
ENVIRONMENTAL	
CONSTRUCTION	
MAINTENANCE	
REAL ESTATE	



PLAN VIEW
SCALE: 1" = 20'



LEGEND
- - - - - LIMIT OF WORK

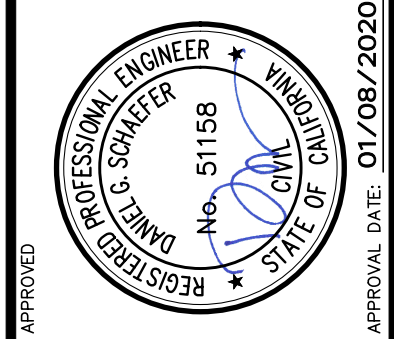
Line #/Curve #	Length	Bearing/Delta	Radius
C1	34.49	79.04	25.00
C2	34.33	98.34	20.00
C3	2.89	165.71	1.00
C4	14.92	14.25	60.00
C9	8.06	1.59	290.00
C10	2.88	165.04	1.00
C11	15.67	14.96	60.00
C12	7.95	1.59	286.00
C13	32.41	92.86	20.00
C14	35.65	92.86	22.00
C15	15.80	15.09	60.00
C16	5.76	164.91	2.00
C17	47.13	90.01	30.00
C18	31.18	89.31	20.00
C19	19.56	7.47	150.00

Line #/Curve #	Length	Bearing/Delta	Radius
C20	3.01	172.53	1.00
L1	5.53	S64° 51' 47.00"W	
L2	31.40	S64° 44' 18.36"W	
L3	9.95	S25° 15' 41.64"E	
L4	38.92	N73° 12' 13.12"E	
L5	16.18	N25° 08' 13.00"W	
L6	14.99	S25° 10' 28.24"E	
L7	0.47	N25° 08' 13.00"W	
L15	15.23	S68° 42' 09.37"W	
L16	10.00	N22° 13' 59.17"W	
L17	38.71	S67° 46' 00.83"W	
L18	20.51	S25° 05' 23.12"E	
L19	9.61	N64° 54' 36.88"E	
L20	7.92	N25° 05' 23.12"W	
L21	26.49	N67° 46' 00.83"E	

Line #/Curve #	Length	Bearing/Delta	Radius
L22	3.09	N25° 05' 23.12"W	
L23	18.19	S25° 05' 23.12"E	
L24	9.95	N25° 05' 47.34"W	
L25	10.27	N64° 54' 12.66"E	
L26	10.00	S25° 05' 23.12"E	
L27	10.16	S64° 54' 36.88"W	
L28	10.27	N25° 44' 27.88"W	
L29	10.01	S64° 56' 40.99"W	
L30	36.42	S72° 22' 27.64"W	
L31	55.48	N64° 54' 12.66"E	

Number	Length	Radius	Line/Chord Direction	Beg Northing	Beg Easting
L1	111.76		S88° 09' 44.55"E	2068675.890	6092713.431
C1	218.39	462.00	N78° 17' 44.70"E	2068672.306	6092825.129
L2	402.13		N64° 45' 13.96"E	2068716.197	6093036.991
C2	156.52	406.00	N75° 47' 53.25"E	2068887.707	6093400.708
L3	224.33		N86° 50' 32.54"E	2068925.870	6093551.507

NO.	DESCRIPTION	BY	DATE	APPV'D



BKF
ENGINEERS / SURVEYORS / PLANNERS
1648 N CALIFORNIA BLVD
SUITE 400, BAYVIEW, CA 94597
925.940.2280 (TEL)
925.940.2280 (TEL)

DESIGNED BY:	DESIGNED:
DRAWN BY:	DRAWN:
CHECKED BY:	CHECKED:
APPROVED BY:	APPROVED:

CITY OF HAYWARD PUBLIC WORKS
HESPERIAN BOULEVARD
CORRIDOR IMPROVEMENT PROJECT
FROM EMBERS WAY TO WEST A STREET
LAYOUT PLAN WEST A

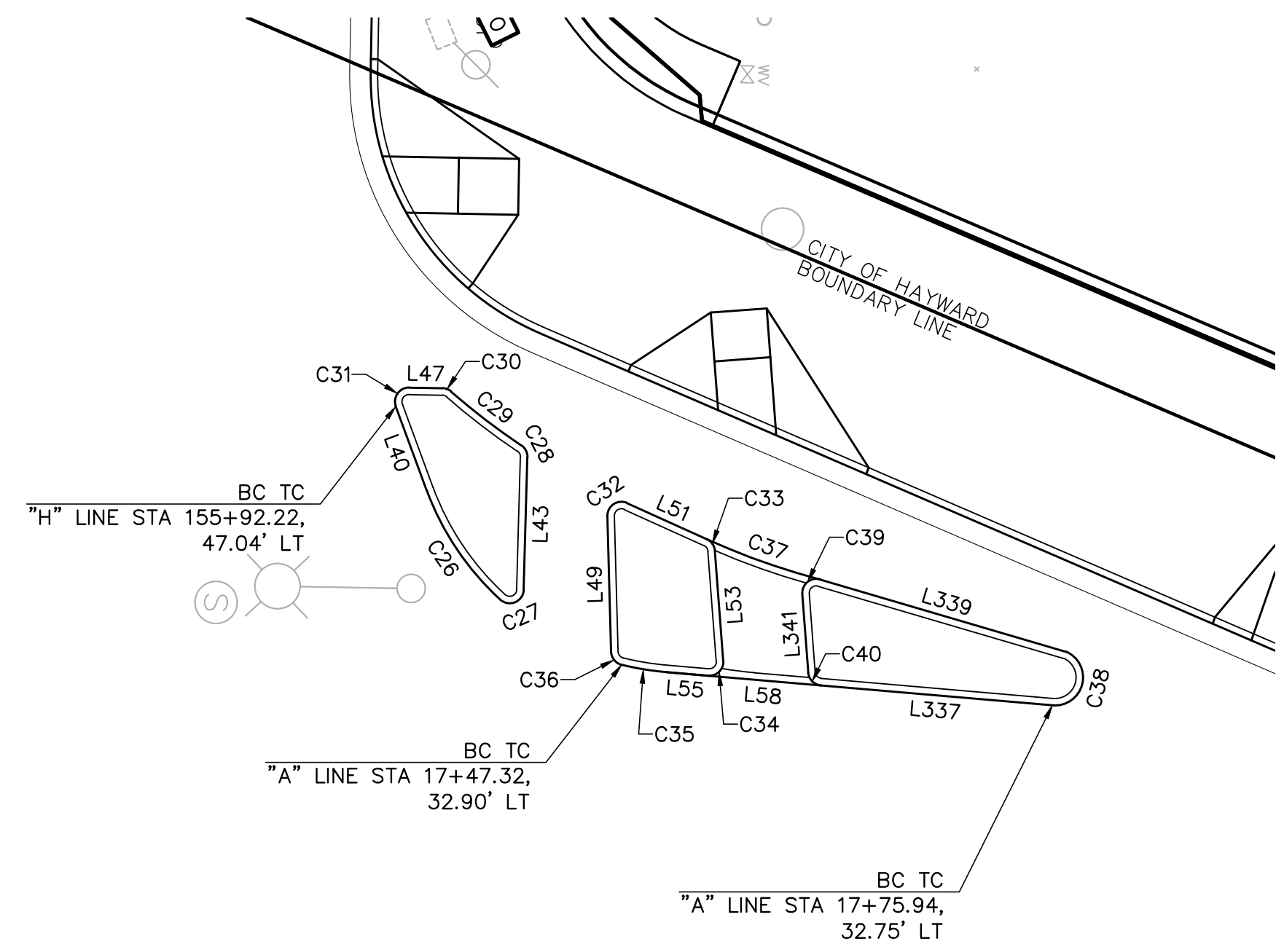
APPROVAL GRANTED
Kathy Clavin
ELECTRONIC APPROVAL
Jan 08, 2020
CITY OF HAYWARD - ASSISTANT CITY ENGINEER

DATE	SCALE
SEP. 2019	AS SHOWN
WORK ORDER NO.	R32095
SPECIFICATION NO.	2385
SHEET NO.	1 OF 14
FILE NO.	U-84-19

SHEET REF. NO. **HZ-A1**

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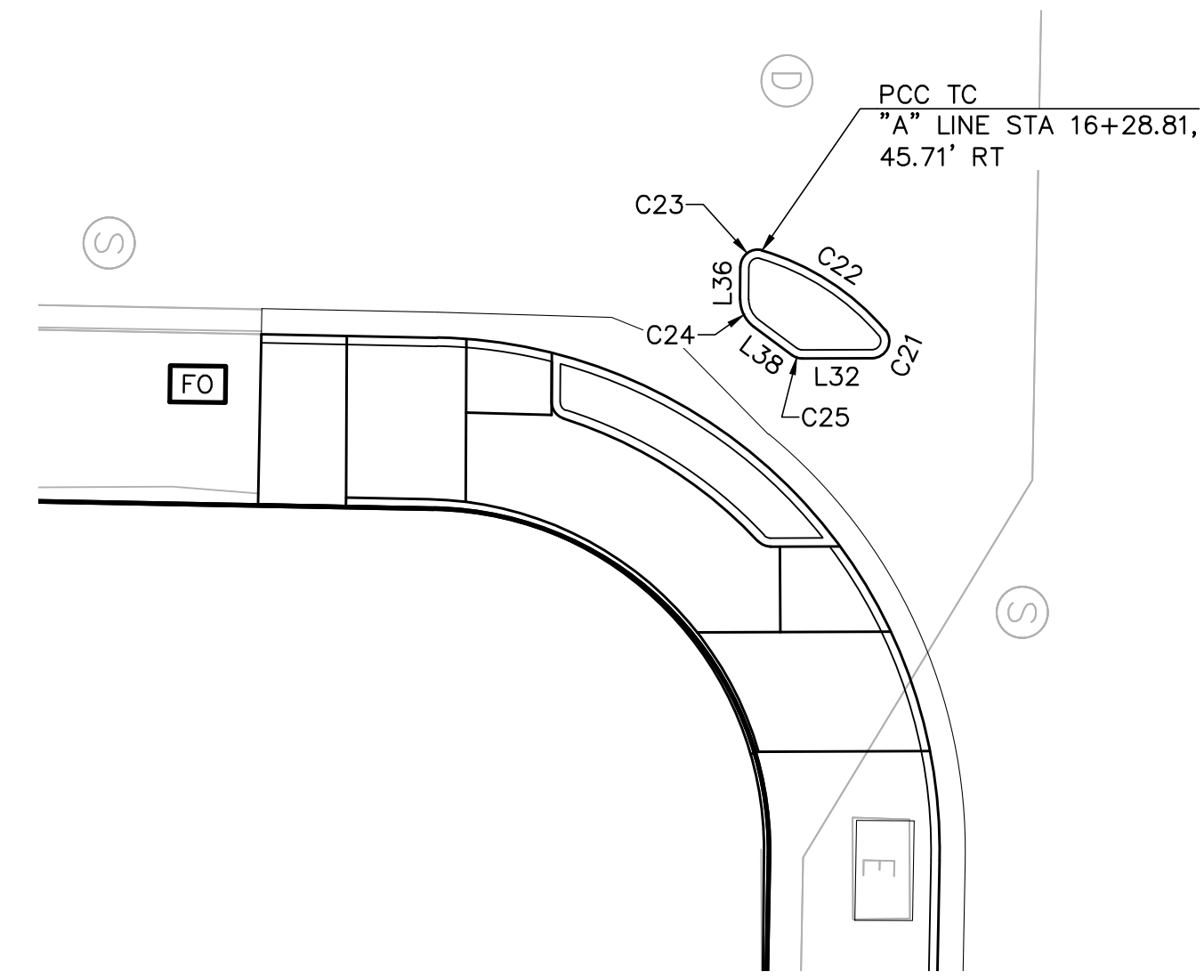
REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
CONSTRUCTION		SURVEY	
MAINTENANCE		TRAFFIC	
REAL ESTATE		ENVIRONMENTAL	



NEW ISLAND DETAIL (HZ-A1)
NORTHEAST QUADRANT

SCALE: 1"=10'

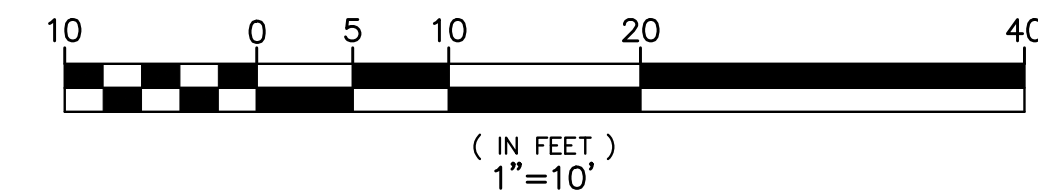
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HZ-A2



NEW ISLAND DETAIL (HZ-A1)
SOUTHWEST QUADRANT

SCALE: 1"=10'

2
HZ-A2



Line #/Curve #	Length	Bearing/Delta	Radius
C21	2.27	130.31	1.00
C22	8.69	33.21	15.00
C23	1.85	105.98	1.00
C24	1.87	53.71	2.00
C25	0.64	36.78	1.00
C26	9.54	27.32	20.00
C27	2.28	130.89	1.00
C28	0.99	40.40	1.40
C29	6.30	7.51	48.10
C30	0.70	42.34	0.95
C31	1.94	111.26	1.00
C32	2.02	115.90	1.00
C33	1.08	61.62	1.00
C34	1.73	99.24	1.00

Line #/Curve #	Length	Bearing/Delta	Radius
C35	3.17	9.07	20.00
C36	1.30	74.47	1.00
C37	8.63	9.27	53.33
C38	5.64	161.55	2.00
C39	1.93	110.70	1.00
C40	1.41	80.76	1.00
L32	4.10	N63° 35' 51.43"E	
L36	1.90	S25° 54' 41.26"E	
L38	2.77	S79° 37' 08.64"E	
L40	6.36	S46° 24' 04.03"E	
L43	9.46	N24° 36' 57.40"W	
L47	2.36	S64° 51' 47.00"W	
L49	9.68	N27° 45' 26.84"W	
L51	6.23	N88° 08' 39.02"E	

Line #/Curve #	Length	Bearing/Delta	Radius
L53	7.88	S30° 32' 10.09"E	
L55	3.06	S68° 42' 09.37"W	
L58	8.11	S68° 42' 09.37"W	
L337	16.60	N68° 42' 09.37"E	
L339	18.31	S80° 09' 55.02"W	
L341	5.63	S30° 32' 10.09"E	

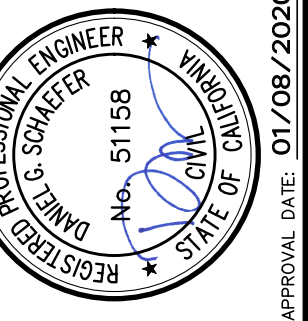
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FOR REDUCED ENGLISH PLANS
ORIGINAL SCALE IS IN INCHES



REVISIONS

NO.	DESCRIPTION	BY	DATE	APPV'D



APPROVED: [Signature]
DATE: 01/08/2020
DSS

1648 N CALIFORNIA BLVD
SUITE 400
SAN JOSE, CA 94107
925-940-2280 (TEL)
925-940-2200 (TEL)

BKF
ENGINEERS / SURVEYORS / PLANNERS

DESIGNED: BKF
CHECKED: BKF
APPROVED: BKF

CITY OF HAYWARD PUBLIC WORKS

REVIEWED: [Signature]
DESIGNED: [Signature]
APPROVAL RECOMMENDED: [Signature]
APPROVAL RECOMMENDED: [Signature]

CITY OF HAYWARD PUBLIC WORKS
HESPERIAN BOULEVARD
CORRIDOR IMPROVEMENT PROJECT
FROM EMBERS WAY TO WEST A STREET
LAYOUT DETAILS WEST A

APPROVAL GRANTED

Kathy Stovani
ELECTRONIC APPROVAL
Jan 08, 2020
CITY OF HAYWARD - ASSISTANT CITY ENGINEER

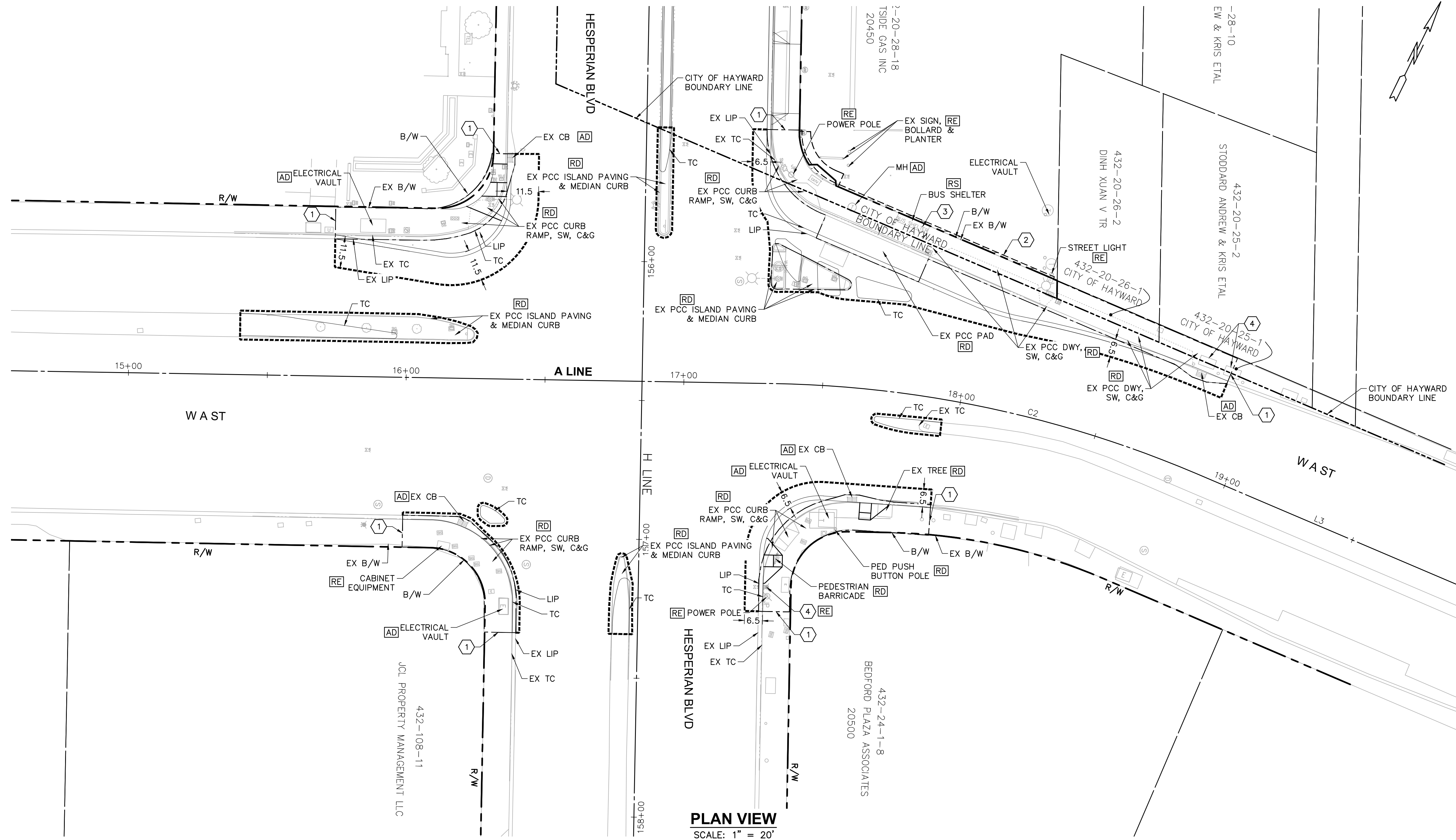
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SCALE: AS SHOWN
WORK ORDER NO.: R32095
SPECIFICATION NO.: 2385

SHEET NO.: 2 OF 14
FILE NO.: U-84-19

SHEET REF. NO.: HZ-A2

REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
SURVEY	TRAFFIC	ENVIRONMENTAL	
CONSTRUCTION	REAL ESTATE		

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PLAN VIEW
SCALE: 1" = 20'

DEMOLITION LEGEND

- LIMIT OF CONCRETE REMOVAL
- EXISTING AC CONFORM AREA*
- LIMIT OF AC
- SAWCUT LINE

DEMOLITION STANDARD NOTATIONS

- AD** ADJUST TO GRADE
- RD** REMOVE AND DISPOSE OF EXISTING FACILITY
- RE** EXISTING FACILITY TO REMAIN
- RS** REMOVE AND SALVAGE EXISTING FACILITY

DEMOLITION NOTES

1. REMOVE AND DISPOSE ALL EXISTING VEGETATION, INCLUDING SHRUBS AND TREES, IN THE CENTER MEDIAN ISLANDS WITHIN THE PROJECT LIMIT, UNLESS NOTED OTHERWISE.
2. SEE HZ SHEET FOR EXACT LOCATION AND DIMENSIONS OF PROPOSED CURBS AND GUTTERS.
3. SEE SR SHEET FOR SIGN REMOVAL DEMOLITION DETAILS.
4. ALL UTILITY BOXES AND VAULTS WITHIN PROJECT LIMITS ARE TO BE PROTECTED AND ADJUSTED TO GRADE AS NECESSARY, UNLESS OTHERWISE NOTED.
5. TRAFFIC SIGNAL BOXES ARE TO BE REPLACED BY NEW BOXES IN NEW LOCATIONS. SEE SHEET TS-A1 FOR MORE INFORMATION.

DEMOLITION KEYNOTES

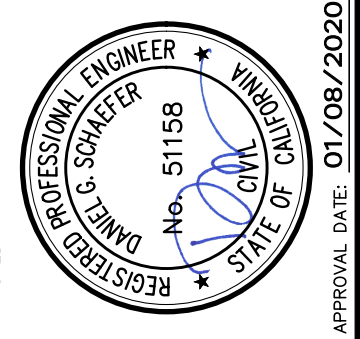
- ① LIMIT OF CONCRETE REMOVAL AND CONFORM, TYPICAL.
- ② LIMIT OF ASPHALT REMOVAL AND CONFORM, TYPICAL.
- ③ REMOVE AND SALVAGE EXISTING BUS BENCH, SEE SPECIAL PROVISIONS.
- ④ PROTECT EXISTING UTILITY (TYPICAL).

APPROVAL GRANTED
Kathy Owen
ELECTRONIC APPROVAL
Jan 08, 2020
CITY OF HAYWARD - ASSISTANT CITY ENGINEER

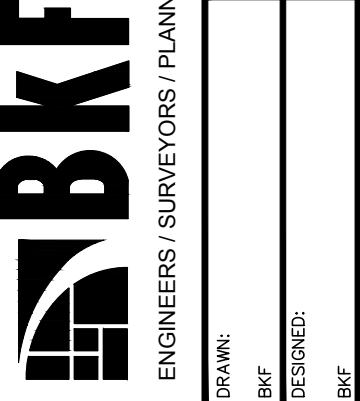


SHEET REF. NO. **DE-A1**

REVISIONS	NO.	DESCRIPTION	BY	DATE	APPV'D



1648 N CALIFORNIA BLVD
SUITE 400
EMERYVILLE, CA 94607
925-940-2288 (TEL)
925-940-2200 (TEL)



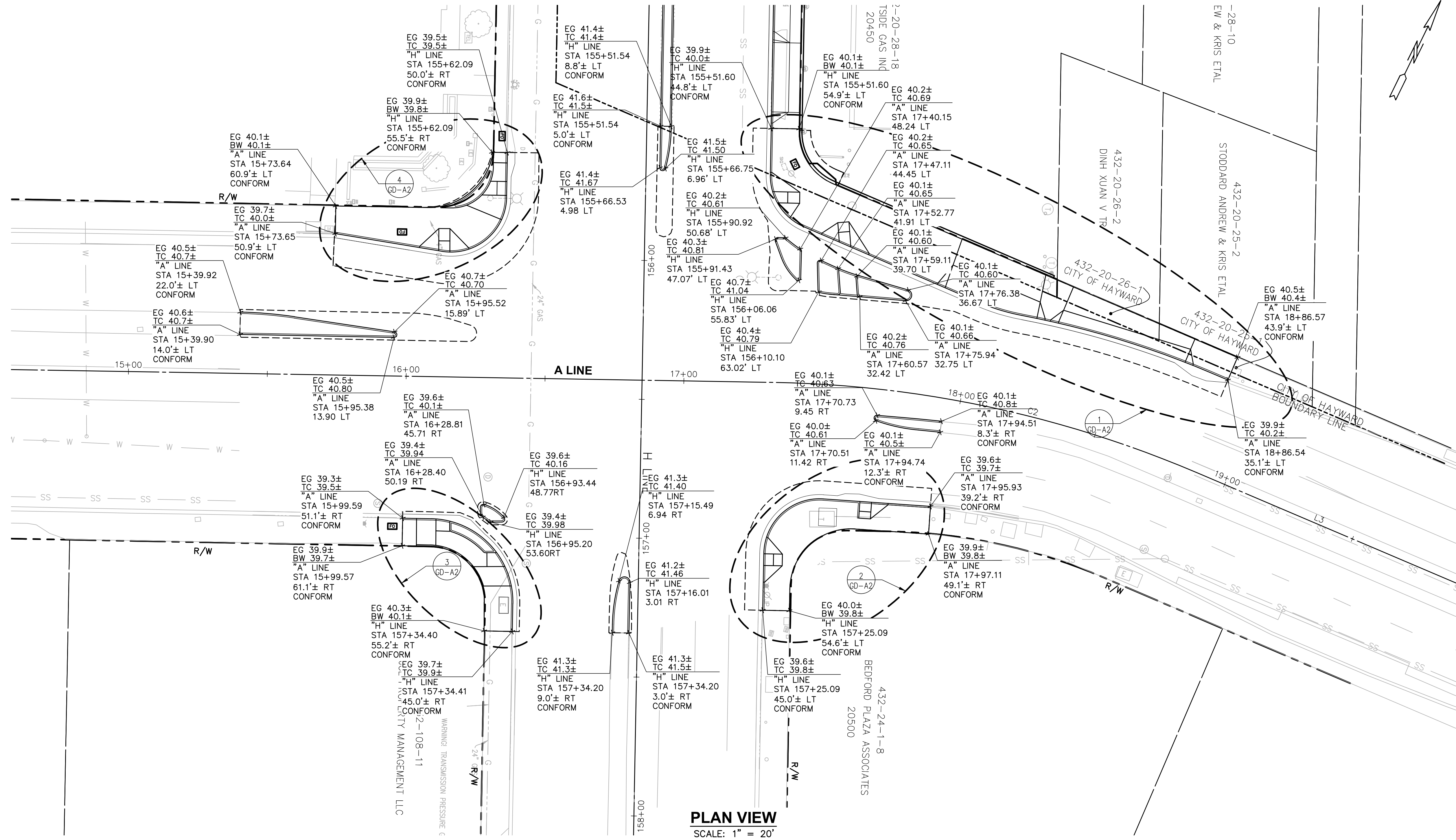
DESIGNED BY	APPROVED BY
DESIGNED BY	APPROVED BY

CITY OF HAYWARD PUBLIC WORKS
HESPERIAN BOULEVARD
CORRIDOR IMPROVEMENT PROJECT
FROM EMBERS WAY TO WEST A STREET
DEMOLITION PLAN WEST A

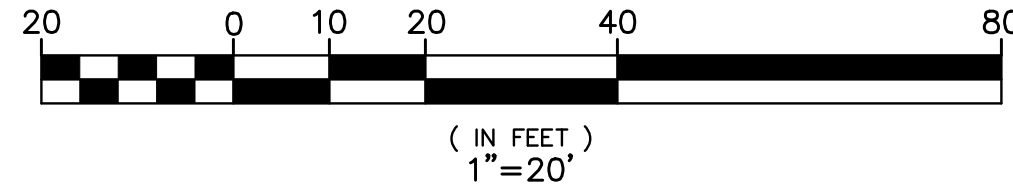
DATE	SCALE
SEP. 2019	AS SHOWN
WORK ORDER NO.	
R32095	
SPECIFICATION NO.	
2385	
SHEET NO.	
3 OF 14	
FILE NO.	
U-84-19	

REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
CONSTRUCTION		SURVEY	
MAINTENANCE		TRAFFIC	
REAL ESTATE		ENVIRONMENTAL	

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PLAN VIEW
SCALE: 1" = 20'



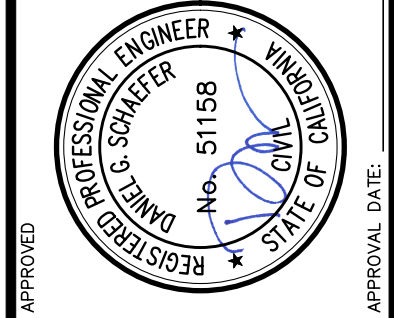
GRADING NOTES

- PROTECT ALL EXISTING TREES, FENCES, AND UNDERGROUND UTILITIES (STORM DRAIN, SANITARY SEWER, WATER, GAS, ELECTRIC) UNLESS OTHERWISE NOTED ON THE PLAN.
- AT ALL SIDEWALK SAWCUTS, CUT AT THE NEAREST SCOREMARK WHICH WILL PROVIDE ENOUGH AREA FOR CONSTRUCTION. SEE LAYOUT PLANS FOR LIMITS. SAWCUT LINES ARE APPROXIMATE.
- EXCAVATE TO REQUIRED DEPTH FOR NEW ASPHALT OR CONCRETE SECTION. ENSURE ALL CONCRETE, ASPHALT, AND BASE MATERIALS ARE REMOVED FROM NEW LANDSCAPE AREAS.
- NOT USED.
- ALL EXISTING ELECTRICAL, TELEPHONE, CABLE, FACILITIES, WATER METERS, GAS VALVES, SANITARY SEWER STRUCTURES, AND STORM DRAIN STRUCTURES WITHIN THE LIMIT OF WORK ARE TO REMAIN AND TO BE ADJUSTED TO NEW FINISHED GRADE UNLESS OTHERWISE NOTED ON THE PLAN.
- NOT USED.
- REFER TO DW-1 AND DW-2 FOR TYPICAL DRIVEWAY DEPRESSION AND RAMP DETAILS. SEE GRADING DETAILS FOR ADDITIONAL GRADING INFORMATION.
- ADJUST ALL EXISTING MONUMENTS WITHIN LIMIT OF WORK TO NEW FINISHED GRADE UNLESS OTHERWISE NOTED ON THE PLAN. (SEE SHEET HZ-17 FOR MONUMENT INFO)

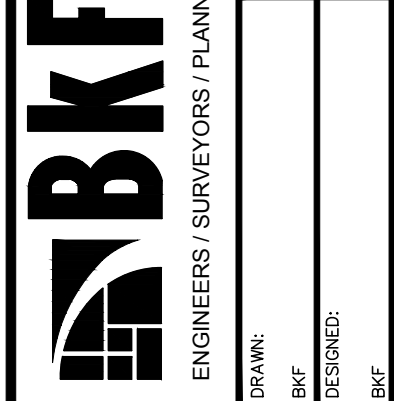
LEGEND

- LIMIT OF WORK/CONFORM LIMIT
- EG 00.0±
BW 00.00
N: 00.00,
E: 00.00
- PROPOSED ELEVATION

NO.	DESCRIPTION	BY	DATE	APPV'D



1648 N CALIFORNIA BLVD
SUITE 400
SAN JOSE, CA 95131
925.440.2288 (TEL)
925.940.2200 (TEL)



DESIGNED:	DESIGNED:
DRAWN:	DRAWN:
CHECKED:	CHECKED:
APPROVED:	APPROVED:
APPROVED:	APPROVED:

CITY OF HAYWARD PUBLIC WORKS
HESPERIAN BOULEVARD
CORRIDOR IMPROVEMENT PROJECT
FROM EMBERS WAY TO WEST A STREET
GRADING PLAN WEST A

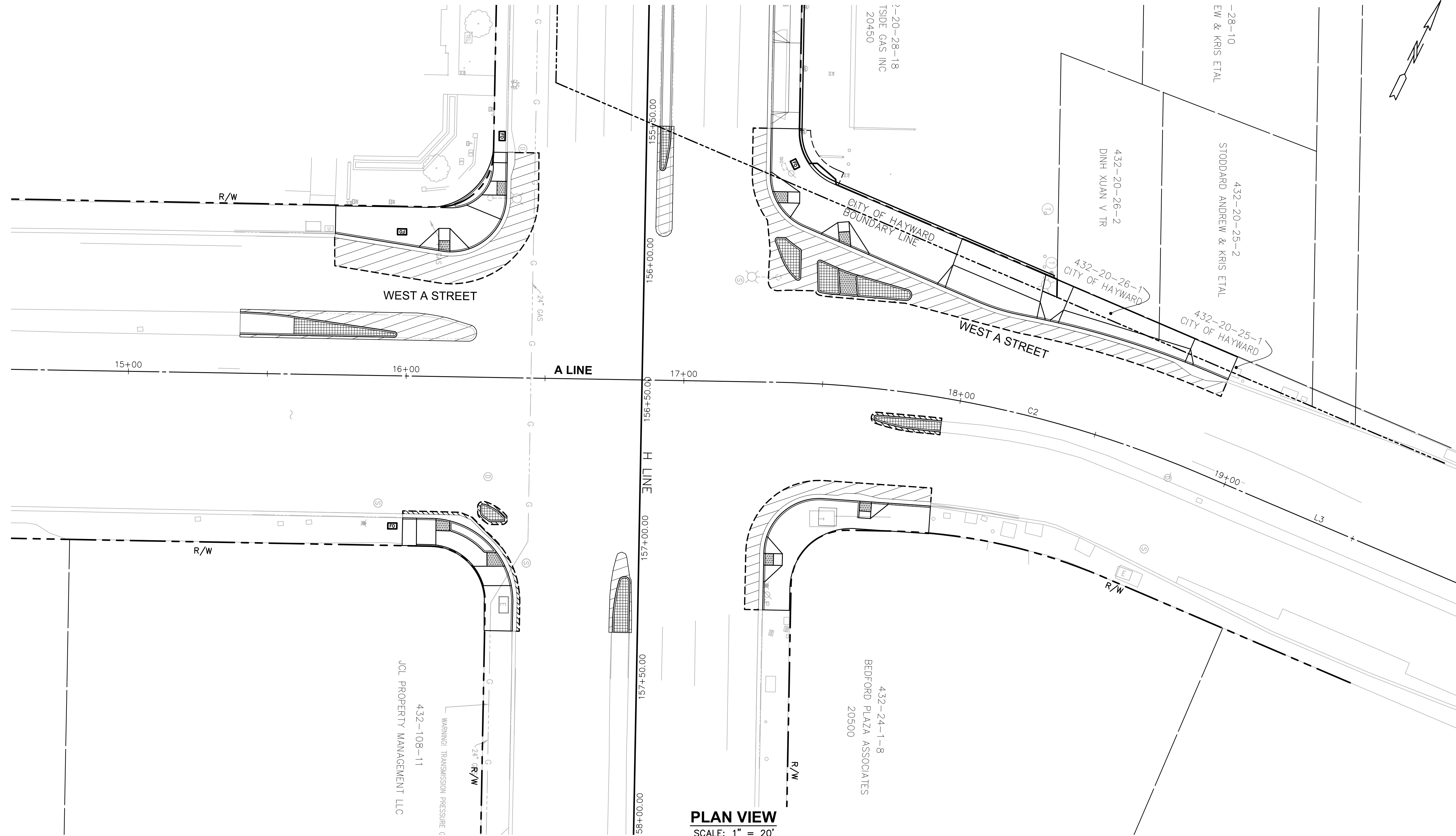
APPROVAL GRANTED
Kathy Chan
ELECTRONIC APPROVAL
Feb 27, 2020
CITY OF HAYWARD - ASSISTANT CITY ENGINEER

DATE	SCALE
SEP. 2019	AS SHOWN
WORK ORDER NO.	R32095
SPECIFICATION NO.	2385
SHEET NO.	5 OF 14
FILE NO.	U-84-19

SHEET REF. NO. **GD-A1**

CONSTRUCTION	REVIEWED BY:	DATE:
MAINTENANCE	SURVEY	
REAL ESTATE	TRAFFIC	
	ENVIRONMENTAL	

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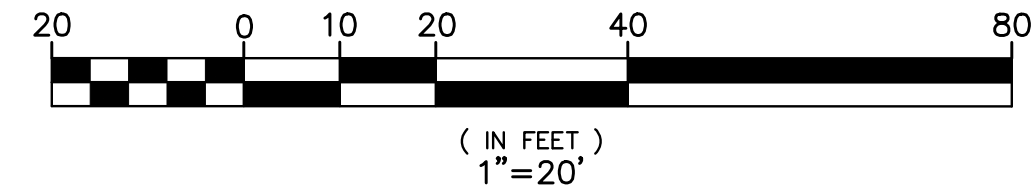
PAVING LEGEND

	AC PLUG, SEE DETAIL 1 SHEET PV-17
	FULL DEPTH HMA PAVEMENT, SEE DETAIL 3 SHEET PV-17
	ENHANCED CIP CONCRETE PAVING (TYPE D), SEE DETAIL 4 SHEET PV-18 AND LL PLANS
	DETECTABLE WARNING SURFACE, SEE CALTRANS STD DETAIL A88A AND A88B
	SAWCUT LINE

PLAN VIEW
SCALE: 1" = 20'

PAVING NOTES

- ALL CURB, CURB AND GUTTER, AND CURB RAMPS, SHALL BE CONCRETE PAVING - STANDARD, UON ON PLANS.
- SEE HZ-A1 FOR HORIZONTAL CONTROL INFORMATION.



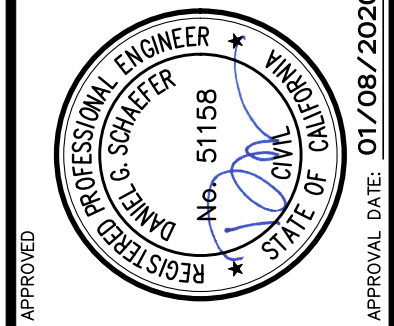
APPROVAL GRANTED
Kathy Chan
ELECTRONIC APPROVAL
Jan 08, 2020
CITY OF HAYWARD - ASSISTANT CITY ENGINEER

SHEET REF. NO.
PV-A1

FOR REDUCED ENGLISH PLANS
ORIGINAL SCALE IS IN INCHES

REVISIONS

NO.	DESCRIPTION	BY	DATE	APPV'D



APPROVED: [Signature]
DATE: 01/08/2020
DSS

BKF
1648 N CALIFORNIA BLVD
SUITE 400
SAN BRUNO, CA 94067
TEL: 925-440-2288 (TEL)
925-940-2200 (TEL)

ENGINEERS / SURVEYORS / PLANNERS

DESIGNED: BKF
CHECKED: BKF
APPROVED: BKF

REVIEWED:	APPROVAL RECOMMENDED:
REVIEWED:	APPROVAL RECOMMENDED:

CITY OF HAYWARD PUBLIC WORKS
HESPERIAN BOULEVARD
CORRIDOR IMPROVEMENT PROJECT
FROM EMBERS WAY TO WEST A STREET
PAVING PLAN WEST A

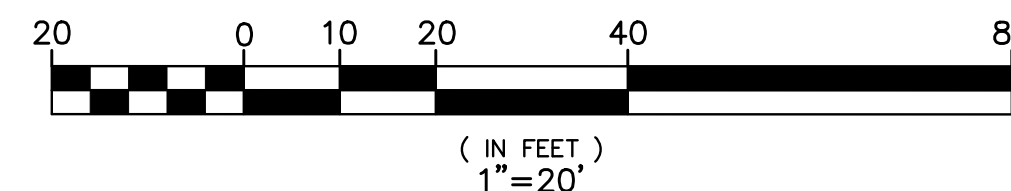
DATE	SCALE
SEP. 2019	AS SHOWN
WORK ORDER NO.	R32095
SPECIFICATION NO.	2385
SHEET NO.	7 OF 14
FILE NO.	U-84-19

CONSTRUCTION	REVIEWED BY:	DATE:
MAINTENANCE	SURVEY	
REAL ESTATE	TRAFFIC	
	ENVIRONMENTAL	

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PLAN VIEW
SCALE: 1" = 20'

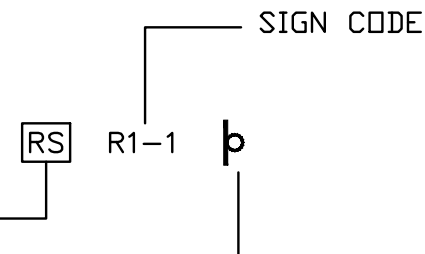


SIGNING AND STRIPING NOTES

- ALL ROAD SIGNS SHALL BE IN CONFORMANCE WITH LATEST CALIFORNIA MUTCD (2014 Edition).
- FOR STREET NAME SIGNS AND LOCATIONS, SEE TRAFFIC SIGNAL MODIFICATIONS PLANS (SHEET TS-XX).
- SEE SHEET SG-17 FOR SIGNING AND STRIPING ABBREVIATIONS, SYMBOLS, AND CODE LEGENDS.

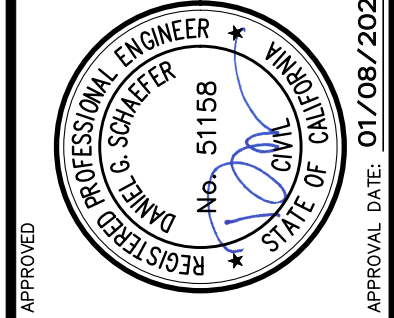
SIGNING LEGEND

- IS = INSTALL ILLUMINATED STREET NAME SIGN, SEE TRAFFIC SIGNAL SHEETS
- NB = INSTALL NEW SIGN ON BARRICADE
- NL = INSTALL NEW SIGN ON STREET LIGHT STANDARD (TYPE 15)
- NM = INSTALL NEW SIGN ON SIGNAL MAST ARM
- NP = INSTALL NEW SIGN AND NEW POST
- Np = INSTALL NEW SIGN ON EXISTING POST
- NS = INSTALL NEW SIGN ON SIGNAL STANDARD
- RER = EX SIGN AND POST TO REMAIN
- RL = RELOCATE AND REUSE EX SIGN AND POST
- RS = REMOVE AND SALVAGE EX SIGN AND POST
- NEW OVERHEAD SIGN
- EXISTING SIGN AND EXISTING POST
- NEW SIGN AND NEW POST
- EXISTING SIGN AND EXISTING BARRICADE
- NEW SIGN AND NEW BARRICADE
- EXISTING DELINEATOR AND POST



APPROVAL GRANTED
Kathy Chan
ELECTRONIC APPROVAL
Jan 08, 2020
CITY OF HAYWARD - ASSISTANT CITY ENGINEER

NO.	DESCRIPTION	BY	DATE	APPV'D



BKF
ENGINEERS / SURVEYORS / PLANNERS
1648 N CALIFORNIA BLVD
SUITE 400
SAN BERNARDINO, CA 92410
951-840-2288 (TEL)
951-840-2200 (FAX)

APPROVED: [Signature] DATE: 01/08/2020

REVIEWED:	DESIGNED:
APPROVAL RECOMMENDED:	DESIGNED:
APPROVAL RECOMMENDED:	DESIGNED:

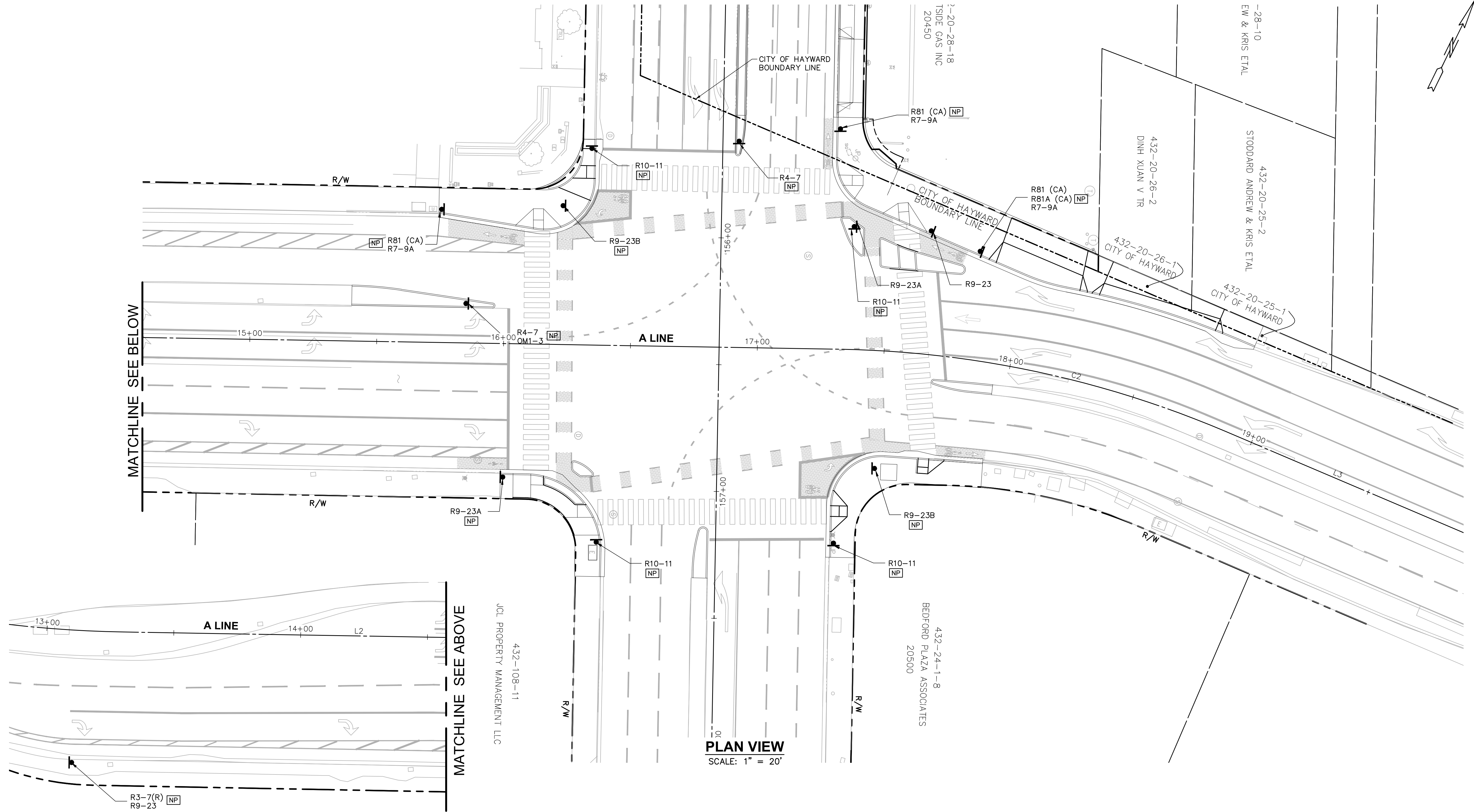
CITY OF HAYWARD PUBLIC WORKS
HESPERIAN BOULEVARD
CORRIDOR IMPROVEMENT PROJECT
FROM EMBERS WAY TO WEST A STREET
SIGNING REMOVAL PLAN WEST A

DATE	SCALE
SEP. 2019	AS SHOWN
WORK ORDER NO.	R32095
SPECIFICATION NO.	2385
SHEET NO.	8 OF 14
FILE NO.	U-84-19

SHEET REF. NO. **SR-A1**

REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
CONSTRUCTION		SURVEY	
MAINTENANCE		TRAFFIC	
REAL ESTATE		ENVIRONMENTAL	

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PLAN VIEW
SCALE: 1" = 20'

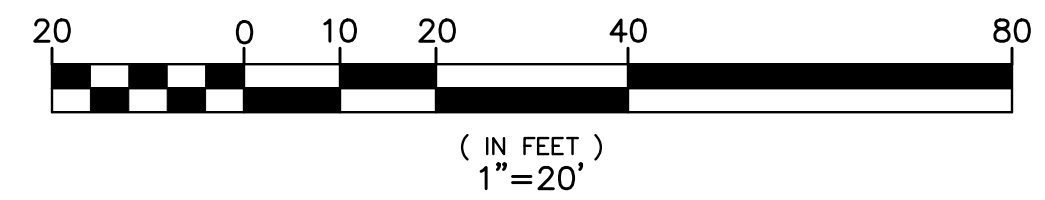
SIGNING AND STRIPING NOTES

- ALL MARKINGS SHALL BE IN CONFORMANCE WITH LATEST CALTRANS STANDARD PLANS (2018 Edition).
- ALL STRIPING SHALL BE THERMOPLASTIC.
- ALL ROAD SIGNS SHALL BE IN CONFORMANCE WITH LATEST CALIFORNIA MUTCD (2014 Edition).
- FOR STREET NAME SIGNS AND LOCATIONS, SEE TRAFFIC SIGNAL MODIFICATIONS PLANS (SHEET TS-XX).
- SEE SHEET SG-17 FOR SIGNING AND STRIPING ABBREVIATIONS, SYMBOLS, AND CODE LEGENDS.

SIGNING LEGEND

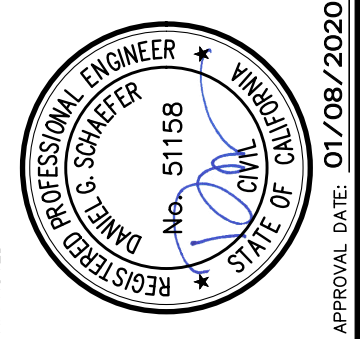
- IIS = INSTALL ILLUMINATED STREET NAME SIGN, SEE TRAFFIC SIGNAL SHEETS
 - NB = INSTALL NEW SIGN ON BARRICADE
 - NL = INSTALL NEW SIGN ON STREET LIGHT STANDARD (TYPE 15)
 - NM = INSTALL NEW SIGN ON SIGNAL MAST ARM
 - NP = INSTALL NEW ROADSIDE SIGN WITH NEW POST AND FOUNDATION
 - Np = INSTALL NEW SIGN ON EXISTING POST
 - NS = INSTALL NEW SIGN ON SIGNAL STANDARD
 - RE = EX SIGN AND POST TO REMAIN
 - RL = RELOCATE AND REUSE EX SIGN AND POST
 - RS = REMOVE AND SALVAGE EX SIGN AND POST
- NEW OVERHEAD SIGN
EXISTING SIGN AND EXISTING POST
NEW SIGN AND NEW POST
EXISTING SIGN AND EXISTING BARRICADE
NEW SIGN AND NEW BARRICADE
EXISTING DELINEATOR AND POST
- SIGN CODE
-

APPROVAL GRANTED
Kathy Shaver
ELECTRONIC APPROVAL
Jan 08, 2020
CITY OF HAYWARD - ASSISTANT CITY ENGINEER



SHEET REF. NO.
SG-A1

NO.	DESCRIPTION	BY	DATE	APPROVAL



APPROVED: [Signature]
DATE: 01/08/2020

BKF
ENGINEERS / SURVEYORS / PLANNERS
1648 N CALIFORNIA BLVD
SUITE 400
SAN BERNARDINO, CA 92410
951-840-2280 (TEL)
951-840-2280 (TEL)

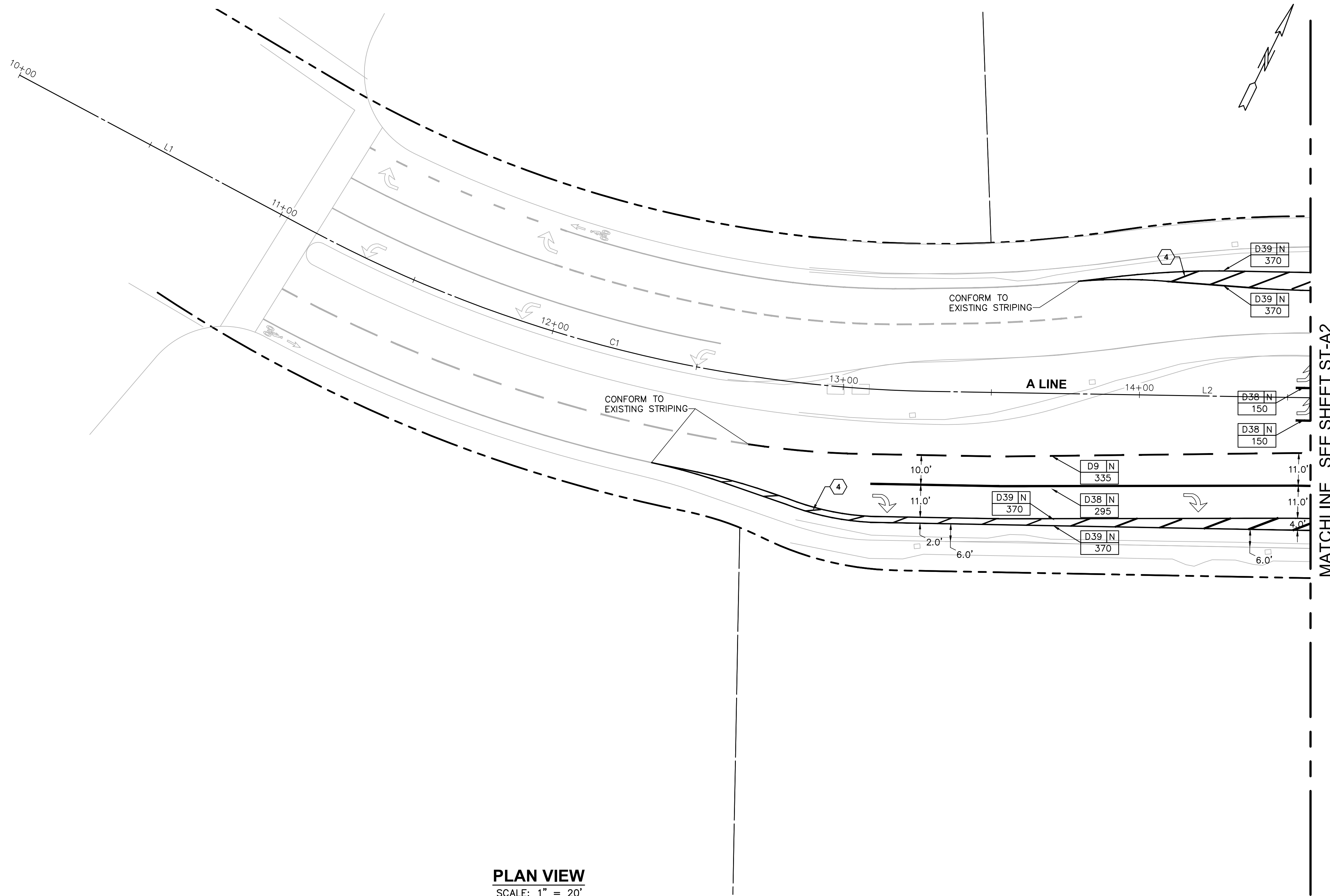
CITY OF HAYWARD PUBLIC WORKS
HESPERIAN BOULEVARD
CORRIDOR IMPROVEMENT PROJECT
FROM EMBERS WAY TO WEST A STREET
SIGNING PLAN WEST A

DATE	SCALE
SEP. 2019	AS SHOWN
WORK ORDER NO.	R32095
SPECIFICATION NO.	2385
SHEET NO.	9 OF 14
FILE NO.	U-84-19



CONSTRUCTION	REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
MAINTENANCE	SURVEY		TRAFFIC	
REAL ESTATE	ENVIRONMENTAL			

\\BKF-WC\vol4\2016\165001-Alameda-County\ENG\STREETSCAPE\SHEETS\000-Stripe-Pin_W_A_St.dwg 12-23-19 06:17:36 PM croa



MATCHLINE SEE SHEET ST-A2

PLAN VIEW
SCALE: 1" = 20'

GENERAL STRIPING NOTES

- ALL MARKINGS SHALL BE IN CONFORMANCE WITH LATEST CALTRANS STANDARD PLANS (2018).
- ALL STRIPING SHALL BE THERMOPLASTIC.
- SEE SHEET SG-17 FOR SIGNING AND STRIPING ABBREVIATIONS, SYMBOLS, AND CODE LEGENDS.
- ALL MARKINGS AND TRAFFIC LINES SHALL BE IN CONFORMANCE WITH THE LATEST CA MUTCD.
- EXISTING STRIPING TO BE REMOVED TO LIMITS OF PROPOSED STRIPING.

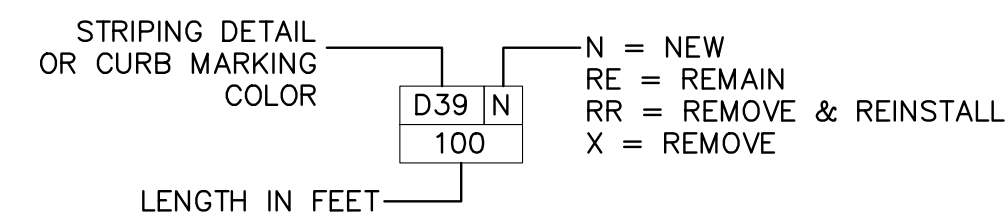
CONSTRUCTION STRIPING NOTES

- INSTALL BIKE LANE SYMBOL AND ARROW ON GREEN-COLOR PAVEMENT MARKING, SEE DETAIL 1 SHT ST-16.
- INSTALL GREEN-COLOR PAVEMENT MARKING, SEE DETAIL 1 SHT ST-16.
- INSTALL BIKE LOOP DETECTOR SYMBOL ON GREEN-COLOR PAVEMENT MARKING, SEE DETAIL 1 SHT ST-16.
- INSTALL 4-INCH WHITE LINE ANGLED AT 45 DEGREE AND STRIPED AT INTERVAL OF 15 FEET.
- INSTALL TWO-STAGE BICYCLE TURN BOXES PER MUTCD INTERIM APPROVAL (IA-20)

ABBREVIATIONS

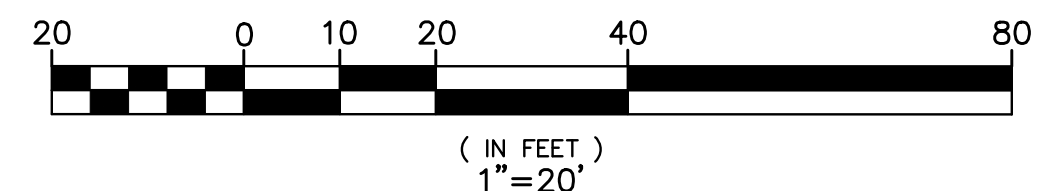
- | | |
|------|-------------------------------|
| EB | EASTBOUND |
| GRN | GREEN |
| LL | LIMIT LINE |
| NB | NORTHBOUND |
| SB | SOUTHBOUND |
| WB | WESTBOUND |
| CCW | CONTINENTAL CROSS WALK |
| YCCW | YELLOW CONTINENTAL CROSS WALK |
| YCW | YELLOW CROSS WALK |
| WCW | WHITE CROSS WALK |
| 4"BL | 4-INCH BLUE LINE |
| 4"WL | 4-INCH WHITE LINE |

STRIPING AND CURB MARKING LEGEND



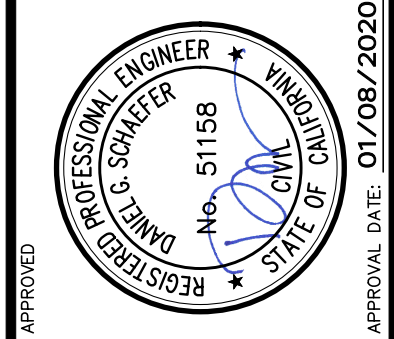
PAVEMENT MARKING LEGEND

- BICYCLE LOOP DETECTOR, BIKE LANE SYMBOL, AND 6FT TYPE I ARROW PER CALTRANS REVISED STD PLAN A24A/C/D
- INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) MARKING PER CALTRANS STD PLAN, A24C
- PAVEMENT MARKING WORD 'AHEAD', 'BIKE', 'MERGE', 'KEEP', 'CLEAR', 'SLOW', 'STOP', 'XING' PER CALTRANS STD PLAN A24D/E
- GREEN BLOCK BIKE LANE ZONE. SEE DETAIL 2 SHT ST-16
- 10 FT TYPE I ARROW. PER CALTRANS STD PLAN A24A
- 8 FT TYPE IV TURN ARROW (LEFT AND RIGHT) PER CALTRANS STD PLAN A24A
- 24 FT TYPE VI ARROW (LEFT AND RIGHT) PER CALTRANS STD PLAN A24B
- 24 FT TYPE III ARROW (LEFT AND RIGHT) PER CALTRANS STD PLAN A24B



APPROVAL GRANTED
Kathy Clavin
ELECTRONIC APPROVAL
Jan 08, 2020
CITY OF HAYWARD - ASSISTANT CITY ENGINEER

NO.	DESCRIPTION	BY	DATE	APPV'D



1648 N CALIFORNIA BLVD
SUITE 400
OAKLAND, CA 94612
925-940-2200 (TEL)
925-940-2200 (FAX)

BKF
ENGINEERS / SURVEYORS / PLANNERS

APPROVED: BKF
DESIGNED: BKF

CITY OF HAYWARD PUBLIC WORKS

**HESPERIAN BOULEVARD
CORRIDOR IMPROVEMENT PROJECT
FROM EMBERS WAY TO WEST A STREET
STRIPING PLAN WEST A**

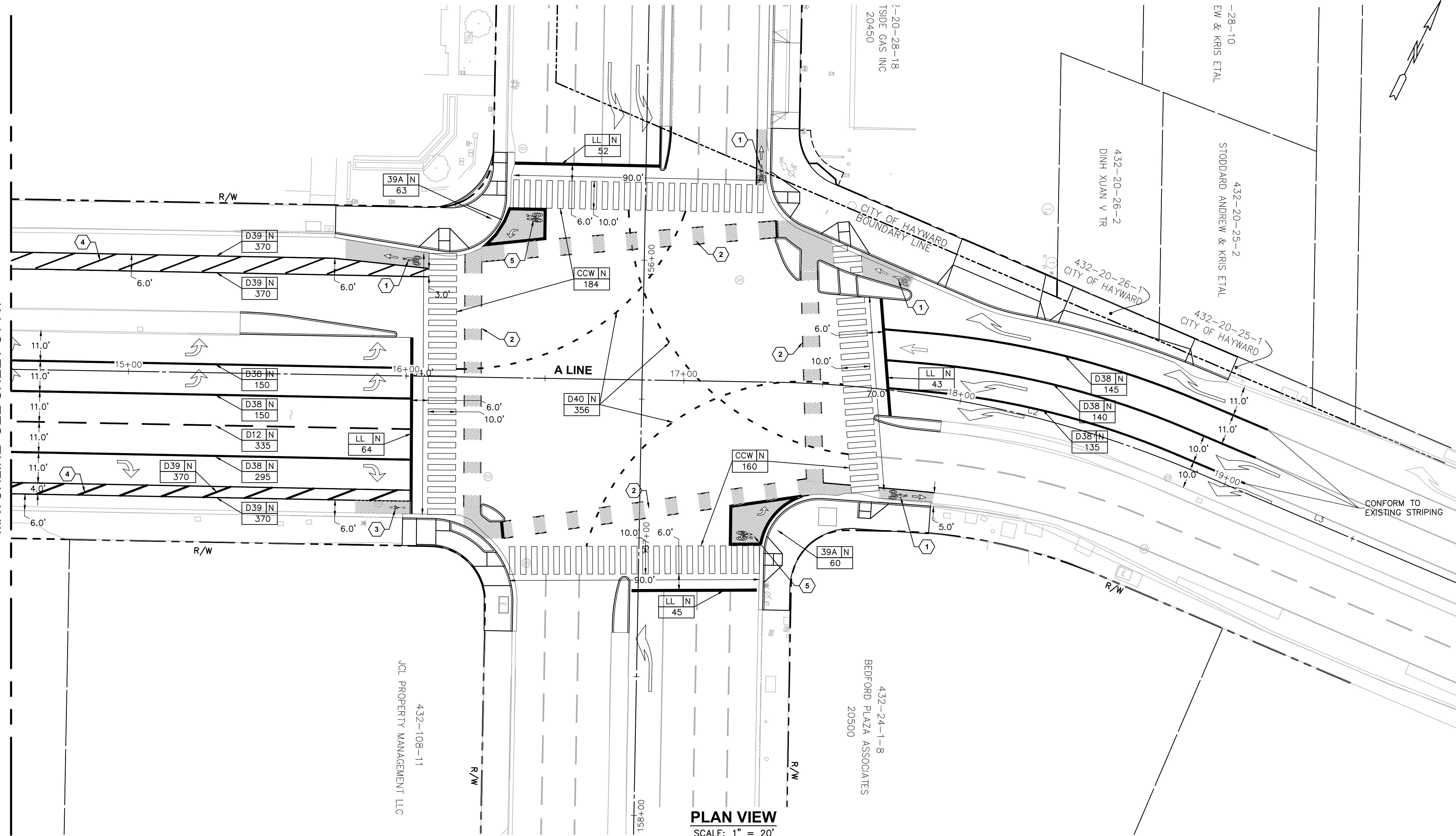
DATE	SCALE
SEP. 2019	AS SHOWN
WORK ORDER NO.	R32095
SPECIFICATION NO.	2385
SHEET NO.	10 OF 14
FILE NO.	U-84-19

SHEET REF. NO. **ST-A1**

REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
CONSTRUCTION		SURVEY	
MAINTENANCE		TRAFFIC	
REAL ESTATE		ENVIRONMENTAL	

\\BKF-wc\vol4\2016\165001\Alameda-County\ENG\STREETSCAPE\SHEETS\000-Stripe-Pin_W_A_St.dwg 12-23-19 06:17:41 PM crod

MATCHLINE SEE SHEET ST-A1



PLAN VIEW
SCALE: 1" = 20'

GENERAL STRIPING NOTES

- ALL MARKINGS SHALL BE IN CONFORMANCE WITH LATEST CALTRANS STANDARD PLANS (2018).
- ALL STRIPING SHALL BE THERMOPLASTIC.
- SEE SHEET SG-17 FOR SIGNING AND STRIPING ABBREVIATIONS, SYMBOLS, AND CODE LEGENDS.
- ALL MARKINGS AND TRAFFIC LINES SHALL BE IN CONFORMANCE WITH THE LATEST CA MUTCD.
- EXISTING STRIPING TO BE REMOVED TO LIMITS OF PROPOSED STRIPING.

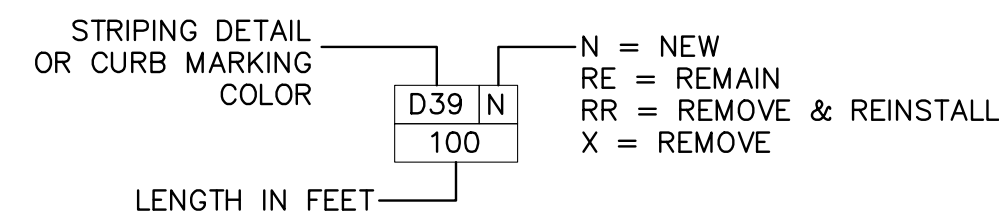
CONSTRUCTION STRIPING NOTES

- INSTALL BIKE LANE SYMBOL AND ARROW ON GREEN-COLOR PAVEMENT MARKING, SEE DETAIL 1 SHT ST-16.
- INSTALL GREEN-COLOR PAVEMENT MARKING, SEE DETAIL 1 SHT ST-16.
- INSTALL BIKE LOOP DETECTOR SYMBOL ON GREEN-COLOR PAVEMENT MARKING, SEE DETAIL 1 SHT ST-16.
- INSTALL 4-INCH WHITE LINE ANGLED AT 45 DEGREE AND STRIPED AT INTERVAL OF 15 FEET.
- INSTALL TWO-STAGE BICYCLE TURN BOXES PER MUTCD INTERIM APPROVAL (IA-20)

ABBREVIATIONS

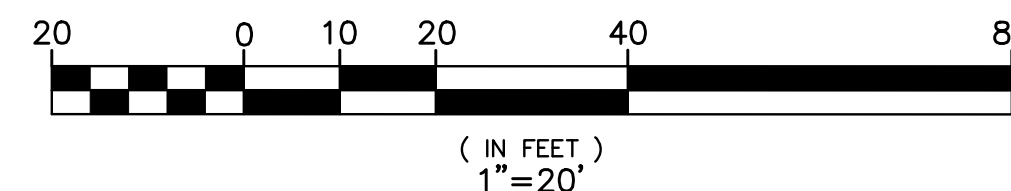
EB	EASTBOUND
GRN	GREEN
LL	LIMIT LINE
NB	NORTHBOUND
SB	SOUTHBOUND
WB	WESTBOUND
CCW	CONTINENTAL CROSS WALK
YCCW	YELLOW CONTINENTAL CROSS WALK
YCW	YELLOW CROSS WALK
WCW	WHITE CROSS WALK
4"BL	4-INCH BLUE LINE
4"WL	4-INCH WHITE LINE

STRIPING AND CURB MARKING LEGEND



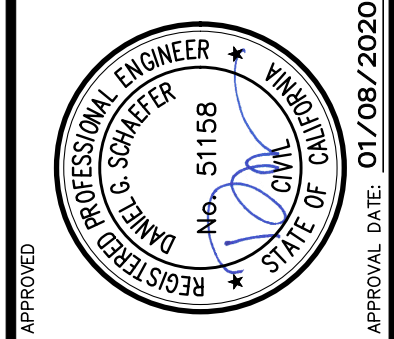
PAVEMENT MARKING LEGEND

- BICYCLE LOOP DETECTOR, BIKE LANE SYMBOL, AND 6FT TYPE I ARROW PER CALTRANS REVISED STD PLAN A24A/C/D
- INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) MARKING PER CALTRANS STD PLAN, A24C
- PAVEMENT MARKING WORD 'AHEAD', 'BIKE', 'MERGE', 'KEEP', 'CLEAR', 'SLOW', 'STOP', 'XING' PER CALTRANS STD PLAN A24D/E
- GREEN BLOCK BIKE LANE ZONE. SEE DETAIL 2 SHT ST-16
- 10 FT TYPE I ARROW. PER CALTRANS STD PLAN A24A
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- 24 FT TYPE VI ARROW (LEFT AND RIGHT) PER CALTRANS STD PLAN A24B
- 24 FT TYPE III ARROW (LEFT AND RIGHT) PER CALTRANS STD PLAN A24B



APPROVAL GRANTED
Kathy Clavin
ELECTRONIC APPROVAL
Jan 08, 2020
CITY OF HAYWARD - ASSISTANT CITY ENGINEER

REVISIONS	NO.	DESCRIPTION	BY	DATE	APP'D



BKF
ENGINEERS / SURVEYORS / PLANNERS
1648 N CALIFORNIA BLVD
SUITE 400
SAN BERNARDINO, CA 92407
925-840-2288 (TEL)
925-840-2200 (TEL)

DESIGNED: BKF	CHECKED: BKF
APPROVAL RECOMMENDED: BKF	APPROVAL RECOMMENDED: BKF

CITY OF HAYWARD PUBLIC WORKS
HESPERIAN BOULEVARD
CORRIDOR IMPROVEMENT PROJECT
FROM EMBERS WAY TO WEST A STREET
STRIPING PLAN WEST A

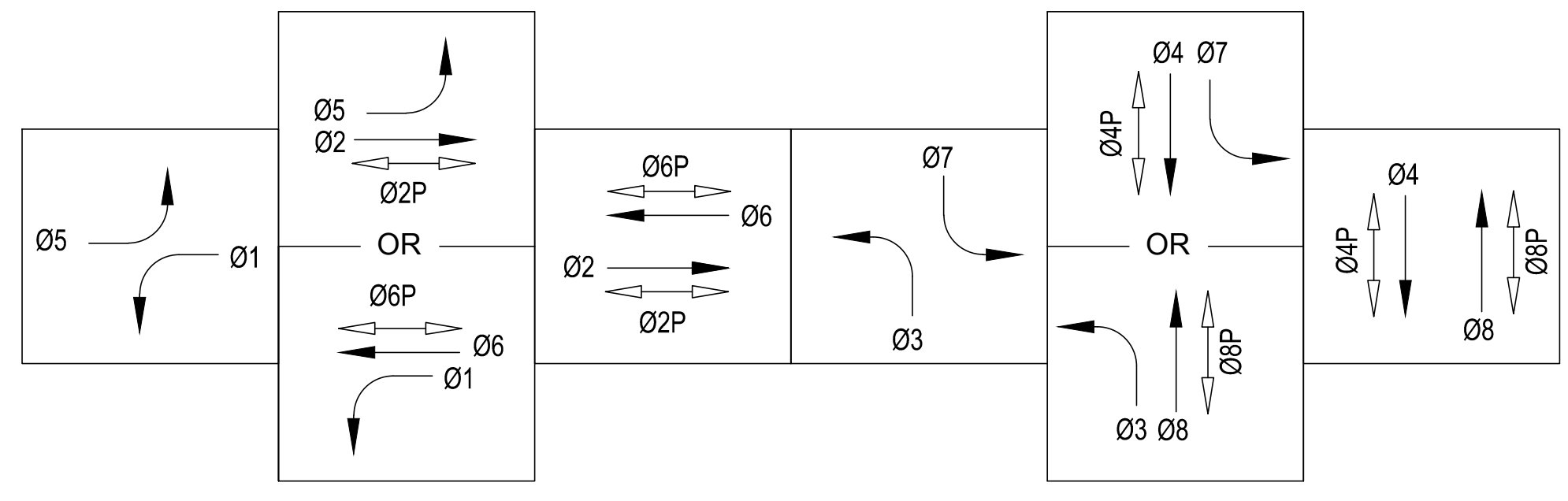
DATE: SEP. 2019	SCALE: AS SHOWN
WORK ORDER NO. R32095	SPECIFICATION NO. 2385
SHEET NO. 11 OF 14	FILE NO. U-84-19

SHEET REF. NO. **ST-A2**

PROJECT NOTES:

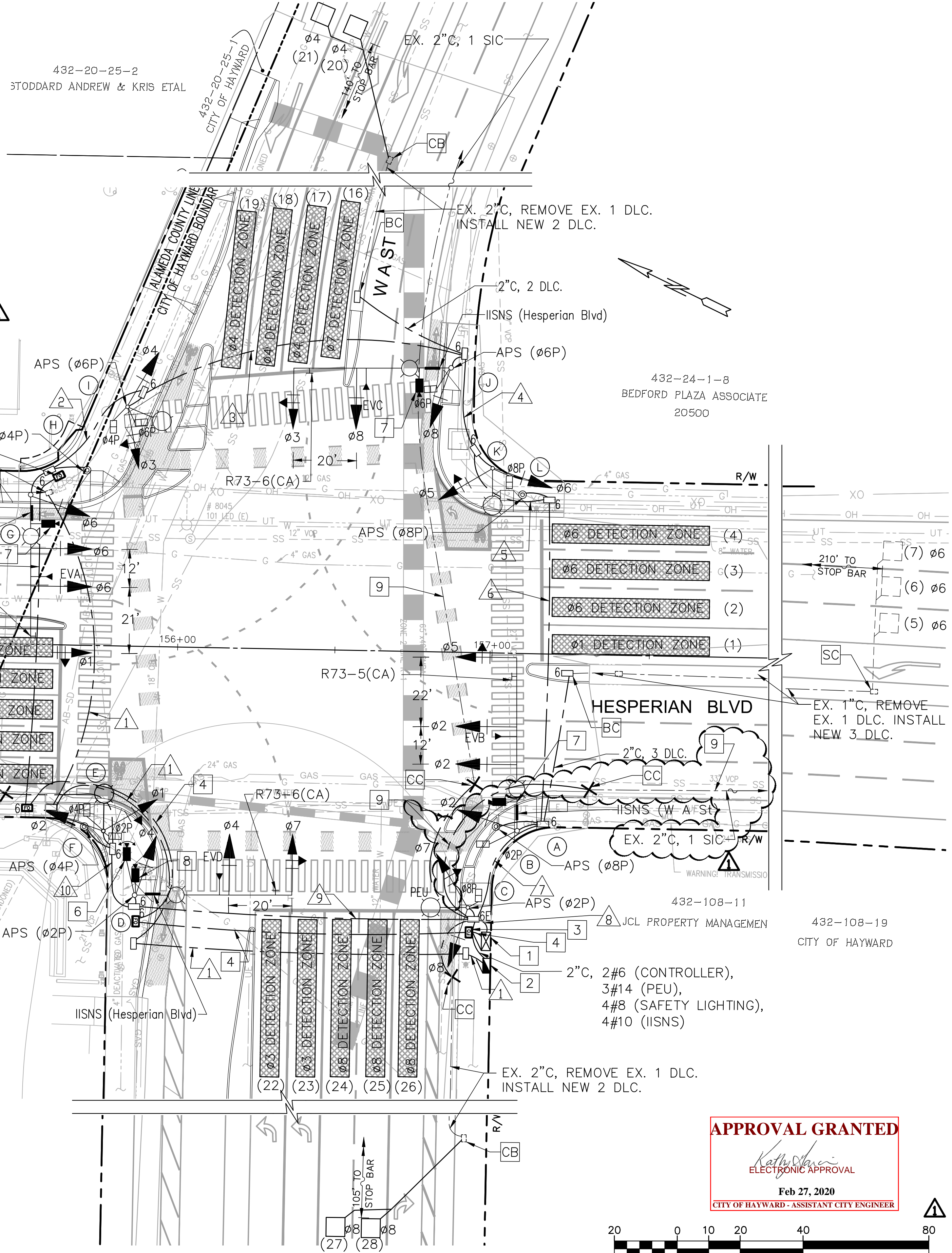
- FURNISH AND INSTALL NEMA TYPE P-44 TS-2 TYPE 1 CABINET, NATURAL ALUMINUM, WIRED FOR EVP WITH ECONOLITE 2070C ATC CONTROLLER (FRONT DOOR SHALL FACE NORTH.) WITH ASSOCIATED EQUIPMENT LISTED BELOW:
 - 1-COBALT C-SERIES SHELF MOUNT CONTROLLER, LATEST VERSION OF ASC/3/LX SOFTWARE, TS1 & TS2-2 SERIES
 - 1-SHELF
 - 1-DUAL FAN/SINGLE LIGHT ASSY
 - 1-DOCUMENT DRAWER
 - 1-16 POSITION LOADBAY
 - 1-32 CHANNEL DETECTOR PANELS
 - 2-2 CHANNEL DETECTOR RACKS
 - 1-TS2 POWER SUPPLY
 - 1-MODEL MMU2, TS-2 16-CHANNEL, LCD DISPLAY, EDI SMART M ONITOR W/ ETHERNET PORT & FLASHING YELLOW ARROW.
 - 4-BUS INTERFACE UNITS (BIU), EDI
 - 12-MODEL 200 LOADSWITCHES, SSS-86 I/O
 - 2-MODEL 204 FLASHER
 - 6-MODEL 430 FLASH TRANSFER RELAYS EVP, LOOP DET AND OTHER ITEMS NOT LISTED NOT INCLUDED.
 - EXTRA LARGE GRAPHICAL DISPLAY
 - 110 VAC, 60HZ, NO DATAKEY RECEPTACLE, SD MONORY SOCKET,
 - ATC COMMUNICATIONS CARD SLOT,
 - QUICK START GUIDE,
 - ECONOLITE P/N COBS1100110000
 - INSTALL RELOCATED BATTERY BACKUP FROM THE EXISTING CABINET.

- FURNISH AND INSTALL TYPE III-AF SERVICE CABINET.
- INSTALL N48 FIBER OPTIC READY PULL BOX.
- 2-3"C, 2 PULL TAPES.
- FROM THE EXISTING PULL BOX, CAREFULLY REMOVE THE EXISTING SIC CABLE FROM CONDUITS LEADING TO THE EXISTING CONTROLLER AT THIS INTERSECTION. AFTER COMPLETION OF NEW CONTROLLER CABINET, CONDUITS AND PULL BOXES INSTALLATION, RE-INSTALL SIC AS SHOWN ON THIS PLAN TO THE NEW CONTROLLER CABINET. IF EXISTING SIC IS DAMAGED, CONTRACTOR SHALL INSTALL A NEW SIC AT NO COST TO THE CITY. IF THE EXISTING SIC IS NOT LONG ENOUGH TO REACH THE NEW CONTROLLER CABINET, CONTRACTOR SHALL INSTALL ±100' NEW SIC AND SPLICE WITH THE EXISTING SIC AT THE CLOSEST POSSIBLE PULL BOX TO THE CONTROLLER CABINET.
- FURNISH AND INSTALL AXIS Q 6044 E OR APPROVED EQUAL CCTV CAMERA WITH PAN-TILT-ZOOM CONTROL PER CITY OF HAYWARD SPECIFICATIONS.
- FURNISH AND INSTALL LATEST ITERIS VIDEO DETECTION CAMERAS OR APPROVED EQUAL ON LUMINAIRE ARM.
- FURNISH AND INSTALL LATEST ITERIS VIDEO DETECTION CAMERAS OR APPROVED EQUAL ON TOP OF POLE.
- CONTRACTOR TO CAREFULLY REMOVE THE EXISTING SIC CABLE FROM CONDUITS LEADING TO THE EXISTING CONTROLLER AT THIS INTERSECTION THROUGH THE CONDUIT INTERCEPT LOCATION TO THE NEAREST EXISTING PULL BOX, AFTER COMPLETION OF NEW CONTROLLER CABINET, CONDUITS AND PULL BOXES INSTALLATION, RE-INSTALL SIC AS SHOWN ON THIS PLAN TO THE NEW CONTROLLER CABINET. IF EXISTING SIC IS DAMAGED, CONTRACTOR SHALL INSTALL A NEW SIC AT NO COST TO THE CITY. CONTRACTOR SHALL INSTALL A NEW SIC IF THE SIC IS NOT LONG ENOUGH.
- ALL PULL BOXES SHALL BE TYPE 5 UNLESS OTHERWISE NOTED.



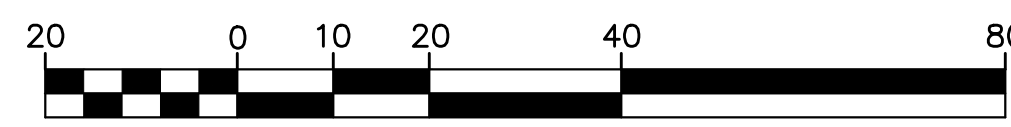
EXISTING PHASE TO REMAIN

- EVA = Ø1 + Ø6
- EVB = Ø5 + Ø2
- EVC = Ø3 + Ø8
- EVD = Ø7 + Ø4



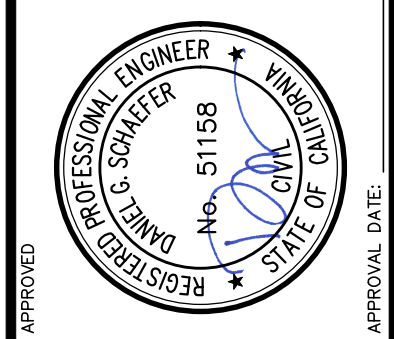
HESPERIAN BOULEVARD AND A STREET TRAFFIC SIGNAL PLAN

SCALE: 1" = 20'



APPROVAL GRANTED
Kathy Shaver
 ELECTRONIC APPROVAL
 Feb 27, 2020
 CITY OF HAYWARD - ASSISTANT CITY ENGINEER

NO.	DESCRIPTION	BY	DATE
REPLACE_SHT_13 - GENERAL REVISIONS			02/27/2020



BKF
 ENGINEERS / SURVEYORS / PLANNERS
 1648 N CALIFORNIA BLVD
 SUITE 400
 SAN JOSE, CA 94107
 (415) 228-2888
 (415) 940-2200 (TEL)

APPROVAL GRANTED	DESIGNED: BKF
APPROVAL GRANTED	DRAWN: BKF
APPROVAL GRANTED	CHECKED: BKF
APPROVAL GRANTED	APPROVED: BKF

CITY OF HAYWARD PUBLIC WORKS
 HESPERIAN BOULEVARD
 CORRIDOR IMPROVEMENT PROJECT
 FROM EMBERS WAY TO WEST A STREET
 TRAFFIC SIGNAL PLAN AT
 A STREET

DATE	SCALE
SEP. 2019	AS SHOWN
WORK ORDER NO.	R32095
SPECIFICATION NO.	2385
SHEET NO.	13 OF 14
FILE NO.	U-84-19

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FOR REDUCED ENGLISH PLANS ORIGINAL SCALE IS IN INCHES

