ABBREVIATIONS

AT&T	AMERICAN TELEPHONE AND TELEGRAPH
COS	CITY OF SELMA
(E)	EXISTING
ELEC	ELECTRICAL
FO	FIBER OPTICS
IRR	IRRIGATION
NATGAS	NATURAL GAS
OH	OVER HEAD
(P)	PROPOSED
PG&E	PACIFIC GAS AND ELECTRIC
SD	STORM DRAIN
SKFCSD	SELMA–KINGSBURG–FOWLER COUNTY SANITATION DISTRICT
STA	STATION
TELECOM	TELEPHONE COMMUNICATION
UG	UNDERGROUND

UTILITY NOTES:

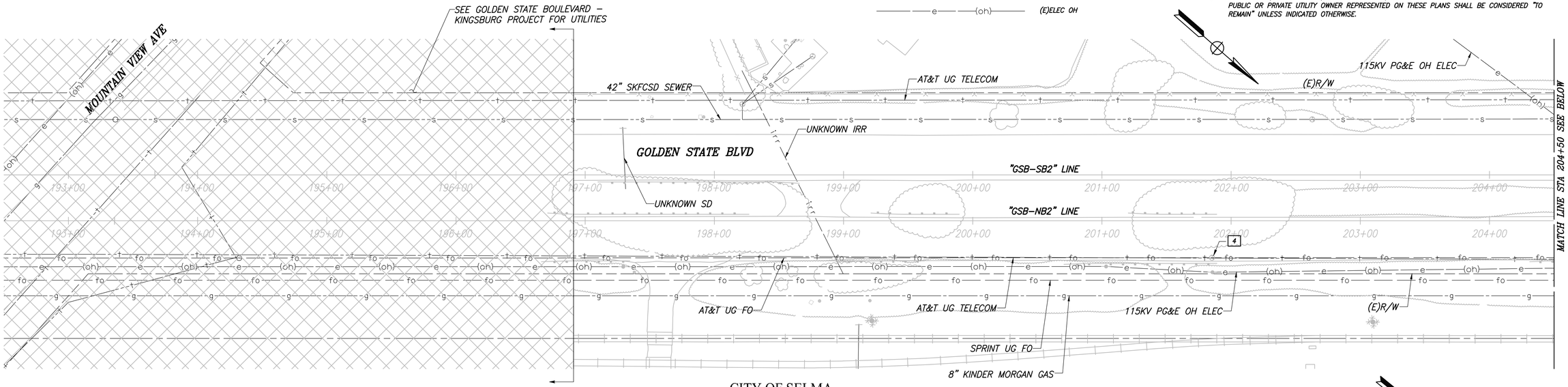
1. ADJUST (E) WATER VALVE TO GRADE
2. ADJUST (E) STORM DRAIN MH TO GRADE
3. ADJUST (E) SEWER MH TO GRADE
4. ADJUST (E) COMM MH TO GRADE

LEGEND

—e—	(E)ELEC UG
—g—	(E)GAS
—s—	(E)SEWER
—sd—	(E)SD
—w—	(E)WATER
—t—	(E)TELECOM UG
—fo—	(E)FIBER OPTIC UG
—irr—	(E)IRRIGATION
—jt—(oh)—	(E)JOINT OH
—t—(oh)—	(E)TELECOM OH
—e—(oh)—	(E)ELEC OH

NOTES

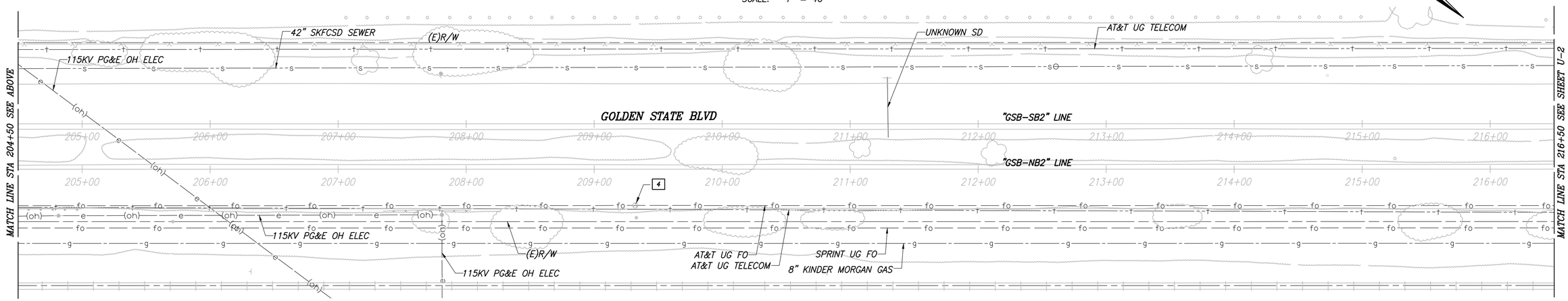
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE RESPECTIVE UTILITY COMPANIES 48 HOURS PRIOR TO WORKING AROUND ANY OF THEIR UNDERGROUND UTILITIES FOR VERIFICATION AT THE SITE OF ANY POSSIBLE CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
2. THE TYPES, LOCATIONS, SIZES, AND DEPTHS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. THE CITY OF SELMA AND ITS CONSULTANT, MARK THOMAS & COMPANY INC., CAN NOT ASSUME THE RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THE DELINEATION OF SUCH UTILITIES NOR THE EXISTENCE OF OTHER BURIED OBJECTS OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS.
3. FOR UTILITY CONTACT INFORMATION SEE SHEET G–1.
4. ALL UTILITY MANHOLE AND VAULT COVERS THAT REQUIRE ADJUSTMENT DUE TO CHANGES IN GRADE DURING CONSTRUCTION SHALL BE DONE IN COMPLIANCE OF THE CITY OF SELMA STANDARDS AND REQUIREMENTS.
5. ALL UTILITIES, UTILITY POLES, UTILITY MANHOLES, OR ANY OTHER FACILITIES ASSOCIATED WITH A PUBLIC OR PRIVATE UTILITY OWNER REPRESENTED ON THESE PLANS SHALL BE CONSIDERED "TO REMAIN" UNLESS INDICATED OTHERWISE.



CITY OF SELMA

GOLDEN STATE BLVD

SCALE: 1" = 40'



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DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DILLON ALAMEDA	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

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MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR G. NUREGA No. 71553 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

STAMP

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-1 SHEET NO. 79 TOTAL 154

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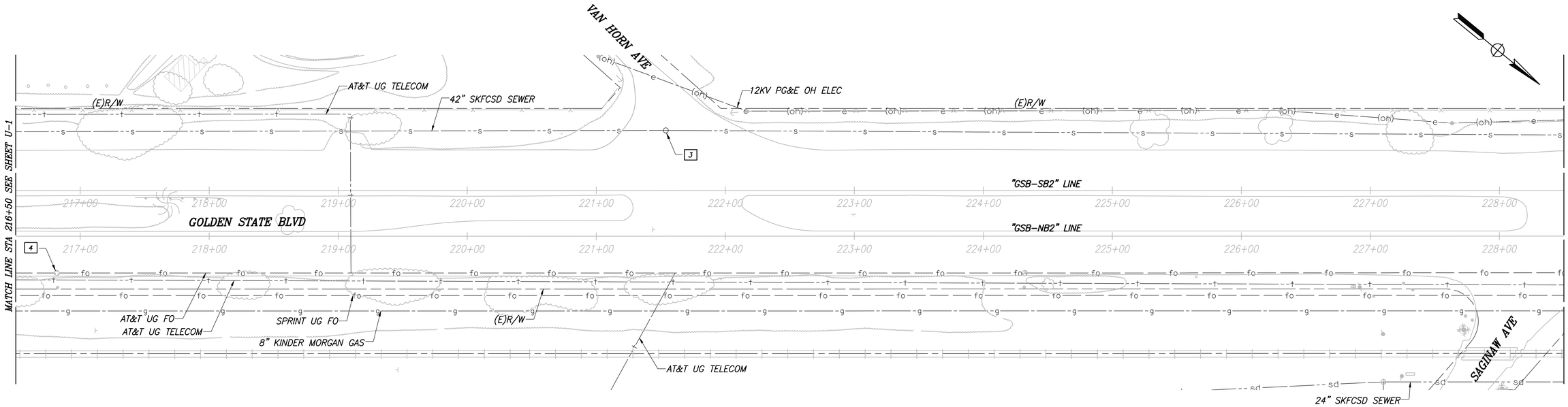

CITY OF SELMA

GOLDEN STATE BLVD

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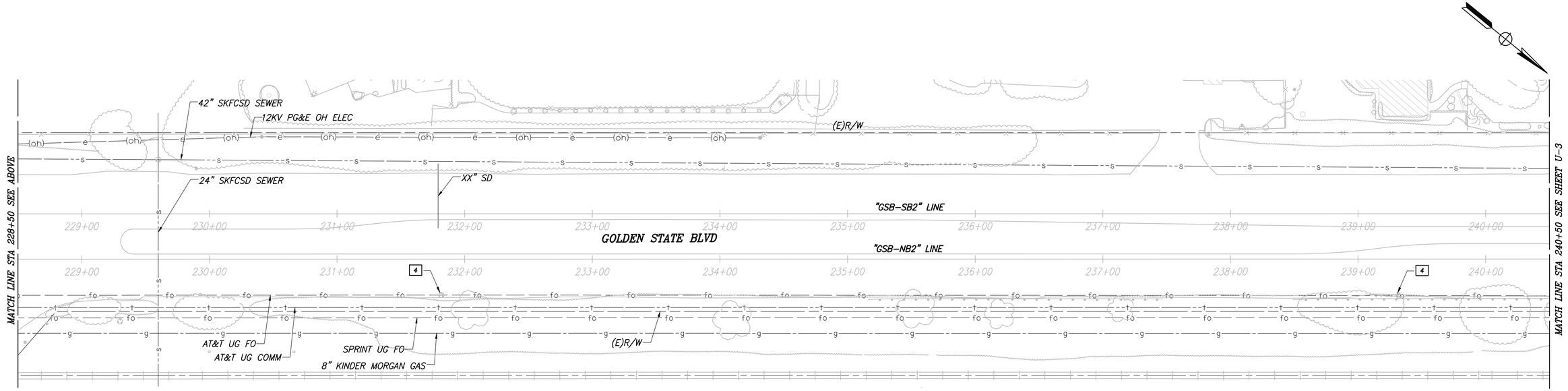

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

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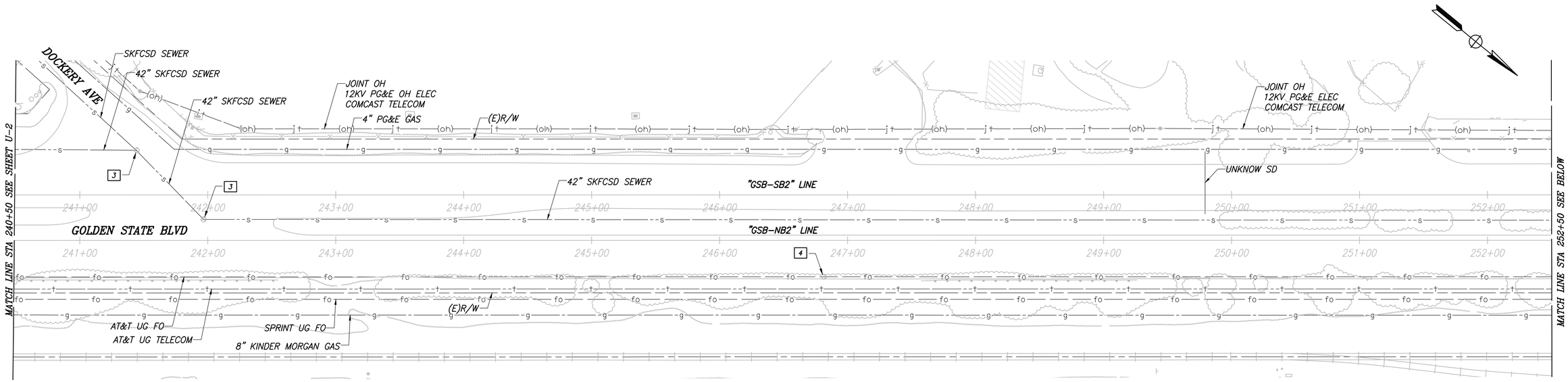

CITY OF SELMA

GOLDEN STATE BLVD

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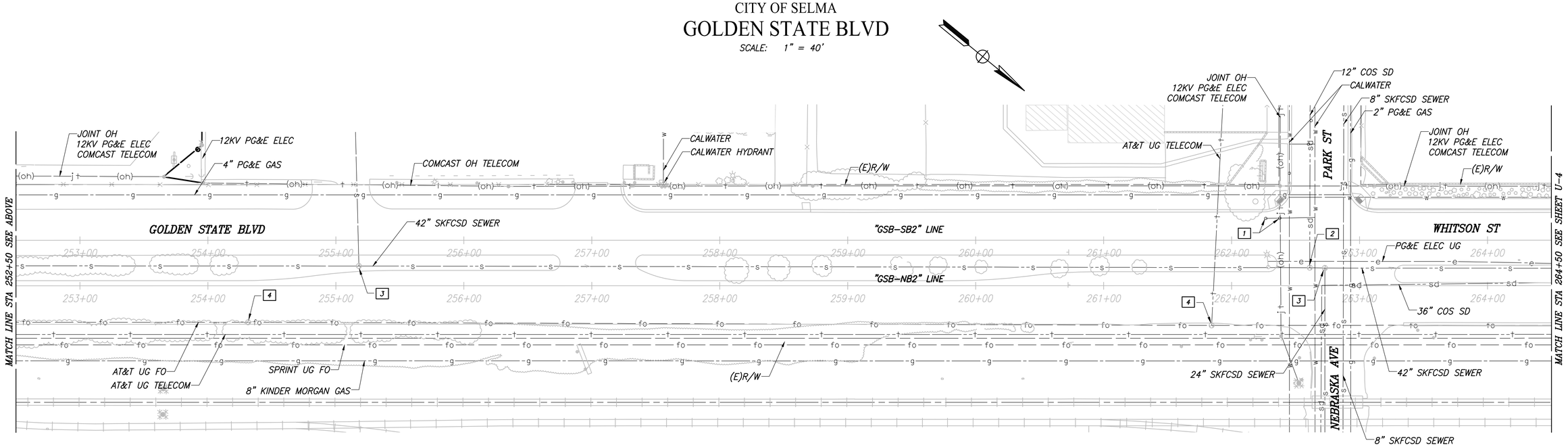

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UTILITY PLAN

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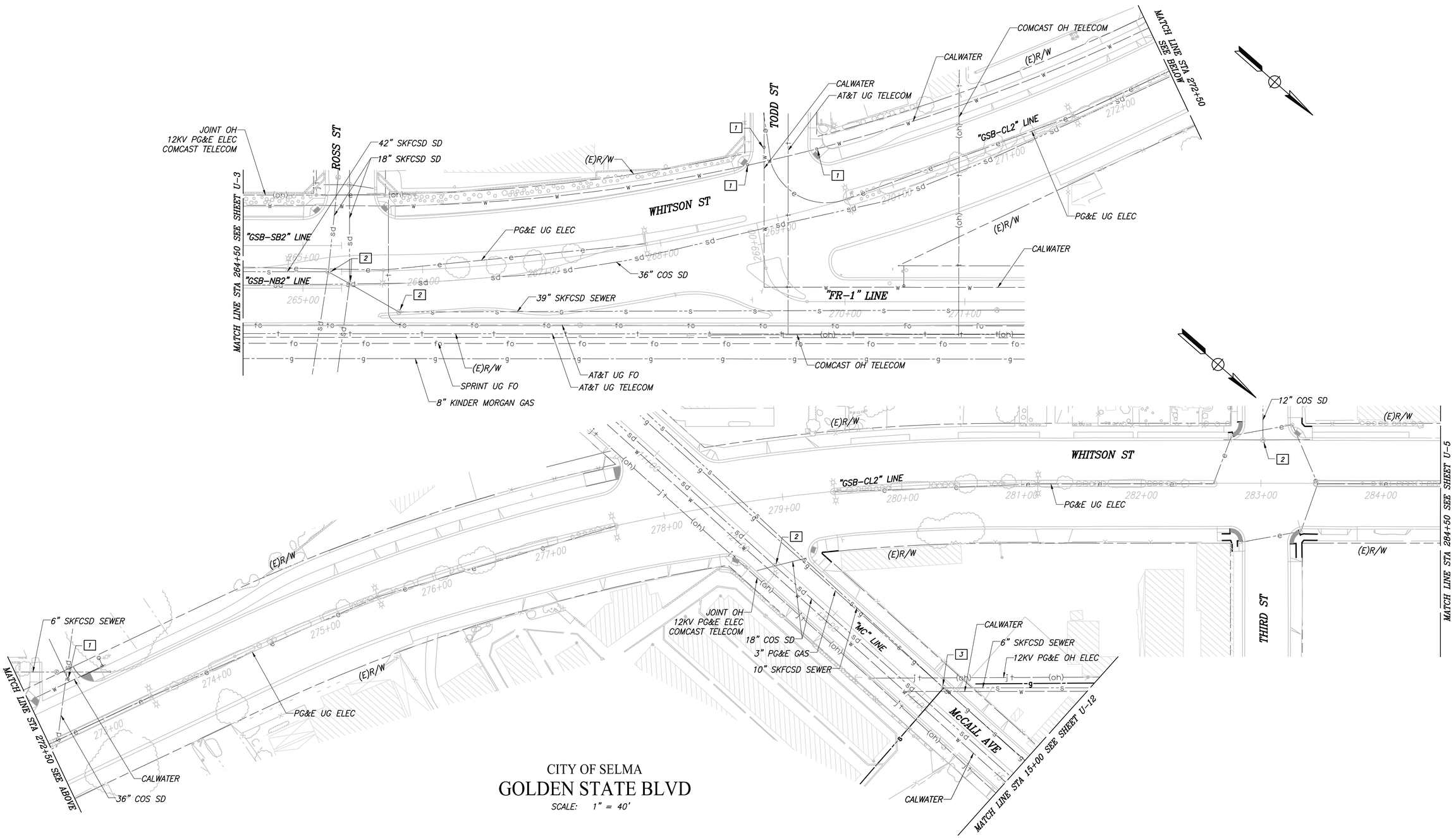

CITY OF SELMA

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SELMA REGION

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UTILITY PLAN

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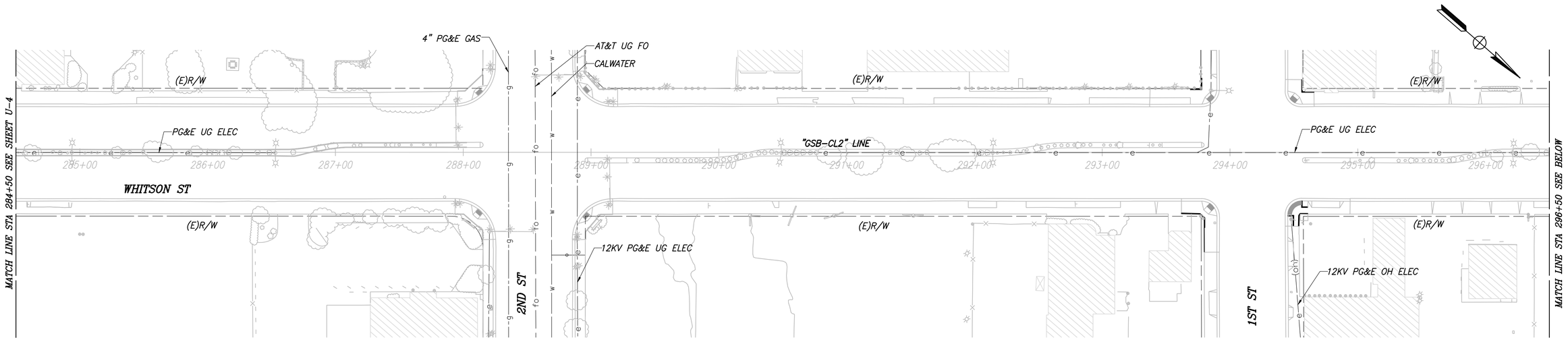

CITY OF SELMA

WHITSON ST

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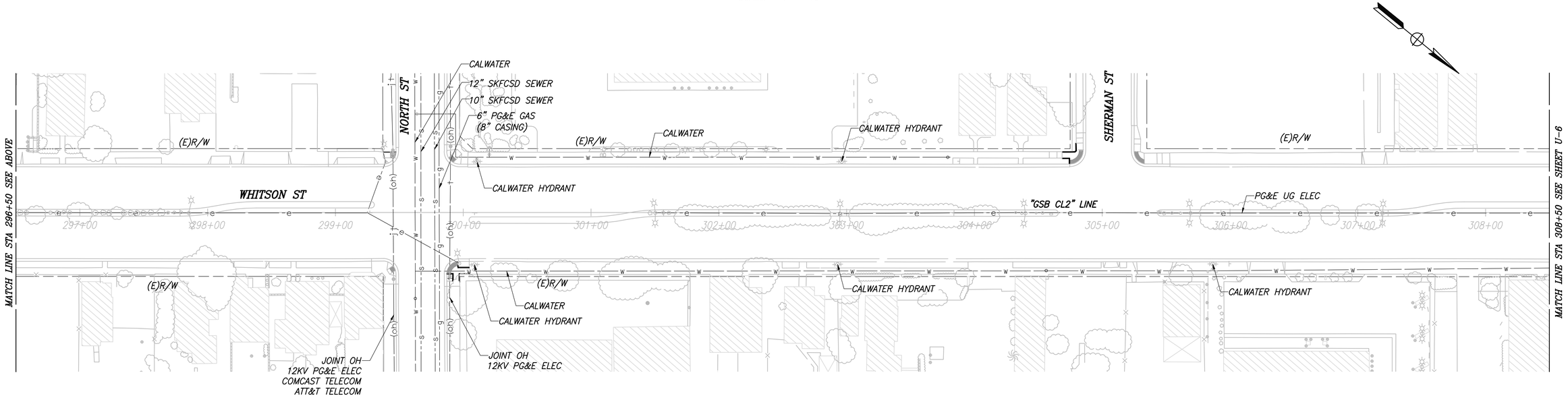

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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

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UTILITY PLAN

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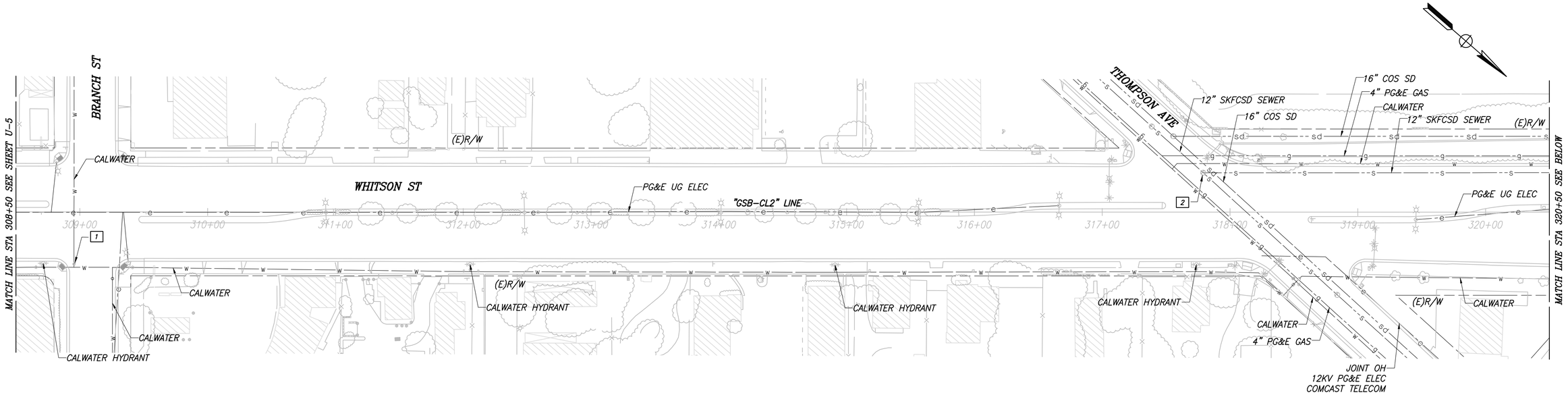

CITY OF SELMA

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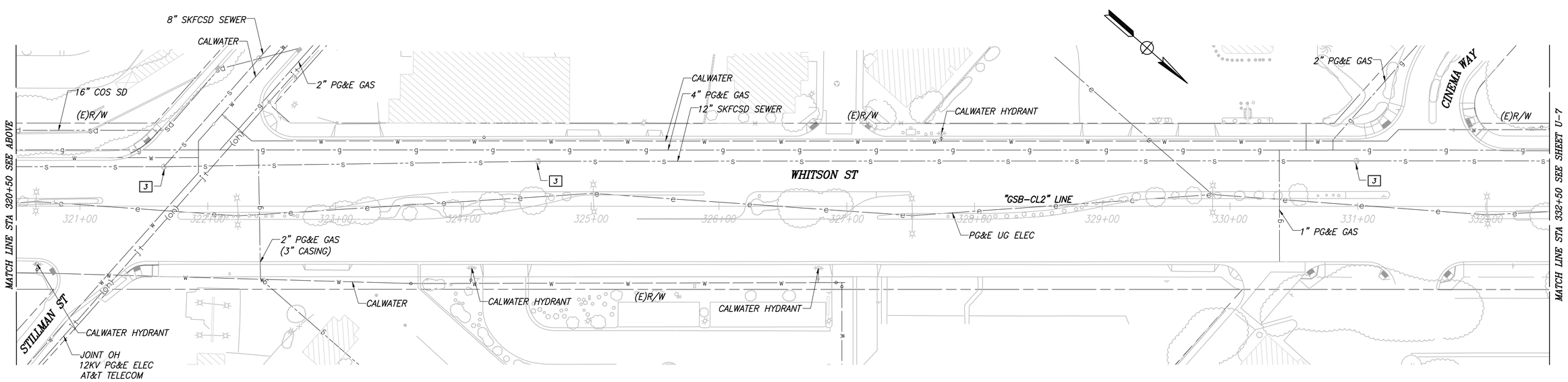

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

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UTILITY PLAN

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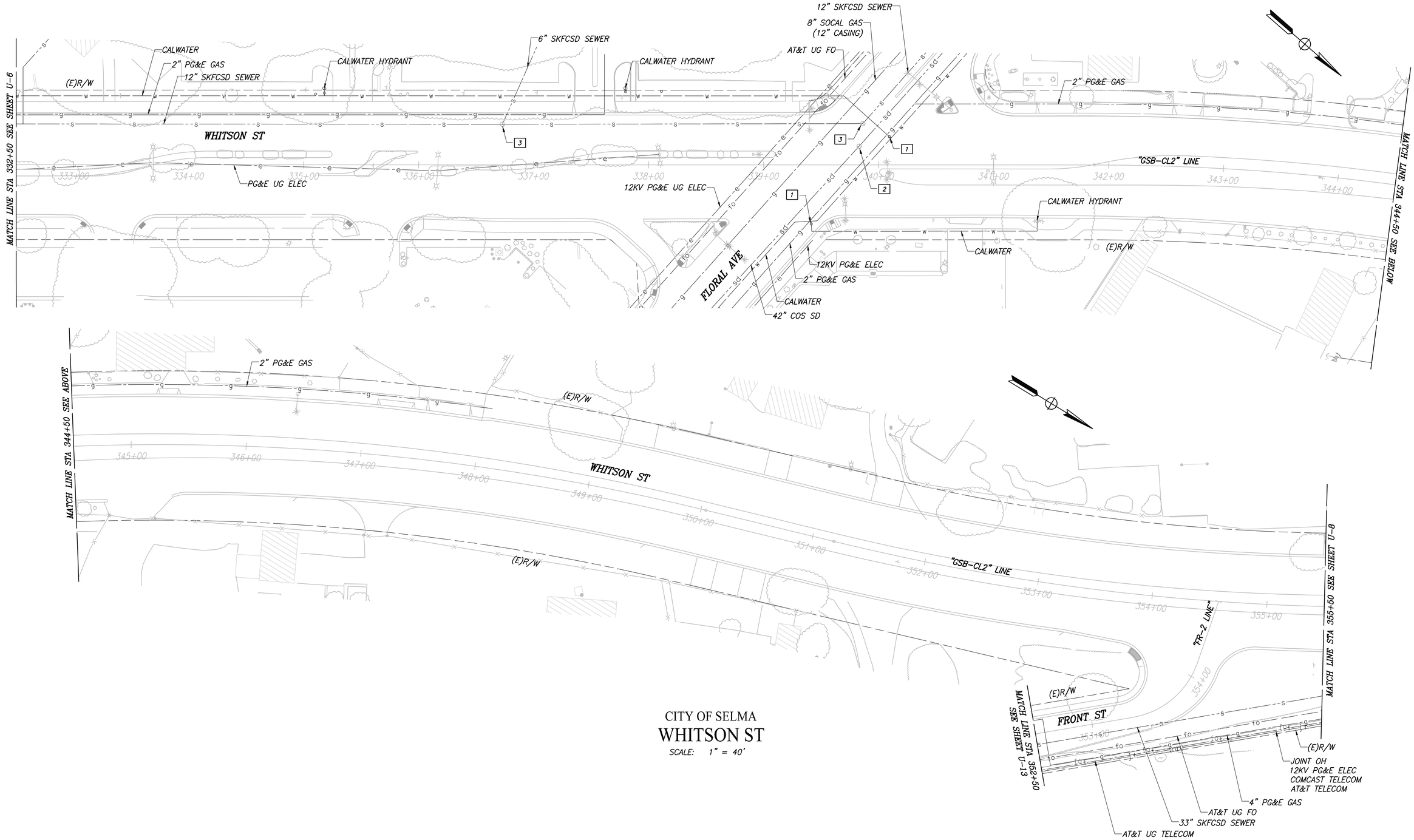

CITY OF SELMA

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

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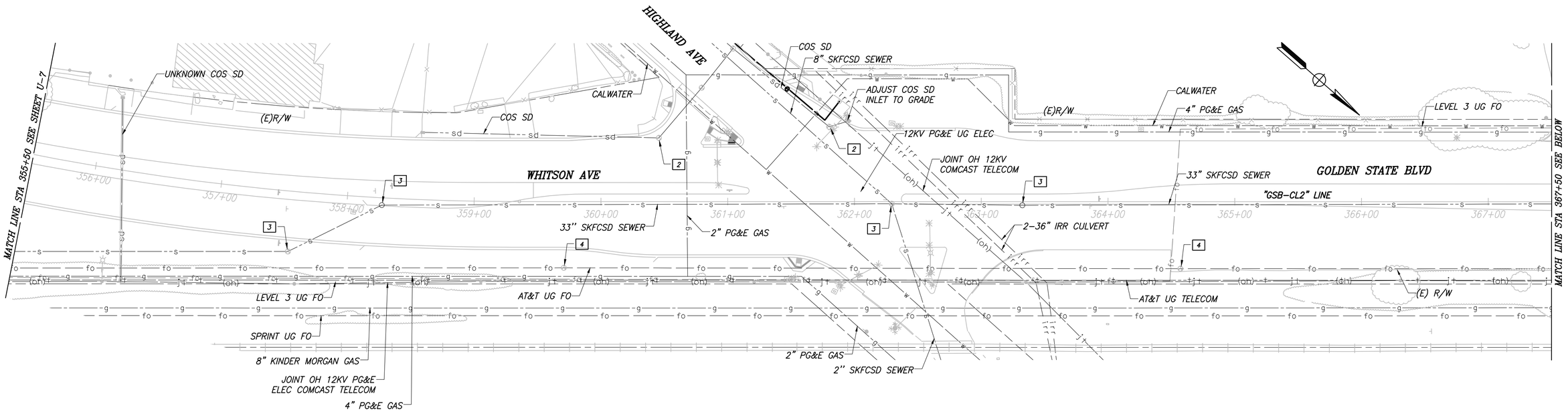

CITY OF SELMA

GOLDEN STATE BLVD

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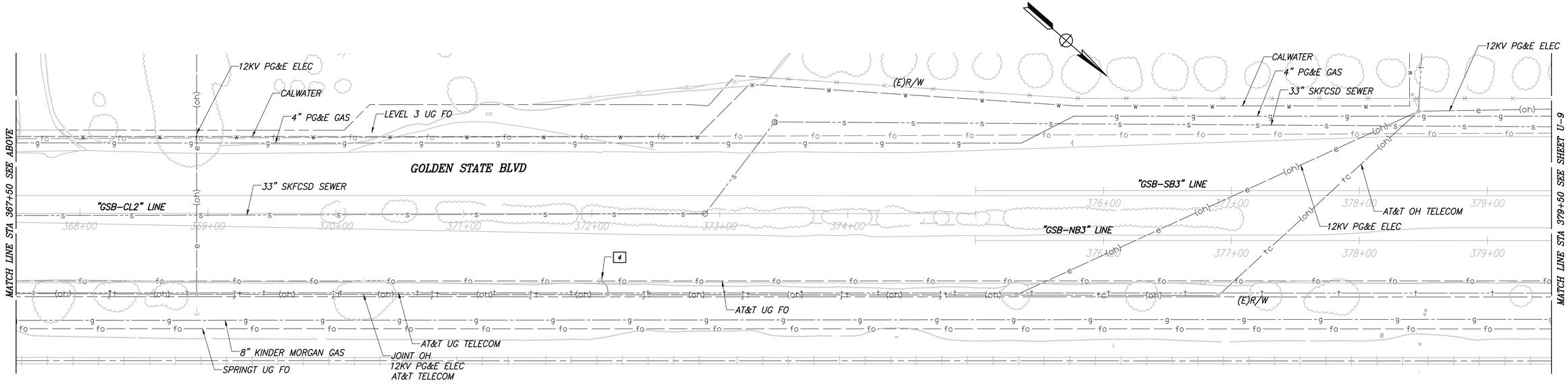

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SUPERVISING ENGINEER DATE

STATE OF CALIFORNIA REGISTERED PROFESSIONAL ENGINEER EDGAR G. NUÑEZ No. 75551 EXP. 6/30/21 CIVIL

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

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CITY of SELMA — CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

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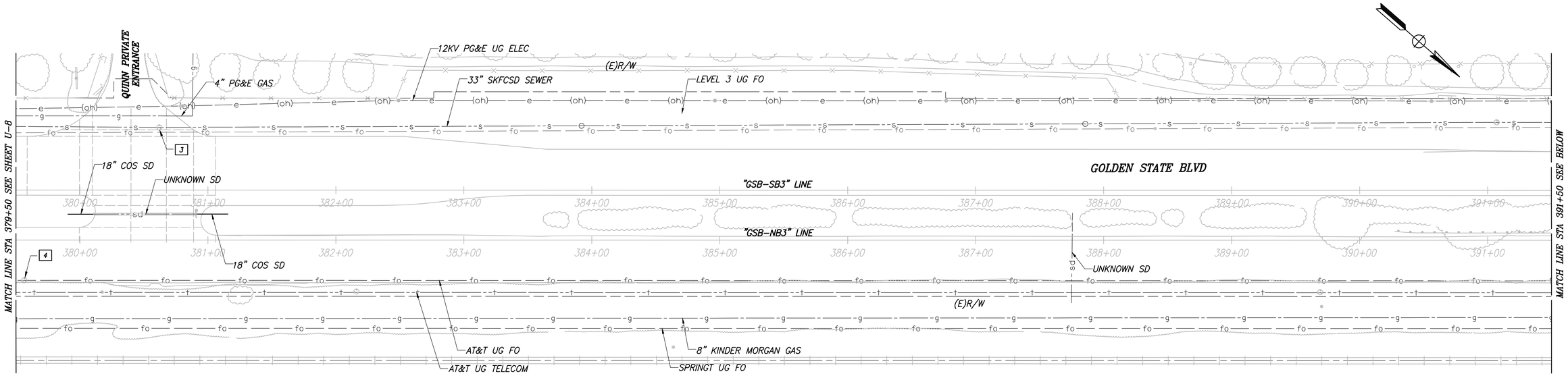

CITY OF SELMA

GOLDEN STATE BLVD

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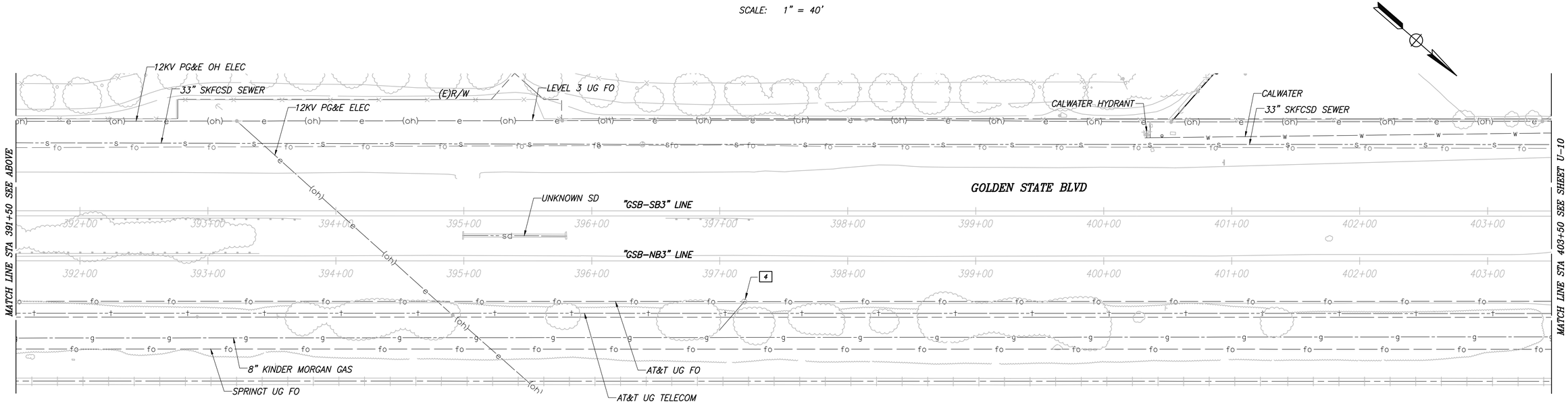

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TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR G. NUREGA No. 71555 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

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UTILITY PLAN

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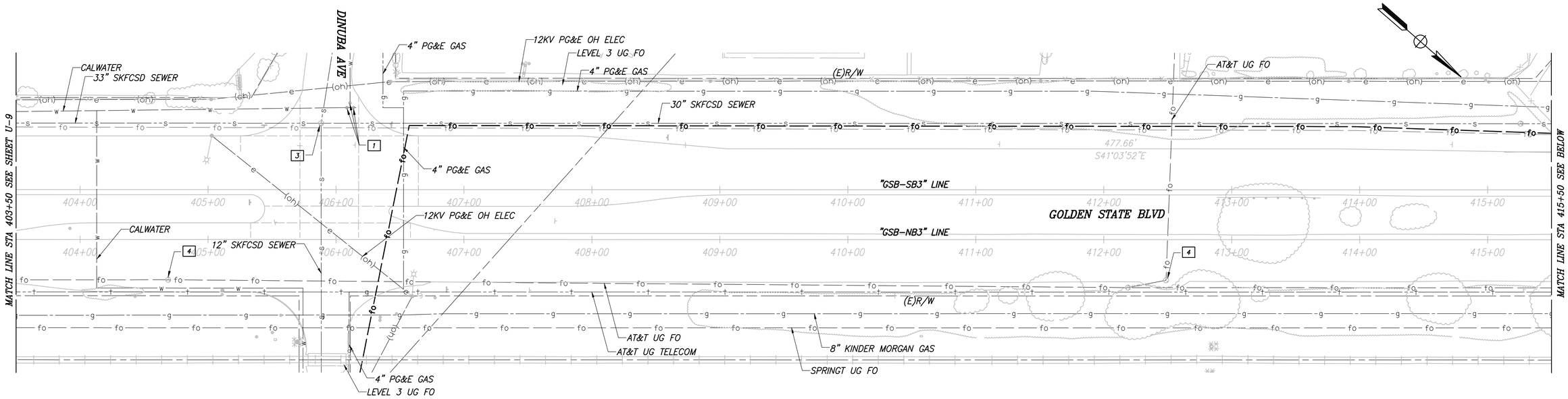

CITY OF SELMA

GOLDEN STATE BLVD

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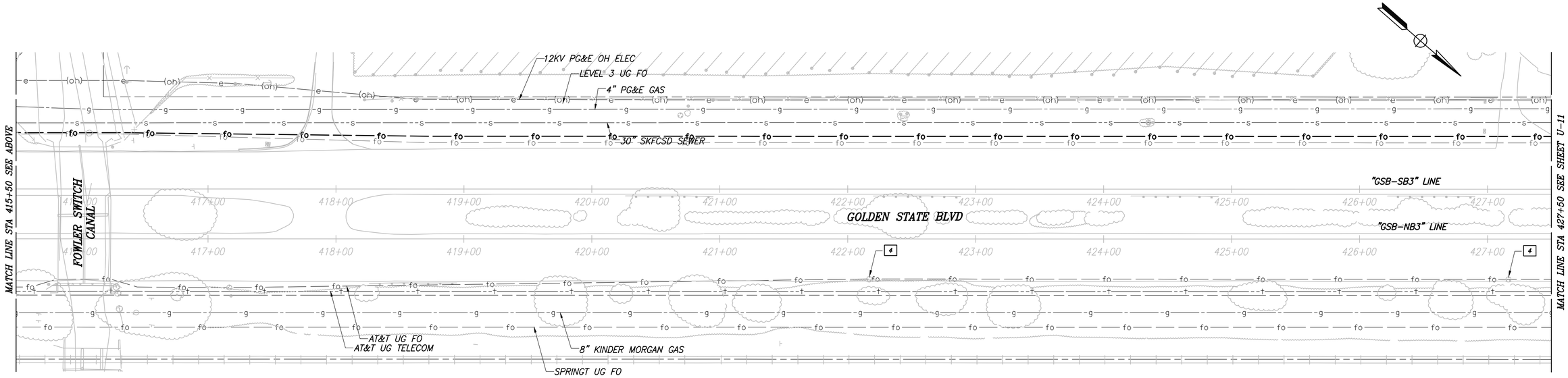

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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STATE OF CALIFORNIA REGISTERED PROFESSIONAL ENGINEER EDWARD L. NERGAL No. 55... EXP. 6/30/21 CIVIL

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-10 SHEET NO. 88 TOTAL 154

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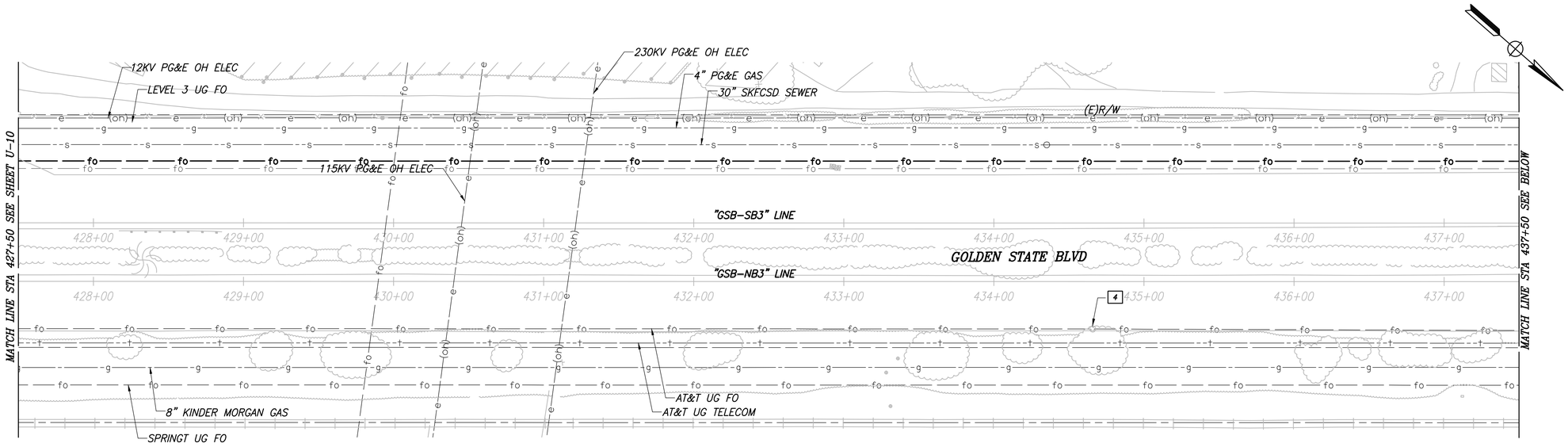

CITY OF SELMA

GOLDEN STATE BLVD

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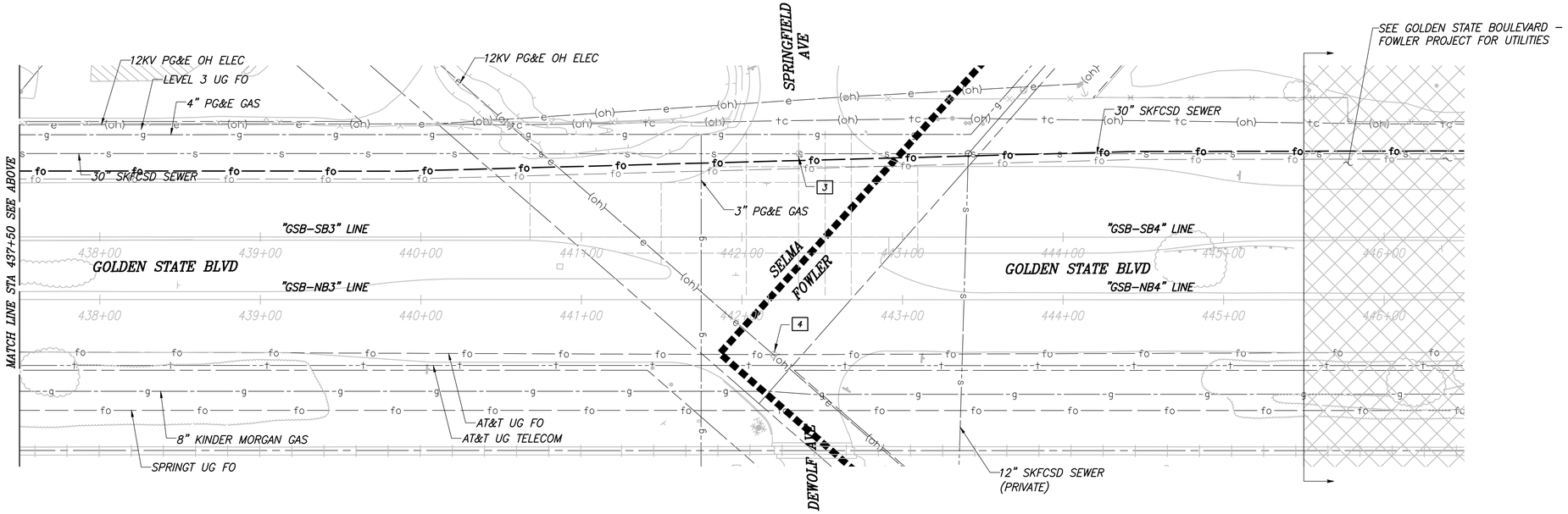

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PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA — CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

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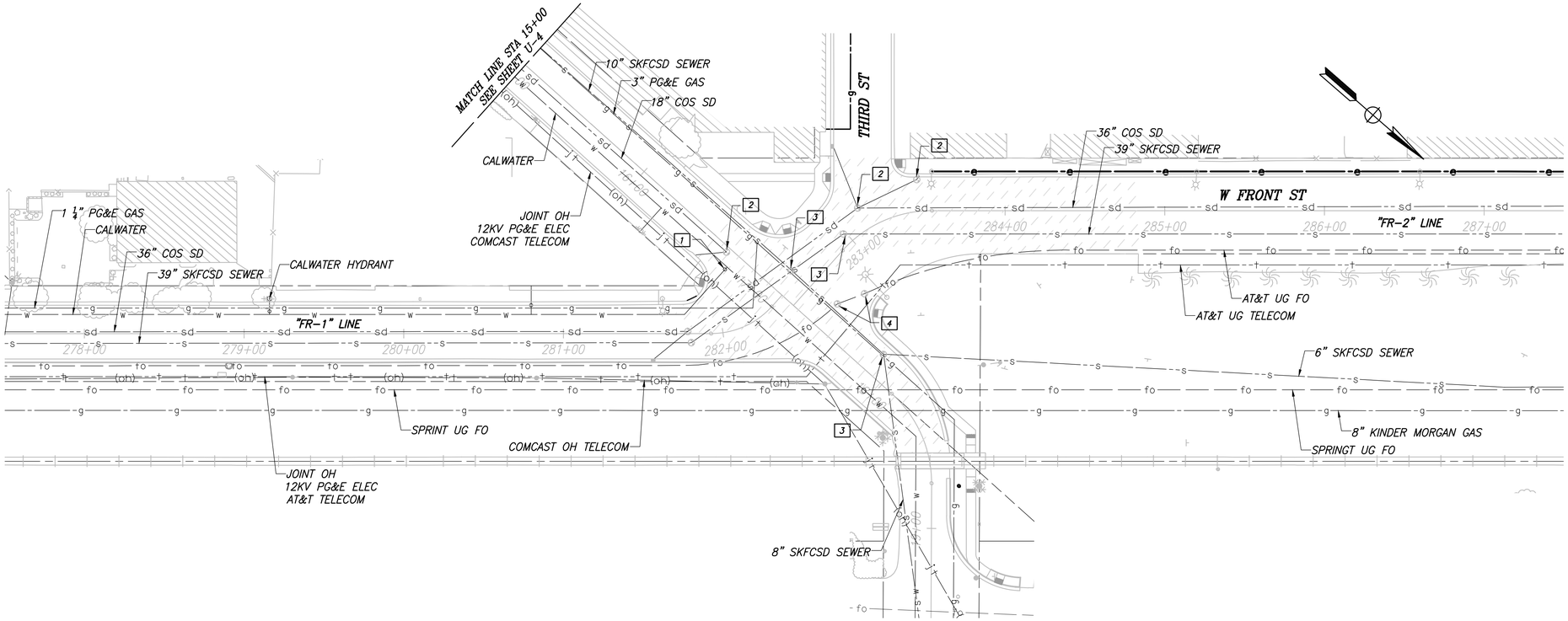
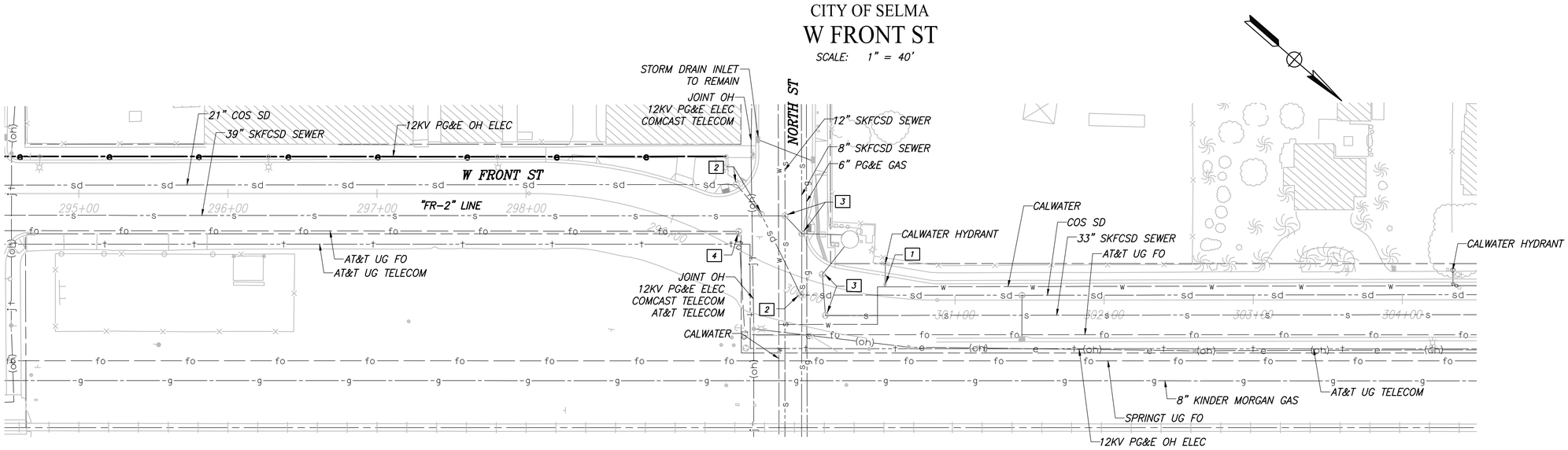


CITY OF SELMA

W FRONT ST

SCALE: 1" = 40'



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DRAWN: DILLON ALAMEDA	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR G. NERGEGA No. 71555 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-12 SHEET NO. 90 TOTAL 154

PLOT DATE:3/12/2021 11:49:45 AM CAD USER: EQHIN

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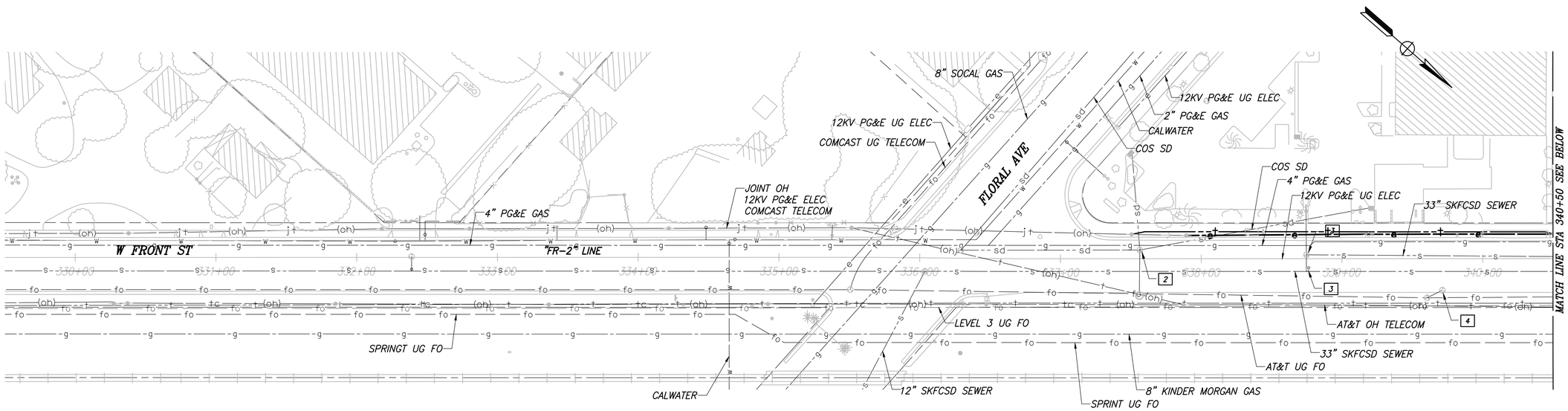
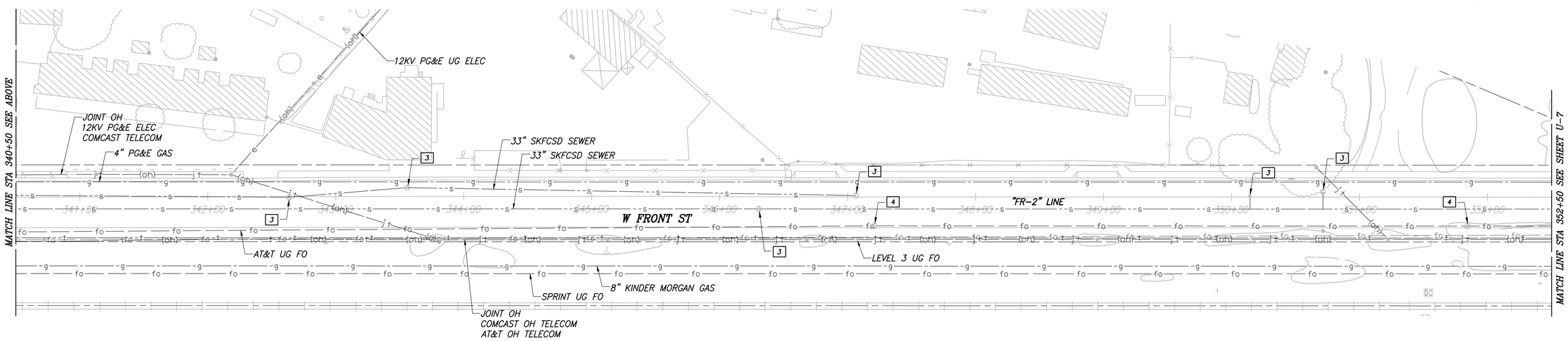


CITY OF SELMA

W FRONT ST

SCALE: 1" = 40'



	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DILLON ALAMEDA	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

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MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STATE OF CALIFORNIA REGISTERED PROFESSIONAL ENGINEER CESAR G. INIGUEZ 10055 EXP. 06/30/21 CIVIL

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

DRAWING NO. U-13 SHEET NO. 91 TOTAL 154

PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 2 - Selma\GSB_R2_UB-U13.dwg

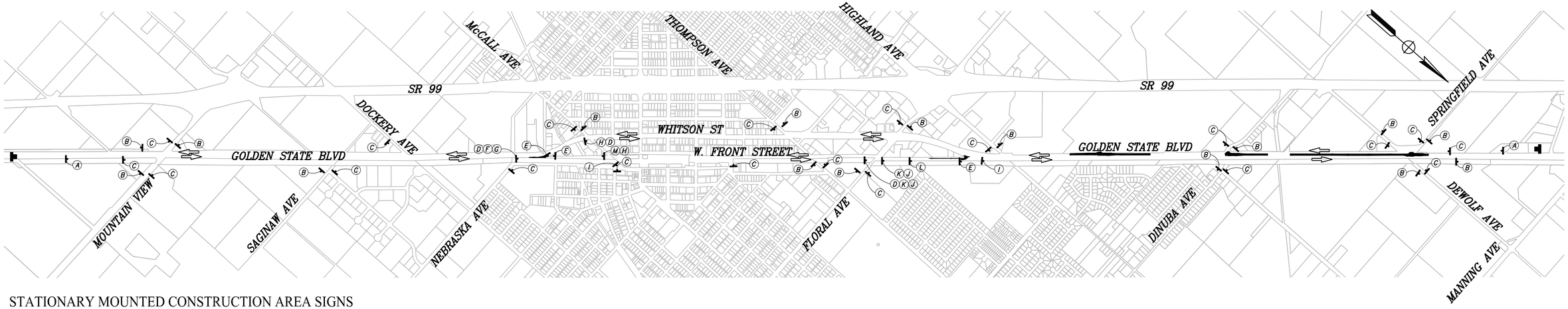
PLOT DATE:3/12/2021 11:50:04 AM CAD USER: ECHIN

NOTES

1. LOCATIONS OF CONSTRUCTION AREA SIGNS ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
2. ALL TRAFFIC CONTROL SHALL CONFORM WITH THE 2015 CALTRANS STANDARD PLANS AND THE CALIFORNIA MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CHANGEABLE MESSAGE SIGNS SHALL BE PLACED TWO WEEKS PRIOR TO CONSTRUCTION.
4. CONTRACTOR TO PROVIDE REASONABLE MEANS FOR PROPERTY OWNERS ADJACENT CONSTRUCTION TO ACCESS PROPERTIES AT ALL TIMES.
5. CONTRACTOR TO COORDINATE ANY DRIVEWAY CLOSURES WITH PROPERTY OWNERS BEFORE REMOVING ACCESS.
6. CONTRACTOR TO PROVIDE A MINIMUM OF ONE-11' LANE, IN EACH DIRECTION, ACCESS ALONG GOLDEN STATE BOULEVARD, WHITSON STREET, AND W. FRONT STREET AT ALL TIMES.

LEGEND

- RECONSTRUCT ROADWAY AREA
- CONSTRUCTION AREA SIGN SINGLE POST
- TRAFFIC AREA DIRECTION
- CHANGEABLE MESSAGE SIGN (CMS)



STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	SIGN CODE	PANEL SIZE	SIGN MESSAGE	EACH [N]
A	G20-1	90"x48"	ROAD WORK NEXT 3.5 MILES	2
B	G20-2	36"x18"	END ROAD WORK	16
C	W20-1	36"x18"	ROAD WORK AHEAD	20
D	CUSTOM	36"x18"	FRONT STREET	3
E	R11-2	36"x18"	ROAD CLOSED	3
F	M4-8	24"x12"	DETOUR	1
G	M5-2	21x15"	ADVANCE TURN ARROW	1
H	M4-10	48"x18"	DETOUR ARROW RIGHT	2
I	G20-2	90"x48"	END DETOUR	2
J	W20-1	36"x36"	DETOUR ARROW LEFT	1
K	R11-3A	60"x30"	ROAD CLOSED 0.3 MILES AHEAD LOCAL TRAFFIC ONLY	1
L	W20-3	36"x36"	ROAD CLOSED 1000 FEET	1
M	R11-4	60"x30"	ROAD CLOSED TO THRU TRAFFIC	1
			TOTAL	54

[N] NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

PLOT DATE: 3/12/2021 1:54:42 PM CAD USER: KBUCKALEW

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	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: ERIK CHIN	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

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MARK THOMAS

TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR G. NUREGA No. 75555 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION AREA SIGNS

DRAWING NO. CS-1 SHEET NO. 92 TOTAL 154

NOTES

1. TRAFFIC CONTROL SHOWN ON PLANS, INCLUDING LOCATIONS OF CONSTRUCTION AREA SIGNS, ARE APPROXIMATE AND INTENDED TO BE UTILIZED FOR STAGING PURPOSES ONLY. ALL TRAFFIC CONTROL SHALL BE APPROVED BY CITY OF SELMA AND COUNTY OF FRESNO PUBLIC WORKS DEPARTMENT PRIOR TO CONSTRUCTION. ALL SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
2. ALL TRAFFIC CONTROL SHALL CONFORM WITH THE 2015 CALTRANS STANDARD PLANS AND THE CALIFORNIA MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CONTRACTOR TO PROVIDE A MINIMUM OF ONE–11' LANE OF ACCESS IN EACH DIRECTION ALONG GOLDEN STATE BOULEVARD DURING CONSTRUCTION AT ALL TIMES.
4. CONTRACTOR TO PROVIDE REASONABLE MEANS FOR PROPERTY OWNERS THAT ARE ADJACENT TO CONSTRUCTION TO ACCESS PROPERTIES AT ALL TIMES.
5. CONTRACTOR TO COORDINATE ANY DRIVEWAY CLOSURES WITH PROPERTY OWNERS BEFORE IMPACTING ACCESS.
6. CONTRACTOR SHALL COORDINATE WITH UPRR DURING ALL STAGES OF CONSTRUCTION.

TRAFFIC STAGE 1

1. WORK NOT NECESSARY FOR STAGING OPERATION CAN BE DONE AT ANY TIME AND IS NOT SHOWN.

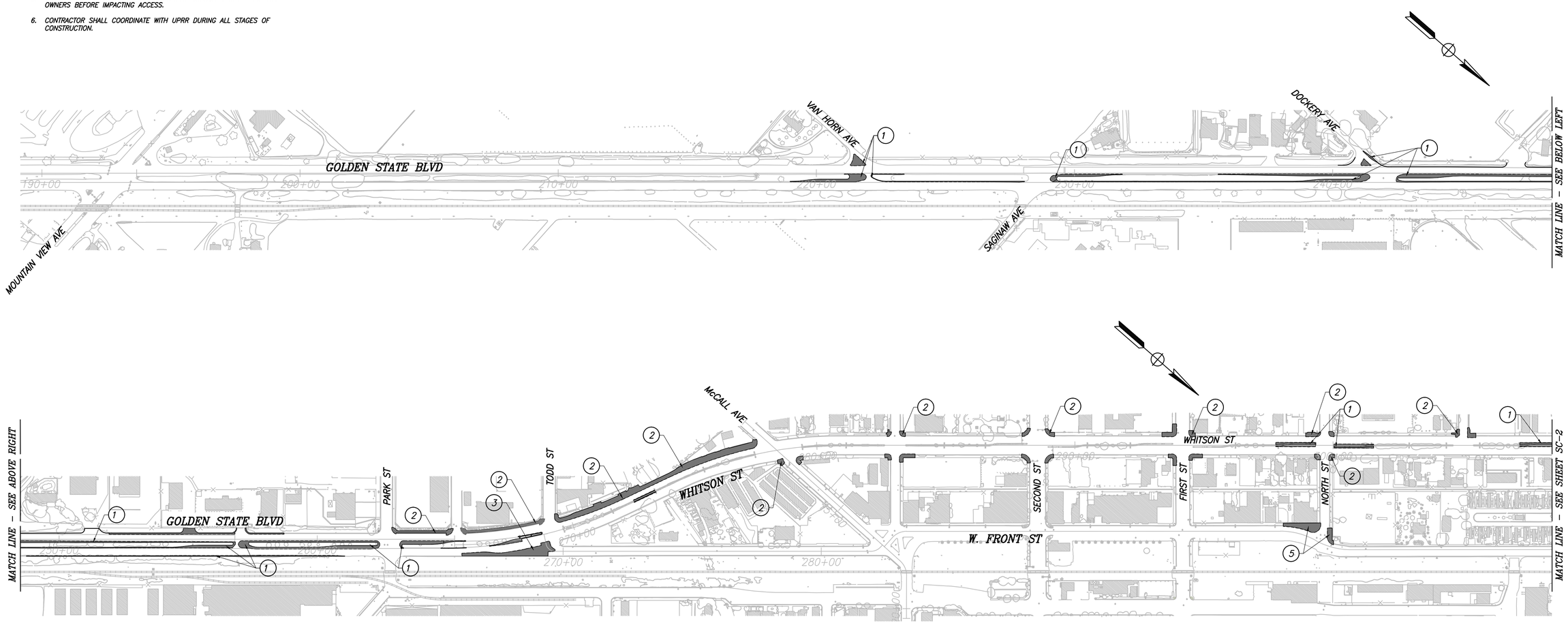
LEGEND

CONSTRUCTION THIS STAGE

(#) CONSTRUCTION ITEM THIS STAGE

CONSTRUCTION STAGE 1

1. CONSTRUCT LEFT TURN LANES AND WIDENING AREAS AS SHOWN ON CD–SHEETS. DO NOT INSTALL FINAL LIFT OF HMA.
2. CONSTRUCT CURB, GUTTER, CURB RAMP, AND SIDEWALK AS SHOWN ON CD–SHEETS.
3. RECONSTRUCT TODD STREET/FRONT STREET INTERSECTION. DO NOT INSTALL FINAL LIFT OF HMA.
4. RECONSTRUCT NORTH AVENUE/FRONT STREET SIDEWALK.
5. CONSTRUCT CURB, GUTTER, CURB RAMP, SIDEWALK, WIDENING, AND INTERSECTION AT FRONT ST AND WHITSON ST.



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CHECKED:	3/12/2021		

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MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR G. NORIEGA No. 71559 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION - STAGE 1

DRAWING NO. SC-1 SHEET NO. 93 TOTAL 154

PLOT DATE:3/12/2021 1:55:24 PM CAD USER: KBUCKALEW

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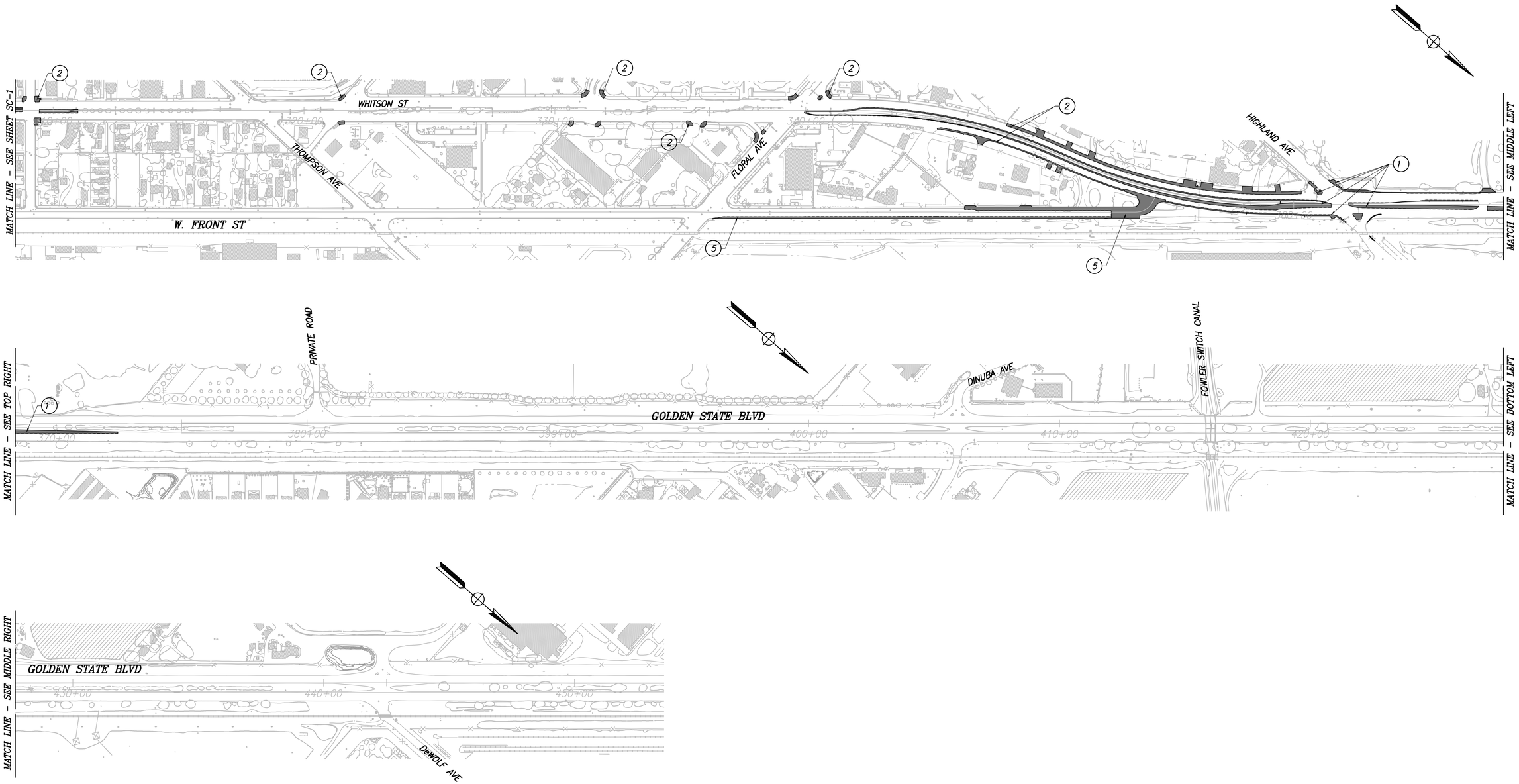

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PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION - STAGE 1

DRAWING NO. SC-2 SHEET NO. 94 TOTAL 154

NOTES

1. TRAFFIC CONTROL SHOWN ON PLANS, INCLUDING LOCATIONS OF CONSTRUCTION AREA SIGNS, ARE APPROXIMATE AND INTENDED TO BE UTILIZED FOR STAGING PURPOSES ONLY. ALL TRAFFIC CONTROL SHALL BE APPROVED BY CITY OF SELMA AND COUNTY OF FRESNO PUBLIC WORKS DEPARTMENT PRIOR TO CONSTRUCTION. ALL SIGN LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
2. ALL TRAFFIC CONTROL SHALL CONFORM WITH THE MOST RECENT CALTRANS STANDARD PLANS AND THE CALIFORNIA MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
3. CONTRACTOR TO PROVIDE A MINIMUM OF ONE–11' LANE OF ACCESS IN EACH DIRECTION ALONG GOLDEN STATE BOULEVARD DURING CONSTRUCTION AT ALL TIMES.
4. CONTRACTOR TO PROVIDE REASONABLE MEANS FOR PROPERTY OWNERS THAT ARE ADJACENT TO CONSTRUCTION TO ACCESS PROPERTIES AT ALL TIMES.
5. CONTRACTOR TO COORDINATE ANY DRIVEWAY CLOSURES WITH PROPERTY OWNERS BEFORE IMPACTING ACCESS.
6. CONTRACTOR SHALL COORDINATE WITH UPRR DURING ALL STAGES OF CONSTRUCTION.

TRAFFIC STAGE 2

1. DURING CLOSURE OF RAILROAD CROSSING AT MCCALL AVE, USE SECOND STREET FOR DETOUR.

LEGEND

CONSTRUCTION THIS STAGE

(#) CONSTRUCTION ITEM THIS STAGE

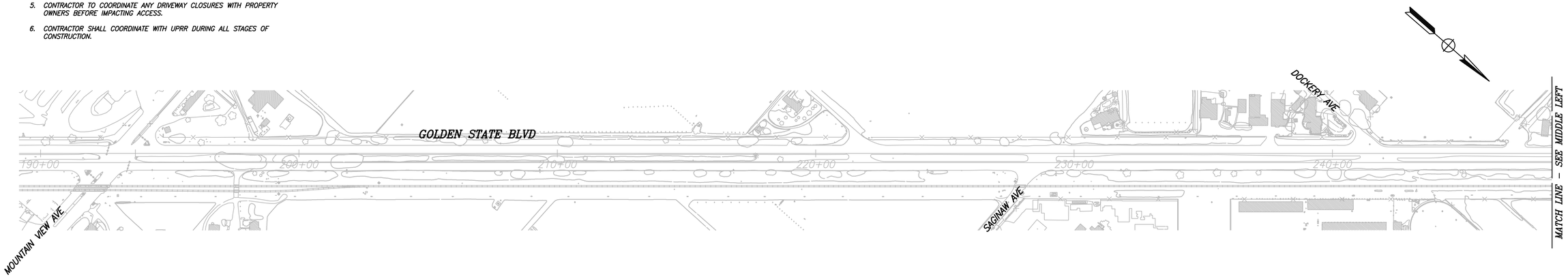
CONSTRUCTION STAGE 2

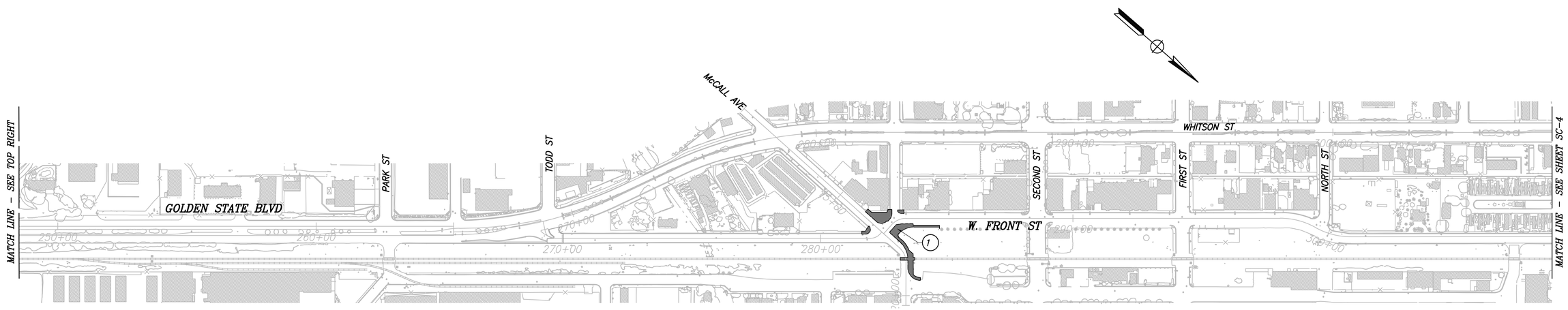
(1) CONSTRUCT IMPROVEMENTS FOR McCALL AVENUE/FRONT STREET INTERSECTION.

(2) CONSTRUCT IMPROVEMENTS FOR PRIVATE ROAD/GOLDEN STATE BOULEVARD INTERSECTION. DO NOT CONSTRUCT FINAL LIFT OF HMA ON SOUTHBOUND LANES OF GOLDEN STATE BOULEVARD.

(3) CONSTRUCT IMPROVEMENTS FOR DINUBA AVENUE/GOLDEN STATE BOULEVARD INTERSECTION. DO NOT CONSTRUCT FINAL LIFT OF HMA ON SOUTHBOUND LANES OF GOLDEN STATE BOULEVARD.

(4) CONSTRUCT IMPROVEMENTS FOR DeWOLF AVENUE/GOLDEN STATE BOULEVARD INTERSECTION. DO NOT CONSTRUCT FINAL LIFT OF HMA ON SOUTHBOUND LANES OF GOLDEN STATE BOULEVARD.





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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

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PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION - STAGE 2

DRAWING NO. SC-3 SHEET NO. 95 TOTAL 154

PLOT DATE:3/12/2021 1:56:53 PM CAD USER: KBUCKALEW

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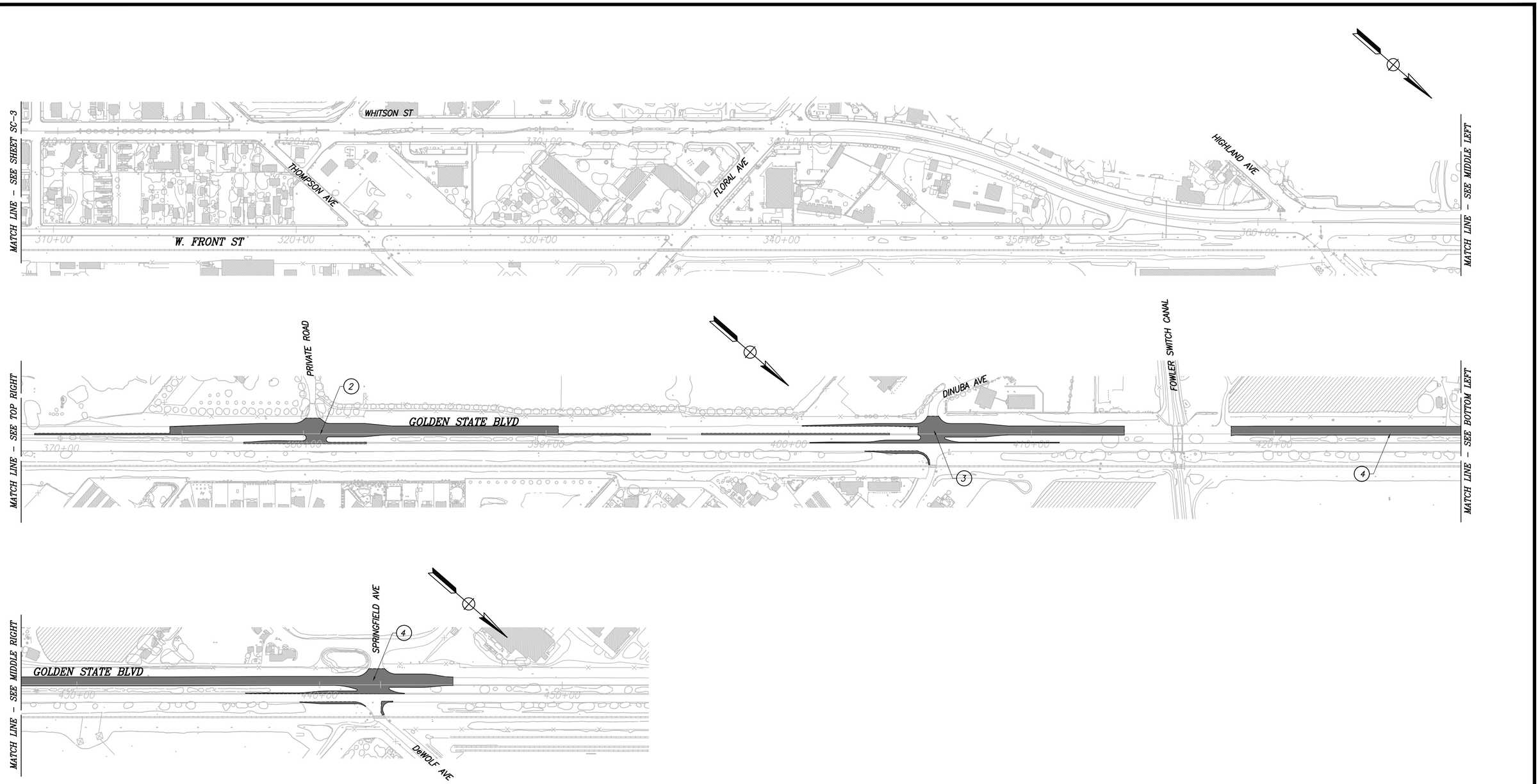

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DRAWN:	3/12/2021		
CHECKED:	3/12/2021		

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SUPERVISING ENGINEER DATE

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PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION - STAGE 2

DRAWING NO. SC-4 SHEET NO. 96 TOTAL 154

PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 2 - Selma\GSB_R2_SC2 3-4.dwg

PLOT DATE:3/12/2021 1:57:30 PM CAD USER: KBUCKALEW

NOTES

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3. CONTRACTOR TO PROVIDE A MINIMUM OF ONE–11' LANE OF ACCESS IN EACH DIRECTION ALONG GOLDEN STATE BOULEVARD DURING CONSTRUCTION AT ALL TIMES.
4. CONTRACTOR TO PROVIDE REASONABLE MEANS FOR PROPERTY OWNERS THAT ARE ADJACENT TO CONSTRUCTION TO ACCESS PROPERTIES AT ALL TIMES.
5. CONTRACTOR TO COORDINATE ANY DRIVEWAY CLOSURES WITH PROPERTY OWNERS BEFORE IMPACTING ACCESS.
6. CONTRACTOR SHALL COORDINATE WITH UPRR DURING ALL STAGES OF CONSTRUCTION.

TRAFFIC STAGE 3

1. DURING CLOSURE OF RAILROAD CROSSING AT McCALL AVENUE, USE SECOND STREET FOR DETOUR.

LEGEND

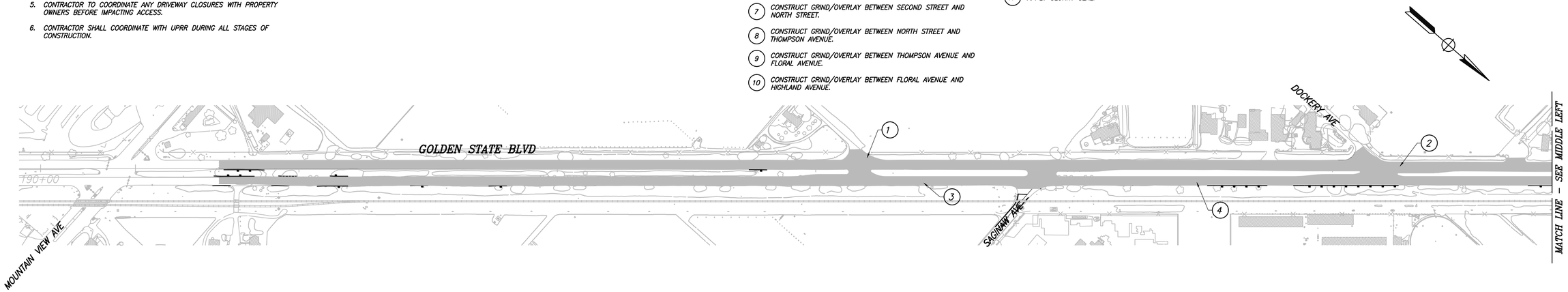
CONSTRUCTION THIS STAGE

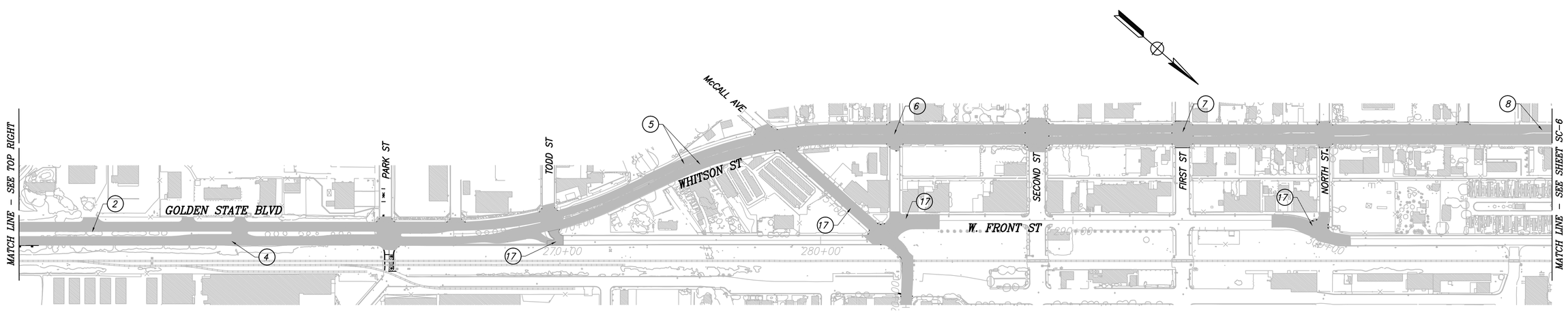
CONSTRUCTION THIS STAGE

(#) CONSTRUCTION ITEM THIS STAGE

CONSTRUCTION STAGE 3

1. CONSTRUCT GRIND/OVERLAY BETWEEN SOUTHERN PROJECT LIMIT TO SAGINAW AVENUE.
2. CONSTRUCT GRIND/OVERLAY BETWEEN SAGINAW AVENUE AND PARK STREET.
3. CRACK AND SEAT PCC AND INSTALL SAMI–R AND RHMA OVERLAY BETWEEN SOUTHERN PROJECT LIMIT TO SAGINAW AVENUE
4. CRACK AND SEAT PCC AND INSTALL SAMI–R AND RHMA OVERLAY BETWEEN SAGINAW AVENUE AND PARK AVENUE
5. CONSTRUCT GRIND/OVERLAY BETWEEN PARK STREET AND McCALL AVENUE.
6. CONSTRUCT GRIND/OVERLAY BETWEEN McCALL AVENUE AND SECOND STREET.
7. CONSTRUCT GRIND/OVERLAY BETWEEN SECOND STREET AND NORTH STREET.
8. CONSTRUCT GRIND/OVERLAY BETWEEN NORTH STREET AND THOMPSON AVENUE.
9. CONSTRUCT GRIND/OVERLAY BETWEEN THOMPSON AVENUE AND FLORAL AVENUE.
10. CONSTRUCT GRIND/OVERLAY BETWEEN FLORAL AVENUE AND HIGHLAND AVENUE.
11. CONSTRUCT GRIND/OVERLAY BETWEEN HIGHLAND AVENUE AND PRIVATE ROAD.
12. COMPLETE FINAL LIFT OF HMA AT INTERSECTION OF PRIVATE ROAD AND GOLDEN STATE BOULEVARD.
13. CONSTRUCT GRIND/OVERLAY BETWEEN PRIVATE ROAD AND DINUBA AVENUE.
14. CONSTRUCT FINAL LIFT OF HMA AT INTERSECTION OF DINUBA AVENUE AND GOLDEN STATE BOULEVARD.
15. CONSTRUCT GRIND/OVERLAY BETWEEN DINUBA AVENUE AND NORTHERN PROJECT LIMIT.
16. COMPLETE FINAL LIFT OF HMA AT INTERSECTION OF DEWOLF AVENUE AND GOLDEN STATE BOULEVARD.
17. APPLY SLURRY SEAL.





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DESIGNED:	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN:	3/12/2021		
CHECKED:	3/12/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR G. NUREGA No. 71559 3/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION - STAGE 3

DRAWING NO. SC-5 SHEET NO. 97 TOTAL 154

PLOT DATE:3/12/2021 1:58:19 PM CAD USER: THARDY

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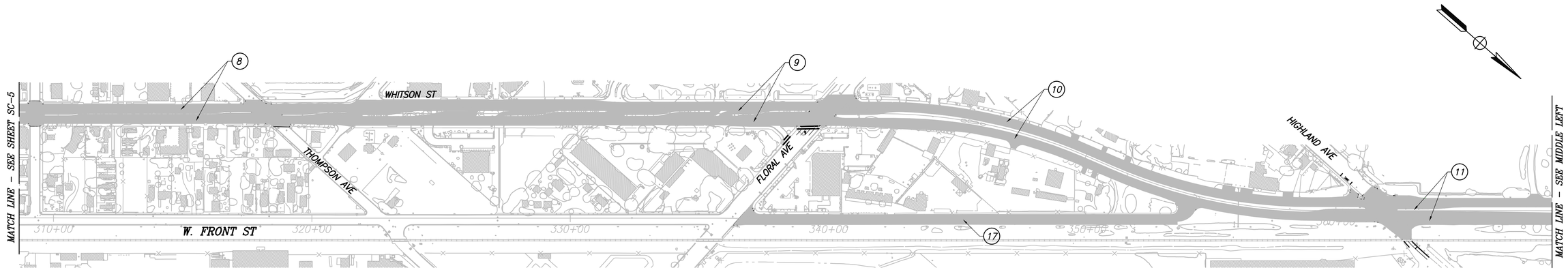

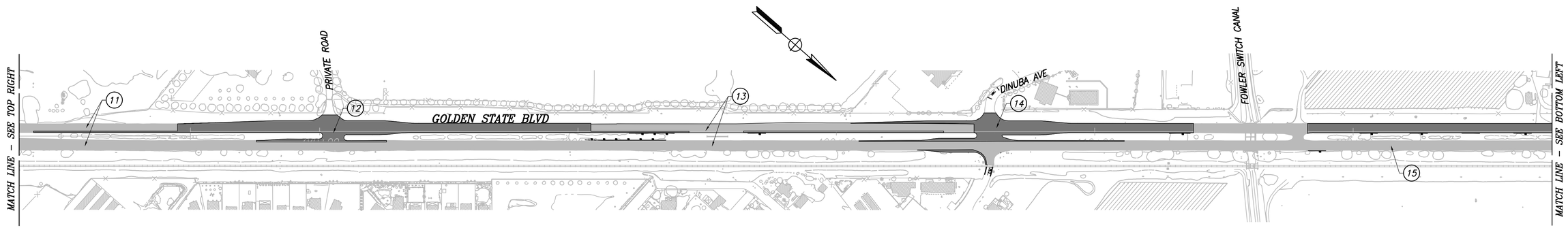

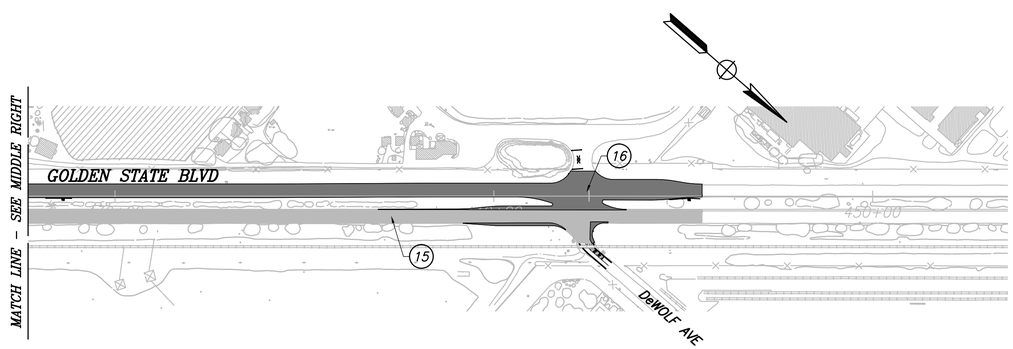

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GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION - STAGE 3

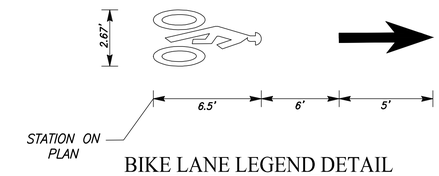
DRAWING NO. SC-6 SHEET NO. 98 TOTAL 154

NOTES

1. CROSSWALK TO BE 10' WIDE PER COUNTY OF FRESNO STD ST 42 UNLESS OTHERWISE NOTED.
2. ALL PAVEMENT STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

LEGEND

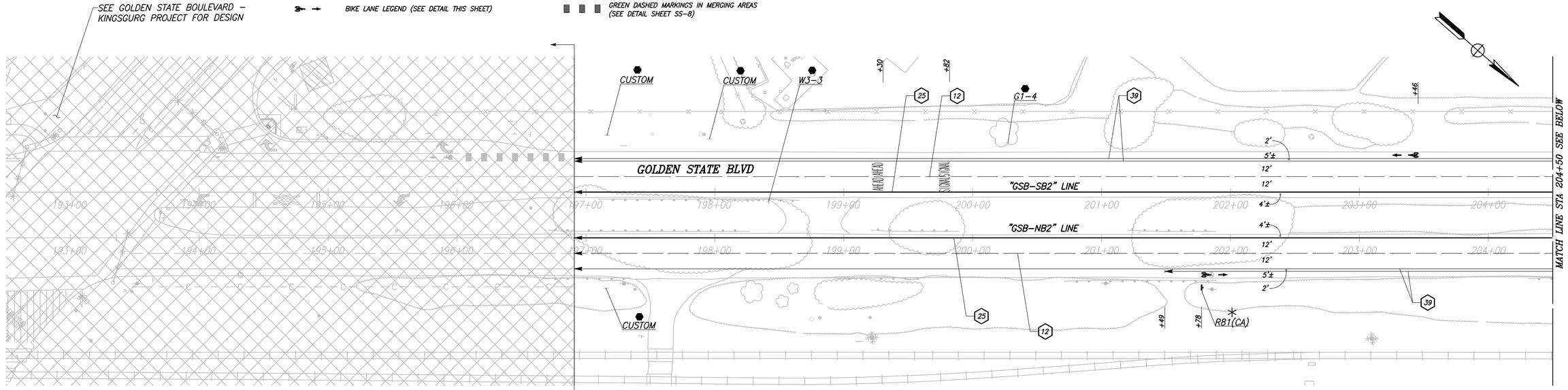
- TYPE IV (L) ARROW PER CALTRANS STD PLAN A24A
- TYPE IV (R) ARROW PER CALTRANS STD PLAN A24A
- RAILROAD CROSSING SYMBOL PER CLATRANS STD PLAN A24B
- TYPE VI ARROW PER CALTRANS STD PLAN A24A
- TYPE II (R) ARROW PER CALTRANS STD PLAN A24B
- TYPE 1 ARROW PER CALTARNS STD PLAM A24A
- AHEAD — "AHEAD" MARKING PER CALTRANS STD PLAN A24D
- SIGNAL — "SIGNAL" MARKING PER CALTRANS STD PLAN A24D
- STOP — "STOP" MARKING PER CALTRANS STD PLAN A24D
- BIKE LANE LEGEND (SEE DETAIL THIS SHEET)
- XW — 12" WIDE WHITE CROSSWALK LINE PER CALTRANS STD PLAN A24F
- LL — 12" WIDE WHITE LIMIT LINE PER CALTRANS RSP A24E
- RR — 24" WIDE WHITE LIMIT LINE PER CALTRANS STD PLAN A24B
- DENOTES PROPOSED DETAIL NUMBER PER CALTRANS STD PLANS
- DENOTES EXISTING DETAIL NUMBER PER CALTRANS STD PLANS
- CHANGE IN TRAFFIC STRIPE
- SNS — STREET NAME SIGN
- EXISTING SINGLE POST ROADSIDE SIGN
- PROPOSED SINGLE POST ROADSIDE SIGN
- GREEN DASHED MARKINGS IN MERGING AREAS (SEE DETAIL SHEET SS-8)
- EXISTING SIGN TO BE SALVAGED AND REPLACED
- EXISTING SIGN TO REMAIN
- EXISTING SIGN TO BE RESET OR RELOCATED
- EXISTING SIGN TO BE REMOVED AND SALVAGED
- INSTALL ROADSIDE SIGN



BIKE LANE LEGEND DETAIL

NTS

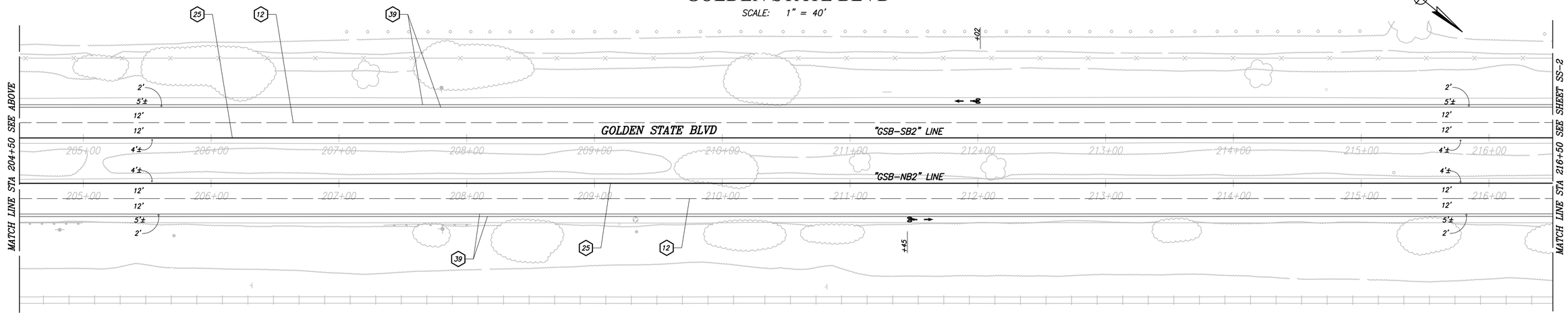
SEE CALTRANS STD PLANS A-24A AND A-24C FOR PAVMENT MARKING ARROW AND BIKE LANE SYMBOL



CITY OF SELMA

GOLDEN STATE BLVD

SCALE: 1" = 40'



	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE — PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR G. NERGEAN No. 61553 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA — CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-1 SHEET NO. 99 TOTAL 154

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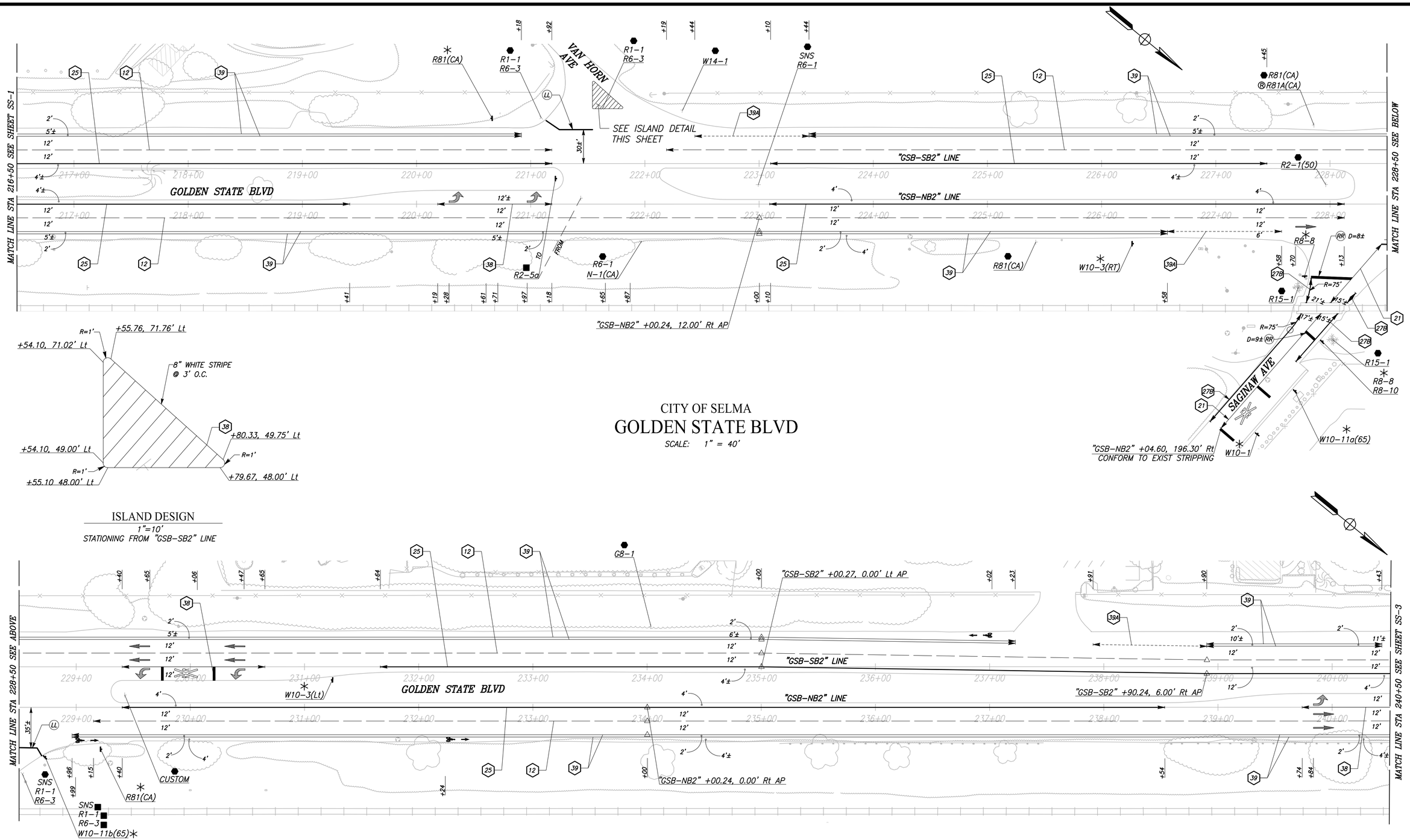


CITY OF SELMA

GOLDEN STATE BLVD

SCALE: 1" = 40'

	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STATE OF CALIFORNIA — REGISTERED PROFESSIONAL ENGINEER — EDGAR G. NUREGA — No. 71555 — Exp. 6/30/21 — CIVIL

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

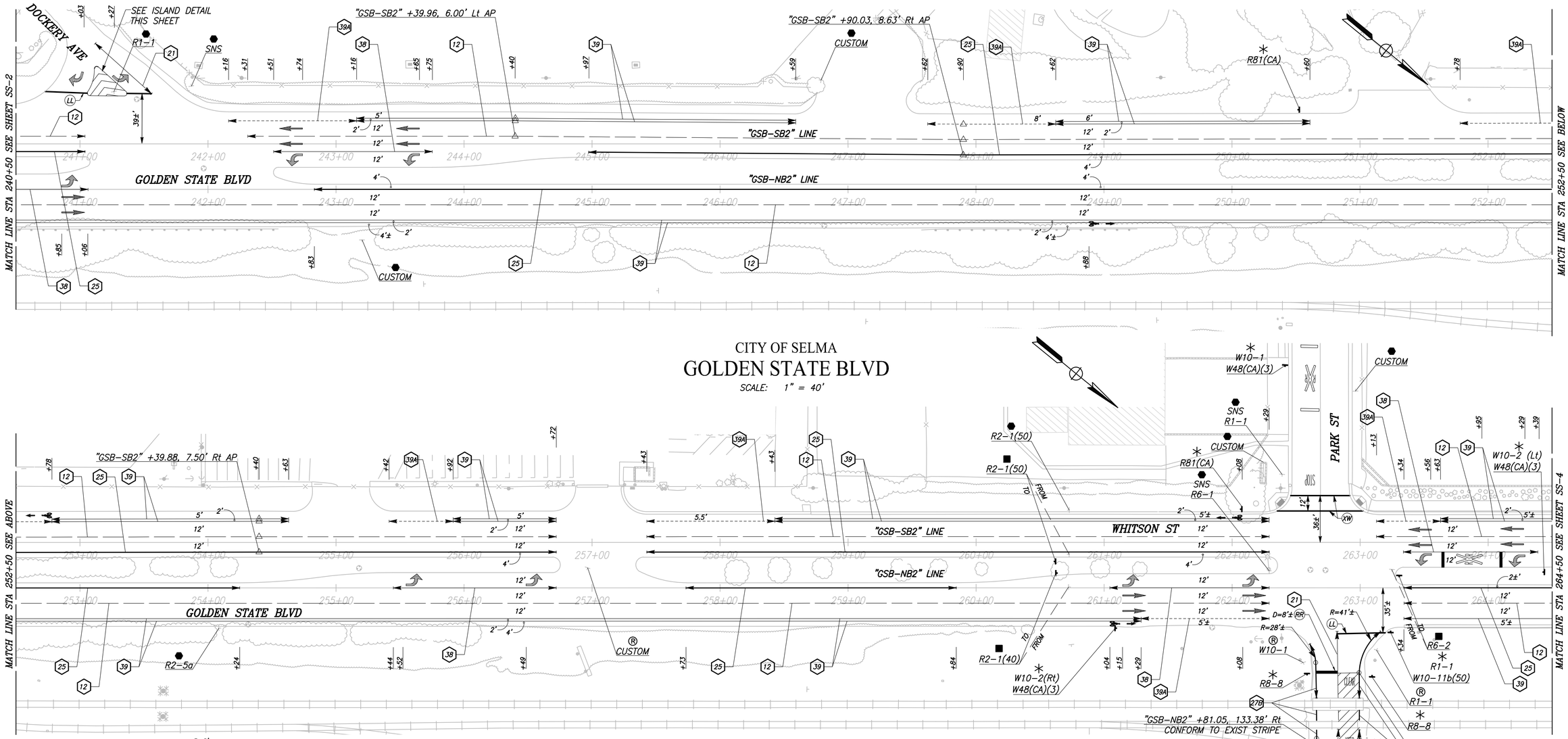
CITY of SELMA — CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-2 SHEET NO. 100 TOTAL 154

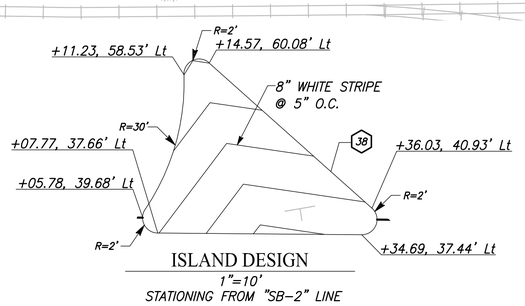
PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 2 - Selma\GSB_R2_SS1-SS7.dwg PLOT DATE:3/12/2021 2:00:11 PM CAD USER: ESEPULVEDA



CITY OF SELMA

GOLDEN STATE BLVD

SCALE: 1" = 40'



ISLAND DESIGN

1"=10'

STATIONING FROM "SB-2" LINE

	DATE	RECORD DRAWING	DATE
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STATE OF CALIFORNIA PROFESSIONAL ENGINEER EDGAR A. NUREGA 6/30/21 CIVIL

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-3 SHEET NO. 101 TOTAL 154

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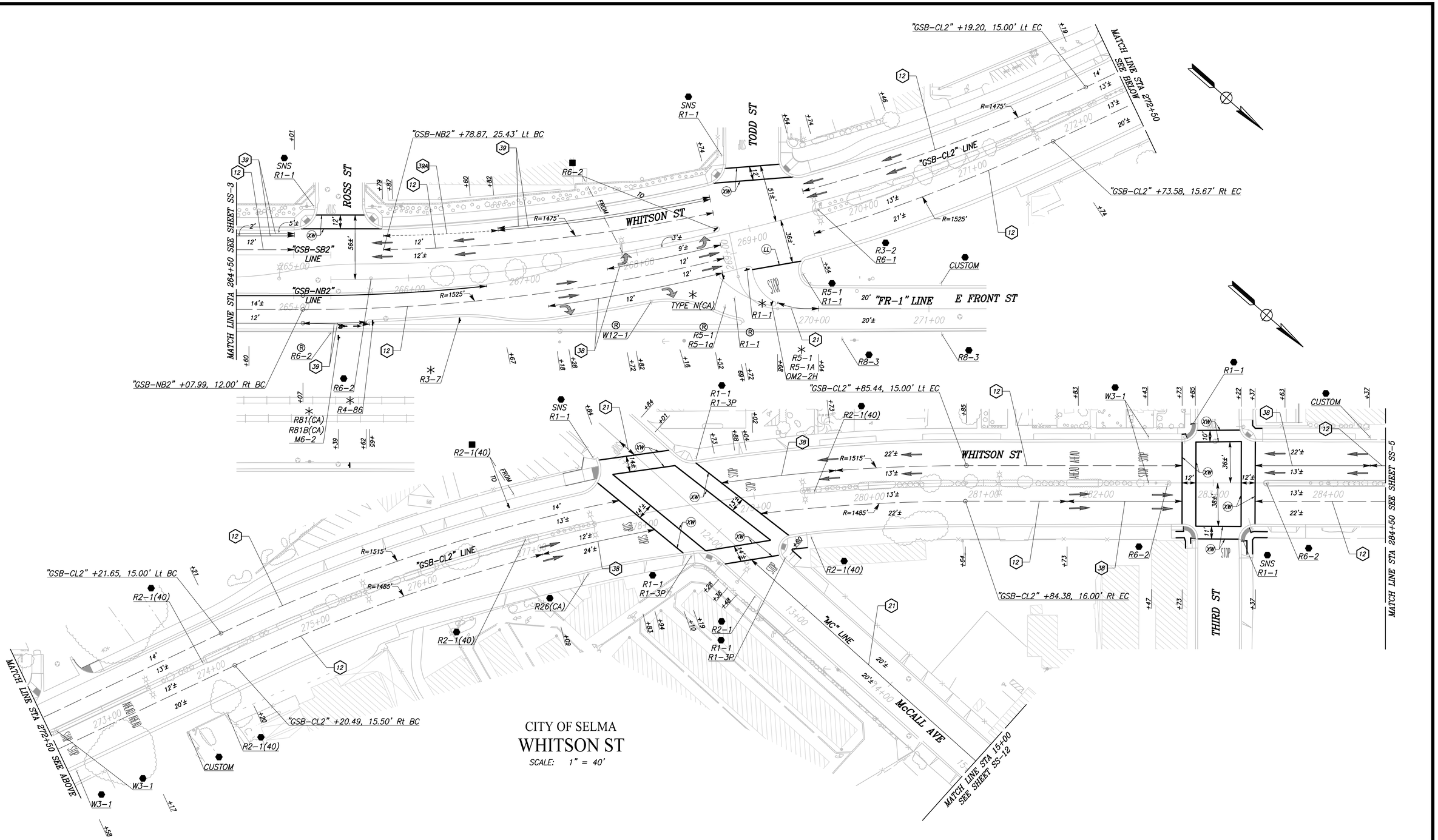

	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

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811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STATE OF CALIFORNIA PROFESSIONAL ENGINEER EDGAR A. NERIEGA 6/30/21 CIVIL

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-4 SHEET NO. 102 TOTAL 154

PLOT DATE:3/12/2021 2:01:01 PM CAD USER: ESEPULVEDA

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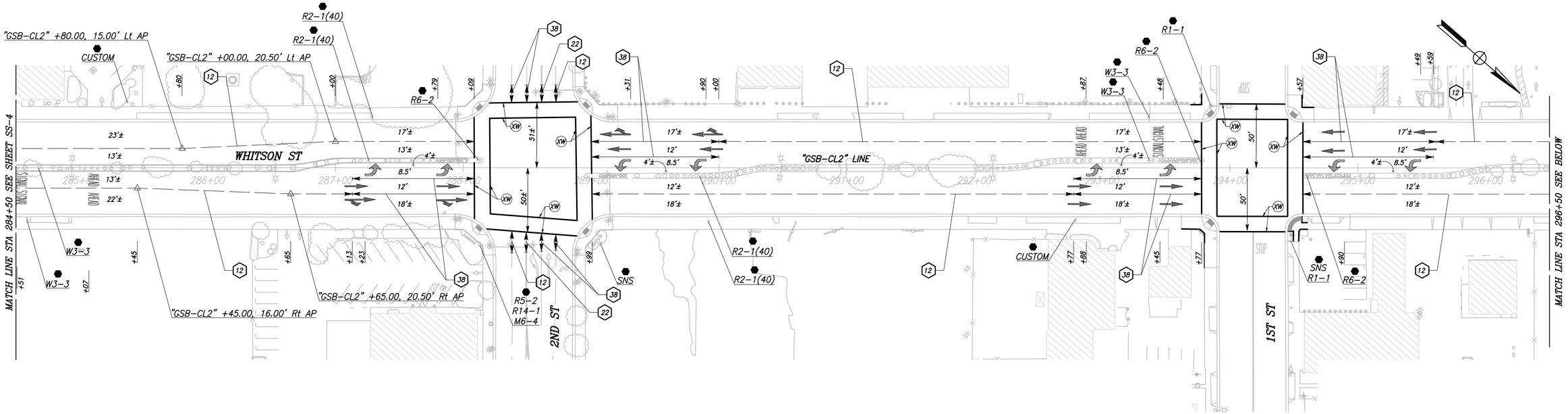
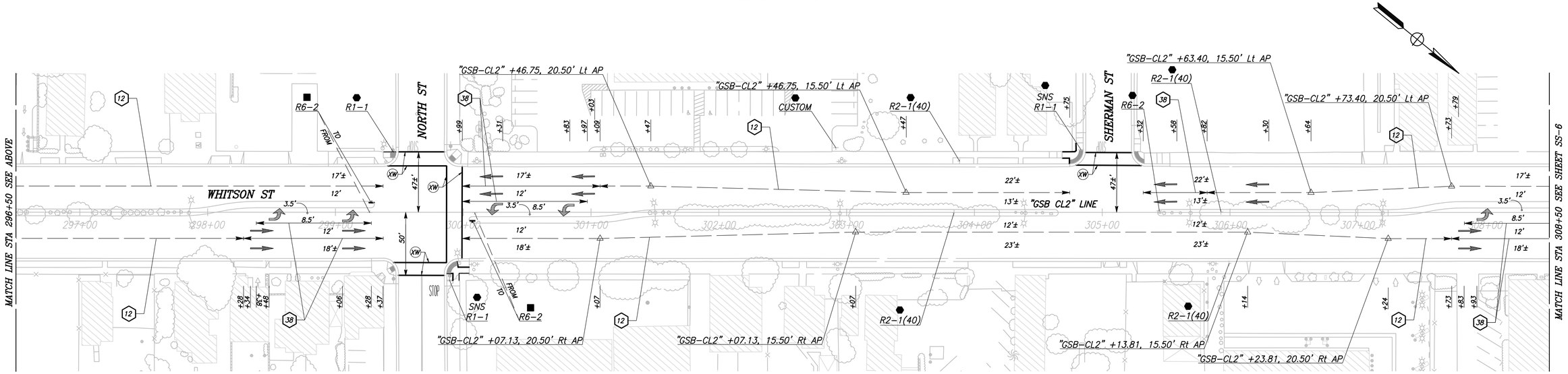


CITY OF SELMA

GOLDEN STATE BLVD

SCALE: 1" = 40'



	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

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811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STATE OF CALIFORNIA REGISTERED PROFESSIONAL ENGINEER EDGAR A. NUÑEZ No. 73553 EXP. 6/30/21 CIVIL

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-5 SHEET NO. 103 TOTAL 154

PLOT DATE:3/12/2021 2:01:22 PM CAD USER: ESEPULVEDA

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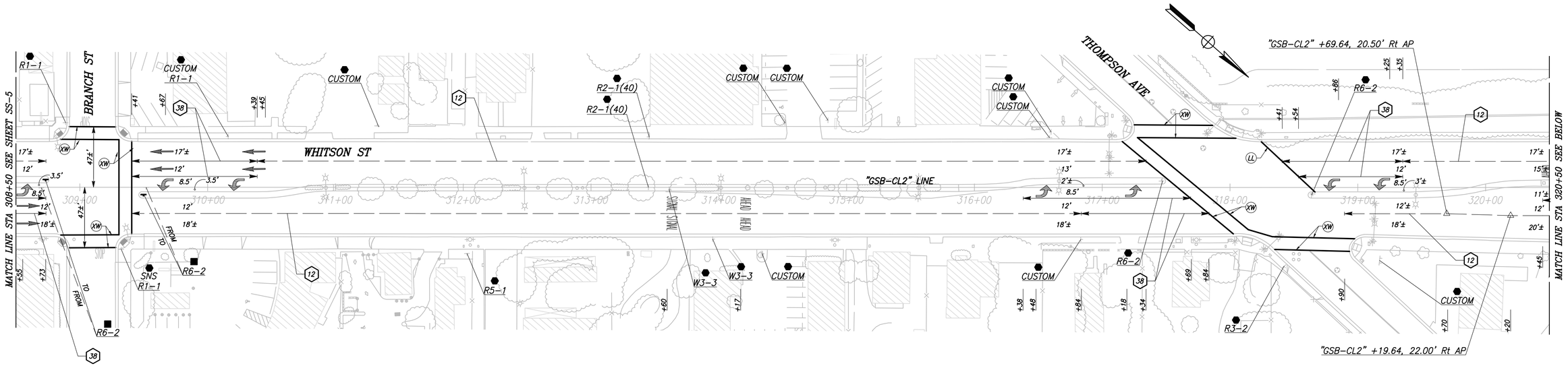
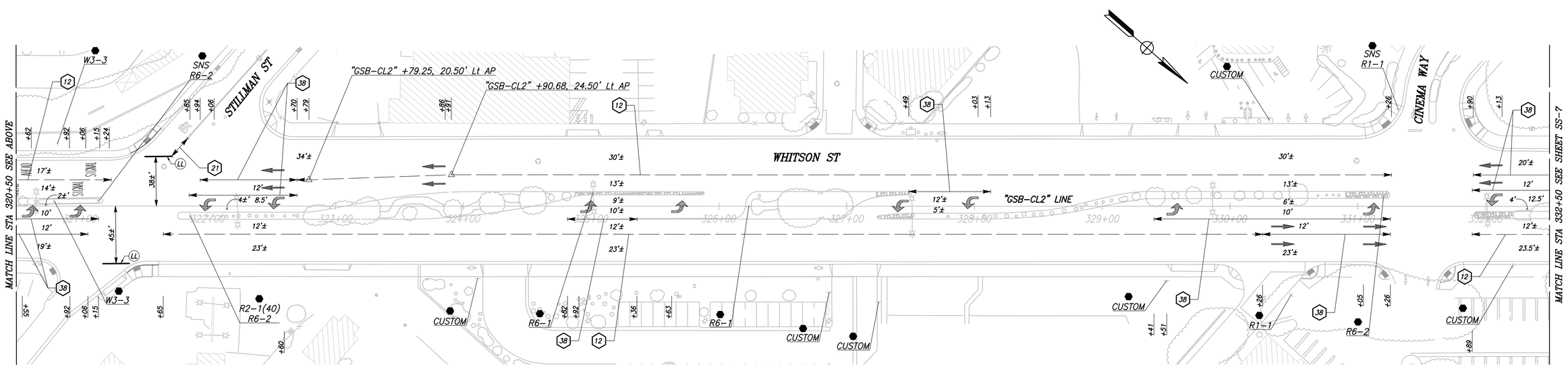


CITY OF SELMA

GOLDEN STATE BLVD

SCALE: 1" = 40'



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DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

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811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR G. NUREGA No. 71555 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-6 SHEET NO. 104 TOTAL 154

PLOT DATE:3/12/2021 2:01:43 PM CAD USER: ESEPULVEDA

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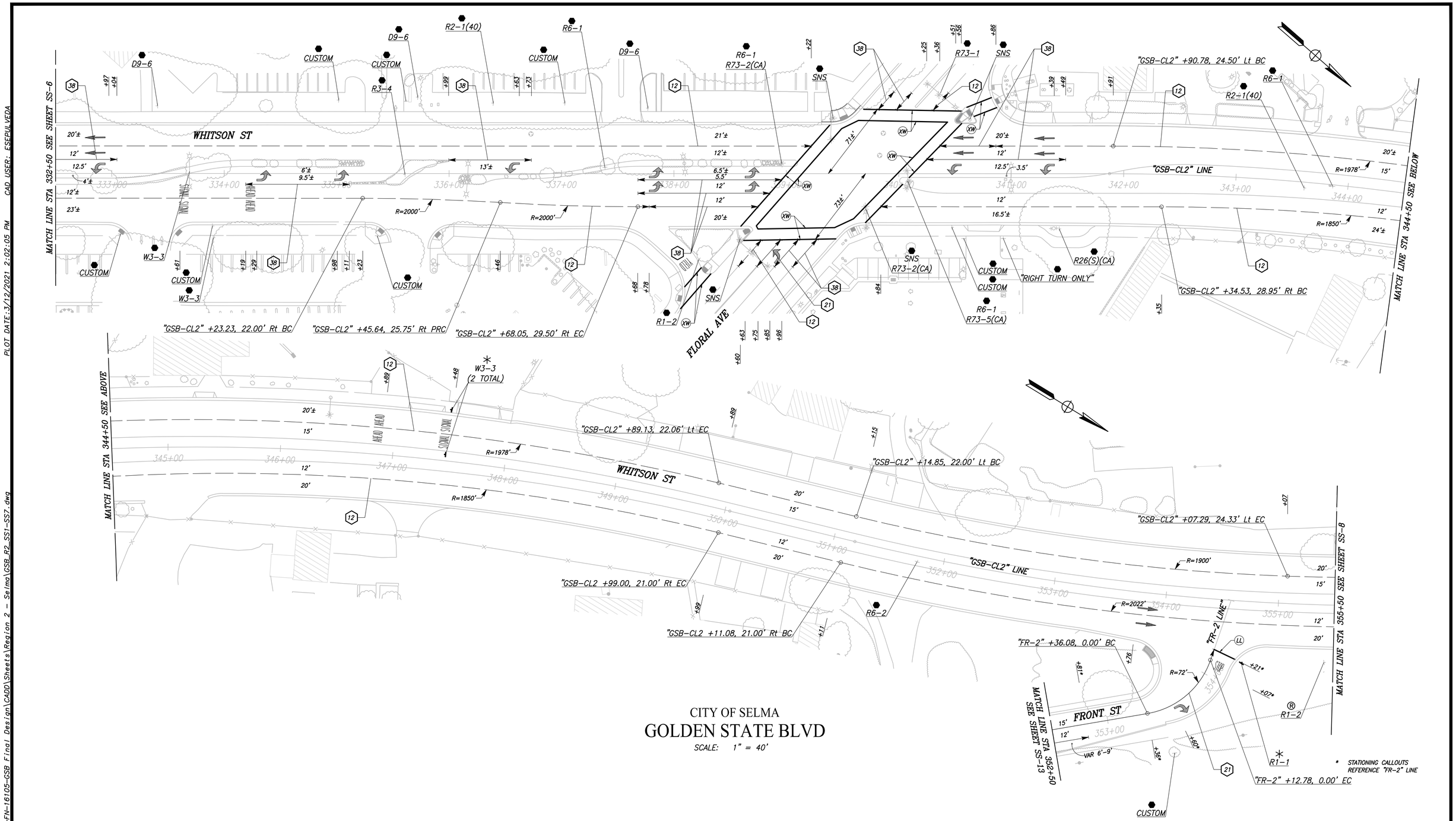

CITY OF SELMA

GOLDEN STATE BLVD

SCALE: 1" = 40'

* STATIONING CALLOUTS REFERENCE "FR-2" LINE

	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

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811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDWARD L. NEGRETE No. 55... EXP. 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA — CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-7 SHEET NO. 105 TOTAL 154

PLOT DATE:3/12/2021 2:02:05 PM CAD USER: ESEPULVEDA

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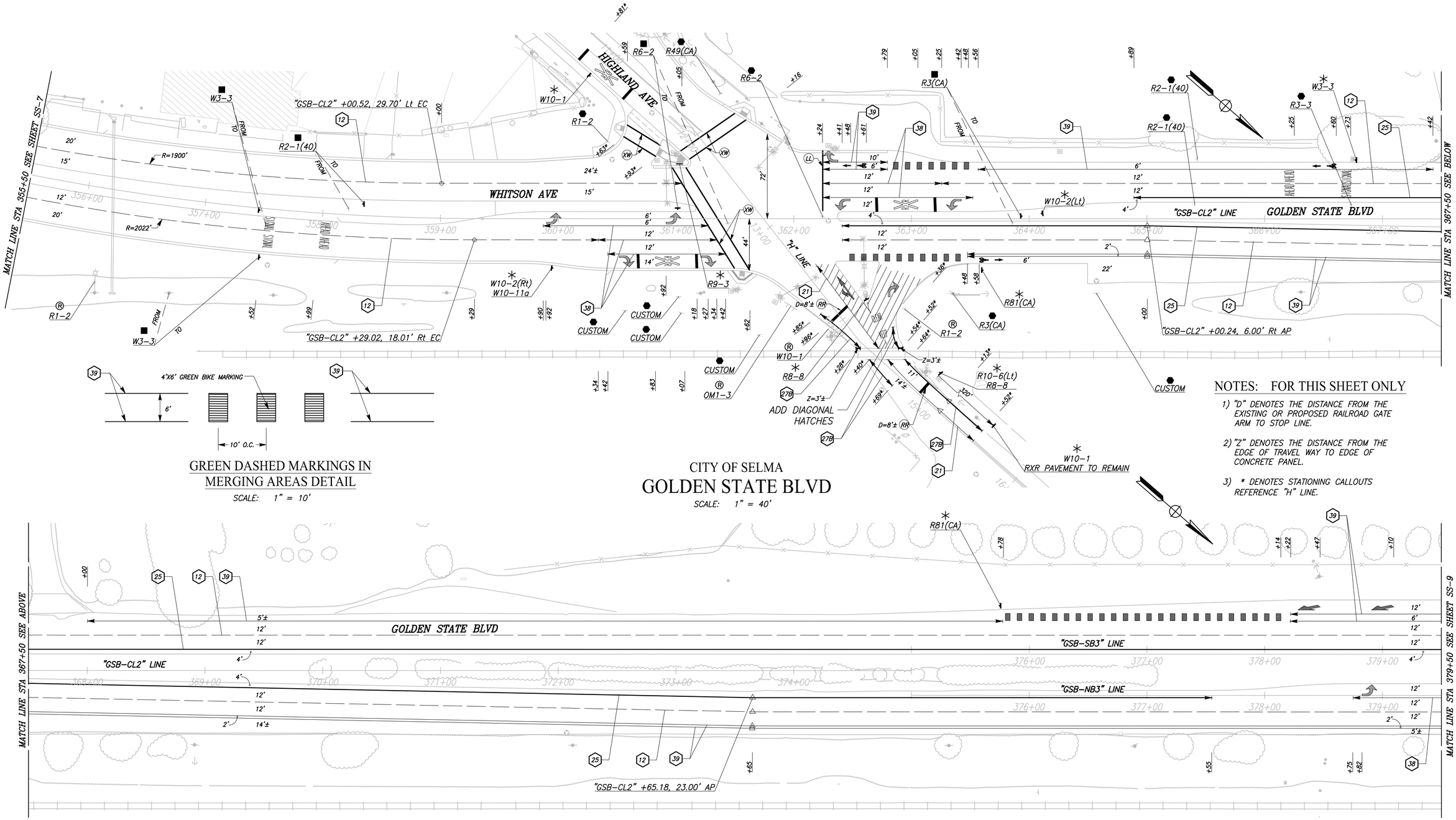

GREEN DASHED MARKINGS IN MERGING AREAS DETAIL

SCALE: 1" = 10'

CITY OF SELMA

GOLDEN STATE BLVD

SCALE: 1" = 40'

NOTES: FOR THIS SHEET ONLY

1) "D" DENOTES THE DISTANCE FROM THE EXISTING OR PROPOSED RAILROAD GATE ARM TO STOP LINE.

2) "Z" DENOTES THE DISTANCE FROM THE EDGE OF TRAVEL WAY TO EDGE OF CONCRETE PANEL.

3) * DENOTES STATIONING CALLOUTS REFERENCE "H" LINE.

	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER CESAR G. MENEGAS No. 71553 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-8 SHEET NO. 106 TOTAL 154

PLOT DATE: 3/12/2021 2:02:57 PM CAD USER: THARDY

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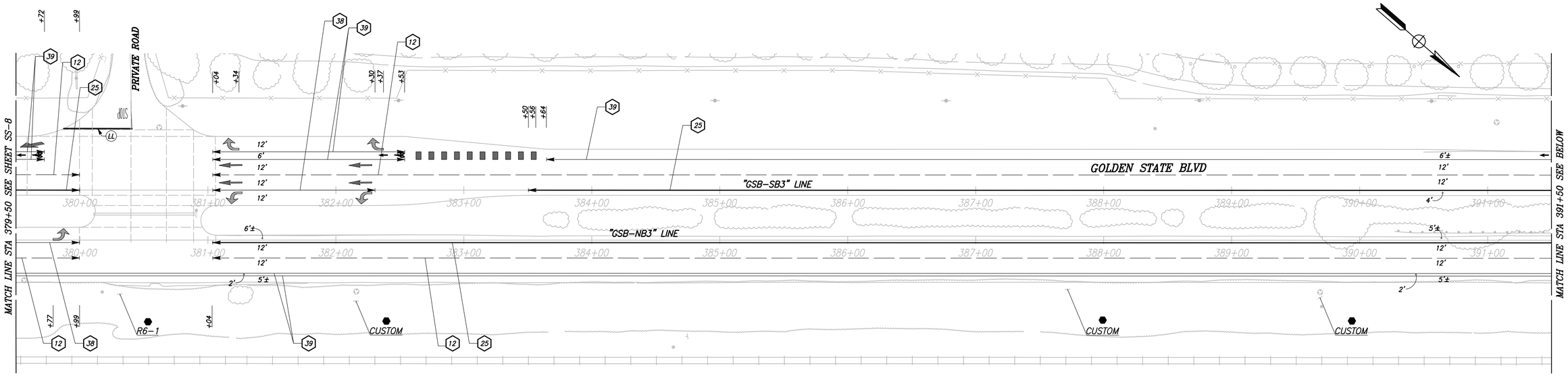
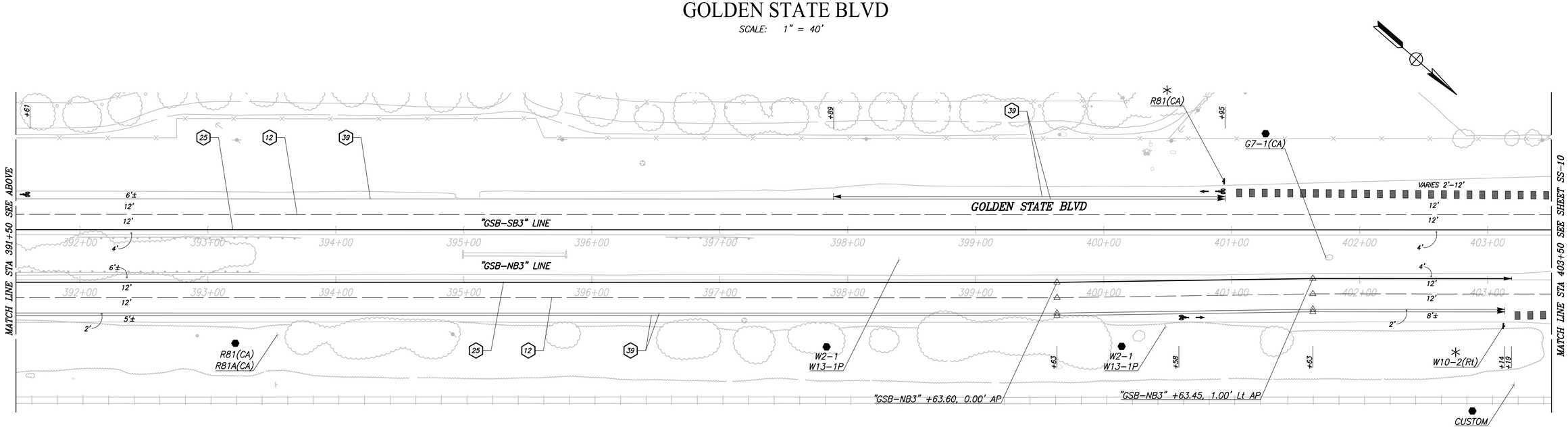


CITY OF SELMA

GOLDEN STATE BLVD

SCALE: 1" = 40'



	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

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811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STAMP

REGISTERED PROFESSIONAL ENGINEER EDGAR G. NUEREGA No. 71555 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-9 SHEET NO. 107 TOTAL 154

PLOT DATE:3/12/2021 2:03:16 PM CAD USER: THARDY

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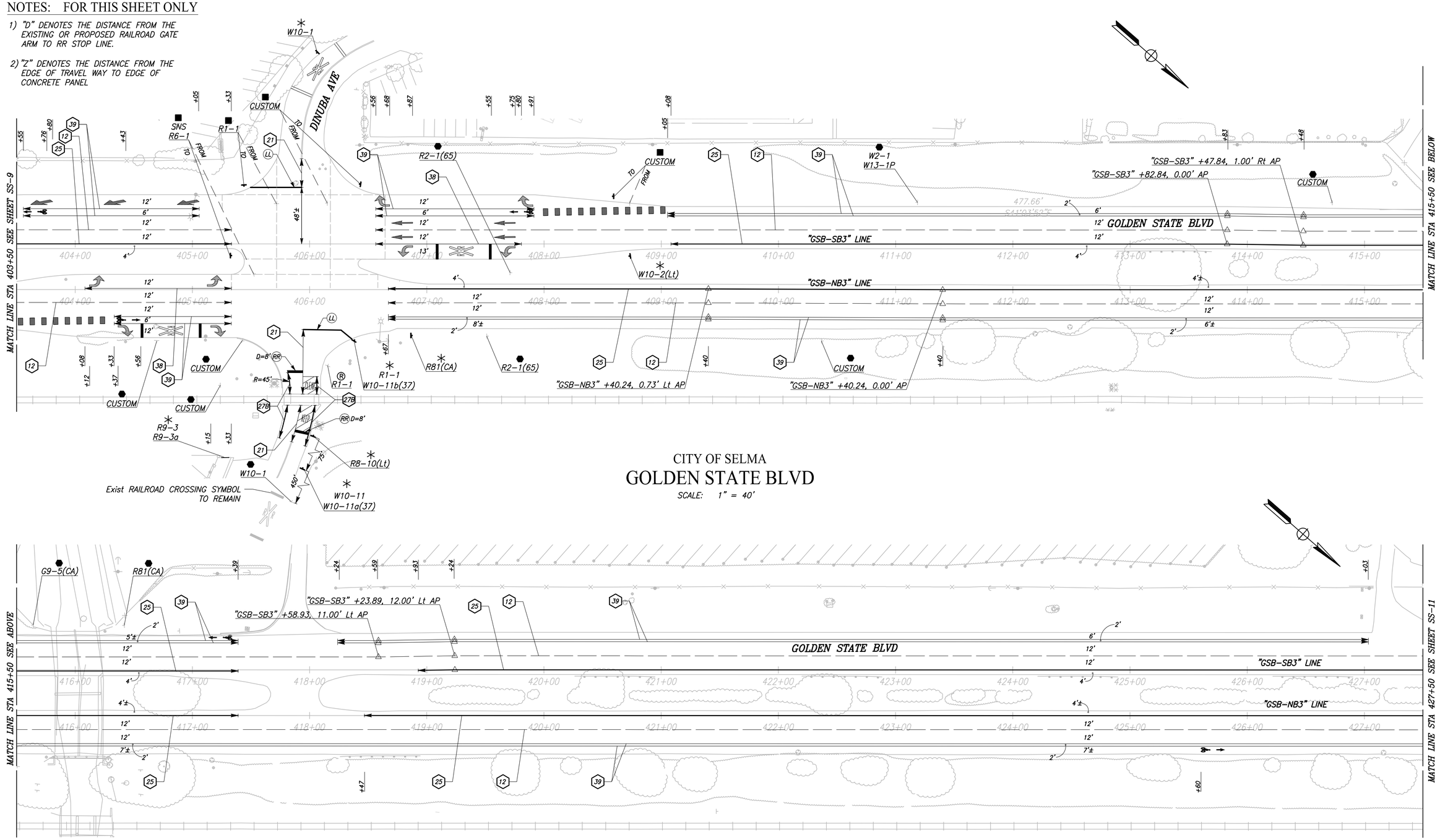
NOTES: FOR THIS SHEET ONLY

1) "D" DENOTES THE DISTANCE FROM THE EXISTING OR PROPOSED RAILROAD GATE ARM TO RR STOP LINE.

2) "Z" DENOTES THE DISTANCE FROM THE EDGE OF TRAVEL WAY TO EDGE OF CONCRETE PANEL



CITY OF SELMA

GOLDEN STATE BLVD

SCALE: 1" = 40'

	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

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811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR G. NERGAL No. 55... EXP. 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-10 SHEET NO. 108 TOTAL 154

PLOT DATE:3/12/2021 2:03:36 PM CAD USER: THARDY

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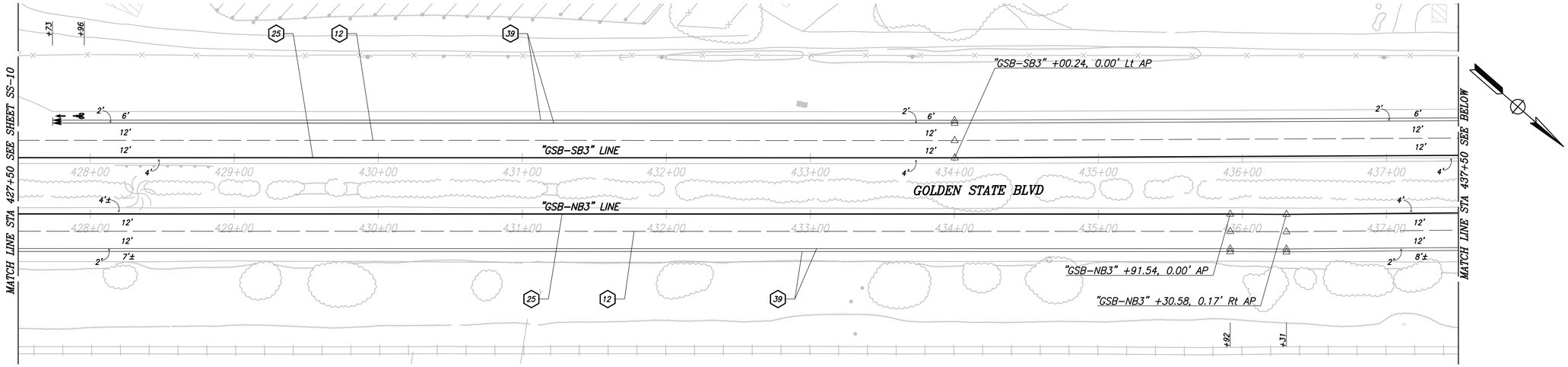


CITY OF SELMA

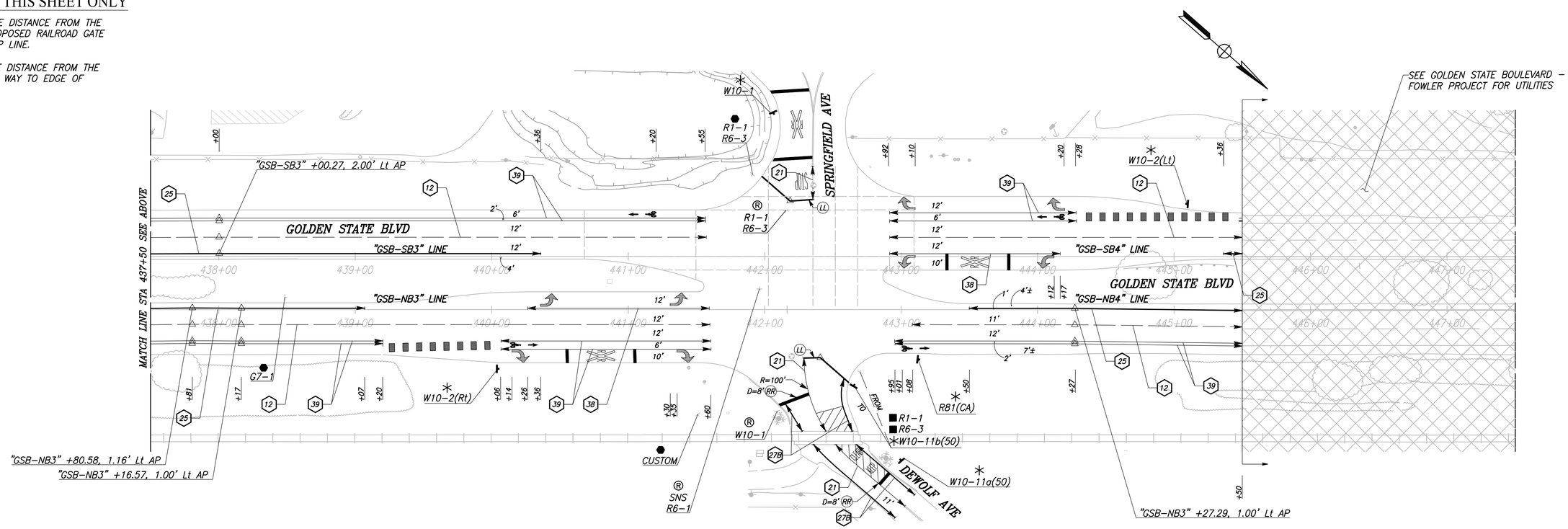
GOLDEN STATE BLVD

SCALE: 1" = 40'

NOTES: FOR THIS SHEET ONLY

1) "D" DENOTES THE DISTANCE FROM THE EXISTING OR PROPOSED RAILROAD GATE ARM TO RR STOP LINE.

2) "Z" DENOTES THE DISTANCE FROM THE EDGE OF TRAVEL WAY TO EDGE OF CONCRETE PANEL



	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

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811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR G. NUEGA No. 55 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA — AGRICULTURAL CAPITAL OF THE WORLD — INCORPORATED MARCH 1, 1893 — CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-11 SHEET NO. 109 TOTAL 154

PLOT DATE:3/12/2021 2:03:55 PM CAD USER: THARDY

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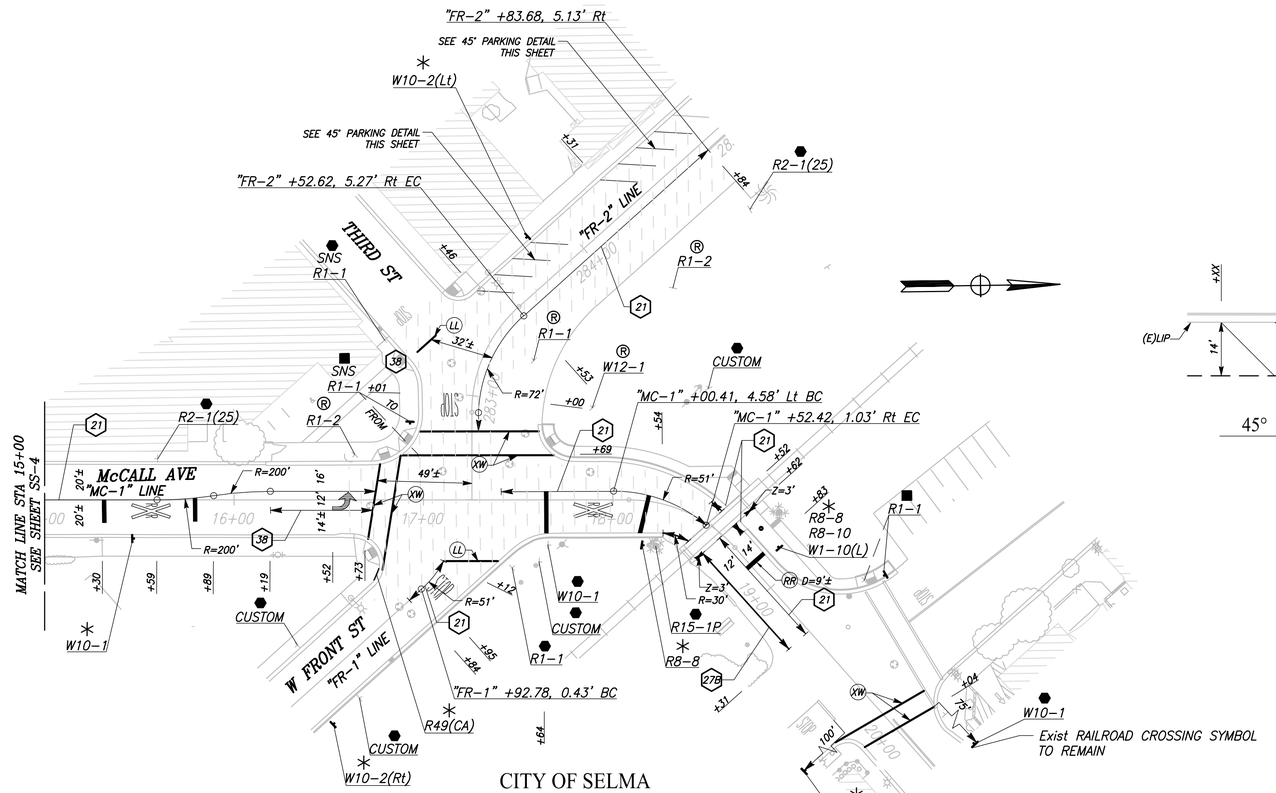
NOTES: FOR THIS SHEET ONLY

1) "D" DENOTES THE DISTANCE FROM THE EXISTING OR PROPOSED RAILROAD GATE ARM TO RR STOP LINE.

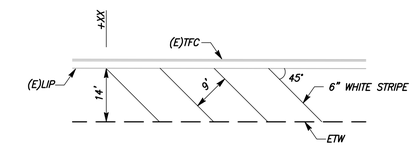
2) "Z" DENOTES THE DISTANCE FROM THE EDGE OF TRAVEL WAY TO EDGE OF CONCRETE PANEL



CITY OF SELMA

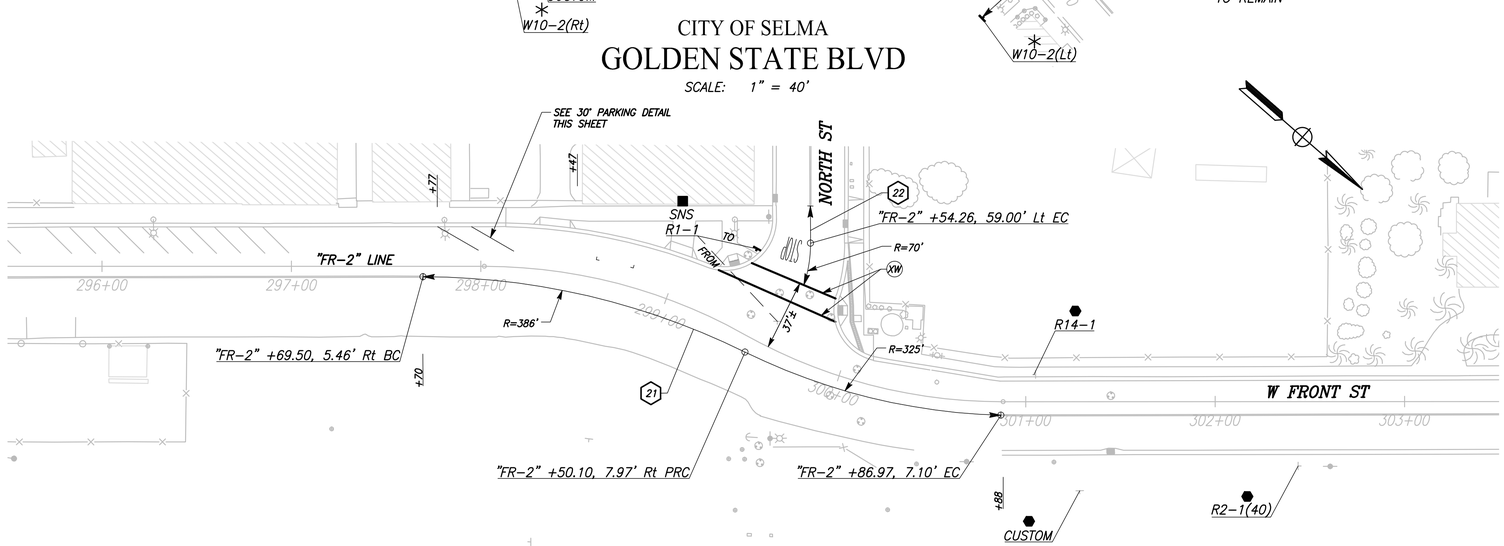
GOLDEN STATE BLVD

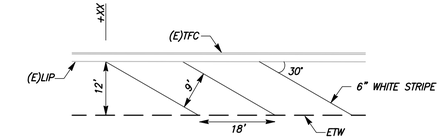
SCALE: 1" = 40'



45° PARKING DETAIL

NTS





30° PARKING DETAIL

NTS

	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

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811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDWARD L. NEGRETE No. 55... EXP. 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA CALIFORNIA

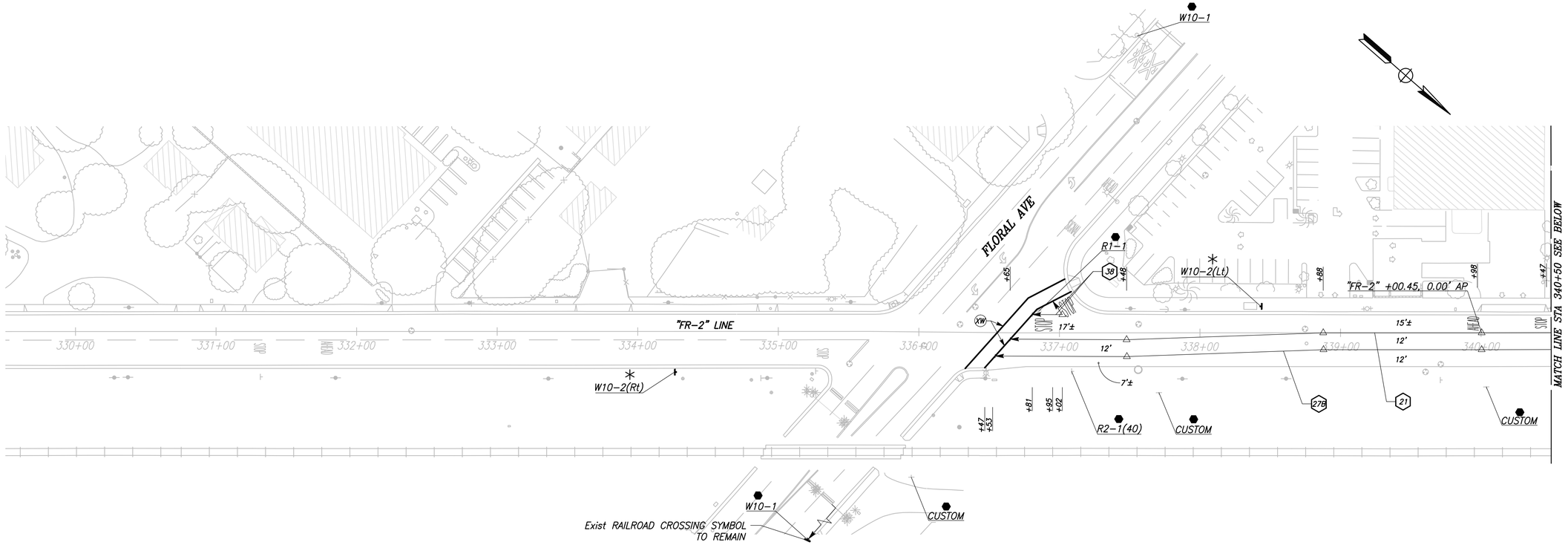
DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-12 SHEET NO. 110 TOTAL 154

PLOT DATE: 3/12/2021 2:04:16 PM CAD USER: THARDY

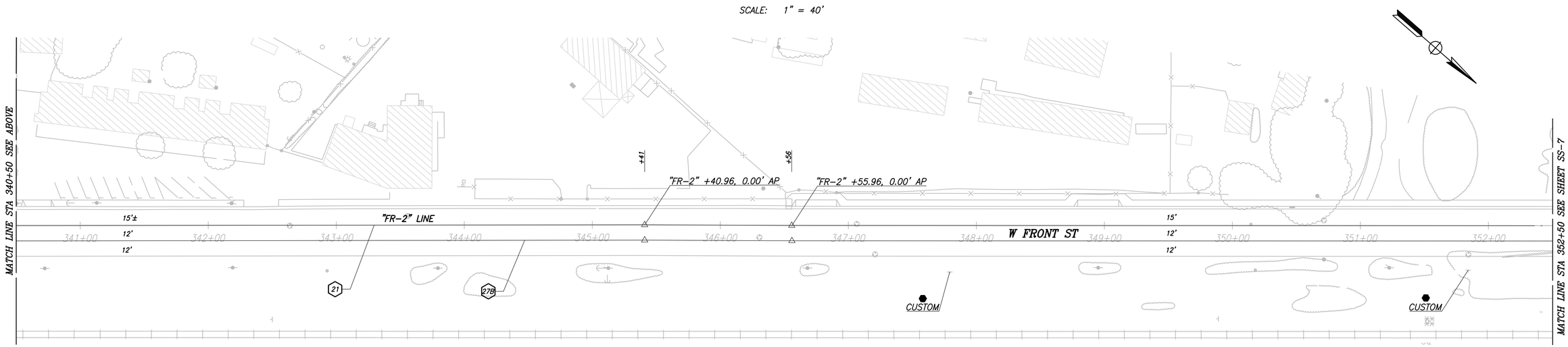
PATH: J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 2 - Selma\GSB_R2_SSB-SS13.dwg



CITY OF SELMA

GOLDEN STATE BLVD

SCALE: 1" = 40'



	DATE	RECORD DRAWING	
DESIGNED: CYNTHIA HORNER	3/12/2021	RESIDENT ENGINEER	DATE
DRAWN: DEREK MAXWELL	3/12/2021		
CHECKED: JAMES POLFER	3/12/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

MARK THOMAS

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER EDGAR A. NARIEGA No. 71555 Exp. 6/30/21 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

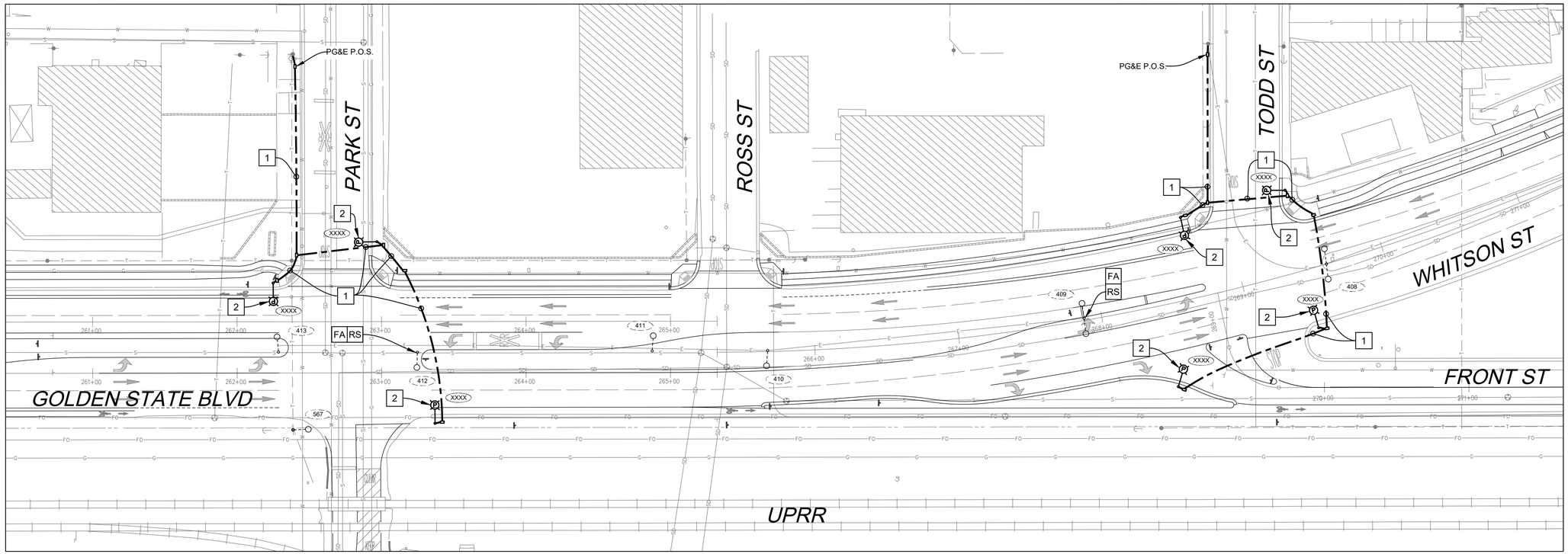
DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

DRAWING NO. SS-13 SHEET NO. 111 TOTAL 154

PLOT DATE:3/12/2021 2:04:37 PM CAD USER: THARDY

PATH:J:\Fresno COG-FN-16105-GSB Final Design\CADD\Sheets\Region 2 - Selma\GSB_R2_SSB-SS13.dwg



STREET LIGHTING LEGEND (SHEETS E-1 THROUGH E-3 ONLY):

- EXISTING LUMINIAIRE.
- PG&E STREET LIGHT PER STANDARD DRAWING NUMBER 015136.
- INSTALL 3½ PULL BOX UNLESS OTHERWISE NOTED.
- XXXX — EXISTING STREET LIGHT NUMBER.
- XXXX — CONTRACTOR SHALL PROVIDE AN AS-BUILT WITH THE PG&E STREET LIGHT NUMBER.
- FA — FOUNDATION TO BE ABANDONED. REMOVE TOP OF FOUNDATION TO A POINT 36" BELOW THE FINISH GRADE.
- RS — REMOVE AND SALVAGE EQUIPMENT.

CONSTRUCTION NOTES (SHEETS E-1 THROUGH E-3 ONLY):

1. FURNISH AND INSTALL 2"C SCHEDULE 80 PVC. UPON INSPECTION AND APPROVAL BY PG&E, PG&E WILL INSTALL LIGHTING CONDUCTORS.
2. FURNISH AND INSTALL THE STREET LIGHT ANCHOR BOLTS AND LIGHTING FOUNDATION PURSUANT TO PG&E STREET LIGHTING STANDARD DRAWING NUMBER 015136. ALL STREET LIGHTING CONDUITS AND PULL BOXES REQUIRE THE INSPECTION OF PG&E AND THE CITY OF SELMA. PG&E TO FURNISH AND INSTALL THE STREET LIGHT STANDARD, LUMINAIRE MAST ARM AND LUMINAIRE.
3. FURNISH AND INSTALL 4"C, 2 #6 (LTG), 1 #8 (BOND).
4. FURNISH AND INSTALL 2"C, 2 #6 (LTG), 1 #8 (BOND).
5. FURNISH AND INSTALL TYPE III-AF SERVICE ENCLOSURE (TESCO 26-100 OR APPROVED EQUAL). CONTRACTOR SHALL COORDINATE WITH PG&E FOR THE POINT OF SERVICE CONNECTION AND METER SET.
6. FURNISH AND INSTALL 2"C, 3 #2 (SERVICE).

PROJECT NOTES (SHEETS E-1 THROUGH E-3 ONLY):

1. ALL WORK SHALL CONFORM TO APPLICABLE SECTIONS OF THE LATEST EDITION OF THE STATE OF CALIFORNIA "STANDARD SPECIFICATIONS", ISSUED BY THE CALIFORNIA DEPARTMENT OF TRANSPORTATION, THE NATIONAL ELECTRICAL CODE.
2. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL PROVIDE AN AS-BUILT WITH THE PG&E STREET LIGHT NUMBERS.

N

0 40' 80'

SCALE: 1"=40'

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

JLB TRAFFIC ENGINEERING, INC.
516 W. SHAW AVE., STE. 103
FRESNO, CA 93704
PHONE:(559) 570-8991
EMAIL: info@JLBtraffic.com

PRELIMINARY
NOT FOR CONSTRUCTION
TENTATIVE PLANS FOR REVIEW ONLY
SUPERVISING ENGINEER DATE

STUART D. RIOS REGISTERED PROFESSIONAL ENGINEER No. 80071 Exp. 6/30/22 CIVIL STATE OF CALIFORNIA

PROJECT
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS
SELMA REGION

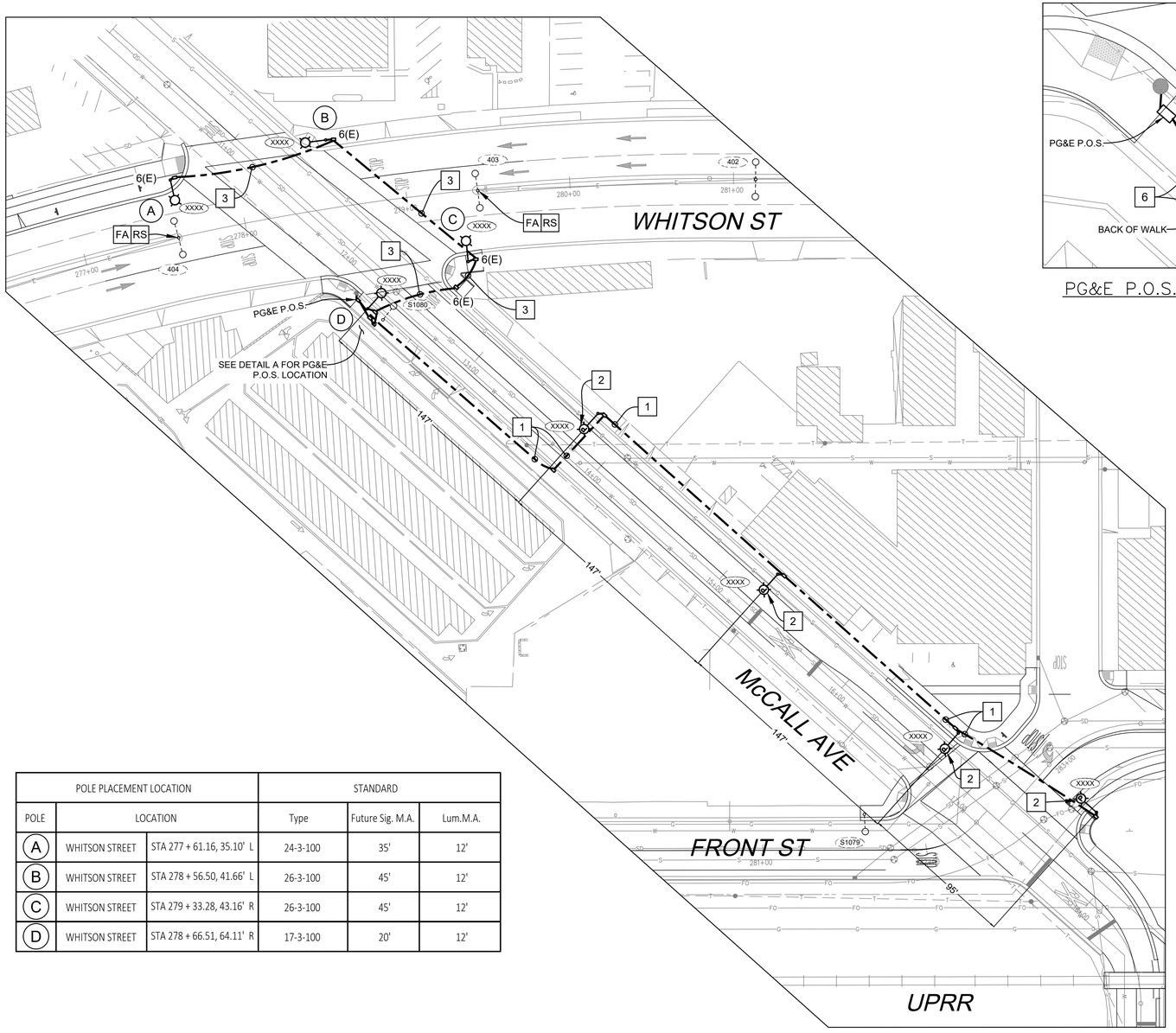
CITY of SELMA CALIFORNIA

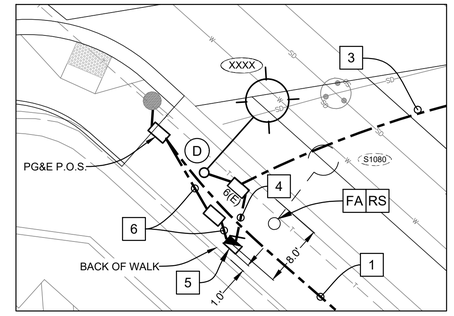
DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BOULEVARD
STREET LIGHTING PLAN

DRAWING NO. E-1 SHEET NO. 112 TOTAL 154

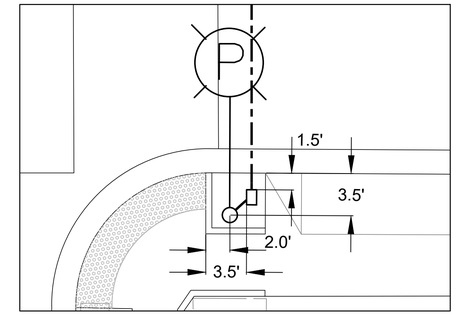
PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Street Lighting Designs\Design\Selma\009-009 Golden State PS&E - Selma Lighting.dwg
PLOT DATE: 2/23/2021 2:29:16 PM
CAD USER: CAYALA





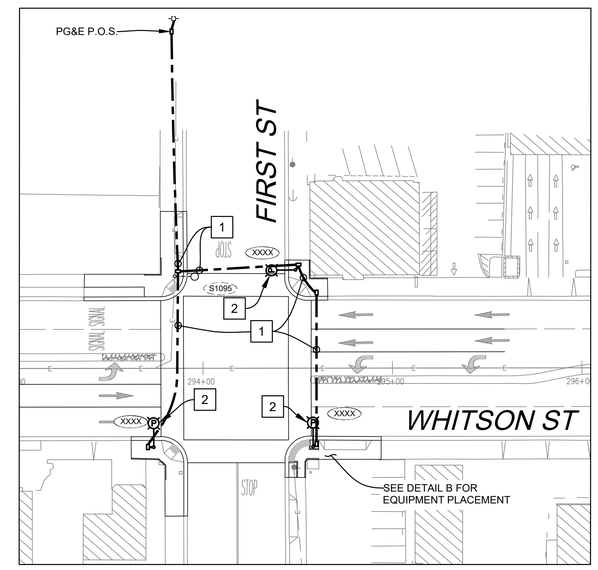
PG&E P.O.S. LOCATION – DETAIL A

NO SCALE



EQUIPMENT PLACEMENT – DETAIL B

NO SCALE



POLE PLACEMENT LOCATION			STANDARD		
POLE	LOCATION		Type	Future Sig. M.A.	Lum.M.A.
A	WHITSON STREET	STA 277 + 61.16, 35.10' L	24-3-100	35'	12'
B	WHITSON STREET	STA 278 + 56.50, 41.66' L	26-3-100	45'	12'
C	WHITSON STREET	STA 279 + 33.28, 43.16' R	26-3-100	45'	12'
D	WHITSON STREET	STA 278 + 66.51, 64.11' R	17-3-100	20'	12'

0 40' 80'

SCALE: 1"=40'

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

JLB TRAFFIC ENGINEERING, INC.
516 W. SHAW AVE., STE. 103
FRESNO, CA 93704
PHONE:(559) 570-8991
EMAIL: info@JLBtraffic.com

PRELIMINARY
NOT FOR CONSTRUCTION
TENTATIVE
SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER JOSE LUIS BENAVIDES No. 93721 Exp. 6/30/22 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

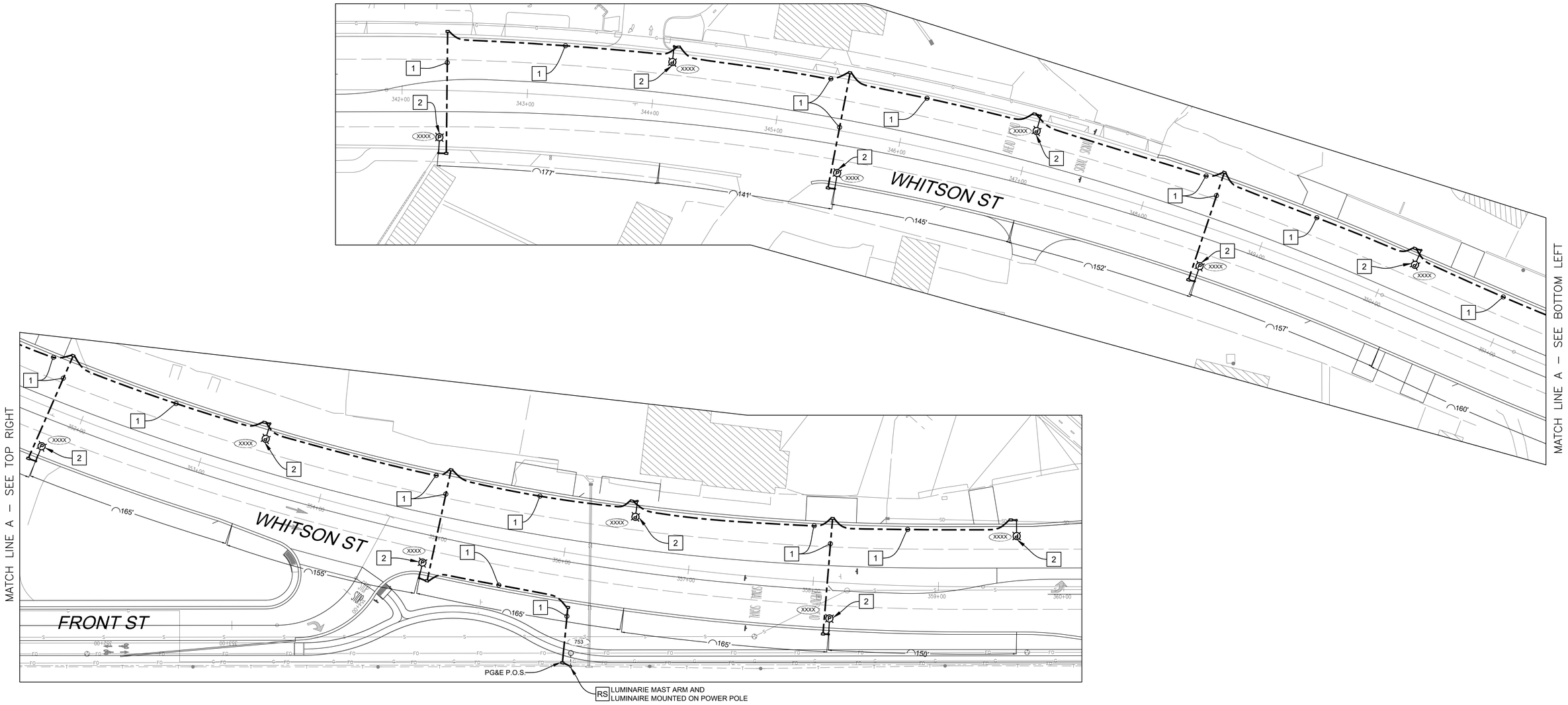
CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BOULEVARD
STREET LIGHTING PLAN

DRAWING NO. E-2 SHEET NO. 113 TOTAL 154

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Street Lighting Designs\Design\Selma\009-009 Golden State PS&E - Selma Lighting.dwg PLOT DATE: 2/23/2021 4:45:37 PM CAD USER: CAYALA



0 40' 80'

SCALE: 1"=40'

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

JLB TRAFFIC ENGINEERING, INC.
516 W. SHAW AVE., STE. 103
FRESNO, CA 93704
PHONE:(559) 570-8991
EMAIL: info@JLBtraffic.com

PRELIMINARY
NOT FOR CONSTRUCTION
TENTATIVE
SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER LUIS R. RIOS No. 81001 Exp. 06/30/22 CIVIL STATE OF CALIFORNIA

PROJECT
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS
SELMA REGION

CITY of SELMA CALIFORNIA

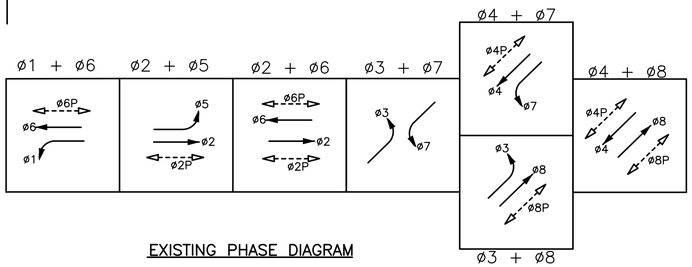
DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BOULEVARD
STREET LIGHTING PLAN

DRAWING NO. E-3 SHEET NO. 114 TOTAL 154

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Street Lighting Designs\Design\Selma\009-009 Golden State PS&E – Selma Lighting.dwg PLOT DATE: 2/23/2021 2:30:24 PM CAD USER: CAYALA

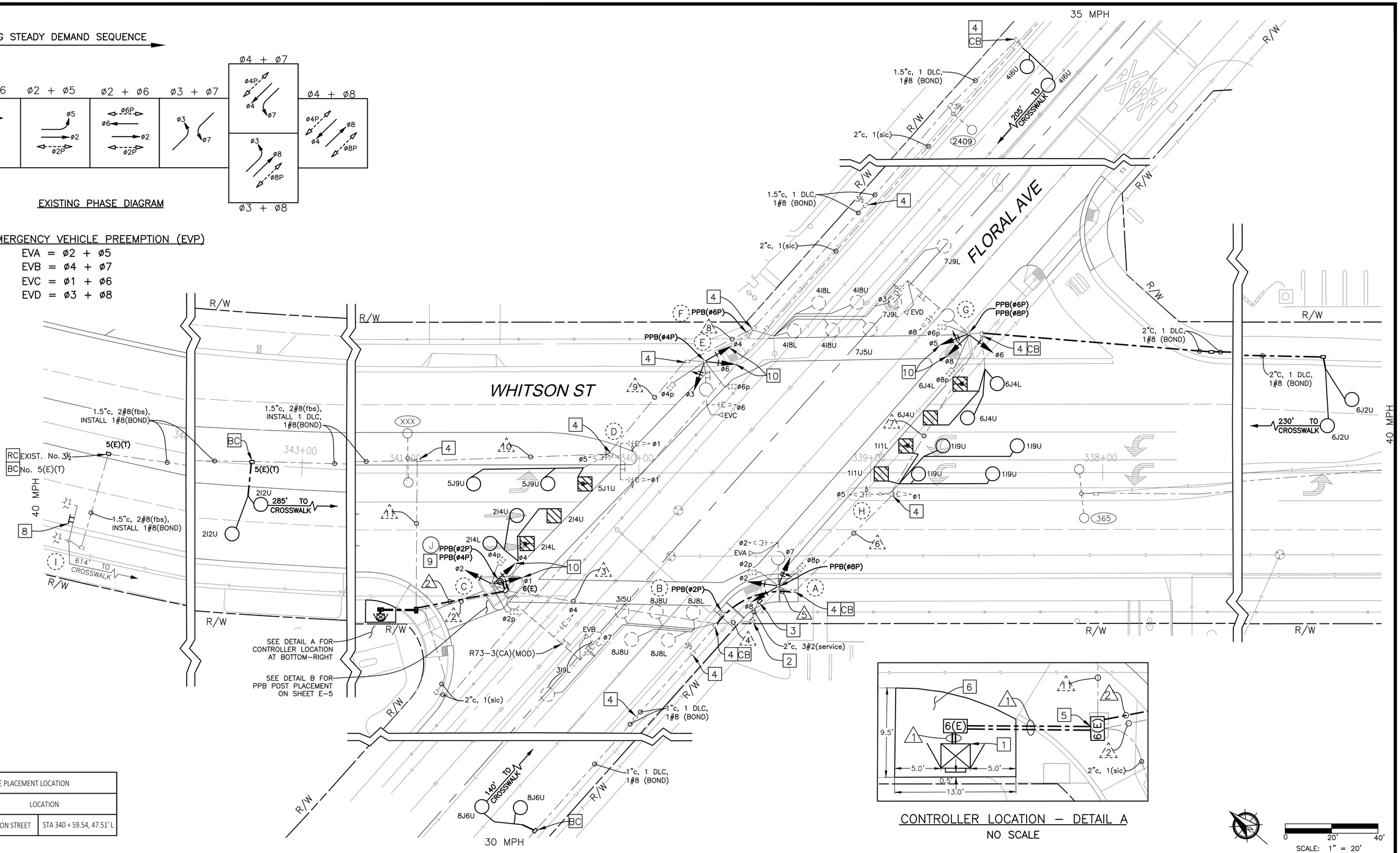
EXISTING STEADY DEMAND SEQUENCE



EXISTING PHASE DIAGRAM

EMERGENCY VEHICLE PREEMPTION (EVP)

EVA = ø2 + ø5
EVB = ø4 + ø7
EVC = ø1 + ø6
EVD = ø3 + ø8



CONTROLLER LOCATION – DETAIL A
NO SCALE

	POLE PLACEMENT LOCATION	
POLE	LOCATION	
J	WHITSON STREET	STA 340 + 59.54, 47.51' L

SCALE: 1" = 20'

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

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JLB TRAFFIC ENGINEERING, INC.
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FRESNO, CA 93704
PHONE:(559) 570-8991
EMAIL: info@JLBtraffic.com

TENTATIVE PLANS FOR DESIGN
SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER No. 80071 02/23/2022 CIVIL STATE OF CALIFORNIA

PROJECT
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS
SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING
WHITSON ST AT FLORAL AVE
TRAFFIC SIGNAL PLAN

DRAWING NO. E-4 SHEET NO. 115 TOTAL 154

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\2a. Whitson at Floral Ave\Whitson at Floral Ave.dwg PLOT DATE: 2/23/2021 4:06:32 PM CAD USER: CAYALA

PROJECT NOTES (SHEETS E-4 TO E-7 ONLY):

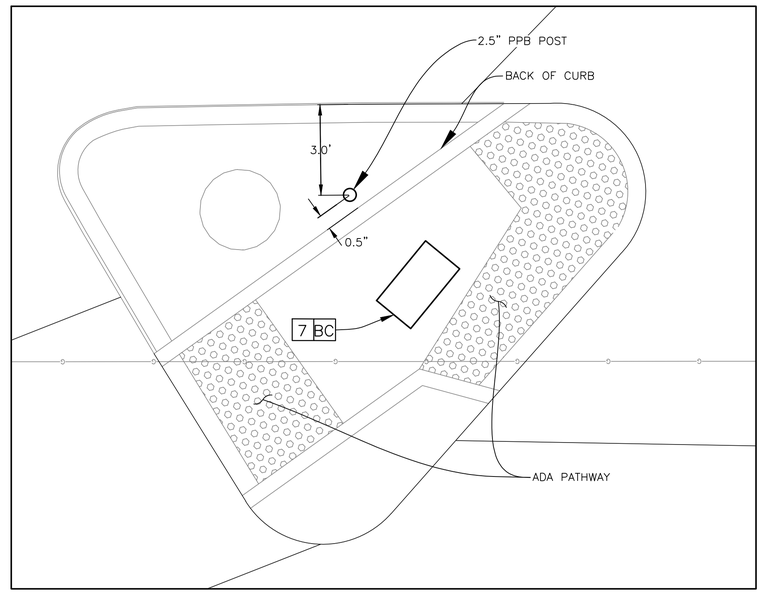
1. FURNISH AND INSTALL TYPE 2070LX (76.13P FIRMWARE) AND NEW 332L CABINET WITH ALL ANCILLARY DEVICES FOR A FULL EIGHT PHASE OPERATION. FRONT DOOR OF CABINET SHALL FACE NORTHWEST. FURNISH AND INSTALL NEW BATTERY BACK-UP SYSTEM PER THE STATE SPECIAL PROVISIONS. BATTERY BACK-UP EXTERNAL CABINET SHALL BE ON THE SOUTHWEST SIDE OF THE CONTROLLER ASSEMBLY.
2. EXISTING SERVICE CABINET.
3. EXISTING PG&E POINT OF SERVICE. COORDINATE WITH PG&E TO MATCH NEW GRADE.
4. RS EXISTING PULL BOX LID AND INSTALL VANDAL RESISTANT PULL BOX LID.
5. RC TWO EXISTING 5(e) PULL BOXES AND BC ONE No. 6(E) PULL BOX.
6. INSTALL 111 SQUARE FEET OF 3.5" PCC PAD.
7. RS EXISTING 5(e) PULL BOX AND BC No. 6(E) PULL BOX. NEW PULL BOX SHALL CONFORM TO PROPOSED GRADE AND NOT HAVE ANY PORTION OF IT ENCROACH ONTO THE TRUNCATED DOMES.
8. INSTALL W3-3 SIGN ON SMA COMPLETE WITH MOUNTING HARDWARE.
9. 2 ½" PPB POST SHALL BE INSTALLED PURSUANT TO DETAIL B ON THIS SHEET AND DETAIL B OF CALTRANS STANDARD PLANS ES-7A.
10. INSTALL DIRECTIONAL LOUVERS TO ENSURE THAT THE VEHICULAR SIGNAL HEAD IS ONLY VISIBLE TO TRAFFIC IT IS INTENDED FOR.

LEGEND (FOR SHEETS E-4 TO E-7 ONLY):

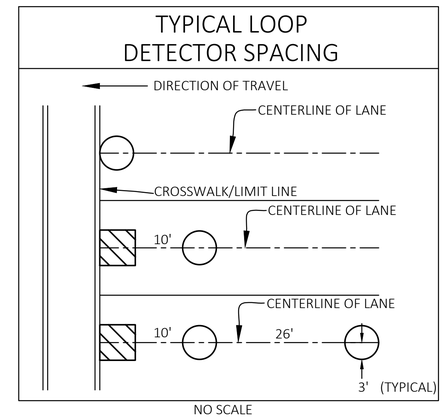
- TYPE E CIRCULAR LOOP DETECTOR CONFIGURATION PER STATE STANDARD PLAN ES-5B. LOOP SEALANT SHALL BE STATE APPROVED ELASTOMERIC SEALANT OR HOT MELT RUBBERIZED.
- EXISTING TYPE E LOOP DETECTOR.
- TYPE D RECTANGULAR LOOP DETECTOR CONFIGURATION PER STATE STANDARD PLAN ES-5B. LOOP SEALANT SHALL BE STATE APPROVED ELASTOMERIC SEALANT OR HOT MELT RUBBERIZED. BICYCLE DETECTOR SYMBOL TO BE INSTALLED PER CALTRANS STANDARD PLAN A24-C ON CENTER OF THE DETECTOR. ARROW SIGNIFIES DIRECTION OF TRAVEL.
- EXISTING TYPE A LOOP DETECTOR.
- EXISTING EMERGENCY VEHICLE PREEMPTION (EVP DETECTION UNIT) EVA (DENOTES CHANNEL).
- NEW CONDUIT
- EXISTING CONDUIT
- EXISTING LUMINAIRE POLE
- EXISTING DOUBLE LUMINAIRE POLE
- AB ABANDON, IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.
- RS REMOVE AND SALVAGE EQUIPMENT.
- RC EQUIPMENT OR MATERIAL TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- FA FOUNDATION TO BE ABANDONED. REMOVE TOP OF FOUNDATION TO A POINT 24" BELOW THE ADJACENT PROPOSED PAVING GRADE.
- CC CONNECT NEW AND EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS AND INSTALL CONDUCTORS AS INDICATED.
- CB INSTALL NEW CONDUIT INTO EXISTING PULL BOX.
- BC INSTALL PULL BOX IN EXISTING CONDUIT RUN.

CONSTRUCTION NOTES (SHEETS E-4 TO E-7 ONLY):

1. ALL PULL BOXES ACCESSED BY CONTRACTOR SHALL BE CLEANED OF ALL DIRT AND DEBRIS, ANY CRACKS GROUTED AND ALL CONDUITS DUCT SEALED.
2. REPLACE ALL PULLBOXES IN DIRT AREAS WITH TRAFFIC RATED PULLBOXES.
3. ALL PULLBOXES SHALL BE LEVELED TO FINISH GRADE (NEW AND EXISTING).
4. ALL PULLBOXES IN DIRT AREAS SHALL HAVE 1' COLLAR PER GENERAL NOTE 10 (NEW AND EXISTING).
5. ANY BROKEN/DAMAGED PULLBOXES SHALL BE REPLACED.
6. ALL PULLBOXES SHALL HAVE LOCKING LIDS. TRAFFIC RATED LIDS SHALL BE WELDED CLOSED AFTER FINAL INSPECTION.
7. ALL UNUSED CONDUCTORS SHALL BE REMOVED.



PPB POST PLACEMENT – DETAIL B
NO SCALE



TYPICAL LOOP DETECTOR PLACEMENT – DETAIL C
NO SCALE

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

JLB TRAFFIC ENGINEERING, INC.
516 W. SHAW AVE., STE. 103
FRESNO, CA 93704
PHONE:(559) 570-8991
EMAIL: info@JLBtraffic.com

TENTATIVE PLANS FOR DESIGN
SUPERVISING ENGINEER DATE

STUART D. JONES REGISTERED PROFESSIONAL ENGINEER No. 60071 Exp. 06/30/22 CIVIL STATE OF CALIFORNIA

PROJECT
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS
SELMA REGION

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING
WHITSON ST AT FLORAL AVE
DETAILS AND NOTES

DRAWING NO. E-5 SHEET NO. 116 TOTAL 154

PATH:Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\2g. Whitson at Floral Ave\Whitson at Floral Ave.dwg PLOT DATE:2/23/2021 4:50:25 PM CAD USER: CAYALA

CONDUCTOR SCHEDULE

AWG OR CABLE	POLE	Ø	CONDUIT RUN NUMBER AND SIZE												
			1	2	2	3	4	5	6	7	8	9	10	11
			2-4"	3"	4"	3"	1.5"	4"	2.5"	2"	1.5"	2.5"	2.5"	2.5"
CONDUIT FILL			19%	16%	18%	36%	17%	17%	31%	33%	24%	26%	33%	34%
7 COND. CABLE (VEH.) *	A	2,7,8 / 2P,8P	2 / 1		2 / 1	2 / 1		2 / 1						
	C	1,2,4,7 / 2P,4P	2 / 1		2 / 1									
	D	1,5 / -	1 / -										1 / -	1 / -
	E	3,4,6 / 4P,6P	2 / 1									2 / 1	2 / 1	2 / 1
5 COND. CABLE (PED) *	G	3,5,6,8 / 6P,8P	2 / 1		2 / 1	2 / 1		2 / 1	2 / 1	2 / 1				
	H	1,5 / -	1 / -		1 / -	1 / -		1 / -	1 / -					
TOTAL			10 / 4		7 / 3	5 / 2		5 / 2	3 / 1	2 / 1		2 / 1	3 / 1	3 / 1
3 COND. CABLE (PPB)	A	2P & 8P	1		1	1		1						
	C	2P & 4P	1		1									
	E	4P & 6P	1									1	1	1
	G	6P & 8P	1		1	1		1	1	1				
TOTAL			4		3	2		2	1	1		1	1	1
TYPE B DETECTOR LEAD-IN CABLE	Ø1		3	3		3		3	3					
	Ø2		3	2										1
	Ø3		2	2		2								
	Ø4		3								3	3	3	3
	Ø5		2										2	2
	Ø6		3	3		3		3	3	3				
	Ø7		2								2	2	2	2
	Ø8		3	3		3								
	PED PUSH BUTTON							1			1			
	TOTAL DLC		21	13		11		7	6	3	6	5	7	8
# 6	SIGNAL POWER		2	2		2	2							
# 8	SAFETY LIGHTS				2	2	2	2	2	2		2	2	2
# 8	BONDING WIRE		1	1	1	1	1	1	1	1	1	1	1	1
#10	110V NEUTRAL		2		1	1		1	1	1		1	1	1
#12	12V NEUTRAL		2		1	1		1	1	1		1	1	1
EVP CABLE 3 COND.	EVA (S/B)		1		1	1		1						
	EVB (W/B)		1		1									
	EVC (N/B)		1									1	1	1
	EVD (E/B)		1		1	1		1	1	1				

* NUMBER INDICATIONS ARE THE NUMBER OF CABLES WITHIN CONDUIT.
ALL CONDUCTORS ARE NEW UNLESS OTHERWISE INDICATED WITH "( )".

EQUIPMENT SCHEDULE

No.	STANDARD Type	STANDARD Sig. M.A.	STANDARD Lum.M.A.	VEH SIG MTG Mast Arm	VEH SIG MTG Pole	PED SIGNAL ø	PED SIGNAL MTG	PPB ø	PPB ARROW	HPS EQUIV. LUMINAIRE WATTAGE	PG&E POLE #	SPECIAL REQUIREMENTS
A	17–2–70	18'	12'	MAS	SV–3–T (N)	2 8	SP–2–T	8 (N)	LEFT (N)	73 LED	XXXX	REMOVE AND SALVAGE EXISTING PED PUSH BUTTON AND POLE MOUNTED VEHICLE HEADS. FURNISH AND INSTALL NEW PED PUSH BUTTON ASSEMBLY AND VEHICLE HEADS. EXISTING SNS "Floral" ON POLE AND EVA ON SMA TO REMAIN.
B	PPB POST (2½")	–	–	–	–	–	–	2 (N)	RIGHT (N)	–		REMOVE AND SALVAGE EXISTING PED PUSH BUTTON ASSEMBLY. FURNISH AND INSTALL NEW PED PUSH BUTTON ASSEMBLY.
C	29–5–70	50'	12'	MAT MAS	SV–3–T (N)	2 4	SP–2–T	–	–	XXXX	XXXX	REMOVE AND SALVAGE EXISTING PED PUSH BUTTONS. EXISTING SNS "Whitson" ON POLE AND R73-3 (CA)(MOD) AND EVB ON SMA TO REMAIN.
D	33	9' LEFT 5' RIGHT	–	MAS MAS	SV–1–T	–	–	–	–	–		REMOVE AND SALVAGE EXISTING PED PUSH BUTTON ASSEMBLY. EXISTING R73-5 (CA) SIGN ON EXISTING POLE TO REMAIN.
E	17–2–70	18'	12'	MAS	SV–3–T (N)	4 6	SP–2–T	4 (N)	LEFT (N)	XXXX	XXXX	REMOVE AND SALVAGE EXISTING PED PUSH BUTTON AND POLE MOUNTED VEHICLE HEADS. FURNISH AND INSTALL NEW PED PUSH BUTTON ASSEMBLY AND VEHICLE HEADS. EXISTING SNS "Floral" ON POLE AND EVC AND R73-2 (CA) SIGN ON EXISTING SMA TO REMAIN.
F	PPB POST	–	–	–	–	–	–	6 (N)	RIGHT (N)	–		REMOVE AND SALVAGE EXISTING PED PUSH BUTTON ASSEMBLY. FURNISH AND INSTALL NEW PED PUSH BUTTON ASSEMBLY.
G	24–3–70	35'	12'	MAT MAS	SV–3–T (N)	6 8	SP–2–T	(N) 6 (N) 8	(N)RIGHT (N) LEFT	61 LED	XXXX	REMOVE AND SALVAGE EXISTING PED PUSH BUTTONS. FURNISH AND INSTALL NEW PED PUSH BUTTON ASSEMBLIES. EXISTING SNS "Whitson"ON POLE AND R73-2 (CA)(MOD) SIGN AND EVD ON EXISTING SMA TO REMAIN.
H	1–A (10')	–	–	–	LT–2–T	–	–	–	–	–		REMOVE AND SALVAGE EXISTING PED PUSH BUTTON ASSEMBLY. EXISTING R73-2 (CA)(MOD) SIGN ON 1-A POLE TO REMAIN.
I	15–FBS	–	–	–		–	–	–	–	–		EXISTING FLASHING BEACON CONTROL ASSEMBLY ON POLE TO REMAIN. FURNISH AND INSTALL W3-3 SIGN ON SMA COMPLETE WITH MOUNTING HARDWARE.
J	PPB POST (2½")(N)	–	–	–	–	–	–	(N)2 (N)4	(N)LEFT (N)RIGHT	–		FURNISH AND INSTALL NEW PED PUSH BUTTON ASSEMBLY. 2 ½ PPB POST SHALL BE PERSUANT TO DETAIL B OF CALTRANS STANDARD PLANS ES-7A.

NOTES:
- ALL EQUIPMENT IS EXISTING UNLESS NOTED WITH (N).
- STREET NAME SIGNS SHALL BE WHITE LETTERS ON BLUE BACKGROUND 12" UPPERCASE 9" LOWERCASE, 4" BLOCK NUMBERS, 4" WIDE ARROWS, SERIES "D" TEXT ON TYPE XI DIAMOND GRADE SHEETING, 3M TYPE XI DG3 OR APPROVED EQUAL.

GENERAL NOTES:

1. WORK SHALL BE DONE IN ACCORDANCE WITH THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, 2015 EDITION, THE LATEST CALTRANS ADOPTED EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD), THE LATEST EDITION OF THE CITY OF SELMA STANDARD SPECIFICATIONS AND DRAWINGS.
2. THESE PLANS ARE ACCURATE FOR ELECTRICAL WORK ONLY.
3. NO ABOVE GROUND WORK, EXCEPT SERVICE EQUIPMENT, SHALL BE PERFORMED UNTIL THE CONTRACTOR HAS ALL MATERIALS ON HAND TO COMPLETE THAT PARTICULAR SIGNAL LOCATION OR LIGHTING CIRCUIT.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UTILITIES WHETHER OR NOT THEY ARE SHOWN ON THESE PLANS, AND SHALL PROVIDE PROTECTION PRIOR TO, DURING AND AFTER TRENCHING, JACKING AND/ OR BORING. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA), BY CALLING 1-800-227-2600 AT LEAST TWO (2) WORKING DAYS BEFORE BEGINNING WORK.
5. CONDUIT INSTALLATION ACROSS ROADWAYS SHALL BE BY JACKING AND DIRECTIONAL DRILLING METHODS UNLESS OTHERWISE NOTED ON THE PLANS.
6. CONTRACTOR SHALL ARRANGE WITH UTILITY COMPANIES FOR ALL REQUIRED UTILITY REALLOCATIONS, INCLUDING OVERHEAD CONFLICTS.
7. ALL TRAFFIC SIGNAL AND LIGHTING FACILITIES, INCLUDING CABINETS, STANDARDS, PULL BOXES, CONDUITS AND LOOP DETECTORS, ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. AFTER ALL UNDERGROUND UTILITIES ARE MARKED, THE CONTRACTOR SHALL MARK FINAL LOCATIONS IN THE FIELD AND NOTIFY THE ENGINEER AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK TO VERIFY THE MARKED LOCATIONS.
8. PULL BOXES SHALL BE NO. 5(E), UNLESS OTHERWISE NOTED ON THE PLANS. PULL BOXES SHALL NOT BE INSTALLED IN CURB RAMPS. ALL PULL BOXES SHALL BE AT A MAXIMUM OF 200' APART.
9. ALL PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL BE SURROUNDED BY A ONE (1) FOOT WIDE CONCRETE COLLAR, TO A DEPTH EQUAL TO THE PULL BOX AND EXTENSION, PER CITY OF FRESNO SPECIFICATIONS. ALL CONDUIT ENTRIES INTO ADVANCE DETECTION, INTERMEDIATE DETECTION, AND STREET LIGHTING PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL ENTER THE PULL BOX FROM THE BOTTOM, USING 90 DEGREE ELBOWS AND EXTENDING 3 TO 5 INCHES ABOVE THE FINISHED GROUT.
10. ALL CONDUITS SHALL HAVE BUSHINGS INSTALLED PRIOR TO INSTALLING CONDUCTORS. STEEL CONDUITS SHALL HAVE LAY IN STYLE LUGS THAT ARE CAST INTEGRAL WITH THE BUSHING.
11. CONDUIT BENDS OF 90 DEGREES ARE PROHIBITED UNLESS OTHERWISE NOTED OR WRITTEN PERMISSION IS GIVEN BY THE CITY OF SELMA ENGINEER.
12. ALL NEUTRAL CONDUCTORS SHALL BE WHITE IN COLOR THROUGHOUT THEIR ENTIRE LENGTH.
13. TRAFFIC SIGNAL CABLE SHALL NOT BE SPLICED BETWEEN THE CONTROLLER CABINET AND THE TERMINAL COMPARTMENTS MOUNTED ON THE POLES. DETECTOR CABLES SHALL NOT BE SPLICED BETWEEN THE CONTROLLER CABINET AND THE PULL BOX ADJACENT TO THE DETECTOR LEAD-IN.
14. SEAL CONDUIT WITH AN APPROVED DUCT SEAL AFTER ALL CONDUCTORS HAVE BEEN INSTALLED.
15. SEALANT FOR FILLING THE SAWCUT LOOPS SLOTS SHALL BE HOT-MELT RUBBERIZED ASPHALT SEALANT PER STATE OF CALIFORNIA SPECIFICATIONS. OR LOOP SEALANT SHALL BE ELASTOMERIC SEALANT 3M, BLACK 5000.
16. PEDESTRIAN PUSH BUTTONS SHALL HAVE 2" DIAMETER ACTUATORS AND COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
17. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL UTILIZE LIGHT EMITTING DIODE (LED) SIGNAL MODULES IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. VEHICLE SIGNAL SECTIONS SHALL HAVE 12" (300 mm) DIAMETER LENSES WITH BACKPLATES AND TUNNEL VISORS. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL HAVE METAL AND RUBBER WASHERS INSTALLED ON THE INSIDE OF THE HEAD.
18. FIXTURE BALLAST SHALL HAVE HIGH POWER FACTOR.
19. PEDESTRIAN SIGNAL UNITS SHALL BE FULL SYMBOL, MUTCD COMPLIANT, LED TYPE A. SIGNAL ALIGNMENT SHALL BE AS DIRECTED BY THE ENGINEER.
20. ALL SIGNS SHALL BE 3M-3930HIP TYPE III & IV SERIES REFLECTIVE SHEETING AND BE COVERED WITH 1160A PREMIUM OVERLAY ANTI-GRAFFITI FILM OR AVERY DENNISON T6500 SERIES REFLECTIVE SHEETING AND SHALL BE COVERED WITH AVERY DENNISON OL1000 ANTI-GRAFFITI OVERLAY FILM.
21. TONEABLE CONDUIT SHALL BE CHECKED FOR CONTINUITY AND BONDED TO EARTH GROUND.
22. CONDUITS EXITING THE CONTROLLER FOUNDATION AND ENTERING INTO THE CONTROLLER CABINET SHALL BE ALIGNED TO ENTER WITHIN THE TEES SPECIFIED CABINETS WITHOUT ANY MODIFICATIONS TO THE CABINET BASE.
23. ALL RESURFACING SHALL MATCH EXISTING SURFACES AFTER SIGNAL FACILITIES ARE REMOVED AND/OR RELOCATED.
24. ALL LUMINARE CIRCUITS SHALL BE FUSED. THE FUSE SHALL BE LOCATED IN THE POLE HAND HOLE AT EACH POLE (5 AMP KTK FUSE IN TRON HEB TYPE FUSE HOLDER).
25. THE CONTRACTOR SHALL FURNISH AND INSTALL POLE NUMBERS WHEN PG&E INDICATES THE NUMBER. POLE NUMBERS SHALL BE SHOWN ON THE AS-BUILT DRAWINGS.
26. THE CONTRACTOR SHALL FURNISH AND INSTALL AN ACCESSIBLE (AUDIBLE) PEDESTRIAN SIGNAL (APS) SYSTEM (2-WIRE POLARA NAVIGATOR OR APPROVED EQUAL) IN CONFORMANCE WITH THE PROJECT SPECIFICATIONS. THE APS SHALL PROVIDE BOTH A VIBRATING ARROW BUTTON AND AUDIBLE SOUNDS DURING THE "WALK" INTERVAL, AS WELL AS A LOCATING TONE DURING THE PEDESTRIAN CLEARANCE AND DON'T WALK INTERVALS. CONTRACTOR SHALL PROVIDE TO THE CITY OF SELMA A MEANS OF PROGRAMMING THE LATEST VERSION OF THE (APS) SYSTEM.

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

JLB TRAFFIC ENGINEERING, INC.
516 W. SHAW AVE., STE. 103
FRESNO, CA 93704
PHONE:(559) 570-8991
EMAIL: info@JLBtraffic.com

TENTATIVE PLANS FOR DESIGN
SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER LUIS BENAVIDES No. 90871 Exp. 6/30/22 CIVIL STATE OF CALIFORNIA

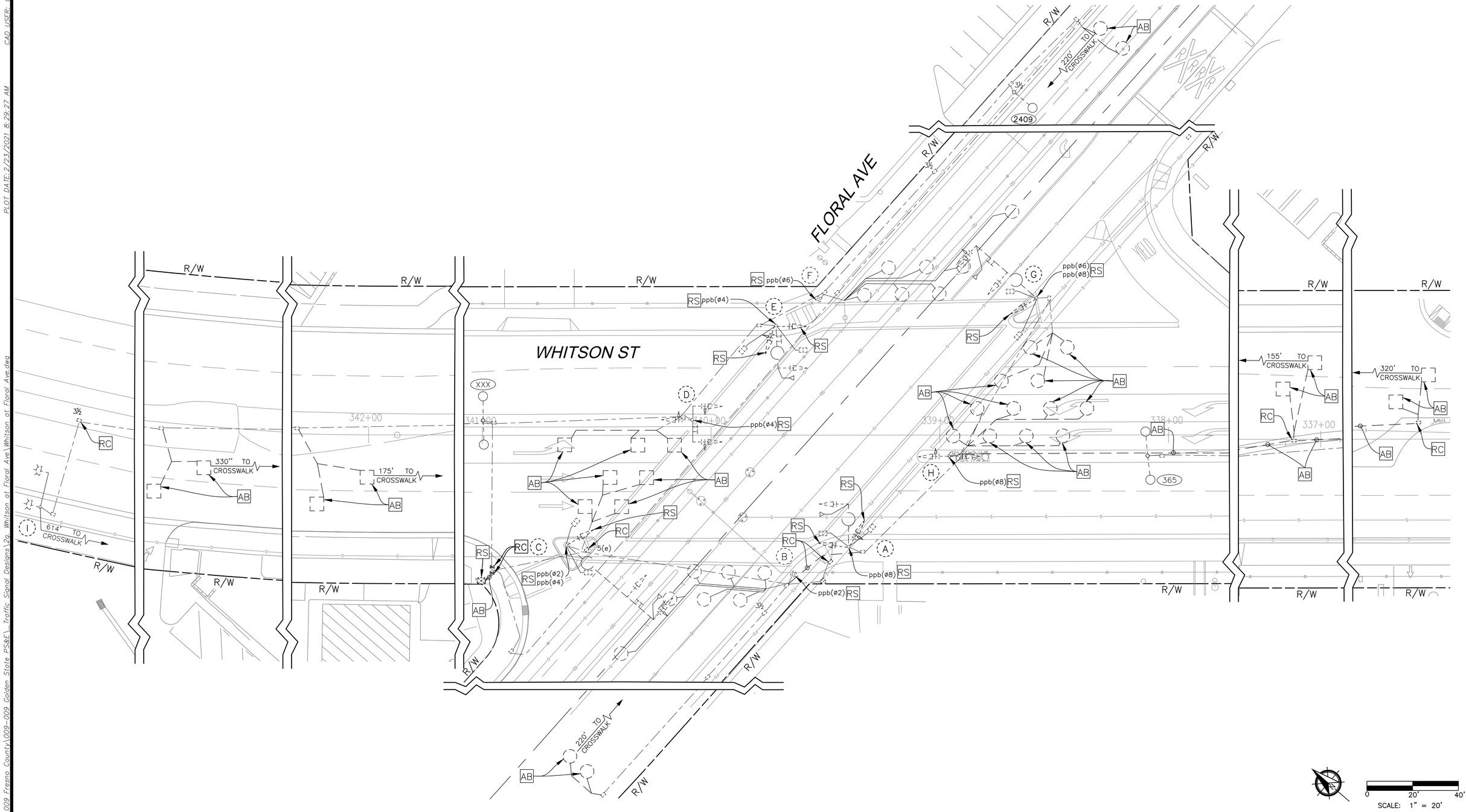
PROJECT
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS
SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING
WHITSON ST AT FLORAL AVE
EQUIPMENT AND CONDUCTOR SCHEDULE

DRAWING NO. E-6 SHEET NO. 117 TOTAL 154

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\2a Whitson at Floral Ave\Whitson at Floral Ave.dwg PLOT DATE: 2/23/2021 8:28:54 AM CAD USER: CAYALA



		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER LUIS BENAVIDES No. 80071 Exp. 06/30/22 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

WHITSON ST AT FLORAL AVE
DEMOLITION PLAN

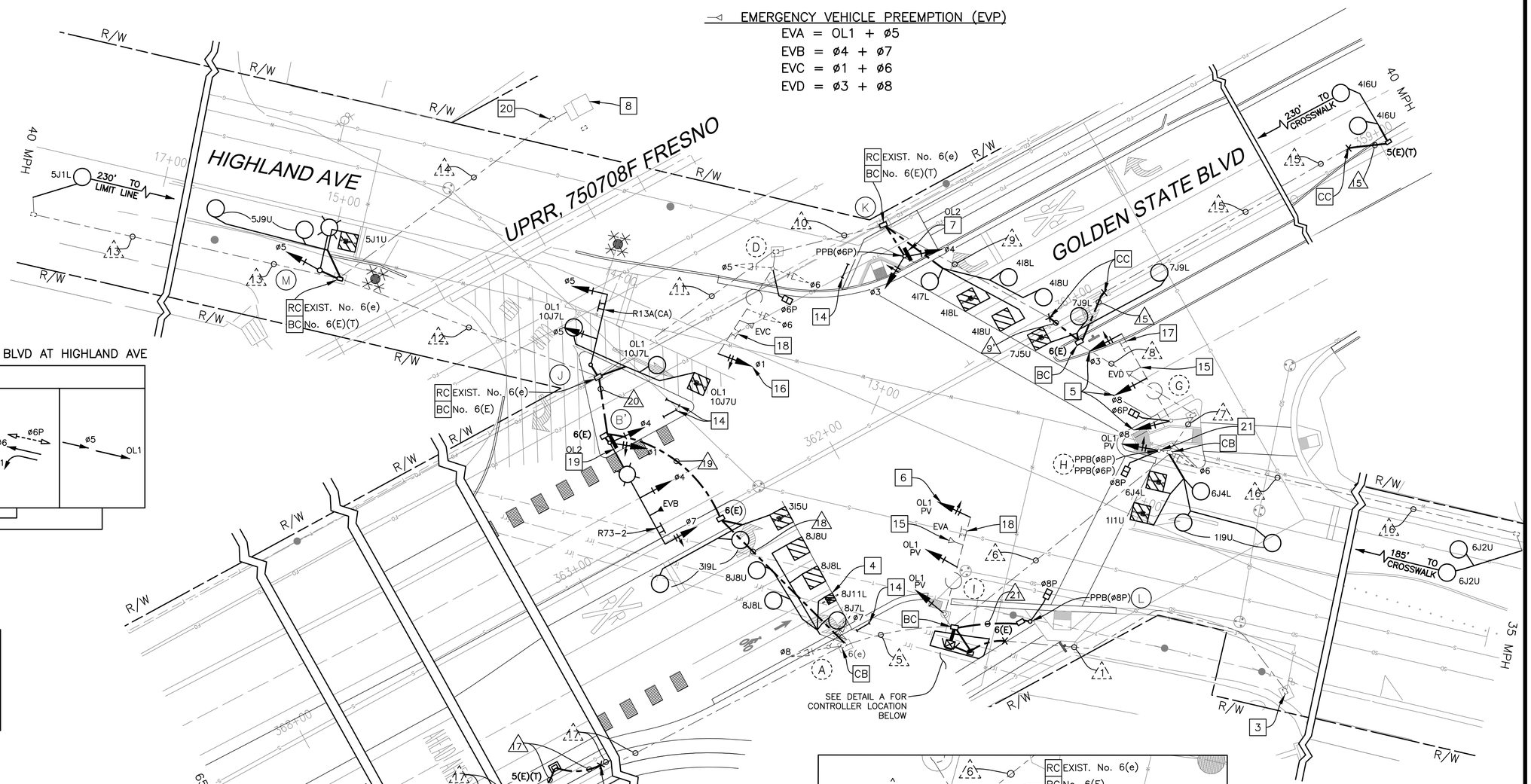
DRAWING NO. E-7 SHEET NO. 118 TOTAL 154

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\2a Whitson at Floral Ave\Whitson at Floral Ave.dwg PLOT DATE: 2/23/2021 8:29:27 AM CAD USER: CAYALA

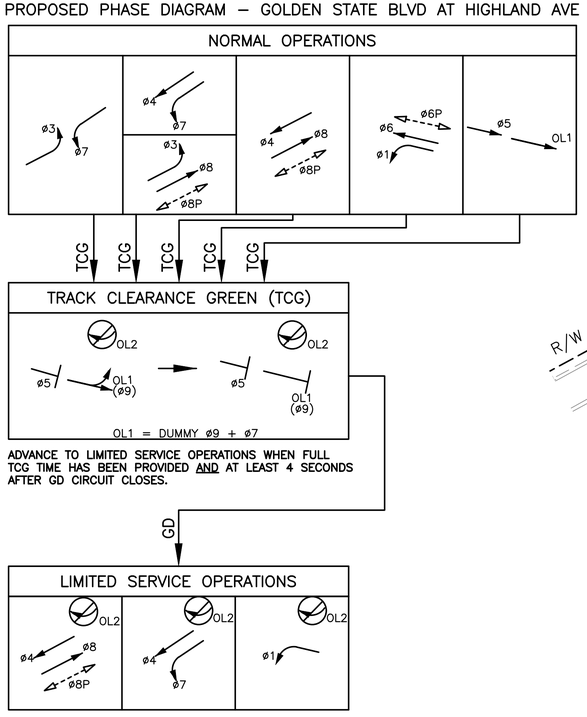
POLE PLACEMENT LOCATION		
POLE	LOCATION	
B'	GOLDEN STATE BLVD	STA 362 + 67.85, 40.03' R
J	GOLDEN STATE BLVD	STA 362 + 60.61, 67.21' R
K	GOLDEN STATE BLVD	STA 361 + 45.81, 47.95' R
L	GOLDEN STATE BLVD	STA 361 + 68.57, 85.51' L
M	HIGHLAND AVE	STA 15 + 2.19, 19.93 ' L

EMERGENCY VEHICLE PREEMPTION (EVP)

EVA = OL1 + ø5
EVB = ø4 + ø7
EVC = ø1 + ø6
EVD = ø3 + ø8



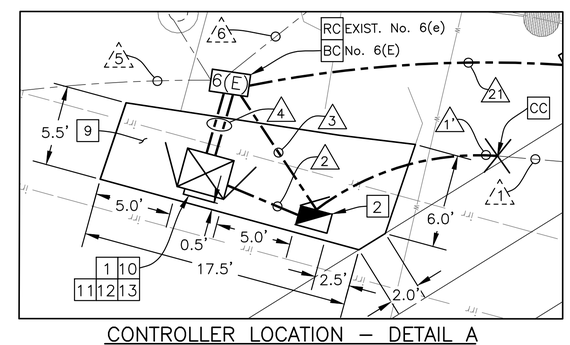
PROPOSED PHASE DIAGRAM – GOLDEN STATE BLVD AT HIGHLAND AVE



ADVANCE TO LIMITED SERVICE OPERATIONS WHEN FULL TCG TIME HAS BEEN PROVIDED AND AT LEAST 4 SECONDS AFTER GD CIRCUIT CLOSES.

TCR = TRAFFIC CONTROL RELAY. PROVIDES ADVANCED PREEMPTION NOTIFICATION.
XR = CROSSING RELAY. PROVIDES NOTIFICATION THAT GRADE CROSSING WARNING DEVICES HAVE BEEN ACTIVATED.
GD = GATE DOWN RELAY. PROVIDES NOTIFICATION THAT RR ENTRANCE GATE DESCENT IS ALMOST COMPLETE.

* = "NO RIGHT-TURN" BLANKOUT SIGN IS ILLUMINATED WHILE XR CIRCUIT IS ACTIVE.



CONTROLLER LOCATION – DETAIL A
NO SCALE

0 20' 40'
SCALE: 1" = 20'

	DATE	RECORD DRAWING	
DESIGNED: J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN: C. AYALA-MAGANA	02/23/2021		
CHECKED: J. RIOS	02/23/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

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JLB TRAFFIC ENGINEERING, INC.
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FRESNO, CA 93704
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TENTATIVE PLANS DESIGN
SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER JOSE LUIS BENAVIDES No. 84071 Exp. 12/31/22 CIVIL STATE OF CALIFORNIA

PROJECT
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS
SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING
GOLDEN STATE BLVD AT HIGHLAND AVE
TRAFFIC SIGNAL MODIFICATION PLAN

DRAWING NO. E-8 SHEET NO. 119 TOTAL 154

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\21. Golden State Blvd at Highland Ave\Golden State Blvd at Highland Ave.dwg PLOT DATE: 2/23/2021 9:53:04 AM CAD USER: CAYALA

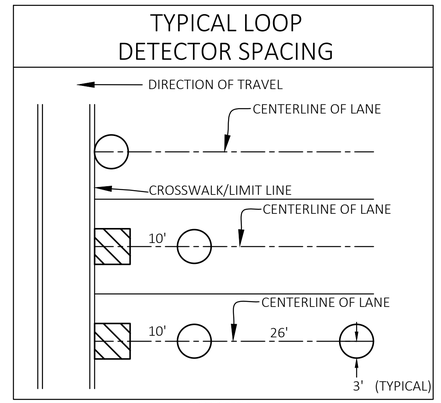
PROJECT NOTES (FOR SHEETS E-8 THROUGH E-11 ONLY):

1. FURNISH AND INSTALL TYPE 2070LX (76.13P FIRMWARE) AND NEW 332L CABINET WITH ALL ANCILLARY DEVICES FOR A FULL EIGHT PHASE OPERATION. FRONT DOOR OF CABINET SHALL FACE NORTHWEST. FURNISH AND INSTALL NEW BATTERY BACK-UP SYSTEM PER THE STATE SPECIAL PROVISIONS. BATTERY BACK-UP EXTERNAL CABINET SHALL BE ON THE SOUTHWEST SIDE OF THE CONTROLLER ASSEMBLY.
2. INSTALL NEW TYPE III-AF SERVICE CABINET (TESCO 26-100 OR APPROVED EQUAL). CONTRACTOR SHALL COORDINATE WITH PG&E FOR DISCONNECT AND RECONNECT TO THE EXISTING POINT OF SERVICE.
3. EXISTING PG&E POINT OF SERVICE PULL BOX.
4. INSTALL 3'X3' BIKE LOOP PER DETAIL C.
5. INSTALL DIRECTIONAL LOUVERS TO ENSURE THAT THE VEHICULAR SIGNAL HEAD IS ONLY VISIBLE TO TRAFFIC IT IS INTENDED FOR.
6. INSTALL 4-SECTION SIGNAL HEAD PER DETAIL D.
7. FURNISH AND INSTALL R3-1 (24" x 24") INTERNALLY ILLUMINATED BLANK OUT SIGN PER DETAIL E AND DETAIL F.
8. EXISTING RAILROAD CONTROLLER TO REMAIN. INTERCONNECTION TO THE RR SIGNAL SYSTEM SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
9. INSTALL 122 SQUARE FEET OF 3.5" PCC PAD.
10. THE ADVANCED PREEMPTION INTERCONNECTION SHALL BE CONFIGURED AS A "SUPERVISED" CIRCUIT. A PREEMPTION INTERCONNECTION CIRCUIT SHALL BE IMPLEMENTED IN THE TRAFFIC SIGNAL CONTROLLER. CONTRACTOR SHALL WORK WITH RAILROAD, AND BE RESPONSIBLE FOR APPROVAL, TO CONNECT TO THE ADVANCED PREEMPTION CIRCUIT. A "GATE-DOWN" CIRCUIT SHALL BE IMPLEMENTED IN THE TRAFFIC SIGNAL CONTROLLER. THE RAILROAD WILL PROVIDE THE GATE DOWN CIRCUIT FOR CONNECTION TO THE TRAFFIC SIGNAL CONTROLLER AS PART OF THE RAILROAD'S STANDARD DESIGN. A TRAFFIC SIGNAL HEALTH CIRCUIT SHALL BE IMPLEMENTED INTO THE SIGNAL CONTROLLER.
11. CONTRACTOR SHALL INSTALL THE FOLLOWING WARNING LABEL WITHIN THE TRAFFIC SIGNAL CONTROLLER CABINET:
    - IF THE TRAFFIC SIGNAL ENTERS FLASHING MODE, NOTIFY THE RAILROAD AND PROVIDE FOR THE SAFE MOVEMENT OF ROADWAY USERS OVER THE GRADE CROSSING.
    - IF THE TRAFFIC SIGNAL LOSES POWER OR ALL OF THE SIGNALS ARE DARK, NOTIFY THE RAILROAD AND PROVIDE FOR THE SAFE MOVEMENT OF THE ROADWAY USERS OVER THE GRADE CROSSING.
    - NOTIFY THE RAILROAD ONCE THE SIGNAL SYSTEM HAS BEEN RESTORED TO NORMAL OPERATION.
    - IF SIGNAL MAINTENANCE IS REQUIRED TO PERFORM A JOINT TEST OF THE PREEMPTION SYSTEM, NOTIFY THE RAILROAD.
12. CONTRACTOR SHALL INSTALL WARNING LABEL WITHIN CONTROLLER CABINET AS RECOMMENDED IN THE USDOT HIGHWAY RAIL GRADE CROSSING TECHNICAL WORKING GROUP RECOMMENDATIONS TO ALERT TRAFFIC SIGNAL TECHNICIANS TO THE PRESENCE OF THE INTERCONNECTION WITH THE RAILROAD. SEE SAMPLE TO THE RIGHT.
13. COORDINATE WITH UPRR FOR THE INSTALLATION OF RAILROAD PREEMPTION CABLING AND TESTING OF THE REQUIRED RAILROAD PREEMPTION CIRCUITS. CONTACT UPRR PRIOR TO ANY WORK WITHIN UPRR RIGHT-OF-WAY OR ANY WORK AFFECTING GRADE CROSSING OPERATIONS.
14. FURNISH AND INSTALL NEW TYPE I PED BARRICADE WITH R9-3A.
15. EXISTING EVP SHALL BE PROTECTED AND RELOCATED TO NEW SIGNAL HEAD MOUNTING.
16. FURNISH AND INSTALL NEW 3-SECTION ARROW SIGNAL HEAD.
17. EXISTING R73-2 ON SMA.
18. EXISTING R73-3 ON SMA.
19. FURNISH AND INSTALL R3-1 (24" x 24") INTERNALLY ILLUMINATED BLANK OUT SIGN PER DETAIL E AND DETAIL G.
20. COORDINATE WITH UPRR FOR THE INSTALLATION OF RAILROAD PREEMPTION CABLING AND TESTING OF THE REQUIRED RAILROAD PREEMPTION CIRCUITS. CONTACT UPRR PRIOR TO ANY WORK WITHIN UPRR RIGHT OF WAY OR ANY WORK AFFECTING GRADE CROSSING OPERATIONS.
21. INSTALL 1 DLC FROM PPB(Ø6) TO PPB(Ø8)

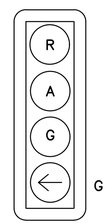
LEGEND (FOR SHEETS E-8 THROUGH E-11 ONLY):

- TYPE E CIRCULAR LOOP DETECTOR CONFIGURATION PER STATE STANDARD PLAN ES-5B. LOOP SEALANT SHALL BE STATE APPROVED ELASTOMERIC SEALANT OR HOT MELT RUBBERIZED.
- EXISTING TYPE E LOOP DETECTOR.
- TYPE D RECTANGULAR LOOP DETECTOR CONFIGURATION PER STATE STANDARD PLAN ES-5B. LOOP SEALANT SHALL BE STATE APPROVED ELASTOMERIC SEALANT OR HOT MELT RUBBERIZED. BICYCLE DETECTOR SYMBOL TO BE INSTALLED PER CALTRANS STANDARD PLAN A24-C ON CENTER OF THE DETECTOR.
- EMERGENCY VEHICLE PREEMPTION (EVP) DETECTION UNIT EVA (DENOTES CHANNEL).
- EXISTING EMERGENCY VEHICLE PREEMPTION (EVP DETECTION UNIT.
- NEW CONDUIT
- EXISTING CONDUIT
- PV — PROGRAMMABLE VISIBILITY VEHICLE SIGNAL HEAD
- AB — ABANDON, IF APPLIED TO CONDUIT, REMOVE CONDUCTORS.
- RS — REMOVE AND SALVAGE EQUIPMENT.
- RC — EQUIPMENT OR MATERIAL TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- FA — FOUNDATION TO BE ABANDONED. REMOVE TOP OF FOUNDATION TO A POINT 36" BELOW THE FINISH GRADE.
- CC — CONNECT NEW AND EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS AND INSTALL CONDUCTORS AS INDICATED.
- CB — INSTALL NEW CONDUIT INTO EXISTING PULL BOX.
- BC — INSTALL PULL BOX IN EXISTING CONDUIT RUN.
- SC — SPLICE NEW TO EXISTING CONDUCTORS.

POLE	PG&E POLE NUMBER
B	3929
B'	3929
D	3930
G	3931
I	3932



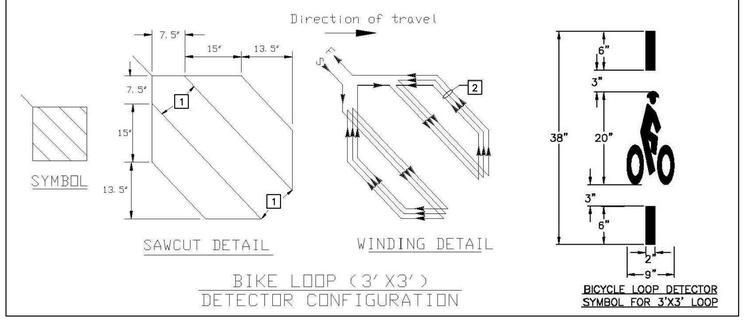
TYPICAL LOOP DETECTOR PLACEMENT – DETAIL B



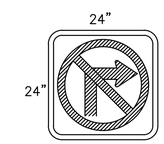
4–SECTION SIGNAL HEAD – DETAIL D

DETAIL D NOTES

1. ROUND CORNERS OF ACUTE ANGLE SAWCUTS TO PREVENT DAMAGE TO CONDUCTORS.
2. INSTALL 3 TURNS WHEN ONLY ONE BIKE LOOP IS ON A SENSOR UNIT CHANNEL. INSTALL 5 TURNS WHEN ONE BIKE LOOP IS CONNECTED IN SERIES WITH 3 ADDITIONAL 6' X6' LOOPS ON A SENSOR UNIT CHANNEL.



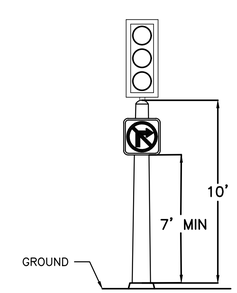
TYPE D 3'X3' BIKE LOOP – DETAIL C
NO SCALE



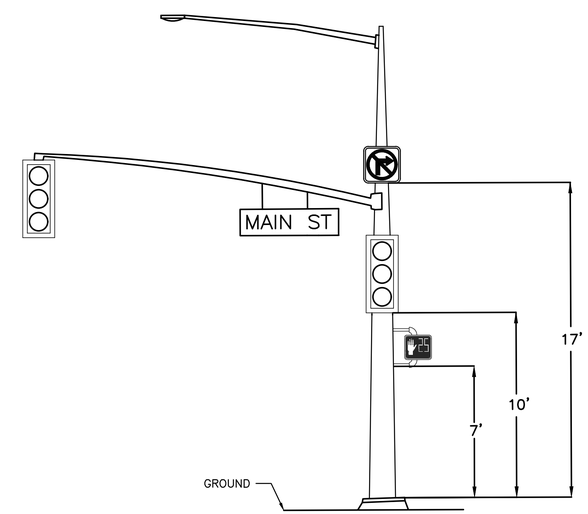
R3–1 BLANK OUT SIGN (24" x 24") – DETAIL E

CONSTRUCTION NOTES (FOR SHEETS E-8 THROUGH E-11 ONLY):

1. ALL PULL BOXES ACCESSED BY CONTRACTOR SHALL BE CLEANED OF ALL DIRT AND DEBRIS, ANY CRACKS GROUTED AND ALL CONDUITS DUCT SEALED.
2. REPLACE ALL PULLBOXES IN DIRT AREAS WITH TRAFFIC RATED PULLBOXES.
3. ALL PULLBOXES SHALL BE LEVELED TO FINISH GRADE (NEW AND EXISTING).
4. ALL PULLBOXES IN DIRT AREAS SHALL HAVE 1' COLLAR PER GENERAL NOTE 10 (NEW AND EXISTING).
5. ANY BROKEN/DAMAGED PULLBOXES SHALL BE REPLACED.
6. ALL PULLBOXES SHALL HAVE LOCKING LIDS. TRAFFIC RATED LIDS SHALL BE WELDED CLOSED AFTER FINAL INSPECTION.
7. ALL UNUSED CONDUCTORS SHALL BE REMOVED.



1–A (10') BLANK–OUT SIGN PLACEMENT – DETAIL F
NO SCALE



BLANK–OUT SIGN PLACEMENT – DETAIL G
NO SCALE

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

JLB TRAFFIC ENGINEERING, INC.
516 W. SHAW AVE., STE. 103
FRESNO, CA 93704
PHONE:(559) 570-8991
EMAIL: info@JLBtraffic.com

TENTATIVE — PLANS — FOR — DESIGN
SUPERVISING ENGINEER — DATE

STUART — 00816

REGISTERED PROFESSIONAL ENGINEER — No. 81 — 06/30/21 — CIVIL — STATE OF CALIFORNIA

PROJECT
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS
SELMA REGION

CITY of SELMA — FRESNO COUNTY — CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING
GOLDEN STATE BLVD AT HIGHLAND AVE
DETAILS AND NOTES

DRAWING NO. E-9 SHEET NO. 120 TOTAL 154

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E\ Traffic Signal Designs\2t Golden State Blvd at Highland Ave\Golden State Blvd at Highland Ave.dwg PLOT DATE: 2/23/2021 8:33:28 AM CAD USER: CAYALA

CONDUCTOR SCHEDULE

AWG OR CABLE	POLE	Ø	1 (2")	1 2"	2 2"	3 2"	4 2-4"	5 (3")	6 (3")	7 (3")	8 (3")	9 (3")	9 3"	10 (3")	11 (3")	12 (2")	13 (2")	14 (1.5")	15 (2")	15 2"	16 (2")	17 (2")	17 2"	18 4"	19 4"	20 4"	21 1.5"
CONDUIT FILL			13%	13%	8%	7%	19%	32%	33%	24%	19%	17%	17%	11%	1%	29%	4%	22%	4%	4%	4%	4%	4%	15%	14%	10%	15%
7 COND. CABLE (VEH.) *	A	7,8 / -					1 / -	1 / -																			
	B'	1,4,7 / -					2 / -	2 / -																2 / -	2 / -		
	D	1,5,6 / 6P					2 / 1		2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1													
	G	3,8 / 6P					1 / 1		1 / 1	1 / 1																	
	H	OL1,6 / 8P					1 / 1		1 / 1																		
	I	OL1 / -					1 / -																				
	J	5 / -					1 / -	1 / -																1 / -	1 / -	1 / -	
5 COND. CABLE (PED) *	K	3,4 / -					1 / -		1 / -	1 / -	1 / -	1 / -	1 / -														
	L	- / 8P					- / 1																				- / 1
	M	5 / -					1 / -	1 / -								1 / -								1 / -	1 / -	1 / -	
TOTAL							11 / 4	5 / -	5 / 3	4 / 2	3 / 1	3 / 1	3 / 1	2 / 1		1 / -								4 / -	4 / -	2 / -	- / 1
3 COND. CABLE (PPB)	H	6,8					1		1																		
	K	6					1		1	1	1	1	1														
	L	8					1																				1
TOTAL							3		2	1	1	1	1														1
TYPE C DETECTOR LEAD-IN CABLE	Ø1						2		2																		
	Ø3						2	2																2			
	Ø4						4		4	4	4	3	3						1	1							
	Ø5						3	3								3	1							3	3	3	
	Ø6						2		2												1						
	Ø7						2		2	2	2																
	Ø8						5	5														1	1				
	OL1						2	2																2	2	2	
	TOTAL DLC						22	12	10	6	6	3	3			3	1		1	1	1	1	1	7	5	5	
# 2	SERVICE		3	3																							
# 4	SIGNAL POWER				2																						
# 6	SAFETY LIGHTS					2		2	2	2	2	2	2	2		2								2	2	2	
# 8	BONDING WIRE				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
# 14	BLANK OUT SIGN						4	4						2	2									4	4	2	
12 COND. CABLE (#14 AWG)	R.R INTERCONNECT						1	1								1		1						1	1	1	
EVP CABLE 3 COND.	EVA (S/B)						1																				
	EVB (W/B)						1	1																1	1		
	EVC (N/B)						1		1	1	1	1	1	1													
	EVD (E/B)						1		1	1																	

* NUMBER INDICATIONS ARE THE NUMBER OF CABLES WITHIN CONDUIT.
ALL CONDUCTORS ARE NEW UNLESS OTHERWISE INDICATED WITH "( )".

EQUIPMENT SCHEDULE

No.	STANDARD Type	STANDARD Sig. M.A.	STANDARD Lum.M.A.	VEH SIG MTG Mast Arm	VEH SIG MTG Pole	PED SIGNAL Ø	PED SIGNAL MTG	PPB Ø	PPB ARROW	LED LUMINAIRE WATTAGE	EV PREEMPT	SPECIAL REQUIREMENTS
A	1–A (10')	–	–	–	TV–2–T	–	–	–	–	–	–	
B	26–4–70	40'	15'	MAT MAS	SV–2–T	–	–	–	–	90W	–	RS EXISTING POLE AND ALL EQUIPMENT ATTACHED TO IT.
B'	26–4–100 (N)	40' (N)	15' (N)	MAT (N) MAS (N)	SV–2–T (N) SV–1–T (N)	–	–	–	–	95W (N)	EVB (N)	FURNISH AND INSTALL EVB AND R73-2 SIGN ON SMA COMPLETE WITH MOUNTING HARDWARE. FURNISH AND INSTALL SNS "GOLDEN STATE BLVD" ON POLE COMPLETE WITH MOUNTING HARDWARE. FURNISH AND INSTALL R3-1 INTERNALLY ILLUMINATED BLANK OUT SIGN ON POLE COMPLETE WITH MOUNTING HARDWARE.
C	1–A (10')	–	–	–	TV–1–T	–	–	–	–	–	–	RS EXISTING POLE AND ALL EQUIPMENT ATTACHED TO IT.
D	24–4–70	35'	15'	MAT (N) MAS	SV–2–T	6 (N)	SP–1–T (N)	–	–	90W	EVC	EXISTING EVC AND SNS "Golden State" MOUNTED ON SIGNAL POLE TO REMAIN. FURNISH AND INSTALL 3-SECTION ARROW HEAD ON SMA. RS EXISTING ø6 SP-1-T MOUNTED PED SIGNAL. FURNISH AND INSTALL NEW PEDESTRIAN HEAD.
E	1–A (10')	–	–	–	TV–2–T	–	–	6	RIGHT	–	–	RS EXISTING POLE AND ALL EQUIPMENT ATTACHED TO IT.
F	PPB POST (2 ½")	–	–	–	–	–	–	6	RIGHT LEFT	–	–	RS EXISTING POLE AND ALL EQUIPMENT ATTACHED TO IT.
G	24–4–70	35'	15'	MAT (N) MAS (N)	SV–1–T (N)	6 (N)	SP–1–T (N)	–	–	90W	EVD	EXISTING SNS "Highland" ON POLE TO REMAIN. EXISTING EVD SHALL BE PROTECTED AND RELOCATED TO NEW SIGNAL HEAD. FURNISH AND INSTALL NEW VEHICULAR SIGNAL HEADS WITH DIRECTIONAL LOUVERS TO ENSURE THAT THE VEHICULAR SIGNAL HEADS ARE ONLY VISIBLE TO TRAFFIC IT IS INTENDED FOR. RS EXISTING ø6 SP-1-T MOUNTED PED SIGNAL AND EXISTING ø6 PPB. FURNISH AND INSTALL NEW PEDESTRIAN HEAD.
H	1–A (10')	–	–	–	TV–2–T	8 (N)	SP–1–T (N)	6(N) 8(N)	RIGHT(N) RIGHT(N)	–	–	FURNISH AND INSTALL NEW PEDESTRIAN HEAD AND PUSH BUTTON ASSEMBLY. REMOVE AND SALAVAGE EXISTING ø2 VEHICULAR HEAD AND FURNISH AND INSTALL NEW PV HEAD.
I	24–4–70	35'	12'	MAT (N) MAS (N)	SV–1–T (N)	–	–	–	–	90W	EVA	EXISTING SNS "Golden State" ON POLE TO REMAIN. EXISTING EVA SHALL BE PROTECTED AND RELOCATED TO NEW SIGNAL HEAD. REMOVE AND SALAVAGE EXISTING ø2 VEHICULAR HEADS AND FURNISH AND INSTALL NEW PV HEADS. MAT SHALL BE A 4-SECTION HEAD.
J	18–3–100 (N)	25' (N)	–	MAT (N) MAS (N)	–	–	–	–	–	–	–	FURNISH AND INSTALL R13A(CA) ON SMA COMPLETE WITH MOUNTING HARDWARE.
K	1–A (10')(N)	–	–	–	TV–2–T (N) SV–1–T (N)	–	–	6 (N)	RIGHT (N)	–	–	FURNISH AND INSTALL R3-1 INTERNALLY ILLUMINATED BLANK OUT SIGN ON POLE COMPLETE WITH MOUNTING HARDWARE.
L	1–A (10')(N)	–	–	–	–	8 (N)	TP–1–T (N)	8 (N)	RIGHT (N)	–	–	
M	15TS (N)	–	15' (N)	–	SV–1–T (N)	–	–	–	–	95W (N)	–	

NOTES:
1. ALL EQUIPMENT IS EXISTING UNLESS NOTED WITH (N).
2. ALL INDICATIONS SHALL BE 12" LED MODULES.
3. LUMINAIRES SHALL LED TYPE IN THE HPS EQUIVALENT WATTAGE SPECIFIED.
4. STREET NAME SIGNS SHALL BE WHITE LETTERS ON GREEN BACKGROUND 12" UPPERCASE 9" LOWERCASE, 4" BLOCK NUMBERS, 4" WIDE ARROWS, SERIES "D" TEXT ON TYPE XI DIAMOND GRADE SHEETING, 3M TYPE XI DG3 OR APPROVED EQUAL.

GENERAL NOTES:

1. WORK SHALL BE DONE IN ACCORDANCE WITH THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, 2015 EDITION, THE LATEST CALTRANS ADOPTED EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD), THE LATEST EDITION OF THE CITY OF SELMA STANDARD SPECIFICATIONS AND DRAWINGS.
2. THESE PLANS ARE ACCURATE FOR ELECTRICAL WORK ONLY.
3. NO ABOVE GROUND WORK, EXCEPT SERVICE EQUIPMENT, SHALL BE PERFORMED UNTIL THE CONTRACTOR HAS ALL MATERIALS ON HAND TO COMPLETE THAT PARTICULAR SIGNAL LOCATION OR LIGHTING CIRCUIT.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UTILITIES WHETHER OR NOT THEY ARE SHOWN ON THESE PLANS, AND SHALL PROVIDE PROTECTION PRIOR TO, DURING AND AFTER TRENCHING, JACKING AND/ OR BORING. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA), BY CALLING 1-800-227-2600 AT LEAST TWO (2) WORKING DAYS BEFORE BEGINNING WORK.
5. CONDUIT INSTALLATION ACROSS ROADWAYS SHALL BE BY JACKING AND DIRECTIONAL DRILLING METHODS UNLESS OTHERWISE NOTED ON THE PLANS.
6. CONTRACTOR SHALL ARRANGE WITH UTILITY COMPANIES FOR ALL REQUIRED UTILITY REALLOCATIONS, INCLUDING OVERHEAD CONFLICTS.
7. ALL TRAFFIC SIGNAL AND LIGHTING FACILITIES, INCLUDING CABINETS, STANDARDS, PULL BOXES, CONDUITS AND LOOP DETECTORS, ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. AFTER ALL UNDERGROUND UTILITIES ARE MARKED, THE CONTRACTOR SHALL MARK FINAL LOCATIONS IN THE FIELD AND NOTIFY THE ENGINEER AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK TO VERIFY THE MARKED LOCATIONS.
8. PULL BOXES SHALL BE NO. 5(E), UNLESS OTHERWISE NOTED ON THE PLANS. PULL BOXES SHALL NOT BE INSTALLED IN CURB RAMPS. ALL PULL BOXES SHALL BE AT A MAXIMUM OF 200' APART.
9. ALL PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL BE SURROUNDED BY A ONE (1) FOOT WIDE CONCRETE COLLAR, TO A DEPTH EQUAL TO THE PULL BOX AND EXTENSION, PER CITY OF FRESNO SPECIFICATIONS. ALL CONDUIT ENTRIES INTO ADVANCE DETECTION, INTERMEDIATE DETECTION, AND STREET LIGHTING PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL ENTER THE PULL BOX FROM THE BOTTOM, USING 90 DEGREE ELBOWS AND EXTENDING 3 TO 5 INCHES ABOVE THE FINISHED GROUT.
10. ALL CONDUITS SHALL HAVE BUSHINGS INSTALLED PRIOR TO INSTALLING CONDUCTORS. STEEL CONDUITS SHALL HAVE LAY IN STYLE LUGS THAT ARE CAST INTEGRAL WITH THE BUSHING.
11. CONDUIT BENDS OF 90 DEGREES ARE PROHIBITED UNLESS OTHERWISE NOTED OR WRITTEN PERMISSION IS GIVEN BY THE CITY OF SELMA ENGINEER.
12. ALL NEUTRAL CONDUCTORS SHALL BE WHITE IN COLOR THROUGHOUT THEIR ENTIRE LENGTH.
13. TRAFFIC SIGNAL CABLE SHALL NOT BE SPLICED BETWEEN THE CONTROLLER CABINET AND THE TERMINAL COMPARTMENTS MOUNTED ON THE POLES. DETECTOR CABLES SHALL NOT BE SPLICED BETWEEN THE CONTROLLER CABINET AND THE PULL BOX ADJACENT TO THE DETECTOR LEAD-IN.
14. SEAL CONDUIT WITH AN APPROVED DUCT SEAL AFTER ALL CONDUCTORS HAVE BEEN INSTALLED.
15. SEALANT FOR FILLING THE SAWCUT LOOPS SLOTS SHALL BE HOT-MELT RUBBERIZED ASPHALT SEALANT PER STATE OF CALIFORNIA SPECIFICATIONS OR LOOP SEALANT SHALL BE ELASTOMERIC SEALENT 3M, BLACK 5000.
16. PEDESTRIAN PUSH BUTTONS SHALL HAVE 2" DIAMETER ACTUATORS AND COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
17. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL UTILIZE LIGHT EMITTING DIODE (LED) SIGNAL MODULES IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. VEHICLE SIGNAL SECTIONS SHALL HAVE 12" (300 mm) DIAMETER LENSES WITH BACKPLATES AND TUNNEL VISORS. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL HAVE METAL AND RUBBER WASHERS INSTALLED ON THE INSIDE OF THE HEAD.
18. FIXTURE BALLAST SHALL HAVE HIGH POWER FACTOR.
19. PEDESTRIAN SIGNAL UNITS SHALL BE FULL SYMBOL, MUTCD COMPLIANT, LED TYPE A. SIGNAL ALIGNMENT SHALL BE AS DIRECTED BY THE ENGINEER.
20. ALL SIGNS SHALL BE 3M-3930HIP TYPE III & IV SERIES REFLECTIVE SHEETING AND BE COVERED WITH 1160A PREMIUM OVERLAY ANTI-GRAFFITI FILM OR AVERY DENNISON T6500 SERIES REFLECTIVE SHEETING AND SHALL BE COVERED WITH AVERY DENNISON OL1000 ANTI-GRAFFITI OVERLAY FILM.
21. TONEABLE CONDUIT SHALL BE CHECKED FOR CONTINUITY AND BONDED TO EARTH GROUND.
22. CONDUITS EXITING THE CONTROLLER FOUNDATION AND ENTERING INTO THE CONTROLLER CABINET SHALL BE ALIGNED TO ENTER WITHIN THE TEES SPECIFIED CABINETS WITHOUT ANY MODIFICATIONS TO THE CABINET BASE.
23. ALL RESURFACING SHALL MATCH EXISTING SURFACES AFTER SIGNAL FACILITIES ARE REMOVED AND/OR RELOCATED.
24. ALL LUMINARE CIRCUITS SHALL BE FUSED. THE FUSE SHALL BE LOCATED IN THE POLE HAND HOLE AT EACH POLE (5 AMP KTK FUSE IN TRON HEB TYPE FUSE HOLDER).
25. THE CONTRACTOR SHALL FURNISH AND INSTALL POLE NUMBERS WHEN PG&E INDICATES THE NUMBER. POLE NUMBERS SHALL BE SHOWN ON THE AS-BUILT DRAWINGS.
26. THE CONTRACTOR SHALL FURNISH AND INSTALL AN ACCESSIBLE (AUDIBLE) PEDESTRIAN SIGNAL (APS) SYSTEM (2-WIRE POLARA NAVIGATOR OR APPROVED EQUAL) IN CONFORMANCE WITH THE PROJECT SPECIFICATIONS. THE APS SHALL PROVIDE BOTH A VIBRATING ARROW BUTTON AND AUDIBLE SOUNDS DURING THE "WALK" INTERVAL, AS WELL AS A LOCATING TONE DURING THE PEDESTRIAN CLEARANCE AND DON'T WALK INTERVALS. CONTRACTOR SHALL PROVIDE TO THE CITY OF SELMA A MEANS OF PROGRAMMING THE LATEST VERSION OF THE (APS) SYSTEM.

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

JLB TRAFFIC ENGINEERING, INC.
516 W. SHAW AVE., STE. 103
FRESNO, CA 93704
PHONE: (559) 570-8991
EMAIL: info@JLBtraffic.com

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STEVEN D. TEDESCO REGISTERED PROFESSIONAL ENGINEER No. 26639 Exp. 6/30/22 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

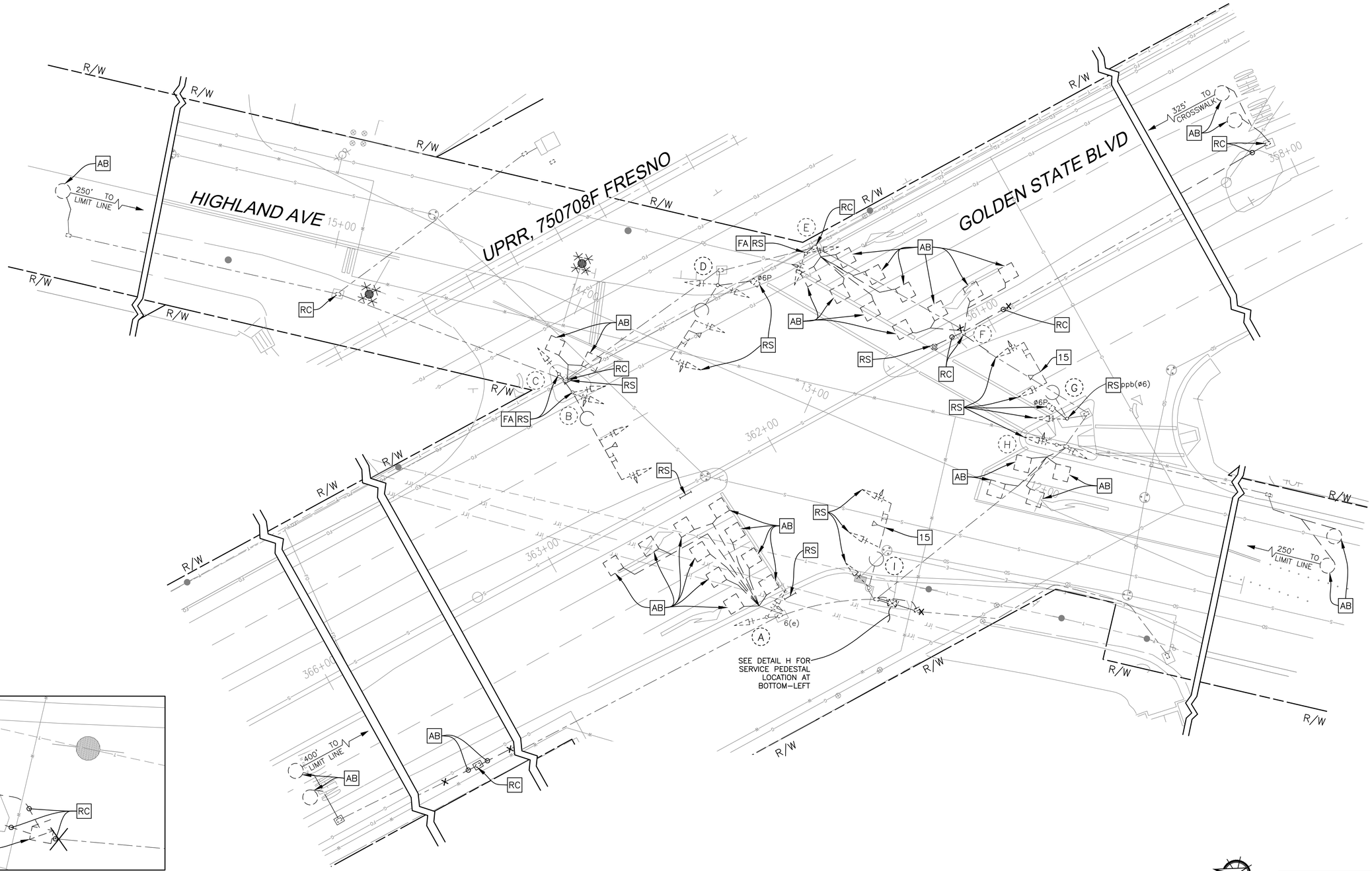
CITY of SELMA CALIFORNIA

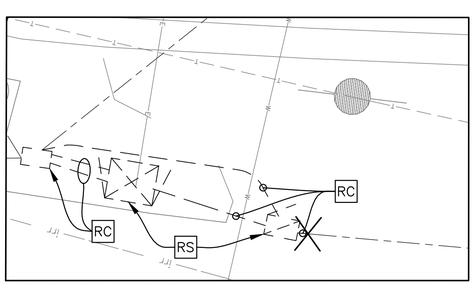
DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD AT HIGHLAND AVE
EQUIPMENT AND CONDUCTOR SCHEDULE

DRAWING NO. E-10 SHEET NO. 121 TOTAL 154

PATH: Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\2f Golden State Blvd at Highland Ave\Golden State Blvd at Highland Ave.dwg PLOT DATE: 2/23/2021 1:22:50 PM CAD USER: CAYALA





SERVICE PEDESTIAL LOCATION – DETAIL H

NO SCALE

0 20' 40'

SCALE: 1" = 20'

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

JLB TRAFFIC ENGINEERING, INC.
516 W. SHAW AVE., STE. 103
FRESNO, CA 93704
PHONE:(559) 570-8991
EMAIL: info@JLBtraffic.com

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART D. OGLE REGISTERED PROFESSIONAL ENGINEER No. 61 Exp. 6/30/22 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

GOLDEN STATE BLVD AT HIGHLAND AVE DEMOLITION PLAN

DRAWING NO. E-11 SHEET NO. 122 TOTAL 154

PATH:Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E_Traffic Signal Designs\21 Golden State Blvd at Highland Ave\Golden State Blvd at Highland Ave.dwg PLOT DATE:2/23/2021 10:11:53 AM CAD USER: CAYALA

PROJECT NOTES (THIS SHEET ONLY):

1. EXISTING 170E CONTROLLER IN 332 CABINET WITH BATTERY BACK UP SYSTEM.
2. EXISTING TYPE III-AF SERVICE CABINET.
3. EXISTING PG&E POINT OF SERVICE.
4. SC NEW LOOP WIRE TO EXISTING DLC'S.

LEGEND (THIS SHEET ONLY):

- TYPE E CIRCULAR LOOP DETECTOR CONFIGURATION PER STATE STANDARD PLAN ES-5B. LOOP SEALANT SHALL BE STATE APPROVED ELASTOMERIC SEALANT OR HOT MELT RUBBERIZED.
- EXISTING TYPE E LOOP DETECTOR.
- TYPE D RECTANGULAR LOOP DETECTOR CONFIGURATION PER STATE STANDARD PLAN ES-5B. LOOP SEALANT SHALL BE STATE APPROVED ELASTOMERIC SEALANT OR HOT MELT RUBBERIZED. BICYCLE DETECTOR SYMBOL TO BE INSTALLED PER CALTRANS STANDARD PLAN A24-C ON CENTER OF THE DETECTOR. ARROW SIGNIFIES DIRECTION OF TRAVEL.
- EXISTING EMERGENCY VEHICLE PREEMPTION (EVP DETECTION UNIT) EVA (DENOTES CHANNEL).
- NEW CONDUIT
- EXISTING CONDUIT
- CB INSTALL NEW CONDUIT INTO EXISTING PULL BOX
- SC SPLICE NEW TO EXISTING CONDUCTORS

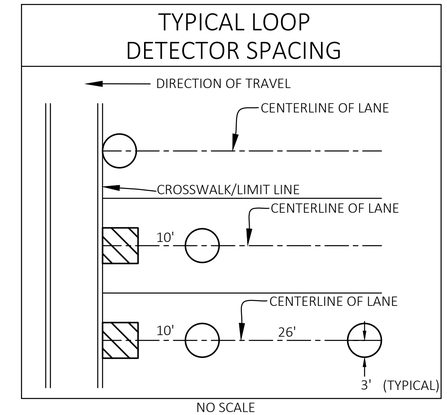
EXISTING STEADY DEMAND SEQUENCE

EXISTING PHASE DIAGRAM

EMERGENCY VEHICLE PREEMPT (EVP)

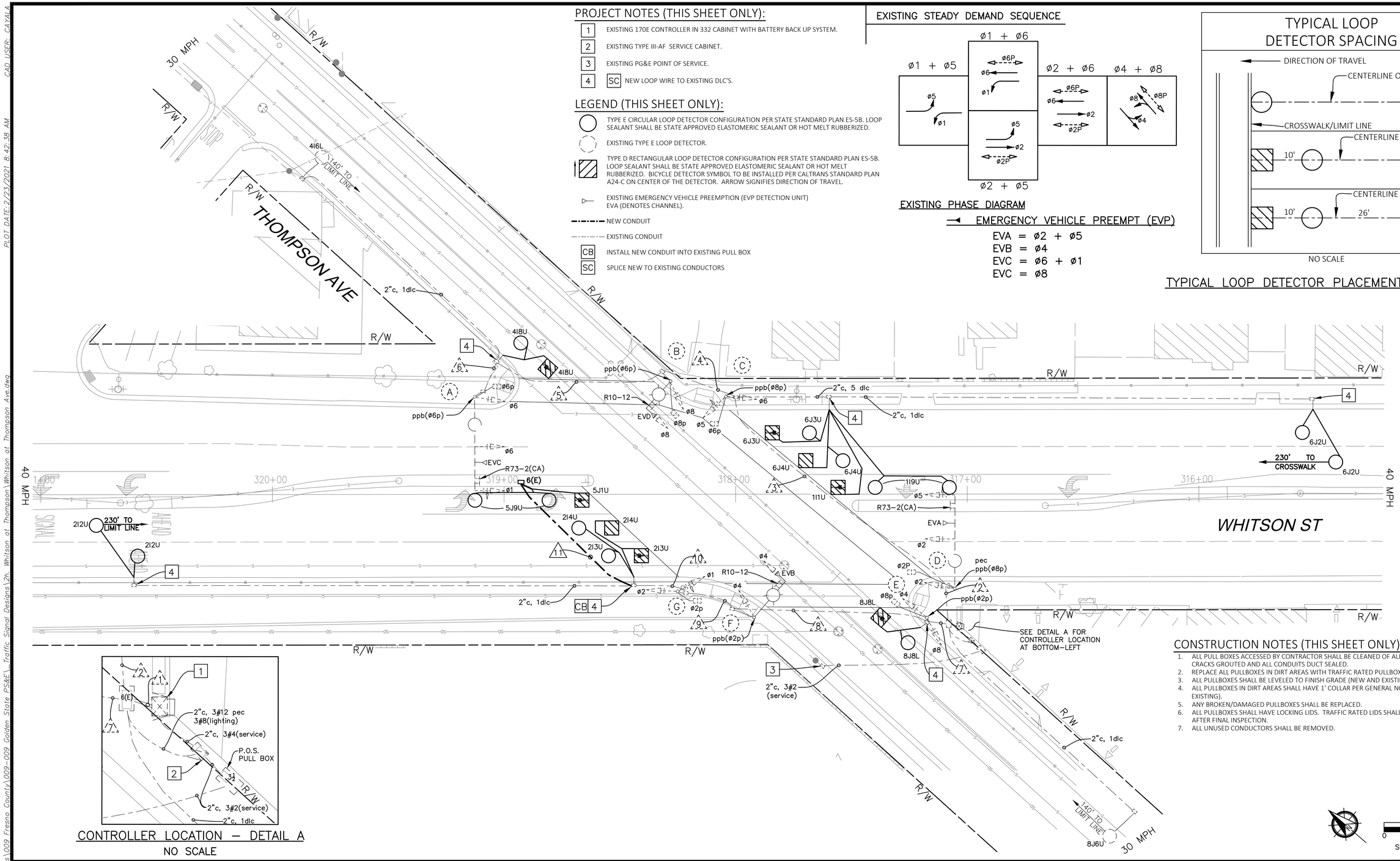
EVA = ø2 + ø5
EVB = ø4
EVC = ø6 + ø1
EVC = ø8

TYPICAL LOOP DETECTOR SPACING



NO SCALE

TYPICAL LOOP DETECTOR PLACEMENT – DETAIL B



CONTROLLER LOCATION – DETAIL A

NO SCALE

CONSTRUCTION NOTES (THIS SHEET ONLY):

1. ALL PULL BOXES ACCESSED BY CONTRACTOR SHALL BE CLEANED OF ALL DIRT AND DEBRIS, ANY CRACKS GROUTED AND ALL CONDUITS DUCT SEALED.
2. REPLACE ALL PULLBOXES IN DIRT AREAS WITH TRAFFIC RATED PULLBOXES.
3. ALL PULLBOXES SHALL BE LEVELED TO FINISH GRADE (NEW AND EXISTING).
4. ALL PULLBOXES IN DIRT AREAS SHALL HAVE 1' COLLAR PER GENERAL NOTE 10 (NEW AND EXISTING).
5. ANY BROKEN/DAMAGED PULLBOXES SHALL BE REPLACED.
6. ALL PULLBOXES SHALL HAVE LOCKING LIDS. TRAFFIC RATED LIDS SHALL BE WELDED CLOSED AFTER FINAL INSPECTION.
7. ALL UNUSED CONDUCTORS SHALL BE REMOVED.

0 20' 40'
SCALE: 1" = 20'

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

JLB TRAFFIC ENGINEERING, INC.
516 W. SHAW AVE., STE. 103
FRESNO, CA 93704
PHONE:(559) 570-8991
EMAIL: info@JLBtraffic.com

TENTATIVE PLANS FOR DESIGN
SUPERVISING ENGINEER DATE

REGISTERED PROFESSIONAL ENGINEER JOSE LUIS BENAVIDES No. C 80971 Exp. 12/31/22 CIVIL STATE OF CALIFORNIA

PROJECT
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS
SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING
WHITSON ST AT THOMPSON AVE
TRAFFIC SIGNAL MODIFICATION PLAN

DRAWING NO. E-12 SHEET NO. 123 TOTAL 154

PATH:Z:\01 Projects\009 Fresno County\009-009 Golden State PS&E\Traffic Signal Designs\2h Whitson at Thompson\Whitson at Thompson Ave.dwg
PLOT DATE:2/23/2021 8:42:38 AM
CAD USER: CAYALA

CONDUCTOR SCHEDULE

AWG OR CABLE	POLE	Ø	CONDUIT RUN NUMBER AND SIZE										
			1	2	3	4	5	6	7	8	9	10	11
			2-3"	3"	3"	2"	2"	2"	3"	3"	2"	2"	(3")
CONDUIT FILL			31%	40%	31%	43%	26%	22%	28%	20%	24%	13%	3%
12 COND. CABLE (VEH.) (PED.) *	A	1,6,6P / 6P	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1					
	B	8,8P / 6P	1 / 1	1 / 1	1 / 1	1 / 1							
	C	5,6,6P / 8P	1 / 1	1 / 1	1 / 1								
	D	2,5,2P / 8P	1 / 1	1 / 1									
	E	4,8,8P / 2P	1 / 1						1 / 1				
3 COND. CABLE (PPB) *	F	4 / 2P	1 / 1						1 / 1	1 / 1			
	G	1,2,2P / -	1 / -						1 / -	1 / -	1 / -		
TOTAL			7 / 6	4 / 4	3 / 3	2 / 2	1 / 1	1 / 1	3 / 2	2 / 1	1 / -		
TYPE B DETECTOR LEAD-IN CABLE		Ø1	2	2	2								
		Ø2	3						3	3	3	3	
		Ø4	2	2	2	2	2						
		Ø5	(2)						(2)	(2)	(2)	(2)	(2)
		Ø6	3	3	3								
		Ø8	2						1				
		TOTAL DLC	12(2)	7	7	2	2		4(2)	3(2)	3(2)	3(2)	(2)
# 8		SAFETY LIGHTS		2	2	2	2	2	2	2			
# 8		BONDING WIRE		1	1	1	1	1	1	1	(1)	(1)	(1)
#12		PEC CONTROL		3									
EVP CABLE 3 COND.		EVA (S/B)	1	1									
		EVB (W/B)	1						1	1			
		EVC (N/B)	1	1	1	1	1	1					
		EVD (E/B)	1	1	1	1							
		TOTAL	4	3	2	2	1	1	1	1			

* NUMBER INDICATIONS ARE THE NUMBER OF CABLES WITHIN CONDUIT.
ALL CONDUCTORS ARE EXISTING UNLESS OTHERWISE INDICATED WITH "( )".

EQUIPMENT SCHEDULE

No.	STANDARD Type	STANDARD Sig. M.A.	STANDARD Lum.M.A.	VEH SIG MTG Mast Arm	VEH SIG MTG Pole	PED SIGNAL Ø	PED SIGNAL MTG	PPB Ø	PPB ARROW	LED LUMINAIRE WATTAGE	PG&E POLE No.	SPECIAL REQUIREMENTS
A	26–4–100	40'	12'	MAT MAS	SV–1–T	6	SP–1–T	6	LEFT	90W	4228	EXISTING SNS "Thompson Ave" ON SIGNAL POLE, EVC AND R73-2(CA) ON SMA TO REMAIN.
B	17–3–70	15'	12'	MAS	SV–1–T	8	SP–1–T	6	LEFT	90W	4249	EXISTING SNS "Whitson Ave" ON SIGNAL POLE, EVD AND R10-12 ON SMA TO REMAIN.
C	1–A (10')	–	–	–	TV–2–T	6	SP–1–T	8	RIGHT	–	–	
D	26–4–100	40'	12'	MAT MAS	SV–1–T	2	SP–1–T	8	LEFT	90W	4250	EXISTING SNS "Thompson Ave" ON SIGNAL POLE, EVA AND R73-2(CA) ON SMA TO REMAIN.
E	1–A (10')	–	–	–	TV–2–T	8	SP–1–T	2	RIGHT	–	–	
F	19–4–70	20'	12'	MAS	SV–1–T	–	–	2	LEFT	90W	4251	EXISTING SNS "Whitson Ave" ON SIGNAL POLE, EVB AND R10-12 ON SMA TO REMAIN.
G	1–A (10')	–	–	–	TV–2–T	2	SP–1–T	–	–	–	–	

NOTES: * ALL EQUIPMENT IS EXISTING UNLESS NOTED WITH (N).

GENERAL NOTES:

1. WORK SHALL BE DONE IN ACCORDANCE WITH THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, 2015 EDITION, THE LATEST CALTRANS ADOPTED EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD), THE LATEST EDITION OF THE CITY OF SELMA STANDARD SPECIFICATIONS AND DRAWINGS.
2. THESE PLANS ARE ACCURATE FOR ELECTRICAL WORK ONLY.
3. NO ABOVE GROUND WORK, EXCEPT SERVICE EQUIPMENT, SHALL BE PERFORMED UNTIL THE CONTRACTOR HAS ALL MATERIALS ON HAND TO COMPLETE THAT PARTICULAR SIGNAL LOCATION OR LIGHTING CIRCUIT.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UTILITIES WHETHER OR NOT THEY ARE SHOWN ON THESE PLANS, AND SHALL PROVIDE PROTECTION PRIOR TO, DURING AND AFTER TRENCHING, JACKING AND/ OR BORING. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA), BY CALLING 1-800-227-2600 AT LEAST TWO (2) WORKING DAYS BEFORE BEGINNING WORK.
5. CONDUIT INSTALLATION ACROSS ROADWAYS SHALL BE BY JACKING AND DIRECTIONAL DRILLING METHODS UNLESS OTHERWISE NOTED ON THE PLANS.
6. CONTRACTOR SHALL ARRANGE WITH UTILITY COMPANIES FOR ALL REQUIRED UTILITY REALLOCATIONS, INCLUDING OVERHEAD CONFLICTS.
7. ALL TRAFFIC SIGNAL AND LIGHTING FACILITIES, INCLUDING CABINETS, STANDARDS, PULL BOXES, CONDUITS AND LOOP DETECTORS, ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. AFTER ALL UNDERGROUND UTILITIES ARE MARKED, THE CONTRACTOR SHALL MARK FINAL LOCATIONS IN THE FIELD AND NOTIFY THE ENGINEER AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK TO VERIFY THE MARKED LOCATIONS.
8. PULL BOXES SHALL BE NO. 5(E), UNLESS OTHERWISE NOTED ON THE PLANS. PULL BOXES SHALL NOT BE INSTALLED IN CURB RAMPS. ALL PULL BOXES SHALL BE AT A MAXIMUM OF 200' APART.
9. ALL PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL BE SURROUNDED BY A ONE (1) FOOT WIDE CONCRETE COLLAR, TO A DEPTH EQUAL TO THE PULL BOX AND EXTENSION, PER CITY OF FRESNO SPECIFICATIONS. ALL CONDUIT ENTRIES INTO ADVANCE DETECTION, INTERMEDIATE DETECTION, AND STREET LIGHTING PULL BOXES INSTALLED IN NON-CONCRETE AREAS SHALL ENTER THE PULL BOX FROM THE BOTTOM, USING 90 DEGREE ELBOWS AND EXTENDING 3 TO 5 INCHES ABOVE THE FINISHED GROUT.
10. ALL CONDUITS SHALL HAVE BUSHINGS INSTALLED PRIOR TO INSTALLING CONDUCTORS. STEEL CONDUITS SHALL HAVE LAY IN STYLE LUGS THAT ARE CAST INTEGRAL WITH THE BUSHING.
11. CONDUIT BENDS OF 90 DEGREES ARE PROHIBITED UNLESS OTHERWISE NOTED OR WRITTEN PERMISSION IS GIVEN BY THE CITY OF SELMA ENGINEER.
12. ALL NEUTRAL CONDUCTORS SHALL BE WHITE IN COLOR THROUGHOUT THEIR ENTIRE LENGTH.
13. TRAFFIC SIGNAL CABLE SHALL NOT BE SPLICED BETWEEN THE CONTROLLER CABINET AND THE TERMINAL COMPARTMENTS MOUNTED ON THE POLES. DETECTOR CABLES SHALL NOT BE SPLICED BETWEEN THE CONTROLLER CABINET AND THE PULL BOX ADJACENT TO THE DETECTOR LEAD-IN.
14. SEAL CONDUIT WITH AN APPROVED DUCT SEAL AFTER ALL CONDUCTORS HAVE BEEN INSTALLED.
15. SEALANT FOR FILLING THE SAWCUT LOOPS SLOTS SHALL BE HOT-MELT RUBBERIZED ASPHALT SEALANT PER STATE OF CALIFORNIA SPECIFICATIONS. OR LOOP SEALANT SHALL BE ELASTOMERIC SEALANT 3M, BLACK 5000.
16. PEDESTRIAN PUSH BUTTONS SHALL HAVE 2" DIAMETER ACTUATORS AND COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA).
17. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL UTILIZE LIGHT EMITTING DIODE (LED) SIGNAL MODULES IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. VEHICLE SIGNAL SECTIONS SHALL HAVE 12" (300 mm) DIAMETER LENSES WITH BACKPLATES AND TUNNEL VISORS. ALL VEHICLE AND PEDESTRIAN SIGNAL SECTIONS SHALL HAVE METAL AND RUBBER WASHERS INSTALLED ON THE INSIDE OF THE HEAD.
18. FIXTURE BALLAST SHALL HAVE HIGH POWER FACTOR.
19. PEDESTRIAN SIGNAL UNITS SHALL BE FULL SYMBOL, MUTCD COMPLIANT, LED TYPE A. SIGNAL ALIGNMENT SHALL BE AS DIRECTED BY THE ENGINEER.
20. ALL SIGNS SHALL BE 3M-3930HIP TYPE III & IV SERIES REFLECTIVE SHEETING AND BE COVERED WITH 1160A PREMIUM OVERLAY ANTI-GRAFFITI FILM OR AVERY DENNISON T6500 SERIES REFLECTIVE SHEETING AND SHALL BE COVERED WITH AVERY DENNISON OL1000 ANTI-GRAFFITI OVERLAY FILM.
21. TONEABLE CONDUIT SHALL BE CHECKED FOR CONTINUITY AND BONDED TO EARTH GROUND.
22. CONDUITS EXITING THE CONTROLLER FOUNDATION AND ENTERING INTO THE CONTROLLER CABINET SHALL BE ALIGNED TO ENTER WITHIN THE TEES SPECIFIED CABINETS WITHOUT ANY MODIFICATIONS TO THE CABINET BASE.
23. ALL RESURFACING SHALL MATCH EXISTING SURFACES AFTER SIGNAL FACILITIES ARE REMOVED AND/OR RELOCATED.
24. ALL LUMINARE CIRCUITS SHALL BE FUSED. THE FUSE SHALL BE LOCATED IN THE POLE HAND HOLE AT EACH POLE (5 AMP KTK FUSE IN TRON HEB TYPE FUSE HOLDER).

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

811 CALL BEFORE YOU DIG

JLB TRAFFIC ENGINEERING, INC.
516 W. SHAW AVE., STE. 103
FRESNO, CA 93704
PHONE:(559) 570-8991
EMAIL: info@JLBtraffic.com

TENTATIVE PLANS FOR DESIGN
SUPERVISING ENGINEER DATE

STEVEN LUIS BENAVIDES No. 90016 Exp. 12/31/21 CIVIL STATE OF CALIFORNIA

PROJECT
GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS
SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

WHITSON ST AT THOMPSON AVE
EQUIPMENT AND CONDUCTOR SCHEDULE

DRAWING NO. E-13 SHEET NO. 124 TOTAL 154

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PLOT DATE: 2/23/2021 8:42:53 AM
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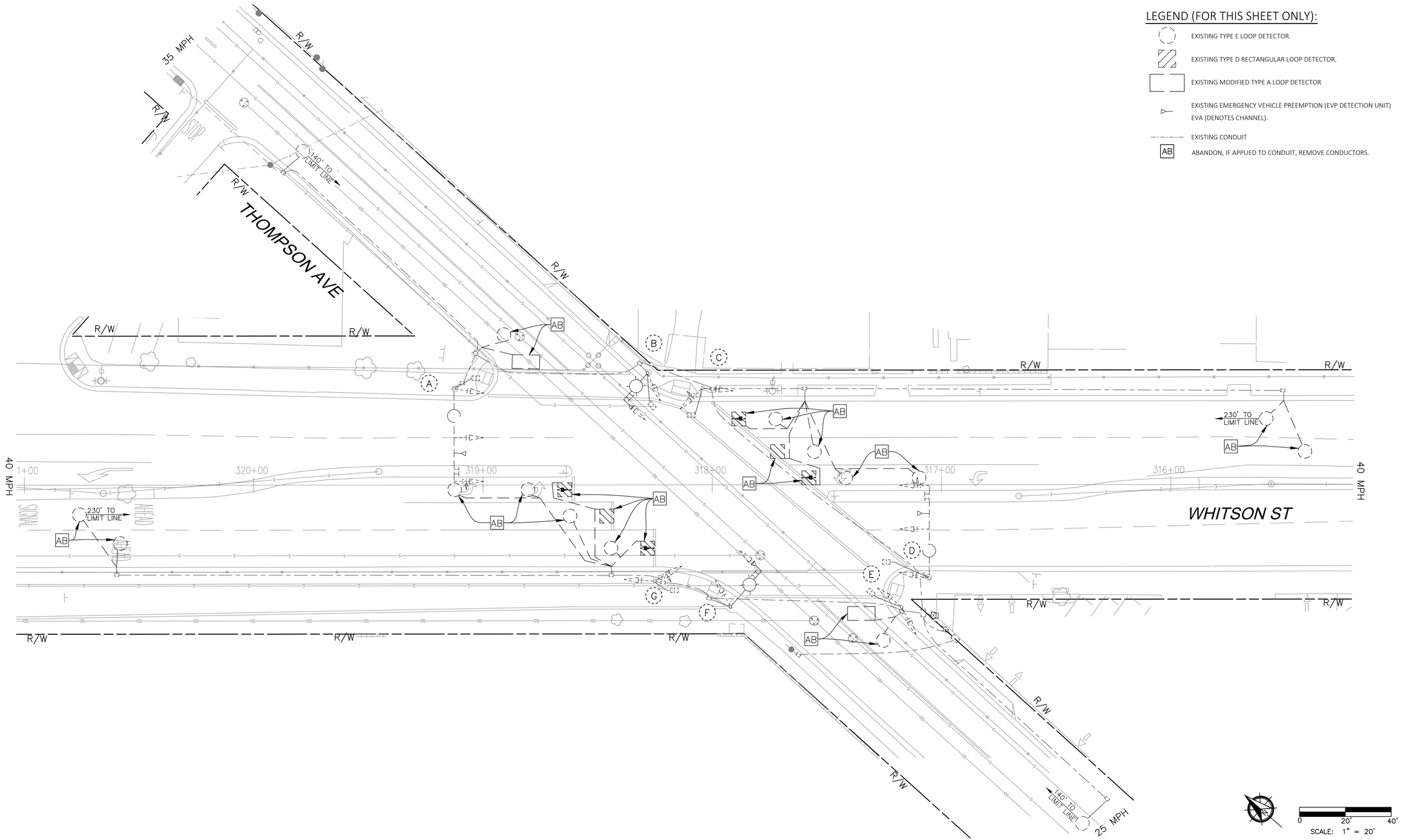

		DATE	RECORD DRAWING	
DESIGNED:	J. BENAVIDES	02/23/2021	RESIDENT ENGINEER	DATE
DRAWN:	C. AYALA-MAGANA	02/23/2021		
CHECKED:	J. RIOS	02/23/2021		

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811 CALL BEFORE YOU DIG

JLB TRAFFIC ENGINEERING, INC.
516 W. SHAW AVE., STE. 103
FRESNO, CA 93704
PHONE:(559) 570-8991
EMAIL: info@JLBtraffic.com

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART D. GOLDSTEIN REGISTERED PROFESSIONAL ENGINEER No. 6 90071 Exp. 06/30/22 CIVIL STATE OF CALIFORNIA

PROJECT

GOLDEN STATE CORRIDOR - ECONOMIC DEVELOPMENT AND INFRASTRUCTURE IMPROVEMENTS

SELMA REGION

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

WHITSON ST AT THOMPSON AVE
DEMOLITION PLAN

DRAWING NO. E-14 SHEET NO. 125 TOTAL 154

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EXISTING TREES TO REMAIN

EXISTING TREES	BOTANICAL / COMMON NAME	CONT	QTY
	LAGERSTROEMIA INDICA 'WHITE' CRAPE MYRTLE	EXISTING	7
	PINUS CANARIENSIS CANARY ISLAND PINE	EXISTING	4
	PISTACIA CHINENSIS CHINESE PISTACHE	EXISTING	5
	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	EXISTING	13
	SEQUOIA SEMPERVIRENS COAST REDWOOD	EXISTING	2

TREE SCHEDULE

TREES	BOTANICAL / COMMON NAME	CONT	WATER USE	QTY
	ARBUTUS UNEDO STRAWBERRY TREE SHRUB	15 GAL	L	144
	LAGERSTROEMIA INDICA 'WHITE' CRAPE MYRTLE	15 GAL	L	291
	QUERCUS LOBATA VALLEY OAK	15 GAL	L	4

REFERENCE NOTES SCHEDULE

SYMBOL	ROOT BARRIER DESCRIPTION	QTY
	ROOT BARRIER–10' LONG X 24" DEEP	4,227 LF

SYMBOL	ROCK DESCRIPTION	QTY
	CONCRETED ROCK SLOPE PROTECTION (COBBLE, METHOD A) 6–8" COBBLE	113.29 CY

SYMBOL	MULCH DESCRIPTION	QTY
	MULCH – WALK ON BARK–3 IN DEPTH	808.24 CY

PLANT SCHEDULE

SHRUBS	BOTANICAL / COMMON NAME	SIZE	WATER USE	QTY
	CALLISTEMON VIMINALIS 'LITTLE JOHN' DWARF WEEPING BOTTLEBRUSH	5 GAL	L	367
	DIETES X 'LEMON DROP' FORTNIGHT LILY	1 GAL	L	289
	MUHLENBERGIA CAPILLARIS PINK MUHLY	1 GAL	L	186
	MUHLENBERGIA RIGENS DEER GRASS	1 GAL	L	824
	NEPETA X 'WALKER'S LOW' WALKER'S LOW CATMINT	1 GAL	L	63
	ROSA FLORIBUNDA 'JULIA CHILDS' JULIA CHILDS ROSE	5 GAL	M	36
	ROSMARINUS OFFICINALIS 'BLUE SPIRES' ROSEMARY	5 GAL	L	365
	ROSMARINUS OFFICINALIS 'HUNTINGTON CARPET' HUNTINGTON CARPET ROSEMARY	5 GAL	L	1,420

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DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

LICENSED LANDSCAPE ARCHITECT Justice Boyd 10001 STATE OF CALIFORNIA

PROJECT
GOLDEN STATE BOULEVARD
CITY OF SELMA, CA

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING LEGEND

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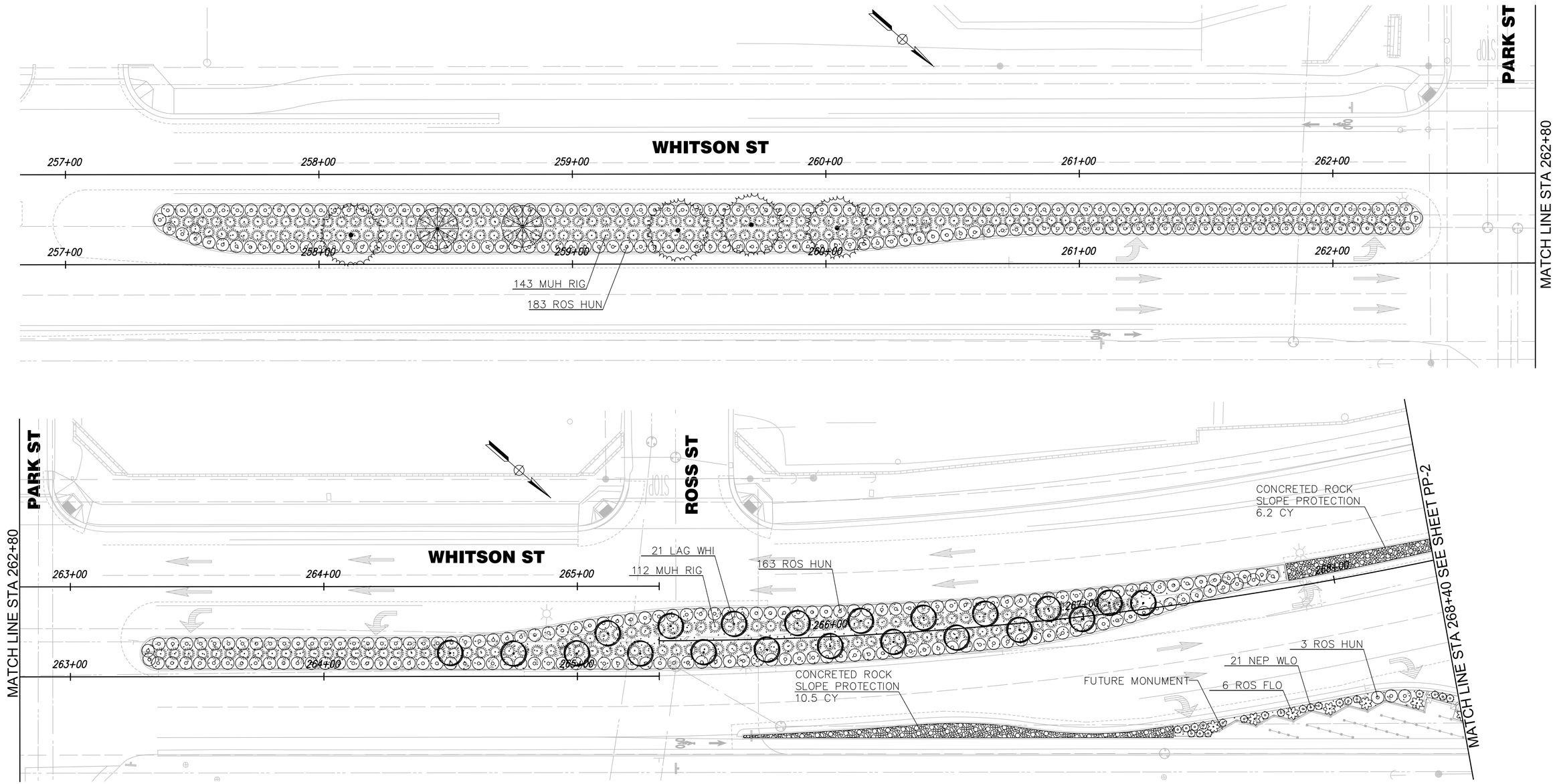

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CHECKED: PB	01/19/21		

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Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART LICENSED LANDSCAPE ARCHITECT Patrick Boyd 2021 NO. 5555 STATE OF CALIFORNIA

100%

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING PLAN

DRAWING NO. PP-1 SHEET NO. 127 TOTAL 154

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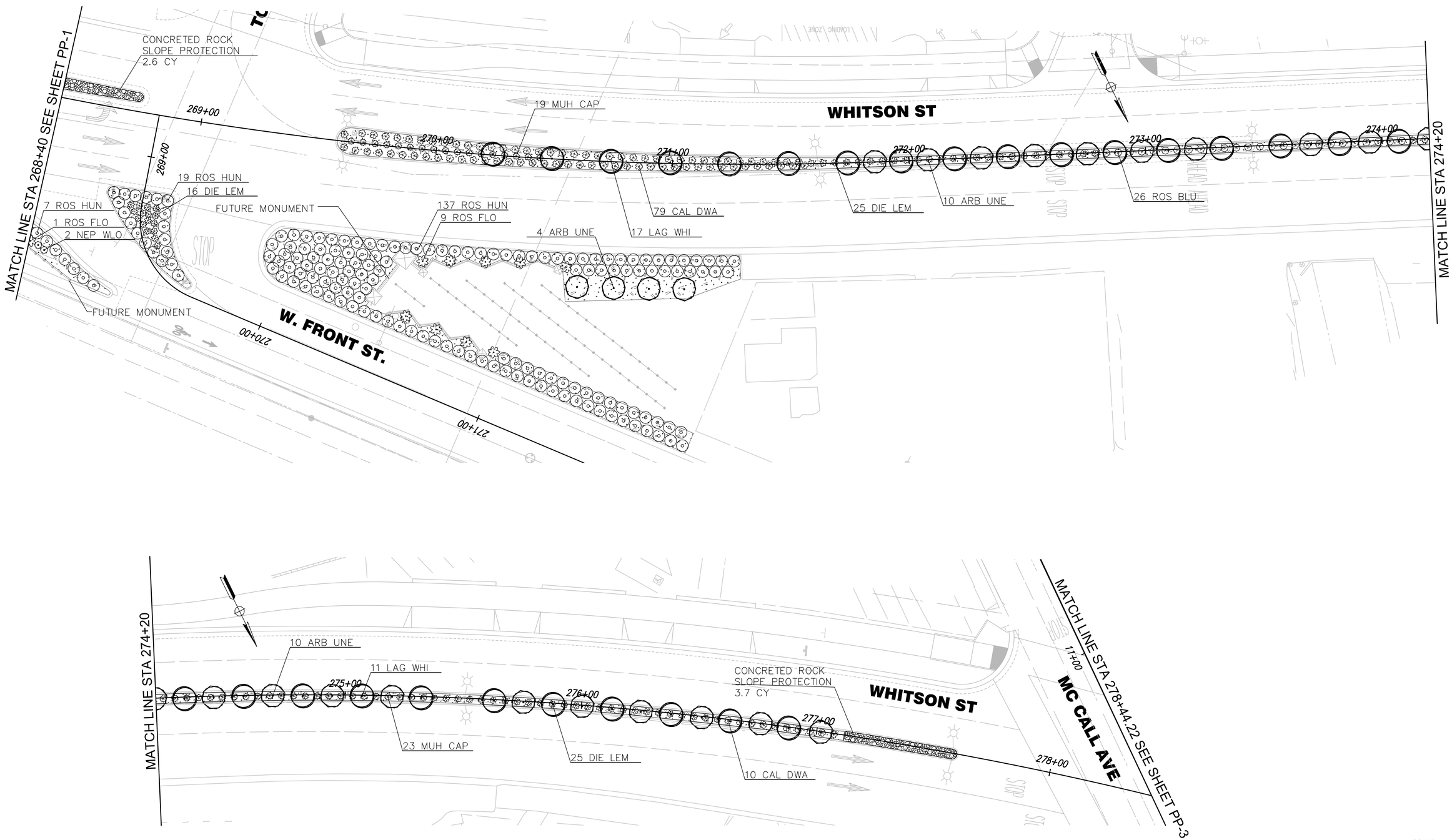

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DRAWN: KJ	12/14/20		
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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART BOYD LICENSED LANDSCAPE ARCHITECT 4215 JULY 15, 2021 STATE OF CALIFORNIA

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING PLAN

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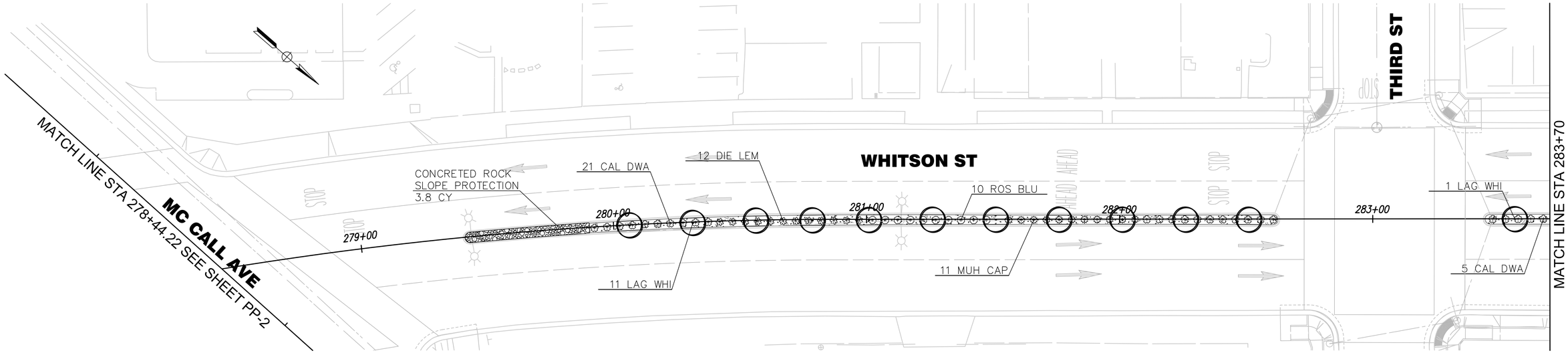

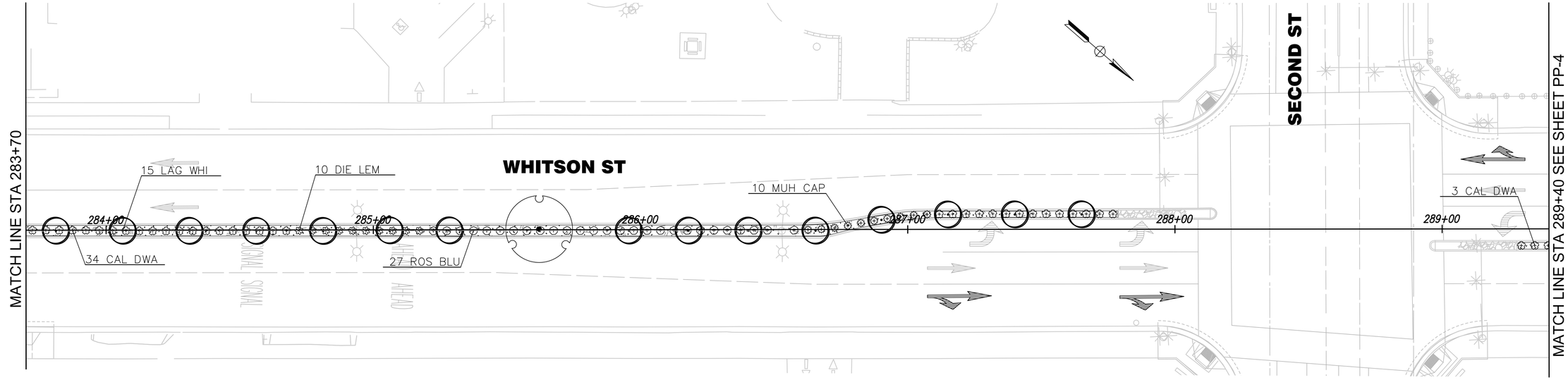

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TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

LICENSED LANDSCAPE ARCHITECT Patrick Boyd 10001 STATE OF CALIFORNIA

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING PLAN

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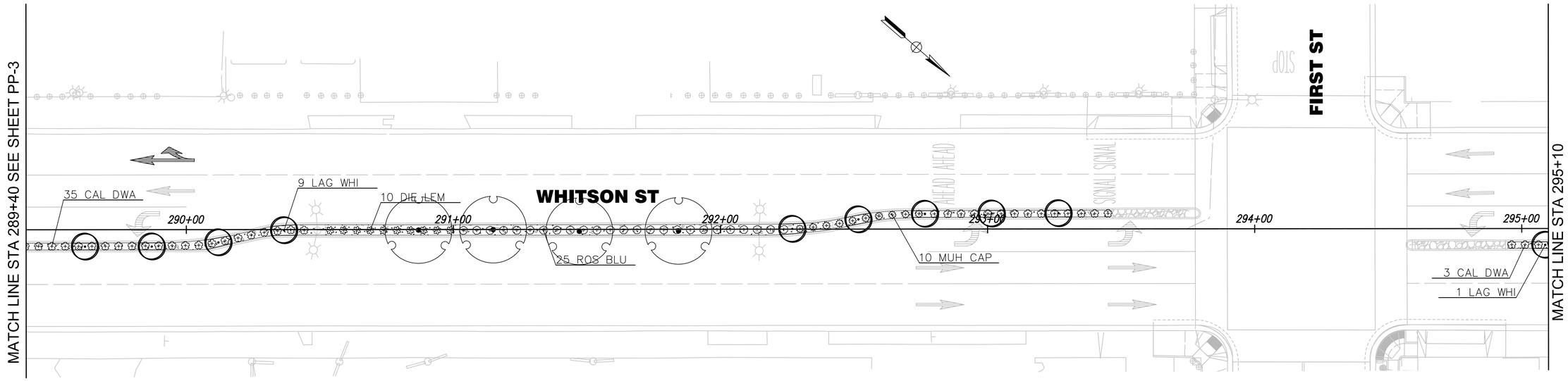

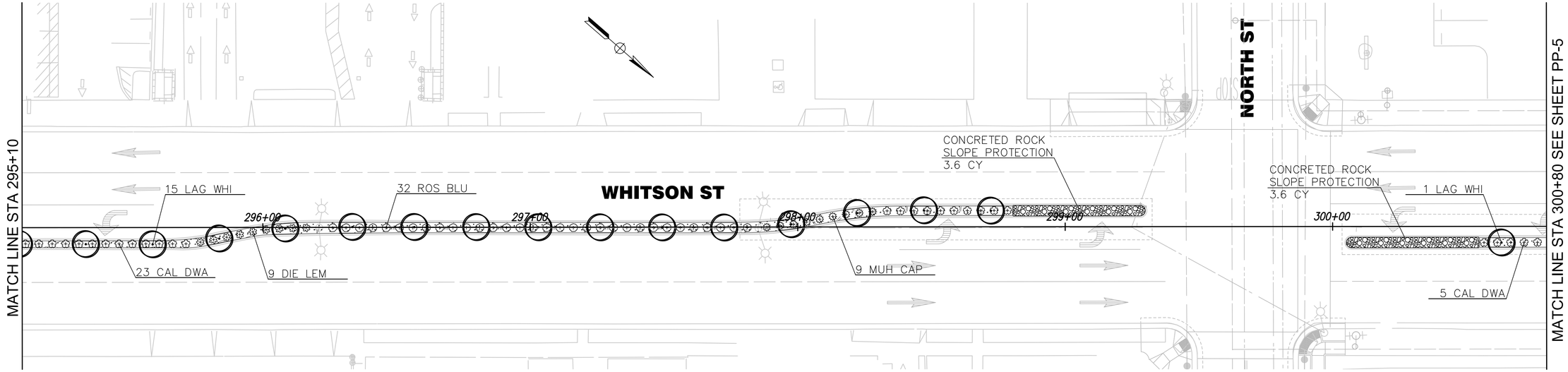

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CHECKED: PB	01/19/21		

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P.O. Box 27616 Fresno, CA 93729
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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART LICENSED LANDSCAPE ARCHITECT Patrick Boyd 10001 STATE OF CALIFORNIA

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING PLAN

DRAWING NO. PP-4 SHEET NO. 130 TOTAL 154

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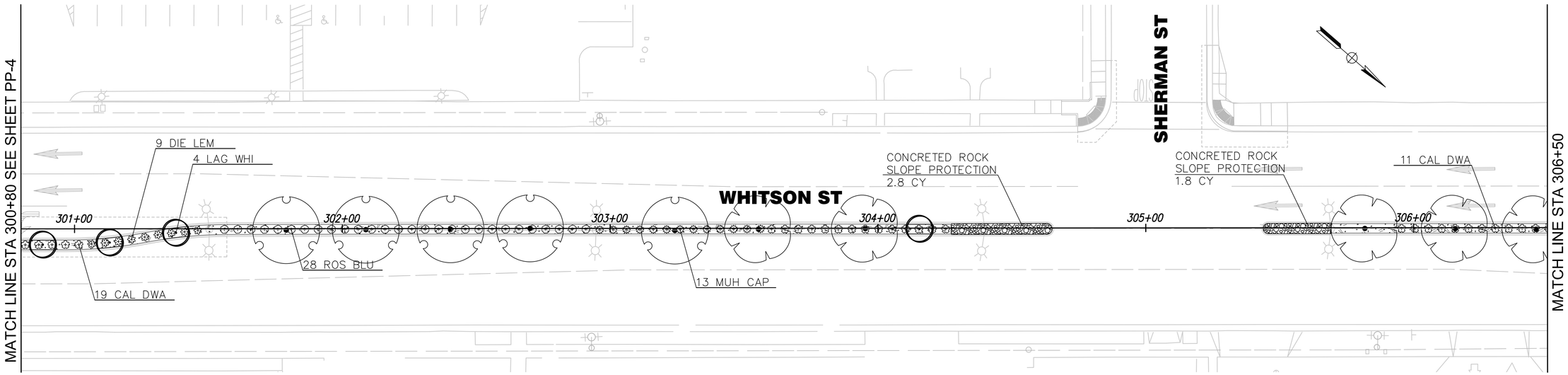

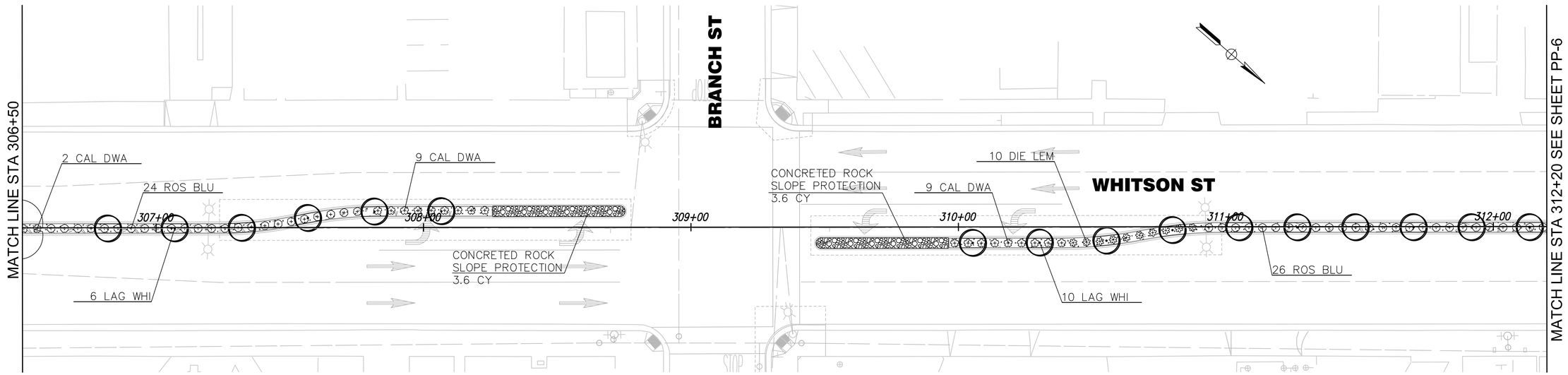

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DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART LICENSED LANDSCAPE ARCHITECT Patrick Boyd 4/19/21 STATE OF CALIFORNIA 100%

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING PLAN

DRAWING NO. PP-5 SHEET NO. 131 TOTAL 154

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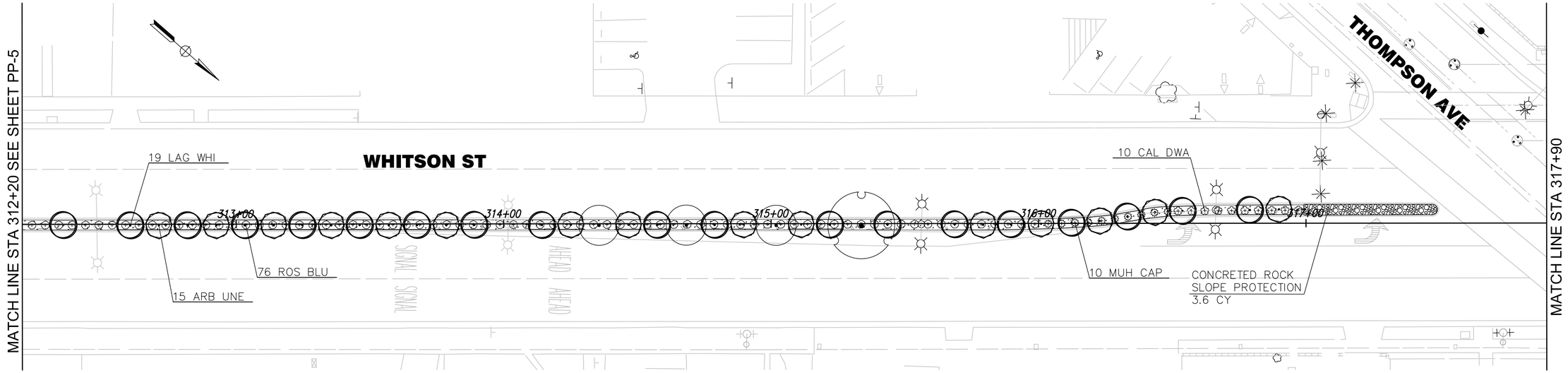

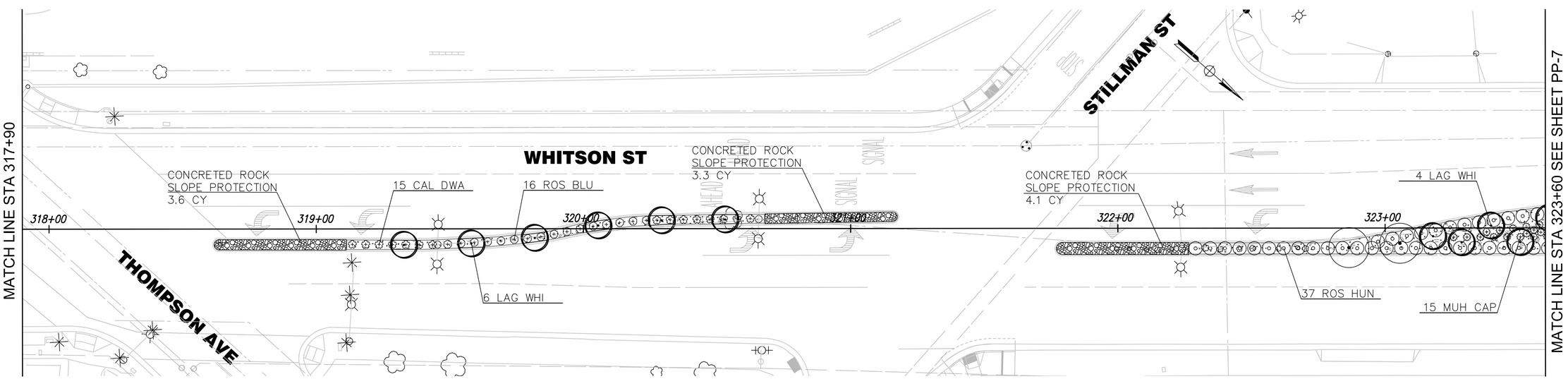

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DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

LICENSED LANDSCAPE ARCHITECT Patrick Boyd 100% STATE OF CALIFORNIA

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING PLAN

DRAWING NO. PP-6 SHEET NO. 132 TOTAL 154

PATH: D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-008 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5.1-WORKINGLOT DATE: 2/22/2021 5:08:15 PM CAD USER: KONNI

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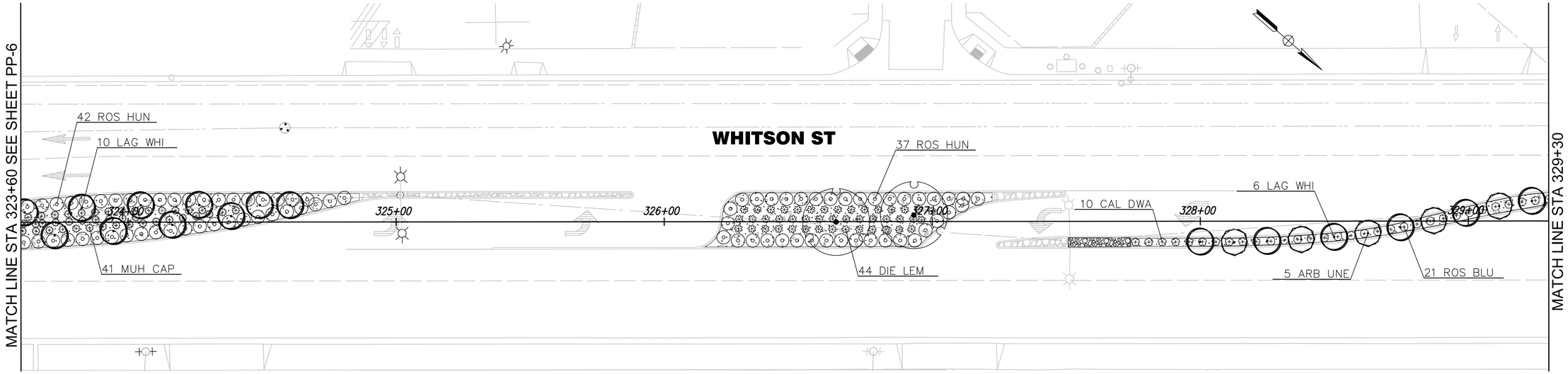

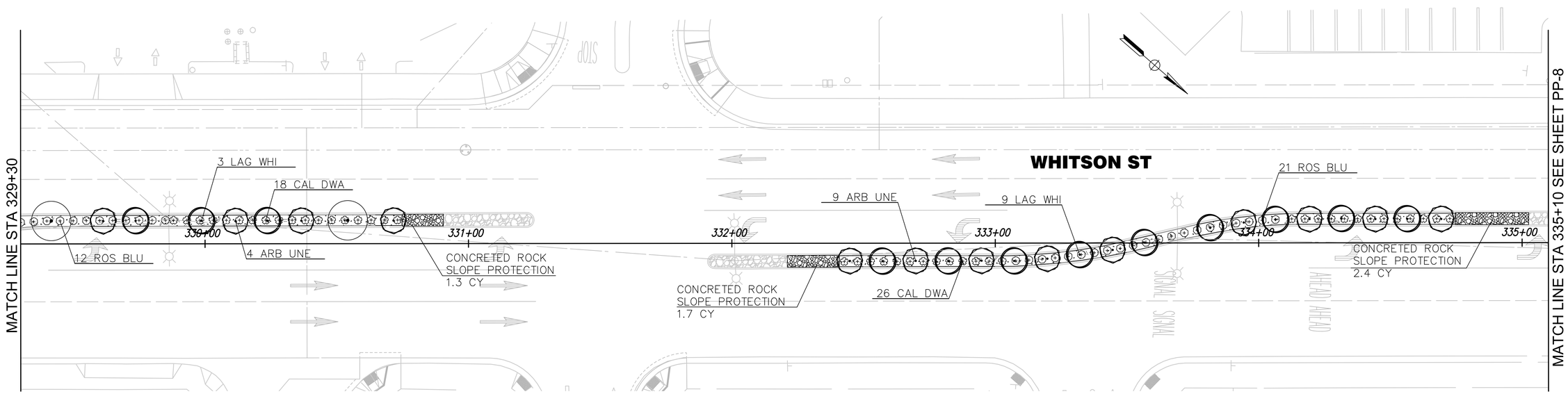

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	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

LICENSED LANDSCAPE ARCHITECT Patrick Boyd 2021 STATE OF CALIFORNIA 100%

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING PLAN

DRAWING NO. PP-7 SHEET NO. 133 TOTAL 154

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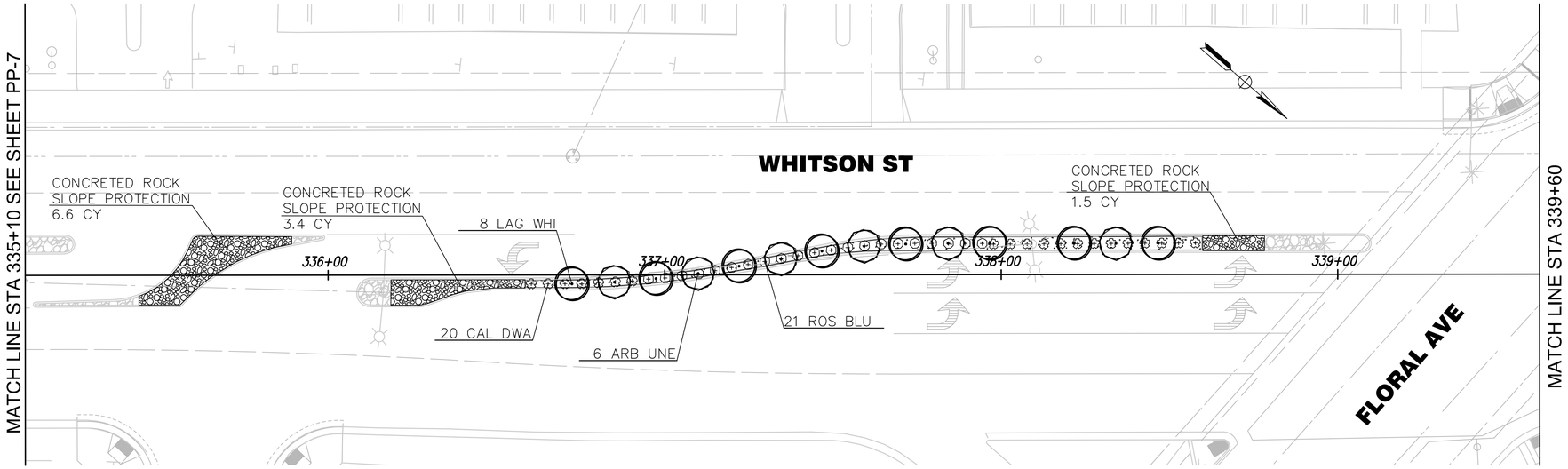

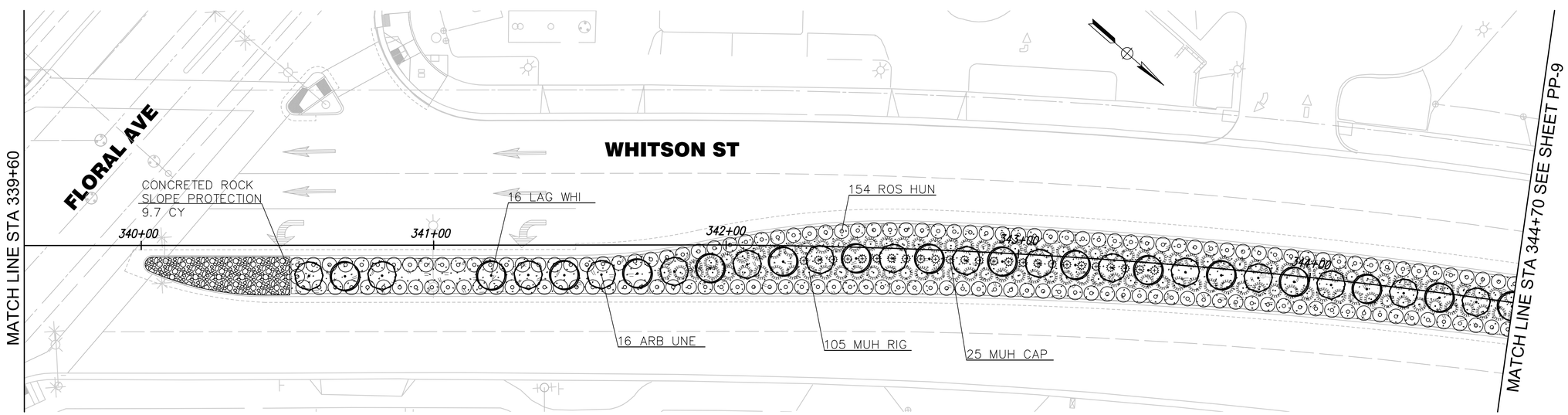

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	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART LEE BOYD LICENSED LANDSCAPE ARCHITECT No. 2604 STATE OF CALIFORNIA 100%

PROJECT
GOLDEN STATE BOULEVARD
CITY OF SELMA, CA

CITY of SELMA PROGRESSIVE WATERFRONT CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING PLAN

DRAWING NO. PP-8 SHEET NO. 134 TOTAL 154

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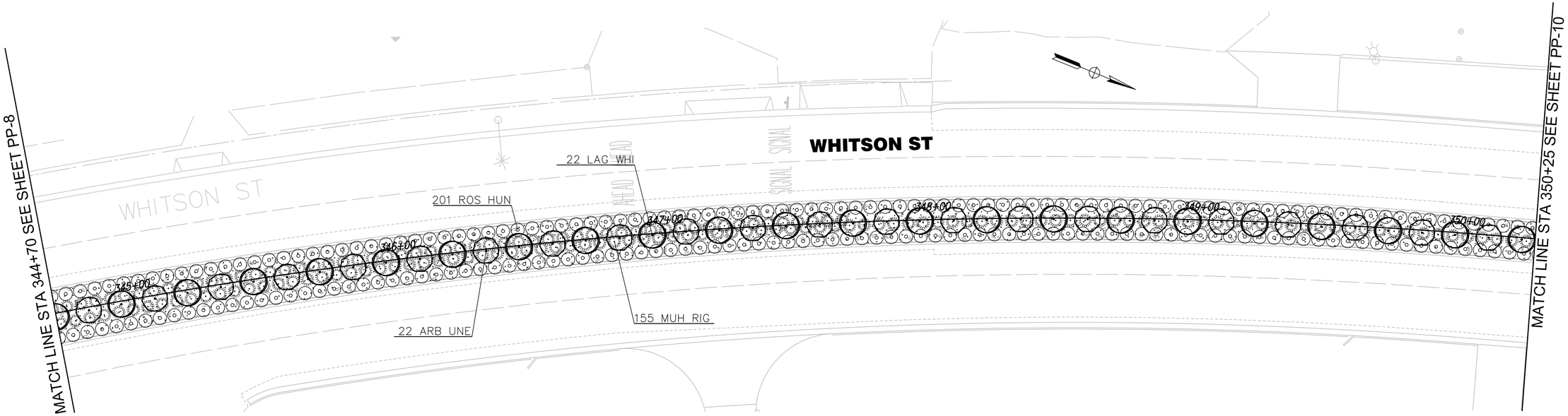

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DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

LICENSED LANDSCAPE ARCHITECT PATTICE BOYD 4190 STATE OF CALIFORNIA

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING PLAN

DRAWING NO. PP-9 SHEET NO. 135 TOTAL 154

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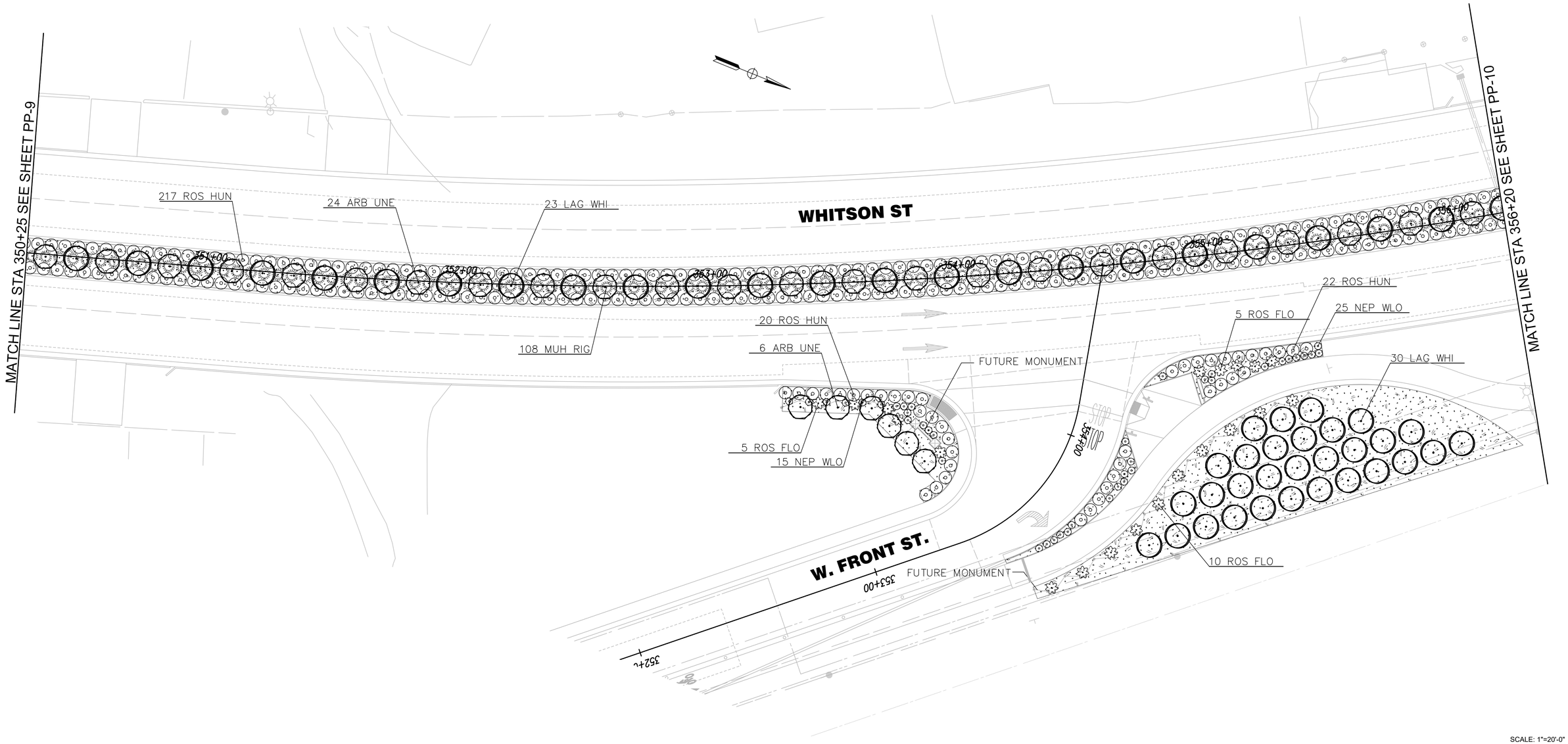

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DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

LICENSED LANDSCAPE ARCHITECT Patrick Boyd STATE OF CALIFORNIA

100%

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING PLAN

DRAWING NO. PP-10 SHEET NO. 136 TOTAL 154

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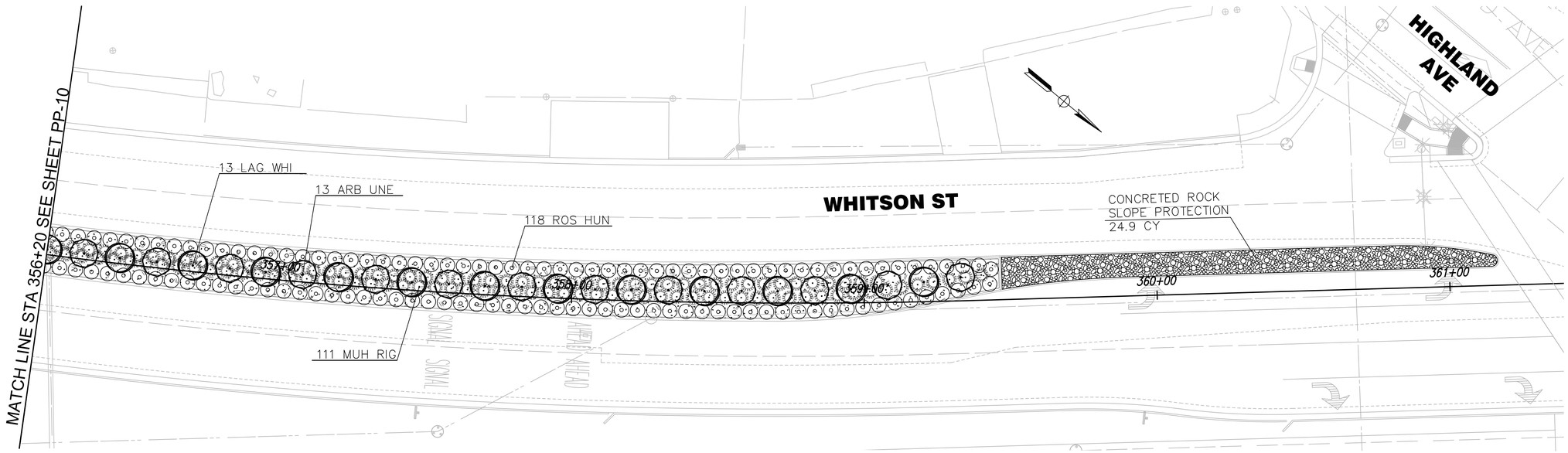

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CHECKED: PB	01/19/21		

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Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN STUDY ONLY
SUPERVISING ENGINEER DATE

LICENSED LANDSCAPE ARCHITECT
Paul G. Boyd
No. 1004
STATE OF CALIFORNIA

PROJECT
GOLDEN STATE BOULEVARD
CITY OF SELMA, CA

CITY of SELMA
CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING PLAN

DRAWING NO. PP-11 SHEET NO. 137 TOTAL 154

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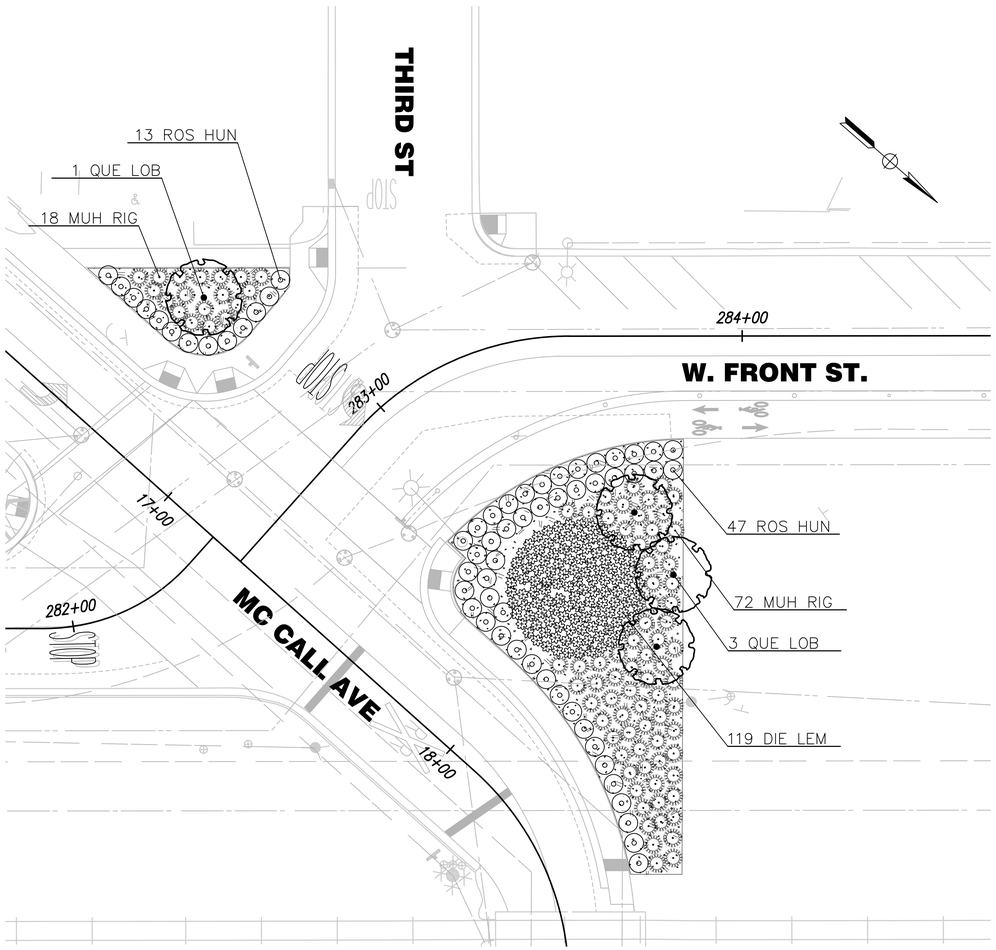
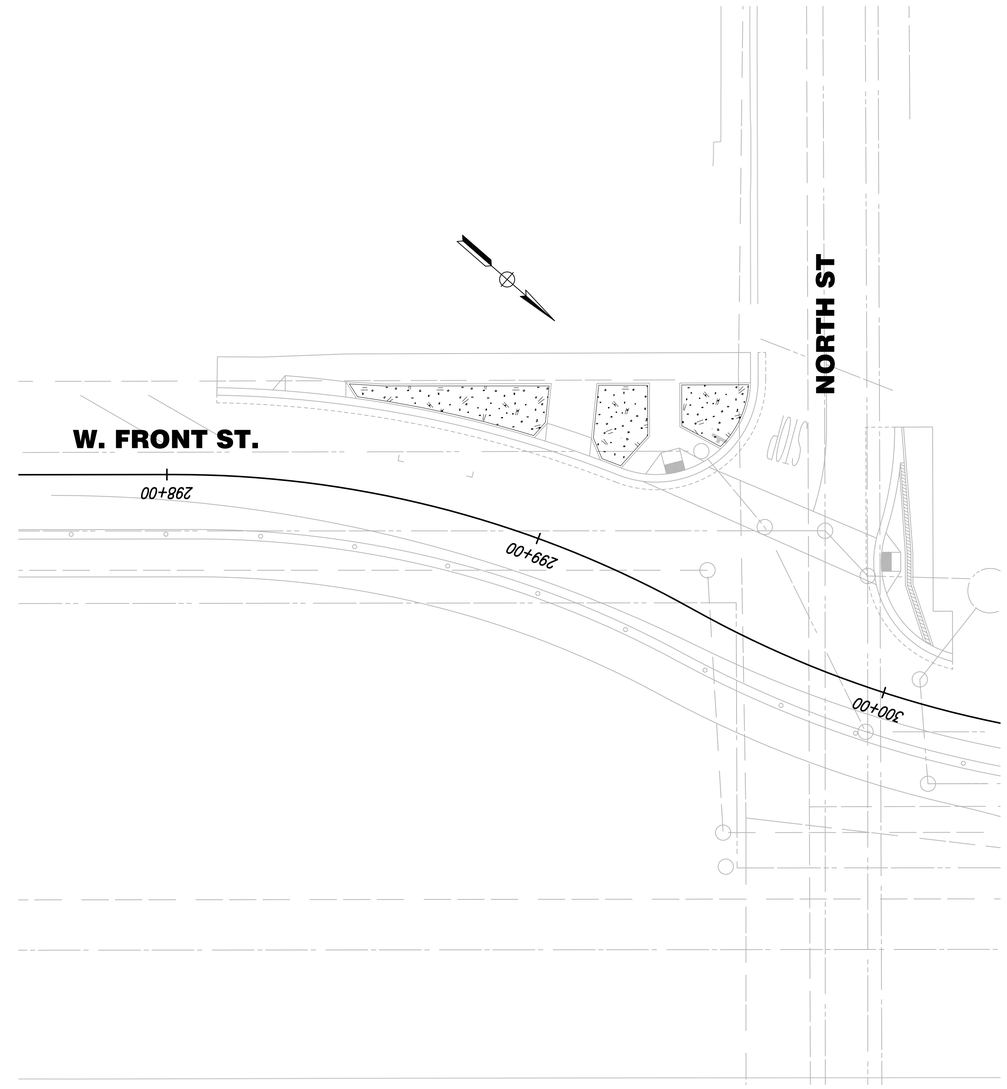


W. FRONT STREET AT McCALL AVE



W. FRONT STREET AT NORTH ST

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DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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TENTATIVE PLANS FOR DESIGN STUDY
SUPERVISING ENGINEER DATE

LICENSED LANDSCAPE ARCHITECT
Patrick Boyd
No. 2522
STATE OF CALIFORNIA
100%

PROJECT
GOLDEN STATE BOULEVARD
CITY OF SELMA, CA

CITY of SELMA
CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLANTING PLAN

DRAWING NO. PP-12 SHEET NO. 138 TOTAL 154

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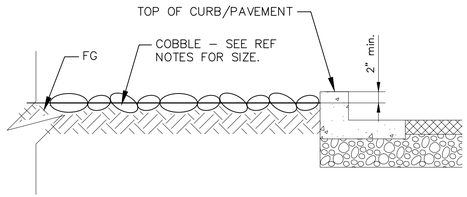
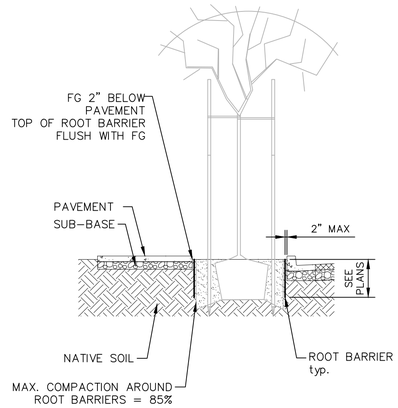
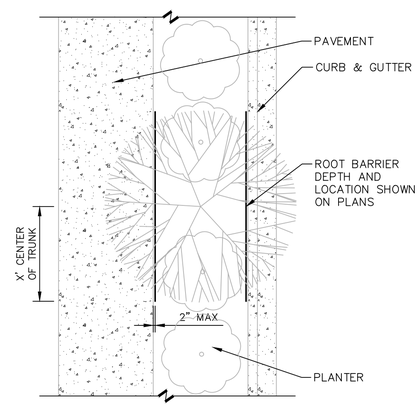


1 CONCRETED ROCK SLOPE PROTECTION

3/4" = 1'-0" DL-HA-STO-01





NOTE:
1. ROOT BARRIERS SHALL BE INSTALLED PER MANUFACTURERS SPECIFICATIONS.
2. LENGTH AND DEPTH INDICATED ON PLANS.

2 LINEAR ROOT BARRIER

1/4" = 1'-0" DL-PL-TRE-11

	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART LANDSCAPE ARCHITECT 10001 STATE OF CALIFORNIA

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LANDSCAPE DETAILS

DRAWING NO. LD-1 SHEET NO. 139 TOTAL 154

PATH:D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-006 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5.1-WORKINGLOT DATE:2/22/2021 5:08:24 PM CAD USER: KONNI
RAWING TEXT (NOT TO BE PLOTTED): 15-05-006R2_100_PPnew.dwg

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	ARC	PSI	GPM	RADIUS
⊠	TREE WELL SPRINKLER ASSEMBLY 0.25 GPH HEADS	938	360	20	0.25	3'

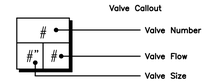
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	DRIP VALVE ASSEMBLY 1" 0.10GPM–30.0GPM.	19
	FLUSH VALVE PLUMBED TO FLUSH MANIFOLD AT LOW POINT.	35
	AREA TO RECEIVE DRIPLINE DRIP LINE DRIP–IN PRESSURE COMPENSATING LANDSCAPE DRIPLINE. 0.53 GPH EMITTERS AT 18" O.C. DRIPLINE LATERALS SPACED AT 24" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN.	58,589 L.F.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	REMOTE CONTROL VALVE 1" .	20
	BALL VALVE BRASS OR BRONZE. LINE SIZE.	17
	GATE VALVE IRON OR BRONZE. LINE SIZE	5
MV	MASTER VALVE 2" .	5
BF	BACKFLOW PREVENTER ASSEMBLY 2" REDUCED PRESSURE BACKFLOW PREVENTER IN CAGE	5
A	IRRITROL MC–12–E WITH CLIMATE LOGIC 12– STATION, COMMERCIAL–GRADE CONTROLLER. EQUIPPED IN A RUGGED, LOCKABLE, VANDAL–PROOF, WEATHER RESISTANT STEEL CABINET IN PEDESTAL P–2B.	1
B	IRRITROL MC–12–E WITH CLIMATE LOGIC 12– STATION, COMMERCIAL–GRADE CONTROLLER. EQUIPPED IN A RUGGED, LOCKABLE, VANDAL–PROOF, WEATHER RESISTANT STEEL CABINET IN PEDESTAL P–2B.	1
C	IRRITROL MC–12–E WITH CLIMATE LOGIC 12– STATION, COMMERCIAL–GRADE CONTROLLER. EQUIPPED IN A RUGGED, LOCKABLE, VANDAL–PROOF, WEATHER RESISTANT STEEL CABINET IN PEDESTAL P–2B.	1
D	IRRITROL MC–12–E WITH CLIMATE LOGIC 12– STATION, COMMERCIAL–GRADE CONTROLLER. EQUIPPED IN A RUGGED, LOCKABLE, VANDAL–PROOF, WEATHER RESISTANT STEEL CABINET IN PEDESTAL P–2B.	1
E	IRRITROL MC–12–E WITH CLIMATE LOGIC 12– STATION, COMMERCIAL–GRADE CONTROLLER. EQUIPPED IN A RUGGED, LOCKABLE, VANDAL–PROOF, WEATHER RESISTANT STEEL CABINET IN PEDESTAL P–2B.	1

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
M1	WATER METER 2" PROPOSED LOCATION WM #1	1
M2	WATER METER 2" PROPOSED LOCATION WM #2	1
M3	WATER METER 2" PROPOSED LOCATION WM #3	1
M4	WATER METER 2" PROPOSED LOCATION WM #4	1
M5	WATER METER 2" PROPOSED LOCATION WM #5	1
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 3/4"	11,024 L.F.
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 1"	1,404 L.F.
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 1 1/4"	1,062 L.F.
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 1 1/2"	570.4 L.F.
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40 2"	1,188 L.F.
	IRRIGATION MAINLINE: PVC SCHEDULE 40 2"	7,306 L.F.
	PIPE SLEEVE: PVC CLASS 315 SDR 13.5	2,191 L.F.

Valve Callout



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DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

LICENSED LANDSCAPE ARCHITECT Rustice Boyd 10001 STATE OF CALIFORNIA

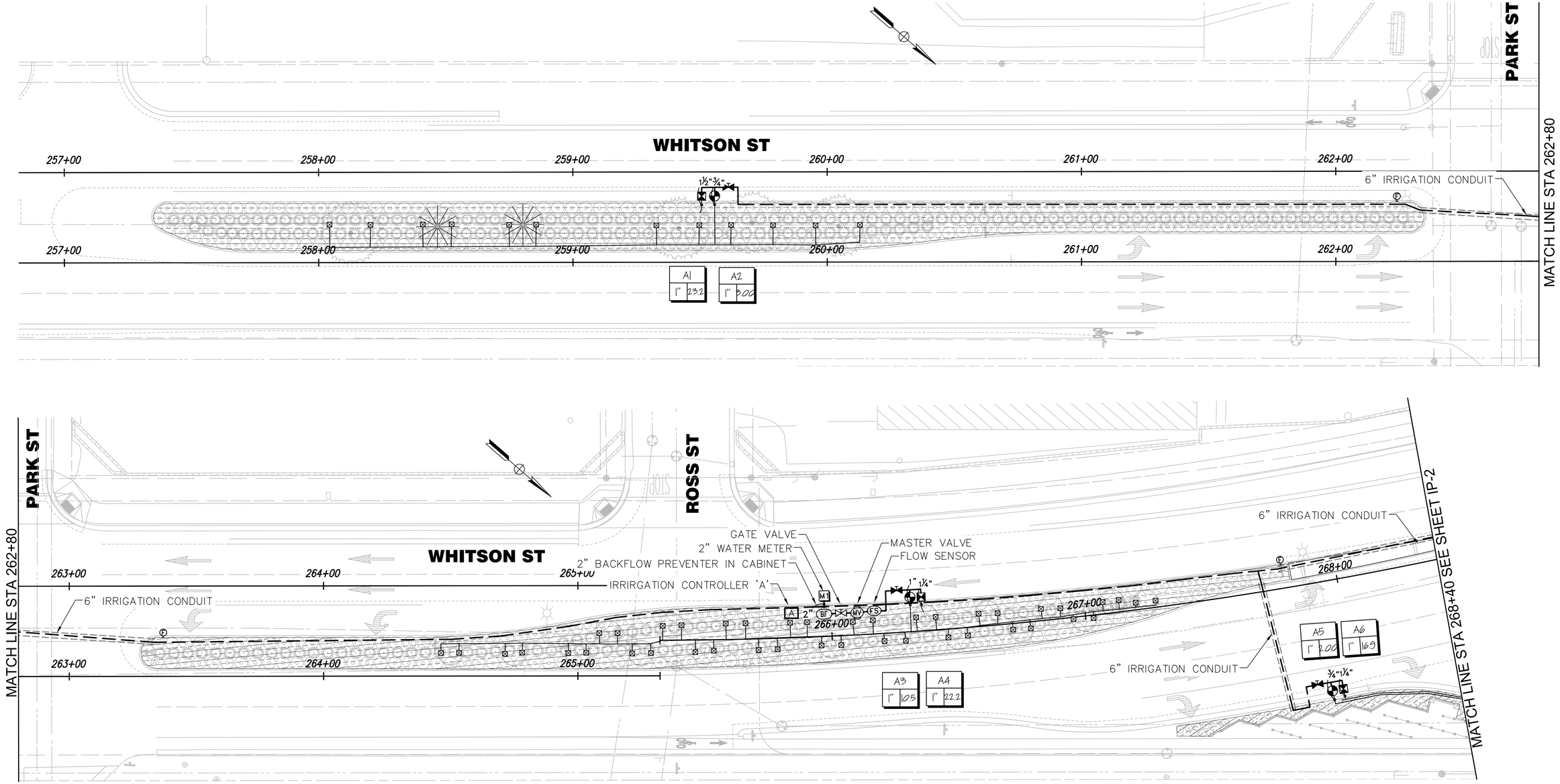
PROJECT
GOLDEN STATE BOULEVARD
CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

IRRIGATION LEGEND

DRAWING NO. IL-1 SHEET NO. 140 TOTAL 154



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DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART LICENSED LANDSCAPE ARCHITECT 2611 W. Beyer Lane Suite 101 Fresno, CA 93729 100% COMPLETE STATE OF CALIFORNIA

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

IRRIGATION PLAN

DRAWING NO. IP-1 SHEET NO. 141 TOTAL 154

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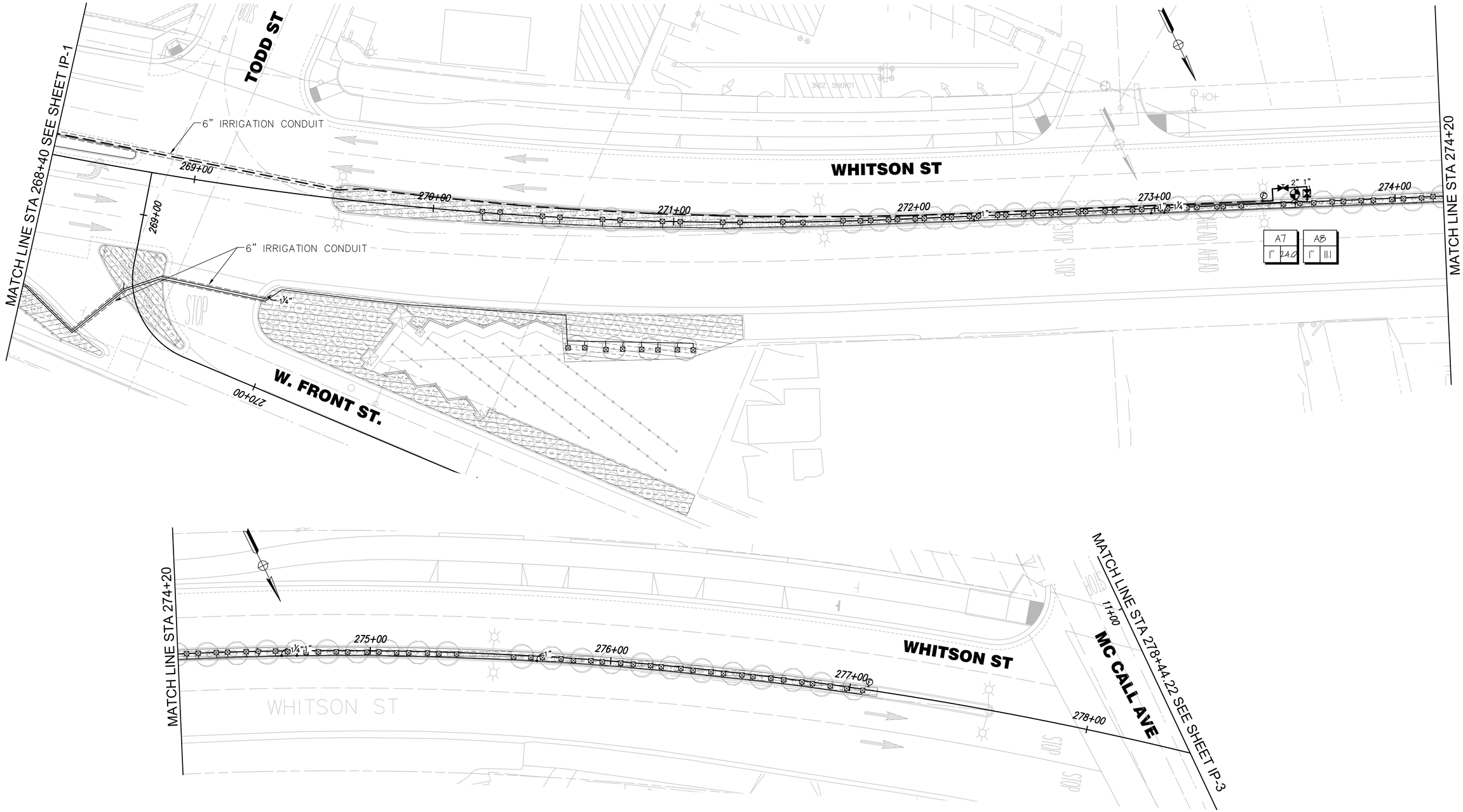

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DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

REGISTERED LANDSCAPE ARCHITECT Rollie Boyd No. 2500 STATE OF CALIFORNIA

PROJECT
GOLDEN STATE BOULEVARD
CITY OF SELMA, CA

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

IRRIGATION PLAN

DRAWING NO. IP-2 SHEET NO. 142 TOTAL 154

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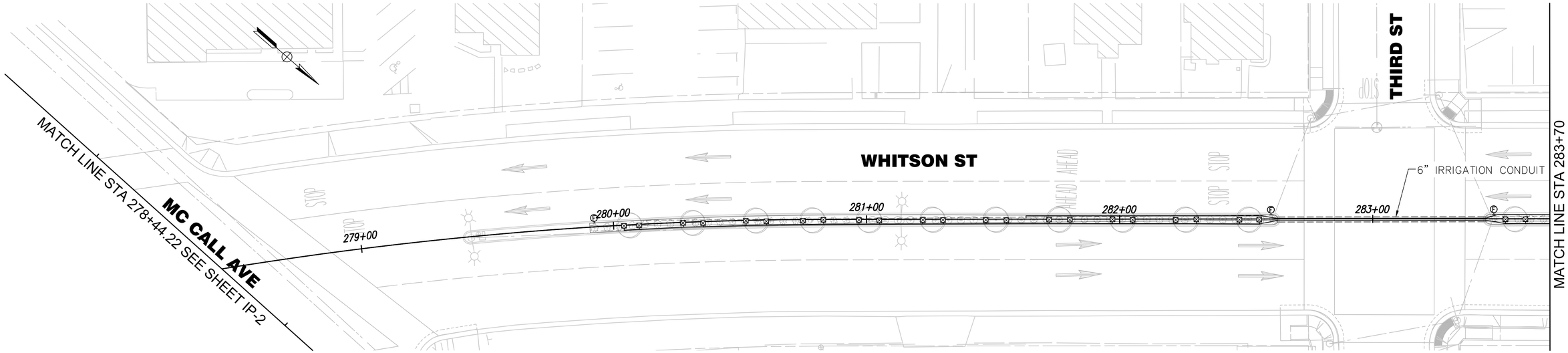

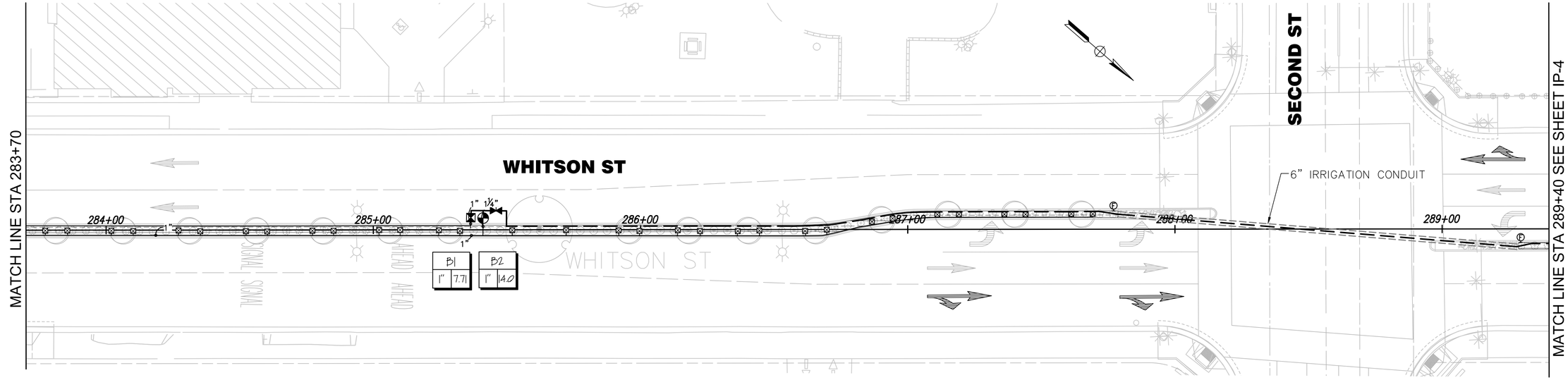

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DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN
SUPERVISING ENGINEER DATE

STUART LICENSED LANDSCAPE ARCHITECT 10001 STATE OF CALIFORNIA

PROJECT
GOLDEN STATE BOULEVARD
CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

IRRIGATION PLAN

DRAWING NO. IP-3 SHEET NO. 143 TOTAL 154

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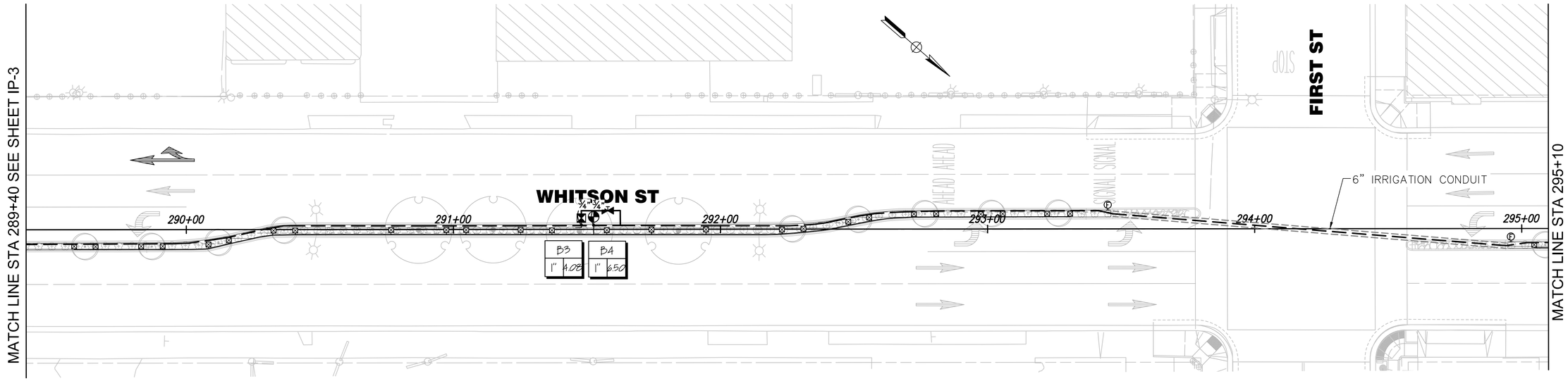

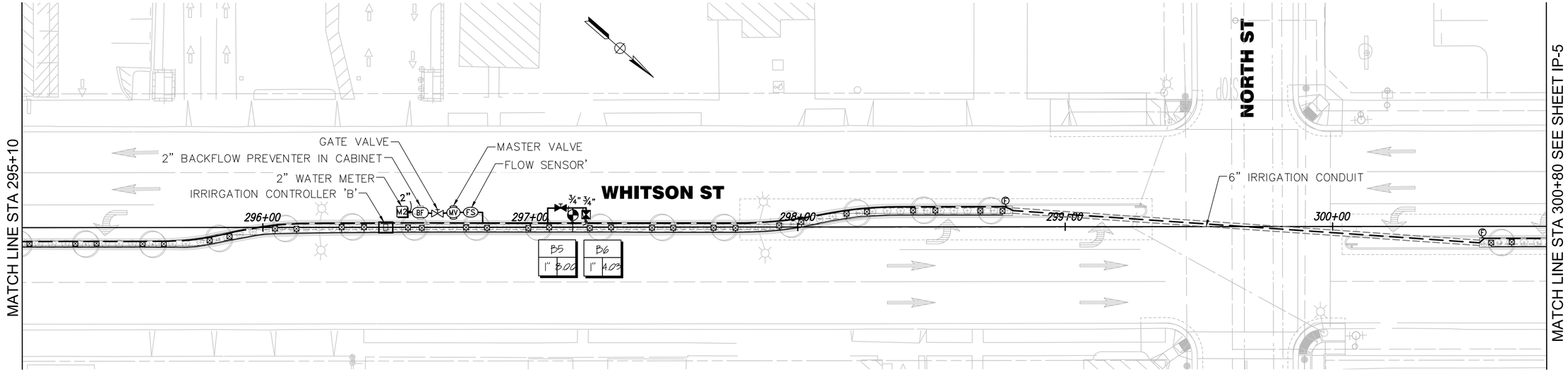

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	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART D. BOYD LICENSED LANDSCAPE ARCHITECT 1001 STATE OF CALIFORNIA

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

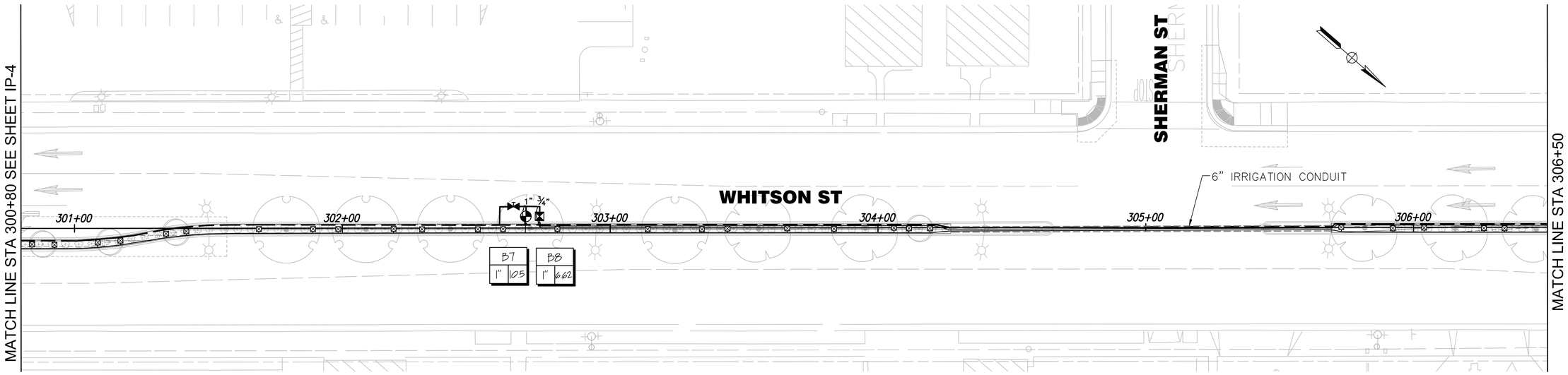
DEPARTMENT OF PUBLIC WORKS AND PLANNING

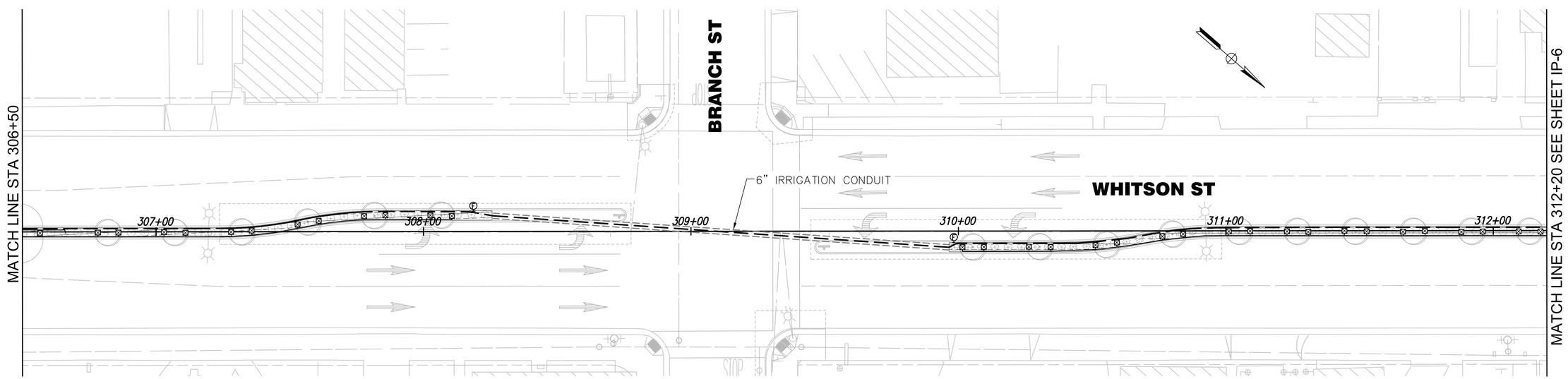
IRRIGATION PLAN

DRAWING NO. IP-4 SHEET NO. 144 TOTAL 154

PATH: D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-006 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5.1-WORK\INBLOT DATE: 2/22/2021 5:11:46 PM CAD USER: KONNI

DRAWING: IP-4 (100.1) F-05-006R2_100_IP-4.dwg





SCALE: 1"=20'-0"

	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUDY

LICENSED LANDSCAPE ARCHITECT Paul de Boyd 4/21/21 STATE OF CALIFORNIA

100%

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

IRRIGATION PLAN

DRAWING NO. IP-5 SHEET NO. 145 TOTAL 154

PATH: D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-006 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5.1-WORKINGLOT DATE: 2/22/2021 5:11:50 PM CAD USER: KONNI

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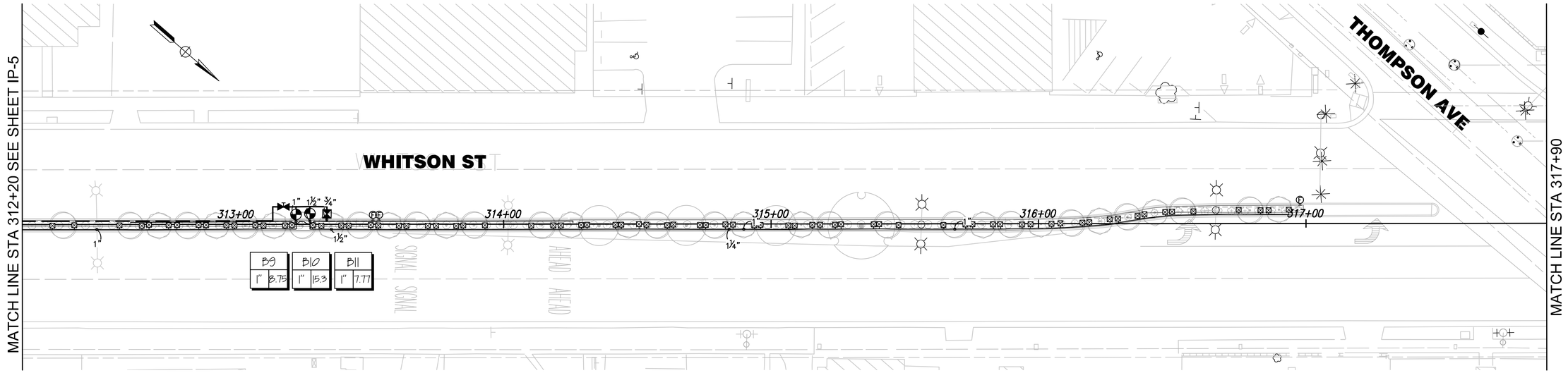

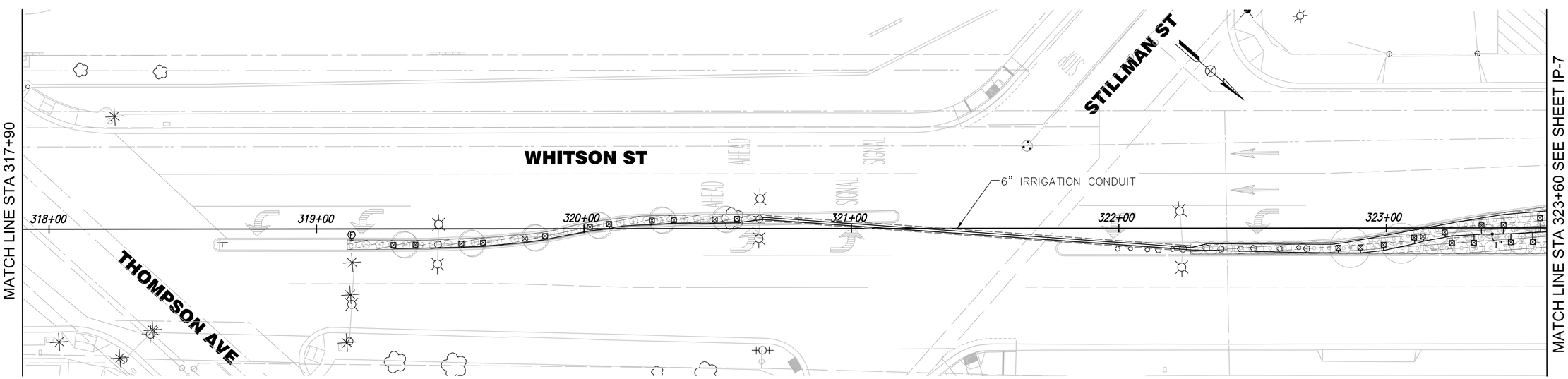

SCALE: 1"=20'-0"

	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART LICENSED LANDSCAPE ARCHITECT Paul Lee Boyd, Jr. No. 2522 STATE OF CALIFORNIA 100%

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

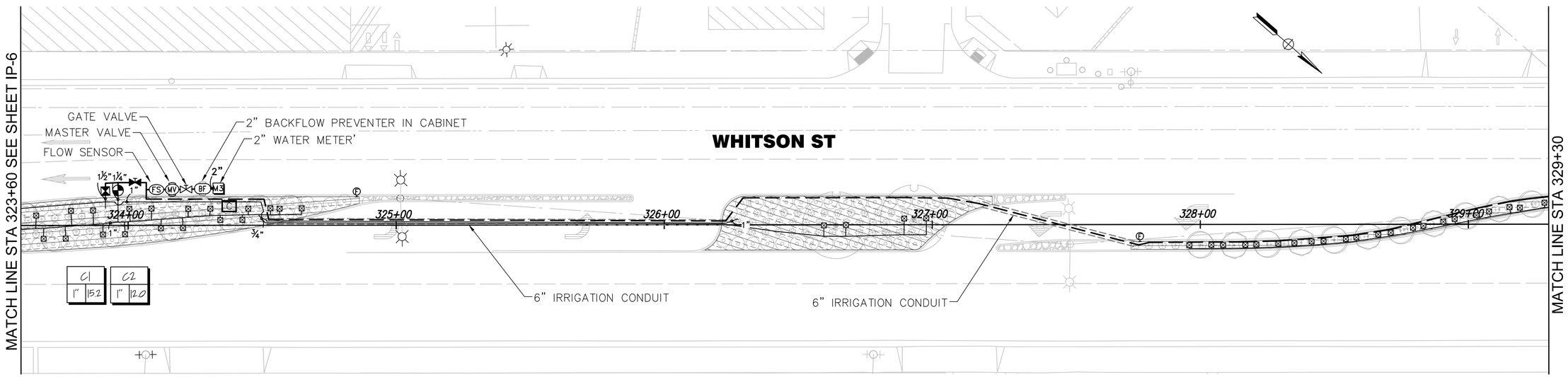
DEPARTMENT OF PUBLIC WORKS AND PLANNING

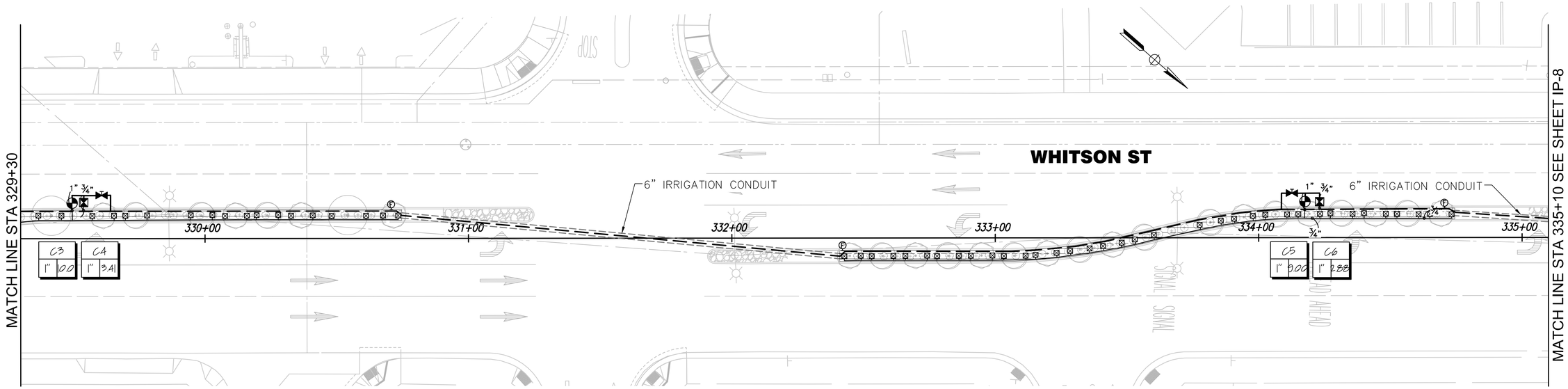
IRRIGATION PLAN

DRAWING NO. IP-6 SHEET NO. 146 TOTAL 154

PATH: D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-006 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5.1-WORKINGLOT DATE: 2/22/2021 5:11:55 PM CAD USER: KONNI

DRAWING: 1X2 (100%)-05-006X2_100_IP.dwg





SCALE: 1"=20'-0"

	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART LANDSCAPE ARCHITECT 100% COMPLETE

PROJECT
GOLDEN STATE BOULEVARD
CITY OF SELMA, CA

CITY of SELMA

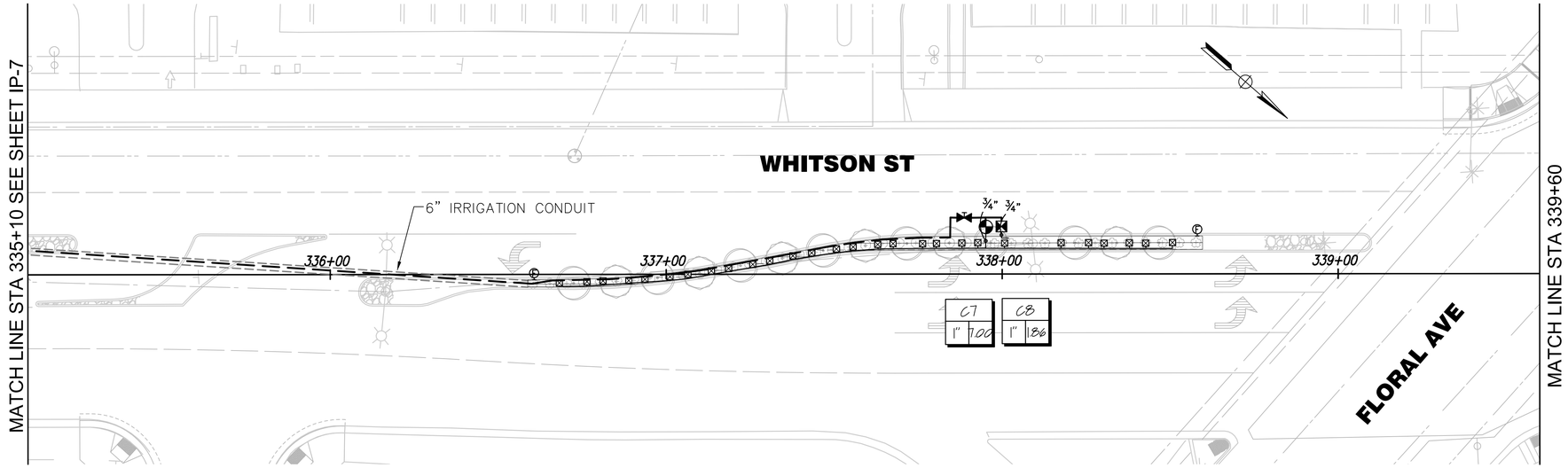
DEPARTMENT OF PUBLIC WORKS AND PLANNING

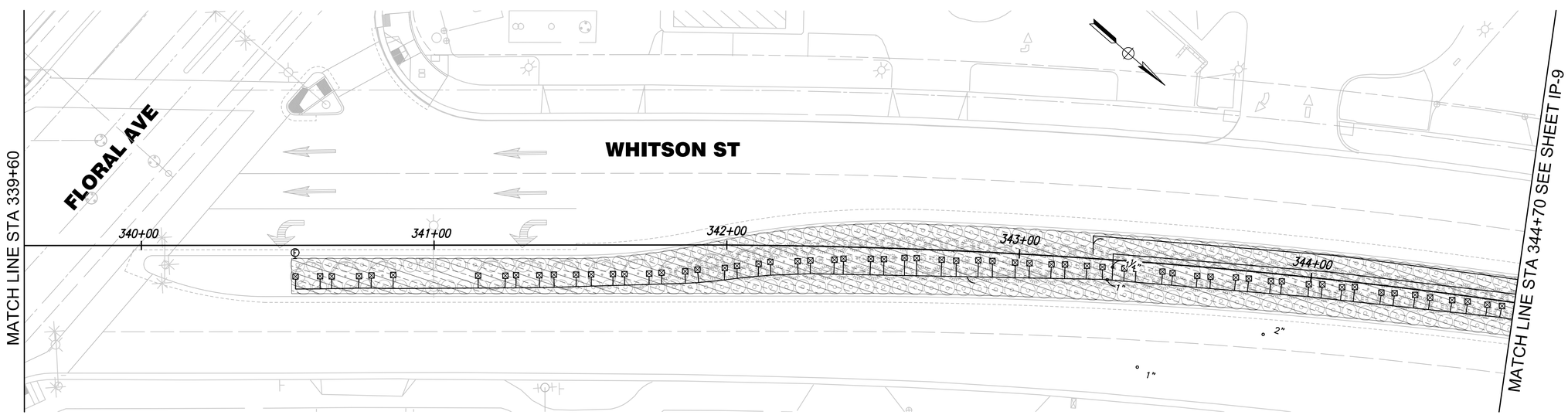
IRRIGATION PLAN

DRAWING NO. IP-7 SHEET NO. 147 TOTAL 154

PATH: D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-008 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5.1-WORKINGLOT DATE: 2/22/2021 5:11:59 PM CAD USER: KONNI

DRAWING: IP2 (100%)-05-008IP2_100_IP.dwg





SCALE: 1"=20'-0"

	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART LICENSED LANDSCAPE ARCHITECT Paul Lee Boyd 2021 STATE OF CALIFORNIA 100%

PROJECT
GOLDEN STATE BOULEVARD
CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

IRRIGATION PLAN

DRAWING NO. IP-8 SHEET NO. 148 TOTAL 154

PATH: D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-008 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5.1-WORKINGLOT DATE: 2/22/2021 5:12:04 PM CAD USER: KONNI
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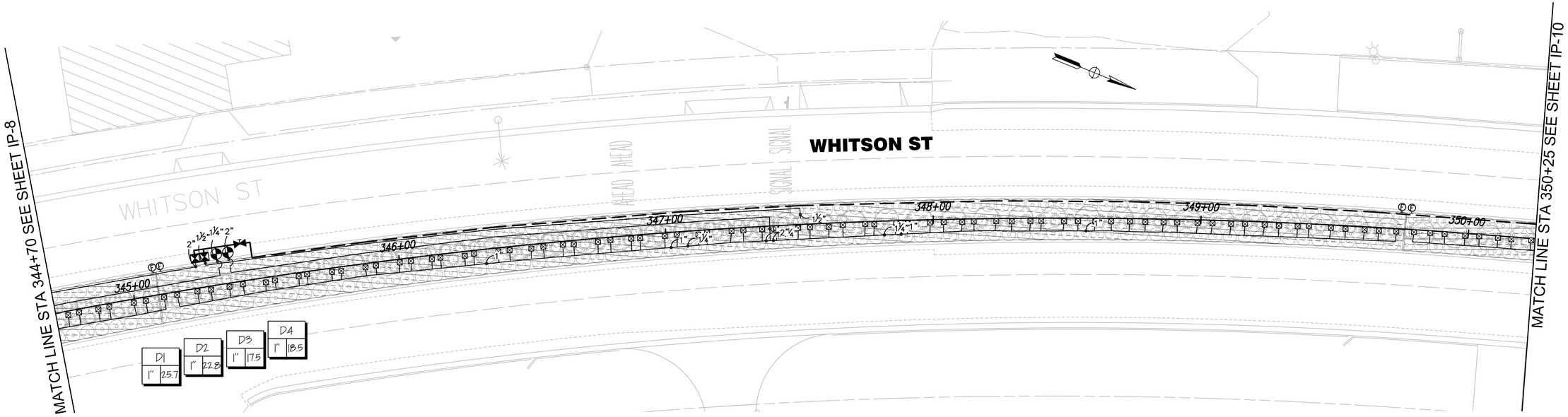

SCALE: 1"=20'-0"

	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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P.O. Box 27616 Fresno, CA 93729
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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART LICENSED LANDSCAPE ARCHITECT Patrick Boyd 10001 STATE OF CALIFORNIA

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

IRRIGATION PLAN

DRAWING NO. IP-9 SHEET NO. 149 TOTAL 154

PATH: D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-006 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5.1-WORKINGLOT DATE: 2/22/2021 5:12:06 PM CAD USER: KONNI

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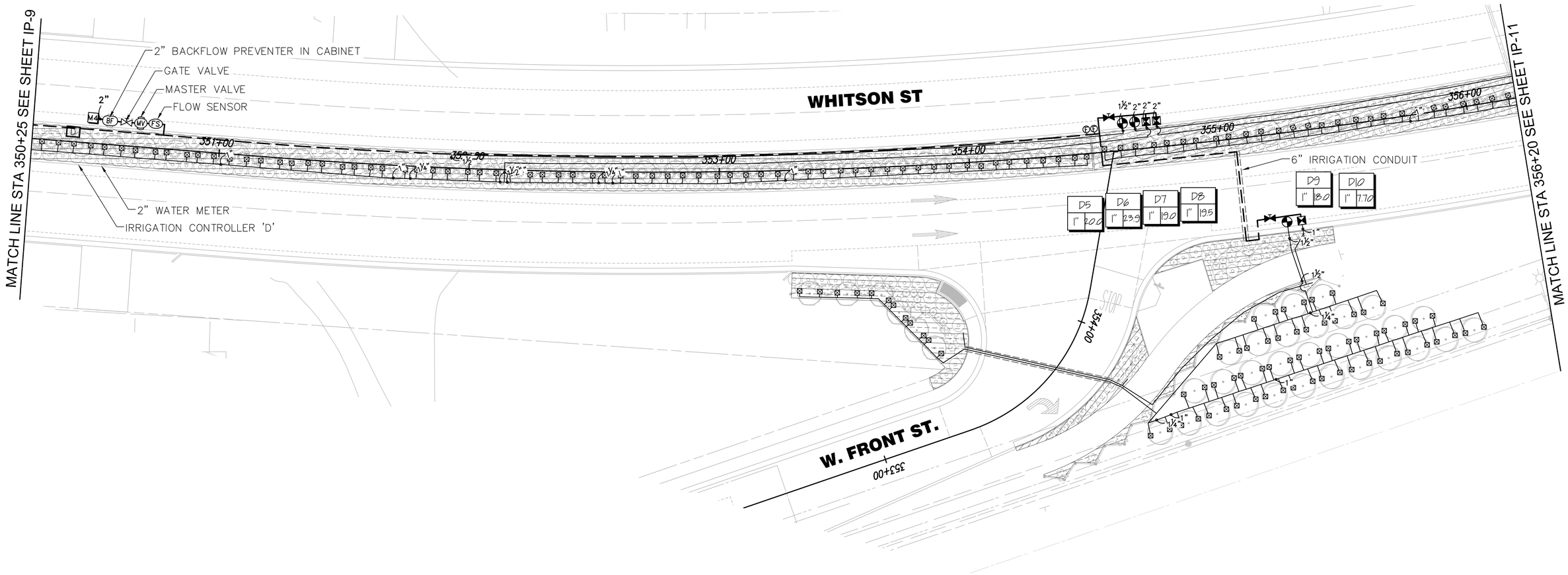

SCALE: 1"=20'-0"

	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART D. BOYD LICENSED LANDSCAPE ARCHITECT 10001 STATE OF CALIFORNIA

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

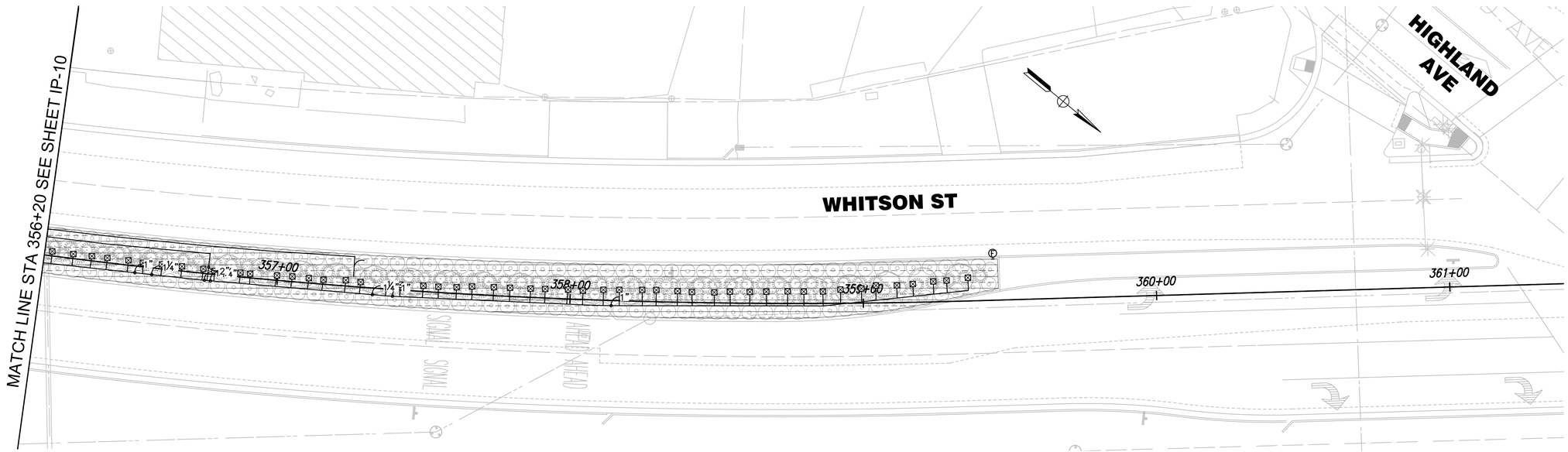
DEPARTMENT OF PUBLIC WORKS AND PLANNING

IRRIGATION PLAN

DRAWING NO. IP-9 SHEET NO. 150 TOTAL 154

PATH: D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-006 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5.1-WORKINGLOT DATE: 2/22/2021 5:12:09 PM CAD USER: KONNI

FRAMING\FRA\100\F-05-006R2_100_IP-9.dwg



SCALE: 1"=20'-0"

	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

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P.O. Box 27616 Fresno, CA 93729
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TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

LICENSED LANDSCAPE ARCHITECT Paul G. Boyd 10001 STATE OF CALIFORNIA

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

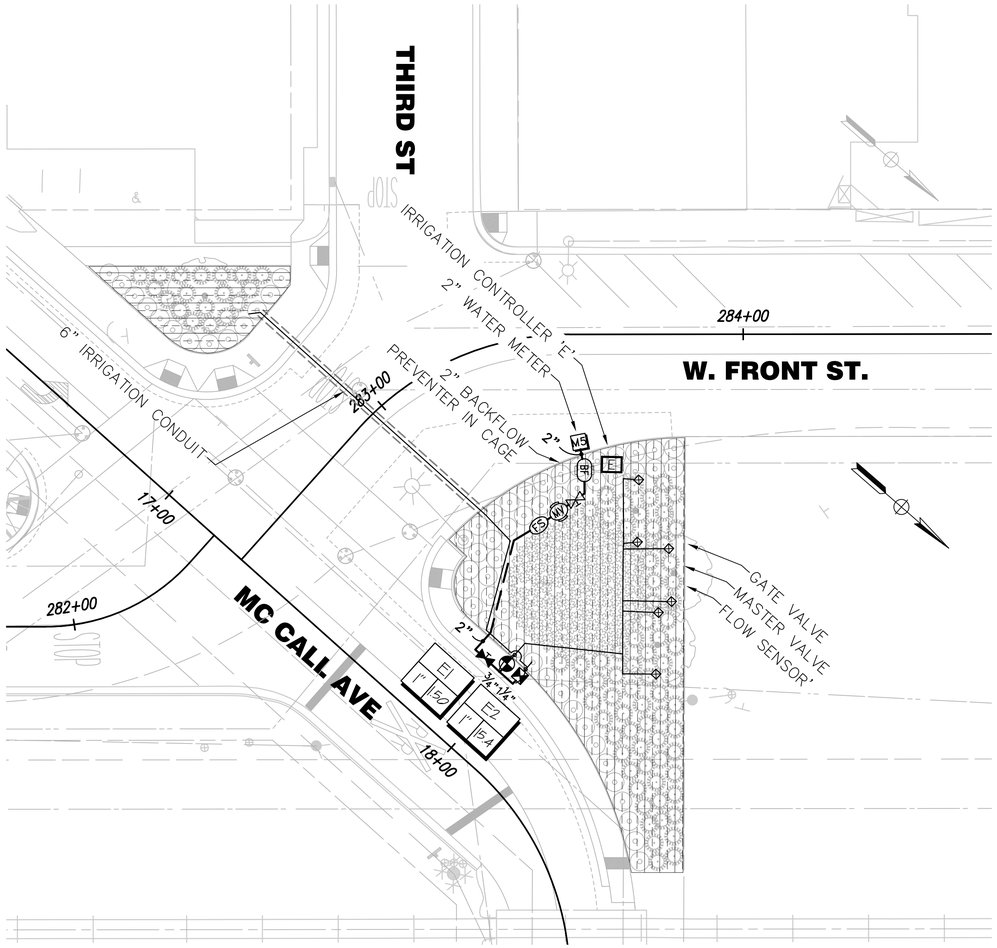
DEPARTMENT OF PUBLIC WORKS AND PLANNING

IRRIGATION PLAN

DRAWING NO. IP-11 SHEET NO. 151 TOTAL 154

PATH: D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-006 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5-WORKINBLOT DATE: 2/22/2021 5:12:11 PM CAD USER: KONNI

RAWING: IP-11.dwg



SCALE: 1"=20'-0"

	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

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P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN

SUPERVISING ENGINEER DATE

STUART D. BOYD LICENSED LANDSCAPE ARCHITECT 10001 STATE OF CALIFORNIA

PROJECT

GOLDEN STATE BOULEVARD

CITY OF SELMA, CA

CITY of SELMA

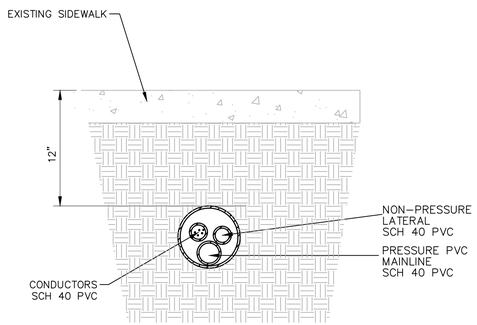
DEPARTMENT OF PUBLIC WORKS AND PLANNING

IRRIGATION PLAN

DRAWING NO. IP-12 SHEET NO. 152 TOTAL 154

PATH: D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-006 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5.1-WORKINBLOT DATE: 2/22/2021 5:12:14 PM CAD USER: KONNI

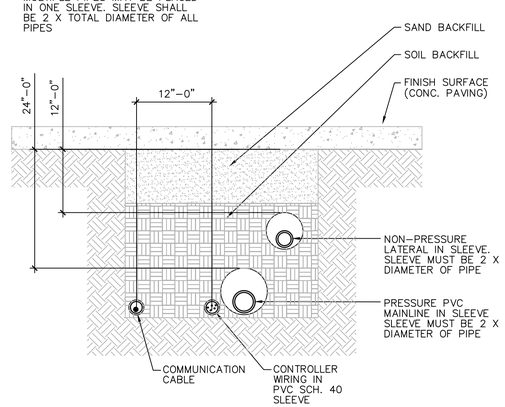
DRAWING: 15-05-006KZ_100_IP-8.dwg



1 IRRIGATION SLEEVE - BORE

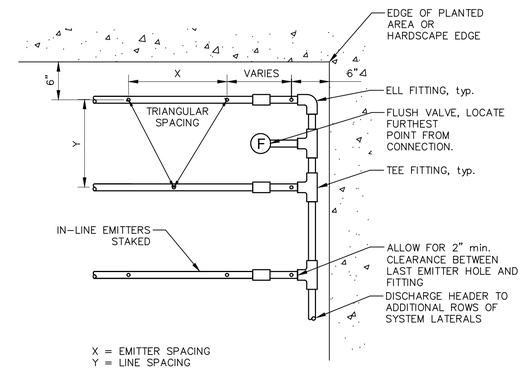
1 1/2" = 1'-0" DL-IR-PIP-03

NOTE:
MULTIPLE PIPES MAY BE PLACED IN ONE SLEEVE. SLEEVE SHALL BE 2 X TOTAL DIAMETER OF ALL PIPES



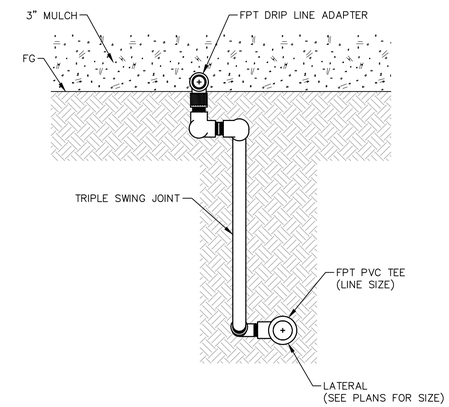
2 IRRIGATION SLEEVE - TRENCH

1" = 1'-0" DL-IR-PIP-05



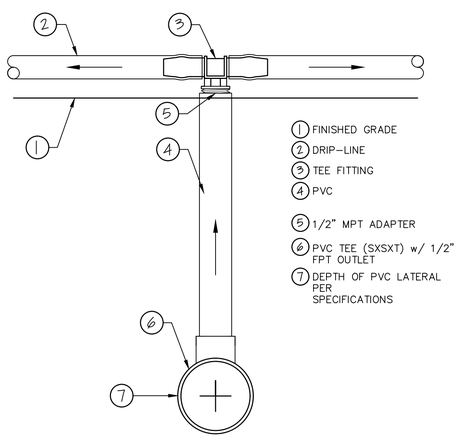
3 DRIPLINE LAYOUT

1" = 1'-0" DL-IR-SPR-DRIP-02



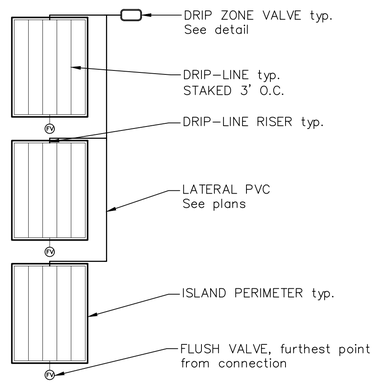
4 DRIP-LINE RISER DETAIL

3" = 1'-0" DL-IR-SPR-DRIP-35



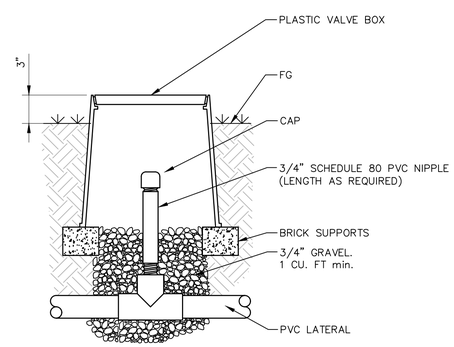
5 DRIPLINE LATERAL CONNECTION

6" = 1'-0" DL-IR-SPR-DRIP-38



6 DRIPLINE MANIFOLD LAYOUT

1/8" = 1'-0" DL-IR-SPR-DRIP-39



7 FLUSH VALVE - MANUAL - CAP

1 1/2" = 1'-0" DL-IR-SPR-DRIP-32

	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

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P.O. Box 27616 Fresno, CA 93729
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TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

LICENSED LANDSCAPE ARCHITECT Patrick Boyd Pelletier No. 5134 STATE OF CALIFORNIA

PROJECT
GOLDEN STATE BOULEVARD
CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

IRRIGATION DETAILS

DRAWING NO. ID-1 SHEET NO. 153 TOTAL 154

PATH: D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-006 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5.1-WORKINGLOT DATE: 2/22/2021 5:12:14 PM CAD USER: KONNI

GENERAL PROJECT INFORMATION

Date: **3/24/2020**

Project Name:	**Golden State Medians**		
Project Type :	x Commercial	Residential	
Name of Project Applicant:	**Patrick Boyd**	Telephone No.	**559-472-9966**
		Fax No.	
Title:	**Landscape Architect**	Email Address:	**Patrick@designlab252.com**
Company:	**Designlab 252**	Street Address:	**371 E Everglade Avenue**
City:	**Fresno**	State: **CA**	Zip Code: **93720**

Project Address and Location

Street Address:		Parcel, tract or lot number, if available:	
City:	**Selma**	Latitude/Longitude (optional):	
State:	**CA** Zip Code:		

Property Owner or his/her designee:

Name:	**CITY OF SELMA**	Telephone No.	
		Fax No.	
Title:		Email Address:	
Company:		Street Address:	
City:		State:	Zip Code:

Water Purveyor: **CITY**
Compliance Type: **FULL COMPLIANCE**

Insert monthly Eto and Precipitation totals where:

Eto = Reference Evapotranspiration/month for Project Location (See Water Efficient Landscape Document)
Precip. =Precipitation /month for Project Location (see Wuculs or local weather station data on internet.)
Eppt = Effective precipitation (25% of monthly Precip)

LOCATION: **SELMA, CA**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL
ETo/Mo	**1.0**	**1.5**	**3.4**	**4.8**	**6.6**	**7.7**	**8.4**	**7.2**	**5.3**	**3.4**	**1.4**	**0.7**	**51.4**
Precip.													0.00
Eppt													0.00

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Eto-Eppt	**1.0**	**1.5**	**3.4**	**4.8**	**6.6**	**7.7**	**8.4**	**7.2**	**5.3**	**3.4**	**1.4**	**0.7**	**51.4**

15-05-006 MWELO DATA.xlsx
GENERAL PROJECT INFORMATION

WATER EFFICIENT LANDSCAPE

This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package

Reference Evapotransipration (Eto) 51.4 Project type ETAF 0.45

HYDROZONE#/ PLANTING DESCRIPTION	HYDROZONE	PF	IRRIGATION METHOD**	Irrigation Efficiency (IE)	ETAF (PF/IE)	LANDSCAPE AREA (Sq. Ft.)	ETAF X AREA	ESTIMATED TOTAL WATER USE (ETWU)
Regular Landscape Areas								
TREES	VERY LOW	0.1	B1/DR	0.81	0.12	0	0	**0**
	LOW	0.3	B1/DR	0.81	0.37	40,686	15,069	**480,215**
	MEDIUM	0.5	B1/DR	0.81	0.62	0	0	**0**
	HIGH	0.8	B1/DR	0.81	0.99	0	0	**0**
SHRUBS/GC	VERY LOW	0.1	B2/DL	0.81	0.12	0	0	**0**
	LOW	0.3	B2/DL	0.81	0.37	69,865	25,876	**824,614**
	MEDIUM	0.5	B2/DL	0.81	0.62	8,194	5,058	**161,189**
	HIGH	0.8	B2/DL	0.81	0.99	0	0	**0**
TURF/GC	VERY LOW	0.1	R/S	0.75	0.13	0	0	**0**
	LOW	0.3	R/S	0.75	0.40	0	0	**0**
	MEDIUM	0.5	R/S	0.75	0.67	0	0	**0**
	HIGH	0.8	R/S	0.75	1.07	0	0	**0**
TEMPORARY	LOW	0.3				0	0	**0**
WATER FEATURE	HIGH	0.8				0	0	**0**
			TOTALS			**118,745**	**46,003**	**1,466,018**
Special Landscape Areas								
					1.00	0	0	0
					1.00	0	0	0
					1.00	0	0	0
			TOTALS			**0**	**0**	0
							ETWU TOTAL	**1,466,018.49**
							(MAXIMUM ALLOWED WATER ALLOWANCE) MAWA	**1,702,874.55**

ETAF Calculations		
Regular Landscape Areas		
Total ETAF x area		46,003
Total Area		118,745
Average ETAF		**0.39**
All Landscape Areas		
Total ETAF x area		**46,003**
Total Area		**118,745**
Sitewide ETAF		**0.39**

MAWA =Eto X 0.62 [ETAF x LA + (1-ETAF) X SLA

ETWU=Eto X 0.62 x ETAF X AREA

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non residential areas

15-05-006 MWELO DATA.xlsx
WATER EFFICIENT LANDSCAPE

HYDROZONE AREA (A & B)

		Type	Hydrozone	Area	A *Trees (B1/DR) VL	LW	MW	HW	B Shrubs/GC (B2/DL) VL	LW	MW	HW	C Turf/GC (S/R) VL	LW	MW	HW	D Temp LW	E Water Feature HW
VALVE NUMBER	**A1**	B	LW	7725	0	0	0	0	0	7725	0	0	0	0	0	0	0	0
	A2	A	LW	2946	0	2946	0	0	0	0	0	0	0	0	0	0	0	0
	A3	A	LW	1648.5	0	1649	0	0	0	0	0	0	0	0	0	0	0	0
	A4	B	LW	7288	0	0	0	0	0	7288	0	0	0	0	0	0	0	0
	A5	A	LW	314	0	314	0	0	0	0	0	0	0	0	0	0	0	0
	A6	B	MW	5627	0	0	0	0	0	0	5627	0	0	0	0	0	0	0
	A7	A	LW	3768	0	3768	0	0	0	0	0	0	0	0	0	0	0	0
	A8	B	LW	3696	0	0	0	0	0	3696	0	0	0	0	0	0	0	0
	B1	B	LW	2570	0	0	0	0	0	2570	0	0	0	0	0	0	0	0
	B2	A	LW	2198	0	2198	0	0	0	0	0	0	0	0	0	0	0	0
	B3	B	LW	1360	0	0	0	0	0	1360	0	0	0	0	0	0	0	0
	B4	A	LW	1020.5	0	1021	0	0	0	0	0	0	0	0	0	0	0	0
	B5	A	LW	1256	0	1256	0	0	0	0	0	0	0	0	0	0	0	0
	B6	B	LW	1343	0	0	0	0	0	1343	0	0	0	0	0	0	0	0
	B7	A	LW	1648.5	0	1649	0	0	0	0	0	0	0	0	0	0	0	0
	B8	B	LW	2207	0	0	0	0	0	2207	0	0	0	0	0	0	0	0
	B9	A	LW	3061.5	0	3062	0	0	0	0	0	0	0	0	0	0	0	0
	TOTALS				**0**	**17861**	**0**	**0**	**0**	**26189**	**5627**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

*** Hydrozone area for all tree valves calculated by using the mature canopy of trees**

*Hydro zone	Water Use	Plant Factor	Project Value
VL	Very Low	0-0.1	0.1
LW	Low	0.1-0.3	0.3
MW	Medium	0.4-0.6	0.5
HW	High	0.7-1.0	0.8
SLA	Special	1	1

** Irrigation Method		
B1	Drip Bubbler Tree	0.81
B2	Drip Bubbler Shru	0.81
DL/DR	Drip line/Drip Rin	0.81
R	Rotor	0.75
S	Spray	0.75

Type
A
B
C
D
E

15-05-006 MWELO DATA.xlsx
HYDROZONE AREA (A & B)

HYDROZONE AREA (C,D & E)

		Type	Hydrozone	Area	A *Trees (B1/DR) VL	LW	MW	HW	B Shrubs/GC (B2/DL) VL	LW	MW	HW	C Turf/GC (S/R) VL	LW	MW	HW	D Temp LW	E Water Feature HW
VALVE NUMBER	**C1**	B	LW	5057	0	0	0	0	0	5057	0	0	0	0	0	0	0	0
	C2	A	LW	1884	0	1884	0	0	0	0	0	0	0	0	0	0	0	0
	C3	A	LW	1570	0	1570	0	0	0	0	0	0	0	0	0	0	0	0
	C4	B	LW	1137	0	0	0	0	0	1137	0	0	0	0	0	0	0	0
	C5	A	LW	1413	0	1413	0	0	0	0	0	0	0	0	0	0	0	0
	C6	B	LW	961	0	0	0	0	0	961	0	0	0	0	0	0	0	0
	C7	A	LW	1099	0	1099	0	0	0	0	0	0	0	0	0	0	0	0
	C8	B	LW	620	0	0	0	0	0	620	0	0	0	0	0	0	0	0
	D1	B	LW	8559	0	0	0	0	0	8559	0	0	0	0	0	0	0	0
	D2	B	LW	7585	0	0	0	0	0	7585	0	0	0	0	0	0	0	0
	D3	A	LW	2747.5	0	2748	0	0	0	0	0	0	0	0	0	0	0	0
	D4	A	LW	2904.5	0	2905	0	0	0	0	0	0	0	0	0	0	0	0
	D5	A	LW	3140	0	3140	0	0	0	0	0	0	0	0	0	0	0	0
	D6	A	LW	3768	0	3768	0	0	0	0	0	0	0	0	0	0	0	0
	D7	B	LW	6667	0	0	0	0	0	6667	0	0	0	0	0	0	0	0
	D8	B	LW	7968	0	0	0	0	0	7968	0	0	0	0	0	0	0	0
	D9	A	LW	2826	0	2826	0	0	0	0	0	0	0	0	0	0	0	0
	D10	B	MW	2567	0	0	0	0	0	0	2567	0	0	0	0	0	0	0
	E1	A	LW	1473	0	1473	0	0	0	0	0	0	0	0	0	0	0	0
	E2	B	LW	5122	0	0	0	0	0	5122	0	0	0	0	0	0	0	0
	TOTALS				**0**	**22825**	**0**	**0**	**0**	**43676**	**2567**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

*** Hydrozone area for all tree valves calculated by using the mature canopy of trees**

*Hydro zone	Water Use	Plant Factor	Project Value
VL	Very Low	0-0.1	0.1
LW	Low	0.1-0.3	0.3
MW	Medium	0.4-0.6	0.5
HW	High	0.7-1.0	0.8
SLA	Special	1	1

** Irrigation Method		
B1	Drip Bubbler Tree	0.81
B2	Drip Bubbler Shru	0.81
DL/DR	Drip line/Drip Rin	0.81
R	Rotor	0.75
S	Spray	0.75

Type
A
B
C
D
E

15-05-006 MWELO DATA.xlsx
HYDROZONE AREA (C,D & E)

	DATE	RECORD DRAWING	
DESIGNED: PB	12/14/20	RESIDENT ENGINEER	DATE
DRAWN: KJ	12/14/20		
CHECKED: PB	01/19/21		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

designlab 252
P.O. Box 27616 Fresno, CA 93729
Studio: 559.472.9966 Fax: 559.472.9969

TENTATIVE PLANS FOR DESIGN STUDY

SUPERVISING ENGINEER DATE

LICENSED LANDSCAPE ARCHITECT PATTON BOYD STATE OF CALIFORNIA

PROJECT
GOLDEN STATE BOULEVARD
CITY OF SELMA, CA

CITY of SELMA CALIFORNIA

DEPARTMENT OF PUBLIC WORKS AND PLANNING

MWELO DATA

DRAWING NO. ID-2 SHEET NO. 154 TOTAL 154

PATH:D:\Dropbox (DL252)\DL252 Team Folder\PROJECTS\2015\15-05-006 Golden State\05-CAD\5.01-PLANS\5.01.5-LANDSCAPE PLAN\5.01.5-WORKINGLOT DATE:2/22/2021 5:12:14 PM CAD USER: KONNI
DRAWING TYPE:(WOT)-05-WBR2_100_P.dwg