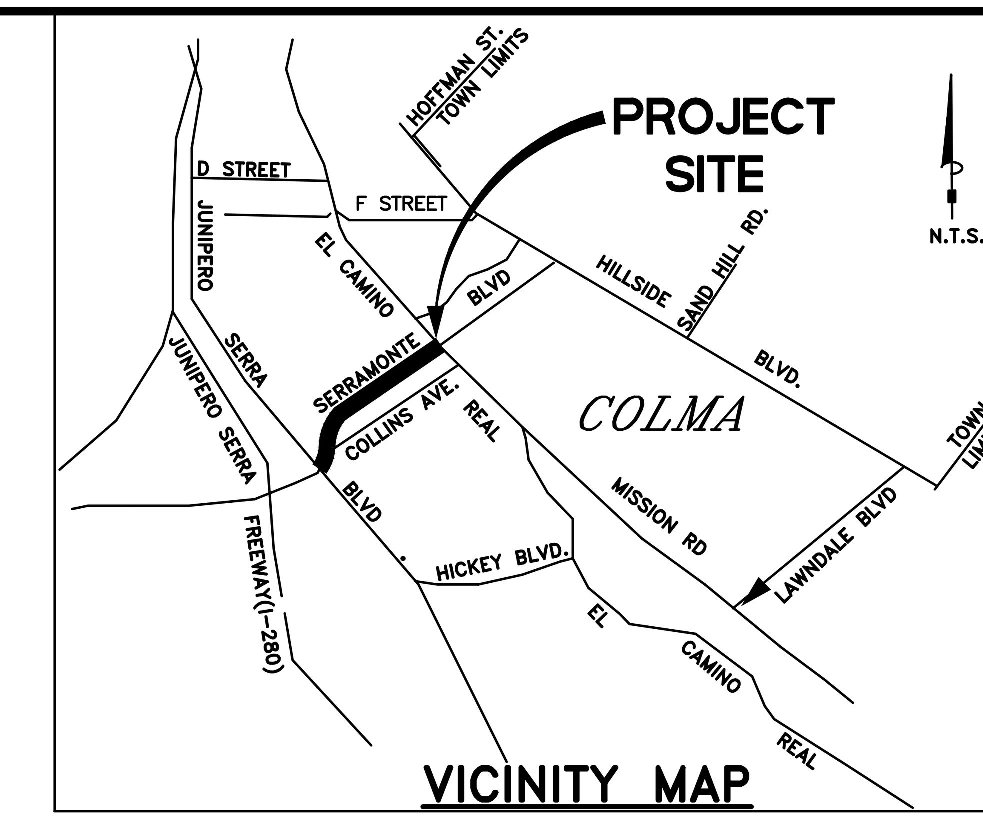
TOWN OF COLMA
PUBLIC WORKS & ENGINEERING DEPARTMENT

PLANS FOR
SMCTA PROJECT NO. 100754 / 23007
SERRAMONTE BOULEVARD WEST PHASE I



VICINITY MAP
NTS

INDEX OF SHEETS:

SHEET NO.	SHEET DESCRIPTION
1	TITLE SHEET
2	CONSTRUCTION NOTES
3-7	DEMOLITION PLANS
8-12	IMPROVEMENT PLANS
13-17	SIGNING AND STRIPING PLANS
18-21	CURB RAMP GRADING PLANS
22	SIGNAL PLAN - WTRANS
23	SIGNAL SCHEDULES - WTRANS
24	SIGNAL INTERCONNECT PLAN - WTRANS
25	RRFB PLAN - WTRANS
26-30	CONSTRUCTION DETAILS
31	BMPS

APPLICABLE STANDARD PLANS:

TOWN STANDARD LIST (LATEST EDITION):

SD-1	STANDARD CURB, GUTTER & SIDEWALK
SD-2	NOTES - POUR IN PLACE CONCRETE
SD-10	CATCH BASIN GO INLET
SD-11	GO INLET FRAME & GRATE
SD-12	STORM DRAIN CURB INLET
SD-13	NOTES - CATCH BASIN, INLET, DRAINAGE STRUCTURES
SD-20	SIDEWALK UNDERDRAIN
SD-23	SHALLOW MANHOLE

CALTRANS STANDARD LIST (2023 EDITION):

A20A-F	PAVEMENT MARKERS AND TRAFFIC LINES, TYPICAL DETAILS
A24A-G	PAVEMENT MARKINGS, ARROWS, SYMBOLS, NUMERAL WORDS, LIMIT AND YIELD LINES
A88A	CURB RAMP DETAILS
T62	TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)

CA MUTCD STANDARD LIST (LATEST EDITION):

FIG 3B-102(CA)	EXAMPLES OF FIRE HYDRANT LOCATION PAVEMENT MARKERS
FIG 3B-103(CA)	EXAMPLES OF INTERSECTION MARKINGS

ABBREVIATIONS

AC	ASPHALT CONCRETE
AB	AGGREGATE BASE
APS	ACCESSIBLE PEDESTRIAN SIGNALS
BW	BACK OF WALK
C&G	CURB AND GUTTER
CJ	CONSTRUCTION JOINT
CL	CENTERLINE
CONC	CONCRETE
CSC	CITY OF SANTA CLARA
DI	DRAINAGE INLET
DET	DETAIL
DWS	DETECTABLE WARNING SURFACE
DWY	DRIVEWAY
EP	EDGE OF PAVEMENT
EVT	ELECTRICAL VAULT
EX	EXISTING
FC	FACE OF CURB
FH	FIRE HYDRANT
GV	GAS VALVE
HMA	HOT MIX ASPHALT
H.P.	HIGH POINT
IRR	IRRIGATION
LG	LIP OF GUTTER
LP	LAMP POST
MON	MONUMENT
NE	NORTHEAST
N.I.C.	NOT IN CONTRACT
NW	NORTHWEST
NTS	NOT TO SCALE
N	NEW
O.C.	ON CENTER
PCC	PORTLAND CONCRETE CEMENT
PG&E	PACIFIC GAS AND ELECTRIC
PPB	PEDESTRIAN PUSH BUTTON
PP	POWER POLE
PVMT	PAVEMENT
PVT	PRIVATE
RHMA	RUBBERIZED HOT MIX ASPHALT
RSP	REVISED STANDARD PLANS
ROW	RIGHT OF WAY
RWV	RECYCLED WATER VALVE
R&R	REMOVE & REPLACE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SP	SIGNAL POLE
SSMH	SANITARY SEWER MANHOLE
SVP	SILICON VALLEY POWER
SE	SOUTHEAST
SW	SIDEWALK, SOUTHWEST
STD	STANDARD
TBD	TO BE DETERMINED
TC	TOP OF CURB
T.I.	TRAFFIC INDEX
TMH	TELEPHONE MANHOLE
TPB	TRAFFIC PULL BOX
TS	TRAFFIC SIGNAL
TYP	TYPICAL
VG	VALLEY GUTTER
WCW	WHITE CROSSWALK
WV	WATER VALVE
YCW	YELLOW CROSSWALK
YL	YIELD LINE

LEGEND

SLURRY SEAL (TYPE II)
4" HMA DEEPLIFT
CITY RIGHT OF WAY
CITY MONUMENTS
SANITARY SEWER MANHOLE
STORM DRAIN MANHOLE
TELEPHONE MANHOLE
ELECTRIC MANHOLE
WATER VALVE
GAS VALVE
DRAIN INLET
FIRE HYDRANT
PULL BOX
STREET LIGHT
WOOD POLE
TRANSFORMER
FO — FIBER OPTIC PULL BOX (2) 2" HDPE SDR-11 & (5) 1.25" HDPE SDR-11

FA — FIRE ALARM PULL BOX
DETECTOR HANDHOLE
ANNODE
ETS
MFS
MFN
——com—— COMCAST/TELEPHONE
——c—— TRAFFIC CONDUIT
——fo—— (2) 2" HDPE SDR-11 & (5) 1.25" HDPE SDR-11
——fo (oh)—— FIBER OPTIC OVERHEAD LINE
——(oh)—— OVERHEAD LINE
——fo (svp)—— FIBER OPTIC SVP
——sd—— STORM DRAIN
——ss—— SANITARY SEWER
——w—— WATER MAIN

CURB RAMP
LANE LINE
12" LIMIT LINE
YIELD LINE
STANDARD CROSSWALK
CONTINENTAL CROSSWALK
PAVEMENT MARKINGS
TYPE IV TURN ARROW
TYPE VII(L) TURN ARROW
TYPE VII(R) TURN ARROW
BICYCLE DETECTOR SYMBOL
BLUE MARKER
CHANGE OF STRIPE DELINEATION
TRAFFIC SIGN
BIKE LANE MARKING
SHARED LANE (SHARROW) MARKING

XX/XX — DETAIL REFERENCE NUMBER / SHEET REFERENCE NUMBER
38A 60 LF — LENGTH / STRIPING DETAIL NO.
1 — PROJECT NOTE

75% SUBMITTAL 1/29/2024
NOT FOR CONSTRUCTION

TOWN OF COLMA

DATE:XX/XX/24
CYRUS KIANPOUR,
CITY ENGINEER

PREPARED UNDER MY SUPERVISION

DATE: XX/XX/24
MICHAEL FISHER PE LIC. C56550, EXPIRES: 6/30/25
PRINCIPAL ENGINEER

811 Know what's below. Call before you dig.

DATE | REVISIONS | NO.

SCALE: AS SHOWN
DRAWN: -
DESIGNED: -
APPROVED: -

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE: SERRAMONTE BOULEVARD WEST PHASE I
TITLE SHEET

DATE: 1/29/24
JOB#: 23.106

I. GENERAL

1. CONSTRUCTION MATERIALS AND METHODS SHALL COMPLY WITH THESE PROJECT PLANS, THE PROJECT SPECIFICATIONS, AND THE TOWN OF COLMA STANDARD SPECIFICATIONS AND DETAILS, AND CALTRANS STANDARDS PLANS AND SPECIFICATIONS, IN THAT ORDER, UNLESS OTHERWISE INDICATED.
2. THE TERM "SPECIFICATIONS", WHERE USED IN THESE DRAWINGS, SHALL REFER CALTRANS 2022 STANDARD PLANS AND SPECIFICATIONS.
3. WHERE USED IN THESE DRAWINGS, THE TERMS "TOWN" SHALL REFER TO THE TOWN OF COLMA.
4. THIS PROJECT IS LOCATED WITHIN THE JURISDICTION OF THE TOWN OF COLMA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS AND LICENCES TO PERFORM THE WORK WITHIN THE TOWN PRIOR TO THE START OF WORK. THE TOWN OF COLMA WILL WAIVE FEES FOR ALL PERMITS REQUIRED FROM THE TOWN.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE REGULATIONS AND REQUIREMENTS OF THE TOWN ORDINANCES.
6. SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR SPECIFIED IN THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DIRECTOR AND OBTAIN CLARIFICATION BEFORE PROCEEDING WITH THE WORK IN QUESTION. SHOULD EXISTING CONDITIONS SHOWN ON THESE PLANS DIFFER FROM ACTUAL CONDITIONS IN THE FIELD, CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DIRECTOR BEFORE PROCEEDING WITH THE WORK. CONTRACTOR WILL BE RESPONSIBLE FOR ADDITIONAL WORK RESULTING FROM LACK OF COORDINATION REGARDING PLAN/FIELD DISCREPANCIES WITH THE TOWN.
7. ALL REVISIONS TO THESE PLANS MUST BE REVIEWED AND APPROVED IN WRITING BY THE ENGINEER OF RECORD AND THE PUBLIC WORKS DIRECTOR PRIOR TO CONSTRUCTION OF AFFECTED ITEMS. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ARRANGING REQUIRED INSPECTIONS BY THE PUBLIC WORKS DIRECTOR OR HIS/HER AUTHORIZED REPRESENTATIVE(S). NO DELAY OF WORK CLAIM WILL BE ALLOWED DUE TO THE CONTRACTOR'S FAILURE TO ARRANGE FOR TOWN INSPECTION IN ADVANCE. CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DIRECTOR AT (650) 757-8895 A MINIMUM OF TWO (2) WORKING DAYS IN ADVANCE OF REQUIRED INSPECTIONS.
9. CONTRACTOR SHALL POST 24-HOUR EMERGENCY TELEPHONE NUMBERS FOR PUBLIC WORKS, POLICE DEPARTMENT AND FIRE DEPARTMENT AND EMERGENCY MEDICAL SERVICE ON SITE PRIOR TO START OF CONSTRUCTION.
10. CONTRACTOR SHALL PROVIDE A 72 HOUR NOTICE TO ADJOINING PROPERTY OWNERS AND TENANTS PRIOR TO COMMENCING CONSTRUCTION WORK. NOTIFICATION SHALL BE BY LETTER AND SHALL BE APPROVED BY THE PUBLIC WORKS DIRECTOR.
11. CONTRACTOR SHALL OBTAIN CALTRANS ENCROACHMENT PERMIT AT EL CAMINO REAL INTERSECTION PRIOR TO COMMENCING CONSTRUCTION WORK.
12. CONTRACTOR SHALL POST "NO-PARKING" SIGNS ON WORK AREA 72 HOURS PRIOR TO COMMENCING WORK. IF THE INTENDED WORK DOES NOT COMMENCE WITHIN 24 HOURS OF THE SCHEDULED DATE, ALL "NO PARKING" SIGNS SHALL BE REMOVED FROM THE SITE UPON CONCURRENCE FROM THE PUBLIC WORKS DIRECTOR.
13. CONTRACTOR SHALL HAVE A CONSTRUCTION SUPERINTENDENT ON-SITE AND MUST HAVE READILY AVAILABLE TELEPHONE NUMBERS FOR EMERGENCY ASSISTANCE.
14. THE CONTRACTOR SHALL OBTAIN APPROVAL FOR THE HAUL ROUTE FROM THE TOWN'S ENGINEERING DEPARTMENT. APPROVED HAUL ROUTES SHALL BE STRICTLY ADHERED TO BY THE CONTRACTOR AND ALL SUBCONTRACTORS.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR THE CARE AND PROTECTION OF THE FOLLOWING, INCLUDING, BUT NOT LIMITED TO: ADJOINING PREMISES, TREES, LANDSCAPING, FENCES, UTILITIES, SIDEWALKS AND STREETS FROM DAMAGE BY HIS OPERATIONS. CONTRACTOR SHALL REPAIR, REPLACE OR CLEAN ANY PART OF THE ABOVE MENTIONED TO THE SATISFACTION OF THE PUBLIC WORKS DIRECTOR, AT NO ADDITIONAL COST TO THE TOWN OR THE ADJACENT PROPERTY OWNERS. FURTHERMORE, THE CONTRACTOR SHALL REPLACE OR REPAIR, AT HIS/HER OWN EXPENSE, ALL DAMAGED, REMOVED OR OTHERWISE DISTURBED EXISTING UTILITIES, UNDERGROUND OR SURFACE IMPROVEMENTS OR FEATURES OF WHATEVER NATURE, TO THEIR ORIGINAL CONDITION, WHETHER SHOWN ON THE PLANS OR NOT.
16. ALL CONSTRUCTION STAKING SHALL BE DONE BY A CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING OR A LAND SURVEYOR REGISTERED IN THE STATE OF CALIFORNIA, HIRED BY THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE TOWN'S CONSTRUCTION INSPECTOR TWENTY-FOUR (24) HOURS IN ADVANCE OF COMMENCEMENT OF STAKING AND WHEN THE WORK WILL BE COMPLETED. THE CONTRACTOR SHALL ALLOW THE TOWN ADEQUATE TIME TO REVIEW AND APPROVE THE PROJECT STAKING PRIOR TO BEGINNING CONSTRUCTION. THIS TIME SHALL BE DETERMINED AND MUTUALLY AGREED UPON WITH THE CONTRACTOR AND TOWN AT THE PRE-CONSTRUCTION MEETING. THE TOWN RESERVES THE RIGHT TO MAKE REASONABLE ADJUSTMENTS TO THE STAKING WORK AS THE TOWN DEEMS NECESSARY AND WITHOUT REGARDS FOR ANY RELATED DELAYS TO CONSTRUCTION. THE CONTRACTOR SHALL WORK WITH THE TOWN IN ENSURING ANY MODIFICATIONS TO THE STAKING REQUIRED BY THE TOWN ARE IN PLACE PRIOR TO CONSTRUCTION.
17. THE CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING PAVEMENT, ADJACENT LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, ETC., TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS OR HAZARDOUS CONDITIONS.

II. WORK HOURS

1. SEE PROJECT SPECIFICATIONS, SECTION 00700-1.05 FOR WORK HOURS AND RESTRICTIONS.

III. TRAFFIC CONTROL

1. SEE PROJECT SPECIFICATIONS, SECTION 102 OF THE TECHNICAL SPECIFICATIONS FOR TRAFFIC CONTROL REQUIREMENTS.

811 Know what's below. Call before you dig.

IV. CONSTRUCTION STAGING

1. CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL BY THE PUBLIC WORKS DIRECTOR A COMPLETE CONSTRUCTION STAGING PLAN IMMEDIATELY UPON APPROVAL OF INSURANCE FORMS AND CERTIFICATES. CONSTRUCTION STAGING AREA SHALL BE LOCATED IN AN AREA APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
2. NO EQUIPMENT SHALL BE STORED WITHIN TOWN RIGHTS-OF-WAY UNLESS APPROVED IN WRITING BY THE PUBLIC WORK DIRECTOR.
3. CONSTRUCTION STAGING AREA SHALL BE ADEQUATELY SECURED BY USE OF TEMPORARY FENCING WITH LOCKING GATE(S) AND SCREENED FROM THE PUBLIC RIGHT-OF-WAY TO THE SATISFACTION OF THE PUBLIC WORKS DIRECTOR. SCREENING SHALL CONSIST OF MATERIALS APPROVED BY THE PUBLIC WORKS DIRECTOR AND SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.

V. STORMWATER POLLUTION, EROSION CONTROL, AND CLEANUP

1. CONTRACTOR SHALL COMPLY WITH ALL RULES, REGULATIONS AND PROCEDURES OF THE MUNICIPAL REGIONAL STORMWATER POLLUTION PERMIT (MRP), ALSO KNOWN AS THE NPDES PERMIT, MORE SPECIFICALLY, CONTRACTOR SHALL COMPLY WITH THE SAN MATEO COUNTYWIDE STORMWATER POLLUTION PREVENTION PROGRAM'S BEST MANAGEMENT PRACTICES (BMPs) FOR CONSTRUCTION ACTIVITIES AND THE "POLLUTION PREVENTION – IT'S PART OF THE PLAN" CONSTRUCTION BMP PLAN SHEET, ATTACHED HERETO AS SHEET NO. 30.
2. CONTRACTOR SHALL SUBMIT FOR TOWN REVIEW A STORMWATER POLLUTION PREVENTION PLAN, PREPARED IN ACCORDANCE WITH CALTRANS STANDARDS INCLUDING ALL MEASURES TO BE IMPLEMENTED THROUGHOUT THE PROJECT LIMITS AND AT CONTRACTOR'S STAGING LOCATION.
3. ALL WORK TO BE PERFORMED DURING THE DRY WEATHER MONTHS BETWEEN APRIL 30TH & OCTOBER 1ST. WORK TO CONTINUE AFTER OCTOBER 1ST WITH WRITTEN PERMISSION FROM THE TOWN AND THE CITY WITH ADDITIONAL PROTECTIVE MEASURES ONLY.
4. APPLY CONCRETE, ASPHALT, AND SEAL COAT DURING DRY WEATHER TO PREVENT CONTAMINANTS FROM CONTACTING STORM WATER RUNOFF.
5. COVER STORM DRAIN INLETS AND MANHOLES WHEN PAVING OR APPLYING SEAL COAT, SLURRY SEAL, FOG SEAL, ETC.
6. MAINTAIN ALL VEHICLES AND HEAVY EQUIPMENT. INSPECT FREQUENTLY FOR AND REPAIR LEAKS.
7. CLEAN UP LIQUID SPILLS ON PAVED OR IMPERMEABLE SURFACES USING "DRY'' CLEANUP METHODS (E.G., ABSORBENT MATERIALS LIKE CAT LITTER, SAND OR RAGS).
8. FILTER FABRIC OR OTHER MATERIAL FOR SEDIMENT TRAPPING SHALL BE INSTALLED AND MAINTAINED AT STREET GUTTERS AND DRAINS TO KEEP CONSTRUCTION DEBRIS OUT OF THE STORM DRAIN SYSTEM.
9. NO MATERIAL, RESIDUE WASTE OR DEBRIS GENERATED BY CONSTRUCTION ACTIVITIES WILL BE ALLOWED TO BE WASHED INTO ANY DRAINAGE INLETS.
10. AT THE END OF EVERY DAY, ALL MATERIALS TRAPPED BY THE INLET PROTECTION BMP (FILTER FABRIC) AND EXCESS MATERIALS SUCH AS PAVEMENT PIECES OR DEBRIS WILL BE COLLECTED USING DRY SWEEP METHODS AND REMOVED FROM THE PROJECT SITE. NO MATERIALS WILL BE ALLOWED TO BE WASHED INTO THE STORM DRAIN SYSTEM.
11. DURING CONSTRUCTION, STREETS SHALL BE CLEANED AS OFTEN AS REQUIRED TO REMOVE ANY ACCUMULATION OF MUD AND DEBRIS RESULTING FROM THIS CONSTRUCTION.
12. BERM AROUND STORAGE AREAS TO PREVENT CONTACT WITH STORMWATER RUNOFF.
13. STORE STOCKPILED MATERIALS AND WASTES OVER PLASTIC SHEETING OR A TARP, AND UNDER A TEMPORARY ROOF OR SECURED PLASTIC SHEETING OR TARP.
14. ALWAYS PARK PAVING MACHINES OVER DRIP PANS OR ABSORBENT MATERIALS, AS THEY TEND TO DRIP CONTINUOUSLY.

VI. EXISTING CONDITIONS, UTILITIES AND MONUMENTS

1. CONTRACTOR SHALL CONTACT USA [UNDERGROUND SERVICES ALERT 1-(800)-227-2600,] AND AFFECTED UTILITY COMPANIES, A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO THE START OF WORK TO NOTIFY THEM OF CONSTRUCTION, AND TO REQUEST THAT UTILITIES BE MARKED. CONTRACTOR SHALL NOT BEGIN EXCAVATION WORK UNTIL ALL UTILITIES HAVE BEEN MARKED OR THE PRESCRIBED "NO RESPONSE FOLLOW-UP" PROCEDURES HAVE BEEN FOLLOWED.
2. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS WAS COMPILED FROM SURVEYED SURFACE UTILITIES AND UTILITY COMPANIES' FACILITY SCHEMATICS AND IS APPROXIMATE. THE UTILITY INFORMATION SHOWN HEREON IS NOT MEANT TO BE A FULL CATALOG OF EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING RECORD INFORMATION AND CONDUCTING FIELD INVESTIGATION TO VERIFY THE LOCATION AND ELEVATIONS OF EXISTING UTILITIES – WHETHER SHOWN ON THESE PLANS OR NOT. CONTRACTOR SHALL NOTIFY THE TOWN IMMEDIATELY UPON DISCOVERY OF DISCREPANCIES.
3. CONTRACTOR SHALL VERIFY UTILITY LOCATION AND ELEVATION AT PROPOSED UTILITY CROSSINGS AND CONNECTION POINTS BY POTHOLING AT THE LOCATIONS SHOWN ON THESE PLANS. REPORT DISCREPANCIES TO THE PUBLIC WORKS DIRECTOR FOR DESIGN REVISIONS.
4. CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT-IN-PLACE EXISTING MONUMENTS. DESTROYED/DAMAGED MONUMENTS SHALL BE RE-ESTABLISHED AT CONTRACTOR'S SOLE EXPENSE. SEE SECTION 103 OF THE PROJECT TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING MONUMENT PRESERVATION.

VII. EARTHWORK AND GRADING

1. TOPSOIL, ROOTS, VEGETABLE MATTER, TRASH, DEBRIS AND ANY OTHER DELETERIOUS MATERIAL SHALL NOT BE CONSIDERED ACCEPTABLE FILL MATERIAL.
2. ANY ADDITIONAL FILL MATERIAL REQUIRED TO ATTAIN THE DESIGN GRADES SHOWN ON THESE PLANS SHALL BE PER PROJECT SPECIFICATIONS. ALL FILL MATERIAL SHALL BE FIELD TESTED FOR COMPLIANCE WITH THE PROJECT SPECIFICATIONS INCLUDING TOXICITY TESTING.
3. COMPACTION BY FLOODING, PONDING OR JETTING WILL NOT BE PERMITTED.
4. PROTECT-IN-PLACE OR RESTORE EXISTING IRRIGATION SYSTEMS. RESET IRRIGATOR HEADS WHERE REQUIRED TO MATCH FINAL GRADES. SPRINKLERS SHOULD NOT BE DISABLED FOR LONGER THAN SUCH PERIOD AS WAS AGREED UPON WITH PROPERTY OWNER, AND NEVER WITHOUT PRIOR APPROVAL FROM DIRECTOR OF PUBLIC WORKS AND PROPERTY OWNER.

VII. STATEMENT OF RESPONSIBILITY

1. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD BOTH DESIGN PROFESSIONALS AND THE TOWN OF COLMA HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF EITHER THE DESIGN PROFESSIONAL OR THE TOWN OF COLMA.

IX. DEMOLITION NOTES

1. EXISTING SIGNS AS SHOWN ON THE SIGNING/STRIPING PLANS SHALL BE SALVAGED AND MAINTAINED IN AN ACCEPTABLE CONDITION FOR RE-INSTALLATION BY THE CONTRACTOR.
2. DEMOLITION INCLUDES REMOVAL OF CONCRETE AND LANDSCAPE IMPROVEMENTS, REMOVAL OF RAISED PAVEMENT MARKERS AND GRINDING OF THERMOPLASTIC PAVEMENT LEGENDS WHERE AS NOTED ON THE DEMOLITION PLANS.
3. PROTECT EXISTING IRRIGATION SYSTEMS WITHIN PROJECT LIMITS.
4. PROTECT EXISTING MONUMENTS DURING CONSTRUCTION.
5. PROTECT-IN-PLACE ALL MANHOLE COVERS AND LIDS OF UNDERGROUND VAULTS, WATER VALVES, ETC. UNLESS OTHERWISE NOTED ON PLANS.
6. TO THE BEST OF THE TOWN'S KNOWLEDGE, THE DEPTH OF EXISTING ASPHALT CONCRETE IS UNKNOWN, THE TOWN CANNOT WARRANT THAT THE DEPTH IS COMPLETELY UNIFORM THROUGHOUT. GRINDING EXISTING SECTION "FULL-DEPTH" SHALL MEAN REMOVE ALL EXISTING ASPHALT CONCRETE DOWN TO BASE MATERIAL, AND MAY BE MORE THAN WHAT IS SHOWN ON THESE PLANS.

DATE	REVISIONS	NO.

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
CONSTRUCTION NOTES

DATE: 1/29/24
JOB#: 23.106

LEGEND:

ITEM — **DESCRIPTION**

- REMOVE EX CONCRETE CURB/CURB & GUTTER
- REMOVE EX CONCRETE SIDEWALK/CURB RAMP
- REMOVE EX CONCRETE MEDIAN
- REMOVE EX LANDSCAPE AREA
- REMOVE EX AC PAVEMENT
- ASPHALT CONCRETE CONFORM
- RIGHT OF WAY
- SAWCUT LINE

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. RELOCATE EX STREET LIGHT.
3. REMOVE EX CONCRETE CURB/CURB & GUTTER.
4. REMOVE EX CONCRETE MEDIAN.
5. REMOVE EX CONCRETE SIDEWALK/CURB RAMP.
6. REMOVE EX LANDSCAPE.
7. REMOVE AC PAVEMENT.
8. REMOVE EX SIGN & POST.
9. REMOVE AND CAP IRRIGATION.
10. 4" HMA CONFORM

CONSTRUCTION NOTES:

1. USE CAUTION WHEN DIGGING NEAR ELECTRICAL LINES. CALL UNDERGROUND SERVICE ALERT (USA) PRIOR TO DIGGING.
2. SEE CURB RAMP GRADING SHEET XX FOR NEW CONCRETE IMPROVEMENTS AND CURB RAMPS.

GRAPHIC SCALE
20 0 20 40

NO.	REVISIONS	DATE

SCALE: AS SHOWN
DRAWN: -
DESIGNED: -
APPROVED: -

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
DEMOLITION PLANS
(STA 10+00 TO STA 15+50)

SHEET: 3 OF 31

DATE: 1/29/24
JOB#: 23.106

SERRAMONTE BOULEVARD

SCALE: 1"=20'

LEGEND:

ITEM	DESCRIPTION
	REMOVE EX CONCRETE CURB/CURB & GUTTER
	REMOVE EX CONCRETE SIDEWALK/CURB RAMP
	REMOVE EX CONCRETE MEDIAN
	REMOVE EX LANDSCAPE AREA
	REMOVE EX AC PAVEMENT
	ASPHALT CONCRETE CONFORM
	RIGHT OF WAY
	SAWCUT LINE

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. RELOCATE EX STREET LIGHT.
3. REMOVE EX CONCRETE CURB/CURB & GUTTER.
4. REMOVE EX CONCRETE MEDIAN.
5. REMOVE EX CONCRETE SIDEWALK/CURB RAMP.
6. REMOVE EX LANDSCAPE.
7. REMOVE AC PAVEMENT.
8. REMOVE EX SIGN & POST.
9. REMOVE AND CAP IRRIGATION.
10. 4" HMA CONFORM

CONSTRUCTION NOTES:

1. USE CAUTION WHEN DIGGING NEAR ELECTRICAL LINES. CALL UNDERGROUND SERVICE ALERT (USA) PRIOR TO DIGGING.
2. SEE CURB RAMP GRADING SHEET XX FOR NEW CONCRETE IMPROVEMENTS AND CURB RAMPS.

GRAPHIC SCALE
20 0 20 40

NO.	REVISIONS	DATE

SCALE: AS SHOWN
DRAWN: -
DESIGNED: -
APPROVED: -

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I DEMOLITION PLANS (STA 10+00 TO STA 15+50)

DATE: 1/29/24
JOB#: 23.106

LEGEND:

ITEM	DESCRIPTION
	REMOVE EX CONCRETE CURB/CURB & GUTTER
	REMOVE EX CONCRETE SIDEWALK/CURB RAMP
	REMOVE EX CONCRETE MEDIAN
	REMOVE EX LANDSCAPE AREA
	REMOVE EX AC PAVEMENT
	ASPHALT CONCRETE CONFORM
	RIGHT OF WAY
	SAWCUT LINE

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. RELOCATE EX STREET LIGHT.
3. REMOVE EX CONCRETE CURB/CURB & GUTTER.
4. REMOVE EX CONCRETE MEDIAN.
5. REMOVE EX CONCRETE SIDEWALK/CURB RAMP.
6. REMOVE EX LANDSCAPE.
7. REMOVE AC PAVEMENT.
8. REMOVE EX SIGN & POST.
9. REMOVE AND CAP IRRIGATION.
10. 4" HMA CONFORM

CONSTRUCTION NOTES:

1. USE CAUTION WHEN DIGGING NEAR ELECTRICAL LINES. CALL UNDERGROUND SERVICE ALERT (USA) PRIOR TO DIGGING.
2. SEE CURB RAMP GRADING SHEET XX FOR NEW CONCRETE IMPROVEMENTS AND CURB RAMPS.

GRAPHIC SCALE
20 0 20 40

DATE	REVISIONS	NO.

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS EMPLOYEE-OWNED

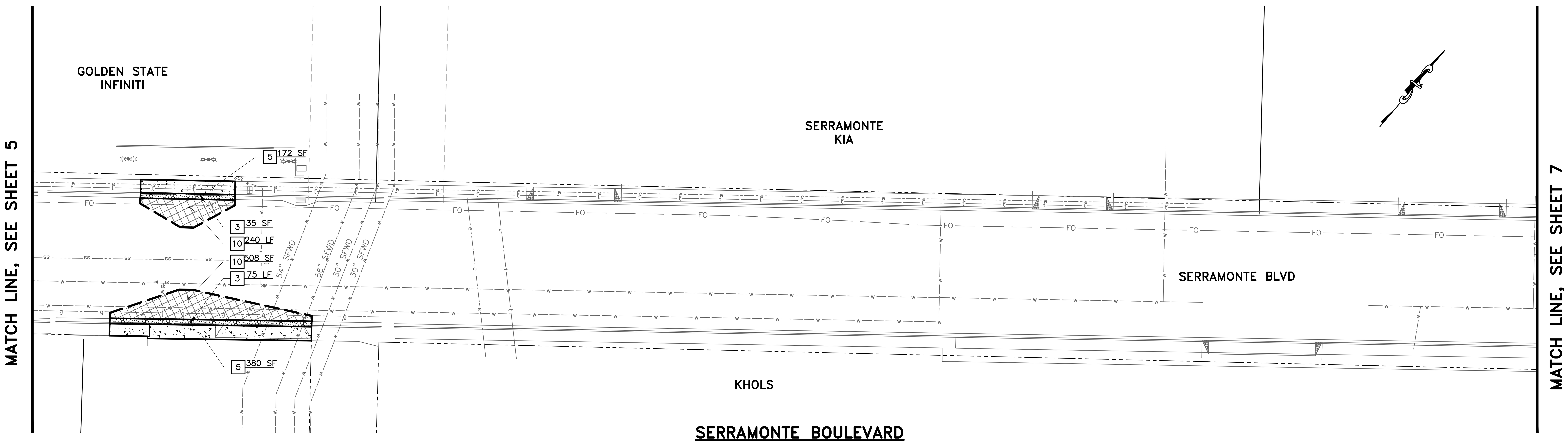
PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
DEMOLITION PLANS
(STA 10+00 TO STA 15+50)

SHEET: 5 OF 31

DATE: 1/29/24

JOB#: 23.106



SERRAMONTE BOULEVARD

SCALE: 1"=20'

LEGEND:

ITEM	DESCRIPTION
	REMOVE EX CONCRETE CURB/CURB & GUTTER
	REMOVE EX CONCRETE SIDEWALK/CURB RAMP
	REMOVE EX CONCRETE MEDIAN
	REMOVE EX LANDSCAPE AREA
	REMOVE EX AC PAVEMENT
	ASPHALT CONCRETE CONFORM
	RIGHT OF WAY
	SAWCUT LINE

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. RELOCATE EX STREET LIGHT.
3. REMOVE EX CONCRETE CURB/CURB & GUTTER.
4. REMOVE EX CONCRETE MEDIAN.
5. REMOVE EX CONCRETE SIDEWALK/CURB RAMP.
6. REMOVE EX LANDSCAPE.
7. REMOVE AC PAVEMENT.
8. REMOVE EX SIGN & POST.
9. REMOVE AND CAP IRRIGATION.
10. 4" HMA CONFORM

CONSTRUCTION NOTES:

1. USE CAUTION WHEN DIGGING NEAR ELECTRICAL LINES. CALL UNDERGROUND SERVICE ALERT (USA) PRIOR TO DIGGING.
2. SEE CURB RAMP GRADING SHEET XX FOR NEW CONCRETE IMPROVEMENTS AND CURB RAMPS.

GRAPHIC SCALE

20 0 20 40

NO.	REVISIONS	DATE

SCALE: AS SHOWN
DRAWN: -
DESIGNED: -
APPROVED: -

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

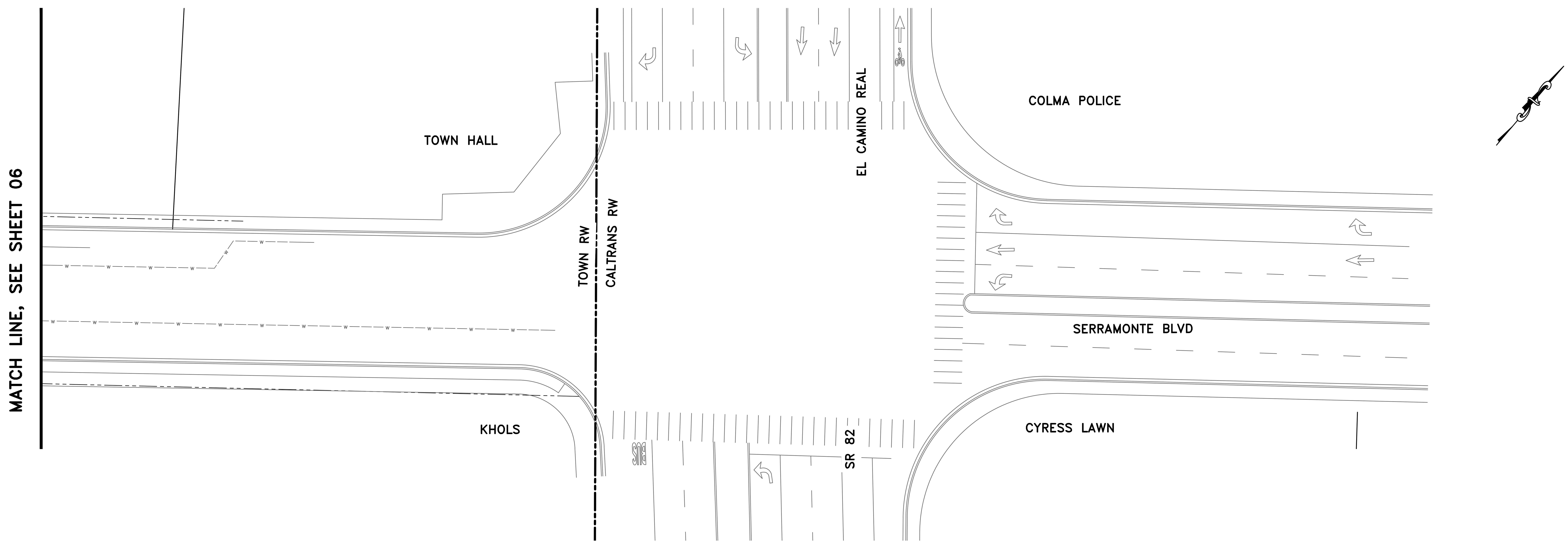
PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
DEMOLITION PLANS
(STA 10+00 TO STA 15+50)

DATE: 1/29/24

JOB#: 23.106



SERRAMONTE BOULEVARD

SCALE: 1"=20'

LEGEND:

ITEM	DESCRIPTION
	REMOVE EX CONCRETE CURB/CURB & GUTTER
	REMOVE EX CONCRETE SIDEWALK/CURB RAMP
	REMOVE EX CONCRETE MEDIAN
	REMOVE EX LANDSCAPE AREA
	REMOVE EX AC PAVEMENT
	ASPHALT CONCRETE CONFORM
	RIGHT OF WAY
	SAWCUT LINE

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. RELOCATE EX STREET LIGHT.
3. REMOVE EX CONCRETE CURB/CURB & GUTTER.
4. REMOVE EX CONCRETE MEDIAN.
5. REMOVE EX CONCRETE SIDEWALK/CURB RAMP.
6. REMOVE EX LANDSCAPE.
7. REMOVE AC PAVEMENT.
8. REMOVE EX SIGN & POST.
9. REMOVE AND CAP IRRIGATION.
10. 4" HMA CONFORM

CONSTRUCTION NOTES:

1. USE CAUTION WHEN DIGGING NEAR ELECTRICAL LINES. CALL UNDERGROUND SERVICE ALERT (USA) PRIOR TO DIGGING.
2. SEE CURB RAMP GRADING SHEET XX FOR NEW CONCRETE IMPROVEMENTS AND CURB RAMPS.

GRAPHIC SCALE
20 0 20 40

NO.	REVISIONS	DATE

SCALE: AS SHOWN
DRAWN: -
DESIGNED: -
APPROVED: -

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
DEMOLITION PLANS
(STA 10+00 TO STA 15+50)

DATE: 1/29/24
JOB#: 23.106

SERRAMONTE BOULEVARD
SCALE: 1"=20'

LEGEND:

ITEM	DESCRIPTION
	CONCRETE CURB & GUTTER
	CONCRETE SIDEWALK
	CONCRETE CURB RAMP
	DETECTABLE WARNING SURFACE
	ASPHALT CONCRETE CONFORM
	RETAINING CURB
	12" DEEPLIFT ASPHALT CONCRETE

LEGEND:

ITEM	DESCRIPTION
	TYPE II SLURRY SEAL
	RIGHT OF WAY
	RUBBER CURB DELINEATOR

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. ADJUST UTILITY COVER TO GRADE.
3. CONSTRUCT CURB RAMP PER TOWN STANDARD DETAIL 1, AND/OR SEE GRADING SHEETS & CALTRANS STANDARD PLANS A88A.
4. CONSTRUCT SIDEWALK PER TOWN STANDARD DETAIL 1.
5. CONSTRUCT CURB & GUTTER PER TOWN STANDARD DETAIL 1.
6. 4" HMA CONFORM.
7. CONSTRUCT CURB PER TOWN STANDARD DETAIL 1.
8. REFER TO WTRANS INTERCONNECT PLAN SHEET FOR JUNIPERO SERRA INTERSECTION SHEET 24.
9. REFER TO WTRANS SIGNAL PLAN SHEET FOR SERRA CENTER INTERSECTION SHEET 22.
10. RECTANGULAR RAPID FLASHING BEACON (RRFB). REFER TO WTRANS RRFB PLAN SHEET 25.
11. RUBBER CURB VERTICAL DELINEATOR WITH DETECTABLE WARNING SURFACES FOR PEDESTRIAN REFUGE IN BETWEEN MID BLOCK CROSSWALK. REFER TO DETAIL 4 SHEET 26.
12. RUBBERIZED CURB PER DETAIL 3 SHEET 30.
13. SLURRY SEAL.
14. UPDATE TO BICYCLE GRATE.
15. DETECTABLE WARNING SURFACE.
16. 12" DEEPLIFT ASPHALT CONCRETE, SEE DETAIL 1 SHEET 27.
17. RELOCATE EX. STREET LIGHT.

CONSTRUCTION NOTES:

1. ALL EXISTING SURFACE UTILITY FACILITIES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
2. ALL UTILITIES SHOWN ARE SCHEMATIC. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES AND OTHER FEATURES PRIOR TO BEGINNING OF CONSTRUCTION.
3. ALL EXISTING MONUMENTS WITHIN PROJECT LIMITS SHALL BE PROTECTED IN PLACE.
4. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO THE START OF CONSTRUCTION.
5. CONTRACTOR TO COORDINATE WITH IMPACTED UTILITY FACILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.
6. ALL MANHOLES, VALVES AND PULL BOXES WITHIN THE LIMIT OF CONCRETE IMPROVEMENT SHALL BE ADJUSTED TO FINAL GRADE.
7. ALL IMPROVEMENTS SHALL BE WITHIN CITY RIGHT OF WAY, UNLESS OTHERWISE NOTED.
8. LIMITS OF SLURRY SEAL AND ASPHALT CONCRETE CONFORM AS SHOWN ON THE PLAN WILL BE ADJUSTED IF NEED BE PRIOR TO CONSTRUCTION.
9. CRACK SEALING AND AC DIGOUTS SHALL BE PERFORMED PRIOR TO SLURRY SEAL TREATMENT.
10. REMOVE ALL EXISTING PAVEMENT MARKERS, STRIPING AND MARKINGS WITHIN STREET SEGMENTS TO BE TREATED PRIOR TO SLURRY SEAL TREATMENT.
11. ALL CURB RAMPS SHALL COMPLY WITH THE MAXIMUM SLOPES, MINIMUM DIMENSIONS, DETECTABLE WARNING SURFACE, AND OTHER MISCELLANEOUS REQUIREMENTS PER CITY STANDARD AND AS SHOWN ON CALTRANS STANDARD PLAN A88A AND A88B.
12. CONFORM TO EXISTING SIDEWALK AND CURB & GUTTER AT NEAREST SCORE LINE/CONSTRUCTION JOINT.
13. SCORE LINE PATTERNS ON NEW SIDEWALK SHALL MATCH EXISTING ON ADJACENT SIDEWALK.
14. SEE SHEETS 22 THROUGH 25 FOR LIGHTING AND SIGNAL INSTALLATION IMPROVEMENTS.

GRAPHIC SCALE
20 0 20 40

DATE	REVISIONS	NO.

SCALE: AS SHOWN
DRAWN: -
DESIGNED: -
APPROVED: -

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE: SERRAMONTE BOULEVARD WEST PHASE I IMPROVEMENT PLAN (STA 10+00 TO STA 15+50)

DATE: 1/29/24
JOB#: 23.106

\\SERVER2\Shared\Clients\DESIGN\23.106-Serramonte Blvd West Phase I\PLANS-106\08-12_IMPROV-106.dwg@ 01/29/24 @ 05:54:36 PM

SERRAMONTE BOULEVARD
SCALE: 1"=20'

LEGEND:

ITEM	DESCRIPTION
	CONCRETE CURB & GUTTER
	CONCRETE SIDEWALK
	CONCRETE CURB RAMP
	DETECTABLE WARNING SURFACE
	ASPHALT CONCRETE CONFORM
	RETAINING CURB
	12" DEEPLIFT ASPHALT CONCRETE

LEGEND:

ITEM	DESCRIPTION
	TYPE II SLURRY SEAL
	RIGHT OF WAY
	RUBBER CURB DELINEATOR

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. ADJUST UTILITY COVER TO GRADE.
3. CONSTRUCT CURB RAMP PER TOWN STANDARD DETAIL 1, AND/OR SEE GRADING SHEETS & CALTRANS STANDARD PLANS A88A.
4. CONSTRUCT SIDEWALK PER TOWN STANDARD DETAIL 1.
5. CONSTRUCT CURB & GUTTER PER TOWN STANDARD DETAIL 1.
6. 4" HMA CONFORM.
7. CONSTRUCT CURB PER TOWN STANDARD DETAIL 1.
8. REFER TO WTRANS INTERCONNECT PLAN SHEET FOR JUNIPERO SERRA INTERSECTION SHEET 24.
9. REFER TO WTRANS SIGNAL PLAN SHEET FOR SERRA CENTER INTERSECTION SHEET 22.
10. RECTANGULAR RAPID FLASHING BEACON (RRFB). REFER TO WTRANS RRFB PLAN SHEET 25.
11. RUBBER CURB VERTICAL DELINEATOR WITH DETECTABLE WARNING SURFACES FOR PEDESTRIAN REFUGE IN BETWEEN MID BLOCK CROSSWALK. REFER TO DETAIL 4 SHEET 26.
12. RUBBERIZED CURB PER DETAIL 3 SHEET 30.
13. SLURRY SEAL.
14. UPDATE TO BICYCLE GRATE.
15. DETECTABLE WARNING SURFACE.
16. 12" DEEPLIFT ASPHALT CONCRETE, SEE DETAIL 1 SHEET 27.
17. RELOCATE EX. STREET LIGHT.

CONSTRUCTION NOTES:

1. ALL EXISTING SURFACE UTILITY FACILITIES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
2. ALL UTILITIES SHOWN ARE SCHEMATIC. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES AND OTHER FEATURES PRIOR TO BEGINNING OF CONSTRUCTION.
3. ALL EXISTING MONUMENTS WITHIN PROJECT LIMITS SHALL BE PROTECTED IN PLACE.
4. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO THE START OF CONSTRUCTION.
5. CONTRACTOR TO COORDINATE WITH IMPACTED UTILITY FACILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.
6. ALL MANHOLES, VALVES AND PULL BOXES WITHIN THE LIMIT OF CONCRETE IMPROVEMENT SHALL BE ADJUSTED TO FINAL GRADE.
7. ALL IMPROVEMENTS SHALL BE WITHIN CITY RIGHT OF WAY, UNLESS OTHERWISE NOTED.
8. LIMITS OF SLURRY SEAL AND ASPHALT CONCRETE CONFORM AS SHOWN ON THE PLAN WILL BE ADJUSTED IF NEED BE PRIOR TO CONSTRUCTION.
9. CRACK SEALING AND AC DIGOUTS SHALL BE PERFORMED PRIOR TO SLURRY SEAL TREATMENT.
10. REMOVE ALL EXISTING PAVEMENT MARKERS, STRIPING AND MARKINGS WITHIN STREET SEGMENTS TO BE TREATED PRIOR TO SLURRY SEAL TREATMENT.
11. ALL CURB RAMPS SHALL COMPLY WITH THE MAXIMUM SLOPES, MINIMUM DIMENSIONS, DETECTABLE WARNING SURFACE, AND OTHER MISCELLANEOUS REQUIREMENTS PER CITY STANDARD AND AS SHOWN ON CALTRANS STANDARD PLAN A88A AND A88B.
12. CONFORM TO EXISTING SIDEWALK AND CURB & GUTTER AT NEAREST SCORE LINE/CONSTRUCTION JOINT.
13. SCORE LINE PATTERNS ON NEW SIDEWALK SHALL MATCH EXISTING ON ADJACENT SIDEWALK.
14. SEE SHEETS 22 THROUGH 25 FOR LIGHTING AND SIGNAL INSTALLATION IMPROVEMENTS.

GRAPHIC SCALE
20 0 20 40

NO.	REVISIONS	DATE

SCALE: AS SHOWN
DRAWN: -
DESIGNED: -
APPROVED: -

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

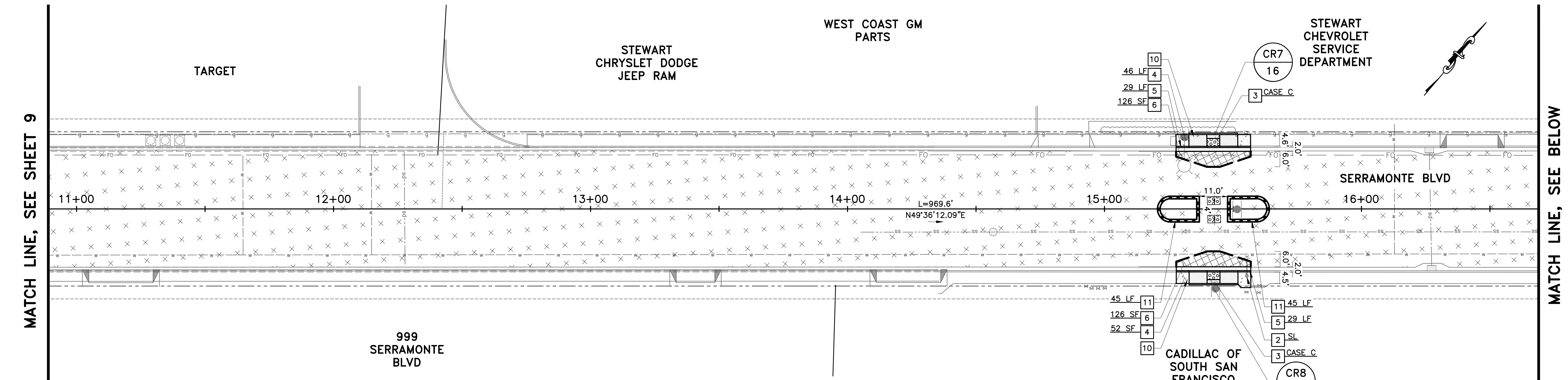
PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
IMPROVEMENT PLAN
(STA 10+00 TO STA 15+50)

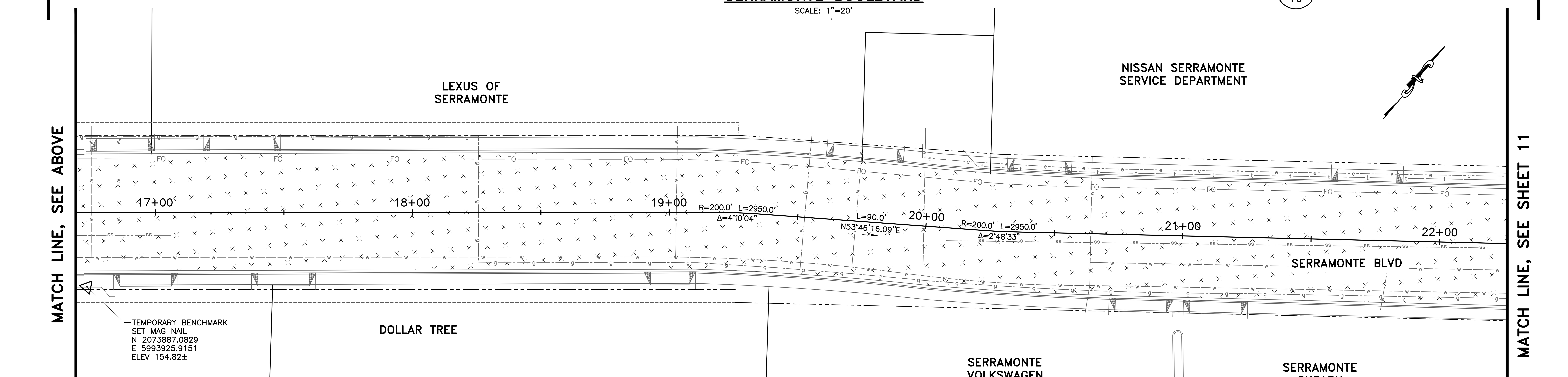
DATE: 1/29/24
JOB#: 23.106

\\SERVER2\Shared\Clients\DESIGN\23.106-Serramonte Blvd West Phase I\PLANS-106\08-12_IMPROV-106.dwg@ 01/29/24 @ 02:00:39 PM



SERRAMONTE BOULEVARD

SCALE: 1"=20'



SERRAMONTE BOULEVARD

SCALE: 1"=20'

LEGEND:

ITEM	DESCRIPTION
	CONCRETE CURB & GUTTER
	CONCRETE SIDEWALK
	CONCRETE CURB RAMP
	DETECTABLE WARNING SURFACE
	ASPHALT CONCRETE CONFORM
	RETAINING CURB
	12" DEEPLIFT ASPHALT CONCRETE

LEGEND:

ITEM	DESCRIPTION
	TYPE II SLURRY SEAL
	RIGHT OF WAY
	RUBBER CURB DELINEATOR

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. ADJUST UTILITY COVER TO GRADE.
3. CONSTRUCT CURB RAMP PER TOWN STANDARD DETAIL 1, AND/OR SEE GRADING SHEETS & CALTRANS STANDARD PLANS A88A.
4. CONSTRUCT SIDEWALK PER TOWN STANDARD DETAIL 1.
5. CONSTRUCT CURB & GUTTER PER TOWN STANDARD DETAIL 1.
6. 4" HMA CONFORM.
7. CONSTRUCT CURB PER TOWN STANDARD DETAIL 1.
8. REFER TO WTRANS INTERCONNECT PLAN SHEET FOR JUNIPERO SERRA INTERSECTION SHEET 24.
9. REFER TO WTRANS SIGNAL PLAN SHEET FOR SERRA CENTER INTERSECTION SHEET 22.
10. RECTANGULAR RAPID FLASHING BEACON (RRFB). REFER TO WTRANS RRFB PLAN SHEET 25.
11. RUBBER CURB VERTICAL DELINEATOR WITH DETECTABLE WARNING SURFACES FOR PEDESTRIAN REFUGE IN BETWEEN MID BLOCK CROSSWALK. REFER TO DETAIL 4 SHEET 26.
12. RUBBERIZED CURB PER DETAIL 3 SHEET 30.
13. SLURRY SEAL.
14. UPDATE TO BICYCLE GRATE.
15. DETECTABLE WARNING SURFACE.
16. 12" DEEPLIFT ASPHALT CONCRETE, SEE DETAIL 1 SHEET 27.
17. RELOCATE EX. STREET LIGHT.

CONSTRUCTION NOTES:

1. ALL EXISTING SURFACE UTILITY FACILITIES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
2. ALL UTILITIES SHOWN ARE SCHEMATIC. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES AND OTHER FEATURES PRIOR TO BEGINNING OF CONSTRUCTION.
3. ALL EXISTING MONUMENTS WITHIN PROJECT LIMITS SHALL BE PROTECTED IN PLACE.
4. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO THE START OF CONSTRUCTION.
5. CONTRACTOR TO COORDINATE WITH IMPACTED UTILITY FACILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.
6. ALL MANHOLES, VALVES AND PULL BOXES WITHIN THE LIMIT OF CONCRETE IMPROVEMENT SHALL BE ADJUSTED TO FINAL GRADE.
7. ALL IMPROVEMENTS SHALL BE WITHIN CITY RIGHT OF WAY, UNLESS OTHERWISE NOTED.
8. LIMITS OF SLURRY SEAL AND ASPHALT CONCRETE CONFORM AS SHOWN ON THE PLAN WILL BE ADJUSTED IF NEED BE PRIOR TO CONSTRUCTION.
9. CRACK SEALING AND AC DIGOUTS SHALL BE PERFORMED PRIOR TO SLURRY SEAL TREATMENT.
10. REMOVE ALL EXISTING PAVEMENT MARKERS, STRIPING AND MARKINGS WITHIN STREET SEGMENTS TO BE TREATED PRIOR TO SLURRY SEAL TREATMENT.
11. ALL CURB RAMPS SHALL COMPLY WITH THE MAXIMUM SLOPES, MINIMUM DIMENSIONS, DETECTABLE WARNING SURFACE, AND OTHER MISCELLANEOUS REQUIREMENTS PER CITY STANDARD AND AS SHOWN ON CALTRANS STANDARD PLAN A88A AND A88B.
12. CONFORM TO EXISTING SIDEWALK AND CURB & GUTTER AT NEAREST SCORE LINE/CONSTRUCTION JOINT.
13. SCORE LINE PATTERNS ON NEW SIDEWALK SHALL MATCH EXISTING ON ADJACENT SIDEWALK.
14. SEE SHEETS 22 THROUGH 25 FOR LIGHTING AND SIGNAL INSTALLATION IMPROVEMENTS.

GRAPHIC SCALE 20 0 20 40

DATE	REVISIONS	NO.

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
EMPLOYEE-OWNED

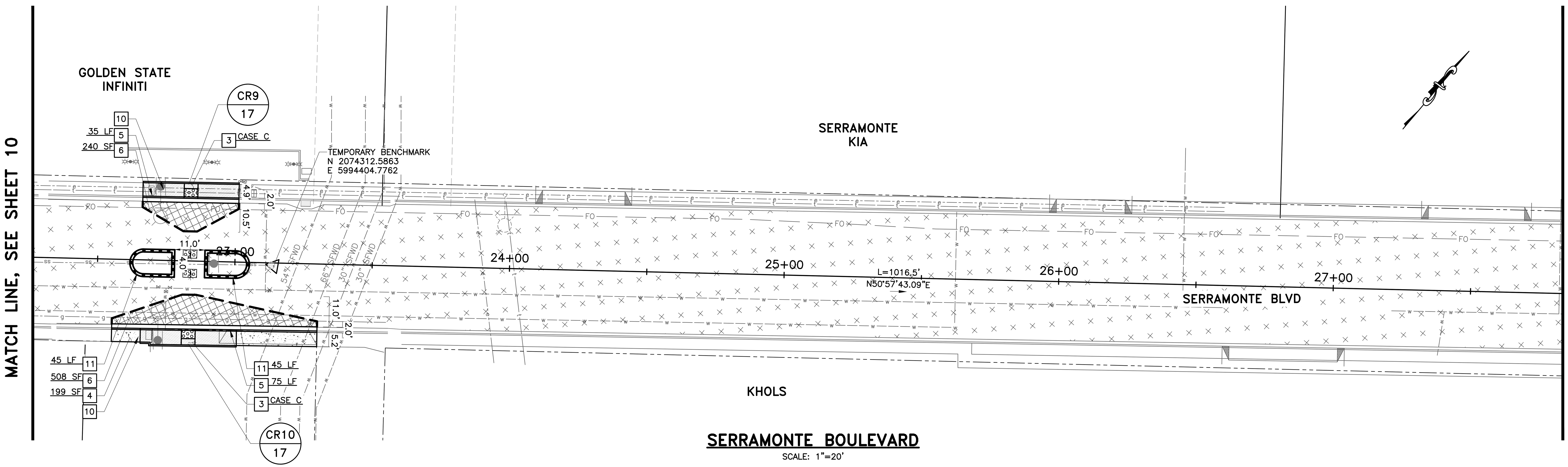
PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE: SERRAMONTE BOULEVARD WEST PHASE I IMPROVEMENT PLAN (STA 10+00 TO STA 15+50)

SHEET: 10 OF 31

DATE: 1/29/24

JOB#: 23.106



SERRAMONTE BOULEVARD

SCALE: 1"=20'

LEGEND:

ITEM	DESCRIPTION
	CONCRETE CURB & GUTTER
	CONCRETE SIDEWALK
	CONCRETE CURB RAMP
	DETECTABLE WARNING SURFACE
	ASPHALT CONCRETE CONFORM
	RETAINING CURB
	12" DEEPLIFT ASPHALT CONCRETE

LEGEND:

ITEM	DESCRIPTION
	TYPE II SLURRY SEAL
	RIGHT OF WAY
	RUBBER CURB DELINEATOR

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. ADJUST UTILITY COVER TO GRADE.
3. CONSTRUCT CURB RAMP PER TOWN STANDARD DETAIL 1, AND/OR SEE GRADING SHEETS & CALTRANS STANDARD PLANS A88A.
4. CONSTRUCT SIDEWALK PER TOWN STANDARD DETAIL 1.
5. CONSTRUCT CURB & GUTTER PER TOWN STANDARD DETAIL 1.
6. 4" HMA CONFORM.
7. CONSTRUCT CURB PER TOWN STANDARD DETAIL 1.
8. REFER TO WTRANS INTERCONNECT PLAN SHEET FOR JUNIPERO SERRA INTERSECTION SHEET 24.
9. REFER TO WTRANS SIGNAL PLAN SHEET FOR SERRA CENTER INTERSECTION SHEET 22.
10. RECTANGULAR RAPID FLASHING BEACON (RRFB). REFER TO WTRANS RRFB PLAN SHEET 25.
11. RUBBER CURB VERTICAL DELINEATOR WITH DETECTABLE WARNING SURFACES FOR PEDESTRIAN REFUGE IN BETWEEN MID BLOCK CROSSWALK. REFER TO DETAIL 4 SHEET 26.
12. RUBBERIZED CURB PER DETAIL 3 SHEET 30.
13. SLURRY SEAL.
14. UPDATE TO BICYCLE GRATE.
15. DETECTABLE WARNING SURFACE.
16. 12" DEEPLIFT ASPHALT CONCRETE, SEE DETAIL 1 SHEET 27.
17. RELOCATE EX. STREET LIGHT.

CONSTRUCTION NOTES:

1. ALL EXISTING SURFACE UTILITY FACILITIES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
2. ALL UTILITIES SHOWN ARE SCHEMATIC. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES AND OTHER FEATURES PRIOR TO BEGINNING OF CONSTRUCTION.
3. ALL EXISTING MONUMENTS WITHIN PROJECT LIMITS SHALL BE PROTECTED IN PLACE.
4. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO THE START OF CONSTRUCTION.
5. CONTRACTOR TO COORDINATE WITH IMPACTED UTILITY FACILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.
6. ALL MANHOLES, VALVES AND PULL BOXES WITHIN THE LIMIT OF CONCRETE IMPROVEMENT SHALL BE ADJUSTED TO FINAL GRADE.
7. ALL IMPROVEMENTS SHALL BE WITHIN CITY RIGHT OF WAY, UNLESS OTHERWISE NOTED.
8. LIMITS OF SLURRY SEAL AND ASPHALT CONCRETE CONFORM AS SHOWN ON THE PLAN WILL BE ADJUSTED IF NEED BE PRIOR TO CONSTRUCTION.
9. CRACK SEALING AND AC DIGOUTS SHALL BE PERFORMED PRIOR TO SLURRY SEAL TREATMENT.
10. REMOVE ALL EXISTING PAVEMENT MARKERS, STRIPING AND MARKINGS WITHIN STREET SEGMENTS TO BE TREATED PRIOR TO SLURRY SEAL TREATMENT.
11. ALL CURB RAMPS SHALL COMPLY WITH THE MAXIMUM SLOPES, MINIMUM DIMENSIONS, DETECTABLE WARNING SURFACE, AND OTHER MISCELLANEOUS REQUIREMENTS PER CITY STANDARD AND AS SHOWN ON CALTRANS STANDARD PLAN A88A AND A88B.
12. CONFORM TO EXISTING SIDEWALK AND CURB & GUTTER AT NEAREST SCORE LINE/CONSTRUCTION JOINT.
13. SCORE LINE PATTERNS ON NEW SIDEWALK SHALL MATCH EXISTING ON ADJACENT SIDEWALK.
14. SEE SHEETS 22 THROUGH 25 FOR LIGHTING AND SIGNAL INSTALLATION IMPROVEMENTS.

GRAPHIC SCALE 20 0 20 40

DATE	REVISIONS	NO.

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

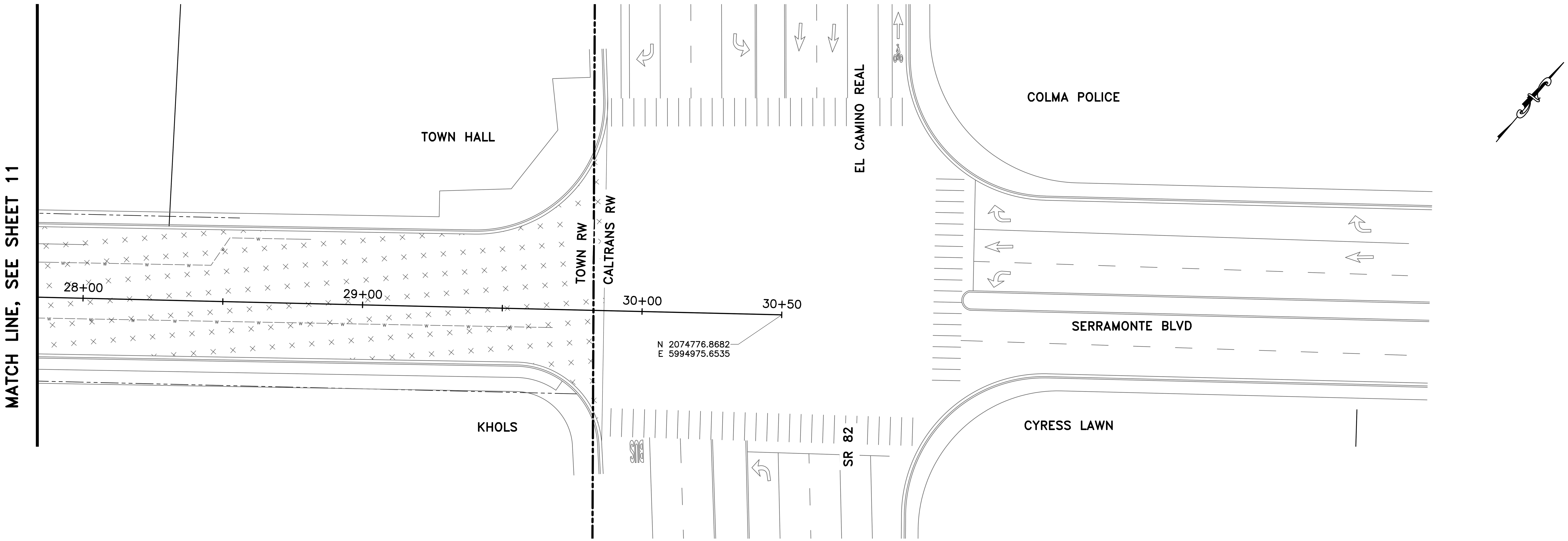
PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL, COLMA, CA 94014

TITLE: SERRAMONTE BOULEVARD WEST PHASE I IMPROVEMENT PLAN (STA 10+00 TO STA 15+50)

DATE: 1/29/24
JOB#: 23.106

\\SERVER2\Shared\Clients\DESIGN\23.106-Serramonte Blvd West Phase I\PLANS-106\08-12_IMPROV-106.dwg@ 01/29/24 @ 02:00:44 PM



SERRAMONTE BOULEVARD

SCALE: 1"=20'

LEGEND:

ITEM	DESCRIPTION
	CONCRETE CURB & GUTTER
	CONCRETE SIDEWALK
	CONCRETE CURB RAMP
	DETECTABLE WARNING SURFACE
	ASPHALT CONCRETE CONFORM
	RETAINING CURB
	12" DEEPLIFT ASPHALT CONCRETE

LEGEND:

ITEM	DESCRIPTION
	TYPE II SLURRY SEAL
	RIGHT OF WAY
	RUBBER CURB DELINEATOR

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. ADJUST UTILITY COVER TO GRADE.
3. CONSTRUCT CURB RAMP PER TOWN STANDARD DETAIL 1, AND/OR SEE GRADING SHEETS & CALTRANS STANDARD PLANS A88A.
4. CONSTRUCT SIDEWALK PER TOWN STANDARD DETAIL 1.
5. CONSTRUCT CURB & GUTTER PER TOWN STANDARD DETAIL 1.
6. 4" HMA CONFORM.
7. CONSTRUCT CURB PER TOWN STANDARD DETAIL 1.
8. REFER TO WTRANS INTERCONNECT PLAN SHEET FOR JUNIPERO SERRA INTERSECTION SHEET 24.
9. REFER TO WTRANS SIGNAL PLAN SHEET FOR SERRA CENTER INTERSECTION SHEET 22.
10. RECTANGULAR RAPID FLASHING BEACON (RRFB). REFER TO WTRANS RRFB PLAN SHEET 25.
11. RUBBER CURB VERTICAL DELINEATOR WITH DETECTABLE WARNING SURFACES FOR PEDESTRIAN REFUGE IN BETWEEN MID BLOCK CROSSWALK. REFER TO DETAIL 4 SHEET 26.
12. RUBBERIZED CURB PER DETAIL 3 SHEET 30.
13. SLURRY SEAL.
14. UPDATE TO BICYCLE GRATE.
15. DETECTABLE WARNING SURFACE.
16. 12" DEEPLIFT ASPHALT CONCRETE, SEE DETAIL 1 SHEET 27.
17. RELOCATE EX. STREET LIGHT.

CONSTRUCTION NOTES:

1. ALL EXISTING SURFACE UTILITY FACILITIES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED.
2. ALL UTILITIES SHOWN ARE SCHEMATIC. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES AND OTHER FEATURES PRIOR TO BEGINNING OF CONSTRUCTION.
3. ALL EXISTING MONUMENTS WITHIN PROJECT LIMITS SHALL BE PROTECTED IN PLACE.
4. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO THE START OF CONSTRUCTION.
5. CONTRACTOR TO COORDINATE WITH IMPACTED UTILITY FACILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.
6. ALL MANHOLES, VALVES AND PULL BOXES WITHIN THE LIMIT OF CONCRETE IMPROVEMENT SHALL BE ADJUSTED TO FINAL GRADE.
7. ALL IMPROVEMENTS SHALL BE WITHIN CITY RIGHT OF WAY, UNLESS OTHERWISE NOTED.
8. LIMITS OF SLURRY SEAL AND ASPHALT CONCRETE CONFORM AS SHOWN ON THE PLAN WILL BE ADJUSTED IF NEED BE PRIOR TO CONSTRUCTION.
9. CRACK SEALING AND AC DIGOUTS SHALL BE PERFORMED PRIOR TO SLURRY SEAL TREATMENT.
10. REMOVE ALL EXISTING PAVEMENT MARKERS, STRIPING AND MARKINGS WITHIN STREET SEGMENTS TO BE TREATED PRIOR TO SLURRY SEAL TREATMENT.
11. ALL CURB RAMPS SHALL COMPLY WITH THE MAXIMUM SLOPES, MINIMUM DIMENSIONS, DETECTABLE WARNING SURFACE, AND OTHER MISCELLANEOUS REQUIREMENTS PER CITY STANDARD AND AS SHOWN ON CALTRANS STANDARD PLAN A88A AND A88B.
12. CONFORM TO EXISTING SIDEWALK AND CURB & GUTTER AT NEAREST SCORE LINE/CONSTRUCTION JOINT.
13. SCORE LINE PATTERNS ON NEW SIDEWALK SHALL MATCH EXISTING ON ADJACENT SIDEWALK.
14. SEE SHEETS 22 THROUGH 25 FOR LIGHTING AND SIGNAL INSTALLATION IMPROVEMENTS.

GRAPHIC SCALE
20 0 20 40

NO.	REVISIONS	DATE

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE: SERRAMONTE BOULEVARD WEST PHASE I IMPROVEMENT PLANS (STA 10+00 TO STA 15+50)

SHEET: 12 OF 31

DATE: 1/29/24

JOB#: 23.106

SERRAMONTE BOULEVARD

SCALE: 1"=20'

LEGEND:

ITEM	DESCRIPTION
XX	CALTRANS STRIPING DETAIL NO.
	LANE LINE
	12" LIMIT LINE
	YIELD LINE
	CONTINENTAL CROSSWALK
	BLUE MARKER
	TRAFFIC SIGN
6'	BIKE LANE MARKING

ITEM	DESCRIPTION
	VERTICAL DELINIEATOR
	SHARED LANE (SHARROW) MARKING
	TYPE I ARROW
	TYPE III ARROW
	TYPE IV TURN ARROW
	TYPE VI ARROW
	TYPE VII TURN ARROW
KEEP CLEAR ONLY FWY STOP	PAVEMENT MARKINGS

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. NEW SIGN POST AND SIGN PANEL.
3. TWO-WAY REFLECTIVE FIRE HYDRANT BLUE PAVEMENT MARKER PER DETAIL 5 ON SHEET 26.
4. YIELD LINE PER CALTRANS STD PLAN A24G.
5. STOP CONTROL INSTALLATION DETAIL PER DETAIL 3 ON SHEET 26.
6. THERMOPLASTIC PAVEMENT MARKING PER CALTRANS STD PLANS A24A TO A24F.
7. GREEN PAVEMENT MARKING PER DETAIL 2 SHEET 26.
8. SEE SHARED LANE MARKING (SHARROW).
9. PAINT CROSSWALK PER DETAIL 1 ON SHEET 26.
10. VERTICAL DELINEATOR PER DETAIL 8 ON SHEET 26.

CONSTRUCTION NOTES:

1. INSTALL BLUE MARKERS AT EACH FIRE HYDRANT LOCATION WHETHER FIRE HYDRANTS ARE SHOWN ON THESE PLANS OR NOT.
2. PAVEMENT STRIPING AND MARKINGS SHALL BE REMOVED & REPLACED IN KIND UNLESS OTHERWISE SHOWN.
3. STRIPING AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED.
4. ALL STRIPING AND MARKINGS SHALL BE CAT TRACKED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. A MINIMUM OF 72 HOUR NOTICE IS REQUIRED.

GRAPHIC SCALE

20 0 20 40

DATE	REVISIONS	NO.

SCALE: AS SHOWN

DRAWN: –

DESIGNED: –

APPROVED: –

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL, COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
SIGNING & STRIPING PLANS
(STA 10+00 TO STA 15+50)

DATE: 1/29/24

JOB#: 23.106

\\SERVER2\Shared\Clients\DESIGN\23.106-Serramonte Blvd West Phase I\PLANS-106\13-17_STRIPING-106.dwg@ 01/29/24 @ 02:02:04 PM

SERRAMONTE BOULEVARD

SCALE: 1"=20'

LEGEND:

ITEM	DESCRIPTION
XX	CALTRANS STRIPING DETAIL NO.
	LANE LINE
	12" LIMIT LINE
	YIELD LINE
	CONTINENTAL CROSSWALK
	BLUE MARKER
	TRAFFIC SIGN
6'	BIKE LANE MARKING

ITEM	DESCRIPTION
	VERTICAL DELINIEATOR
	SHARED LANE (SHARROW) MARKING
	TYPE I ARROW
	TYPE III ARROW
	TYPE IV TURN ARROW
	TYPE VI ARROW
	TYPE VII TURN ARROW
KEEP CLEAR ONLY FHY STOP	PAVEMENT MARKINGS

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. NEW SIGN POST AND SIGN PANEL.
3. TWO-WAY REFLECTIVE FIRE HYDRANT BLUE PAVEMENT MARKER PER DETAIL 5 ON SHEET 26.
4. YIELD LINE PER CALTRANS STD PLAN A24G.
5. STOP CONTROL INSTALLATION DETAIL PER DETAIL 3 ON SHEET 26.
6. THERMOPLASTIC PAVEMENT MARKING PER CALTRANS STD PLANS A24A TO A24F.
7. GREEN PAVEMENT MARKING PER DETAIL 2 SHEET 26.
8. SEE SHARED LANE MARKING (SHARROW).
9. PAINT CROSSWALK PER DETAIL 1 ON SHEET 26.
10. VERTICAL DELINEATOR PER DETAIL 8 ON SHEET 26.

CONSTRUCTION NOTES:

1. INSTALL BLUE MARKERS AT EACH FIRE HYDRANT LOCATION WHETHER FIRE HYDRANTS ARE SHOWN ON THESE PLANS OR NOT.
2. PAVEMENT STRIPING AND MARKINGS SHALL BE REMOVED & REPLACED IN KIND UNLESS OTHERWISE SHOWN.
3. STRIPING AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED.
4. ALL STRIPING AND MARKINGS SHALL BE CAT TRACKED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. A MINIMUM OF 72 HOUR NOTICE IS REQUIRED.

GRAPHIC SCALE
20 0 20 40

NO.	REVISIONS	DATE

SCALE: AS SHOWN
DRAWN: -
DESIGNED: -
APPROVED: -

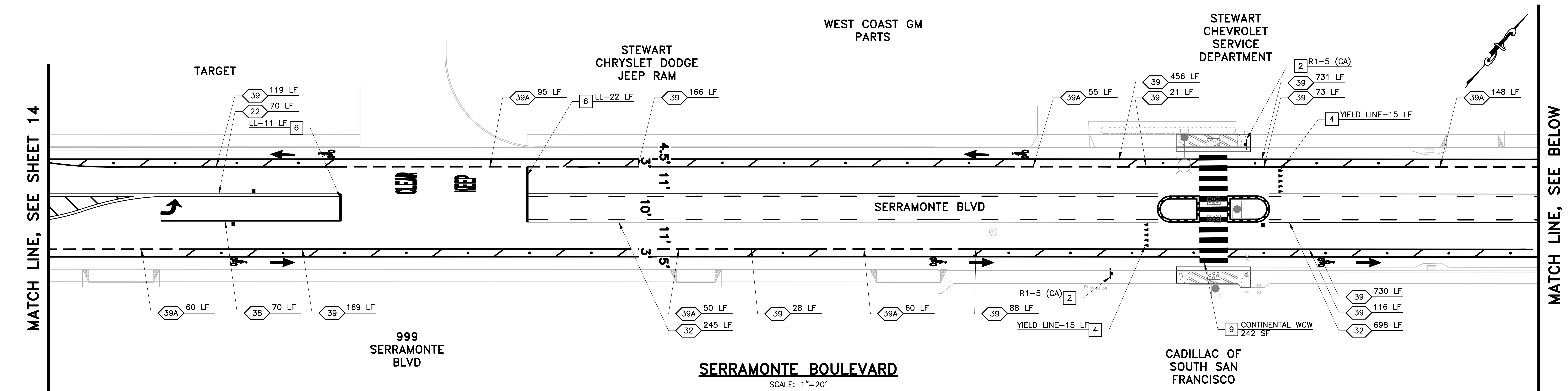
REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

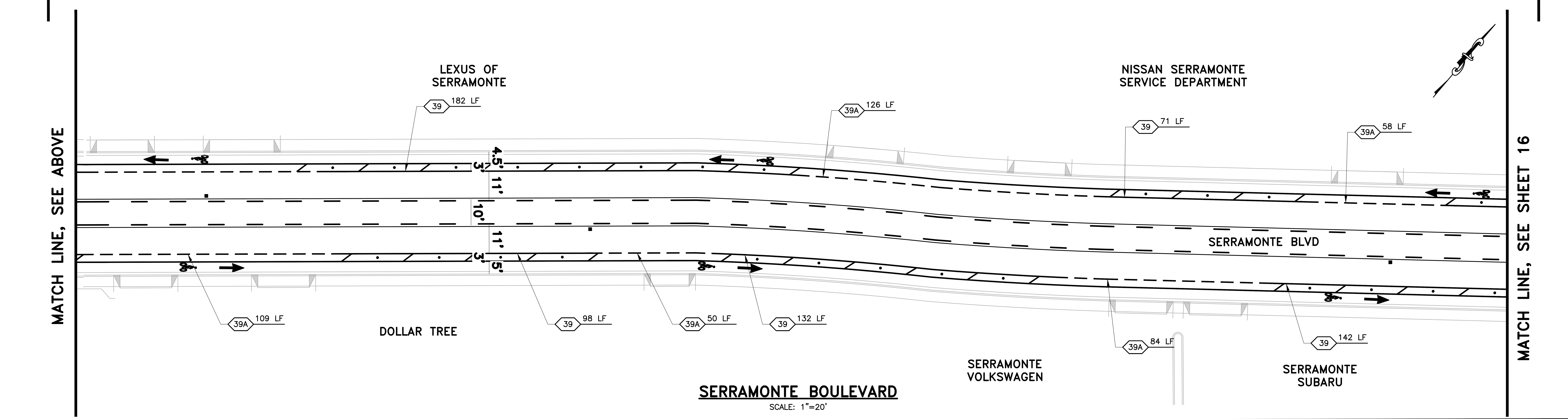
PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE: SERRAMONTE BOULEVARD WEST PHASE I
SIGNING & STRIPING PLANS
JUNIPERRO SERA BLVD TO 970 SERRAMONTE BLVD

DATE: 1/29/24
JOB#: 23.106





LEGEND:

ITEM	DESCRIPTION
XX	CALTRANS STRIPING DETAIL NO.
	LANE LINE
	12" LIMIT LINE
	YIELD LINE
	CONTINENTAL CROSSWALK
	BLUE MARKER
	TRAFFIC SIGN
6'	BIKE LANE MARKING

ITEM	DESCRIPTION
	VERTICAL DELINEATOR
	SHARED LANE (SHARROW) MARKING
	TYPE I ARROW
	TYPE III ARROW
	TYPE IV TURN ARROW
	TYPE VI ARROW
	TYPE VII TURN ARROW
KEEP CLEAR ONLY FWY STOP	PAVEMENT MARKINGS

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. NEW SIGN POST AND SIGN PANEL.
3. TWO-WAY REFLECTIVE FIRE HYDRANT BLUE PAVEMENT MARKER PER DETAIL 5 ON SHEET 26.
4. YIELD LINE PER CALTRANS STD PLAN A24G.
5. STOP CONTROL INSTALLATION DETAIL PER DETAIL 3 ON SHEET 26.
6. THERMOPLASTIC PAVEMENT MARKING PER CALTRANS STD PLANS A24A TO A24F.
7. GREEN PAVEMENT MARKING PER DETAIL 2 SHEET 26.
8. SEE SHARED LANE MARKING (SHARROW).
9. PAINT CROSSWALK PER DETAIL 1 ON SHEET 26.
10. VERTICAL DELINEATOR PER DETAIL 8 ON SHEET 26.

CONSTRUCTION NOTES:

1. INSTALL BLUE MARKERS AT EACH FIRE HYDRANT LOCATION WHETHER FIRE HYDRANTS ARE SHOWN ON THESE PLANS OR NOT.
2. PAVEMENT STRIPING AND MARKINGS SHALL BE REMOVED & REPLACED IN KIND UNLESS OTHERWISE SHOWN.
3. STRIPING AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED.
4. ALL STRIPING AND MARKINGS SHALL BE CAT TRACKED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. A MINIMUM OF 72 HOUR NOTICE IS REQUIRED.

GRAPHIC SCALE
20 0 20 40

DATE	REVISIONS	NO.

SCALE: AS SHOWN
DRAWN: -
DESIGNED: -
APPROVED: -

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL, COLMA, CA 94014

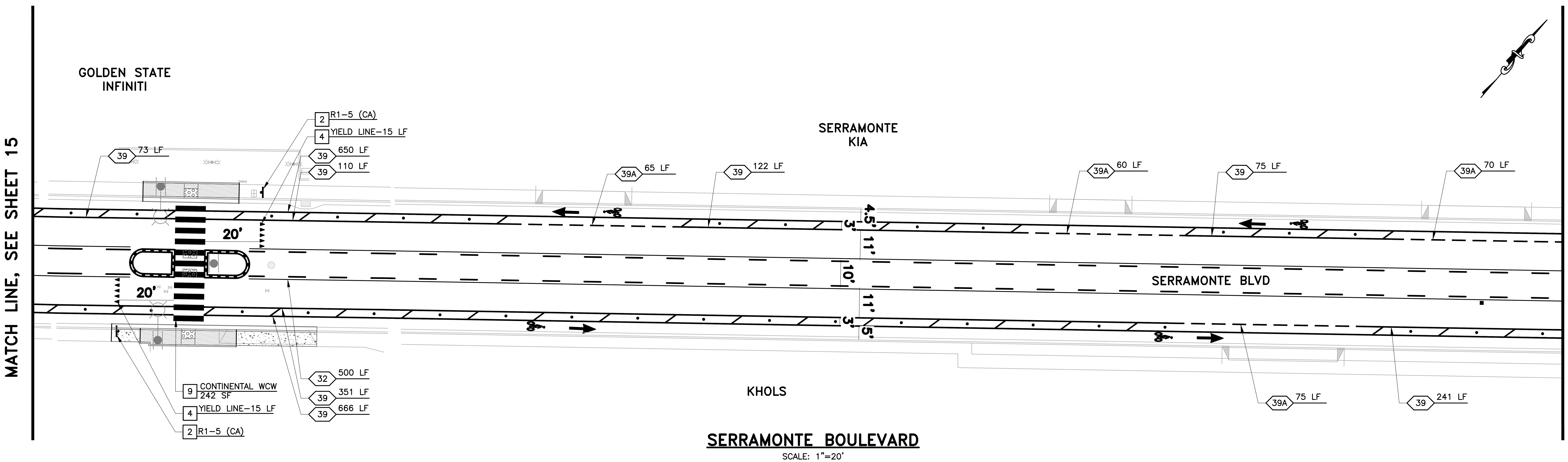
TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
SIGNING & STRIPING PLANS
970 SERRAMONTE BLVD TO 5001 JUNIPERO SERRA BLVD

SHEET: 15 OF 31

DATE: 1/29/24

JOB#: 23.106

\\SERVER2\Shared\Clients\DESIGN\23.106-Serramonte Blvd West Phase I\PLANS-106\13-17_STRIPING-106.dwg@ 01/29/24 @ 02:02:07 PM



SERRAMONTE BOULEVARD

SCALE: 1"=20'

LEGEND:

ITEM	DESCRIPTION
XX	CALTRANS STRIPING DETAIL NO.
	LANE LINE
	12" LIMIT LINE
	YIELD LINE
	CONTINENTAL CROSSWALK
	BLUE MARKER
	TRAFFIC SIGN
6'	BIKE LANE MARKING

ITEM	DESCRIPTION
	VERTICAL DELINIEATOR
	SHARED LANE (SHARROW) MARKING
	TYPE I ARROW
	TYPE III ARROW
	TYPE IV TURN ARROW
	TYPE VI ARROW
	TYPE VII TURN ARROW
KEEP CLEAR ONLY FWY STOP	PAVEMENT MARKINGS

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. NEW SIGN POST AND SIGN PANEL.
3. TWO-WAY REFLECTIVE FIRE HYDRANT BLUE PAVEMENT MARKER PER DETAIL 5 ON SHEET 26.
4. YIELD LINE PER CALTRANS STD PLAN A24G.
5. STOP CONTROL INSTALLATION DETAIL PER DETAIL 3 ON SHEET 26.
6. THERMOPLASTIC PAVEMENT MARKING PER CALTRANS STD PLANS A24A TO A24F.
7. GREEN PAVEMENT MARKING PER DETAIL 2 SHEET 26.
8. SEE SHARED LANE MARKING (SHARROW).
9. PAINT CROSSWALK PER DETAIL 1 ON SHEET 26.
10. VERTICAL DELINEATOR PER DETAIL 8 ON SHEET 26.

CONSTRUCTION NOTES:

1. INSTALL BLUE MARKERS AT EACH FIRE HYDRANT LOCATION WHETHER FIRE HYDRANTS ARE SHOWN ON THESE PLANS OR NOT.
2. PAVEMENT STRIPING AND MARKINGS SHALL BE REMOVED & REPLACED IN KIND UNLESS OTHERWISE SHOWN.
3. STRIPING AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED.
4. ALL STRIPING AND MARKINGS SHALL BE CAT TRACKED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. A MINIMUM OF 72 HOUR NOTICE IS REQUIRED.

GRAPHIC SCALE
20 0 20 40

NO.	REVISIONS	DATE

SCALE: AS SHOWN
DRAWN: -
DESIGNED: -
APPROVED: -

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS EMPLOYEE-OWNED

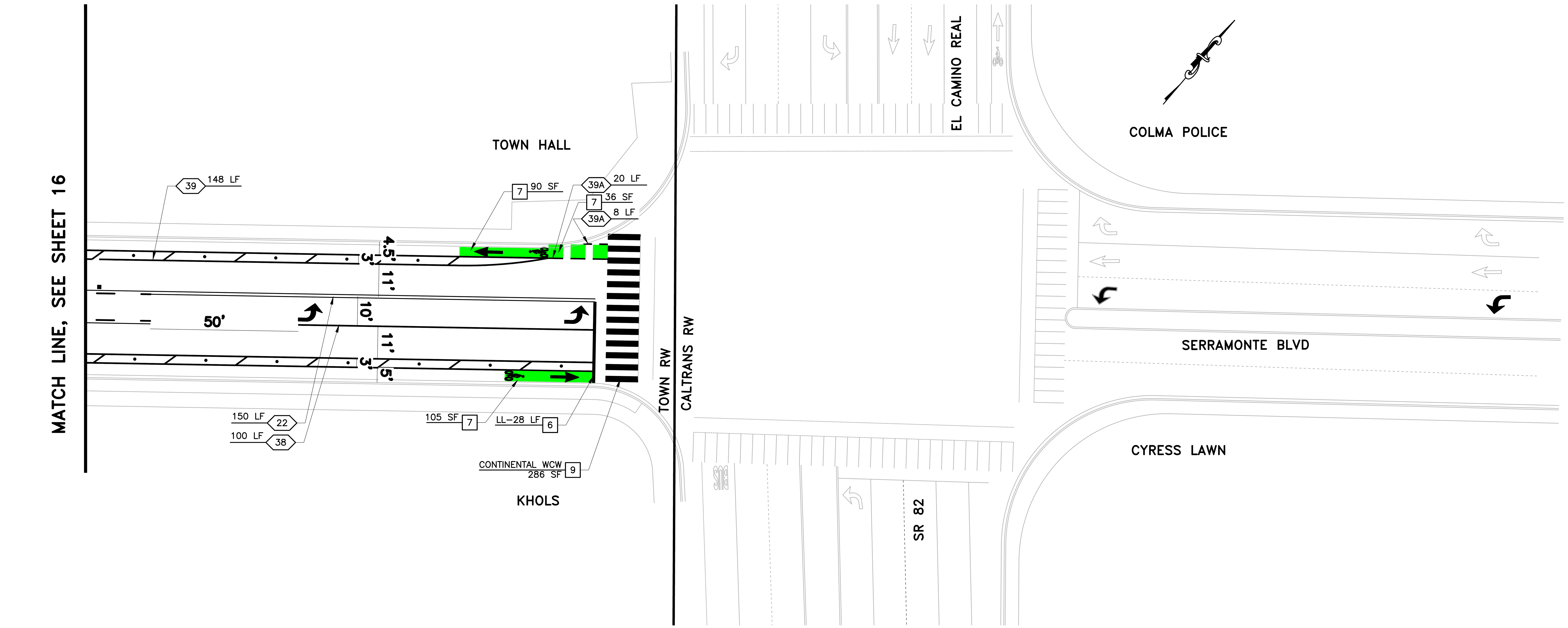
PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
SIGNING & STRIPING PLANS
780 SERRAMONTE BLVD TO
650 SERRAMONTE BLVD

SHEET: 16 OF 31

DATE: 1/29/24

JOB#: 23.106



SERRAMONTE BOULEVARD

SCALE: 1"=20'

LEGEND:

ITEM	DESCRIPTION
XX	CALTRANS STRIPING DETAIL NO.
	LANE LINE
	12" LIMIT LINE
	YIELD LINE
	CONTINENTAL CROSSWALK
	BLUE MARKER
	TRAFFIC SIGN
6'	BIKE LANE MARKING

ITEM	DESCRIPTION
	VERTICAL DELINIEATOR
	SHARED LANE (SHARROW) MARKING
	TYPE I ARROW
	TYPE III ARROW
	TYPE IV TURN ARROW
	TYPE VI ARROW
	TYPE VII TURN ARROW
KEEP CLEAR ONLY FWY STOP	PAVEMENT MARKINGS

811 Know what's below. Call before you dig.

PROJECT NOTES:

1. PROTECT IN PLACE.
2. NEW SIGN POST AND SIGN PANEL.
3. TWO-WAY REFLECTIVE FIRE HYDRANT BLUE PAVEMENT MARKER PER DETAIL 5 ON SHEET 26.
4. YIELD LINE PER CALTRANS STD PLAN A24G.
5. STOP CONTROL INSTALLATION DETAIL PER DETAIL 3 ON SHEET 26.
6. THERMOPLASTIC PAVEMENT MARKING PER CALTRANS STD PLANS A24A TO A24F.
7. GREEN PAVEMENT MARKING PER DETAIL 2 SHEET 26.
8. SEE SHARED LANE MARKING (SHARROW).
9. PAINT CROSSWALK PER DETAIL 1 ON SHEET 26.
10. VERTICAL DELINEATOR PER DETAIL 8 ON SHEET 26.

CONSTRUCTION NOTES:

1. INSTALL BLUE MARKERS AT EACH FIRE HYDRANT LOCATION WHETHER FIRE HYDRANTS ARE SHOWN ON THESE PLANS OR NOT.
2. PAVEMENT STRIPING AND MARKINGS SHALL BE REMOVED & REPLACED IN KIND UNLESS OTHERWISE SHOWN.
3. STRIPING AND PAVEMENT MARKINGS SHALL BE PAINT UNLESS OTHERWISE NOTED.
4. ALL STRIPING AND MARKINGS SHALL BE CAT TRACKED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO FINAL INSTALLATION. A MINIMUM OF 72 HOUR NOTICE IS REQUIRED.

GRAPHIC SCALE
20 0 20 40

NO.	REVISIONS	DATE

SCALE: AS SHOWN
DRAWN: -
DESIGNED: -
APPROVED: -

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
SIGNING & STRIPING PLANS
600 SERRAMONTE BLVD TO
1198 EL CAMINO REAL

SHEET: 17 OF 31

DATE: 1/29/24

JOB#: 23.106

\\SERVER2\Shared\Clients\DESIGN\23.106-Serramonte Blvd West Phase I\PLANS-106\13-17_STRIPING-106.dwg@ 01/29/24 @ 02:02:10 PM

COLLINS AVENUE & SERRAMONTE BOULEVARD

PLAN SCALE: 1"=10'

LEGEND:

ITEM	DESCRIPTION	ITEM	DESCRIPTION
	CONCRETE CURB & GUTTER		RIGHT OF WAY
	CONCRETE SIDEWALK		RUBBER CURB DELINEATOR
	CONCRETE CURB RAMP	(TC 100.50±) (FL 100.00±)	EXISTING ELEVATION & CONFORM
	DETECTABLE WARNING SURFACE	TC 100.50 FL 100.00	PROPOSED ELEVATION
	ASPHALT CONCRETE CONFORM	(1.5%±)	EXISTING SLOPE
	RETAINING CURB	1.5%	PROPOSED SLOPE
	12" DEEPLIFT ASPHALT CONCRETE		

PROJECT NOTES:

1. PROTECT IN PLACE.
2. ADJUST TO GRADE.
3. REMOVE EXISTING SIGN.

CONSTRUCTION NOTES:

1. ALL CURB RAMPS SHALL COMPLY WITH THE MAXIMUM SLOPES, MINIMUM DIMENSIONS, DETECTABLE WARNING SURFACE, AND OTHER MISCELLANEOUS REQUIREMENTS PER TOWN STANDARDS AND AS SHOWN ON CALTRANS STANDARD PLAN A88A AND A88B.
2. CONFORM TO EXISTING SIDEWALK AND CURB & GUTTER AT NEAREST SCORELINE/CONSTRUCTION JOINT.
3. SCORE LINE PATTERNS ON NEW SIDEWALK SHALL MATCH EXISTING ON ADJACENT SIDEWALK.
4. COUNTER SLOPE ADJOINING GUTTERS AND PAVEMENT WITH 24" OF CURB RAMP SHALL NOT BE GREATER THAN 5% (TYPICAL FOR ALL CURB RAMPS).
5. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO THE START OF CONSTRUCTION.
6. CONTRACTOR TO COORDINATE WITH IMPACTED UTILITY FACILITY COMPANIES PRIOR TO START OF CONSTRUCTION.
7. ALL MANHOLES, VALVES, AND PULL BOXES WITHIN THE LIMIT OF CONCRETE IMPROVEMENT SHALL BE ADJUSTED TO FINAL GRADE.
8. MAINTAIN EXISTING CURB RETURN RADIUS.
9. ALL IMPROVEMENTS SHALL BE WITHIN TOWN RIGHT OF WAY, UNLESS OTHERWISE NOTED.

GRAPHIC SCALE 10 0 10 20

811 Know what's below. Call before you dig.

DATE | REVISIONS | NO.

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

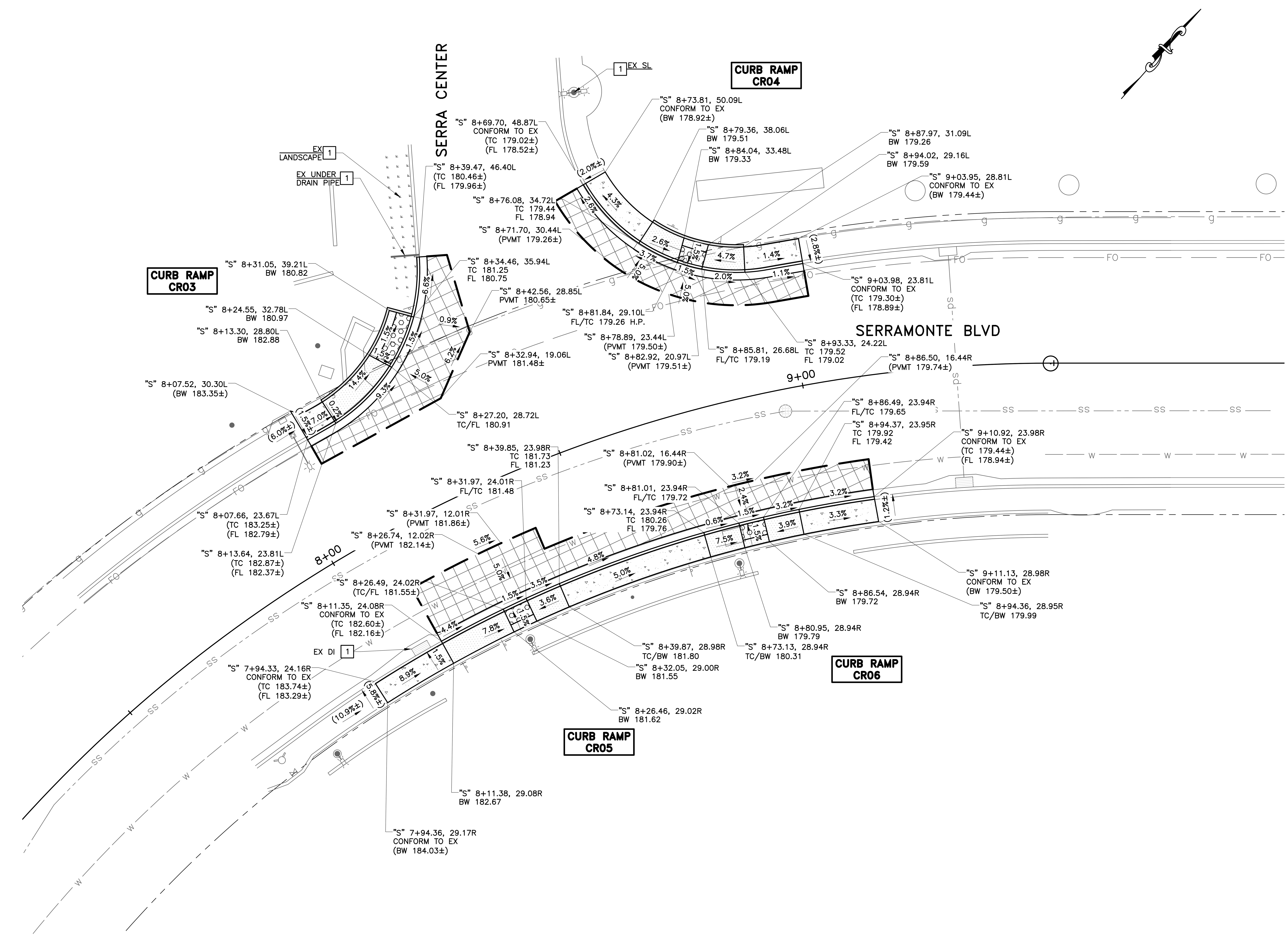
PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
CURB RAMP GRADING PLANS
(COLLINS AVE AND SERRAMONTE BLVD)

DATE: 1/29/24
JOB#: 23.106

\\SERVER2\Shared\Clients\DESIGN\23.106-Serramonte Blvd West Phase I\PLANS-106\18-21_CURB RAMP GRADING-106.dwg@ 01/29/24 @ 02:03:04 PM



SERRA CENTER & SERRAMONTE BOULEVARD

SCALE: 1"=10'

811 Know what's below. Call before you dig.

LEGEND:

ITEM	DESCRIPTION
	CONCRETE CURB & GUTTER
	CONCRETE SIDEWALK
	CONCRETE CURB RAMP
	DETECTABLE WARNING SURFACE
	ASPHALT CONCRETE CONFORM
	RETAINING CURB
	12" DEEPLIFT ASPHALT CONCRETE
	RUBBER CURB DELINEATOR
	RIGHT OF WAY
(TC 100.50±) (FL 100.00±)	EXISTING ELEVATION & CONFORM
TC 100.50 FL 100.00	PROPOSED ELEVATION
(1.5%±)	EXISTING SLOPE
1.5%	PROPOSED SLOPE

PROJECT NOTES:

1. PROTECT IN PLACE.
2. ADJUST TO GRADE.
3. REMOVE EXISTING SIGN.

CONSTRUCTION NOTES:

1. ALL CURB RAMPS SHALL COMPLY WITH THE MAXIMUM SLOPES, MINIMUM DIMENSIONS, DETECTABLE WARNING SURFACE, AND OTHER MISCELLANEOUS REQUIREMENTS PER TOWN STANDARDS AND AS SHOWN ON CALTRANS STANDARD PLAN A88A AND A88B.
2. CONFORM TO EXISTING SIDEWALK AND CURB & GUTTER AT NEAREST SCORELINE/CONSTRUCTION JOINT.
3. SCORE LINE PATTERNS ON NEW SIDEWALK SHALL MATCH EXISTING ON ADJACENT SIDEWALK.
4. COUNTER SLOPE ADJOINING GUTTERS AND PAVEMENT WITH 24" OF CURB RAMP SHALL NOT BE GREATER THAN 5% (TYPICAL FOR ALL CURB RAMPS).
5. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO THE START OF CONSTRUCTION.
6. CONTRACTOR TO COORDINATE WITH IMPACTED UTILITY FACILITY COMPANIES PRIOR TO START OF CONSTRUCTION.
7. ALL MANHOLES, VALVES, AND PULL BOXES WITHIN THE LIMIT OF CONCRETE IMPROVEMENT SHALL BE ADJUSTED TO FINAL GRADE.
8. MAINTAIN EXISTING CURB RETURN RADIUS.
9. ALL IMPROVEMENTS SHALL BE WITHIN TOWN RIGHT OF WAY, UNLESS OTHERWISE NOTED.

GRAPHIC SCALE
10 0 10 20

NO.	REVISIONS	DATE

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

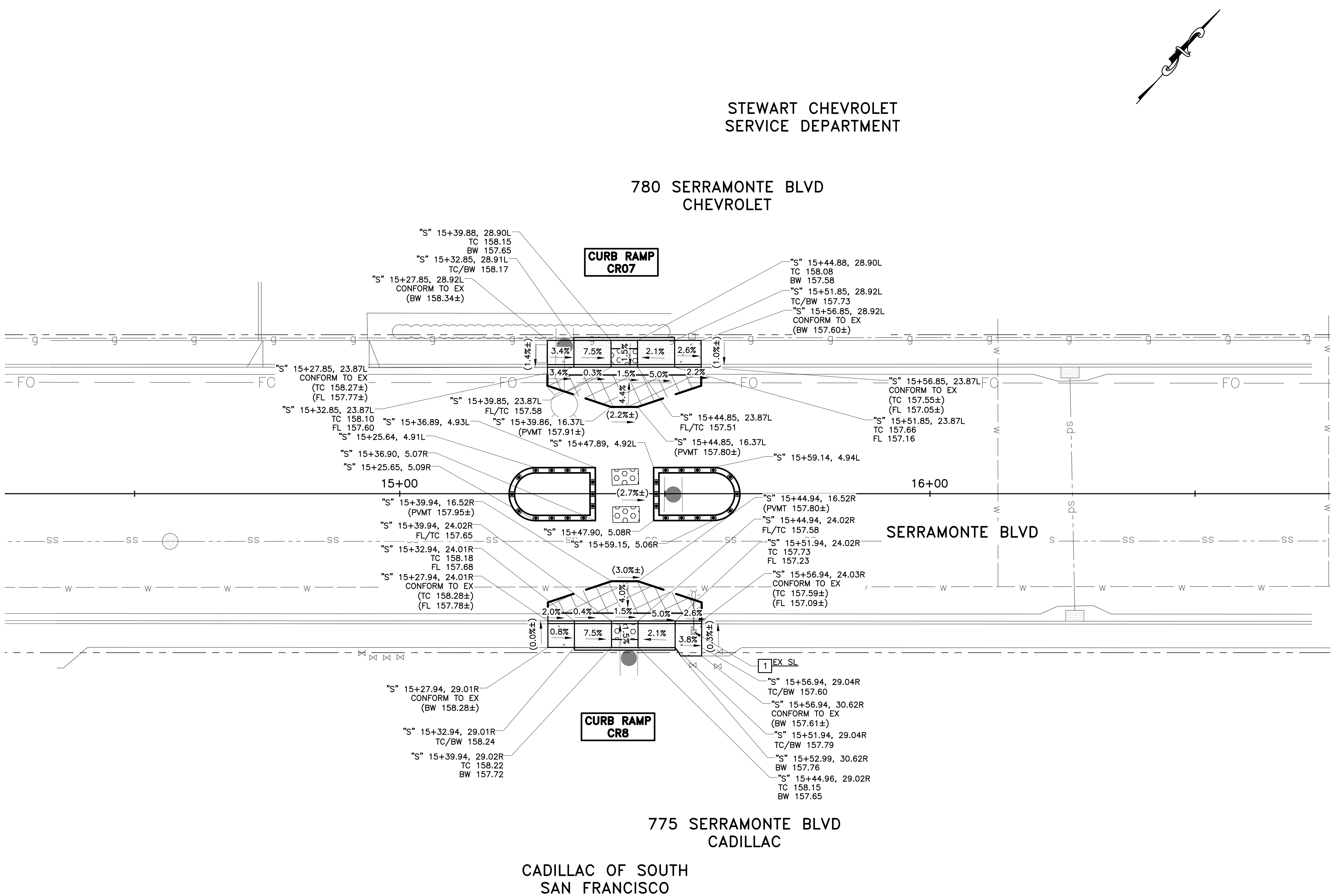
REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
15' WING CURB RAMP GRADING
(SERRA CENTER AND SERRAMONTE BLVD)

DATE: 1/29/24
JOB#: 23.106



Know what's below.
Call before you dig.

SERRAMONTE BOULEVARD

SCALE: 1"=10'

LEGEND:

ITEM	DESCRIPTION
	CONCRETE CURB & GUTTER
	CONCRETE SIDEWALK
	CONCRETE CURB RAMP
	DETECTABLE WARNING SURFACE
	ASPHALT CONCRETE CONFORM
	RETAINING CURB
	12" DEEPLIFT ASPHALT CONCRETE
	RUBBER CURB DELINEATOR
	RIGHT OF WAY
(TC 100.50±) (FL 100.00±)	EXISTING ELEVATION & CONFORM
TC 100.50 FL 100.00	PROPOSED ELEVATION
(1.5%±)	EXISTING SLOPE
1.5%	PROPOSED SLOPE

PROJECT NOTES:

1. PROTECT IN PLACE.
2. ADJUST TO GRADE.
3. REMOVE EXISTING SIGN.

CONSTRUCTION NOTES:

1. ALL CURB RAMPS SHALL COMPLY WITH THE MAXIMUM SLOPES, MINIMUM DIMENSIONS, DETECTABLE WARNING SURFACE, AND OTHER MISCELLANEOUS REQUIREMENTS PER TOWN STANDARDS AND AS SHOWN ON CALTRANS STANDARD PLAN A88A AND A88B.
2. CONFORM TO EXISTING SIDEWALK AND CURB & GUTTER AT NEAREST SCORELINE/CONSTRUCTION JOINT.
3. SCORE LINE PATTERNS ON NEW SIDEWALK SHALL MATCH EXISTING ON ADJACENT SIDEWALK.
4. COUNTER SLOPE ADJOINING GUTTERS AND PAVEMENT WITH 24" OF CURB RAMP SHALL NOT BE GREATER THAN 5% (TYPICAL FOR ALL CURB RAMPS).
5. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO THE START OF CONSTRUCTION.
6. CONTRACTOR TO COORDINATE WITH IMPACTED UTILITY FACILITY COMPANIES PRIOR TO START OF CONSTRUCTION.
7. ALL MANHOLES, VALVES, AND PULL BOXES WITHIN THE LIMIT OF CONCRETE IMPROVEMENT SHALL BE ADJUSTED TO FINAL GRADE.
8. MAINTAIN EXISTING CURB RETURN RADIUS.
9. ALL IMPROVEMENTS SHALL BE WITHIN TOWN RIGHT OF WAY, UNLESS OTHERWISE NOTED.

GRAPHIC SCALE

10 0 10 20

DATE	REVISIONS	NO.

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

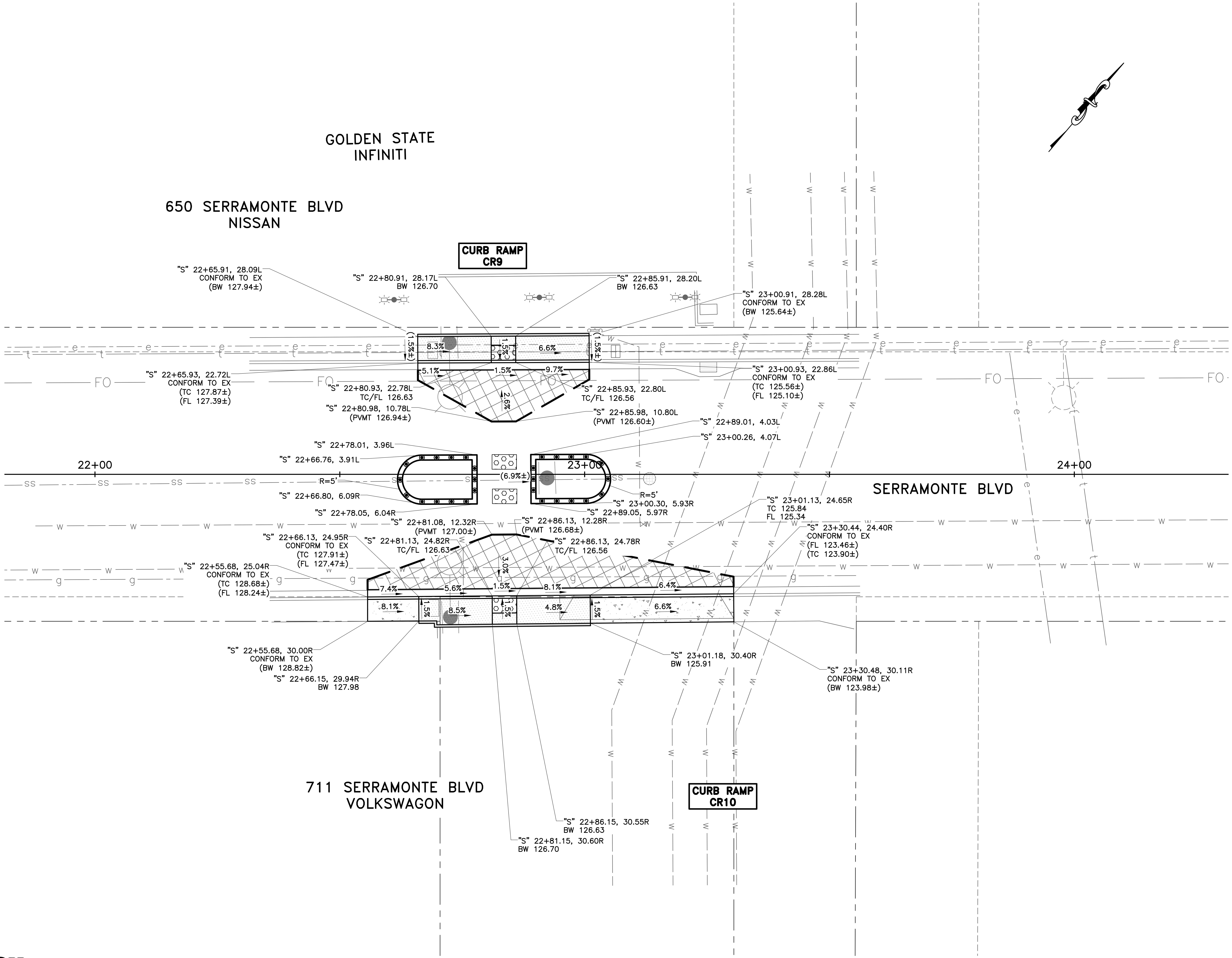
REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL, COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
CRUB RAMP GRADING PLANS
(NEW CROSSWALK 1)

DATE: 1/29/24
JOB#: 23.106



811 Know what's below. Call before you dig.

SERRAMONTE BOULEVARD
SCALE: 1"=10'

LEGEND:

ITEM	DESCRIPTION
	CONCRETE CURB & GUTTER
	CONCRETE SIDEWALK
	CONCRETE CURB RAMP
	DETECTABLE WARNING SURFACE
	ASPHALT CONCRETE CONFORM
	RETAINING CURB
	12" DEEPLIFT ASPHALT CONCRETE
	RUBBER CURB DELINEATOR
	RIGHT OF WAY
(TC 100.50±) (FL 100.00±)	EXISTING ELEVATION & CONFORM
TC 100.50 FL 100.00	PROPOSED ELEVATION
(1.5%±)	EXISTING SLOPE
1.5%	PROPOSED SLOPE

PROJECT NOTES:

1. PROTECT IN PLACE.
2. ADJUST TO GRADE.
3. REMOVE EXISTING SIGN.

CONSTRUCTION NOTES:

1. ALL CURB RAMPS SHALL COMPLY WITH THE MAXIMUM SLOPES, MINIMUM DIMENSIONS, DETECTABLE WARNING SURFACE, AND OTHER MISCELLANEOUS REQUIREMENTS PER TOWN STANDARDS AND AS SHOWN ON CALTRANS STANDARD PLAN A88A AND A88B.
2. CONFORM TO EXISTING SIDEWALK AND CURB & GUTTER AT NEAREST SCORELINE/CONSTRUCTION JOINT.
3. SCORE LINE PATTERNS ON NEW SIDEWALK SHALL MATCH EXISTING ON ADJACENT SIDEWALK.
4. COUNTER SLOPE ADJOINING GUTTERS AND PAVEMENT WITH 24" OF CURB RAMP SHALL NOT BE GREATER THAN 5% (TYPICAL FOR ALL CURB RAMPS).
5. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT PRIOR TO THE START OF CONSTRUCTION.
6. CONTRACTOR TO COORDINATE WITH IMPACTED UTILITY FACILITY COMPANIES PRIOR TO START OF CONSTRUCTION.
7. ALL MANHOLES, VALVES, AND PULL BOXES WITHIN THE LIMIT OF CONCRETE IMPROVEMENT SHALL BE ADJUSTED TO FINAL GRADE.
8. MAINTAIN EXISTING CURB RETURN RADIUS.
9. ALL IMPROVEMENTS SHALL BE WITHIN TOWN RIGHT OF WAY, UNLESS OTHERWISE NOTED.

GRAPHIC SCALE
10 0 10 20

DATE | REVISIONS | NO.

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
CRUB RAMP GRADING PLANS
(NEW CROSSWALK 2)

DATE: 1/29/24
JOB#: 23.106

\\SERVER2\Shared\Clients\DESIGN\23.106-Serramonte Blvd West Phase I\PLANS-106\18-21_CURB RAMP GRADING-106.dwg@ 01/29/24 @ 02:03:27 PM

GENERAL NOTES (THIS SHEET ONLY)

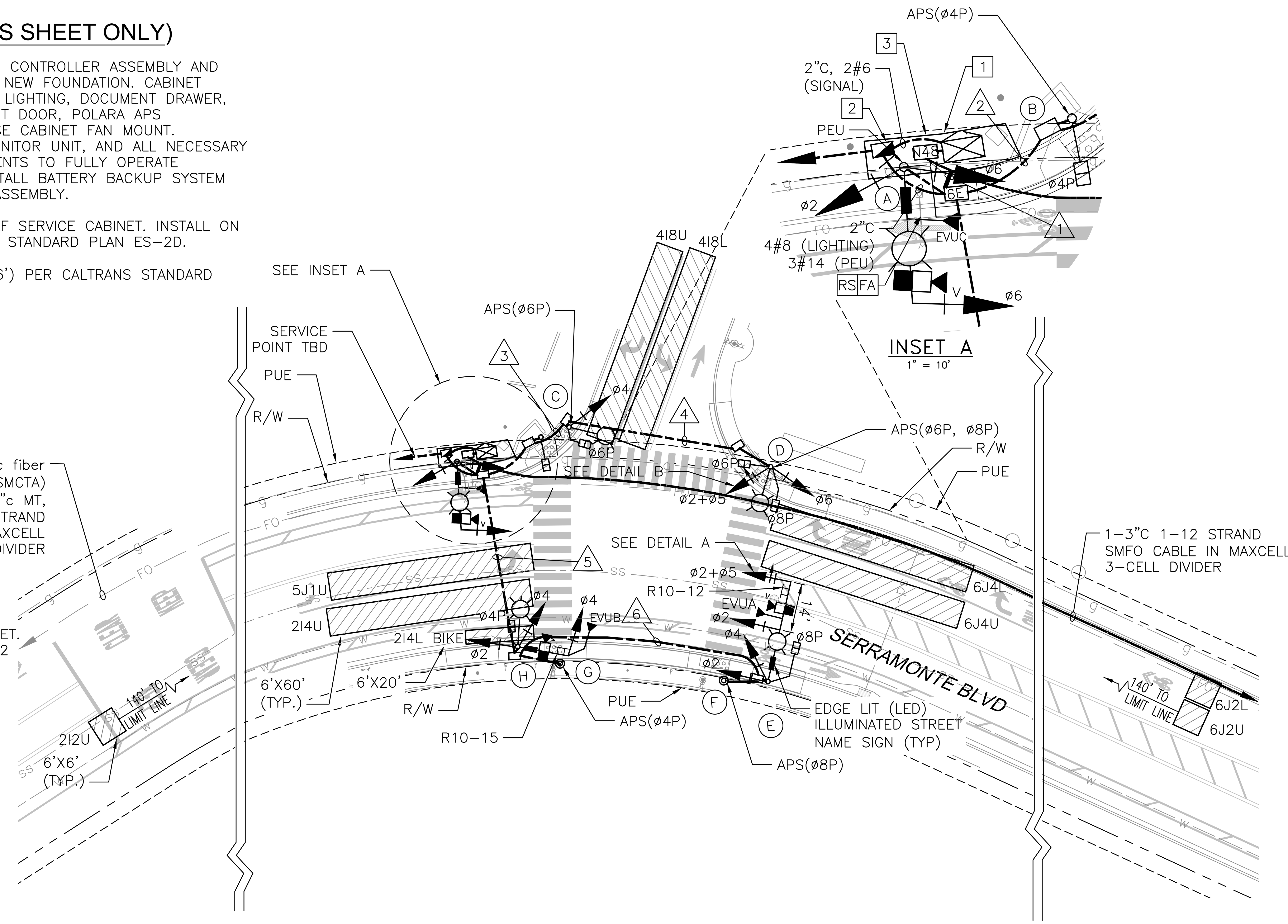
1. ALL WIRING AND EQUIPMENT CONSTRUCTION SHALL CONFORM TO THE LATEST TOWN OF COLMA DESIGN AND CONSTRUCTION STANDARDS, CALIFORNIA STANDARD PLANS AND SPECIFICATIONS, AND CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
2. A RUN OF CONDUIT SHALL NOT CONTAIN MORE THAN THE EQUIVALENT OF FOUR 90° BENDS (360° TOTAL) INCLUDING OFFSETS AND BENDS LOCATED AT PULL BOXES.
3. CONTRACTOR SHALL VERIFY SERVICE POINT LOCATIONS WITH PG&E PRIOR TO COMMENCING WORK.
4. ALL PULL BOXES SHALL BE CALTRANS NO. 5 PER STANDARD PLAN ES-8A UNLESS OTHERWISE NOTED.
5. PULL BOXES AND DETECTOR POSITION SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
6. VIDEO DETECTION SHALL BE ITERIS VANTAGE NEXT WITH VANTAGE VECTOR VIDEO DETECTION OR APPROVED EQUAL.
7. DETECTION ZONES SHALL BE CENTERED IN EFFECTIVE LANE WIDTHS UNLESS OTHERWISE NOTED ON THE PLAN OR DIRECTED BY THE ENGINEER.
8. CONTRACTOR SHALL VERIFY OVERHEAD AND UNDERGROUND CLEARANCE WITH ALL UTILITY COMPANIES PRIOR TO THE START OF WORK.
9. CALL UNDERGROUND SERVICE ALERT (USA) AT 811 OR 1-800-277-2600 AT LEAST 2 WORKING DAYS PRIOR TO STARTING EXCAVATION TO HAVE UTILITIES MARKED.

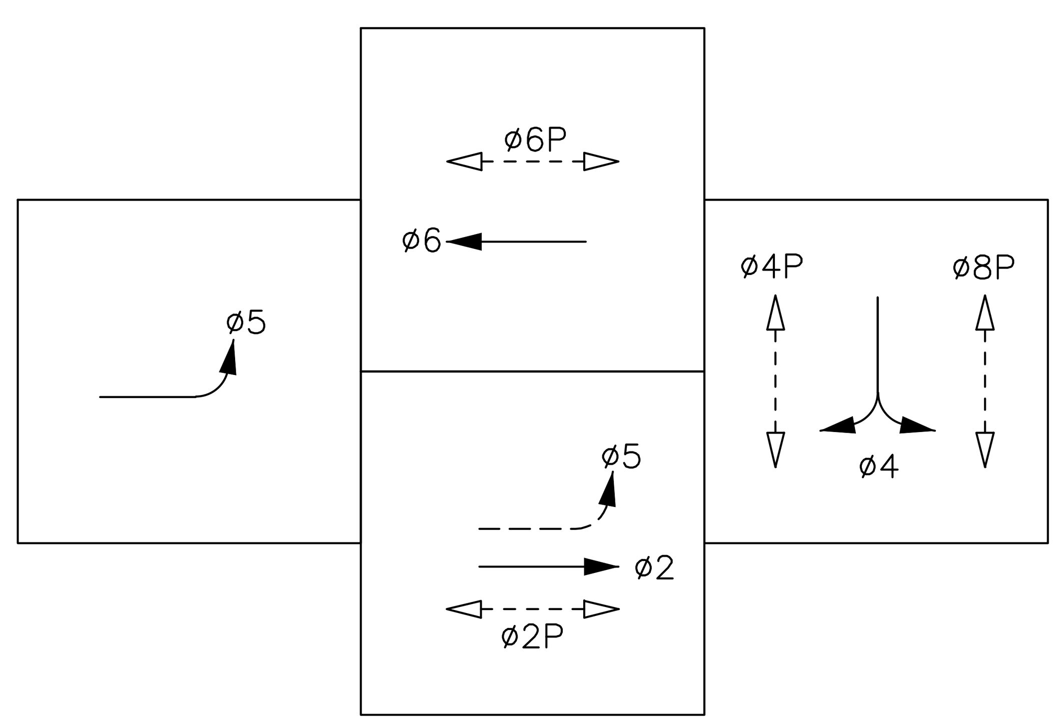
PROJECT NOTES (THIS SHEET ONLY)

1. FURNISH AND INSTALL TYPE 350i CONTROLLER ASSEMBLY AND MODEL 2070LX CONTROLLER ON NEW FOUNDATION. CABINET ASSEMBLY TO INCLUDE: CABINET LIGHTING, DOCUMENT DRAWER, DROP-DOWN SHELF INSIDE FRONT DOOR, POLARA APS CONTROLLER, AND QUICK RELEASE CABINET FAN MOUNT. 1-EDI-2010 ECLIP CONFLICT MONITOR UNIT, AND ALL NECESSARY CARDS, MODULES, AND COMPONENTS TO FULLY OPERATE INTERSECTION. FURNISH AND INSTALL BATTERY BACKUP SYSTEM INSIDE TYPE 350i CONTROLLER ASSEMBLY.
2. FURNISH AND INSTALL TYPE III-AF SERVICE CABINET. INSTALL ON NEW FOUNDATION PER CALTRANS STANDARD PLAN ES-2D.
3. INSTALL PCC PAD (4" X 20' X 6') PER CALTRANS STANDARD PLAN ES-3C.

LEGEND

VIDEO DETECTION ZONE

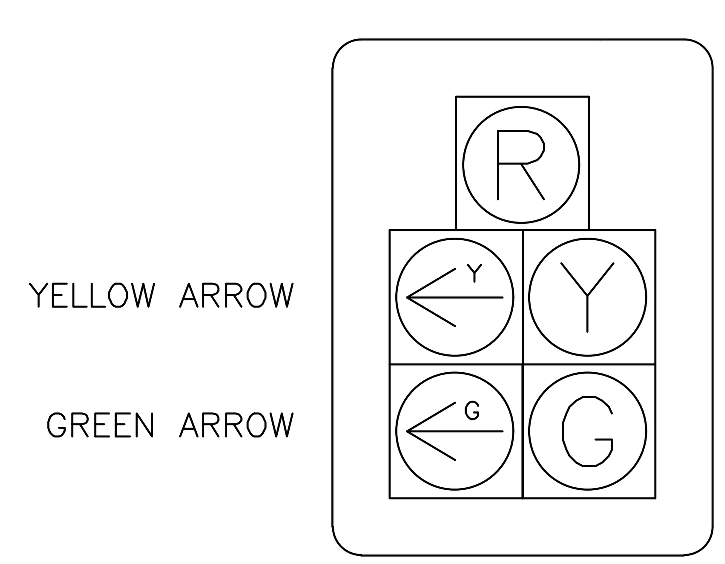




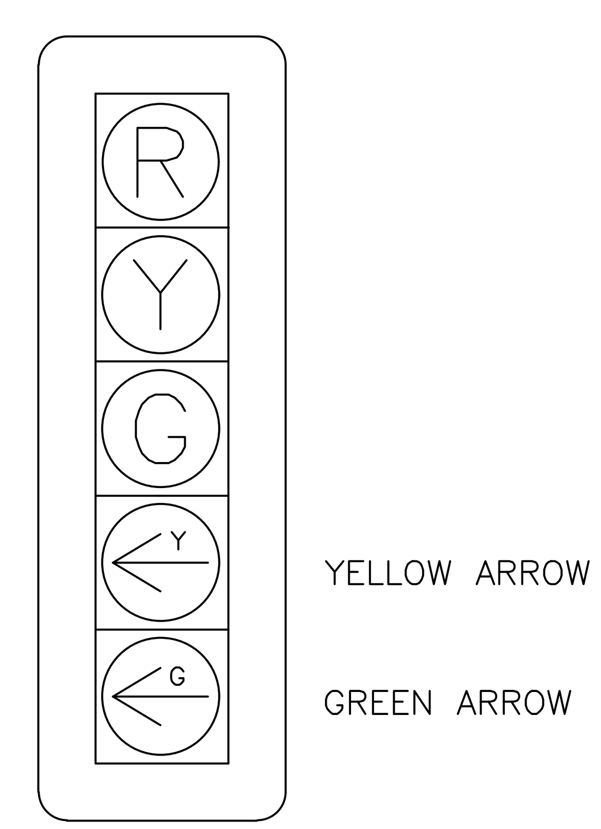
PHASE DIAGRAM

STEADY DEMAND SEQUENCE

EVUA ø5 + ø2
EVUB ø4
EVUC ø6



DETAIL A



DETAIL B

95% SUBMITTAL
NOT FOR CONSTRUCTION

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

811 Know what's below. Call before you dig.

DATE	REVISIONS	NO.

SCALE: 1"=20' DRAWN: ANGL DESIGNED: AIP APPROVED: NGB

REGISTERED PROFESSIONAL ENGINEER NICHOLAS G. BRUNETTO C80214 CIVIL STATE OF CALIFORNIA

PREPARED BY: W-Trans Whitlock & Weinberger Transportation, Inc. 414 13th Street, 5th Floor Oakland, CA 94612 (510) 444-2600

PREPARED FOR: TOWN OF COLMA ENGINEERING SERVICES DEPARTMENT COLMA, CALIFORNIA

TITLE: SERRAMONTE BLVD WEST PHASE 1
SERRAMONTE BLVD/SERRAMONTE CENTER
SIGNAL PLAN

SHEET: 22 OF 31
DATE: 1/25/2024
JOB#: CLM009

CONDUCTOR TABLE

AWG	CIRCUIT	RUNS 1	RUNS 2	RUNS 3	RUNS 4	RUNS 5	RUNS 6
NO. 14	ø1						
	ø2	6	3	3	3	3	3
	ø3						
	ø4	6	3	3		3	3
	ø5	4	2	2	2	2	2
	ø6	6	3	3	3		
	ø7						
	ø8						
	ø2P						
	ø4P	4	2			2	
	ø6P	4	2	2	2		
	ø8P	4	2	2	2	2	2
	APS(ø2P)						
	APS(ø4P)	2	1			1	
	APS(ø6P)	2	1	1	1		
	APS(ø8P)	2	1	1	1	1	1
	APS COMMON	4	1	1	1	1	1
	SPARES	9	4	4	3	3	3
	TOTAL No. 14	53	25	22	18	18	15
NO. 12	EDGE-LIT ILLUMINATED STREET NAME SIGN	2				2	2
	TOTAL No. 12	2	0	0	0	2	2
NO. 8	SIGNAL NEUTRAL	2	1	1	1	1	1
	LIGHTING (240V)	4	2	2	2	2	2
	TOTAL No. 8	6	3	3	3	3	3
EVU CABLE	CHANNEL A	1				1	1
	CHANNEL B	1				1	
	CHANNEL C	1					
	CHANNEL D						
	TOTAL EV CABLES	3	0	0	0	2	1
COAX	VIDS CABLE	3				2	1
CONDUIT SIZE (INCHES)		2-3"	3"	3"	3"	3"	3"
CONDUIT FILL (PERCENT)		14%	10%	9%	8%	13%	10%

ALL CABLES AND CONDUCTORS ARE NEW UNLESS OTHERWISE NOTED.

POLE AND EQUIPMENT SCHEDULE

No.	STANDARD			VEHICLE SIGNAL				PED SIGNAL		PBA		LED LUMINAIRE	SPECIAL REQUIREMENTS
	TYPE	SMA	LMA	MAST ARM MTG	MAST ARM ø	POLE MTG	POLE ø	ø	MTG	ø	ARROW		
A	17-3-100	20'	12'	MAS MAS	6 6	SV-2-T	2 6	-	-	-	-	73W	PEU, EVUC, VIDEO DETECTION CAMERA ON LMA
B	1-B	-	-	-	-	-	-	4P	TP-1-T	4P	LEFT	-	APS BUTTON TO BE INSTALLED AT 3.5' HEIGHT FROM RAMP SURFACE
C	15TS	-	12'	-	-	SV-1-T	4	6P	SP-1-T	6P	RIGHT	73W	APS BUTTON TO BE INSTALLED AT 3.5' HEIGHT FROM RAMP SURFACE
D	15TS	-	12'	-	-	SV-2-T	2+5 6	6P 8P	SP-2-T	6P 8P	LEFT RIGHT	73W	APS BUTTONS TO BE INSTALLED AT 3.5' HEIGHT FROM RAMP SURFACE
E	19-4-100	30'	12'	MAT MAS	2+5 2	SV-2-T	2 4	8P	SP-1-T	-	-	73W	EVUA, VIDEO DETECTION CAMERA ON SMA, R10-12 ON SMA, "Serra Center" EDGE LIT ILLUMINATED STREET NAME SIGN ON POLE SHAFT
F	2 POST	-	-	-	-	-	-	-	-	8P	LEFT	-	APS BUTTON TO BE INSTALLED AT 3.5' HEIGHT FROM RAMP SURFACE
G	2 POST	-	-	-	-	-	-	-	-	4P	LEFT	-	APS BUTTON TO BE INSTALLED AT 3.5' HEIGHT FROM RAMP SURFACE
H	17-3-100	15'	12'	MAS	4	SV-2-T	2 4	4P	SP-1-T	-	-	73W	EVUB, VIDEO DETECTION CAMERA ON SMA, R10-15 ON SMA, LMA TO BE INSTALLED 90° ROTATED FROM SMA

ALL POLES AND EQUIPMENT ARE NEW UNLESS OTHERWISE NOTED.

95% SUBMITTAL
NOT FOR CONSTRUCTION

811 Know what's below. Call before you dig.

DATE | REVISIONS | NO.

SCALE: 1"=20' DRAWN: ANGL DESIGNED: AIP APPROVED: NGB

REGISTERED PROFESSIONAL ENGINEER NICHOLAS G. BRUNETTO C094214 CIVIL STATE OF CALIFORNIA PRELIMINARY

PREPARED BY: W-Trans
Whitlock & Weinberger Transportation, Inc.
414 13th Street, 5th Floor
Oakland, CA 94612
(510) 444-2600

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
COLMA, CALIFORNIA

TITLE: SERRAMONTE BLVD WEST PHASE 1
SERRAMONTE BLVD/SERRAMONTE CENTER
SIGNAL SCHEDULES

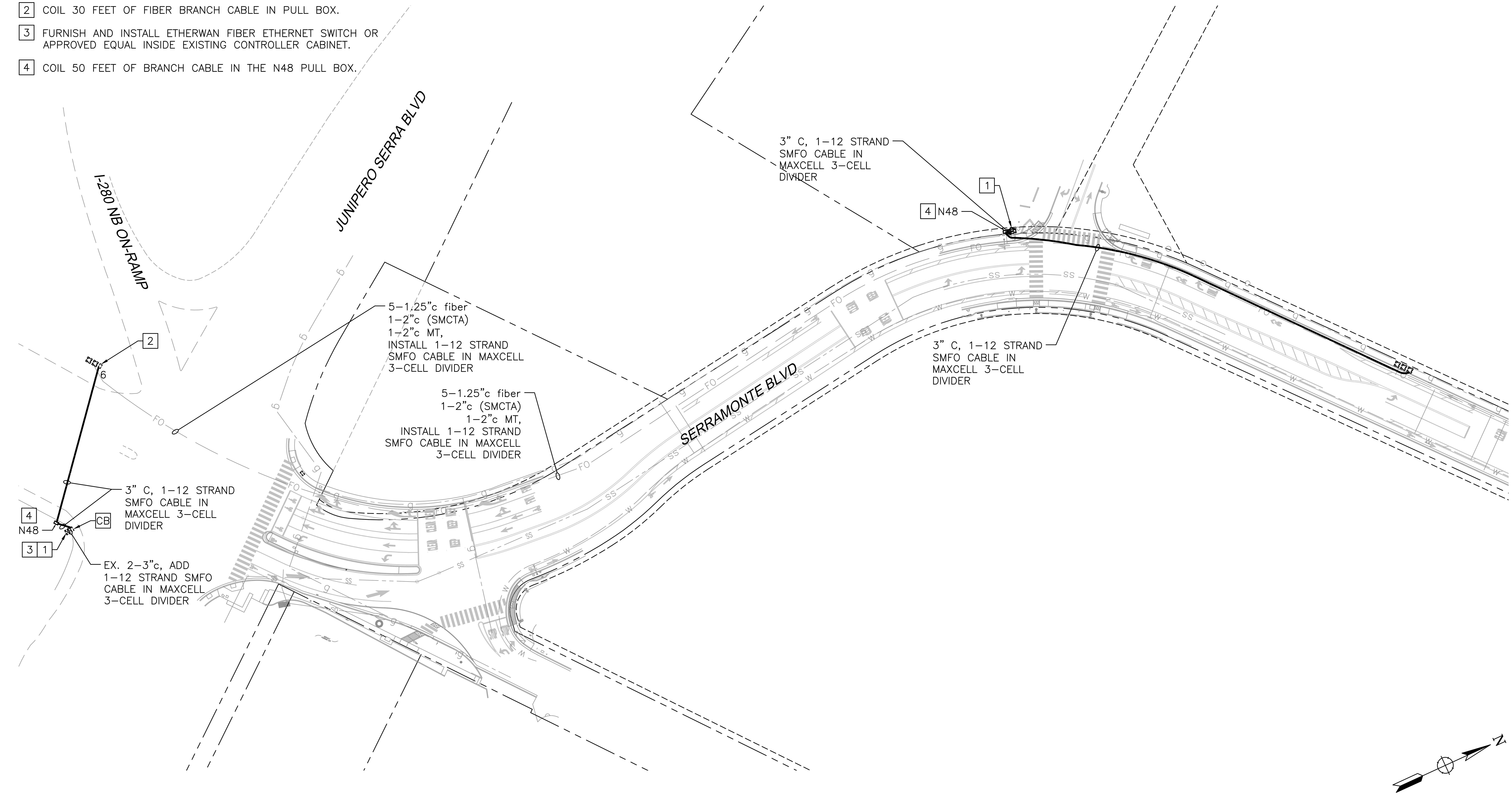
SHEET: 23 OF 31

DATE: 1/25/2024
JOB#: CLM009

N:\AAA\SMX\CLM\CLM009 Serramonte-Serra Center Entrance Signal Design\ACAD\CLM009.dwg@ 01/26/24 @ 11:24:11 AM

PROJECT NOTES (THIS SHEET ONLY)

1. FURNISH AND INSTALL FIBER TERMINATION PANEL INSIDE CONTROLLER CABINET AND TERMINATE 12 STRAND FIBER CABLE INTO FIBER TERMINATION PANEL. INSTALL FIBER PATCH CORDS BETWEEN THE FIBER ETHERNET SWITCH AND THE FIBER TERMINATION PANEL.
2. COIL 30 FEET OF FIBER BRANCH CABLE IN PULL BOX.
3. FURNISH AND INSTALL ETHERWAN FIBER ETHERNET SWITCH OR APPROVED EQUAL INSIDE EXISTING CONTROLLER CABINET.
4. COIL 50 FEET OF BRANCH CABLE IN THE N48 PULL BOX.



N

95% SUBMITTAL
NOT FOR CONSTRUCTION

0 40' 80'
SCALE: 1"=40'

811 Know what's below. Call before you dig.

DATE	REVISIONS	NO.

SCALE: 1"=20'
DRAWN: ANGL
DESIGNED: AIP
APPROVED: NGB

REGISTERED PROFESSIONAL ENGINEER NICHOLAS G. BRUNETTO C80214 CIVIL STATE OF CALIFORNIA

PREPARED BY: W-Trans Whitlock & Weinberger Transportation, Inc. 414 13th Street, 5th Floor Oakland, CA 94612 (510) 444-2600

PREPARED FOR: TOWN OF COLMA ENGINEERING SERVICES DEPARTMENT COLMA, CALIFORNIA

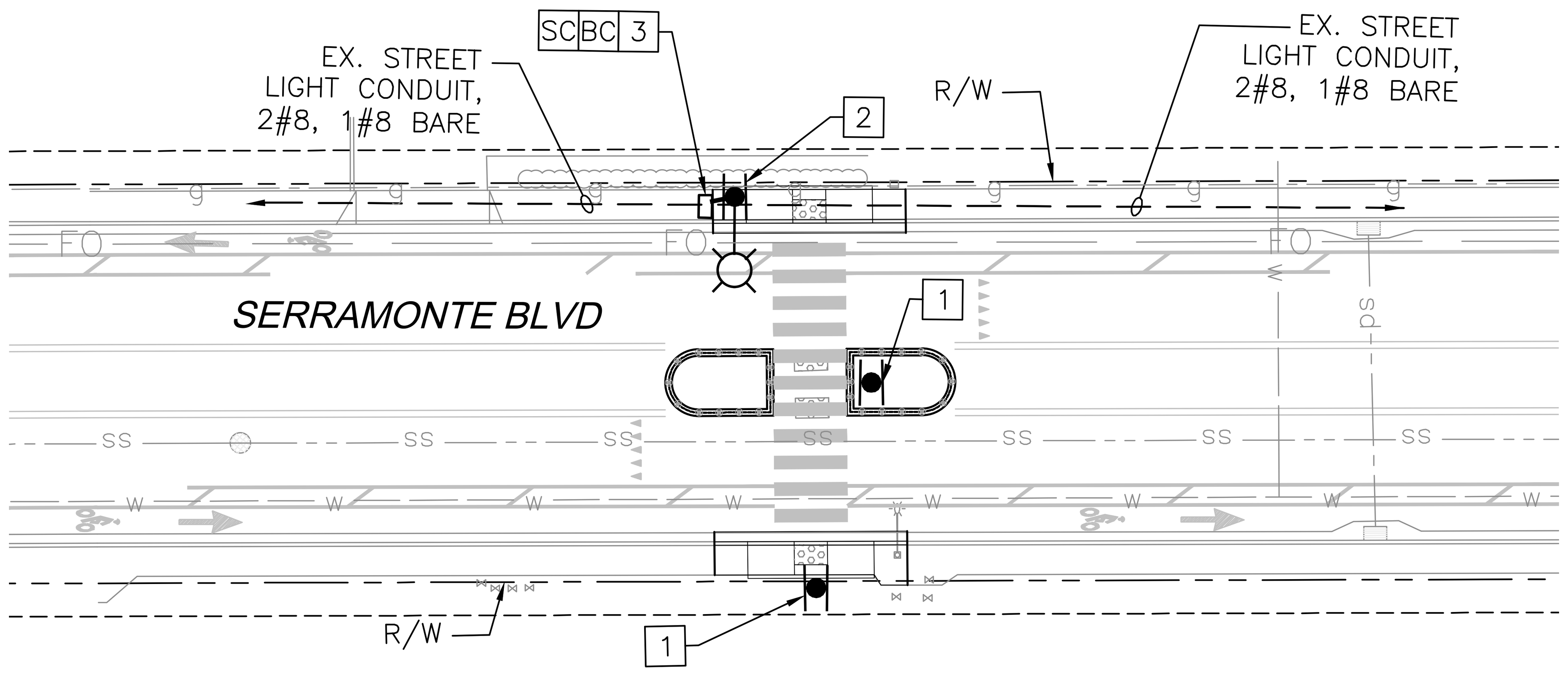
TITLE: SERRAMONTE BLVD WEST PHASE 1
SERRAMONTE BLVD/SERRAMONTE CENTER
SIGNAL INTERCONNECT PLAN

SHEET: 24 OF 31

DATE: 1/25/2024

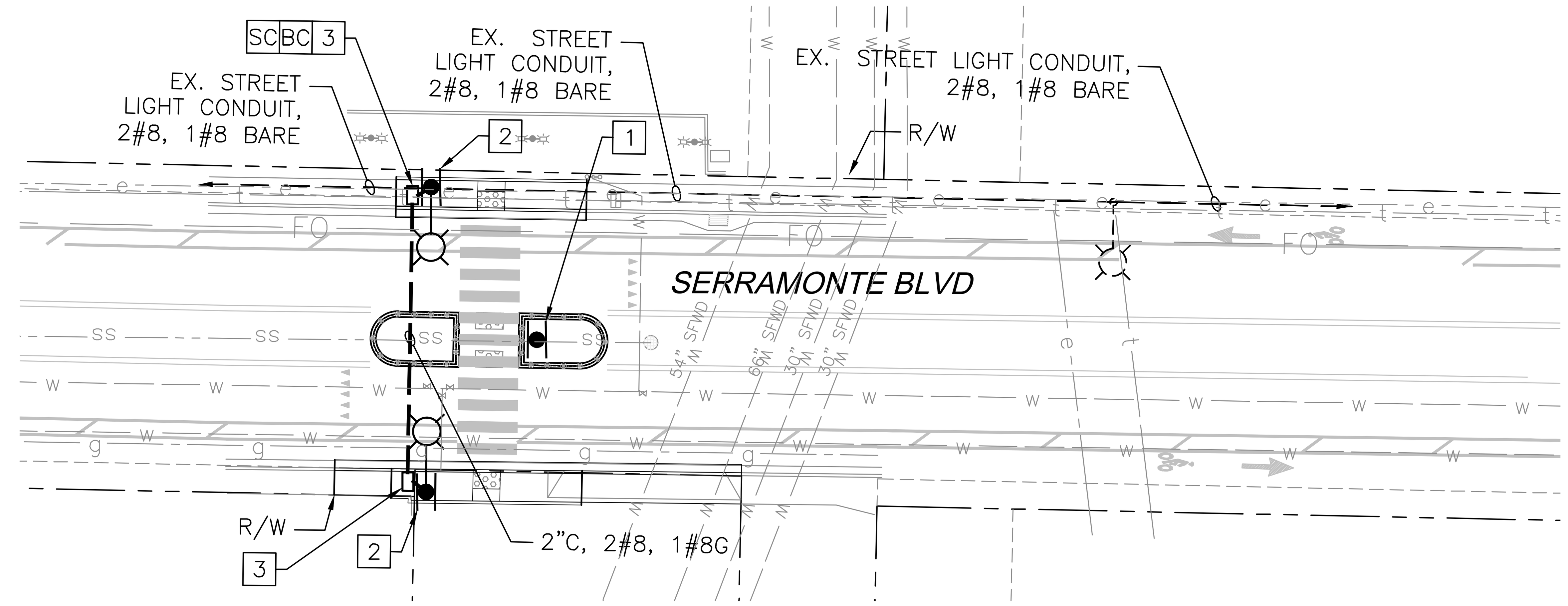
JOB#: CLM009

N:\AAA\SMX\CLM\CLM009 Serramonte-Serra Center Entrance Signal Design\ACAD\CLM009.dwg@ 01/26/24 @ 11:24:11 AM



780 SERRAMONTE BLVD

1" = 20'

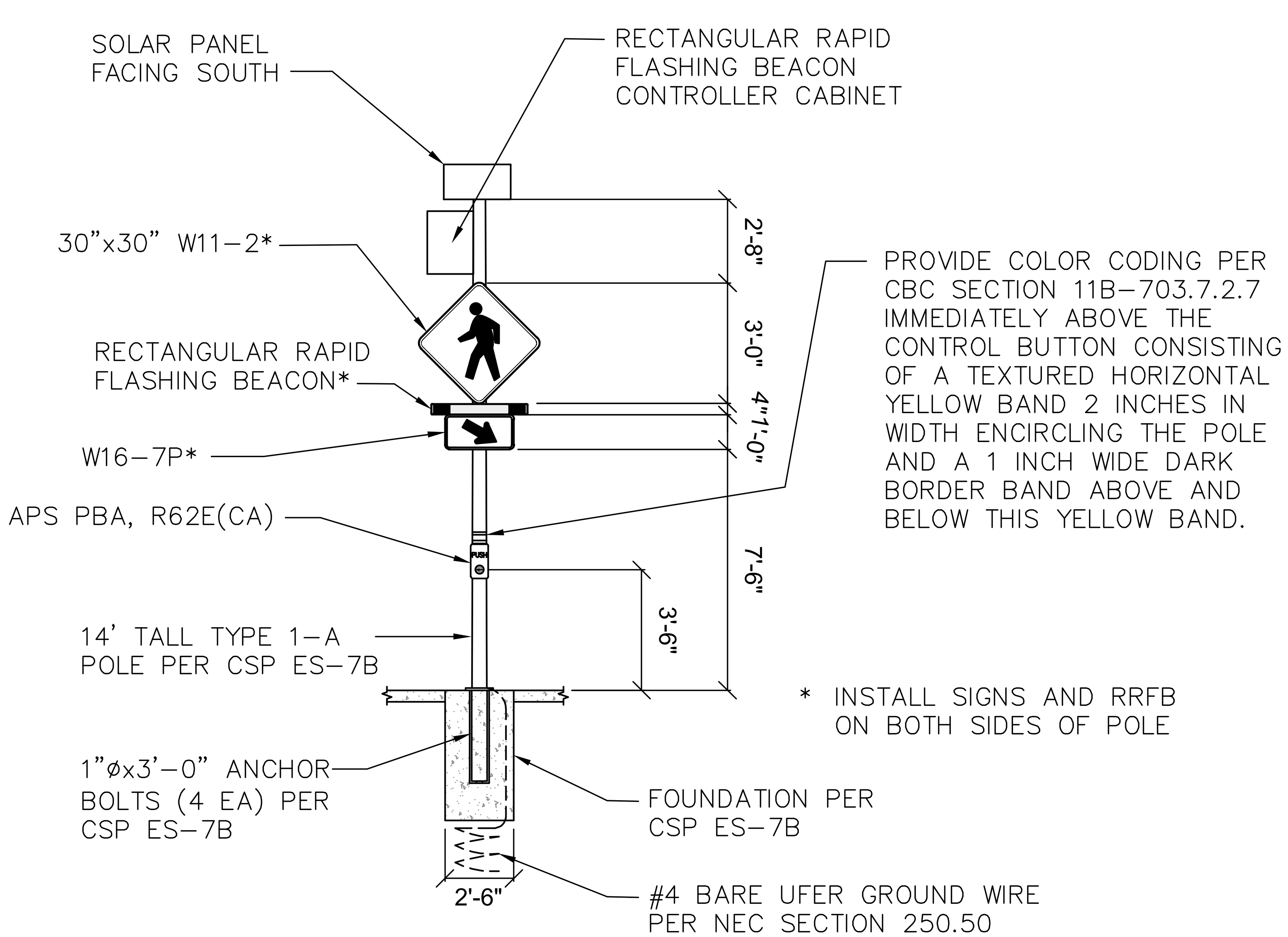


630 SERRAMONTE BLVD

1" = 20'

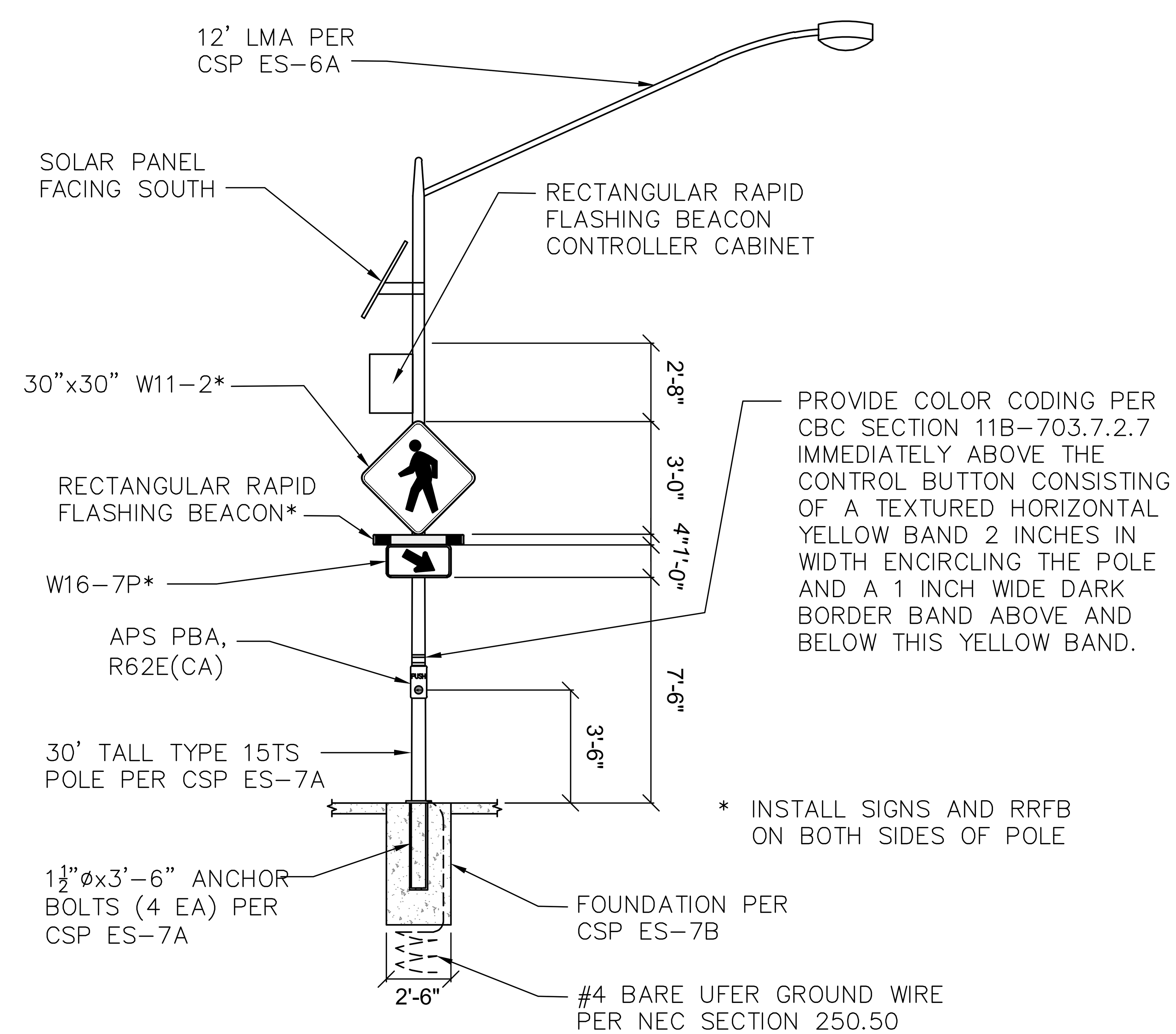
PROJECT NOTES (THIS SHEET ONLY)

1. FURNISH AND INSTALL SOLAR DOUBLE-SIDED RRFB SYSTEM WITH 2 W11-2 SIGNS, W16-7pL AND W16-7pR. LOCATION TO BE VERIFIED BY ENGINEER IN THE FIELD. SEE DETAIL A, THIS SHEET.
2. INSTALL 73W LED LUMINAIRE ON TYPE 15TS STREETLIGHT POLE PER CALTRANS STD PLAN NO ES-6A WITH A 12-FOOT-LONG MAST ARM. LED MODULES SHALL BE 120V. FURNISH AND INSTALL DOUBLE-SIDED RRFB SYSTEM WITH 2 W11-2 SIGNS, W16-7pL AND W16-7pR. LOCATION TO BE VERIFIED BY ENGINEER IN THE FIELD. SEE DETAIL B, THIS SHEET.
3. INSTALL NO 5 PULL BOX PER CALTRANS STD PLAN NO ES-8A.



DETAIL A: RECTANGULAR RAPID FLASHING BEACON (RRFB) ASSEMBLY WITH CONTROLLER ON TYPE 1-A

NOT TO SCALE



DETAIL B: RECTANGULAR RAPID FLASHING BEACON (RRFB) ASSEMBLY WITH CONTROLLER ON TYPE 15TS

NOT TO SCALE

95% SUBMITTAL
NOT FOR CONSTRUCTION

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

811 Know what's below. Call before you dig.

DATE	REVISIONS	NO.

SCALE: 1"=20'
DRAWN: WIA
DESIGNED: AIP
APPROVED: NGB

REGISTERED PROFESSIONAL ENGINEER NICHOLAS G. BRUNETTO C88214 CIVIL STATE OF CALIFORNIA

PREPARED BY: W-Trans Whitlock & Weinberger Transportation, Inc. 490 Mendocino Avenue, Suite 201 / 414 13th Street, 5th Floor Oakland, CA 94612 (510) 444-2600

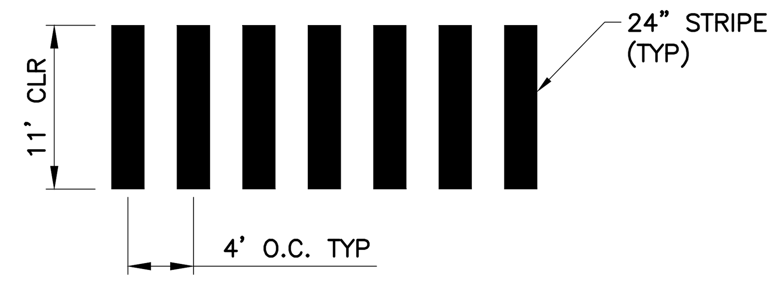
PREPARED FOR: TOWN OF COLMA ENGINEERING SERVICES DEPARTMENT COLMA, CALIFORNIA

TITLE: SERRAMONTE BLVD WEST PHASE 1
SERRAMONTE BLVD
RRFB PLAN

SHEET: 25 OF 31

DATE: 1/25/2024

JOB#: CLM009

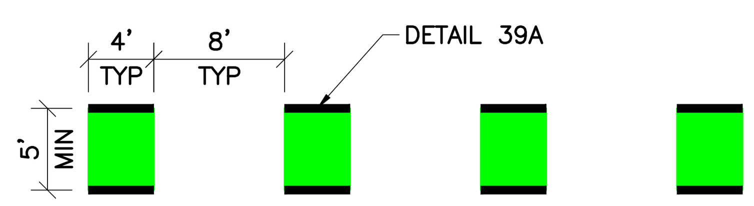


CONTINENTAL CROSSWALK

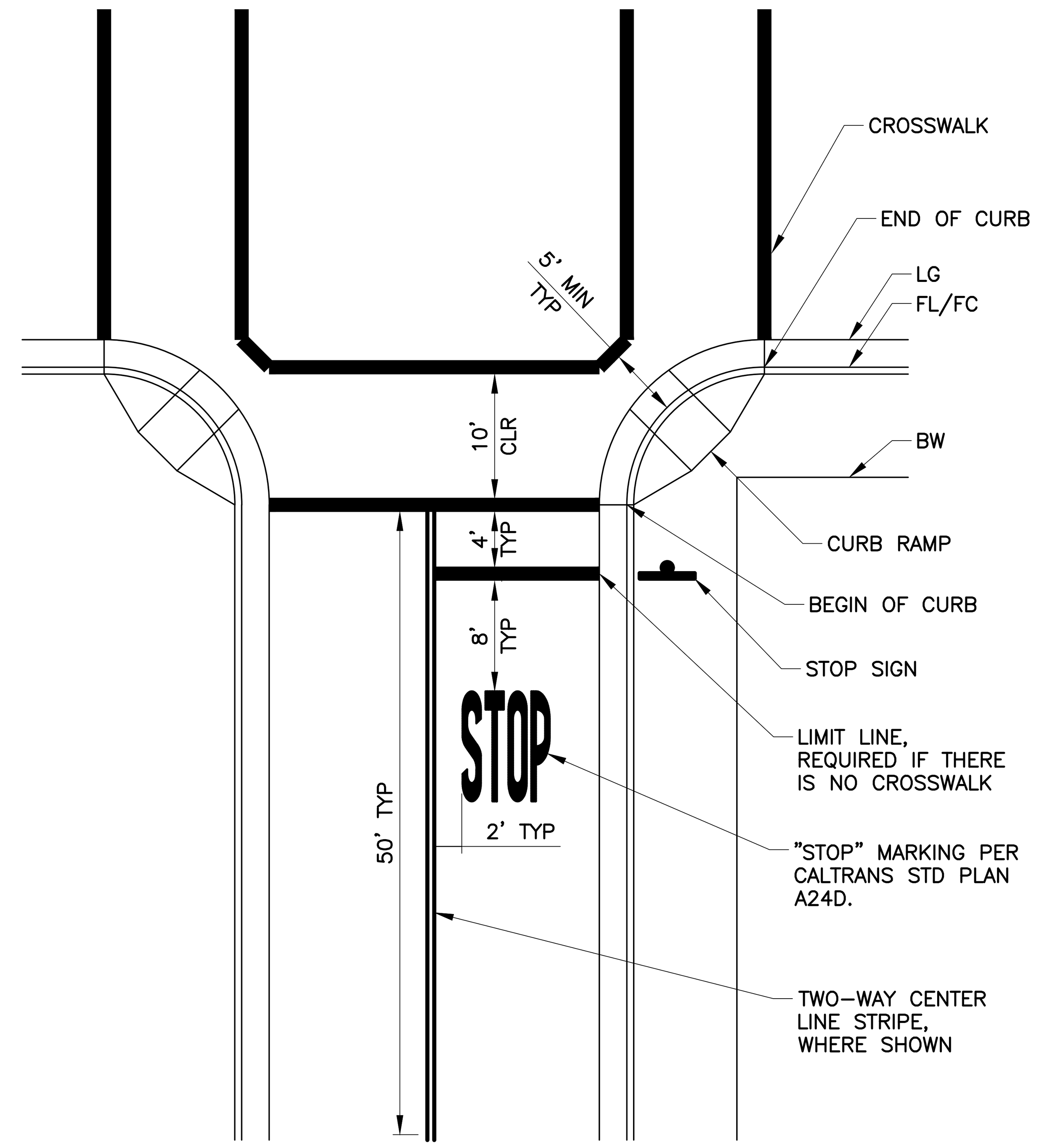
CROSSWALK NOTES:

1. COMPLY WITH CALTRANS STD PLAN A24F.
2. STAGGER STRIPE MARKING TO AVOID WHEEL PATHS.
3. MARKINGS SHALL BE YELLOW NEAR SCHOOL ZONES, AND WHITE EVERYWHERE ELSE.
4. ALIGN THE CROSSWALK STRIPE CLOSEST TO THE INTERSECTION BY USING THE EXTENSION OF FACE OF CURB. THEN MARK THE BACK CROSSWALK STRIPE WITH 10-FOOT OF CLEAR SPACE. FULL RAMP LANDING MUST BE WITHIN THE CROSSWALK AND ALIGNED TO THE CENTER OF CURB RAMP. FINAL CROSSWALK LAYOUT SHALL BE APPROVED BY THE ENGINEER.
5. STRIPING SHALL BE PAINT.

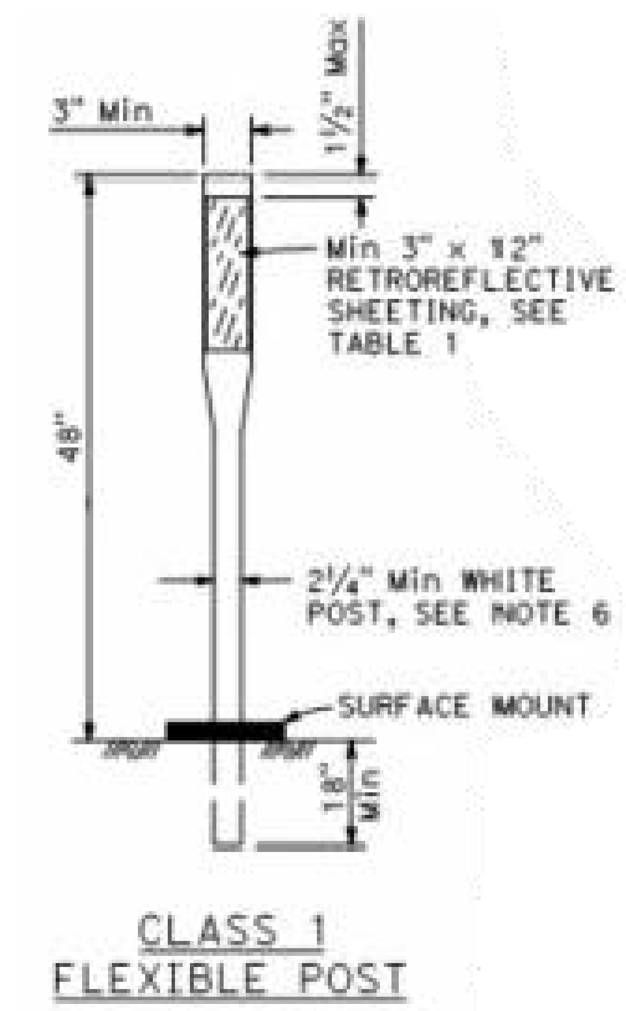
1 — TYPICAL CROSSWALK MARKINGS
NO SCALE



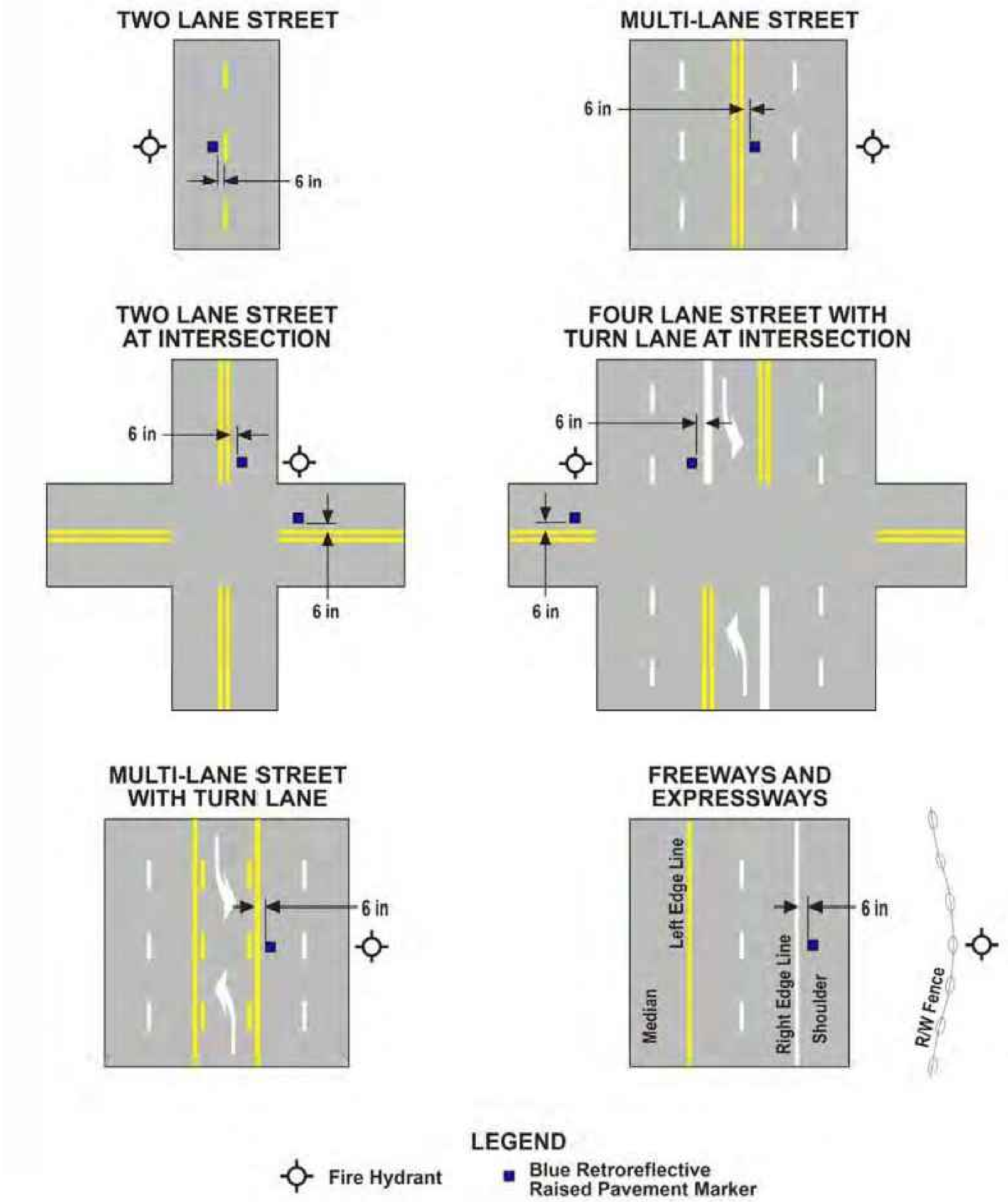
2 — GREEN BIKE LANE DETAIL
NO SCALE



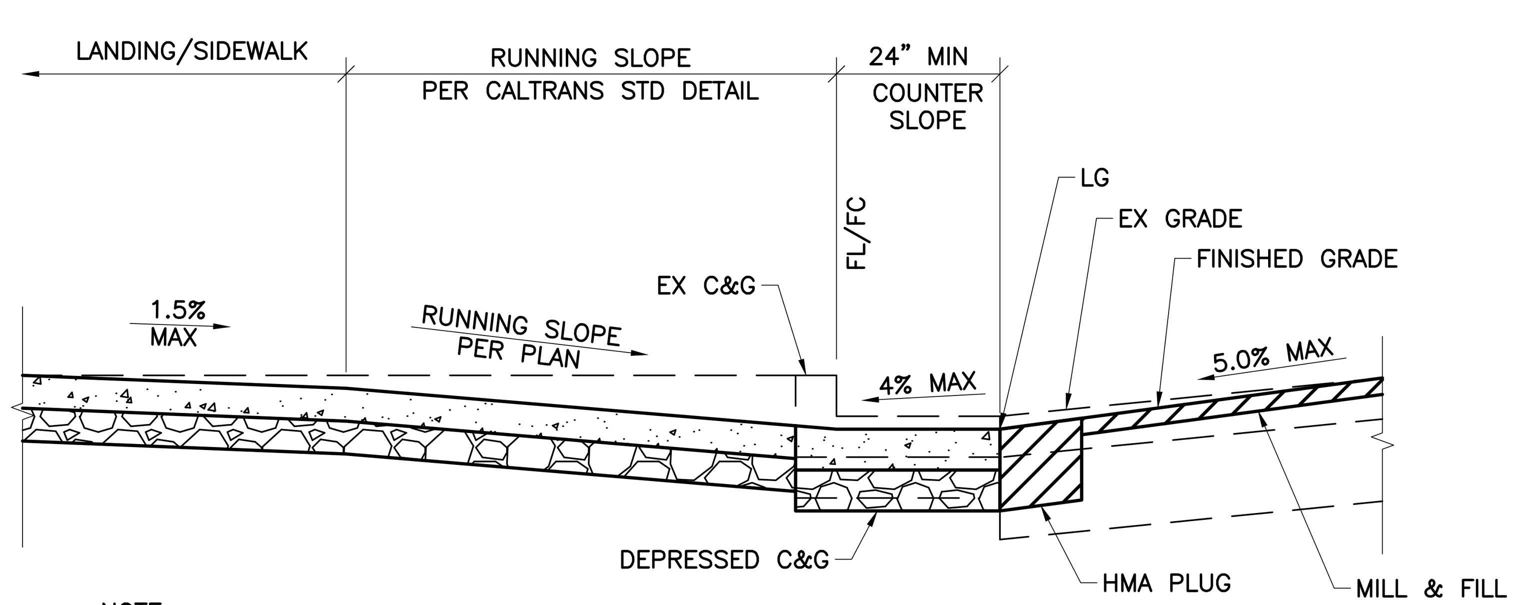
3 — TYPICAL INTERSECTION MARKINGS
NO SCALE



4 — DELINEATOR
NO SCALE



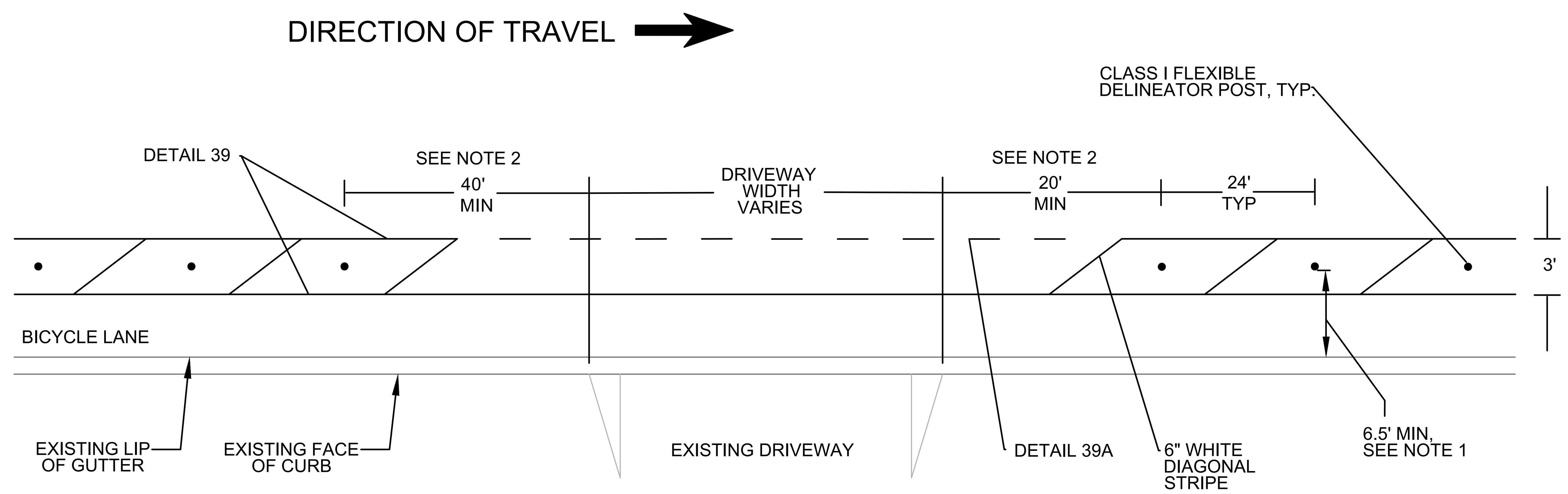
5 — TYPICAL FH MARKER LOCATION
NO SCALE



NOTE:

1. FOR DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN A88A AND A88B, LATEST EDITION.

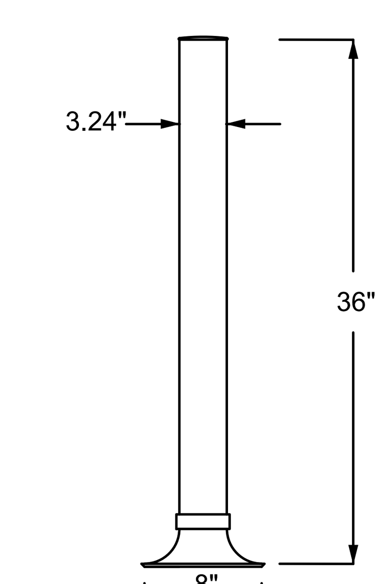
6 — TYPICAL CURB RAMP DETAIL
NO SCALE



NOTES:

1. PROVIDE 6.5' MINIMUM BETWEEN VERTICAL SEPARATION DEVICE BASE PLATE AND FACE OF CURB.
2. DROP DELINEATOR POST THROUGH 40' MINIMUM APPROACH AND 20' MINIMUM DEPARTURE OF DRIVEWAYS.

7 — SEPARATED BICYCLE LANE AT DRIVEWAY APPROACH/DEPARTURE
NO SCALE



8 — VERTICAL DELINEATOR
NO SCALE

811 Know what's below. Call before you dig.

DATE | REVISIONS | NO.

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS EMPLOYEE-OWNED

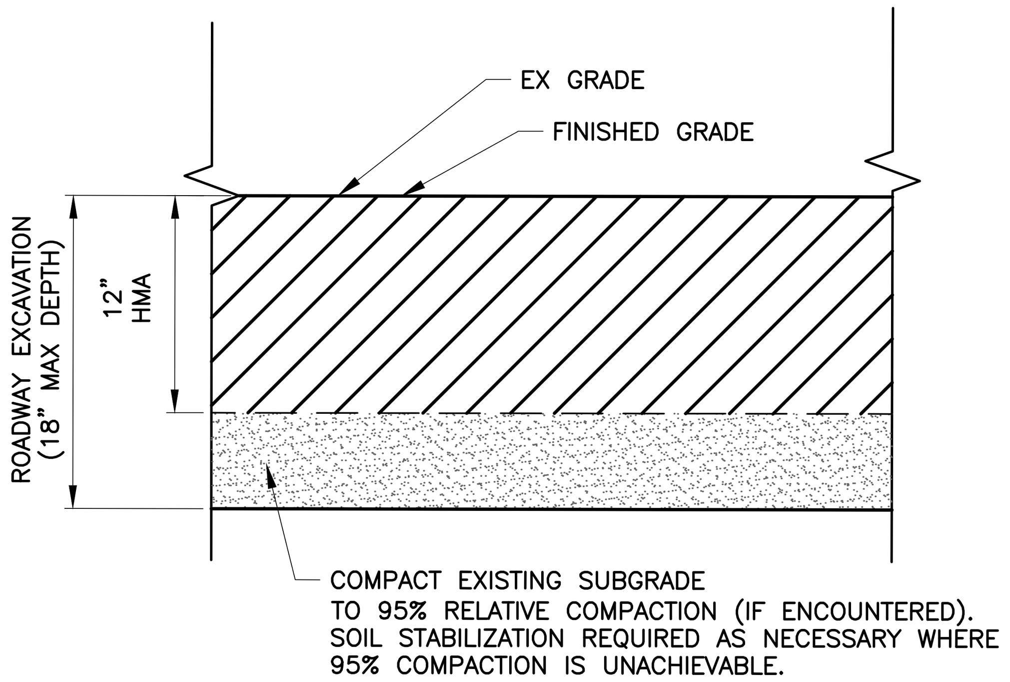
PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
CONSTRUCTION DETAILS

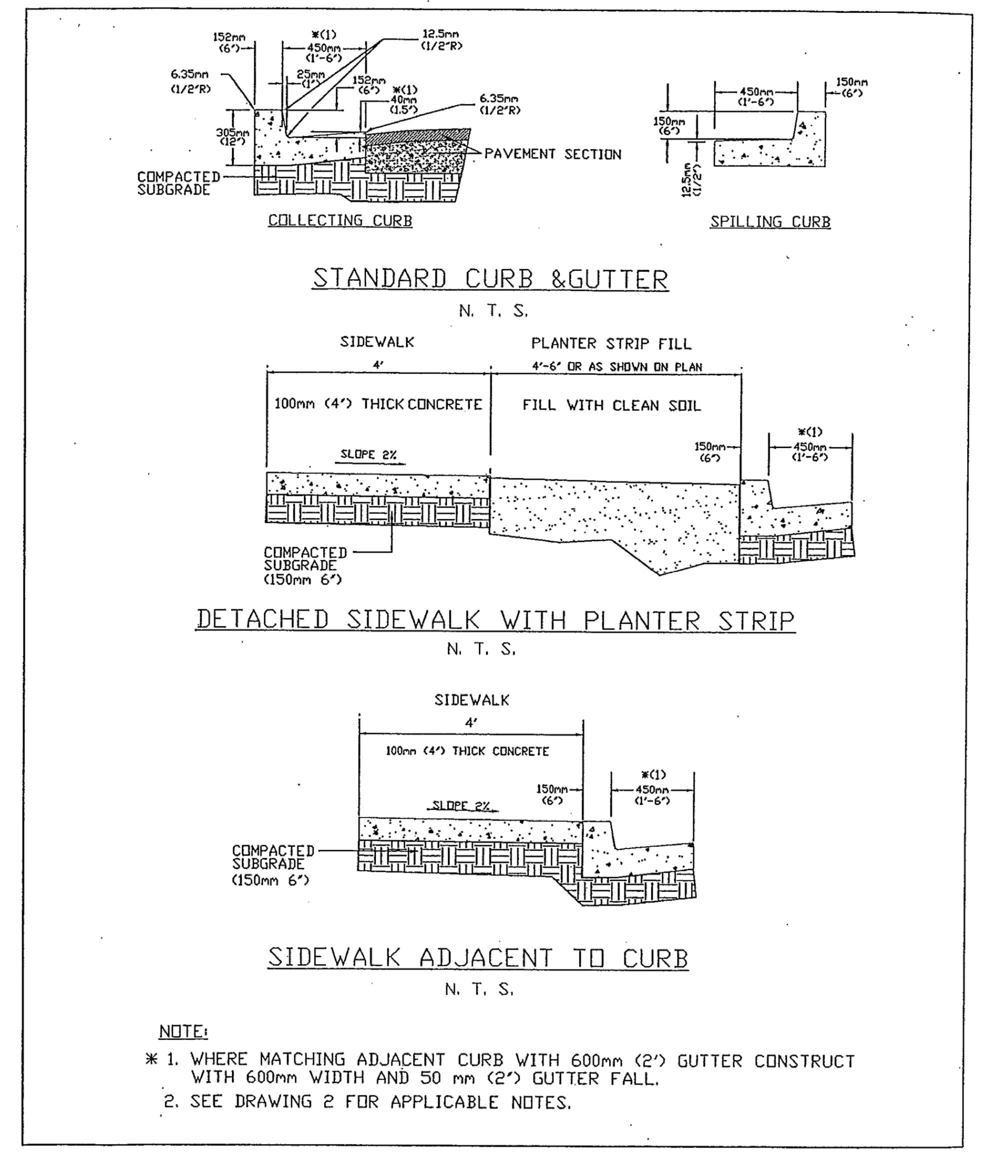
SHEET: 26 OF 31

DATE: 1/29/24

JOB#: 23.106



1 **12" DEEPLIFT ASPHALT CONCRETE SECTION**
NTS



TOWN OF COLMA	STANDARD DETAIL	
FILE: CSD-D9.DWG RATIO: 1:24 DATE: 3/1/08	STANDARD CURB, GUTTER & SIDEWALK	1

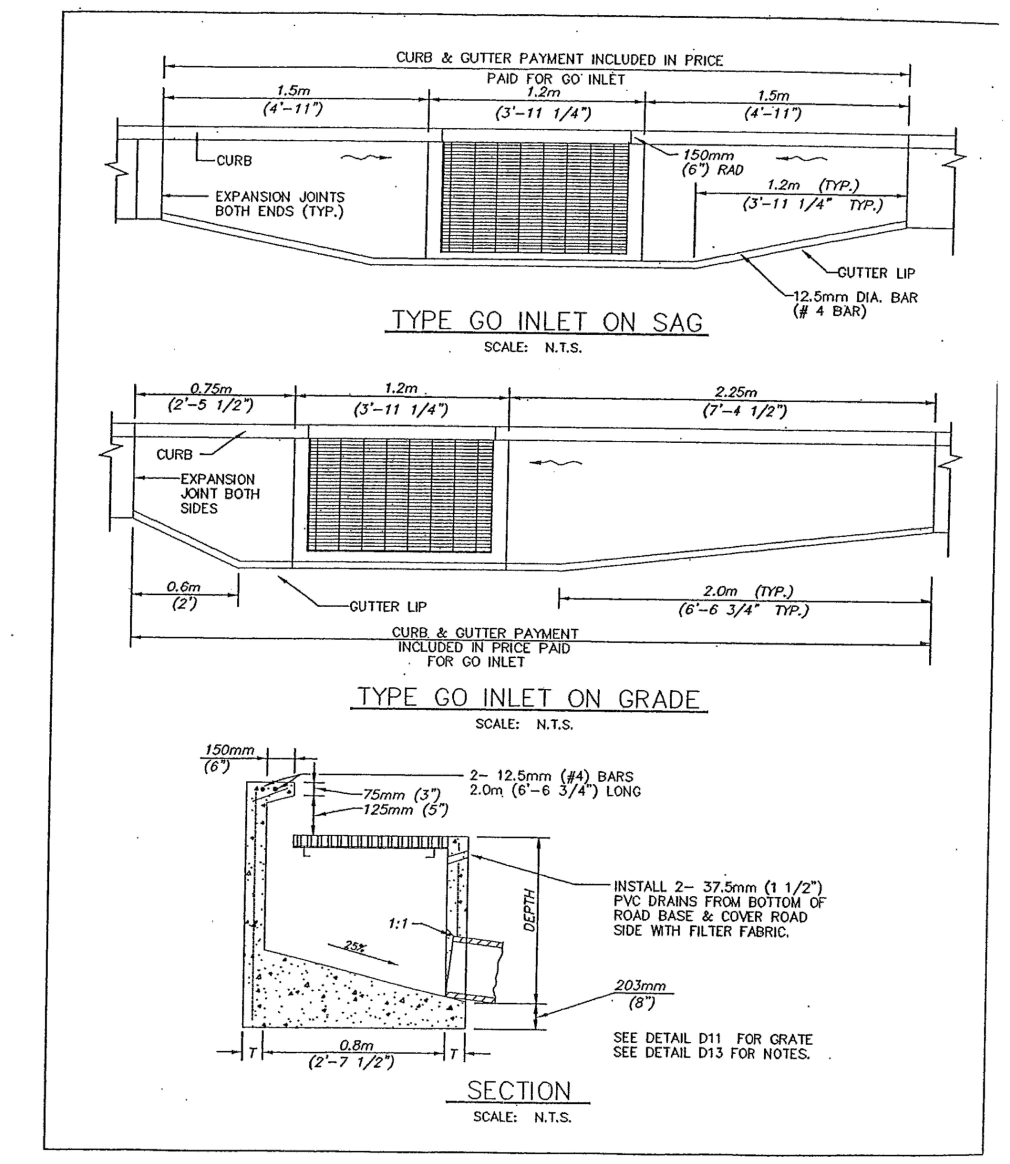
2 **STANDARD CURB, GUTTER & SIDEWALK**
NO SCALE

NOTES: POUR IN PLACE CONCRETE

1. SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% RELATIVE COMPACTION IN THE TOP 150mm (6 INCHES).
2. WHERE SOFT OR OTHERWISE UNSUITABLE SUBGRADE MATERIAL IS ENCOUNTER THE CITY ENGINEER MAY REQUIRE REMEDIAL WORK, INCLUDING BUT NOT LIMITED TO, PLACING A LAYER OF BASE UNDER THE CONCRETE SECTION.
3. UNDERCUT SUBGRADE SHALL BE FILLED WITH APPROVED GRANULAR MATERIALS.
4. EXISTING CONCRETE SHALL BE REMOVED AT EXPANSION OR WEAKENED PLAIN JOINTS OR AT SAW CUTS.
5. SAW CUTS SHALL BE AT LEAST 37.5mm (1 1/2") DEEP.
6. MISCELLANEOUS CONCRETE WORK SHALL MATCH ADJACENT CONCRETE LEFT IN PLACE IN SCORE, TEXTURE AND COLOR.
7. SUBGRADE SHALL BE THROUGHLY WETTED IMMEDIATELY PRIOR TO PLACING CONCRETE.
8. CONCRETE SHALL BE CLASS II, 350 Kg OF CEMENT PER CUBIC METER (5 SACKS PER CUBIC YARD), WITH 25mm (1 INCH) MAX. AGGREGRATE
9. NO COLOR OR ADMIXTURES SHALL BE USED WITHOUT THE WRITTEN PERMISSION OF THE CITY ENGINEER.
10. CONCRETE SHALL HAVE A SLUMP OF NOT MORE THAN 100mm (4" INCHES)
11. EXPANSION JOINTS OF 6.25mm TO 12.5mm (1/4" TO 1/2") THICKNESS SHALL BE PLACED ON BOTH SIDES OF DRIVEWAY APPROACHES AND CURB RAMPS, AT CURB RETURN POINTS THROUGH BOTH CURBS AND SIDEWALKS AND AT POINTS IN BETWEEN SO EXPANSION AT POINTS JOINTS ARE NO FARTHER THAN 18M (60 FEET) APART.
12. NO CONCRETE SHALL BE PLACED UNTIL THE CITY ENGINEER HAS INSPECTED FORMS AND SUBGRADE.
13. ALL EXPOSED SURFACES SHALL BE BROOM FINISHED AS DIRECTED BY THE CITY ENGINEER.
14. UNLESS OTHERWISE SPECIFIED, CONCRETE SHALL BE CURED BY MEANS OF THE IMPERVIOUS MEMBRANE METHOD.

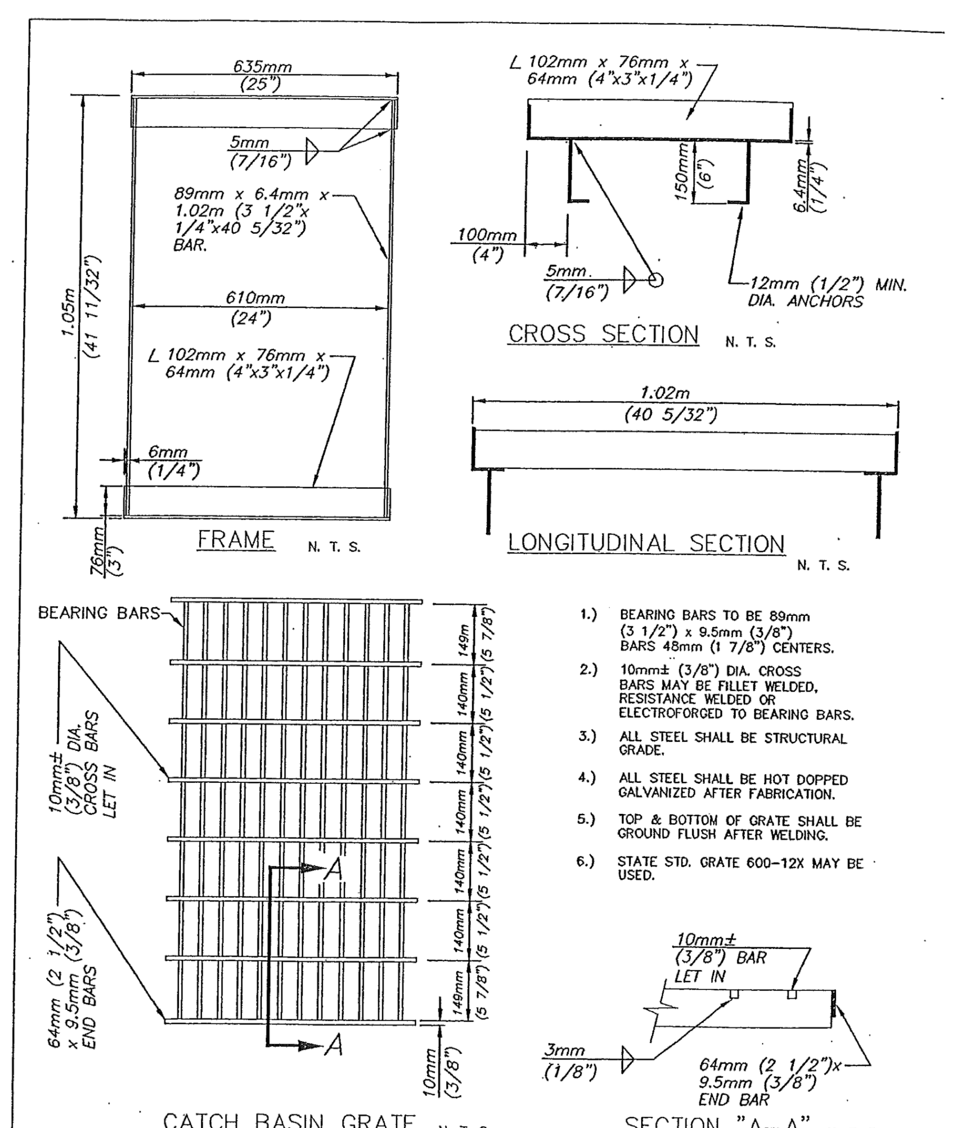
TOWN OF COLMA	STANDARD DETAIL	
FILE: CSD-D10.DWG RATIO: 1:24 DATE: 3/1/08	NOTES POUR IN PLACE CONCRETE	2

3 **POUR IN PLACE CONCRETE NOTES**
NO SCALE



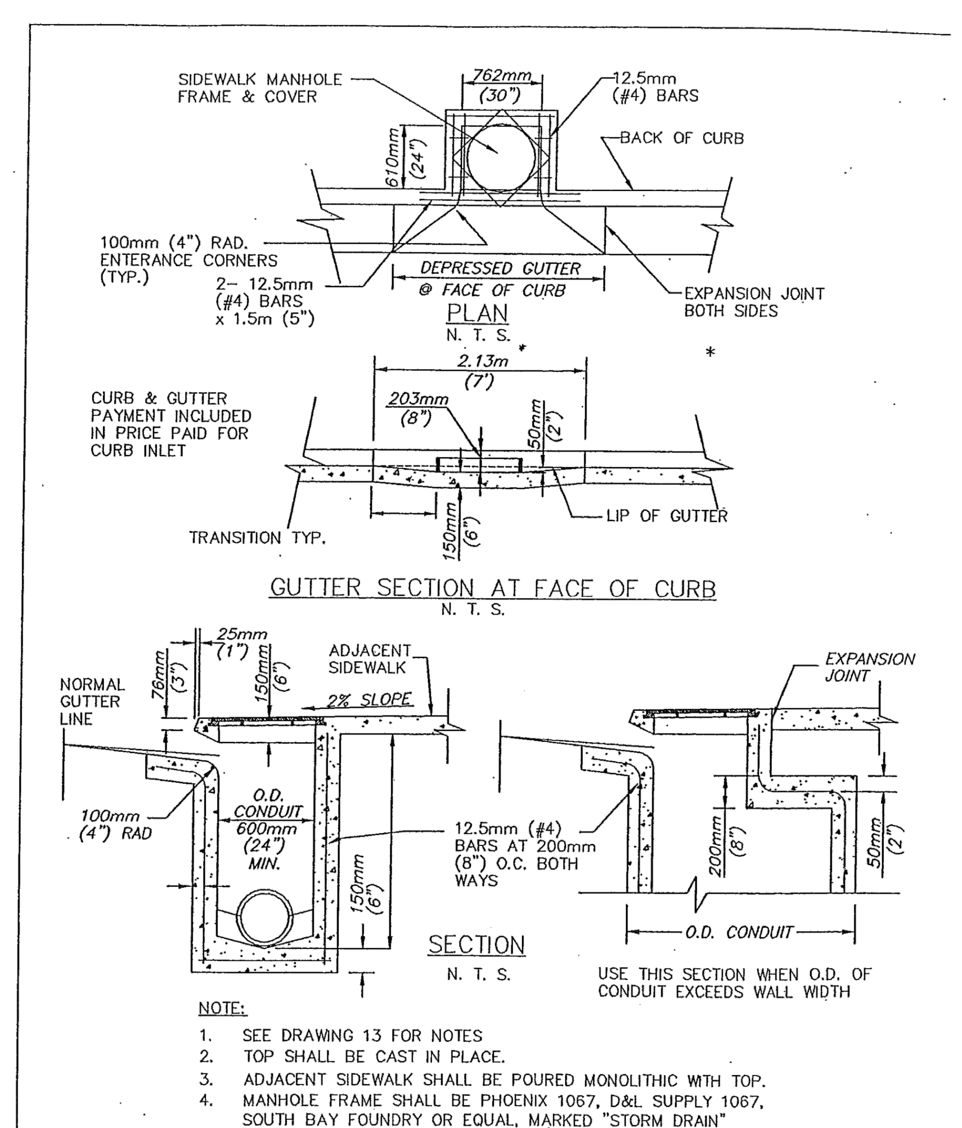
TOWN OF COLMA	STANDARD DETAIL	
FILE: CSD-D38.DWG RATIO: 1:24 DATE: 3/1/08	CATCH BASIN GO INLET	10

4 **CATCH BASIN GO INLET**
NO SCALE



TOWN OF COLMA	STANDARD DETAIL	
FILE: CSD-D40.DWG RATIO: 1:24 DATE: 3/1/08	GO INLET FRAME & GRATE	11

5 **GO INLET FRAME & GRATE**
NO SCALE



TOWN OF COLMA	STANDARD DETAIL	
FILE: CSD-D41.DWG RATIO: 1:24 DATE: 3/1/08	STORM DRAIN CURB INLET	12

6 **STORM DRAIN CURB INLET**
NO SCALE

NOTES: CATCH BASINS, CURB INLETS, DROP INLETS, DRAINAGE STRUCTURES

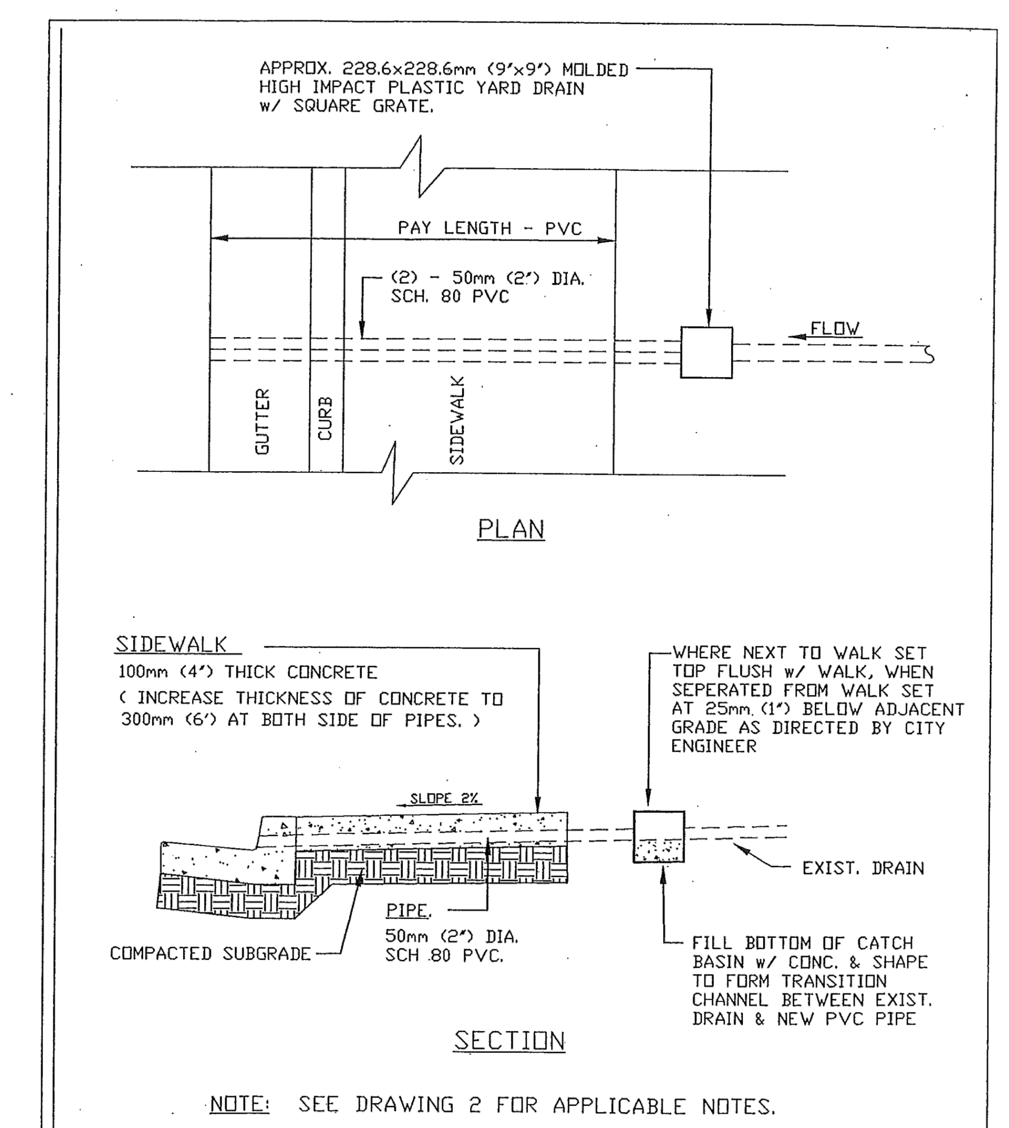
1. WALL THICKNESS AND CEMENT CONTENT SHALL CONFORM TO TABLE BELOW:

GREATEST DIMENSION (HORIZONTAL OR VERTICAL)	WALL THICKNESS	CEMENT CONTENT
LESS THAN 1.2m (4")	150mm (6")	350 kg/m3 (5 SACK) CLASS II
1.2 TO 2.4m (4' TO 8')	150mm (6")	400 kg/m3 (6 SACK) CLASS I
OVER 2.4m (8')	200mm (8")	400 kg/m3 (6 SACK) CLASS I

2. SAME BRAND OF CEMENT AND SAME COLOR ADDITIVE (IF ANY) SHALL BE USED FOR EXPOSED ELEMENTS AS USED FOR ADJACENT CURB, GUTTER, SIDEWALK AND FLATWORK.
3. THE MAXIMUM SLUMP OF CONCRETE SHALL BE 100mm (4") MEASURED BY SLUMP CONE OR KELLY BALL.
4. REINFORCING SHALL BE 12.5mm DIA. (#4) BARS AT 300mm (12") O.C. BOTH WAYS.
5. BASE SHALL BE PLACED AGAINST UNDISTURBED EARTH. SIDES MAY BE FORMED OR PLACED AGAINST UNDISTURBED EARTH.
6. NO CONCRETE SHALL BE PLACED PRIOR TO FORM AND STEEL APPROVAL BY THE CITY ENGINEER.
7. PLACE 37.5mm DIA. (1 1/2") WEEP HOLES TO DRAIN ROAD BASE WHERE DIRECTED BY CITY ENGINEER.
8. FIBERGLASS FORM MAY BE USED FOR CURB INLET TOP.
9. EXPANSION JOINTS SHALL BE PLACED THRU CURB AND SIDEWALK AT BOTH BOTH SIDES OF CATCH BASIN. PAYMENT FOR CURB AND GUTTER BETWEEN THE EXPANSION JOINTS SHALL BE INCLUDED IN THE PRICE PAID FOR THE CATCH BASIN OR CURB INLET.

TOWN OF COLMA	STANDARD DETAIL	
FILE: CSD-D42.DWG RATIO: 1:24 DATE: 3/1/08	NOTES CATCH BASIN, INLET, DRAINAGE STRUCTURES	13

7 **CATCH BASIN, INLET, DRAINAGE STRUCTURES NOTES**
NO SCALE



TOWN OF COLMA	STANDARD DETAIL	
FILE: CSD-D43.DWG RATIO: 1:24 DATE: 3/1/08	SIDEWALK UNDERDRAIN	20

8 **SIDEWALK UNDERDRAIN**
NO SCALE

811 Know what's below. Call before you dig.

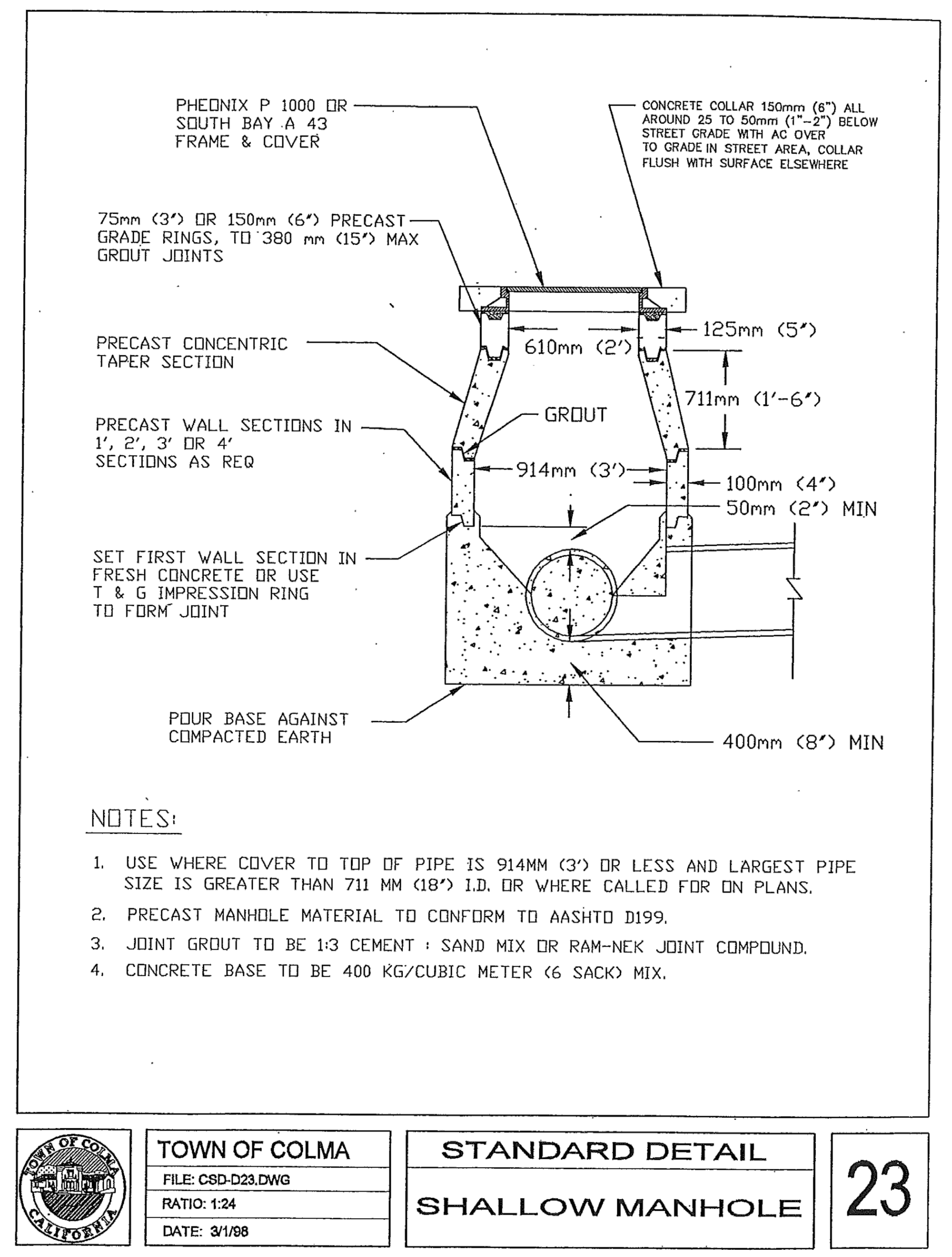
DATE | REVISIONS | NO.
SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
EMPLOYEE-OWNED

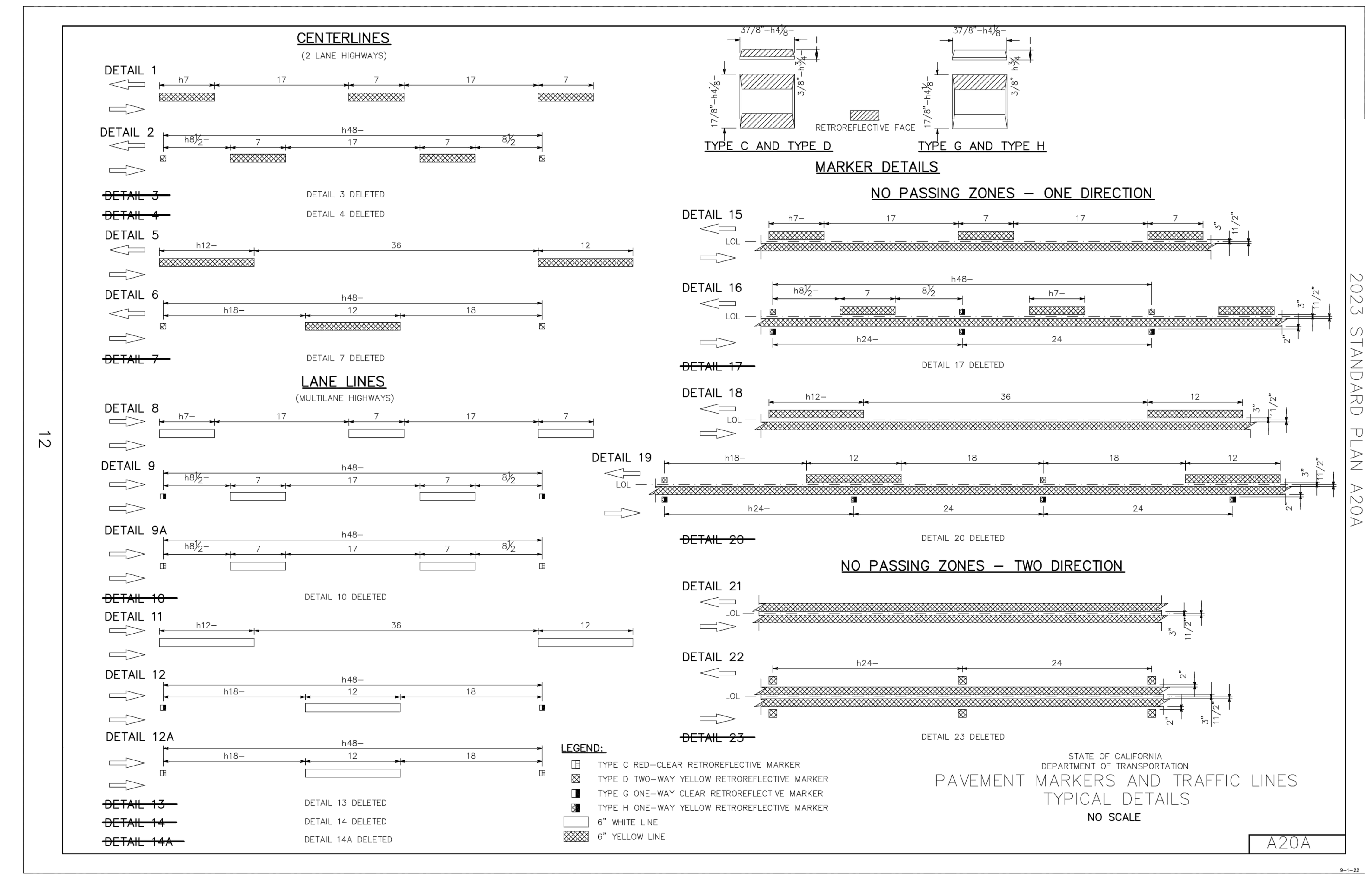
PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL, COLMA, CA 94014

TITLE: SERRAMONTE BOULEVARD WEST PHASE I
CONSTRUCTION DETAILS

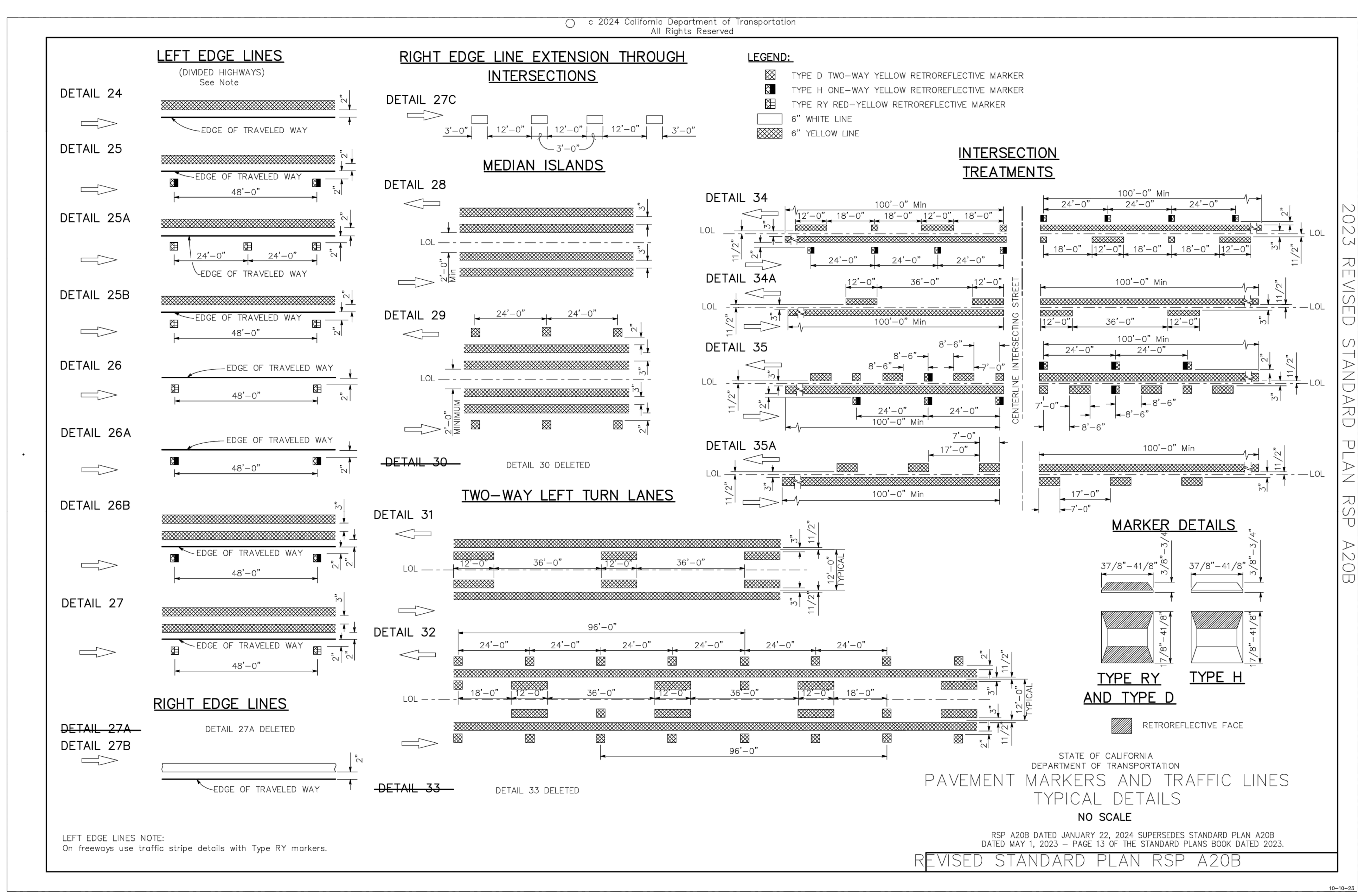
SHEET: 27 OF 31
DATE: 1/29/24
JOB#: 23.106



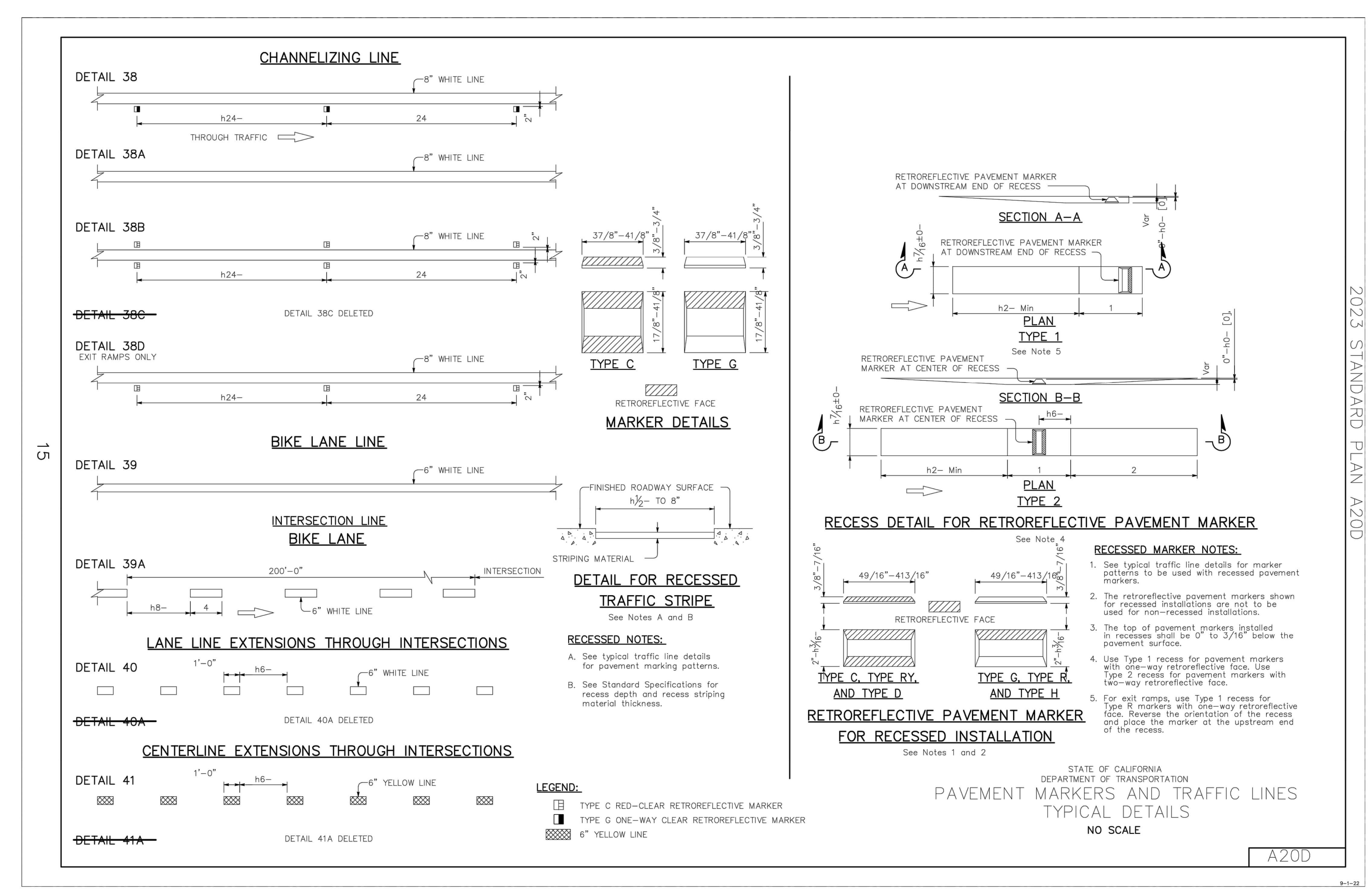
1 **SHALLOW MANHOLE**
NO SCALE



2 **A20A – PAVEMENT MARKERS AND TRAFFIC LINES TYP. DETAILS**
NO SCALE



3 **A20B – PAVEMENT MARKERS AND TRAFFIC LINES TYP. DETAILS**
NO SCALE



4 **A20D – PAVEMENT MARKERS AND TRAFFIC LINES TYP. DETAILS**
NO SCALE

811 Know what's below. Call before you dig.

DATE	REVISIONS	NO.

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

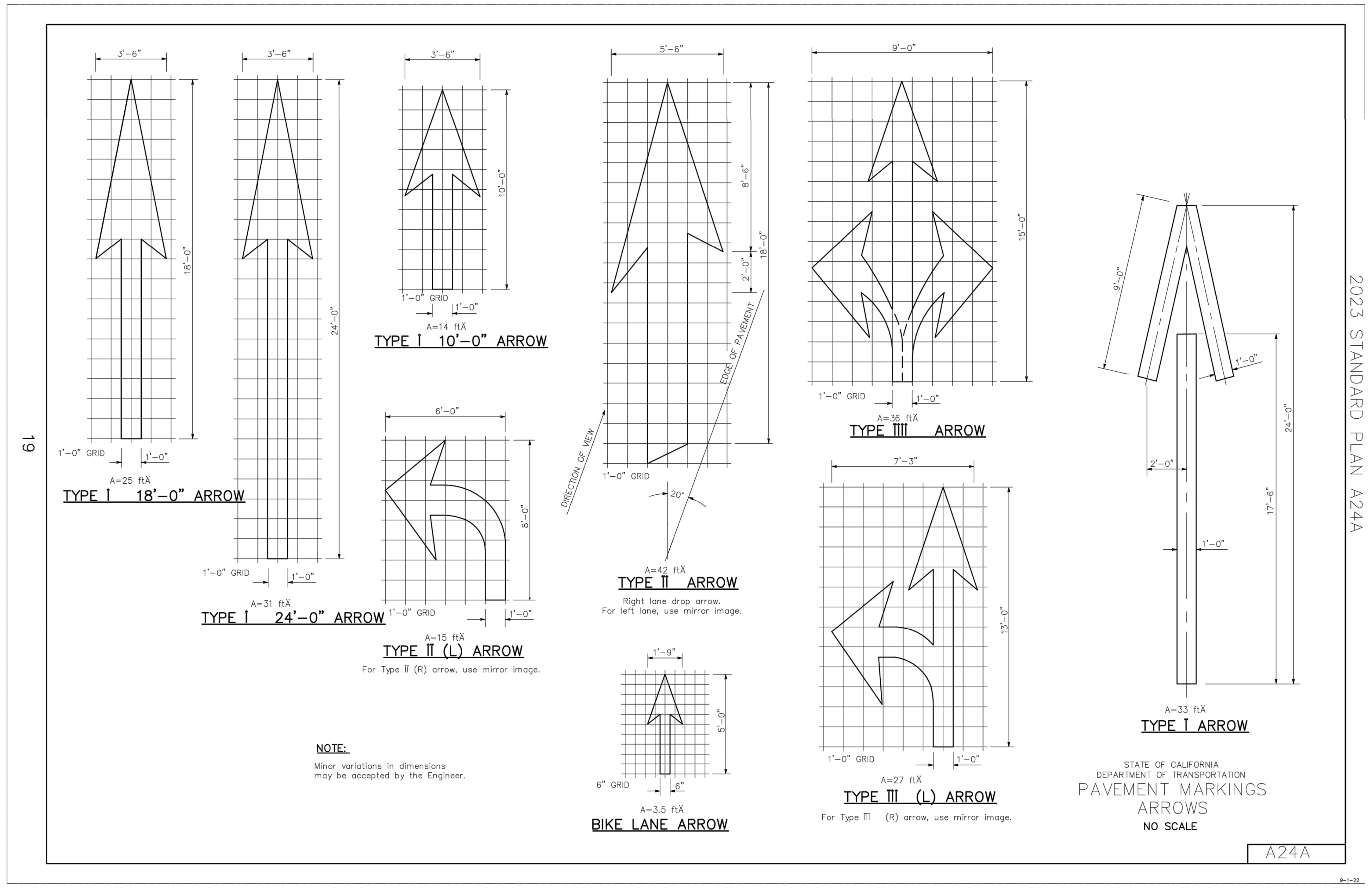
PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

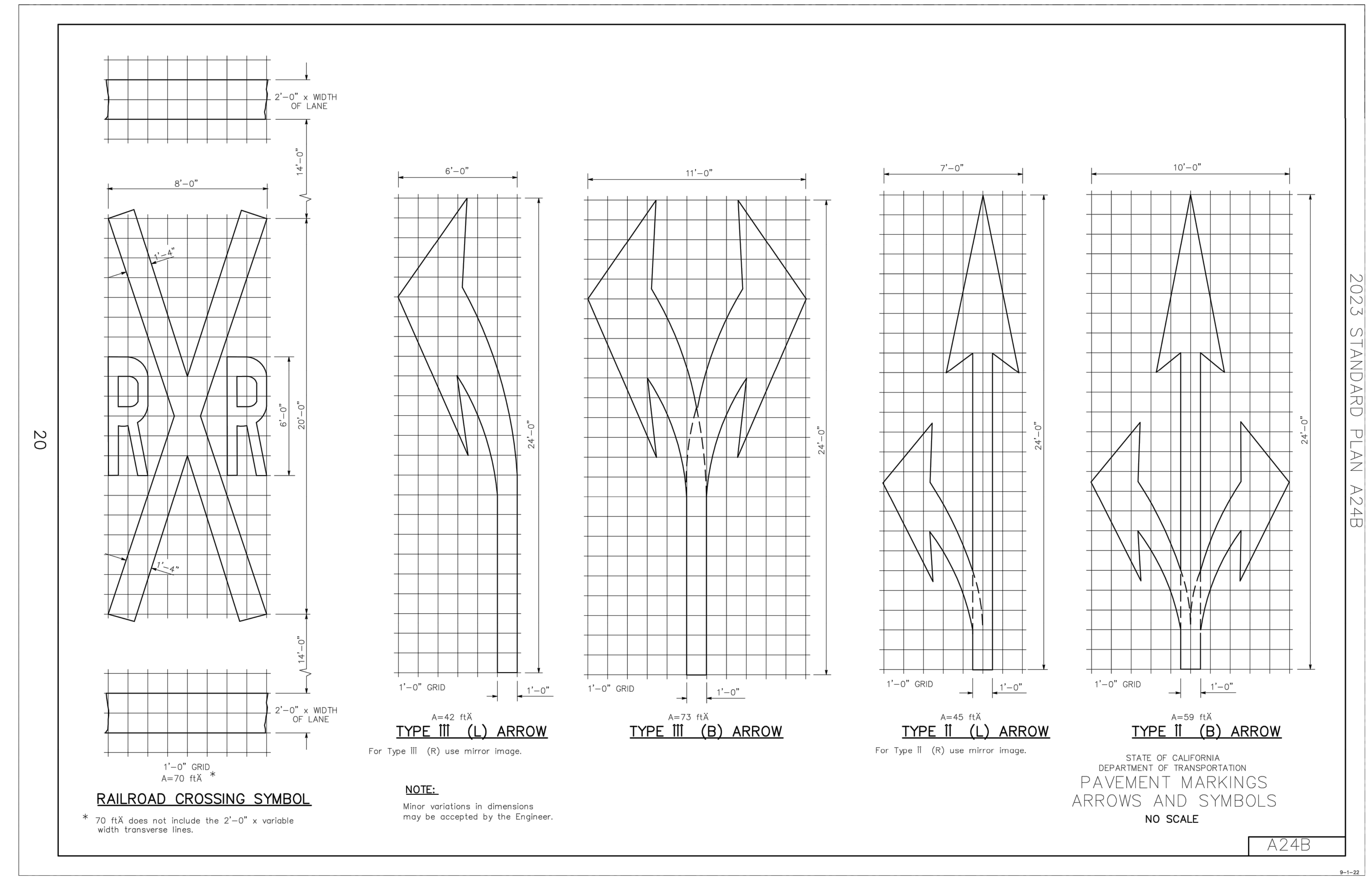
TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
CONSTRUCTION DETAILS

SHEET: 28 OF 31

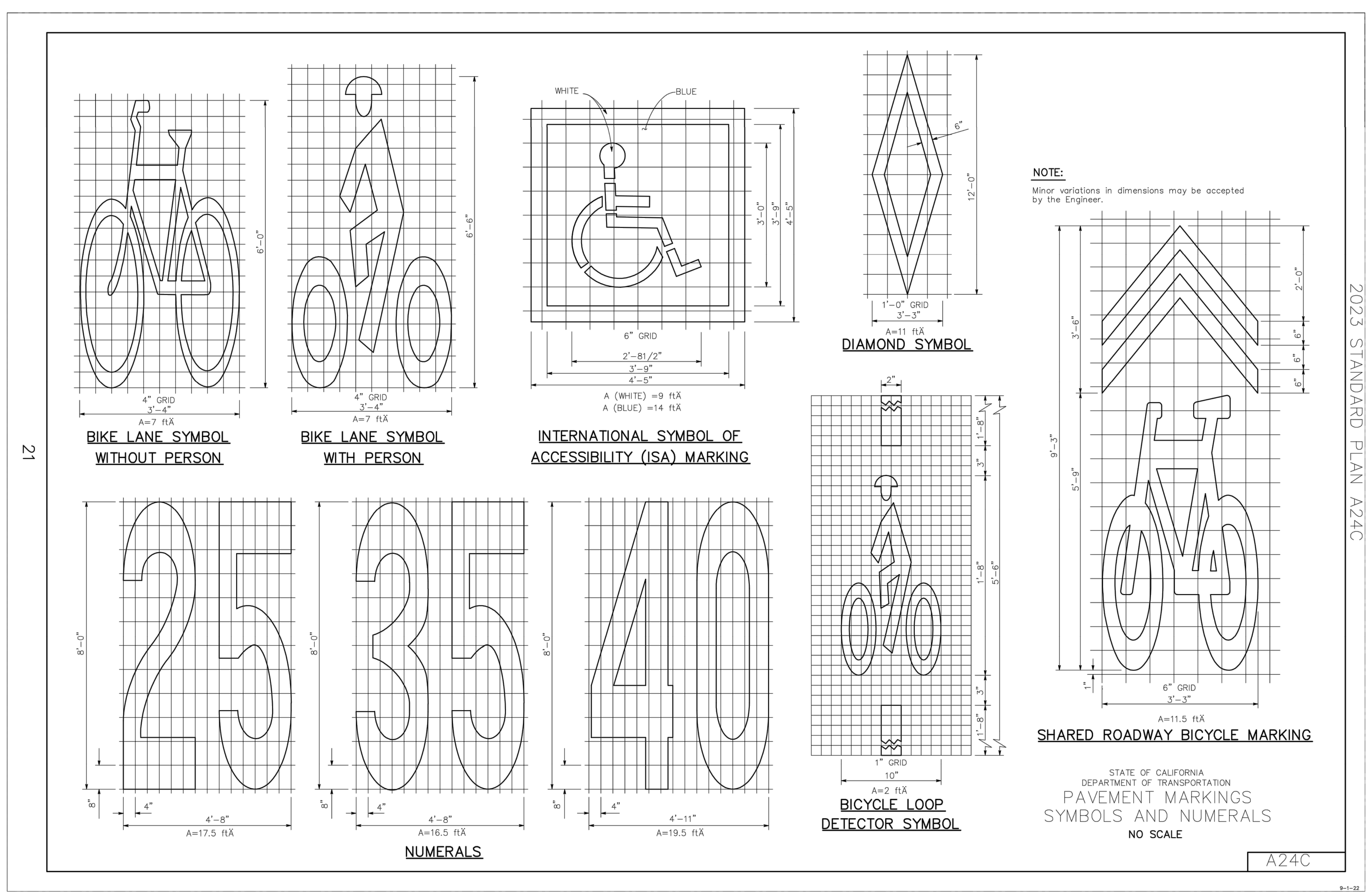
DATE: 1/29/24
JOB#: 23.106



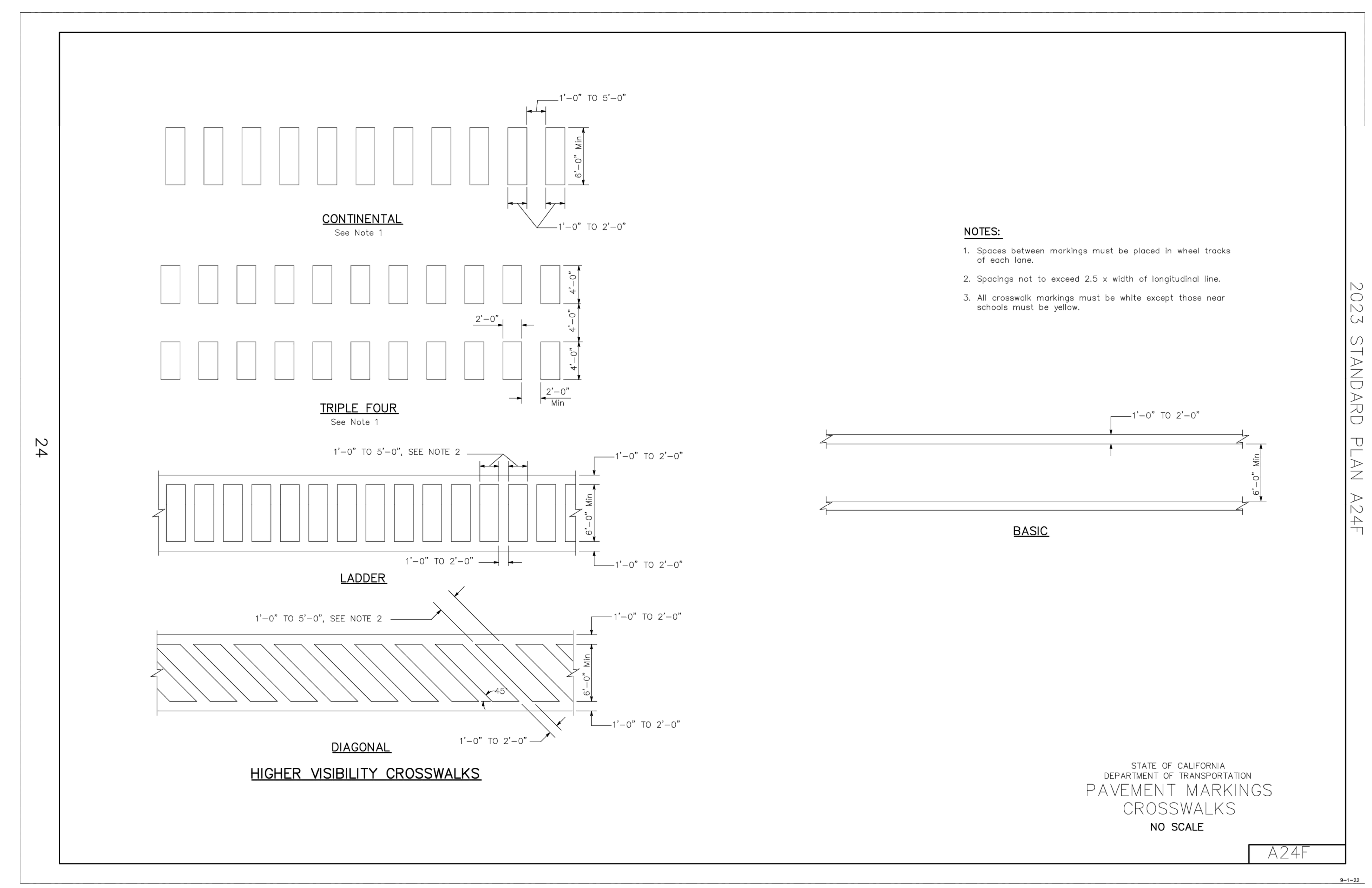
1 A24A – PAVEMENT MARKINGS ARROWS
NO SCALE



2 A24B – PAVEMENT MARKINGS ARROWS AND SYMBOLS
NO SCALE



3 A24C – PAVEMENT MARKINGS SYMBOLS AND NUMERALS
NO SCALE



4 A24F – PAVEMENT MARKINGS CROSSWALKS
NO SCALE

811 Know what's below. Call before you dig.

DATE	REVISIONS	NO.

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

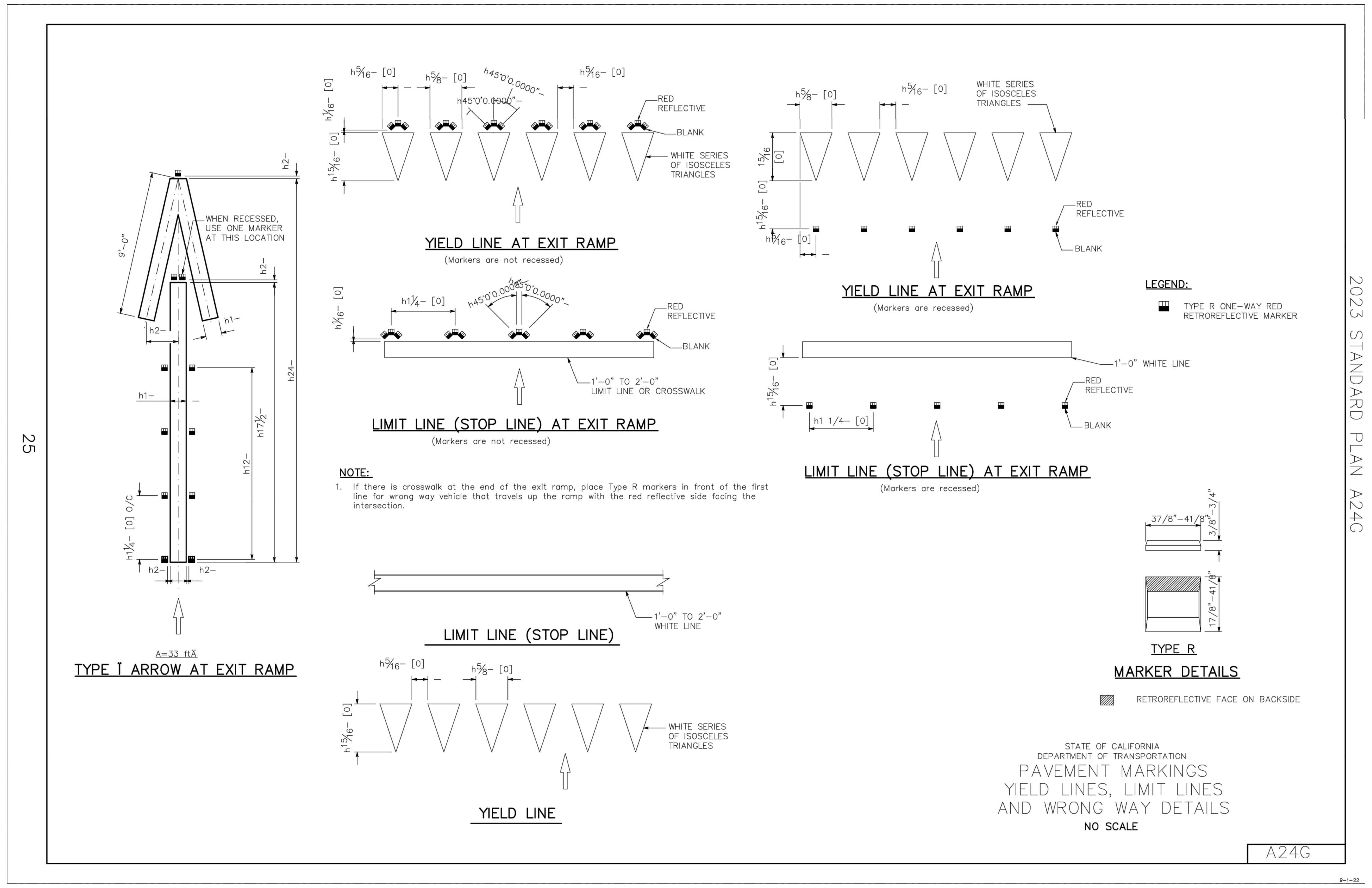
REGISTERED PROFESSIONAL ENGINEER
MICHAEL FISHER
No. C 56550
CIVIL
STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

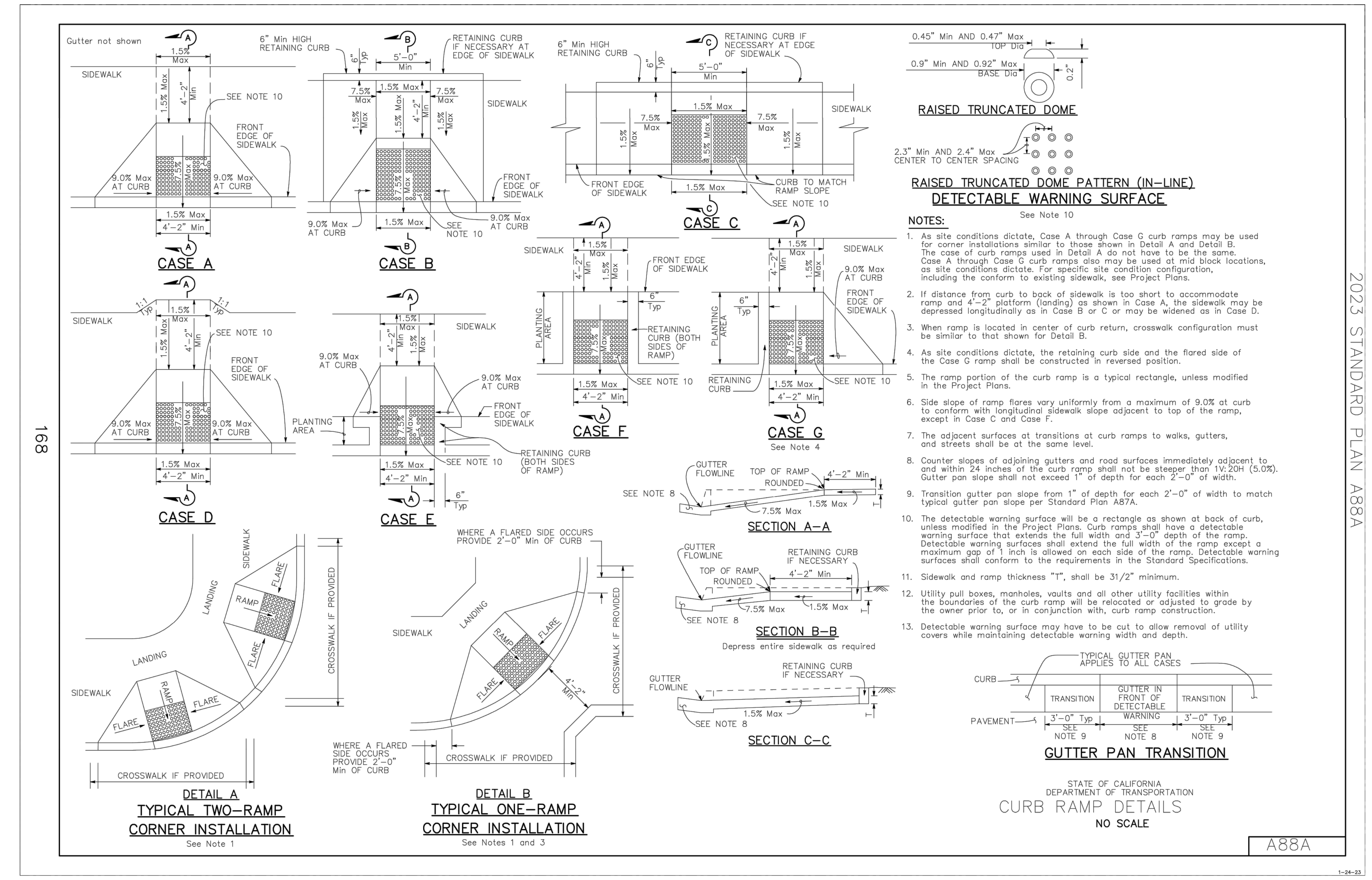
TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
CONSTRUCTION DETAILS

SHEET: 29 OF 31
DATE: 1/29/24
JOB#: 23.106



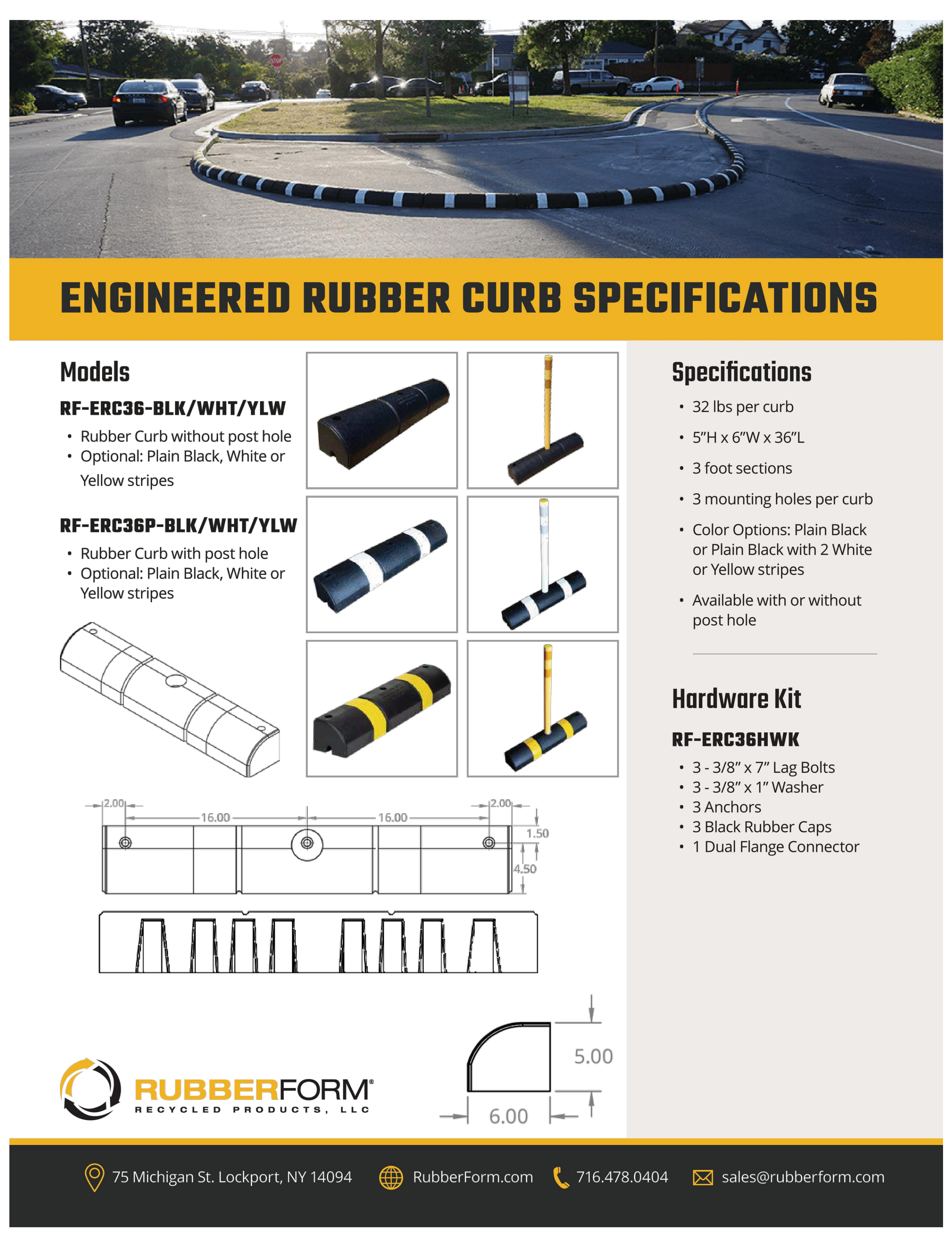
1 A24G – PAVEMENT MARKINGS YIELD LINES, LIMIT LINES, AND WRONG WAY DETAILS

NO SCALE



2 A88A – CURB RAMP DETAILS

NO SCALE



3 ENGINEERED RUBBERED CURB

NO SCALE

811 Know what's below. Call before you dig.

DATE | REVISIONS | NO.

SCALE: AS SHOWN
DRAWN: –
DESIGNED: –
APPROVED: –

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL, COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
CONSTRUCTION DETAILS

SHEET: 30 OF 31

DATE: 1/29/24

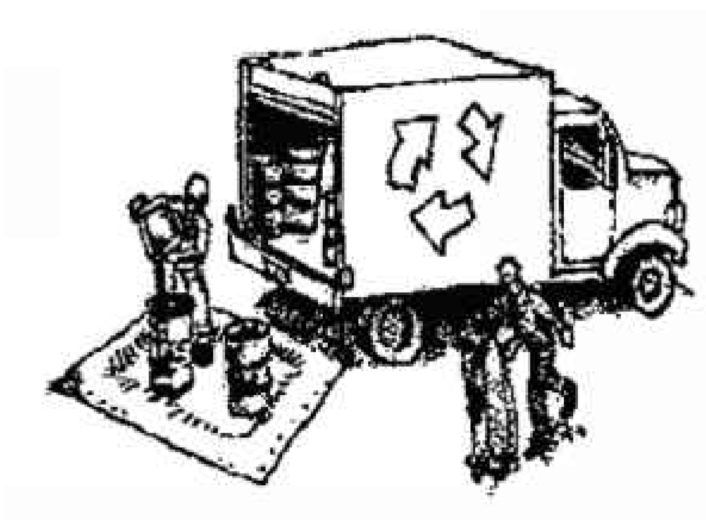
JOB#: 23.106

SAN MATEO COUNTYWIDE
Water Pollution Prevention Program
Clean Water. Healthy Community.

Construction Best Management Practices (BMPs)

Construction projects are required to implement the stormwater best management practices (BMP) on this page, as they apply to your project, all year long.

Materials & Waste Management



Non-Hazardous Materials

- ❑ Berm and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or if not actively being used within 14 days.
- ❑ Use (but don't overuse) reclaimed water for dust control.

Hazardous Materials

- ❑ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state and federal regulations.
- ❑ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- ❑ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ❑ Arrange for appropriate disposal of all hazardous wastes.

Waste Management

- ❑ Cover waste disposal containers securely with tarps at the end of every work day and during wet weather.
- ❑ Check waste disposal containers frequently for leaks and to make sure they are not overfilled. Never hose down a dumpster on the construction site.
- ❑ Clean or replace portable toilets, and inspect them frequently for leaks and spills.
- ❑ Dispose of all wastes and debris properly. Recycle materials and wastes that can be recycled (such as asphalt, concrete, aggregate base materials, wood, gyp board, pipe, etc.)
- ❑ Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.

Construction Entrances and Perimeter

- ❑ Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- ❑ Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.

Equipment Management & Spill Control

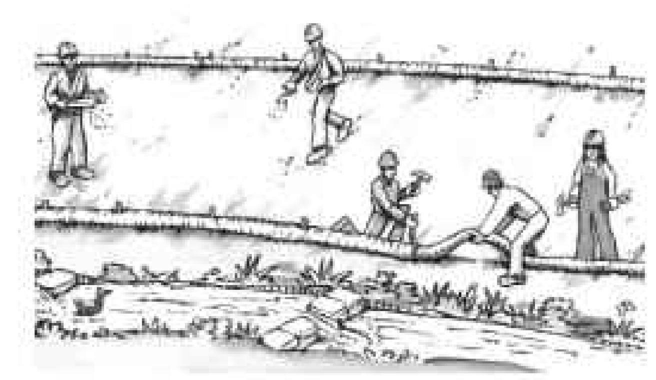
Maintenance and Parking

- ❑ Designate an area, fitted with appropriate BMPs, for vehicle and equipment parking and storage.
- ❑ Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- ❑ If refueling or vehicle maintenance must be done onsite, work in a bermed area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.
- ❑ If vehicle or equipment cleaning must be done onsite, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.
- ❑ Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment.

Spill Prevention and Control

- ❑ Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction site at all times.
- ❑ Inspect vehicles and equipment frequently for and repair leaks promptly. Use drip pans to catch leaks until repairs are made.
- ❑ Clean up spills or leaks immediately and dispose of cleanup materials properly.
- ❑ Do not hose down surfaces where fluids have spilled. Use dry cleanup methods (absorbent materials, cat litter, and/or rags).
- ❑ Sweep up spilled dry materials immediately. Do not try to wash them away with water, or bury them.
- ❑ Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- ❑ Report significant spills immediately. You are required by law to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911 or your local emergency response number, 2) Call the Governor's Office of Emergency Services Warning Center, (800) 852-7550 (24 hours).

Earthmoving



- ❑ Schedule grading and excavation work during dry weather.
- ❑ Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.
- ❑ Remove existing vegetation only when absolutely necessary, and seed or plant vegetation for erosion control on slopes or where construction is not immediately planned.
- ❑ Prevent sediment from migrating offsite and protect storm drain inlets, gutters, ditches, and drainage courses by installing and maintaining appropriate BMPs, such as fiber rolls, silt fences, sediment basins, gravel bags, berms, etc.
- ❑ Keep excavated soil on site and transfer it to dump trucks on site, not in the streets.

Contaminated Soils

- ❑ If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:
  - Unusual soil conditions, discoloration, or odor.
  - Abandoned underground tanks.
  - Abandoned wells
  - Buried barrels, debris, or trash.

Paving/Asphalt Work

- ❑ Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured from contacting stormwater runoff.
- ❑ Cover storm drain inlets and manholes when applying seal coat, tack coat, slurry seal, fog seal, etc.
- ❑ Collect and recycle or appropriately dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.
- ❑ Do not use water to wash down fresh asphalt concrete pavement.

Sawcutting & Asphalt/Concrete Removal

- ❑ Protect nearby storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or gravel bags to keep slurry out of the storm drain system.
- ❑ Shovel, abosorb, or vacuum saw-cut slurry and dispose of all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ❑ If sawcut slurry enters a catch basin, clean it up immediately.

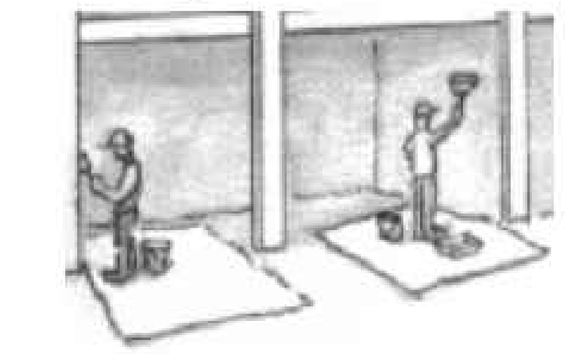
Concrete, Grout & Mortar Application

- ❑ Store concrete, grout, and mortar away from storm drains or waterways, and on pallets under cover to protect them from rain, runoff, and wind.
- ❑ Wash out concrete equipment/trucks offsite or in a designated washout area, where the water will flow into a temporary waste pit, and in a manner that will prevent leaching into the underlying soil or onto surrounding areas. Let concrete harden and dispose of as garbage.
- ❑ When washing exposed aggregate, prevent washwater from entering storm drains. Block any inlets and vacuum gutters, hose washwater onto dirt areas, or drain onto a bermed surface to be pumped and disposed of properly.

Landscaping

- ❑ Protect stockpiled landscaping materials from wind and rain by storing them under tarps all year-round.
- ❑ Stack bagged material on pallets and under cover.
- ❑ Discontinue application of any erodible landscape material within 2 days before a forecast rain event or during wet weather.

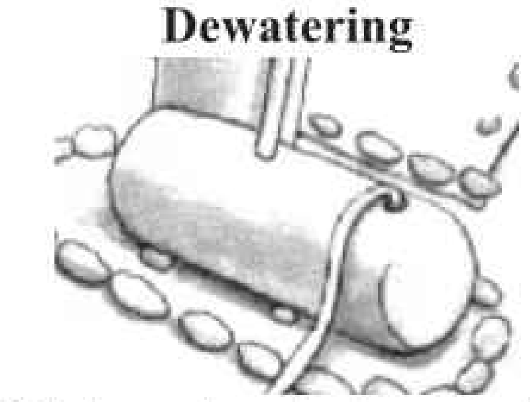
Painting & Paint Removal



Painting Cleanup and Removal

- ❑ Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.
- ❑ For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- ❑ For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids as hazardous waste.
- ❑ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.
- ❑ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste. Lead based paint removal requires a state-certified contractor.

Dewatering



- ❑ Discharges of groundwater or captured runoff from dewatering operations must be properly managed and disposed. When possible send dewatering discharge to landscaped area or sanitary sewer. If discharging to the sanitary sewer call your local wastewater treatment plant.
- ❑ Divert run-on water from offsite away from all disturbed areas.
- ❑ When dewatering, notify and obtain approval from the local municipality before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ❑ In areas of known or suspected contamination, call your local agency to determine whether the ground water must be tested. Pumped groundwater may need to be collected and hauled off-site for treatment and proper disposal.

Storm drain polluters may be liable for fines of up to $10,000 per day!

811 Know what's below. Call before you dig.

NO.	REVISIONS	DATE

SCALE: AS SHOWN
DRAWN: -
DESIGNED: -
APPROVED: -

REGISTERED PROFESSIONAL ENGINEER MICHAEL FISHER No. C 56550 CIVIL STATE OF CALIFORNIA

PREPARED BY:
CSG CONSULTANTS, INC.
550 PILGRIM DRIVE
FOSTER CITY, CA 94404
PHONE: (650) 522-2500
FAX: (650) 522-2599
CSG CONSULTANTS
EMPLOYEE-OWNED

PREPARED FOR:
TOWN OF COLMA
ENGINEERING SERVICES DEPARTMENT
1198 EL CAMINO REAL,
COLMA, CA 94014

TITLE:
SERRAMONTE BOULEVARD WEST PHASE I
BEST MANAGEMENT PRACTICES (BMPs)

SHEET: 31 OF 31
DATE: 1/29/24
JOB#: 23.106