

CITY OF LAFAYETTE

HAPPY VALLEY ROAD WALKWAY PROJECT PROJECT NUMBER 014-9703 FEDERAL AID NUMBER CML 5404(026)

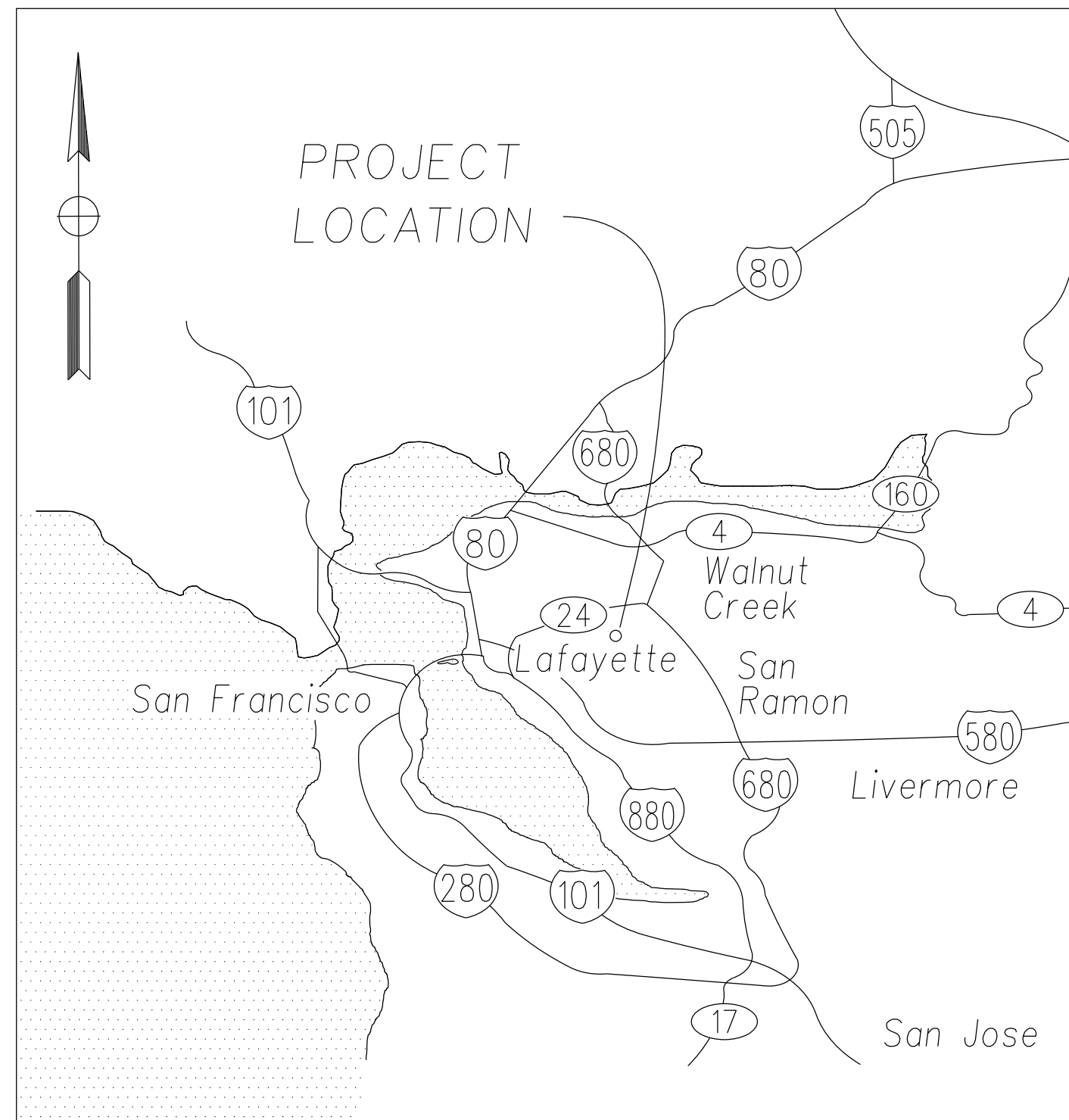
GENERAL NOTES:

- UTILITY INFORMATION AND OBSTRUCTIONS SHOWN ON THE PROJECT PLANS AND PROVIDED IN THE SPECIFICATION ARE ONLY INFORMATIONAL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES WITHIN THE WORK AREA PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) AT (800) 227-2600 A MINIMUM OF TWO WORKING DAYS IN ADVANCE OF ANY EXCAVATION. EXCAVATION SHALL NOT BEGIN UNTIL UNDERGROUND UTILITIES HAVE BEEN LOCATED.
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE AGENCIES PRIOR TO THE START OF ANY WORK WHICH MAY AFFECT THEIR FACILITIES. THE FOLLOWING UTILITIES AND AGENCIES ARE KNOWN TO HAVE FACILITIES WITHIN THE PROJECT LIMITS:

CENTRAL CONTRA COSTA SANITARY DISTRICT	(925) 228-9500
EAST BAY MUNICIPAL UTILITY DISTRICT (WATER)	(510) 287-0834
AT&T (TELEPHONE)	(415) 542-9000
PACIFIC GAS AND ELECTRIC (GAS)	(510) 784-3211
PACIFIC GAS AND ELECTRIC (ELECTRIC)	(510) 784-3236
CONSOLIDATED FIRE PROTECTION DISTRICT	(925) 930-5531
COMCAST (CABLE TELEVISION)	(925) 349-3300
- THE CONTRACTOR SHALL INSPECT THE PROJECT SITE PRIOR TO SUBMITTING A BID IN ORDER TO OBSERVE AND DETERMINE THE EXISTING SITE CONDITIONS.
- TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. ALL TRAFFIC CONTROL AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES" USED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. THESE PLANS DO NOT INCLUDE COMPONENTS NECESSARY FOR CONSTRUCTION SAFETY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FOR THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF THE PROJECT.
- THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF CAL/OSHA. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE CONTRACTOR SHALL PROVIDE FOR CONTINUOUS INGRESS AND EGRESS TO ALL PUBLIC AND PRIVATE PROPERTIES ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE SITE OR THE SURROUNDING AREA AS A RESULT OF THE CONTRACTOR'S WORK OR OPERATIONS. EXISTING CURB, GUTTER AND ANY OTHER IMPROVEMENTS THAT ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL LOCATE, REFERENCE, AND SET SUFFICIENT MARKS FOR ALL CITY OWNED AND NON-CITY OWNED EXISTING MANHOLE COVERS, VALVE COVERS, SURVEY MONUMENTS, IRON PIPES, RAILROAD SPIKES, PRIOR TO STARTING ANY WORK IN THE PAVING AREA WITHIN THE PROJECT LIMITS.
- UNLESS DRIVEWAY, SIDEWALK OR OTHER CONFORM WORK IS SHOWN, CONTRACTOR SHALL PROTECT ADJACENT DRIVEWAY, SIDEWALK OR OTHER IMPROVEMENTS IN PLACE WHEN DOING REMOVAL AND REPLACEMENT.

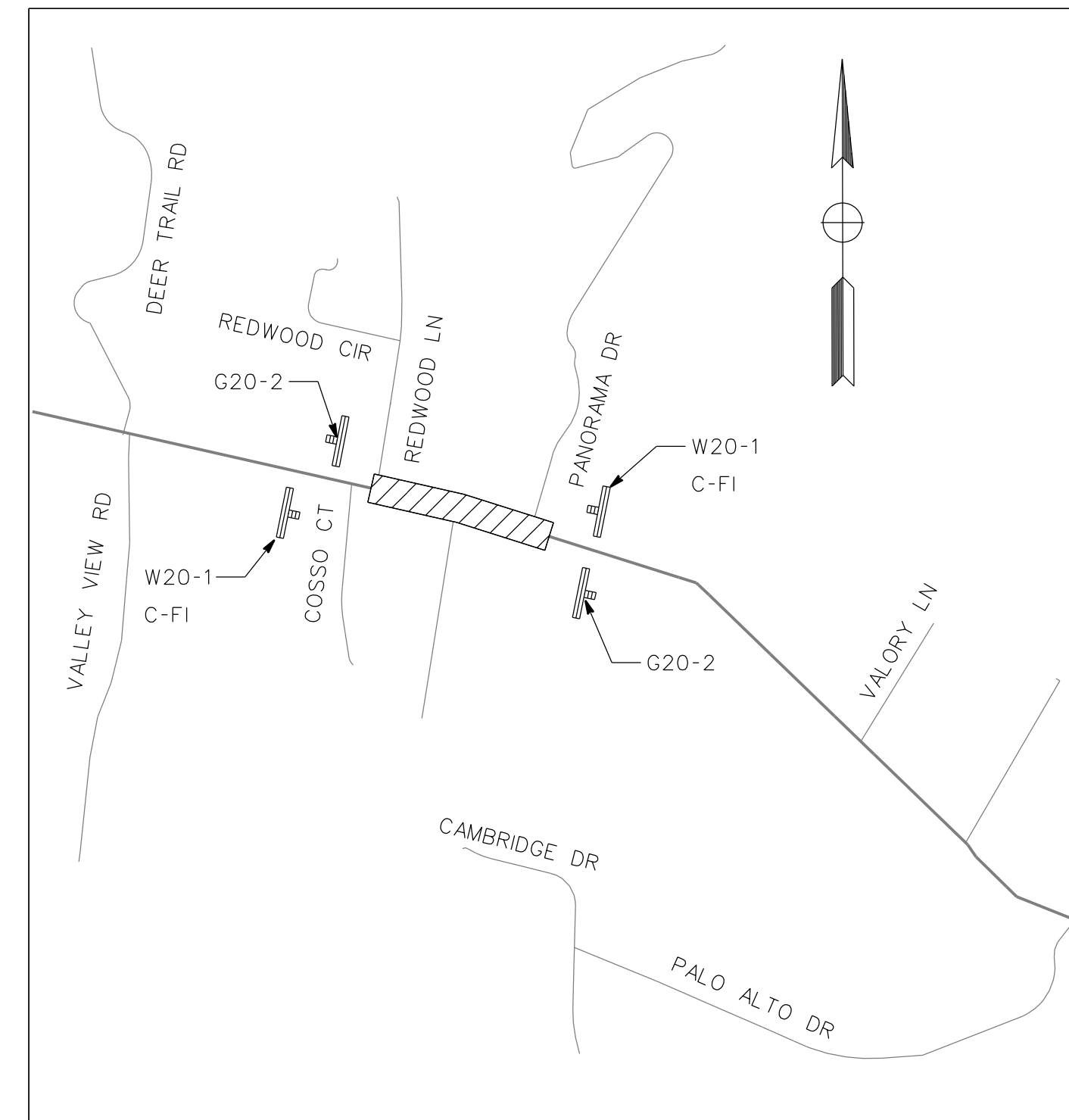
ABBREVIATIONS:

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ADJ	ADJUST
BC	BEGIN CURVE
BVC	BEGIN VERTICAL CURVE
BW	BACK OF WALK
CL	CENTER LINE
CB	CATCH BASIN
CMP	CORRUGATED METAL PIPE
(D),DES	DESIGN
D/W,DWY	DRIVEWAY
DI	DRAIN INLET
EC	END CURVE
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EVC	END VERTICAL CURVE
(E),EX,EXIST	EXISTING
F/C,FC	FACE OF CURB
FG	FINISH GRADE
FL	FLOWLINE
G	GAS
GB	GRADE BREAK
OR	STORM DRAIN INLET GRATE
(H),HORIZ	HORIZONTAL
INV	INVERT
IP	IRON PIPE
IRR	IRRIGATION
JP	JOINT POLE
LF	LINEAR FEET
LIP	LIP OF GUTTER
LT	LEFT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MON	MONUMENT
OH	OVERHEAD
PC	POINT OF COMPOUND CURVE
PCVC	POINT OF CURVATURE VERTICAL CURVE
PIVC	POINT OF INTERSECTION VERTICAL CURVE
PRC	POINT OF REVERSE CURVE
PVCP	POLYVINYLCHLORIDE PIPE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RT	RIGHT
S	SLOPE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
STD	STANDARDS
TYP	TYPICAL
T/C, TC	TOP OF CURB
(V), VERT	VERTICAL
VCP	VITRIFIED CLAY PIPE
W	WATER
WM	WATER METER
WV	WATER VALVE



VICINITY MAP

NTS



LOCATION MAP AND
CONSTRUCTION AREA SIGNS

NTS

APPLICABLE STANDARD PLANS

INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

CALTRANS STANDARD PLANS (DATED 2010)	
A20 B	PAVEMENT MARKERS AND TRAFFIC LINES, TYPICAL DETAILS
A24 D	PAVEMENT MARKINGS, ARROWS, SYMBOLS, NUMERALS, WORDS AND CROSSWALKS
A87B	HOT MIX ASPHALT DIKES
RSP A88A	CURB RAMP DETAILS
CONTRA COSTA COUNTY STANDARD DETAILS (LATEST EDITION)	
CA71	MEDIAN, CURB AND HMA DIKE DETAILS
CA90	MAILBOX DETAILS

CONSTRUCTION AREA SIGNS:

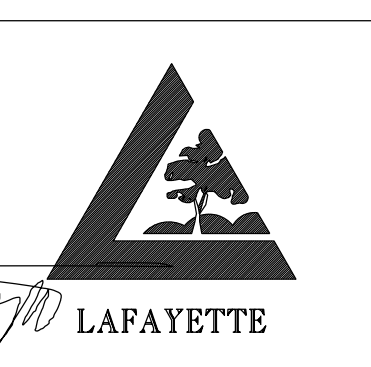
SYMBOL	DESCRIPTION	SIZE	QUANTITY
G 20-2	"END ROAD WORK"	42"X18"	2
W 20-1	"ROAD WORK AHEAD"	36"X36"	2
C-FI	PROJECT IDENTIFICATION AND FUNDING SIGN	48"X36"	2

SHEET INDEX:

NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS
3	CONSTRUCTION DETAILS
4-5	PLAN AND PROFILE
6-7	CROSS SECTIONS
8	TRAFFIC CONTROL DETAIL

DATE	MARK	REVISION	INIT.

Designed by: JML
 Drawn by: JML
 Checked by: JML
 Reviewed by: TC
 Date: 12-5-14



3675 Mount Diablo Boulevard, Suite 210
 Lafayette, California, 94549-1968
 (925) 299-3217 Fax (925) 284-3169
 www.ci.lafayette.ca.us

REVIEWED BY:
 CITY OF LAFAYETTE

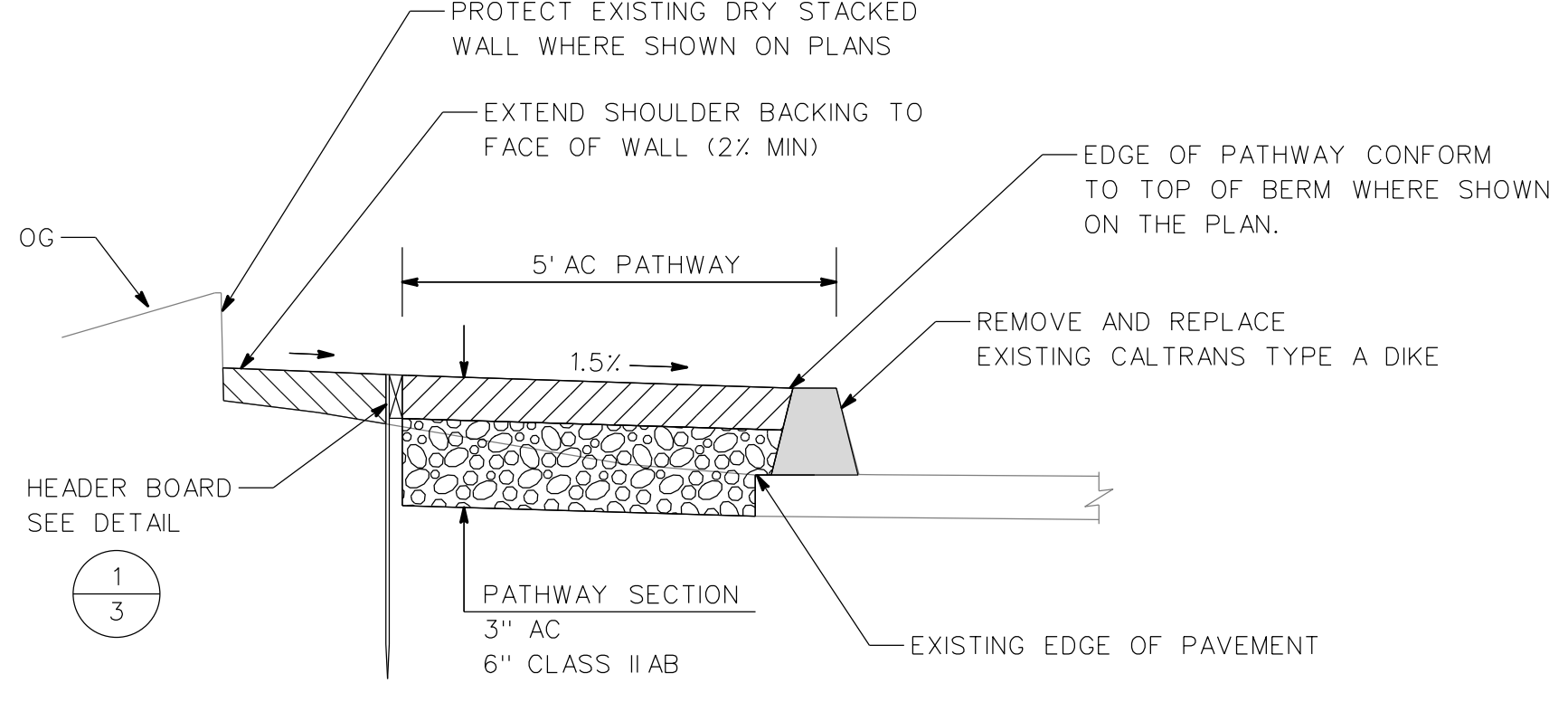
Tony Coe, Engineering Services Manager
 Date: 12-5-14

CITY OF LAFAYETTE
 PROJECT NO. 014-9703
 2015 HAPPY VALLEY ROAD
 WALKWAY PROJECT

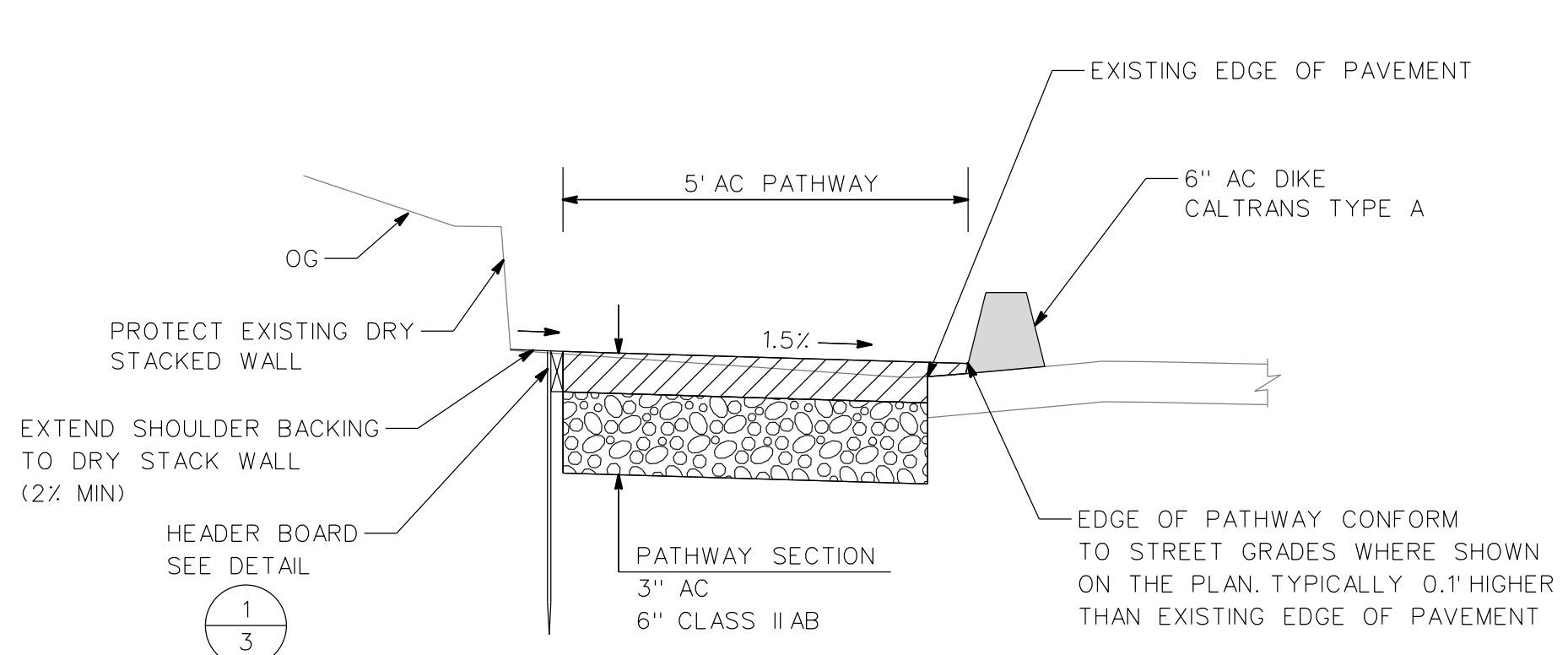
CONTRA COSTA COUNTY CALIFORNIA

TITLE SHEET AND
 CONSTRUCTION AREA SIGNS

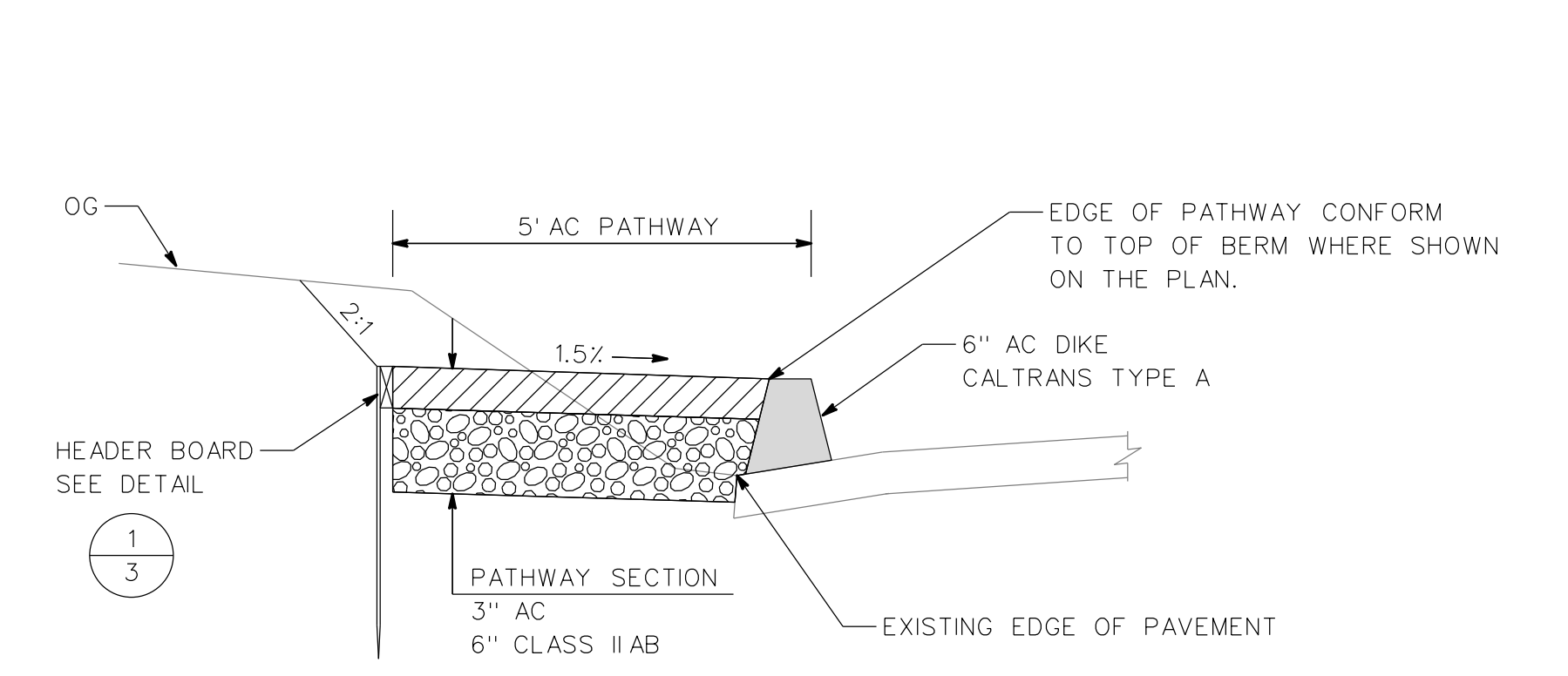
SCALE: NTS SHEET 1 of 8



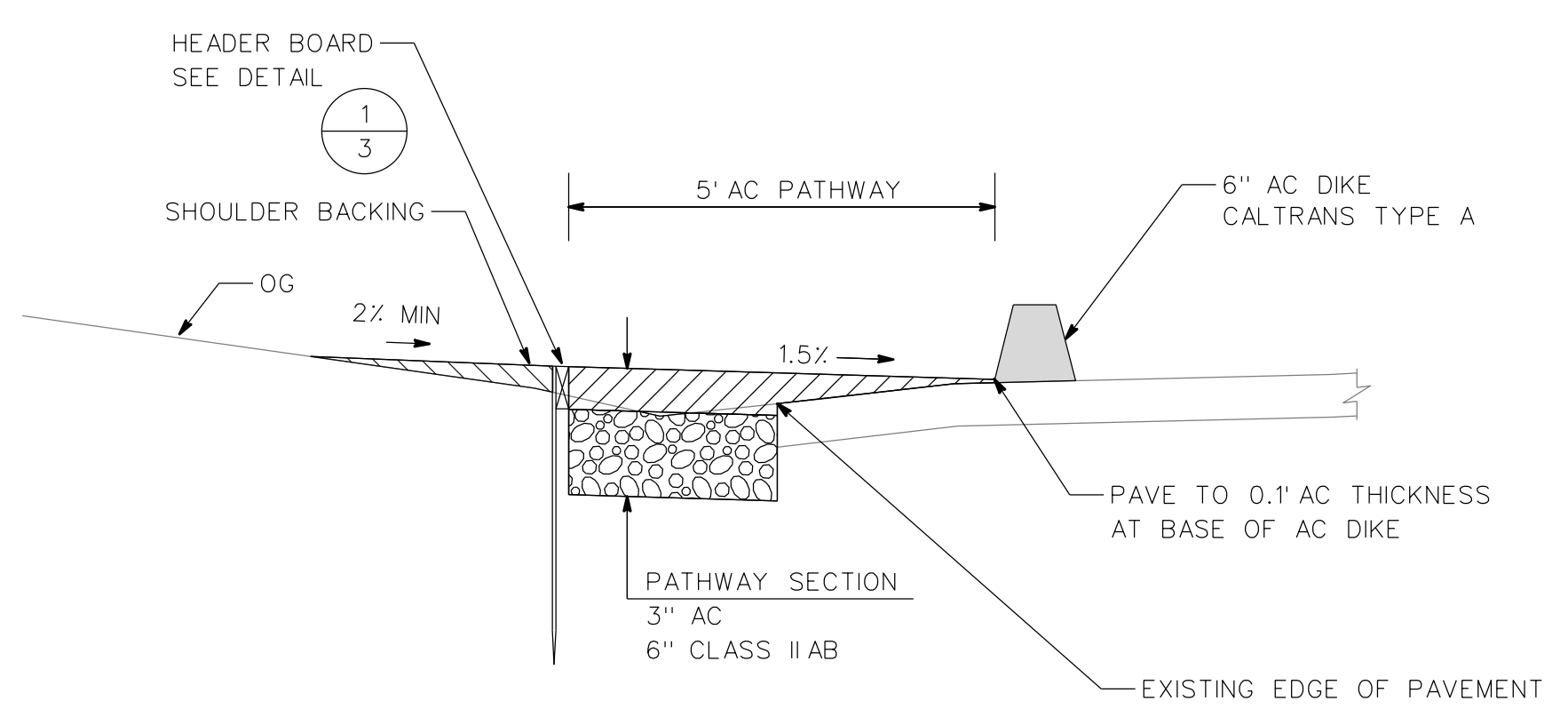
A TYPICAL SECTION
2 STA 10+27± TO STA 10+62±



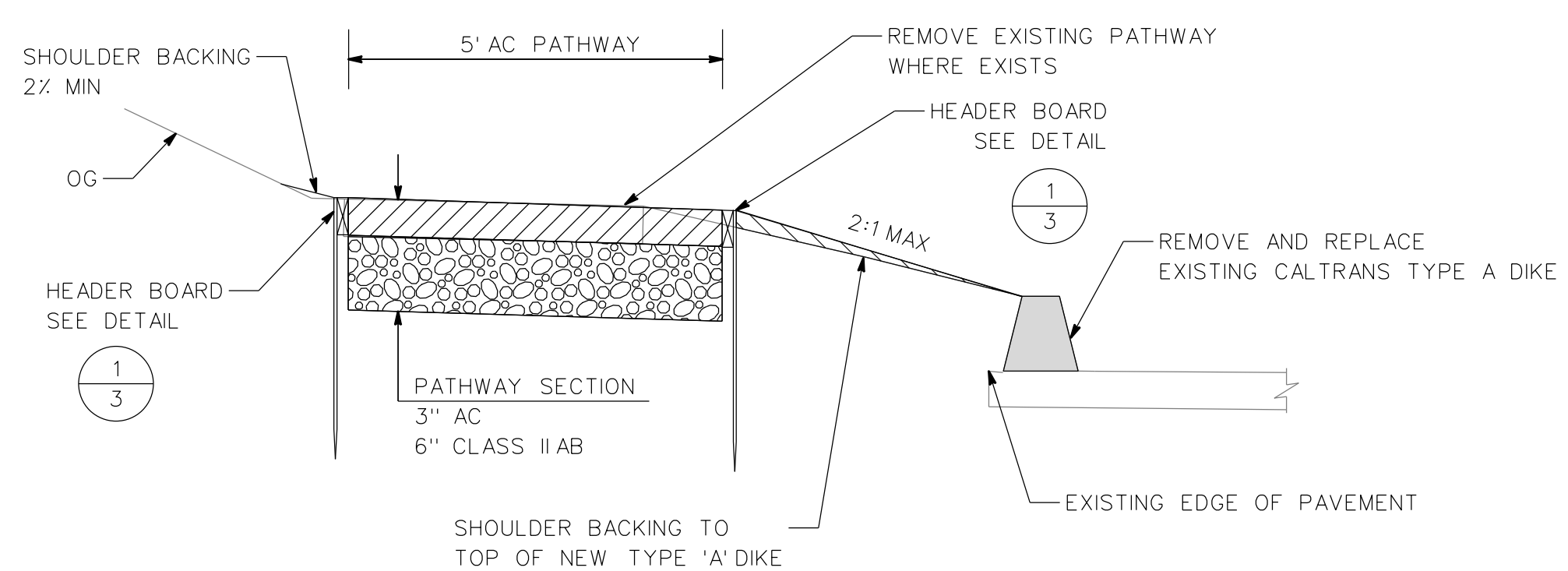
B TYPICAL SECTION
2 STA 10+62± TO STA 11+75±



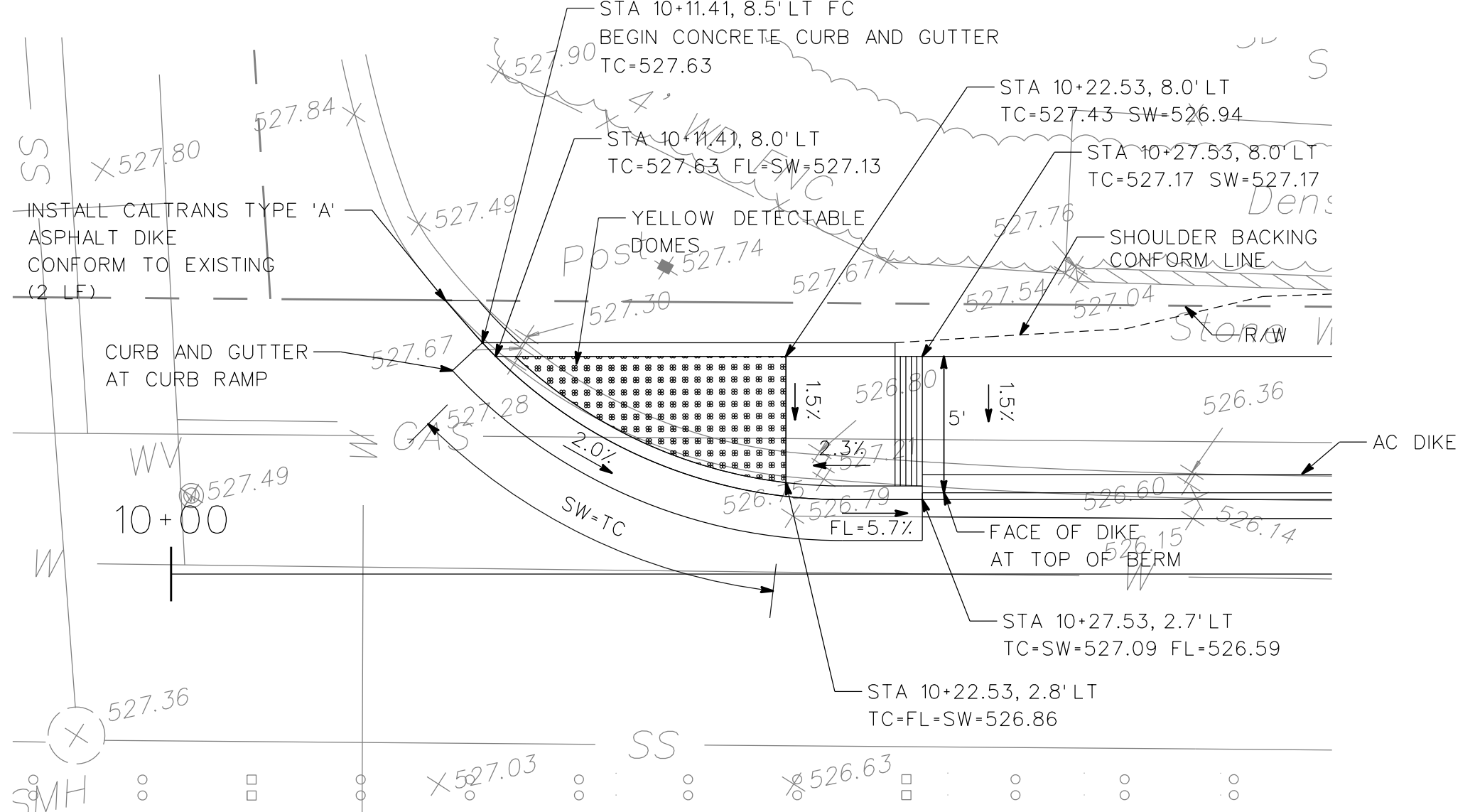
C TYPICAL SECTION
2 STA 11+75± TO STA 12+52±



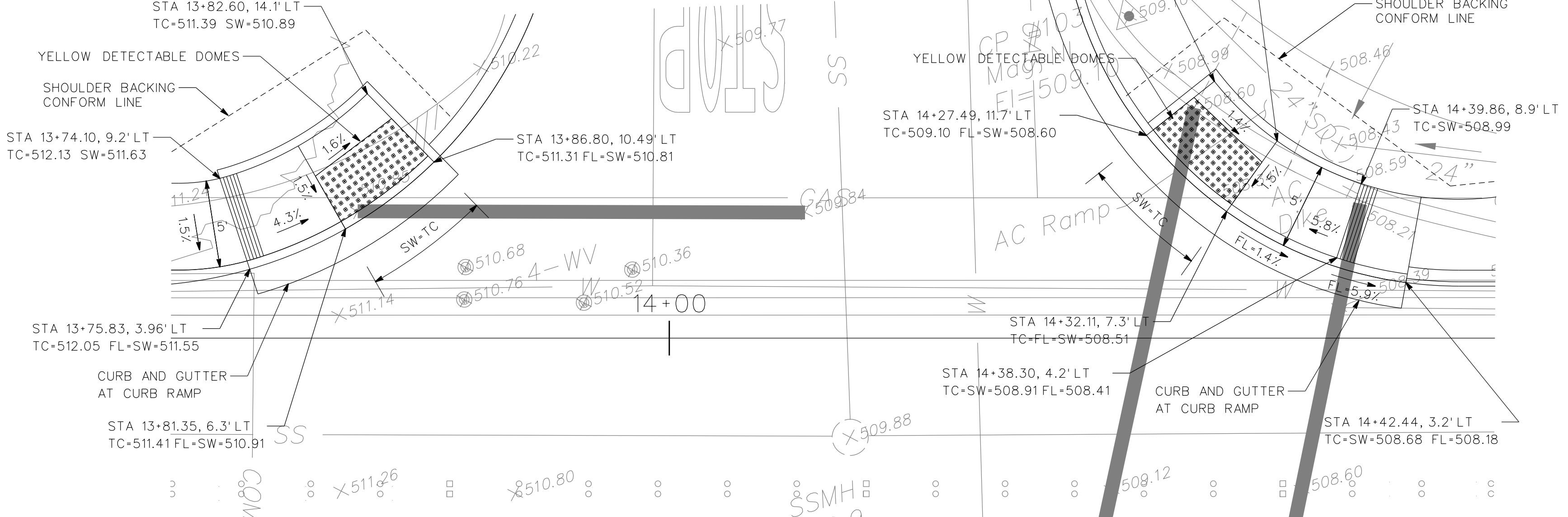
D TYPICAL SECTION
2 STA 12+52± TO STA 13+76±



E TYPICAL SECTION
2 STA 14+52± TO STA 14+62±



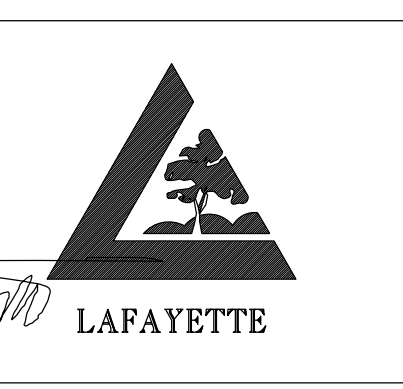
1 CONCRETE CURB RAMP AT REDWOOD LANE
2 NOTE: CONFORM PAVING NOT SHOWN SEE DETAIL



2 CONCRETE CURB RAMP AS PANORAMA DRIVE
2 NOTE: CONFORM PAVING NOT SHOWN SEE DETAIL

DATE	MARK	REVISION	INIT.

Designed by: JML
 Drawn by: JML
 Checked by: JML
 Reviewed by: TC
 Date: 12-5-14



3675 Mount Diablo Boulevard, Suite 210
 Lafayette, California, 94549-1968
 (925) 299-3217 Fax (925) 284-3169
 www.ci.lafayette.ca.us

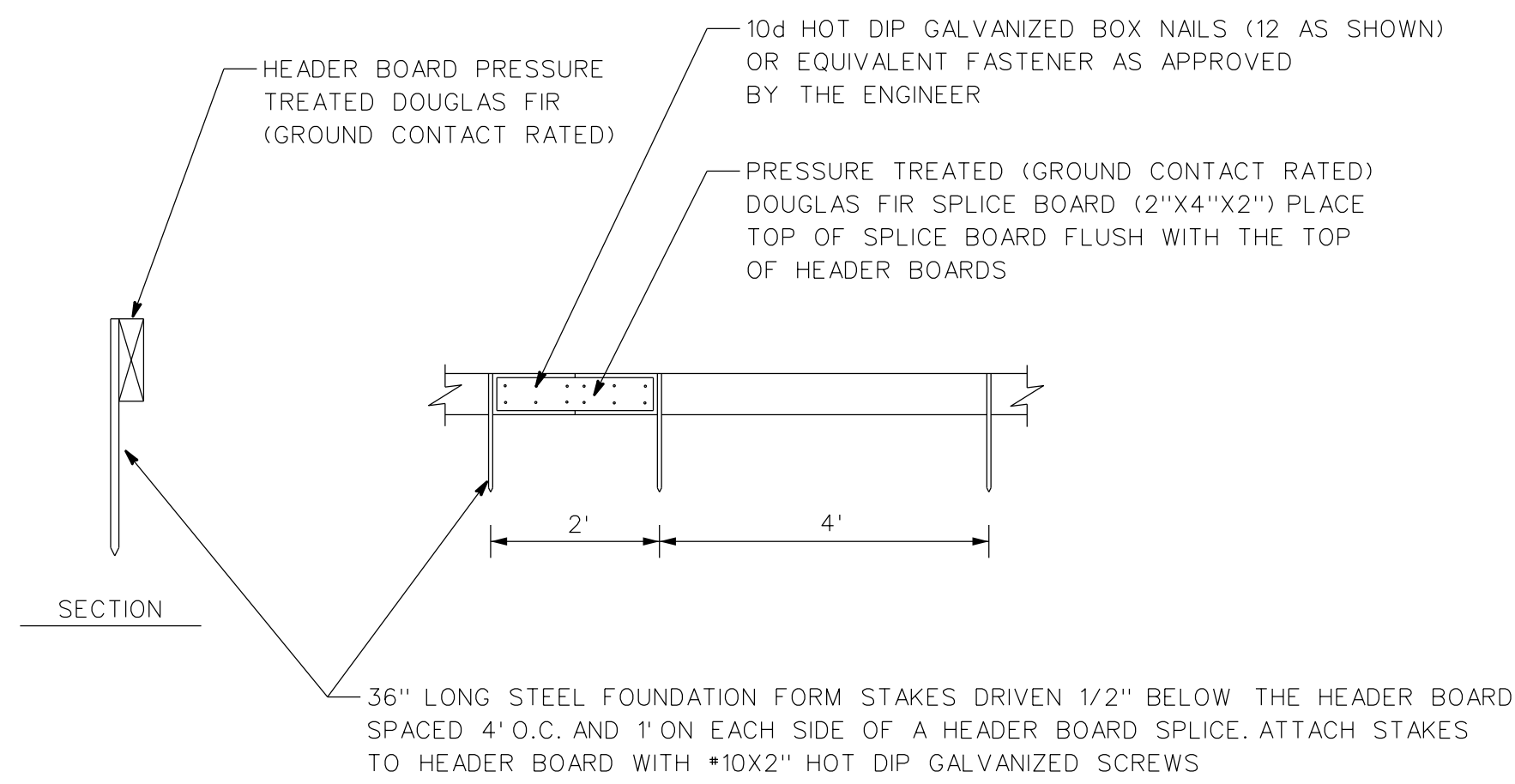
REVIEWED BY:
 CITY OF LAFAYETTE

Tony Coe, Engineering Services Manager
 Date: 12-5-14

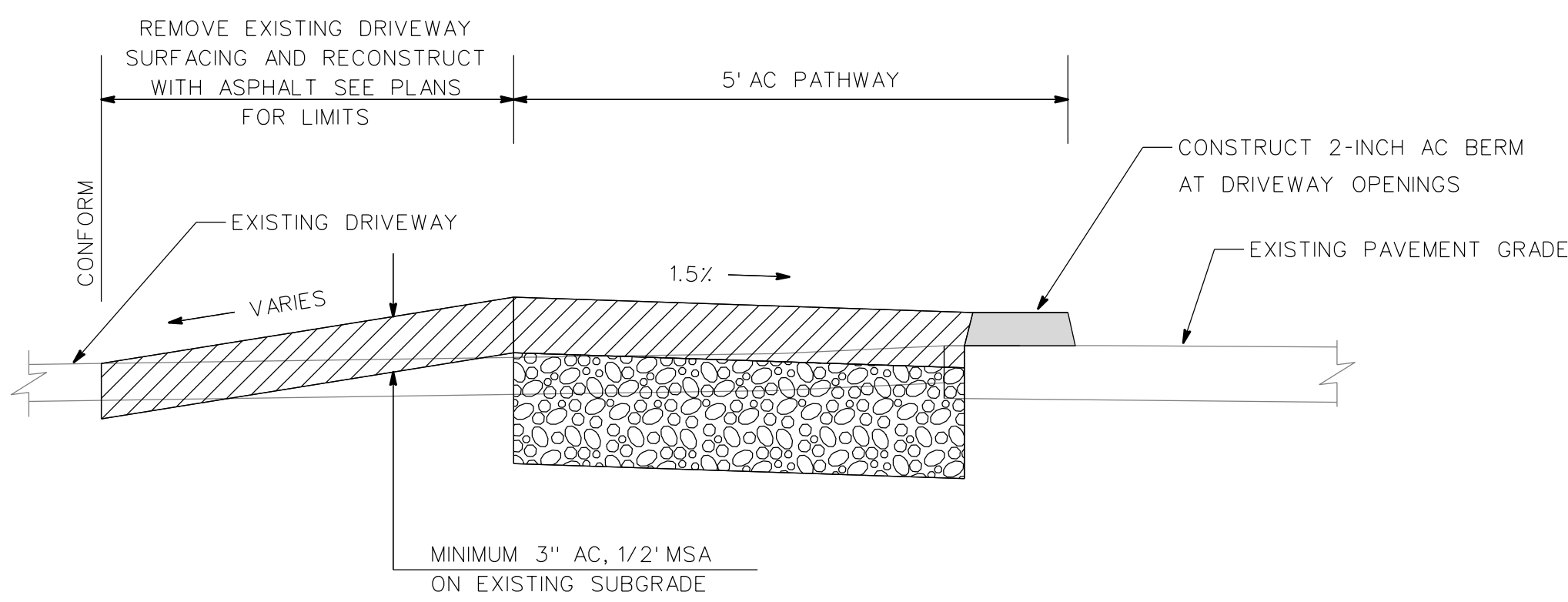
CITY OF LAFAYETTE
 PROJECT NO. 014-9703
 2015 HAPPY VALLEY ROAD
 WALKWAY PROJECT
 CONTRA COSTA COUNTY CALIFORNIA

TYPICAL SECTIONS
 AND
 CONSTRUCTION DETAILS

SCALE: NTS SHEET 2 of 8

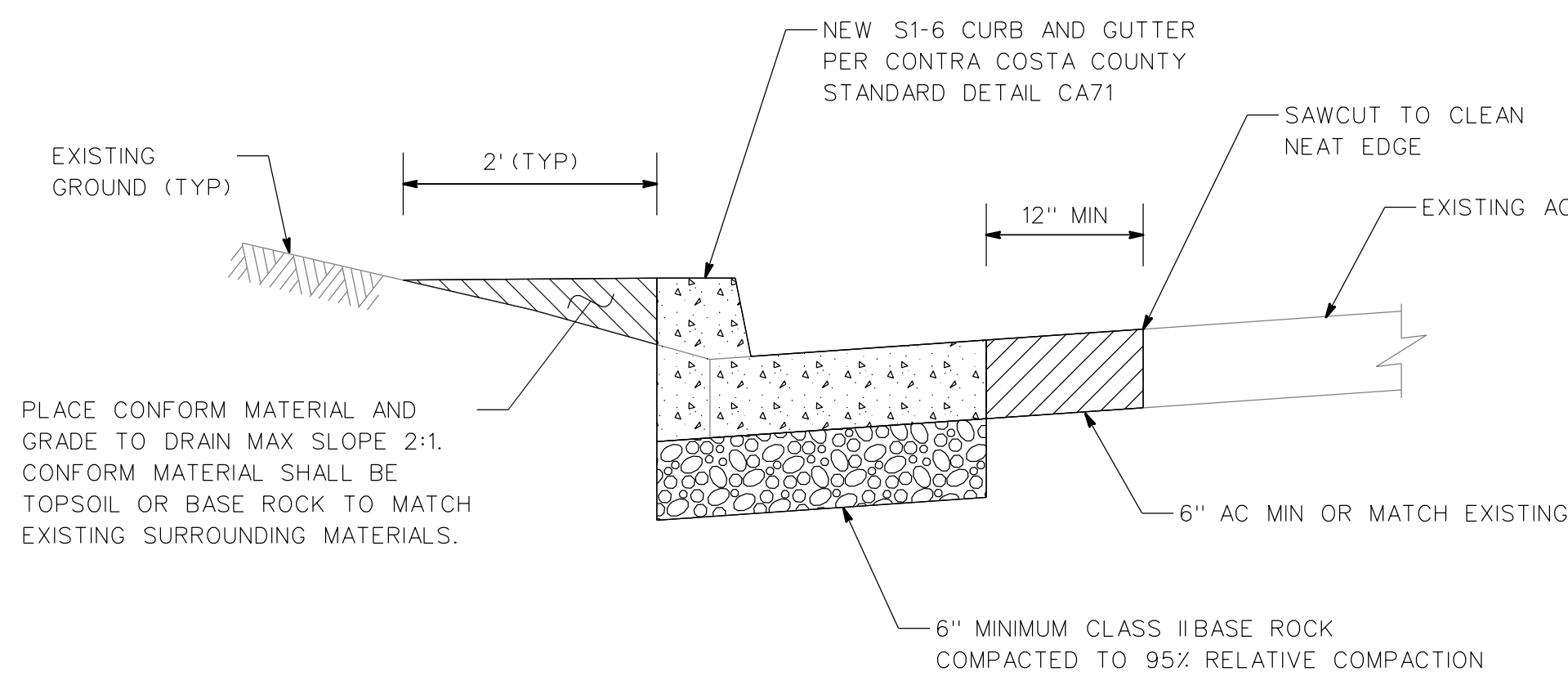


1
3
HEADER BOARD
NTS

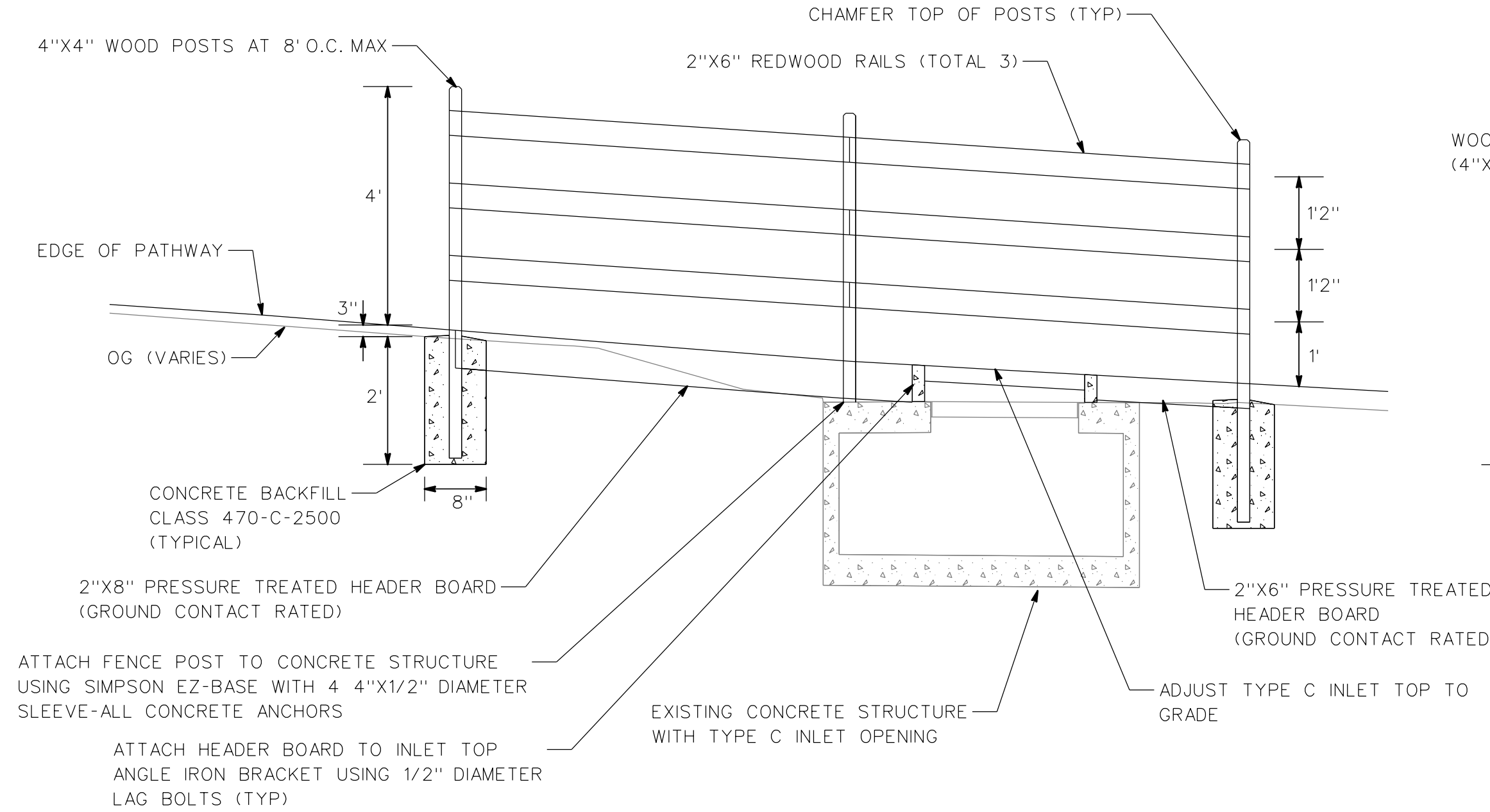


NOTE: ASPHALT CONFORMS SHALL BE PLACED CONCURRENTLY WITH ASPHALT PATHWAY PAVING OPERATION

3
3
TYPICAL DRIVEWAY CONFORM PAVING
NTS

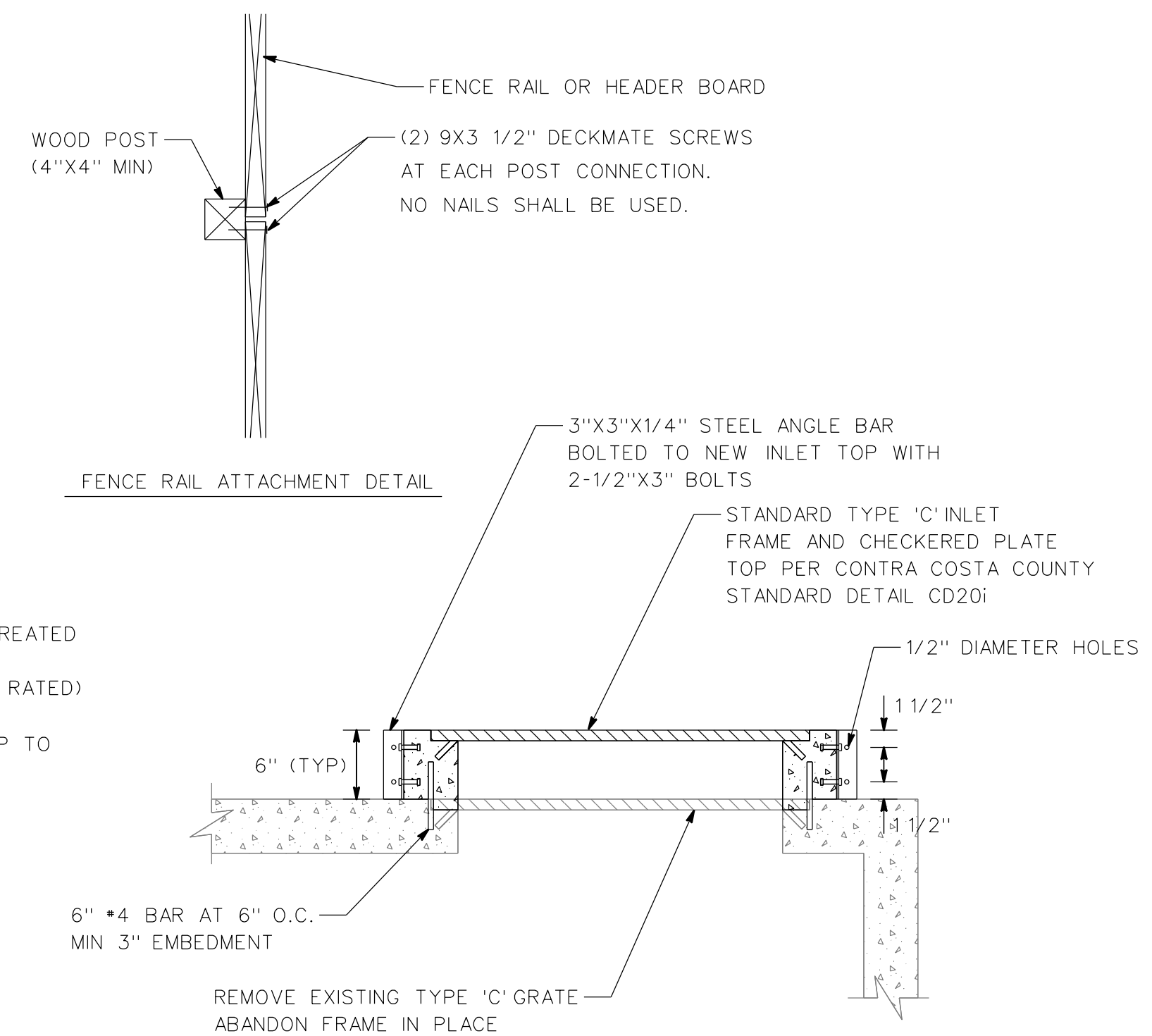


4
3
NEW CURB AND GUTTER
NTS

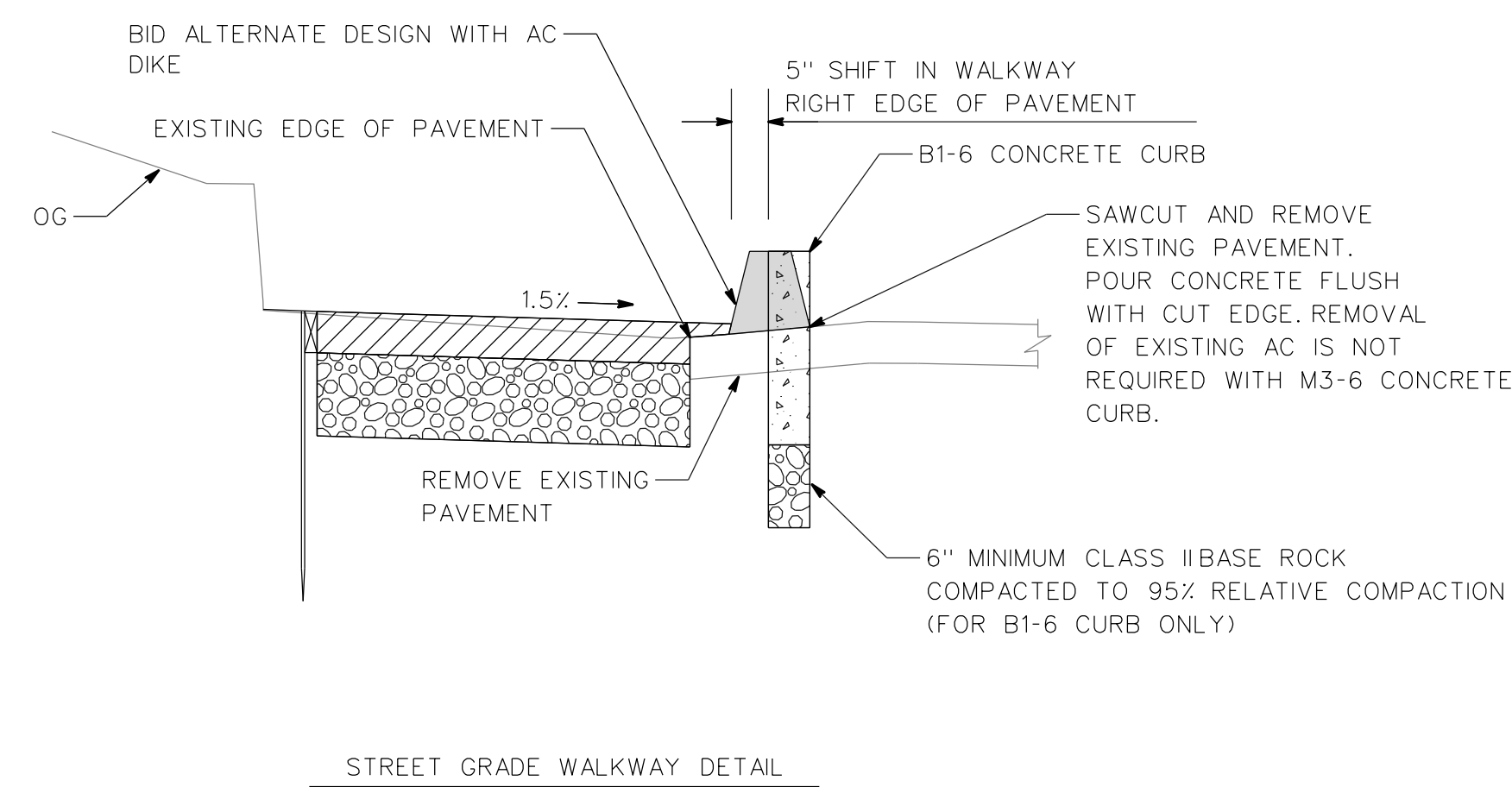


NOTE: ALL WOOD FENCE AND RAILING COMPONENTS SHALL BE CONSTRUCTION HEART REDWOOD AND TREATED WITH "CABOTS CLEAR SOLUTION" WATER SEALER PRIOR TO FABRICATION
TOP OF HEADER BOARD SHALL MATCH GRADE AT THE EDGE OF PATHWAY

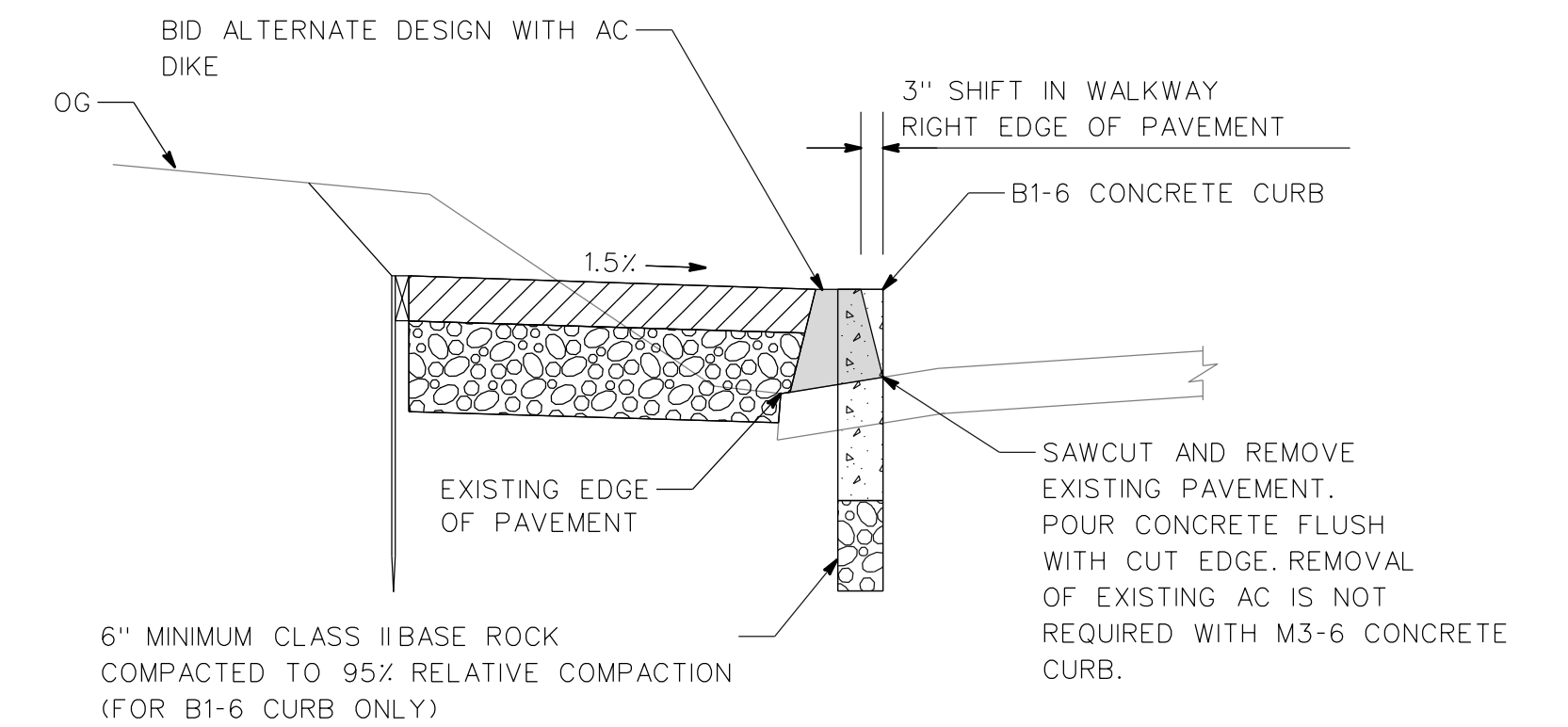
2
3
3-RAIL FENCE WITH HEADER BOARD AND RECONSTRUCT TYPE 'C' TOP
NTS



RECONSTRUCT TYPE 'C' TOP DETAIL



STREET GRADE WALKWAY DETAIL



ELEVATED WALKWAY DETAIL

NOTE THE FACE OF THE CONCRETE CURB WILL ALIGN WITH THE TOE/FLOW LINE OF THE BID ALTERNATE DESIGN FOR ASPHALT DIKE. THE DIFFERENCE IN THE WIDTH OF THE DIKE VS THE WIDTH OF THE CURB WILL SHIFT THE RIGHT EDGE OF PAVEMENT OF THE WALKWAY TOWARD THE STREET THE STREET AS INDICATED IN THE ABOVE DETAILS.

5
3
WALKWAY ALIGNMENT SHIFT REQUIRED FOR CONCRETE CURB
NTS

DATE	MARK	REVISION	INIT.

Designed by: JML
 Drawn by: JML
 Checked by: JML
 Reviewed by: TC
 Date: 12-5-14

SIGN:
 DATE: 12-5-14



3675 Mount Diablo Boulevard, Suite 210
 Lafayette, California, 94549-1968
 (925) 299-3217 Fax (925) 284-3169
 www.ci.lafayette.ca.us

REVIEWED BY:
 CITY OF LAFAYETTE

Tony Coe, Engineering Services Manager
 12-5-14
 Date

CITY OF LAFAYETTE
 PROJECT NO. 014-9703
 2015 HAPPY VALLEY ROAD
 WALKWAY PROJECT

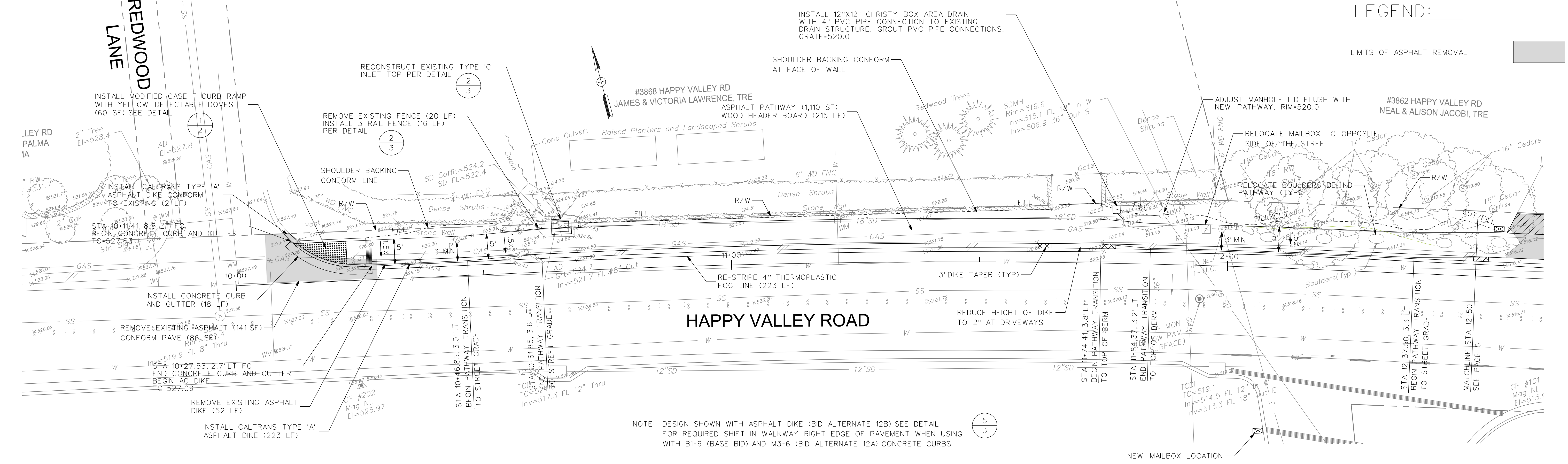
CONTRA COSTA COUNTY CALIFORNIA

CONSTRUCTION DETAILS

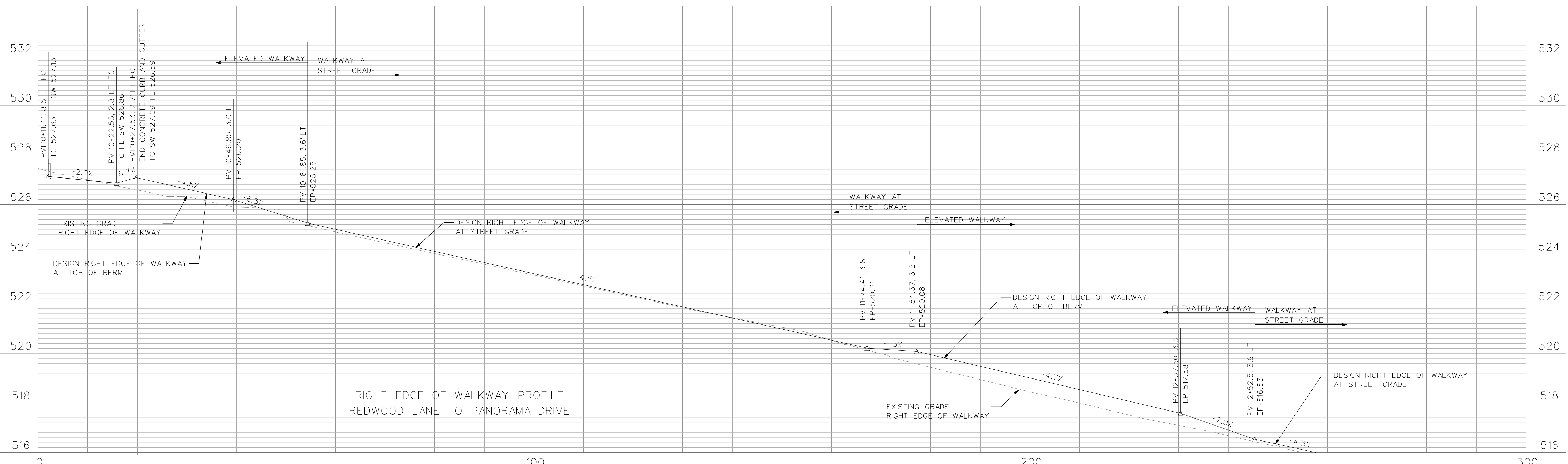
SCALE: NTS SHEET 3 of 8

LEGEND:

LIMITS OF ASPHALT REMOVAL

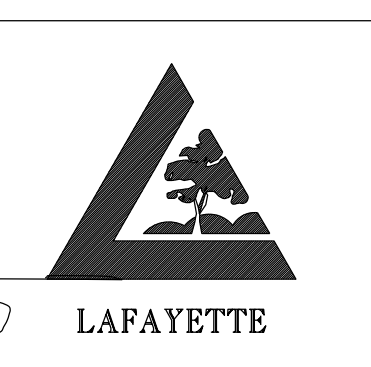


NOTE: DESIGN SHOWN WITH ASPHALT DIKE (BID ALTERNATE 12B) SEE DETAIL FOR REQUIRED SHIFT IN WALKWAY RIGHT EDGE OF PAVEMENT WHEN USING WITH B1-6 (BASE BID) AND M3-6 (BID ALTERNATE 12A) CONCRETE CURBS



DATE	MARK	REVISION	INIT.

Designed by: JML
 Drawn by: JML
 Checked by: JML
 Reviewed by: JML
 Date: 12-5-14
 SIGN:
 DATE: 12-5-14



3675 Mount Diablo Boulevard, Suite 210
 Lafayette, California, 94549-1968
 (925) 299-3217 Fax (925) 284-3169
 www.ci.lafayette.ca.us

REVIEWED BY:
 CITY OF LAFAYETTE

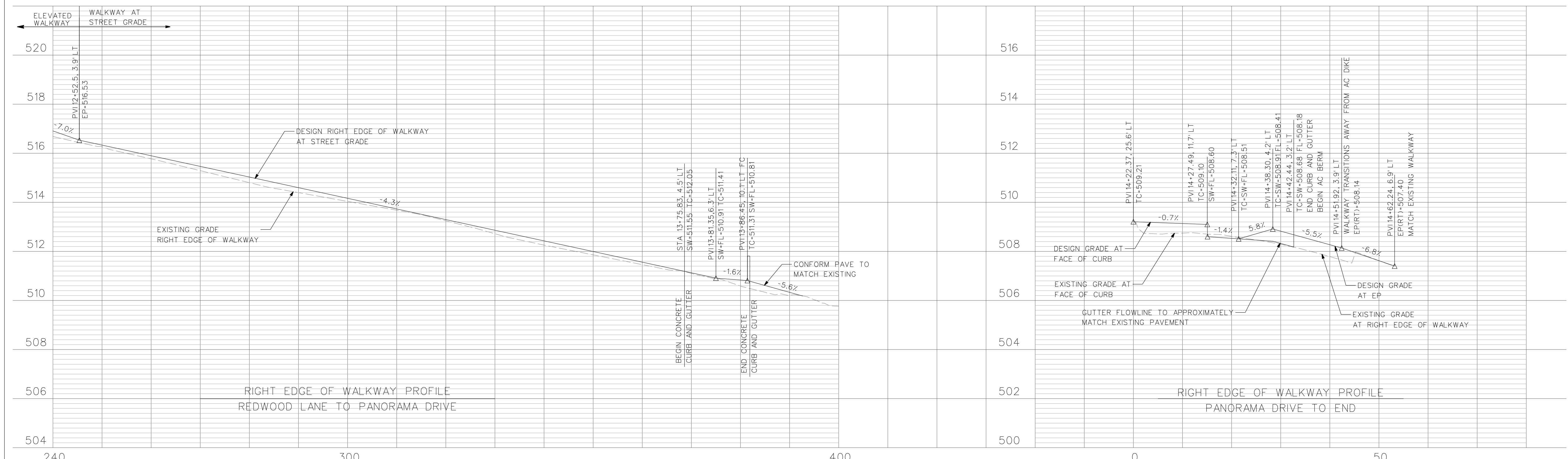
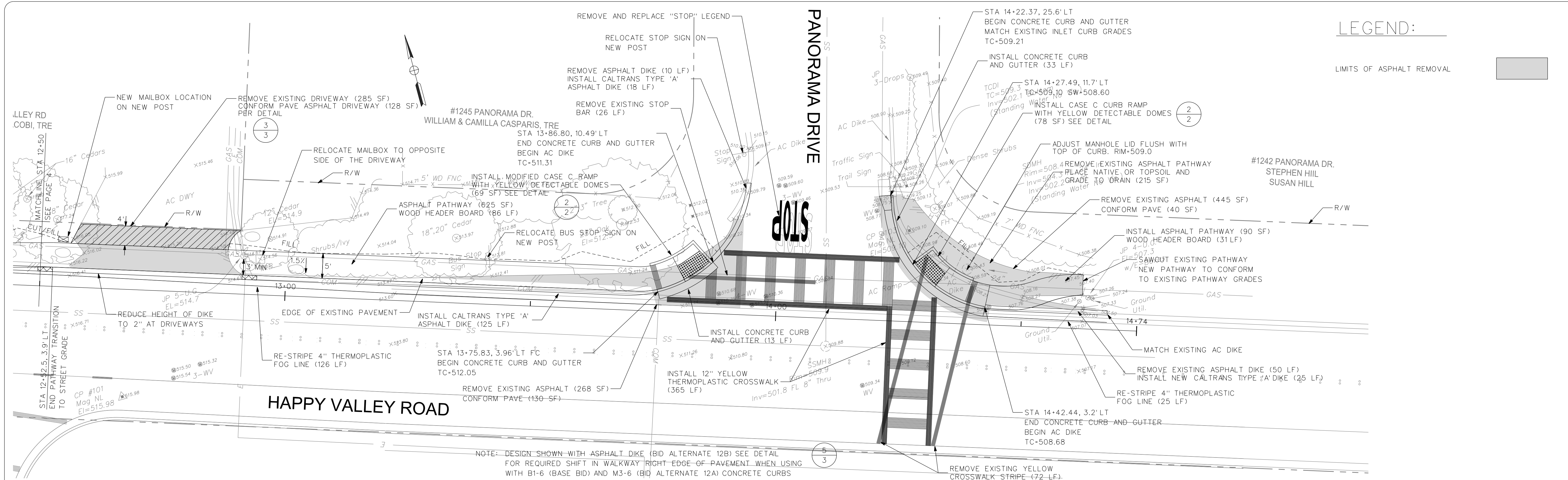
 Tony Coe, Engineering Services Manager
 Date: 12-5-14

CITY OF LAFAYETTE
 PROJECT NO. 014-9703
 2015 HAPPY VALLEY ROAD
 WALKWAY PROJECT
 CONTRA COSTA COUNTY CALIFORNIA

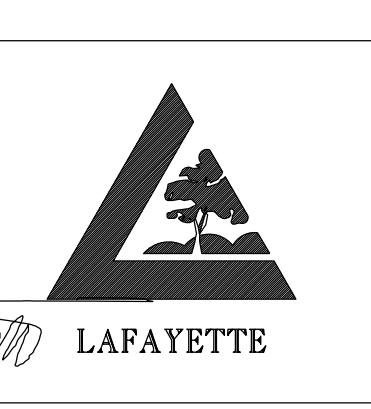
PLAN AND PROFILE
 SCALE: H:1"=10' V:1"=1'
 SHEET 4 of 8

LEGEND:

LIMITS OF ASPHALT REMOVAL



Designed by: JML
 Drawn by: JML
 Checked by: JML
 Reviewed by: TC
 Date: 12-5-14
 SIGN:
 DATE: 12-5-14



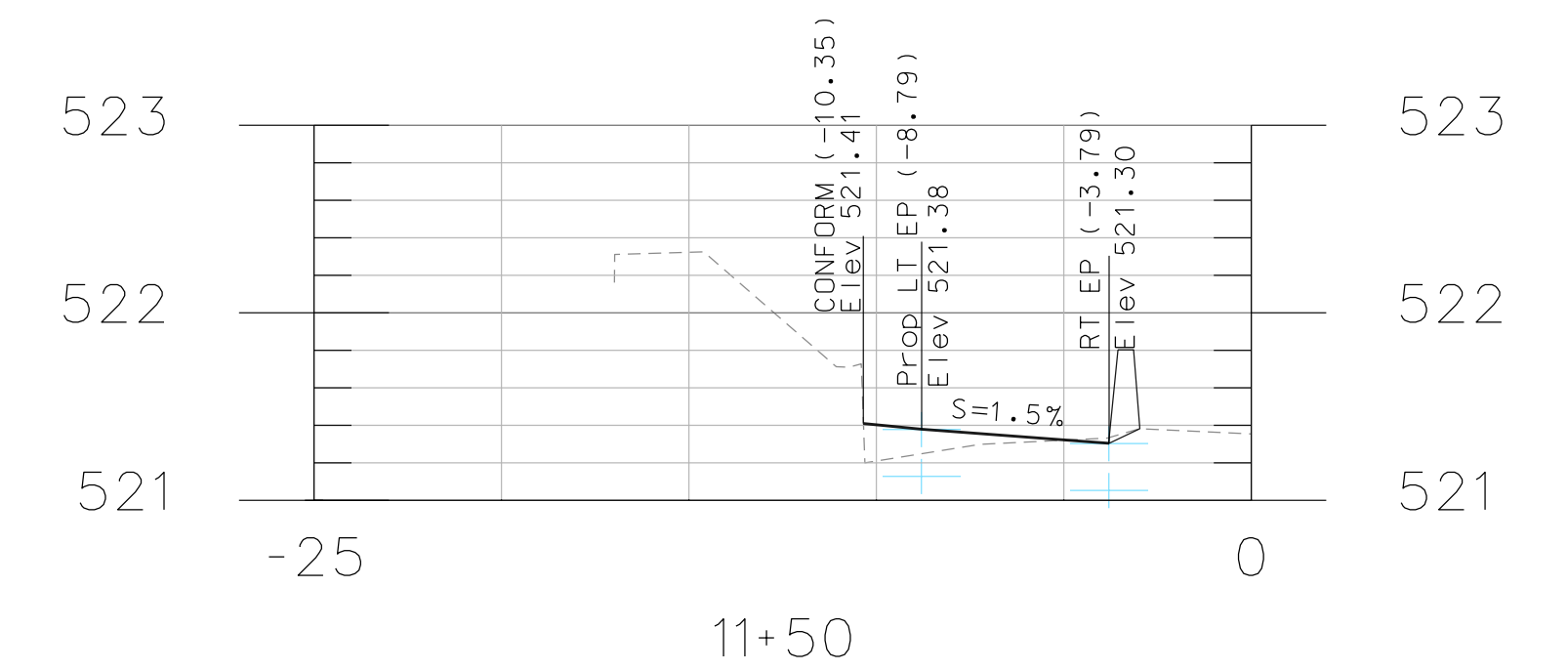
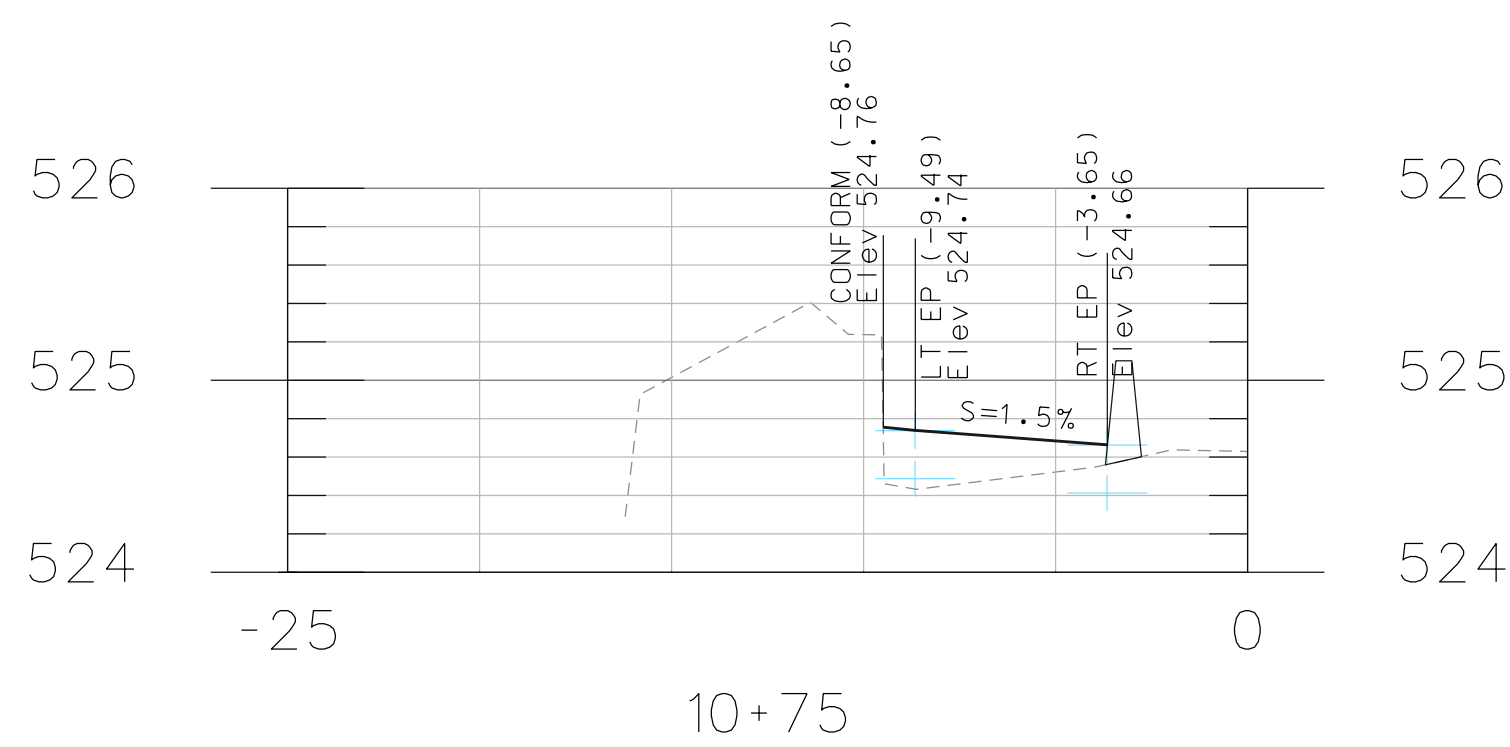
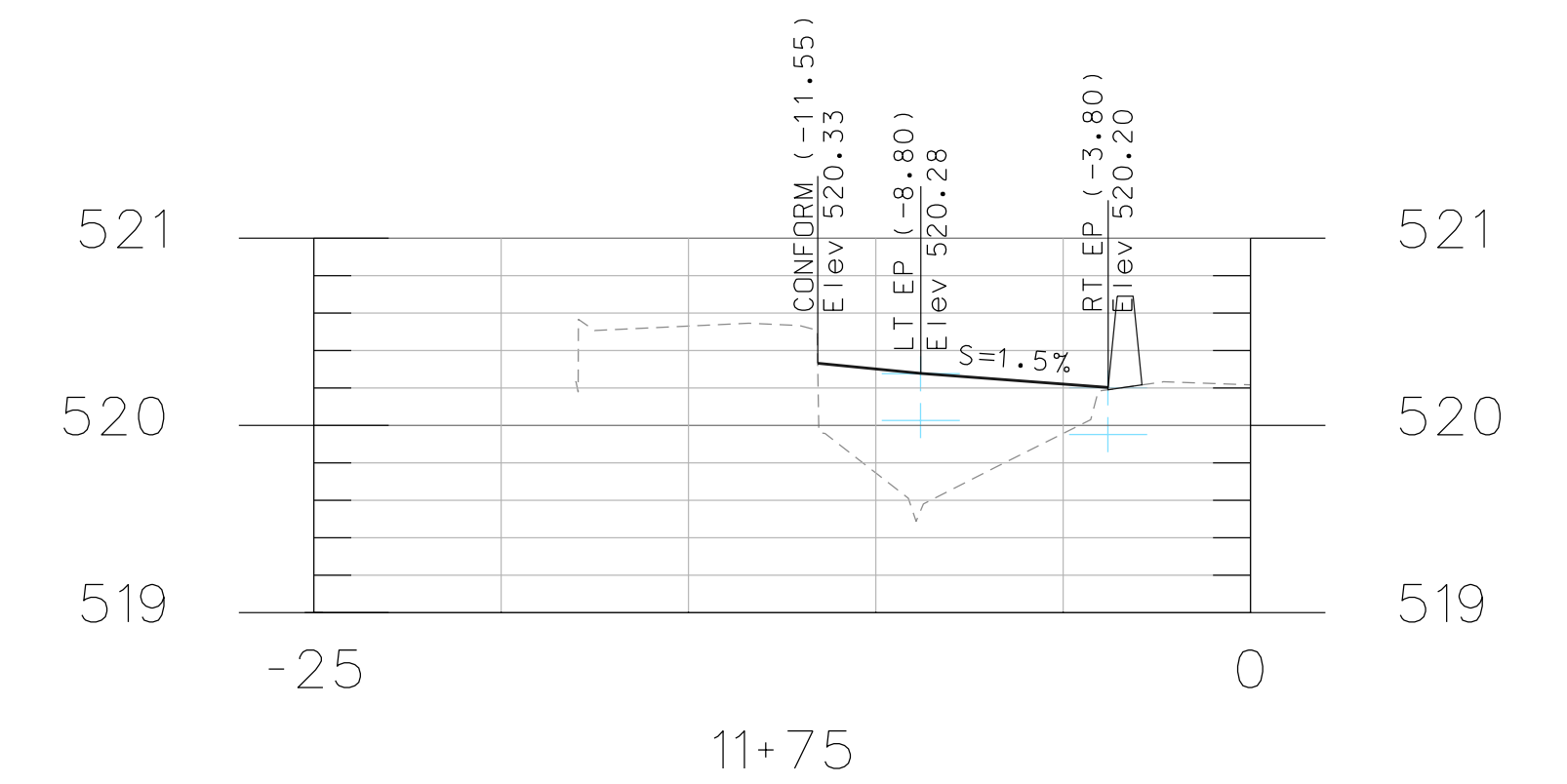
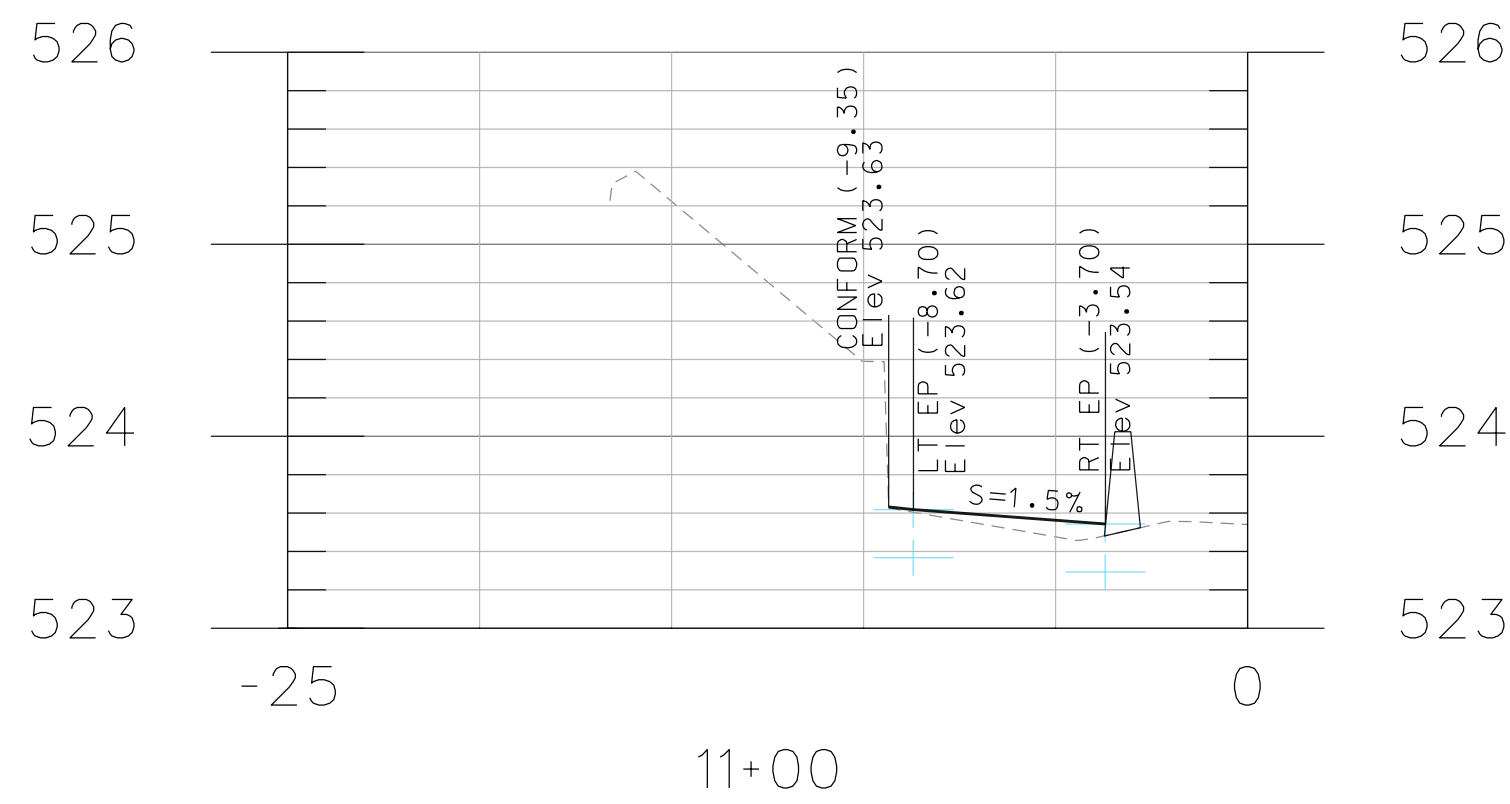
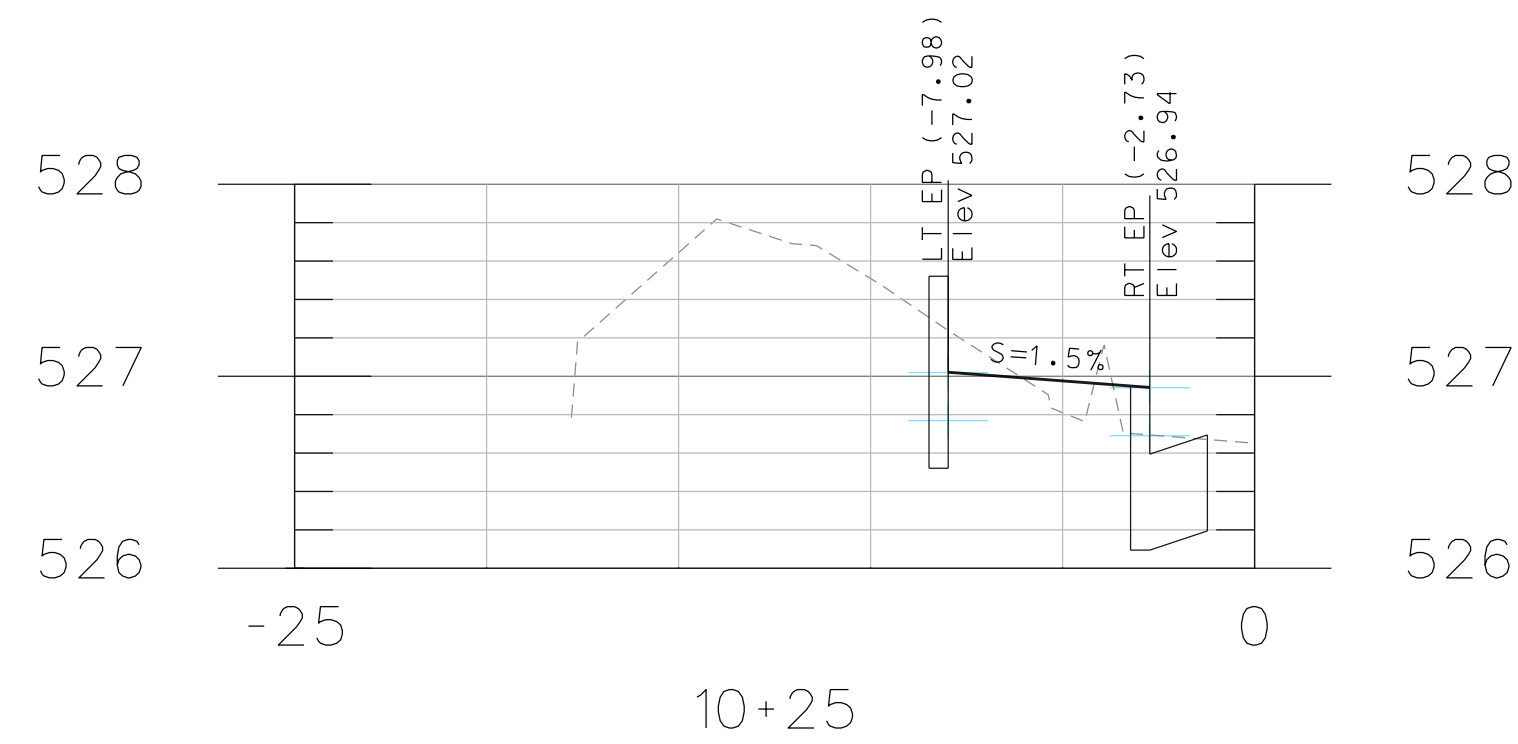
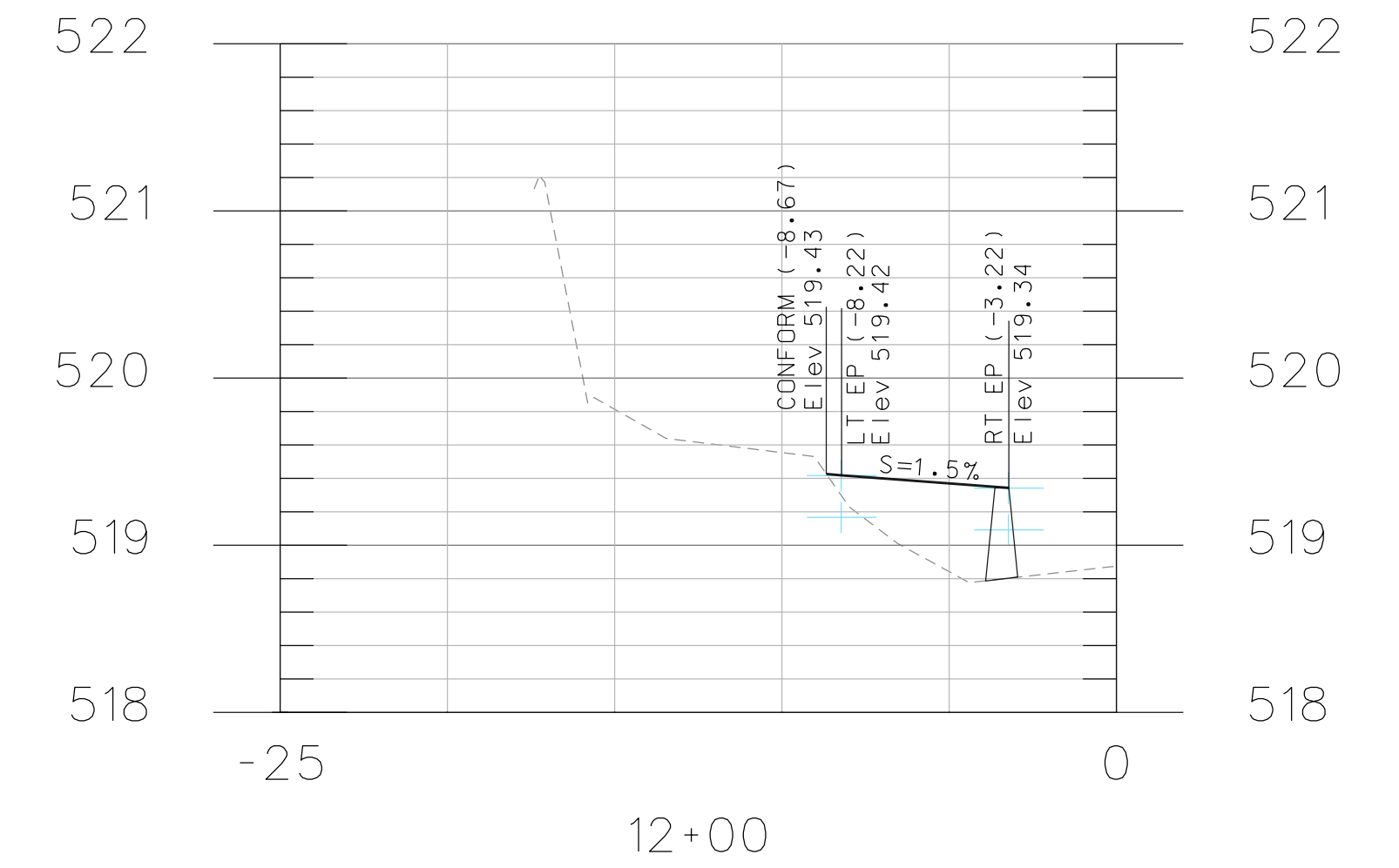
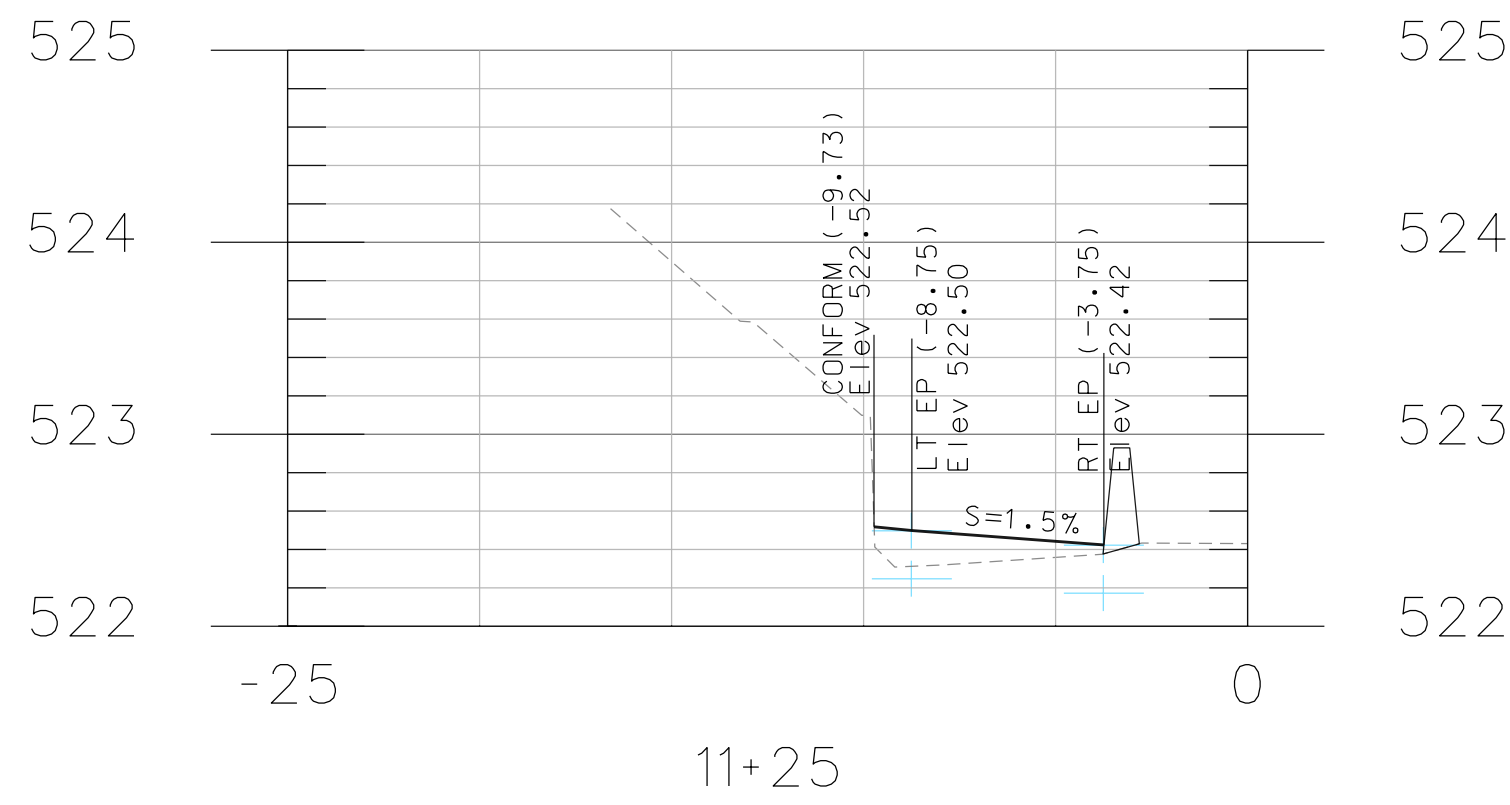
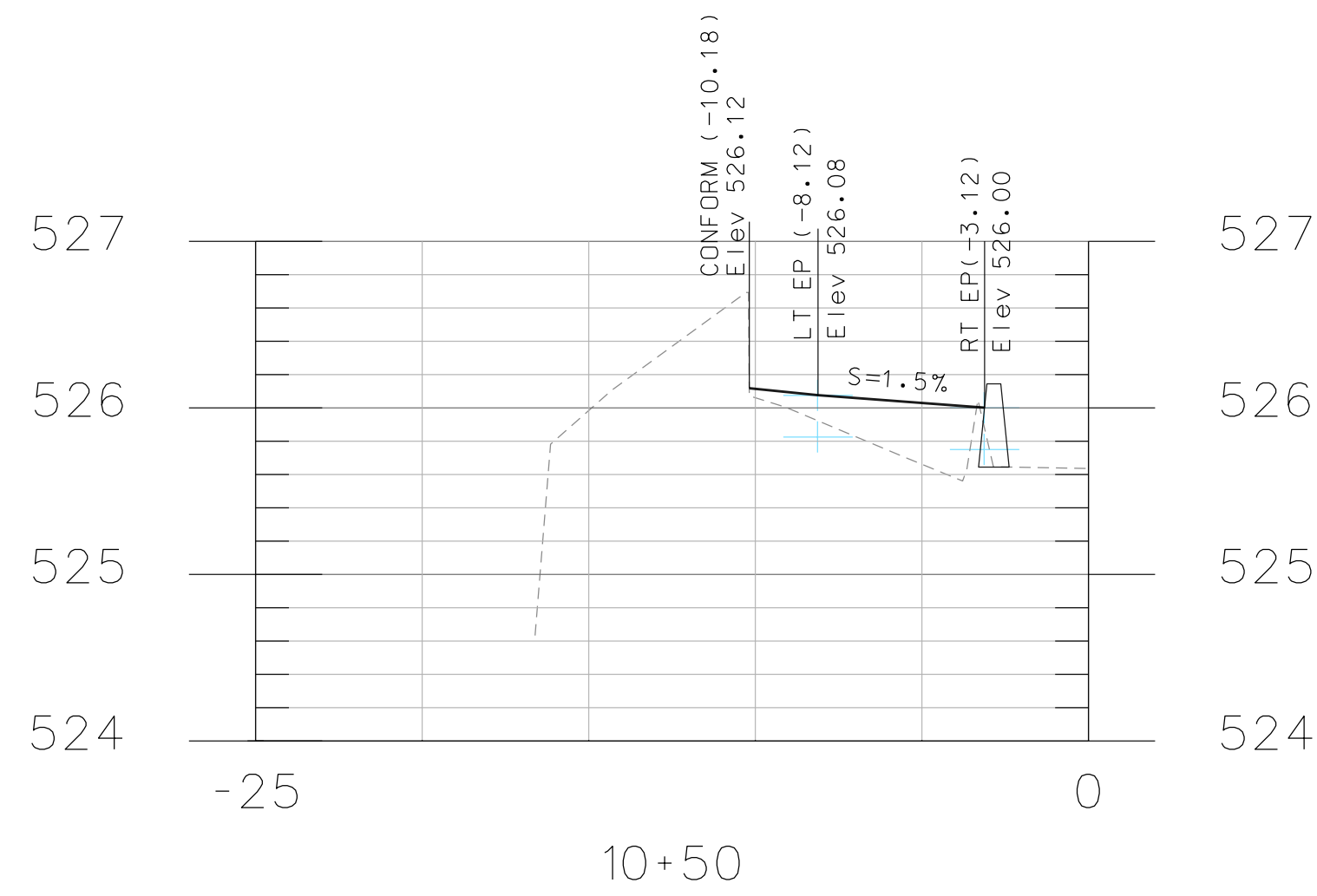
3675 Mount Diablo Boulevard, Suite 210
 Lafayette, California, 94549-1968
 (925) 299-3217 Fax (925) 284-3169
 www.ci.lafayette.ca.us

REVIEWED BY:
 CITY OF LAFAYETTE

 Tony Coe, Engineering Services Manager
 12-5-14
 Date

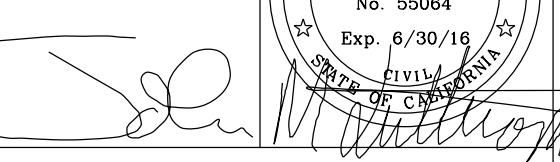
CITY OF LAFAYETTE
 PROJECT NO. 014-9703
 2015 HAPPY VALLEY ROAD
 WALKWAY PROJECT
 CONTRA COSTA COUNTY CALIFORNIA

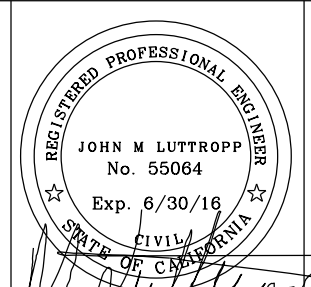
PLAN AND PROFILE
 SCALE: H:1"=10' V:1"=1'
 SHEET 5 of 8




DATE	MARK	REVISION	INIT.

Designed by: JML
 Drawn by: JML
 Checked by: JML
 Reviewed by: TC
 Date: 12-5-14

SIGN: 
 DATE: 12-5-14

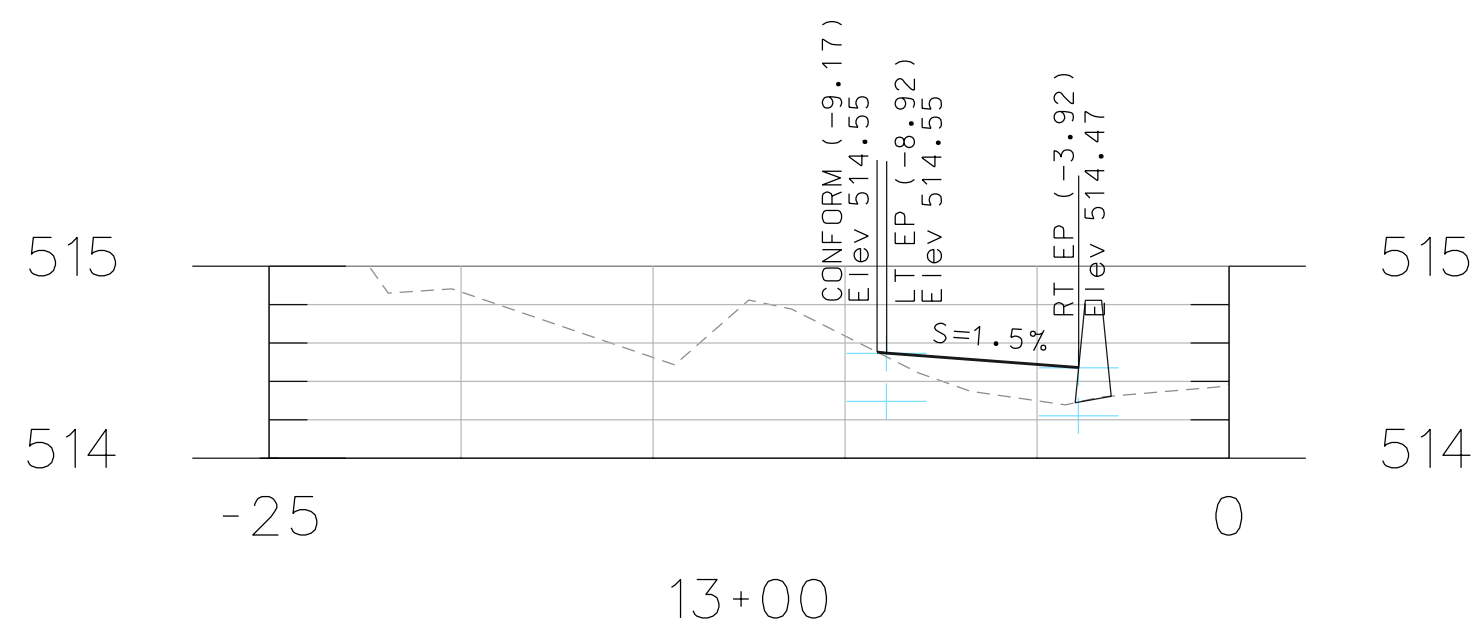
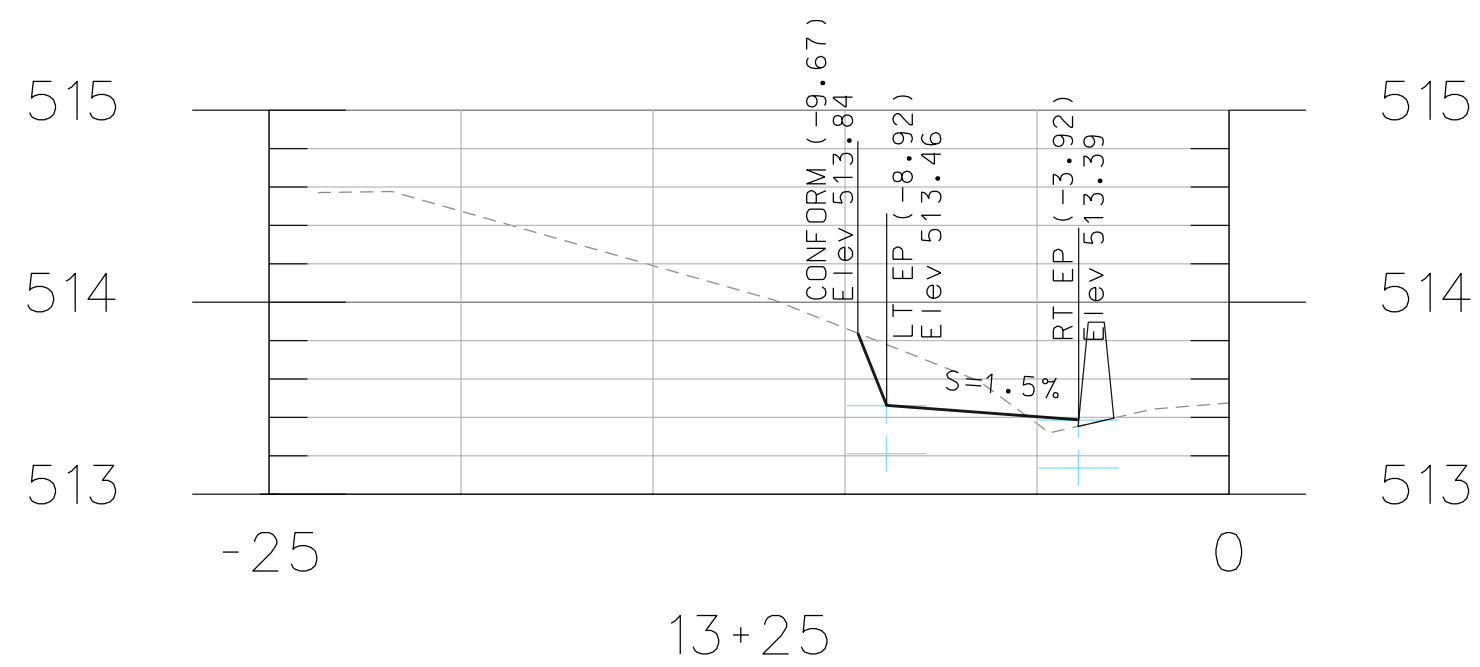
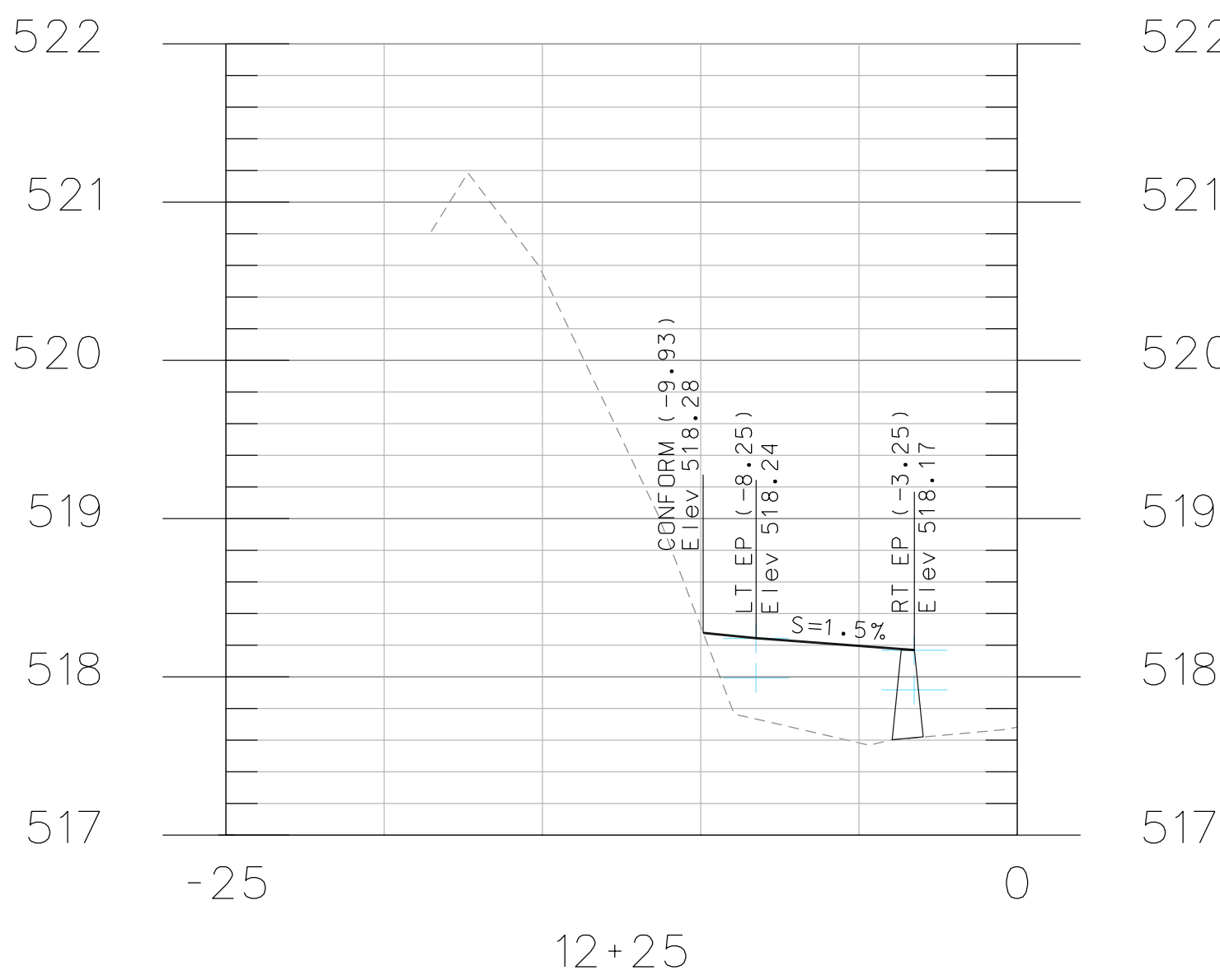
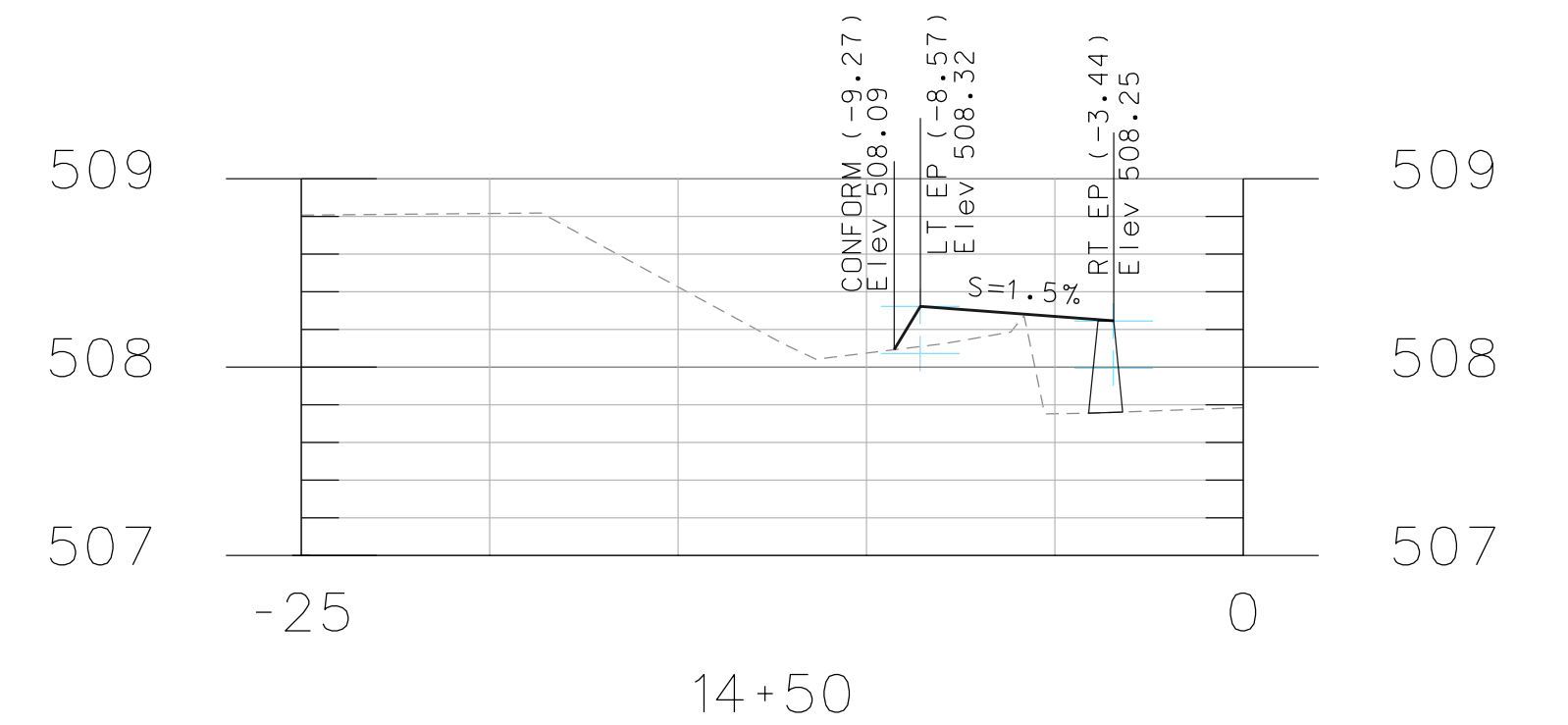
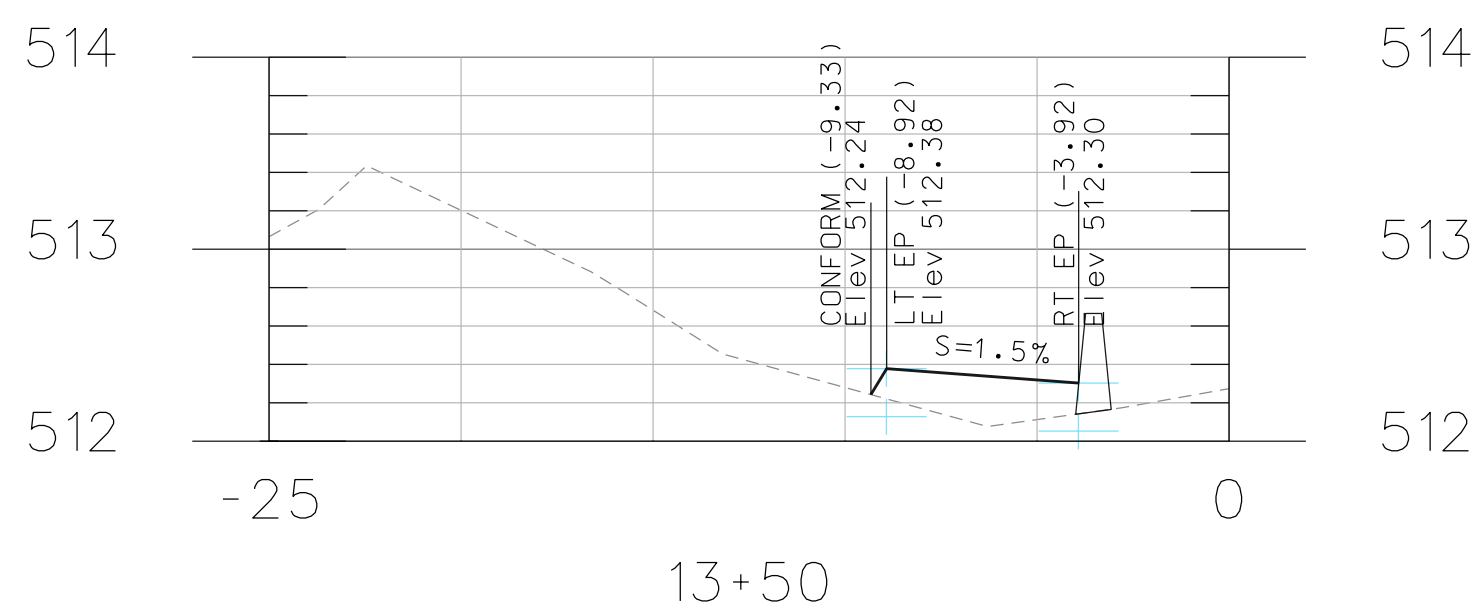
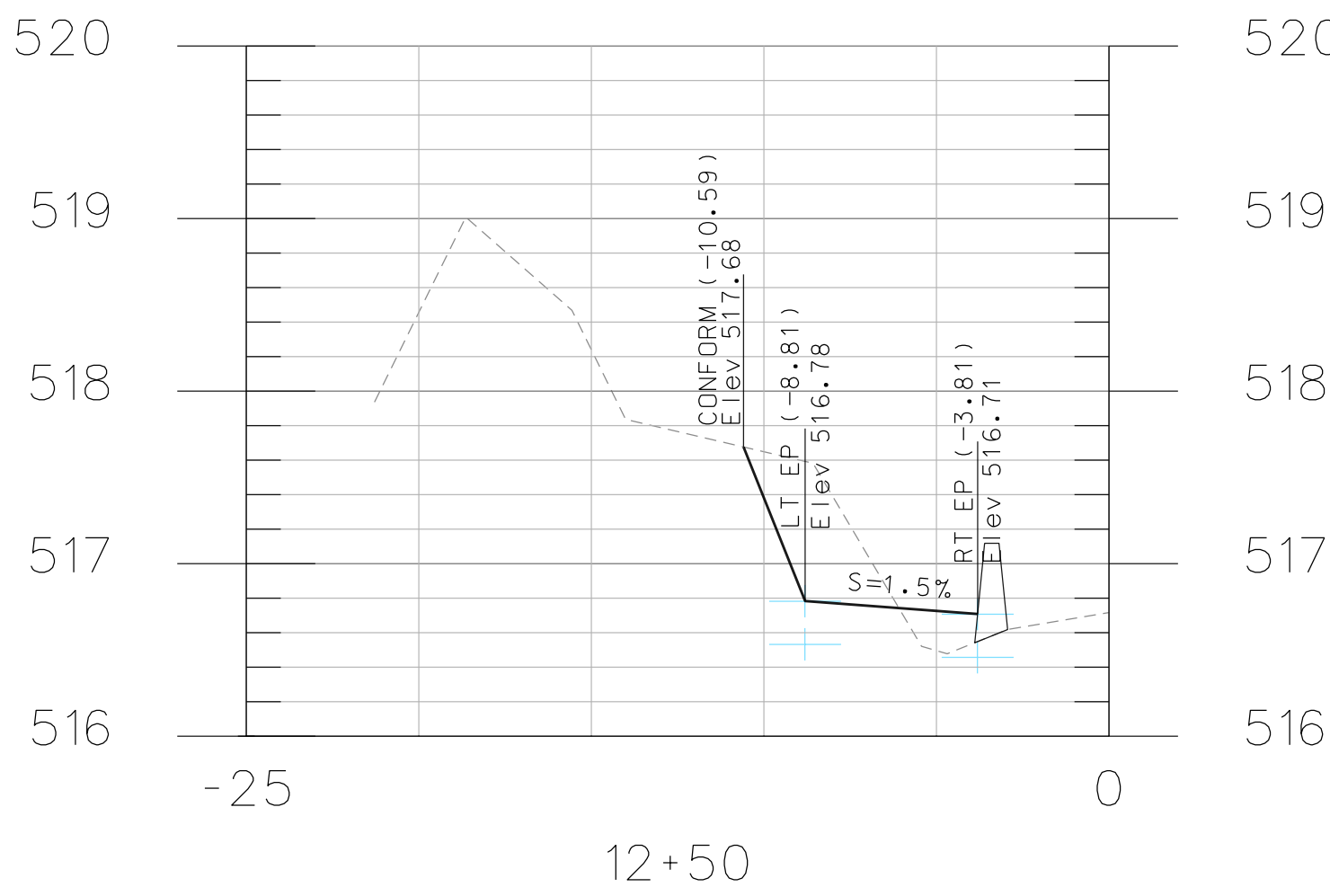
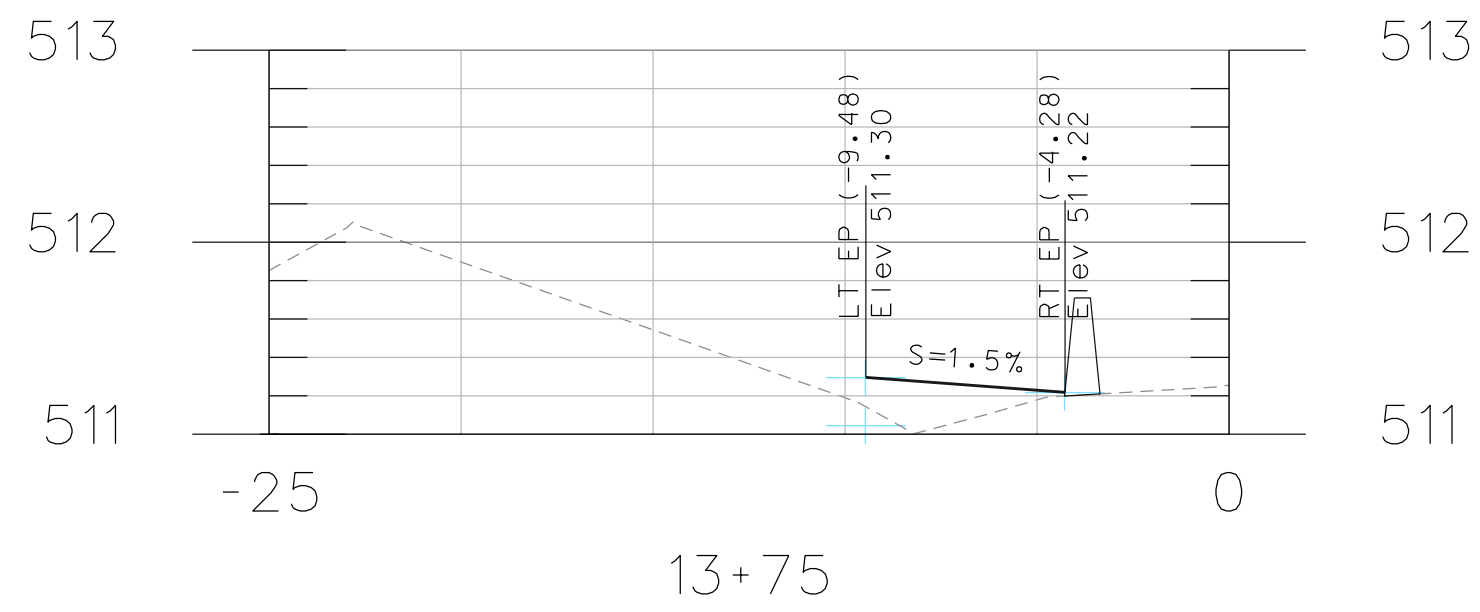
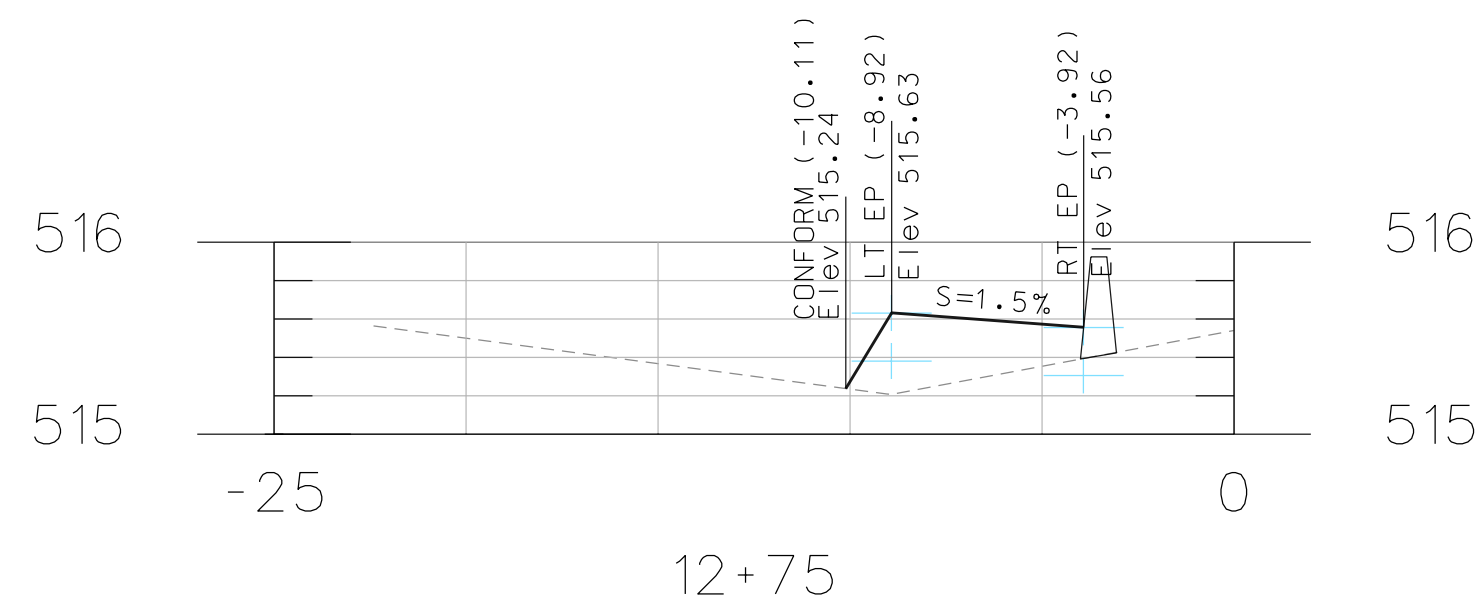


3675 Mount Diablo Boulevard, Suite 210
 Lafayette, California, 94549-1968
 (925) 299-3217 Fax (925) 284-3169
 www.ci.lafayette.ca.us

REVIEWED BY:
 CITY OF LAFAYETTE

 Tony Coe, Engineering Services Manager
 Date: 12-5-14


CITY OF LAFAYETTE
 PROJECT NO. 014-9703
 2015 HAPPY VALLEY ROAD
 WALKWAY PROJECT
 CONTRA COSTA COUNTY CALIFORNIA

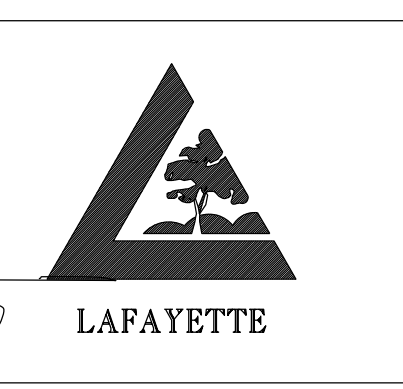
CROSS SECTIONS
 SCALE: H:1=5' V:1"=1'
 SHEET No. 6 of 8




DATE	MARK	REVISION	INIT.

Designed by: JML
 Drawn by: JML
 Checked by: JML
 Reviewed by: TC
 Date: 12-5-14

SIGN: 
 DATE: 12-5-14



3675 Mount Diablo Boulevard, Suite 210
 Lafayette, California, 94549-1968
 (925) 299-3217 Fax (925) 284-3169
 www.ci.lafayette.ca.us

REVIEWED BY:
 CITY OF LAFAYETTE

 Tony Coe, Engineering Services Manager
 Date: 12-5-14

CITY OF LAFAYETTE
 PROJECT NO. 014-9703
 2015 HAPPY VALLEY ROAD
 WALKWAY PROJECT
 CONTRA COSTA COUNTY CALIFORNIA

CROSS SECTIONS
 SCALE: H:1=5' V:1"=1'
 SHEET No. 7 of 8

REDWOOD
LANE

CONSTRUCTION WORK ZONE
CLOSED TO TRAFFIC

CONSTRUCTION WORK ZONE
CLOSED TO TRAFFIC

ONE WAY TRAFFIC CONTROL ZONE

EXISTING PARKING AREA SIGNED FOR NO PARKING

HAPPY VALLEY ELEMENTARY SCHOOL

SCHOOL DROP OFF AND PICK
UP AREA #1

MATCHLINE STA 13+75
SEE BELOW

NOTE: TRAFFIC CONTROL DETAIL SHALL BE SUPPLEMENTED WITH STANDARD TRAFFIC CONTROL
AND WORK ZONE SIGNAGE PER SECTION 6-12 "TRAFFIC CONTROL" OF THE GENERAL
PROVISIONS TO THE STANDARD SPECIFICATIONS.

PANORAMA
DRIVE

CONSTRUCTION WORK ZONE
CLOSED TO TRAFFIC

EXISTING PARKING AREA SIGNED FOR NO PARKING

HAPPY VALLEY ELEMENTARY SCHOOL

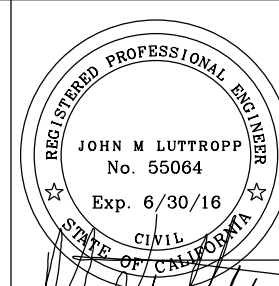
SCHOOL DROP OFF AND
PICK UP AREA #2

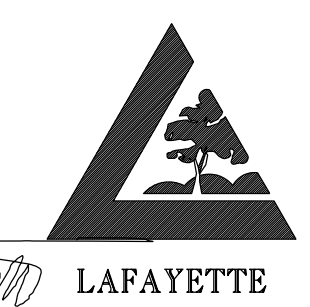
50' (MIN) TAPER

MATCHLINE STA 13+75
SEE ABOVE


DATE	MARK	REVISION	INIT.

Designed by: JML
 Drawn by: JML
 Checked by: JML
 Reviewed by: TC
 Date: 5-18-15

SIGN: 
 DATE: 5-18-15



3675 Mount Diablo Boulevard, Suite 210
 Lafayette, California, 94549-1968
 (925) 299-3217 Fax (925) 284-3169
 www.ci.lafayette.ca.us

REVIEWED BY:
 CITY OF LAFAYETTE

 Tony Coe, Engineering Services Manager
 Date: 5-18-15

CITY OF LAFAYETTE
 PROJECT NO. 014-9703
 2015 HAPPY VALLEY ROAD
 WALKWAY PROJECT
 CONTRA COSTA COUNTY CALIFORNIA

TRAFFIC CONTROL
 DETAIL
 SCALE: H:1"=30'
 SHEET 8 of 8