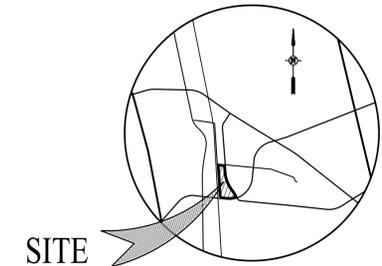


# TRACT 10137 HARMONY - PUBLIC IMPROVEMENTS IMPROVEMENT PLANS CITY OF MILPITAS, SANTA CLARA COUNTY, CALIFORNIA



SITE

### GENERAL NOTES:

- CIVIL ENGINEER: CARLSON, BARBEE & GIBSON, INC.  
6111 BOLLINGER CANYON ROAD, SUITE 150  
SAN RAMON, CA 94583  
(925) 866-0322  
CONTACT: JASON NERI, RCE 59136
- BENCHMARK: CITY OF MILPITAS BENCHMARK "CED-MAJ," A BRASS DISK IN MONUMENT WELL AT THE INTERSECTION OF CEDAR WAY AND SOUTH MAIN STREET.  
ELEVATION = 33.940 (NGVD 29).  
CITY OF MILPITAS LEVEL GPS SURVEY (12/1999 TO 2/2000).
- THE CIVIL ENGINEER ASSUMES NO RESPONSIBILITY BEYOND THE ADEQUACY OF HIS DESIGN CONTAINED HEREIN.
- UNLESS OTHERWISE NOTED, ALL WORK AND MATERIALS SHALL COMPLY WITH STANDARD SPECIFICATIONS, CONSTRUCTION DETAILS, AND STANDARD DRAWINGS (LISTED ON SHEET 8) OF THE CITY OF MILPITAS AVAILABLE IN THE CITY ENGINEER'S OFFICE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMITS NECESSARY TO PERFORM THE IMPROVEMENTS IN THESE PLANS FROM THE APPROPRIATE AGENCIES AND TO COMPLY WITH THE AGENCIES' REQUIREMENTS. THE CONTRACTOR MUST COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL LAWS.
- PLANS USED FOR CONSTRUCTION OF PUBLIC FACILITIES PURPOSES MUST BE SIGNED BY THE CITY ENGINEER OR HIS REPRESENTATIVE. ANY SUBSEQUENT CHANGES SHALL BE APPROVED BY THE CITY ENGINEER OR HIS REPRESENTATIVE PRIOR TO CONSTRUCTION.
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR SHALL 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; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD OWNER AND DESIGN CIVIL ENGINEER 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 CIVIL ENGINEER.
- CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS AT THE JOB SITE FOR PUBLIC WORKS, AMBULANCE, POLICE, AND FIRE DEPARTMENTS, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF THE JOB SITE.
- DURING CONSTRUCTION IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR SAFE TRAFFIC CONTROL IN AND AROUND THE SITE, TO PROTECT THE GENERAL PUBLIC, AND TO PREVENT UNCONTROLLED ACCESS TO THE SITE AT ALL TIMES. THIS MAY INCLUDE BUT NOT BE LIMITED TO SIGNS, FLASHING LIGHTS, BARRICADES AND FLAG PERSONS.
- SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT CARLSON, BARBEE & GIBSON, INC. AT (925) 866-0322 FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
- CONTRACTOR SHALL PROVIDE PROPER SHORING IN ALL TRENCHES DEEPER THAN FIVE (5) FEET. ANY DAMAGE RESULTING FROM LACK OF SHORING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS.
- THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDER.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE REQUIREMENTS OF THE DIVISION OF INDUSTRIAL SAFETY PERTAINING TO "CONFINED SPACES". ANY MANHOLE, CULVERT, DROP INLET OR TRENCH (WHICH COULD CONTAIN AIR), THAT IS NOT READILY VENTILATED, MAY BE CONSIDERED A "CONFINED SPACE".
- ENCROACHMENT PERMITS REQUIRED FOR WORK WITHIN EXISTING PUBLIC RIGHTS OF WAY SHALL BE OBTAINED BY THE CONTRACTOR.
- ALL PUBLIC UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER.
- THE CONTRACTOR SHALL CALL CITY OF MILPITAS PUBLIC WORKS FACILITIES INSPECTION AT (408) 586-2884 TO SCHEDULE INSPECTIONS, 48 HOURS PRIOR TO START OF CONSTRUCTION.
- PRIOR TO COMMENCEMENT OF ANY WORK ON ADJACENT PROPERTY, THE OWNER SHALL OBTAIN WRITTEN PERMISSION FROM AFFECTED PROPERTY OWNERS.
- EXISTING CURB, GUTTER AND SIDEWALK THAT ARE DAMAGED OR DISPLACED, EVEN THOUGH THEY WERE NOT TO BE REMOVED, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.
- THE ENGINEER ASSUMES NO RESPONSIBILITY FOR FINAL GRADE OF CONCRETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL GRADE OF CONCRETE.

### SHEET INDEX

21. THE OWNER'S CIVIL ENGINEER WILL PROVIDE CONSTRUCTION STAKES. THE NUMBER AND LOCATION OF STAKES REQUIRED SHALL BE DETERMINED BEFORE THE CONSTRUCTION BEGINS. ALL STAKING REQUESTS SHOULD BE DIRECTED TO THE ENGINEER A MINIMUM OF 48 HOURS PRIOR TO ACTUAL NEED. ANY ADDITIONAL STAKING OR RESTAKING WILL ONLY BE DONE AS DIRECTED AND AUTHORIZED BY THE OWNER OR HIS AUTHORIZED AGENT.	1	1 OF 49
22. ALL EXISTING ELEVATIONS SHOWN ARE AS MEASURED IN THE FIELD UNLESS OTHERWISE NOTED.	2	2 OF 49
23. OBSTRUCTIONS INDICATED ARE FOR INFORMATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND DEPTH WITH THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) FOR UTILITY LOCATIONS PRIOR TO ANY CONSTRUCTION. PHONE 1-800-227-2600. NEITHER THE OWNER NOR THE CIVIL ENGINEER ASSUMES RESPONSIBILITY THAT THE OBSTRUCTIONS INDICATED WILL BE THE OBSTRUCTIONS ENCOUNTERED.	3	3 OF 49
24. THE CONTRACTOR IS RESPONSIBLE FOR THE PRESERVATION AND OR PERPETUATION OF ALL EXISTING MONUMENTS AND STAKES WITHIN THE CONTRACTOR'S AREA OF WORK. THE CONTRACTOR SHALL NOT DISTURB OR REMOVE ANY MONUMENTS OR STAKES WITHOUT THE PERMISSION OF THE CITY ENGINEER, AND HE SHALL BEAR THE EXPENSE OF RESETTling ANY MONUMENTS OR STAKES WHICH MAY BE DISTURBED OR REMOVED WITH OR WITHOUT PERMISSION. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 15 WORKING DAYS NOTICE TO THE CITY ENGINEER PRIOR TO DISTURBANCE OR REMOVAL OF EXISTING MONUMENTS OR STAKES. THE CONTRACTOR SHALL UTILIZE THE SERVICES OF A CALIFORNIA LICENSED LAND SURVEYOR TO RESET ALL DISTURBED OR REMOVED MONUMENTS AND STAKES OR PROVIDE WITNESS MONUMENTS, AND FILE THE REQUIRED DOCUMENTATION WITH THE COUNTY SURVEYOR PURSUANT TO THE BUSINESS AND PROFESSIONS CODE SECTION 8771.	4	4 OF 49
25. ALL GRADES SHOWN ARE FINISHED GRADES, UNLESS OTHERWISE NOTED.	5	5 OF 49
26. ALL GRADED SLOPES ARE MAXIMUM TWO (2) FEET HORIZONTAL TO ONE (1) FOOT VERTICAL.	6	6 OF 49
27. ALL GRADING SHALL COMPLY WITH CITY OF MILPITAS GRADING ORDINANCE, THIS PLAN, AND THE GEOTECHNICAL INVESTIGATION PREPARED BY RMA GROUP OF NORTHERN CALIFORNIA DATED APRIL 17, 2012 AND ALL SUBSEQUENT ADDENDUMS.	7	7 OF 49
28. UPON COMPLETION OF ROUGH GRADING, ACTUAL THICKNESS (STRUCTURAL SECTION) OF THE BASE MATERIAL AND AC PAVEMENT SHALL BE DETERMINED BASED ON THE RESULTS OF R-VALUES, SAND EQUIVALENTS LABORATORY TESTING. GEOTECHNICAL/SOIL ENGINEER SHALL RECOMMEND THE STRUCTURAL SECTIONS OF STREETS TO THE CITY ENGINEER FOR REVIEW AND APPROVAL.	8	8 OF 49
29. WHERE PAVEMENT IS TO BE EXTENDED, EXISTING IMPROVEMENT ENDS MUST BE SAW-CUT. A.C. OR P.C.C. PAVEMENT REMOVED MUST BE SAW-CUT OR REMOVED TO AN EXPANSION JOINT.	9	9 OF 49
30. THE CONTRACTOR IS RESPONSIBLE FOR THE REPAIR OF PUBLIC IMPROVEMENTS/ FACILITIES DAMAGED BY HIS OPERATIONS INCLUDING BUT NOT LIMITED TO MONUMENTS, BENCHMARKS, STREET PAVEMENT, PAVEMENT MARKINGS, TRAFFIC STRIPING AND SIGNAGE, TRAFFIC LOOPS, FIBER OPTIC, ETC.	10	10 OF 49
31. PROJECT GRADING AND CONSTRUCTION ACTIVITIES SHALL NOT OCCUR OUTSIDE THE HOURS OF 7:00 A.M. TO 7:00 P.M. ON WEEKDAYS AND WEEKENDS, AND SHALL NOT OCCUR ON THE FOLLOWING HOLIDAYS: NEW YEAR'S DAY, MEMORIAL DAY, INDEPENDENCE DAY, LABOR DAY, THANKSGIVING DAY, INCLUDING THE DAY AFTER (NOVEMBER 25), CHRISTMAS DAY, MARTIN LUTHER KING JR'S BIRTHDAY, LINCOLN'S BIRTHDAY, PRESIDENT'S DAY, AND VETERAN'S DAY, AS PER THE CITY OF MILPITAS NOISE ORDINANCE.	11	11 OF 49
32. TRAFFIC SPEEDS ON ALL UNPAVED AREAS SHALL BE LIMITED TO 15 MPH.	12	12 OF 49
33. A NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM PERMIT (NPDES CONSTRUCTION PERMIT) IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY RELATED TO THIS SITE AND SHALL BE OBTAINED BY THE OWNER AND/OR OWNER'S CONTRACTOR AS APPROPRIATE. ANY DISCHARGE (DURING CONSTRUCTION) OF GROUNDWATER INTO THE DOWNSTREAM STORM SYSTEM MUST BE UNCONTAMINATED. THE CONTRACTOR SHALL MAKE THIS DETERMINATION PRIOR TO ANY DISCHARGE.	13	13 OF 49
34. IF ARCHAEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING OR OTHER EXCAVATION, EARTHWORK WITHIN 100' OF THIS AREA SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST WHO IS CERTIFIED BY THE SOCIETY OF CALIFORNIA ARCHAEOLOGIST (SCA) OR THE SOCIETY OF PROFESSIONAL ARCHAEOLOGIST (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY.	14	14 OF 49
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	LCM1	23 OF 49
	LCM2	24 OF 49
	LCM3	25 OF 49
	LCT1	26 OF 49
	LCT2	27 OF 49
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	LIM3	30 OF 49
	LIM4	31 OF 49
	LIM5	32 OF 49
	LIM6	33 OF 49
	LIM7	34 OF 49
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PLAN & PROFILE - MONTAGUE EXPRESSWAY		
PLAN & PROFILE - PENITENCIA CREEK TRAIL		
PLAN & PROFILE - PENITENCIA CREEK TRAIL		
PLAN & PROFILE - PENITENCIA CREEK TRAIL		
PLAN & PROFILE - PENITENCIA CREEK TRAIL		
PLAN & PROFILE - PENITENCIA CREEK TRAIL		
PLAN & PROFILE - PUBLIC STORM DRAIN		
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### JOINT TRENCH

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### SCOPE OF WORK:

- "TRACT 10137 - MCCANDLESS DRIVE - PUBLIC IMPROVEMENT PLANS" ARE FOR THE CONSTRUCTION OF THE:
  - PUBLIC RECYCLED WATER LINE
  - PUBLIC STORM DRAINAGE IMPROVEMENTS
  - MCCANDLESS DRIVE STREET IMPROVEMENTS
  - MONTAGUE EXPRESSWAY IMPROVEMENTS  
(REQUIRE APPROVAL AND PERMITS FROM SANTA CLARA COUNTY)
  - PUBLIC LANDSCAPE IMPROVEMENTS
  - PUBLIC JOINT TRENCH IMPROVEMENTS
  - PUBLIC STREET LIGHTING
  - PUBLIC PENITENCIA CREEK TRAIL  
(REQUIRE APPROVAL AND PERMITS FROM SCVMD)

<b>RECOMMENDED FOR APPROVAL:</b>	<b>RECORD DRAWINGS</b>	<b>REVISIONS</b>	<b>CITY OF MILPITAS ENGINEERING DIVISION</b>
PLANNING _____ DATE _____	TO BE COMPLETED PRIOR TO ACCEPTANCE OF WORK BY THE CITY	NO. DATE BY DESCRIPTION CITY ENGR. APPRO. DATE	APPROVED: _____ PROJECT NO. 19-2709
FIRE _____ DATE _____	SIGNATURE & SEAL DATE _____		ENGINEERING DATE _____ FILE NO. 2-1162
BUILDING _____ DATE _____	P.E. NO. _____ EXP. _____		
TRAFFIC _____ DATE _____	PUBLIC WORKS INSPECTOR _____		
ENGINEER _____ DATE _____			

PUBLIC IMPROVEMENTS

TRACT 10137

**PUBLIC IMPROVEMENT PLANS**

TITLE, NOTES, SHEET INDEX & VICINITY MAP

CITY OF MILPITAS

SANTA CLARA COUNTY

CALIFORNIA

ADDRESS: 1615 MCCANDLESS DRIVE

SHEET NUMBER

1

OF 49

JOB NUMBER

1933-00

Carlson, Barbee & Gibson, Inc.

CIVIL ENGINEERS - SURVEYORS - PLANNERS

6111 Bollinger Canyon Road, Suite 150 • San Ramon, CA 94583

925-866-0322 • fax 925-866-8575

www.cbgi.com

REGISTERED PROFESSIONAL ENGINEER

NO. 59136

STATE OF CALIFORNIA

EXPIRES 06/30/13

DATE: 3/15/13

DRAWN BY: JPN

PROJ. ENGR: ASA

PROJ. MGR: ASA

NO. BY DATE

NO. BY DATE

REVISIONS

APPROVAL

7 JUN 10/05/13 UPDATED TRAIL SECTION - ADD DC

6 JUN 09/24/13 UPDATED TRAIL SECTION - ADD AB

5 JUN 06/24/13 REDUCE MONTAGUE S/W TO 4'

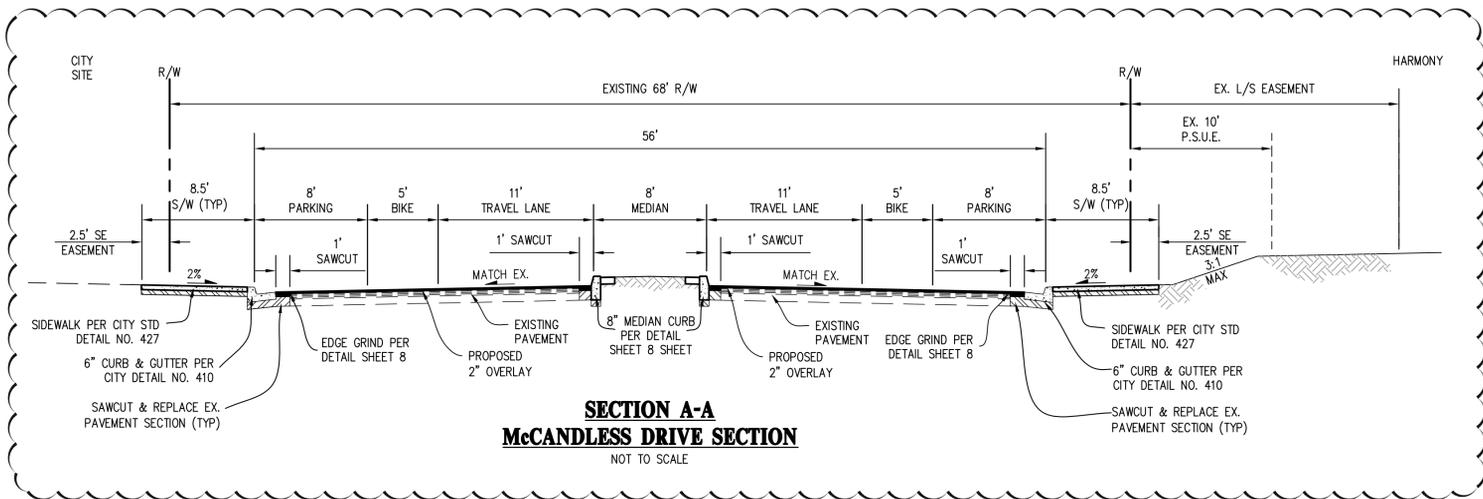
4 ASA 07/23/13 WBEH MCCANDLESS S/W TO 8.5'

3 ASA 07/09/13 ADD MCCANDLESS TREE WELLS

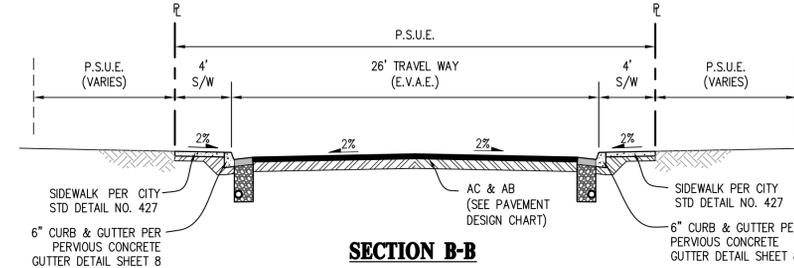
2 ASA 07/09/13 MONTAGUE EXPY STREET LIGHTS

1 ASA 07/09/13 PENITENCIA CREEK TRAIL

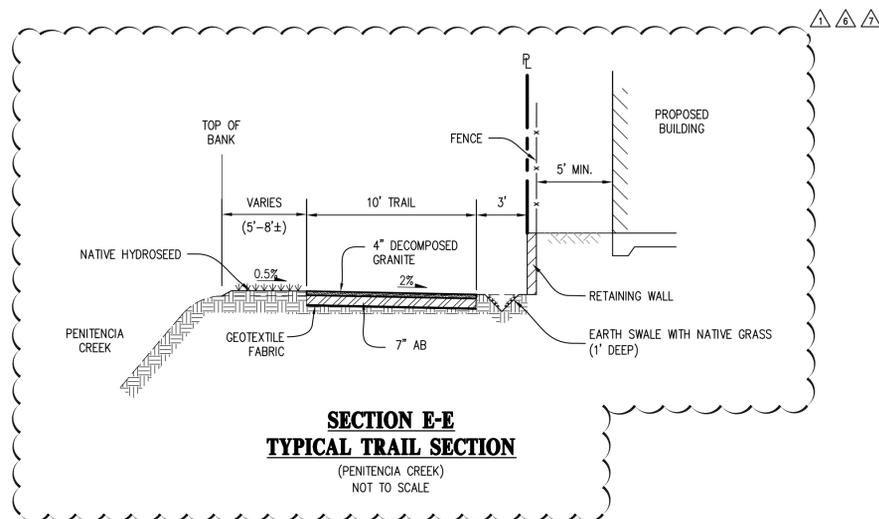
\*\*\*RECYCLED WATER IMPROVEMENTS NOT PERMITTED PER THIS PLANSET\*\*\*



**SECTION A-A**  
**McCANDLESS DRIVE SECTION**  
NOT TO SCALE

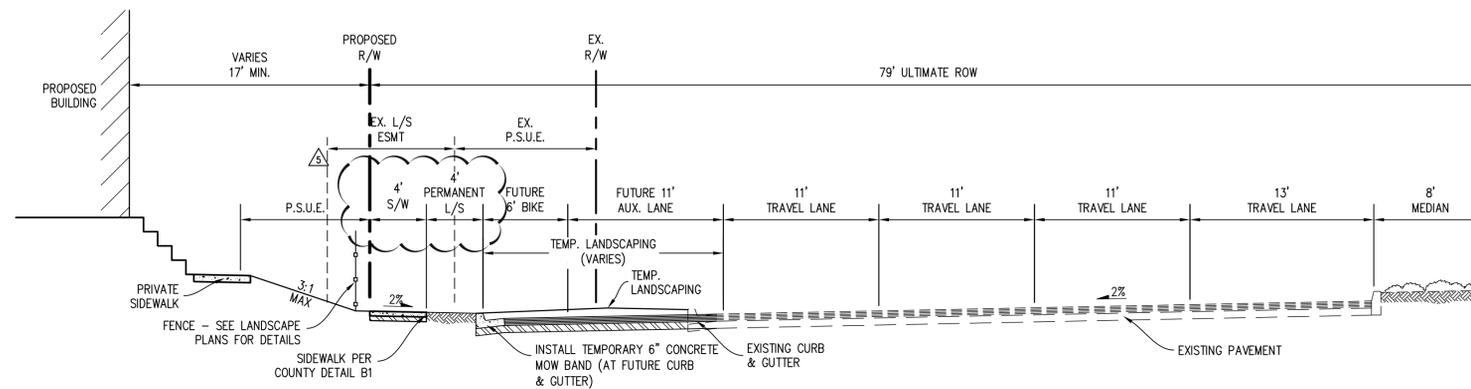


**SECTION B-B**  
**TYPICAL PRIVATE ON-SITE STREET SECTION**  
NOT TO SCALE  
(TC = CL + 0.12')



**SECTION E-E**  
**TYPICAL TRAIL SECTION**  
(PENITENCIA CREEK)  
NOT TO SCALE

NOTE: SEE SHEET 6 FOR SECTION LOCATIONS



**SECTION G-G**  
**MONTAGUE EXPRESSWAY SECTION**  
NOT TO SCALE

PAVEMENT DESIGN CHART					
TRAFFIC AREA	AC	AB	PCC (WHERE SHOWN)	TI	R VALUE
	3"	8"	-	5.0	15
	3"	5"	-	4.0	15
PARKING BAYS	3"	8"	-	5.0	15
DECORATIVE PAVEMENT (SEE NOTES 2&3)	-	6"	6"	5.0	15
STRUCTURAL CONCRETE (TRASH ENCLOSURE & FIRE TRUCK STAGING AREA)	-	7"	8"	-	15
TRAIL	MATERIAL AND SECTION PER DETAIL ABOVE				15

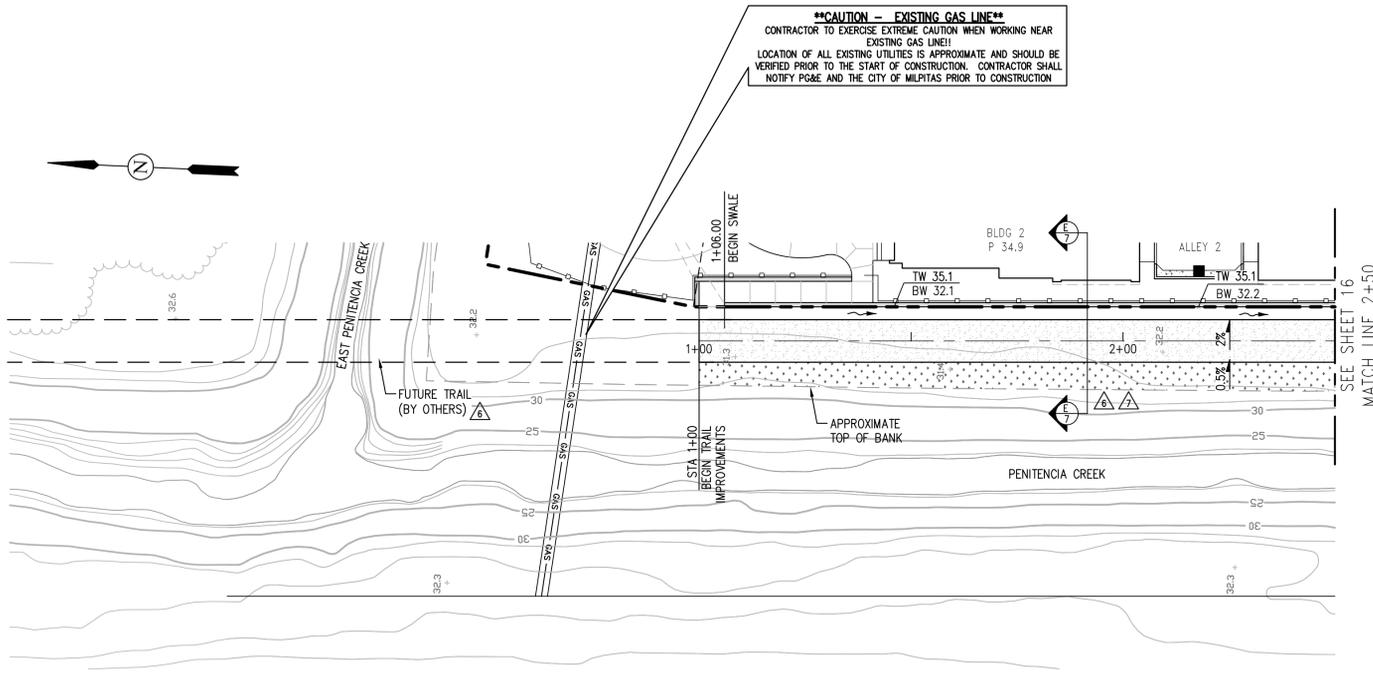
- NOTES:**
- PAVEMENT SECTIONS INDICATED ARE BASED ON THE ABOVE TI AND R-VALUES. UPON NEARING COMPLETION OF FINISH GRADING AT THE SITE, "R" VALUE SAMPLING AND TESTING OF SUBGRADE SOILS COULD OCCUR AND THE SPECIFIC STRUCTURAL PAVEMENT SECTIONS COULD BE LOCALLY MODIFIED, IF NECESSARY BY THE SOILS ENGINEER.
  - ALL CONCRETE PAVEMENT SHALL BE REINFORCED WITH #3 REBAR @ 18" OC EW PER GEOTECHNICAL RECOMMENDATIONS.
  - SEE LANDSCAPE PLAN FOR DECORATIVE PAVING STANDARDS AND SPECIFICATIONS.

RECOMMENDED FOR APPROVAL:	RECORD DRAWINGS	REVISIONS	CITY OF MILPITAS ENGINEERING DIVISION
PLANNING _____ DATE _____	TO BE COMPLETED PRIOR TO ACCEPTANCE OF WORK BY THE CITY	DATE _____ BY _____ DESCRIPTION _____ CITY ENGR. APPRO. _____ DATE _____	APPROVED: _____ PROJECT NO. 19-2709
FIRE _____ DATE _____	SIGNATURE & SEAL _____ DATE _____		ENGINEERING: _____ DATE _____ FILE NO. 2-1162
BUILDING _____ DATE _____	P.E. NO. _____ EXR. _____		ANY CHANGES TO THIS PLAN SHALL BE APPROVED BY THE CITY ENGINEER
TRAFFIC ENGINEER _____ DATE _____	PUBLIC WORKS INSPECTOR _____		

DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY
3/15/13	7 JUN 17/13/13 UPDATED TRAIL SECTION - ADD DG				
	6 JUN 19/13/13 UPDATED TRAIL SECTION - ADD AB				
	5 JUN 19/13/13 REDUCE MONTAGUE S/W TO 4'				
	4 ASA 17/13/13 WIDEN McCANDLESS S/W TO 8.5'				
	3 ASA 17/13/13 ADD McCANDLESS TREE WELLS				
	1 ASA 17/13/13 PENITENCIA CREEK TRAIL				

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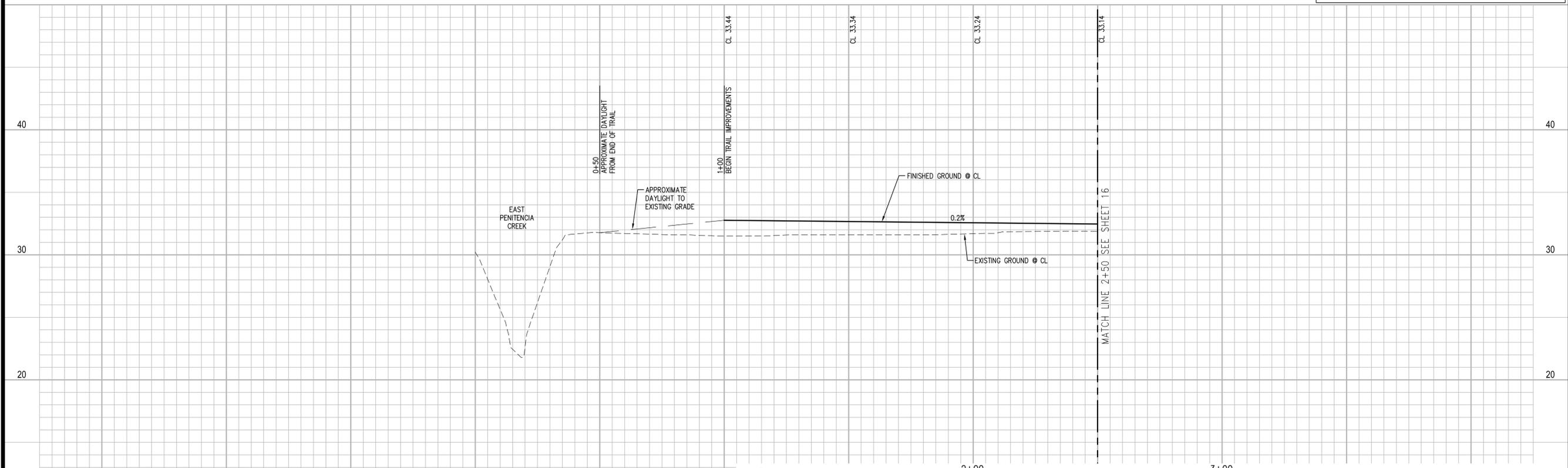
TRACT 10137  
PUBLIC IMPROVEMENTS  
**PUBLIC IMPROVEMENT PLANS**  
SECTIONS & PAVEMENT DESIGN CHART  
CITY OF MILPITAS SANTA CLARA COUNTY CALIFORNIA  
SHEET NUMBER  
**7**  
OF 49  
JOB NUMBER  
**1933-00**



**PENITENCIA CREEK TRAIL**  
 SCALE: 1" = 20'

**NOTE:**  
 SEE TRACT 10137 AND TRACT 10159 LANDSCAPE TRAIL IMPROVEMENT CONSTRUCTION PLAN FOR ADDITIONAL TRAIL SURFACE IMPROVEMENT DETAILS (BOLLARDS, RETAINING WALL, FENCING, BENCHES, GATES, ETC.)

**DATUM NOTE:**  
 ALL ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON NGVD29 DATUM. THE FOLLOWING CONVERSION APPLIES TO OBTAIN NAVD88 ELEVATIONS:  
 NAVD88 ELEVATION = PLAN ELEVATION + 2.743'



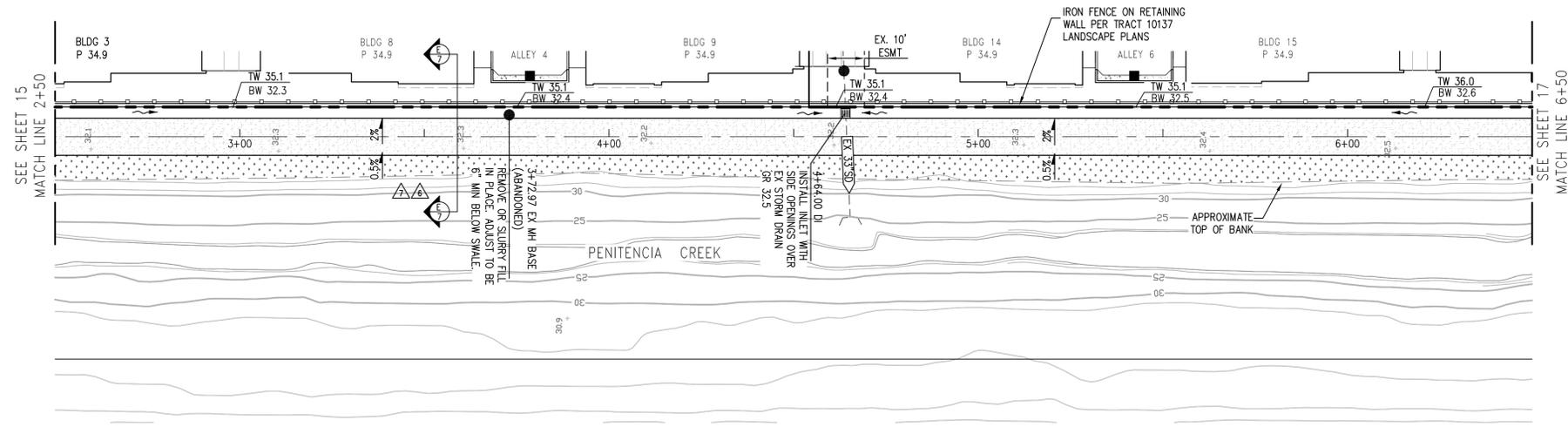
**PROFILE**  
 SCALE: HORIZONTAL 1" = 20'  
 VERTICAL 1" = 4'

RECOMMENDED FOR APPROVAL:		RECORD DRAWINGS		REVISIONS				CITY OF MILPITAS ENGINEERING DIVISION	
PLANNING	DATE	TO BE COMPLETED PRIOR TO ACCEPTANCE OF WORK BY THE CITY		CITY	DATE	BY	DESCRIPTION	CITY ENGR. APPR.	DATE
FIRE	DATE	SIGNATURE & SEAL							
BUILDING	DATE	P.E. NO.							
TRAFFIC ENGINEER	DATE	PUBLIC WORKS INSPECTOR							
		APPROVED:		PROJECT NO. 19-2709					
		ENGINEERING DATE		FILE NO. 2-1162					
		ANY CHANGES TO THIS PLAN SHALL BE APPROVED BY THE CITY ENGINEER							

DATE	NO.	BY	DATE	REVISIONS
3/15/13	7	JUN	10/17/13	UPDATED TRAIL SECTION -- ADD DG
	6	JUN	10/16/13	UPDATED TRAIL SECTION -- ADD AB
	1	ASA	7/26/13	PENITENCIA CREEK TRAIL

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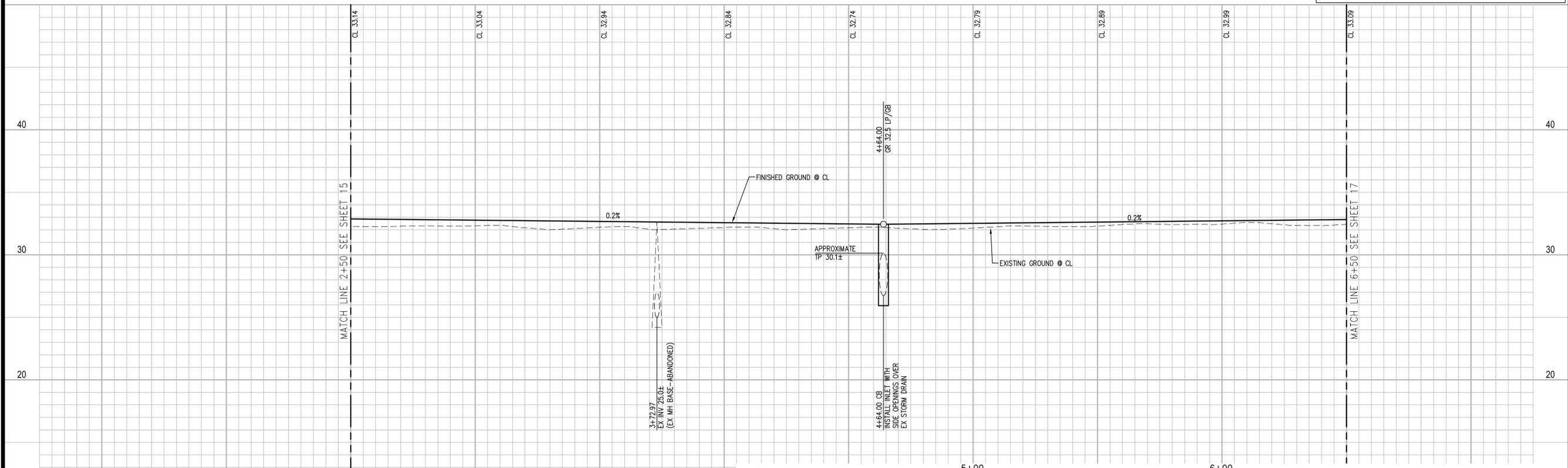
PUBLIC IMPROVEMENTS  
 TRACT 10137  
**PLAN & PROFILE**  
 PENITENCIA CREEK TRAIL  
 SANTA CLARA COUNTY  
 CALIFORNIA  
 SHEET NUMBER  
**15**  
 OF 49  
 JOB NUMBER  
**1933-00**



**PENITENCIA CREEK TRAIL**  
 SCALE: 1" = 20'

**NOTE:**  
 SEE TRACT 10137 AND 10159 LANDSCAPE TRAIL IMPROVEMENT CONSTRUCTION PLAN FOR ADDITIONAL TRAIL SURFACE IMPROVEMENT DETAILS (BOLLARDS, RETAINING WALL, FENCING, BENCHES, GATES, ETC.)

**DATUM NOTE:**  
 ALL ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON NAVD29 DATUM. THE FOLLOWING CONVERSION APPLIES TO OBTAIN NAVD88 ELEVATIONS:  
 NAVD88 ELEVATION = PLAN ELEVATION + 2.743'



**PROFILE**  
 SCALE: HORIZONTAL 1" = 20'  
 VERTICAL 1" = 4'

RECOMMENDED FOR APPROVAL:		RECORD DRAWINGS		REVISIONS		CITY OF MILPITAS ENGINEERING DIVISION	
PLANNING	DATE	TO BE COMPLETED PRIOR TO ACCEPTANCE OF WORK BY THE CITY		DATE	BY	DESCRIPTION	CITY ENGR. APPR.
FIRE	DATE	SIGNATURE & SEAL		DATE			
BUILDING	DATE	P.E. NO.		EXPI.			
TRAFFIC ENGINEER	DATE	PUBLIC WORKS INSPECTOR					
		APPROVED:		PROJECT NO. 19-2709		SHEET NUMBER	
		ENGINEERING DATE		FILE NO. 2-1162		16	
		ANY CHANGES TO THIS PLAN SHALL BE APPROVED BY THE CITY ENGINEER				OF 49	
						JOB NUMBER	
						1933-00	

DATE	BY	REVISIONS
3/15/13	JPJ	7 JUN 10/15/13 UPDATED TRAIL SECTION - ADD DG
	ASA	6 JUN 10/15/13 UPDATED TRAIL SECTION - ADD AB
	ASA	1 ASA 7/09/13 PENITENCIA CREEK TRAIL
		NO. BY DATE

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