

**SEWER GENERAL NOTES:**

- ALL SEWER FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF VENTURA COUNTY WATERWORKS DISTRICT NO. 1.
- ALL WORK SHOWN ON THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC), LATEST EDITION AND LATEST SUPPLEMENTS AND MODIFICATIONS THERETO BY THE VENTURA COUNTY STANDARD SPECIFICATIONS (VCS), THE UNIFORM BUILDING CODE, THE UNIFORM PLUMBING CODE AND, THE VENTURA COUNTY SEWERAGE MANUAL.
- CONTRACTOR SHALL COORDINATE A PRE-CONSTRUCTION MEETING WITH DISTRICT AT LEAST 5 WORKING DAYS PRIOR TO START OF WORK.
- CONTRACTOR SHALL NOTIFY DISTRICT AT (805) 378-3000 AT LEAST 2 WORKING DAYS PRIOR TO START OF CONSTRUCTION, OR PRIOR TO MAKING A TIE-IN TO EXISTING SEWER LINE. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL EXPOSE AND VERIFY LOCATION AND ELEVATION OF TIE-IN POINTS AND NOTIFY THE DISTRICT OF ANY DIFFERENCE FROM THAT SHOWN ON PLANS.
- CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT AT 8-1-1 TO LOCATE UNDERGROUND UTILITIES AT LEAST 2 WORKING DAYS BEFORE DIGGING. CONTRACTOR SHALL FIELD VERIFY LOCATION AND DEPTH OF EXISTING IMPROVEMENTS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE THE DISTRICT ONE ELECTRONIC COPY AND AT LEAST 4 HARD COPY SETS OF SUBMITTALS OF ALL MATERIALS TO BE USED, INCLUDING CUT SHEETS AND CONSTRUCTION SCHEDULE. CONTRACTOR SHALL NOT COMMENCE WORK UNTIL SUBMITTALS ARE APPROVED BY DISTRICT.
- SEPARATION BETWEEN WATER AND SEWER LINES SHALL BE PER REQUIREMENTS OF STATE WATER RESOURCES CONTROL BOARD.
- SEWER MAINS SHALL BE SOLID WALL PVC SDR 35 PIPE OR APPROVED EQUAL. SIMILAR MATERIALS SHALL BE USED BETWEEN MANHOLES.
- SAMPLING WELLS SHALL BE INSTALLED FOR COMMERCIAL AND INDUSTRIAL WASTE DISCHARGES, AS DIRECTED BY THE DISTRICT.
- MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPPWC STANDARD DETAIL 200-3 AND DISTRICT STANDARD PLATE S-1.
- LATERAL CLEAN-OUTS WITHIN DRIVEWAYS SHALL BE BROUGHT TO GRADE AT PROPERTY LINE.
- THE HOMEOWNER IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF BACKWATER VALVES (BWV) AS REQUIRED BY CALIFORNIA PLUMBING CODE (CUPC) 710: A BACKWATER VALVE SHALL BE INSTALLED ONLY FOR PLUMBING FIXTURES WHERE THE OVERFLOW RIM OF THE LOWEST PLUMBING FIXTURE IS LESS THAN ONE FOOT ABOVE THE NEXT UPSTREAM MANHOLE IN THE PUBLIC SEWER.
- LOCATION OF SEWER LATERALS SHALL BE MARKED WITH "S" 3-INCHES HIGH INTO THE STREET CURB FACE AT THE COMPLETION OF WORK. MARKING PROCEDURE SHALL BE AS APPROVED BY THE DISTRICT.
- AIR PRESSURE TESTING SHALL BE PER SUBSECTION 306-1.4.4 OF THE SSPWC, LATEST EDITION. PRESSURE TESTING SHALL BE PERFORMED ONLY AFTER ALL UTILITIES, CURB AND GUTTER ARE INSTALLED, AND BACKFILL IS ACCEPTED. COMPACTION TEST RESULTS SHALL BE SUBMITTED TO THE DISTRICT BEFORE TESTING. CONTRACTOR SHALL BEAR COST OF SOILS TESTING.
- MANDREL OPERATIONS SHALL BE PER SUBSECTION 306-1.2.12 OF THE SSPWC, LATEST EDITION.
- SEWER LINES SHALL BE CLEANED PER CURRENT ACCEPTABLE STANDARD PRACTICE (BALL AND MANDREL).
- CONTRACTOR SHALL INSPECT THE INSIDE OF SEWER LINES BY VIDEOTAPING, PRIOR TO ACCEPTANCE AND USE. VIDEOTAPING SHALL BE IN ACCORDANCE WITH CURRENT ACCEPTABLE STANDARD PRACTICE. A COPY OF "USB" SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW AND ACCEPTANCE.
- CONTRACTOR SHALL NEATLY MARK-UP A SET OF PROJECT PLANS TO SHOW ALL CORRECTIONS, CLARIFICATIONS AND CHANGES. RED LINE DRAWINGS SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW PRIOR TO ACCEPTANCE OF WORK. THE ENGINEER SHALL PREPARE RECORD DRAWINGS AND SUBMIT HARDCOPIES (BOND PAPER), PDFS, AUTOCAD FILES, AND GIS SHAPE FILES GEOREFERENCED TO THE COUNTY DATUM (NAD 27-CALIFORNIA-V).
- CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTIES. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- FINAL CONNECTION TO THE EXISTING SEWER SHALL NOT BE MADE UNTIL SITE CONSTRUCTION HAS BEEN COMPLETED. IN THE EVENT CONSTRUCTION IS STILL OCCURRING AND THE NEW SEWER IS CONNECTED TO THE EXISTING SEWER, A SEWER TRAP SHALL BE INSTALLED. THE TRAP SHALL BE CLEANED ON A MONTHLY BASIS AND AN OBSERVATION REPORT SENT TO THE DISTRICT.

**CONSTRUCTION NOTES**

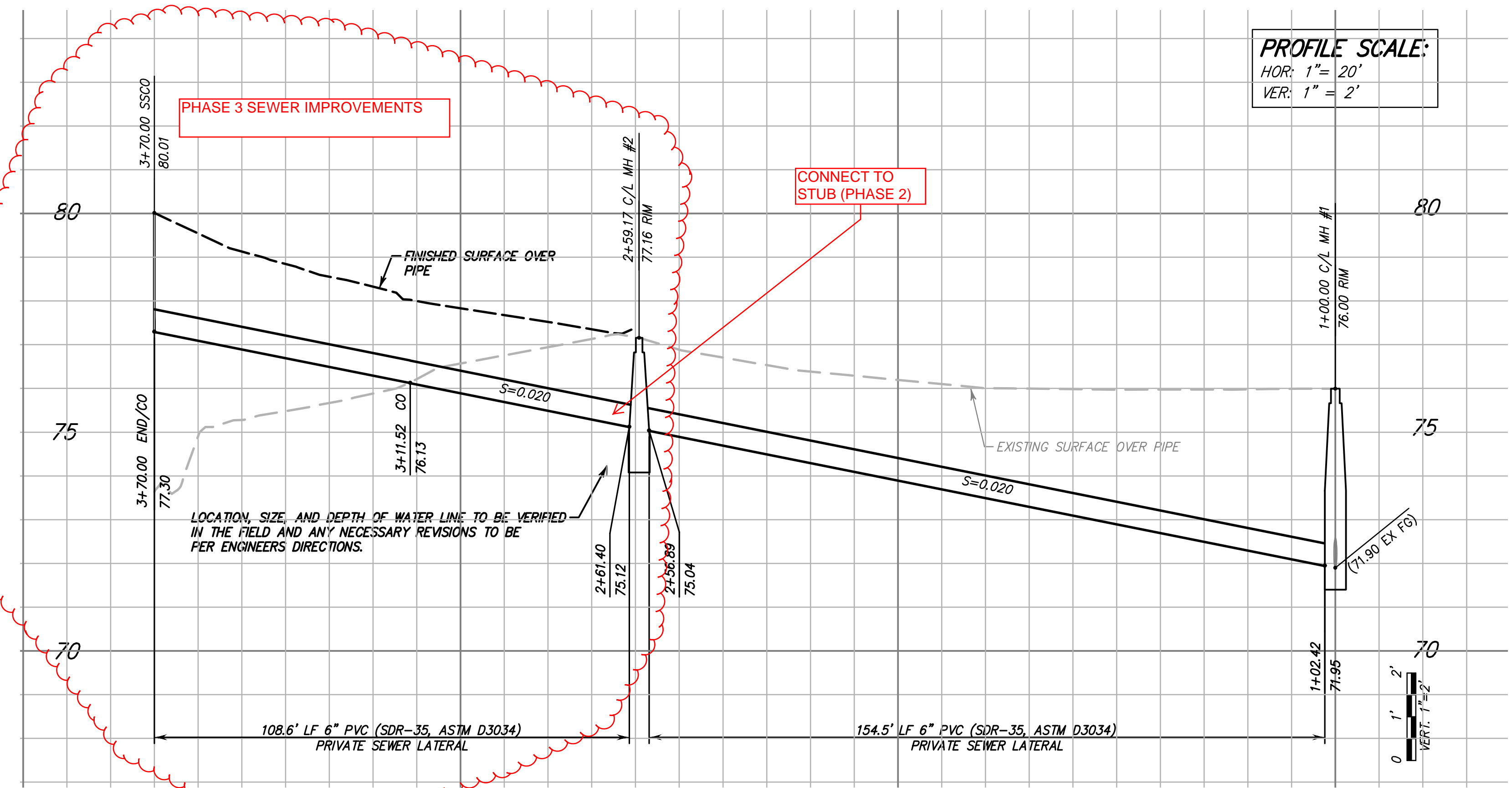
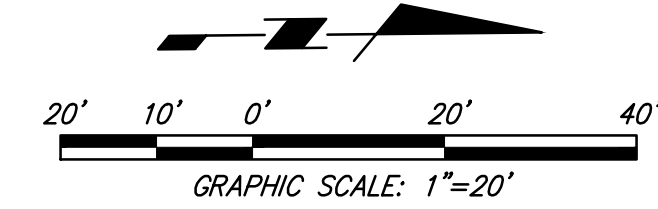
- CONSTRUCT MANHOLE OVER EXISTING SEWER LINE, AND CONNECT EXISTING PIPES PER SPPWC STANDARD DETAIL 200, IF DEPTH GREATER THAN 7.5' OR DETAIL 201, IF DEPTH LESS THAN 7.5'. MANHOLE COVER TO MEET COUNTY OF VENTURA WATERWORKS STANDARD S-1 REQUIREMENTS. CONTRACTOR SHALL POTHOLE AT POINT OF CONNECTION TO EXISTING AND VERIFY EXISTING PIPE INVERTS. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, PRIOR TO INSTALLING ANY NEW STRUCTURES OR PIPES.
- INSTALL 6" PVC PRIVATE SEWER LATERAL PER VENTURA WATERWORKS STANDARD DETAIL S-2, BACKFILL PER COUNTY OF VENTURA WATERWORKS STANDARD DETAIL S-3.
- CONSTRUCT SANITARY PVC CLEANOUT PER COUNTY OF VENTURA WATERWORKS STANDARD DETAIL S-5.
- CONSTRUCT MANHOLE PER SPPWC STANDARD DETAIL 201. MANHOLE COVER TO MEET COUNTY OF VENTURA WATERWORKS STANDARD S-1 REQUIREMENTS.

**GENERAL NOTES**

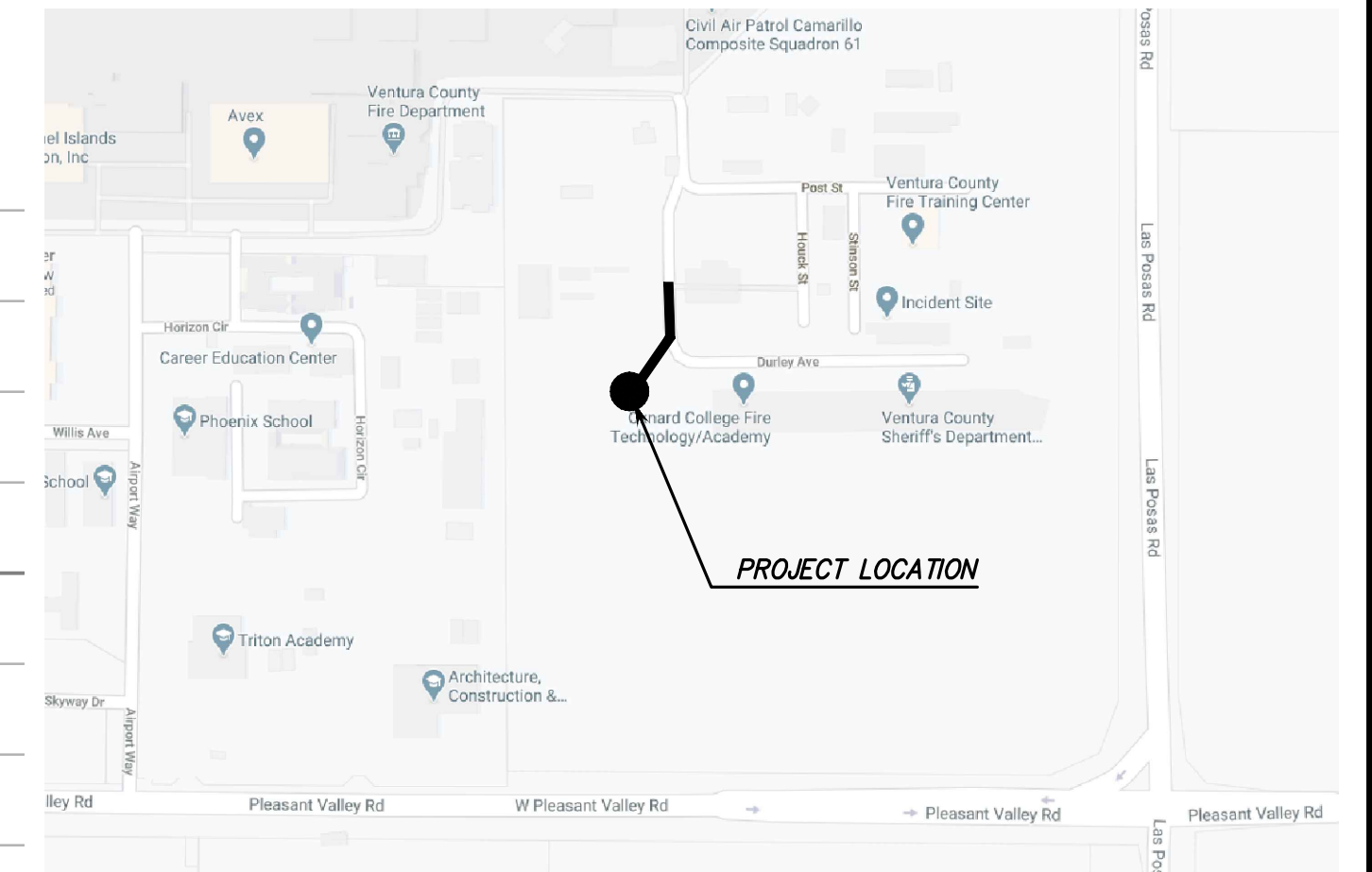
- EXISTING UTILITIES WERE LOCATED FROM BEST AVAILABLE INFORMATION. CONTRACTOR SHALL POTHOLE AND LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- ANY CONCRETE, CURB, GUTTER, ASPHALT, BASE, AND LANDSCAPING REMOVED FOR THE PLACEMENT OF THE SEWER LINE ON DURLEY AVE TO BE REPLACED TO PRE-CONSTRUCTION CONDITION.
- ALL SEWER TO ADHERE TO STANDARDS SET FORTH BY THE COUNTY OF VENTURA WATERWORKS STANDARD SEWER DESIGN MANUAL.
- P.O.C. PER PLUMBING PLANS.

**LEGEND**

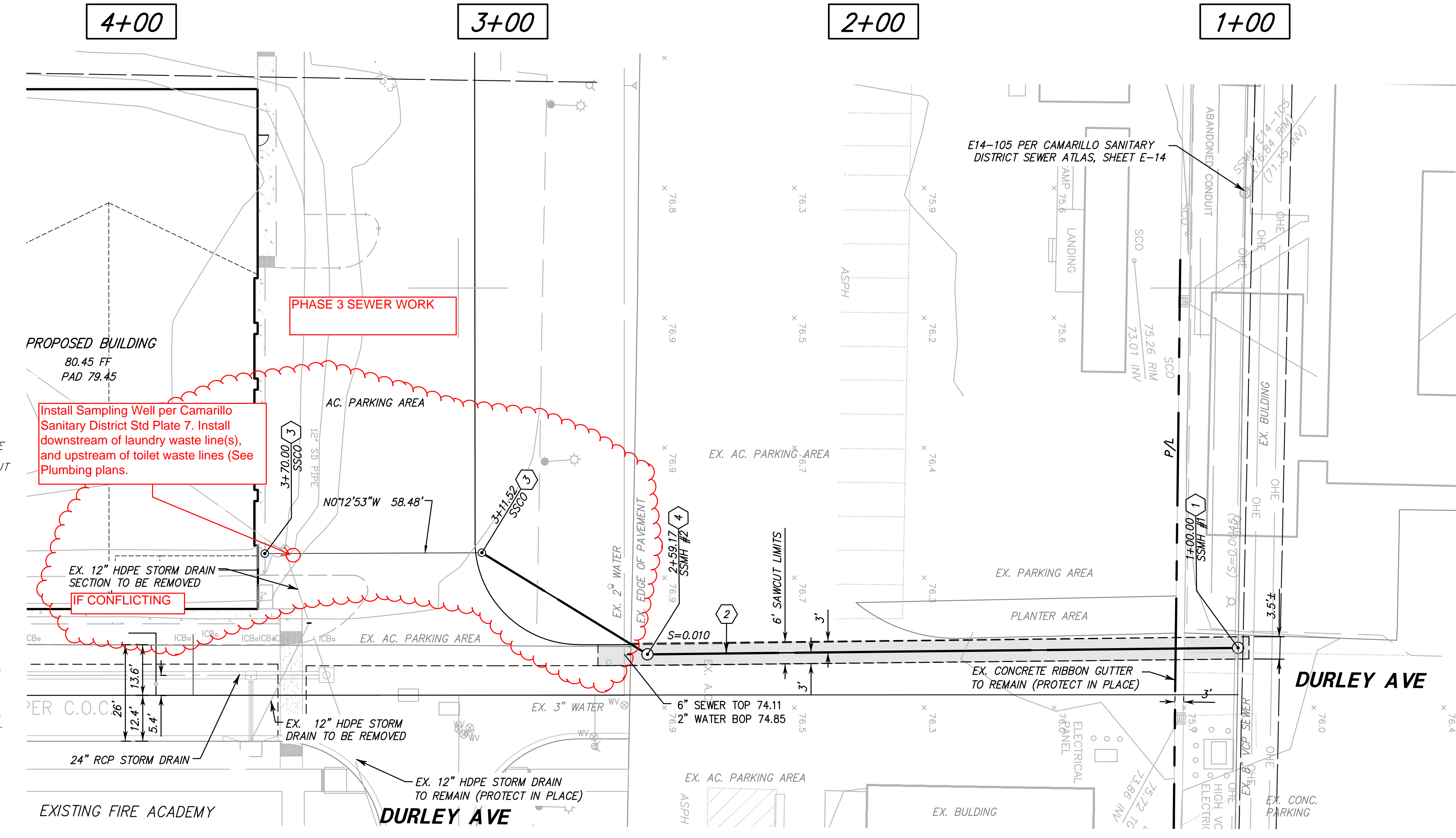
- PROPOSED**
- CATCH BASIN
  - CUT/FILL
  - EASEMENT LINE
  - PROPERTY LINE
  - STORM DRAIN
  - SEWER
  - SEWER MANHOLE
  - SEWER CLEANOUT
  - WATER
  - FIRE HYDRANT
  - SURFACE DRAIN
- EXISTING**
- FIRE HYDRANT
  - GAS
  - OVERHEAD ELEC.
  - SEWER
  - SEWER MANHOLE
  - STREET LIGHT
  - POWER POLE OR TELEPHONE POLE
  - STORM DRAIN
  - WATER
  - WATER VALVE
  - TELEPHONE
  - FENCE



**PROFILE SCALE:**  
HOR: 1" = 20'  
VER: 1" = 2'



**VICINITY MAP**



Oct 06, 2020

SEWER

**C-4**

NO.	DESCRIPTION OF REVISION	R.C.E.	APP'D.	DATE
6				
5				
4				
3				
2				
1				

PREPARED BY:  
  
 1872 DONLON STREET  
 VENTURA, CALIF. 93005  
 PHONE: 805/654-6977  
 FAX: 805/654-6979  
 10/6/2020  
 PREPARED BY: RYAN LIPPINCOTT  
 ENGINEERING MANAGER

**CAMARILLO UTILITY ENTERPRISE**  
 Ryan Lippincott  
 ENGINEERING MANAGER  
 10/13/20  
 DATE

**COUNTY OF VENTURA  
 PUBLIC WORKS AGENCY  
 CAMARILLO UTILITY ENTERPRISE**

PRIVATE SEWER IMPROVEMENT PLAN  
**VCCCD FIRE ACADEMY, CAMARILLO**  
 104 DURLEY AVE

SHEET **C-4**  
 OF 14  
 DRAWING NO.  
**116315**