

PLUMBING NOTES

1. SCOPE OF WORK: FURNISH AND INSTALL ALL PIPING SHOWN ON THE PLUMBING DRAWINGS AND DESCRIBED IN THESE NOTES. IN CONNECTION WITH THIS WORK, CONTRACTOR SHALL ALSO FURNISH AND INSTALL ALL NECESSARY LABOR, DEVICES, HARDWARE AND SYSTEMS REQUIRED TO MAKE SAID SYSTEMS PROPERLY AND SAFELY OPERABLE, INCLUDING, BUT NOT LIMITED TO, DRILLING, CONCRETE, SAW CUTTING, TRENCHING AND BACKFILL, MOUNTING AND PIPING, CONCRETE, VALVES, & PATCHING .

2. EXAMINATION OF SITE AND CONTRACT DOCUMENTS. EACH BIDDER SHALL, AT ITS SOLE COST AND EXPENSE, INSPECT THE SITE OF THE PROPOSED WORK TO BECOME FULLY ACQUAINTED WITH CONDITIONS RELATING TO THE WORK AND TO FULLY UNDERSTAND THE FACILITIES, DIFFICULTIES AND RESTRICTIONS ATTENDING THE EXECUTION OF THE WORK UNDER THE CONTRACT DOCUMENTS AND COST THEREOF. BIDDERS SHALL THOROUGHLY REVIEW AND BE FAMILIAR WITH THE CONTRACT DOCUMENTS, INCLUDING WITHOUT LIMITATION, THE SPECIFICATIONS AND THE DRAWINGS. THE FAILURE OR OMISSION OF ANY BIDDER TO RECEIVE OR EXAMINE ANY OF THE CONTRACT DOCUMENTS, FORMS, INSTRUMENTS, ADDENDA, OR OTHER DOCUMENTS OR TO INSPECT THE SITE SHALL NOT RELIEVE SUCH BIDDER FROM ANY OBLIGATIONS WITH RESPECT TO THE BID PROPOSAL, THE CONTRACT OR THE WORK REQUIRED UNDER THE CONTRACT DOCUMENTS. THE OWNER ASSUMES NO RESPONSIBILITY OR LIABILITY TO ANY BIDDER FOR, NOR SHALL THE OWNER BE BOUND BY, ANY UNDERSTANDINGS, REPRESENTATIONS OR AGREEMENTS OF THE OWNER'S AGENTS, EMPLOYEES OR OFFICERS CONCERNING THE CONTRACT DOCUMENTS OR THE WORK MADE PRIOR TO EXECUTION OF THE CONTRACT. THE SUBMISSION OF A BID PROPOSAL SHALL BE DEEMED PRIMA FACIE EVIDENCE OF THE BIDDER'S FULL COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION.

3. INTERPRETATION OF DRAWINGS, SPECIFICATIONS OR CONTRACT DOCUMENTS. IF ANY BIDDER IS IN DOUBT AS TO THE TRUE MEANING OF ANY PART OF THE DRAWINGS, THE SPECIFICATIONS OR OTHER PORTIONS OF THE CONTRACT DOCUMENTS; FINDS DISCREPANCIES, ERRORS OR OMISSIONS THEREIN; OR FINDS VARIANCES IN ANY OF THE CONTRACT DOCUMENTS WITH APPLICABLE RULES, REGULATIONS, ORDINANCES AND/OR LAWS, A WRITTEN REQUEST FOR AN INTERPRETATION OR CORRECTION THEREOF MAY BE SUBMITTED TO THE ENGINEER. IT IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE BIDDER TO SUBMIT SUCH REQUEST IN SUFFICIENT TIME FOR THE PREPARATION OF A RESPONSE THERETO AND DELIVERY OF SUCH RESPONSE TO ALL BIDDERS PRIOR TO THE SCHEDULED CLOSING FOR RECEIPT OF BID PROPOSALS. ANY REQUEST OF ANY BIDDER, PURSUANT TO THE FOREGOING SENTENCE THAT IS MADE LESS THAN SEVEN DAYS PRIOR TO THE SCHEDULED CLOSING DATE FOR THE RECEIPT OF BID PROPOSALS SHALL BE DEEMED UNTIMELY. ANY INTERPRETATION OR CORRECTION OF THE CONTRACT DOCUMENTS WILL BE MADE ONLY BY WRITTEN ADDENDUM DULY ISSUED BY THE OWNER OR THE ENGINEER. A COPY OF ANY SUCH ADDENDUM WILL BE MAILED OR OTHERWISE DELIVERED TO EACH BIDDER RECEIVING A SET OF THE CONTRACT DOCUMENTS. NO PERSON IS AUTHORIZED TO RENDER AN ORAL INTERPRETATION OR CORRECTION OF ANY PORTION OF THE CONTRACT DOCUMENTS TO ANY BIDDER, AND NO BIDDER IS AUTHORIZED TO RELY ON ANY SUCH ORAL INTERPRETATION OR CORRECTION. FAILURE TO REQUEST INTERPRETATION OR CLARIFICATION OF THE DRAWINGS, THE SPECIFICATIONS OR OTHER PORTIONS OF THE CONTRACT DOCUMENTS PURSUANT TO THE FOREGOING SHALL BE DEEMED TO BE A WAIVER OF ANY DISCREPANCY, DEFECT, OR CONFLICT THEREIN.

4. VERIFICATION OF EXISTING UTILITIES. EXISTING BURIED PIPELINES, CONDUITS AND STRUCTURES KNOWN TO THE PREPARER OF THE DRAWINGS ARE SHOWN ON THE DRAWINGS. HOWEVER, ALL SUCH PIPELINES AND STRUCTURES MAY NOT BE SHOWN AND THE LOCATIONS OF THOSE SHOWN ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE PREPARER OF THE DRAWINGS. CONTRACTOR SHALL INDEPENDENTLY VERIFY OR DETERMINE THE PRESENCE OF EXISTING BURIED PIPELINES, CONDUITS, AND STRUCTURES WITHIN THE WORK AREA WITH THE UTILITY COMPANIES, THE WATER AND SANITARY AGENCIES, AND THE PROPERTY OWNER. BEFORE COMMENCING WORK, CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS INCLUDING DEPTHS OF ALL EXISTING UNDERGROUND PIPELINES, CONDUITS AND STRUCTURES, INCLUDING SERVICE CONNECTIONS, WHICH MAY AFFECT OR BE AFFECTED BY HIS OPERATIONS AND SHALL MARK THESE LOCATIONS WITH PAINT OR FLAGS. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND PIPELINES, CONDUITS AND STRUCTURES. UPON BECOMING AWARE OF EXISTING BURIED PIPELINES, CONDUITS OR STRUCTURES NOT SHOWN OR LOCATED DIFFERENTLY THAN SHOWN ON THE DRAWINGS, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE AND THE OWNER OF THE PIPELINE, CONDUIT OR STRUCTURE BY TELEPHONE AND IN WRITING. IF SUCH PIPELINE, CONDUIT OR STRUCTURE AFFECTS OR IS AFFECTED BY THE WORK, CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION AND DIRECTION BEFORE PROCEEDING WITH THE WORK, EXCEPTING THAT IN AN EMERGENCY AFFECTING SAFETY OF LIFE, WORK OR ADJACENT PROPERTY, CONTRACTOR SHALL ACT AT ONCE WITHOUT INSTRUCTIONS TO PREVENT INJURY OR LOSS. SEE ARCHITECTURAL, ELECTRICAL, AND CIVIL PLANS FOR OTHER SITE UTILITIES.

5. DAMAGE / DEMOLITION REPAIR: IN THE EVENT THAT EXISTING UTILITIES OF ANY TYPE ARE DAMAGED BY CONTRACTOR, CONTRACTOR SHALL IMMEDIATELY REPAIR DAMAGE AND RESTORE SERVICES. IF REPAIRS ARE NOT ABLE TO BE MADE IMMEDIATELY, CONTRACTOR SHALL INSTALL TEMPORARY UTILITIES AS REQUIRED TO MAINTAIN UTILITY SERVICES TO ALL BUILDINGS AND FACILITIES. ALL CONCRETE CURB AND GUTTER, FLATWORK, AND LANDSCAPING REMOVED OR DAMAGED BY CONTRACTOR SHALL BE REPLACED IN-KIND BY CONTRACTOR. IT IS THE INTENT OF THIS SECTION THAT THE CONTRACTOR BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THESE NOTES.

6. DIMENSIONS. ALL DIMENSIONS SHALL HAVE PREFERENCE OVER SCALE. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD. ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS BEFORE PROCEEDING WITH WORK. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON WORKING DRAWINGS. ALL SIZES OF EQUIPMENT AND MATERIALS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER. ALL PLUMBING FIXTURES SHALL BE INSTALLED PER THE DIMENSIONS ON THE ARCHITECTURAL DRAWINGS.

7. CODES AND STANDARDS: ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE 2025 CALIFORNIA PLUMBING CODE, THE 2025 CALIFORNIA MECHANICAL CODE, THE 2025 CALIFORNIA BUILDING CODE, THE STATE OF CALIFORNIA, THE LOCAL JURISDICTION, AND STANDARD CONSTRUCTION PRACTICES. ALL PLUMBING FIXTURES SHALL BE IN STRICT ACCORDANCE WITH THE FIXTURE SCHEDULE, AND SHALL BE NEW AND FREE FROM DEFECTS. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES, AND SHALL OBTAIN APPROVED INSPECTIONS FOR ALL WORK AS REQUIRED BY OWNER, AND LOCAL JURISDICTION. CONTRACTOR SHALL MAINTAIN IN EFFECT ALL INSURANCE REQUIRED BY STATE LAWS, LOCAL JURISDICTION, AND GENERAL CONTRACTOR / OWNER. WHERE CONFLICT OR VARIATION EXISTS AMONGST CODES, STANDARDS SPECIFICATIONS, OR DRAWINGS, THE MOST STRINGENT SHALL GOVERN.

8. SUBMITTALS REQUIRED: PRIOR TO ORDERING FIXTURES AND MATERIALS, CONTRACTOR SHALL FURNISH SUBMITTALS OF ALL FIXTURES AND MATERIALS PROPOSED FOR USE IN THIS PROJECT. ALL FIXTURES AND MATERIALS SHALL BE INSTITUTIONAL GRADE HEAVY DUTY QUALITY. ORDERING OF FIXTURES AND MATERIALS SHALL ONLY PROCEED AFTER SATISFACTORY REVIEW OF ALL SUBMITTALS BY ENGINEER / OWNER. COPIES OF ALL OWNER'S MANUALS, WARRANTIES, AND OTHER WRITTEN INFORMATION REGARDING SYSTEMS SHALL BE SUBMITTED TO OWNER.

9. CONSTRUCTION OBSERVATION: IN ADDITION TO THE REQUIREMENT FOR OBTAINING INSPECTIONS BY THE LOCAL JURISDICTION, CONTRACTOR SHALL NOTIFY ENGINEER AT APPROPRIATE TIMES DURING THE CONSTRUCTION PROCESS SO THAT ENGINEER CAN VISIT SITE TO BECOME GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF CONTRACTOR'S WORK AND TO DETERMINE IF THE WORK IS PROCEEDING IN GENERAL ACCORDANCE WITH THE CONTRACT DOCUMENTS.

10. UNDERGROUND ALERT: CALL 811 BEFORE YOU DIG OR VISIT [CALIFORNIA811.ORG](#) TO REQUEST A TICKET ONLINE."

DO NOT START ANY EXCAVATION JOB WITHOUT FIRST OBTAINING A POSITIVE RESPONSE FROM SOCGAS THAT YOUR LOCATION AND MARK REQUEST HAS BEEN ADDRESSED.

BEFORE LAYING OUT PIPING AND PERFORMING TRENCHING, CONTRACTOR SHALL DETERMINE LOCATIONS OF EXISTING UNDERGROUND UTILITIES. CONTACT "DIG ALERT / UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA" - 811 OR [CALIFORNIA811.ORG](#). CONTRACTOR SHALL ALSO CONTACT OWNER'S REPRESENTATIVE TO ASCERTAIN LOCATIONS OF UNDERGROUND PIPING AND OTHER CONDITIONS AFFECTING TRENCHING, AND SHALL PERFORM TESTING AND SUBSURFACE EXPLORATION AS NECESSARY TO LOCATE UTILITIES.

11. TRENCHING: MATERIAL SHALL BE EXCAVATED FROM TRENCHES AND PILED ADJACENT TO THE TRENCH. STRIP GRASS/ ROOT MAT BEFORE EXCAVATING AND SEPARATE FROM EXCAVATION SPOILS STOCKPILE. ALL ROCK, BOULDERS, AND STONES SHALL BE REMOVED TO PROVIDE A MINIMUM CLEARANCE OF SIX (6) INCHES UNDER AND AROUND PIPES. EXCAVATIONS SHALL BE KEPT FREE OF WATER. TRENCHES SHALL BE DUG TO TRUE AND SMOOTH BOTTOM GRADES AND IN ACCORDANCE WITH THE LINES INDICATED ON DRAWINGS AND AS DIRECTED. TRENCH WIDTHS SHALL NOT EXCEED 30 INCHES OR 1.5 TIMES OUTSIDE DIAMETER OF THE PIPE PLUS 18 INCHES WHICHEVER IS GREATER. MINIMUM TRENCH WIDTH SHALL BE WIDE ENOUGH TO ENSURE CLEAN-OUT OF DISTURBED SOILS AND ACCOMMODATE MECHANICAL COMPACTION EQUIPMENT (APPLIES TO BOTH TRENCHES AND VAULT/ BOX EXCAVATIONS).

TRENCHING FOR SEWERS AND DRAINS SHALL BE OF SUFFICIENT WIDTH TO PERMIT PROPER JOINTING OF THE PIPE AND BACKFILLING OF MATERIAL ALONG THE SIDES OF THE PIPE. TRENCH WIDTH AT THE SURFACE OF THE GROUND SHALL BE KEPT TO THE MINIMUM AMOUNT NECESSARY TO INSTALL THE PIPE IN A SAFE MANNER. TRENCHES SHALL BE EXCAVATED BELOW THE BARREL OF THE PIPE A SUFFICIENT DISTANCE TO PROVIDE FOR BEDDING MATERIAL.

WHERE THE TRENCH BOTTOM IS IN A MATERIAL WHICH IS UNSUITABLE FOR FOUNDATION OR WHICH WILL MAKE IT DIFFICULT TO OBTAIN UNIFORM BEARING FOR THE PIPE, SUCH MATERIAL SHALL BE REMOVED AND A STABLE FOUNDATION PROVIDED. THIS SHALL INCLUDE THE PREPARATION OF THE NATIVE TRENCH BOTTOM AND/OR THE TOP OF THE FOUNDATION MATERIAL TO A UNIFORM GRADE SO THAT THE ENTIRE LENGTH OF PIPE RESTS FIRMLY ON A SUITABLE PROPERLY COMPACTED MATERIAL. CLEAN AGGREGATE BASE TO BE USED FOR FOUNDATION PURPOSES SHALL BE OF A TYPE AND GRADATION TO PROVIDE A SOLID COMPACT BEDDING IN THE TRENCH.

12. BACKFILL: CONTRACTOR SHALL COMPLETE 4" SAND (COMPACTED TO 95%) BEDDING UNDER PIPE AND THEN BACKFILL TO 6 INCHES OVER THE TOP OF THE PIPE WITH SAND BEFORE STARTING BACKFILLING OPERATIONS. UNSTABLE AND/ OR WET EXCAVATION BOTTOMS SHALL REQUIRE PLACEMENT OF AT LEAST 6" (COMPACTED THICKNESS) OF CLEAN AGGREGATE BASE UNDER PIPE IN LIEU OF BEDDING SAND. TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE PIPE FROM DAMAGE, MOVEMENT AND SHIFTING. COMPACTION EQUIPMENT USED ABOVE THE PIPE ZONE SHALL BE OF A TYPE THAT DOES NOT INJURE THE PIPE. WHERE ORIGINAL EXCAVATED MATERIAL IS UNSUITABLE FOR TRENCH BACKFILL, AGGREGATE BASE SHALL BE PLACED. UNSUITABLE MATERIAL SHALL BE REMOVED TO A DISPOSAL AREA. WHEREVER A TRENCH IS EXCAVATED IN A PAVED ROADWAY, SIDEWALK OR OTHER AREA WHERE MINOR SETTLEMENTS WOULD BE DETRIMENTAL AND WHERE NATIVE EXCAVATED MATERIAL IS NOT SUITABLE FOR COMPACTION AS BACKFILL, TRENCH SHALL BE BACKFILLED WITH AGGREGATE BASE. WARNING TAPE MARKERS AND TRACER WIRES SHALL BE INSTALLED DURING BACKFILL OPERATIONS.

THE METHOD OF COMPACTION SHALL BE AT CONTRACTOR'S OPTION, UNLESS EXCAVATION PERMIT REQUIRES A SPECIFIC TYPE. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE PROPER SIZE AND TYPE OF COMPACTION EQUIPMENT AND SELECT THE PROPER METHOD OF UTILIZING SAID EQUIPMENT TO ATTAIN THE REQUIRED COMPACTION DENSITY. COMPACTION BY WATER JETTING WILL NOT BE PERMITTED.

WHERE BACKFILL IS REQUIRED TO BE COMPACTED TO A SPECIFIED DENSITY, TESTS FOR COMPLIANCE SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING AUTHORITY. ALLOW TESTING SERVICE TO INSPECT AND APPROVE EACH SUBGRADE AND FILL LAYER BEFORE FURTHER FILL, BACKFILL OR CONSTRUCTION WORK IS PERFORMED.

13. PIPING LOCATIONS: PIPING LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL VERIFY DEPTHS AND LOCATIONS OF ALL LATERAL STUBS, OFFSETS, OBSTRUCTIONS, ETC REQUIRED IN THE FIELD. THE ACTUAL LOCATIONS OF LINES, CLEANOUTS AND CONNECTIONS MAY VARY PROVIDED THAT COMPLETE SYSTEMS ARE SIZED AND INSTALLED IN COMPLIANCE WITH CODES. ANY SIGNIFICANT DEVIATIONS FROM THE PLANS SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER PRIOR TO INSTALLATION. VERIFY CONNECTIONS LOCATIONS AND RELOCATABLES. CUT & PATCH FINISHED SURFACES AS NEEDED FOR PIPE INSTALLATION. PATCH SHALL MATCH ADJACENT SURFACES. MINIMUM CONCRETE PATCH 5 FT. IN WALKWAYS.

14. SEWER PIPING: SEWER SHALL BE U.S. MANUFACTURED SCHEDULE 40 PVC PLASTIC GRAVITY SEWER PIPE MEETING THE REQUIREMENTS OF ASTM D-2665 & D-1785& NSF LISTED. INSTALL WARNING TAPE 12" ABOVE PIPE DURING COMPACTION.

15. CLEANOUTS: CLEANOUTS IN CONCRETE WALKWAY SHALL BE CAST IRON BODY WITH BRONZE PLUG AND SQUARE ADJUSTABLE NON-SKID NICKEL-BRONZE TOP WITH VANDAL PROOF TOP FOR FINISHED FLOOR, J.R. SMITH 4043S-PB-U, ZURN ZN-1400-TVP, OR EQUAL. CLEANOUTS TO GRADE SHALL BE J.R. SMITH 4283S OR EQUAL WITH BRONZE PLUG. NON-TRAFFIC OR NON-SURFACED AREAS SHALL BE INSTALLED WITH CAST IRON CLEANOUT RISERS TERMINATING WITH BRONZE PLUG WITHIN CHRISTY YARD BOX F08 WITH V01-71C LID AND THE WORDS "BUILDING SEWER CLEANOUT" MARKED ON COVER.

16. CAP UNDERGROUND ABANDONED SEWER PIPING THAT WAS CUT AND NOT REMOVED.

17. TESTING: ALL PIPING AND FIXTURES INSTALLED SHALL BE TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2025 CALIFORNIA PLUMBING CODE, THE LOCAL JURISDICTION, AND THE SCHOOL DISTRICT STANDARDS. UPON COMPLETION OF THE ENTIRE WATER SUPPLY SYSTEM, ADEQUATE TIME SHALL BE GIVEN FOR SOLVENT WELDED FITTINGS TO CURE PER MANUFACTURER'S RECOMMENDATIONS, AND THE SYSTEM SHALL BE TESTED WITH WATER. SEWER PIPING SHALL BE TESTED WITH WATER FOR FOUR HOURS WITH 10 FOOT OF HEAD WITHOUT EVIDENCE OF LEAKING.

18. AFTER TESTING MAKE FINAL CONNECTIONS TO SITE SEWER PIPING AT EACH END. COORDINATE FINAL CONNECTION TIMING WITH OWNER.

19. CORRECTION OF WORK: THE CONTRACTOR SHALL PROMPTLY CORRECT ALL WORK THE COLLEGE DISTRICT FINDS DEFECTIVE OR FAILING TO CONFORM TO THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BEAR ALL COSTS REQUIRED BY THE CONTRACT DOCUMENTS. IF ANY OF THE WORK IS FOUND TO BE DEFECTIVE OR NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL CORRECT IT PROMPTLY AFTER RECEIPT OF A WRITTEN NOTICE FROM THE COLLEGE DISTRICT TO DO SO.

20. WARRANTY: THE CONTRACTOR SHALL WARRANT THAT ALL SYSTEMS, SUBSYSTEMS, AND COMPONENT PARTS ARE FULLY FREE FROM DEFECTIVE DESIGN, MATERIALS, AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE SCHOOL DISTRICT.

21. AS-BUILT DRAWINGS SHALL BE GIVEN TO THE SCHOOL DISTRICT PRIOR TO ACCEPTANCE OF THE PROJECT. AS-BUILT DRAWINGS SHALL HAVE DIMENSIONS, DEPTHS, & INVERT FROM ADJACENT BUILDINGS AND INCLUDE ACTUAL LOCATIONS OF CLEAN-OUTS, VALVES, AND POINT OF CONNECTION TO EXISTING.

22. CLEANUP: CONTRACTOR SHALL THOROUGHLY CLEAN ENTIRE JOBSITE EVERY DAY OF ALL DEBRIS ASSOCIATED WITH PLUMBING INSTALLATION.

23. COORDINATION: CONTRACTOR SHALL COORDINATE WITH THE SCHOOL DISTRICT'S PROJECT MANAGER AND ALL RELATED TRADES.

24. CUTTING AND PATCHING. WORK INCLUDES CUTTING AND PATCHING (TO MATCH EXISTING) ALL SURFACES AND SYSTEMS DISTURBED BY THE PLUMBING WORK. PATCH CONCRETE WALKWAY WITH 2500 PSI MIN CONCRETE WITH REBAR. INSTALL DRIVEN REBAR TO EXISTING. REPLACE WHOLE CONCRETE PANELS AND FINISH PER ADJACENT SURFACE.

25. LANDSCAPE RESTORATION. CONTRACTOR SHALL REPAIR ANY BROKEN SPRINKLER LINES OR WIRING AND RESTORE TO WORKING ORDER. ALL LANDSCAPES AND PLANTS SHALL BE RESTORED TO MATCH ADJACENT SURFACES. INSTALL NEW SOD WHERE TRENCHES CROSS EXISTING LAWN AREAS, AND WATER UNTIL ESTABLISHED.

SEWER VIDEO REQUIREMENTS

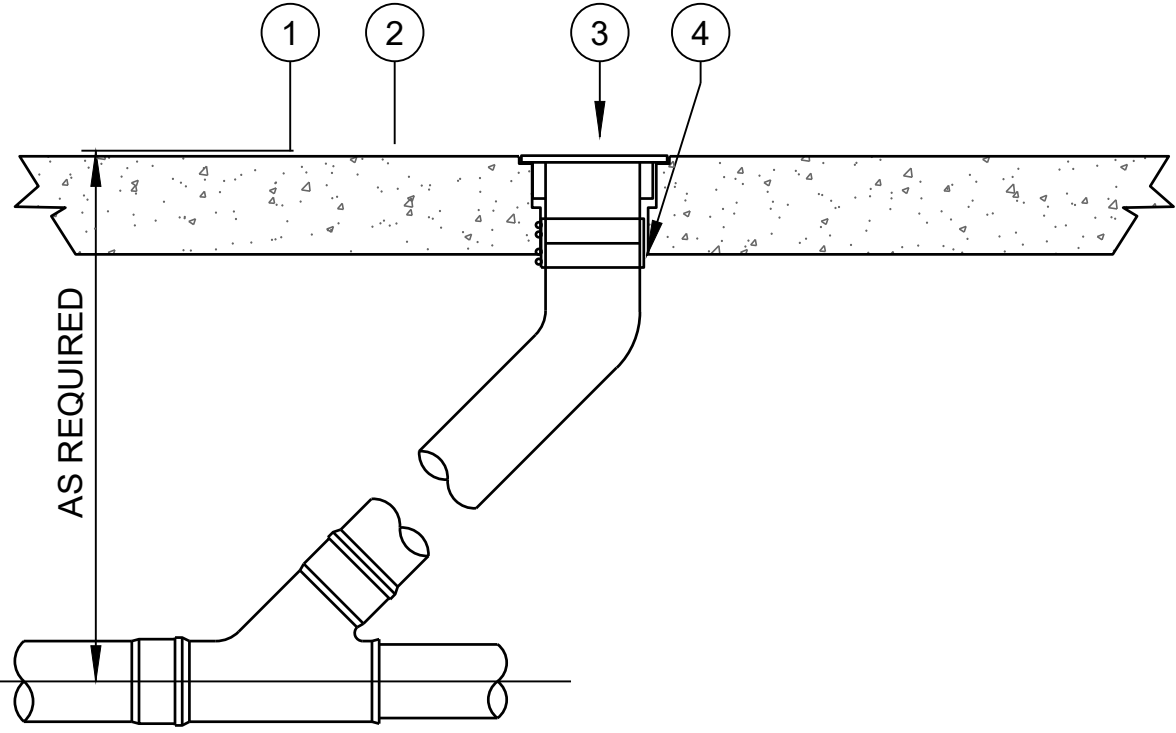
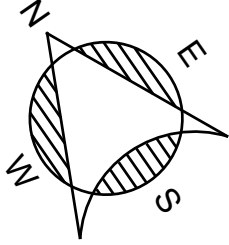
AFTER SEWER PIPE INSTALLATION & SOIL COMPACTION ALL SEWER PIPING SHALL BE VIDEO SURVEYED WITH 1 GPM FLOWING. VIDEO SHALL DEMONSTRATE THAT THERE ARE NO DEFECTS, SAGS, OR BELLIES IN THE SEWER MAIN. PROVIDE VIDEO TO PROJECT MANAGER FOR REVIEW. IF DEFECTS, SAGS, OR BELLIES ARE FOUND CONTRACTOR SHALL RE-INSTALL AFFECTED SECTION AND VIDEO AGAIN.

PROJECT SCOPE OF WORK

- 1. AT THE BEGINNING OF THE PROJECT POTHOLE AND SURVEY FOR INVERTS THE POINTS OF CONNECTION TO VERIFY AVAILABLE SLOPE OF THE NEW SEWER. PROVIDE SHOP DRAWING OF PROPOSED PIPE SLOPE.
- 2. TRENCH AND INSTALL PIPING PER SPECS. BACKFILL AND COMPACT
- 3. VIDEO NEW PIPING TO VERIFY PROPER INSTALLATION
- 4. PATCH CONCRETE WALKWAY AND REPLACE GRASS AT TRENCHED AREA
- 5. CONCRETE WORK AT STUDENT SERVICES BUILDING IS NOT A PART OF THIS SCOPE



PROJECT LOCATION

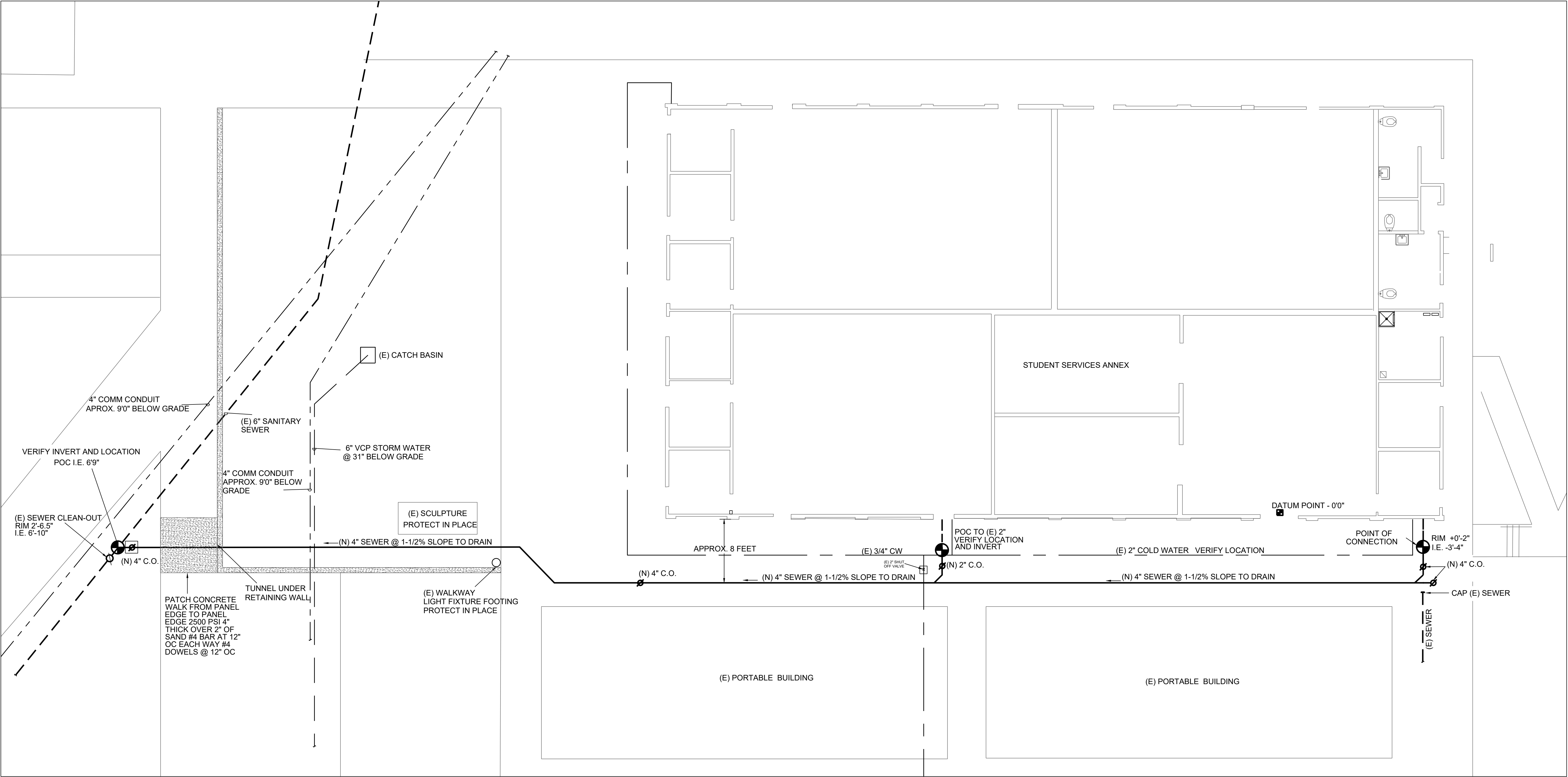


- 1. FINISHED GRADE
- 2. CONCRETE SURFACE BY OTHERS UNPAVED AREA. EXTEND 6" MIN ALL AROUND BOX.
- 3. NICKEL BRONZE SQUARE TOP CLEANOUT JR SMITH 4043S
- 4. NO HUB W/ 4 BAND COUPLING

1 SURFACE CLEANOUT TO GRADE
SCALE: N.T.S.

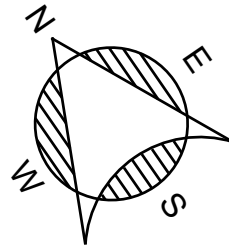


	REV.	DATE	 838 East Front Street Ventura, California 93001-2925 (805) 653-1722 hugh@ae-groupme.com	M O O R P A R K C O L L E G E			DEPARTMENT OF MAINTENANCE & OPERATIONS	SCALE: AS SHOWN	STUDENT SERVICE ANNEX SEWER RE-ROUTING PROJECT				
				7075 CAMPUS ROAD, MOORPARK, CALIFORNIA 93021				DATE: 7-16-26	SPECIFICATIONS PLUMBING NOTES	SHEET NO.			
				V E N T U R A C O U N T Y C O M M U N I T Y C O L L E G E D I S T R I C T				BLDG. NO.		P1			
								PHONE: (805) 378-1454 FAX: (805) 378-1593		1 OF 2			



- NOTES:
1. EXISTING UNDERGROUND PIPING AS SHOWN ON THE DRAWINGS PROVIDED BY THE DISTRICT IS INDICATED ON THIS PLAN. HOWEVER THE PIPING LOCATIONS AND DEPTHS HAVE NOT BEEN INDEPENDENTLY VERIFIED AND MAY NOT BE COMPLETE.
 2. CONTRACTOR IS RESPONSIBLE FOR VERIFYING DEPTH AND COMPLETE FUNCTIONING SYSTEM, DETERMINING ACTUAL LOCATIONS WILL REQUIRE INVESTIGATION, POT HOLING, AND SURVEYING.
 3. AT THE BEGINNING OF CONSTRUCTION POTHOLE POINTS OF CONNECTIONS AND SURVEY TO VERIFY AVAILABLE SLOPE TO DRAIN. PROVIDE INVERT ELEVATIONS BASED ON COMMON DATUM POINT TO ENGINEER FOR REVIEW PRIOR TO STARTING SEWER INSTALLATION.
 4. THE HARDSCAPE BETWEEN THE BUILDINGS WILL BE PROVIDED UNDER A SEPARATE CONTRACT. COMPACT TRENCH IN THIS AREA TO 6\"/>

PLUMBING SITE PLAN
SCALE: 1/8"=1'0"



REV	DATE

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SCALE: AS SHOWN
DATE: 7-16-26
BLOG. NO.

STUDENT SERVICE ANNEX
SEWER RE-ROUTING PROJECT
SEWER SITE
PLAN

SHEET NO.
P2
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