

Measure C Bond Office

February 26, 2026

To: All Bidders

From: Sandra Lovaas, Measure C Bond Manager
Pleasant Valley School District

Subject: Addendum 2, **Bid FB-26-01, Santa Rosa Technology Magnet Elementary School, Site Piping Replacement, Phase 2 and Quad Renovation Project**

This addendum is hereby made a part of the Contract Documents for **Bid FB-26-01, Santa Rosa Technology Magnet Elementary School, Site Piping Replacement, Phase 2 and Quad Renovation Project** to the same extent as though it was originally included therein and takes precedence over the original documents.

Receipt of this addendum should be acknowledged on the Bid Form.

1) Provides the following sheets.

- G1
- G2
- C-1
- CD-1
- CD-2
- Addendum Cover Sheet – Jordan & Bain Landscaping Architects, Inc
- L4.1
- L5.1
- P3.0
- P3.1

Addendum sheets supersede original bid packet sheets and must be used for purpose of providing a bid submission.



Pleasant Valley School District

600 Temple Avenue • Camarillo, CA 93010 • (805) 389-2100 (Office) • www.pleasantvalleysd.org
PVSD prepares 21st century learners who are responsible members of our global society.

SITE IMPROVEMENT PLANS - PHASE II

SANTA ROSA TECHNOLOGY MAGNET ELEMENTARY SCHOOL

SITE PIPING REPLACEMENT, PHASE 2 & QUAD RENOVATION PROJECT

CITY OF CAMARILLO, CALIFORNIA



PLEASANT VALLEY
SCHOOL DISTRICT

600 TEMPLE AVENUE,
CAMARILLO, CA 93010

ENGINEER

ENGINEER'S STAMP

CONSULTANT



CONSULTANT'S STAMP



PROJECT TITLE AND ADDRESS

SITE PIPING REPLACEMENT,
PHII & QUAD RENOVATION
PROJECT

SANTA ROSA
TECHNOLOGY MAGNET
SCHOOL
13282 SANTA ROSA RD,
CAMARILLO, CA 93012

REVISIONS

ADDENDUM 1	2/25/2026

BUILDING & ASSOCIATES INC. CONSULTING ENGINEERS. THESE DOCUMENTS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WITHOUT THE WRITTEN CONSENT OF BUILDING & ASSOCIATES INC. NO PART OF THESE DOCUMENTS TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT OBTAINING SAID WRITTEN PERMISSION & CONSENT FROM BUILDING & ASSOCIATES INC.

SHEET TITLE

TITLE SHEET

DATE
SCALE
PROJECT NO.
DRAWN BY
CHECKED BY
SHEET NUMBER

G-1

LIST OF SYMBOLS:

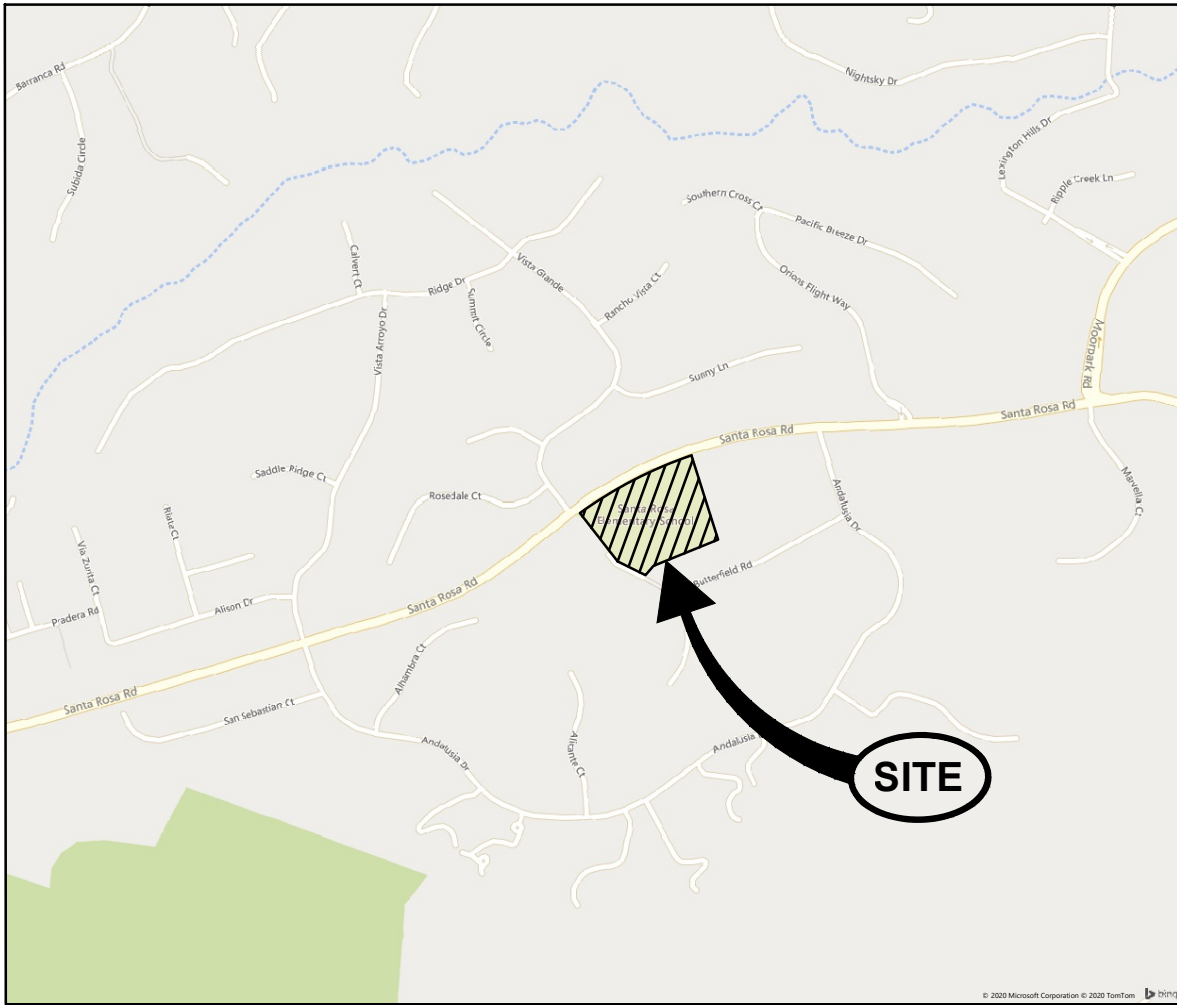
AC	ASPHALTIC CONCRETE
ACP	ASBESTOS CEMENT PIPE
AB	AGGREGATE BASE
BC	BEGIN CURVE
BCR	BEGIN CURB RETURN
BD	BASEMENT DRAIN
BFV	BUTTERFLY VALVE
BM	BENCHMARK
BV	BALL VALVE
BVC	BEGIN VERTICAL CURVE
BW	BACK OF WALK
CP	CAST IRON PIPE
CJ	CRACK CONTROL JOINT
CL	CLASS
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CTV	CABLE TELEVISION
DIP	DUCTILE IRON PIPE
D	DRAIN
E	ELECTRICAL
DI	DROP INLET
EC	END CURVE
ECR	END CURB RETURN
EG	EXISTING GRADE
EJ	EXPANSION JOINT
EL	ELEVATION
EP	EDGE OF PAVEMENT
EW	END VERTICAL CURVE
EX	EXISTING
FD	FLOOR DRAIN
FF	FINISH FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOWLINE
FLG	FLANGE
FS	FINISH SURFACE
G	GAS
GB	GRADE BREAK
GM	GAS METER
GSP	GALVANIZED STEEL PIPE
GSV	GAS VALVE
GV	GATE VALVE
HB	HOSE BIB
HP	HIGH POINT
INV	INVERT
LF	CURVE LENGTH
LF	LINEAL FEET
MH	MANHOLE
MJ	MECHANICAL JOINT
NIC	NOT INCLUDED IN CONTRACT
OC	ON CENTER
OCEW	ON CENTER EACH WAY
PCC	POINT OF COMPOUND CURVATURE
PI	POINT OF INTERSECTION (OF CURVE TANGENTS)
PI	PROPERTY LINE
PRC	POINT OF REVERSE CURVATURE
PVC	POLY-VINYL CHLORIDE
PV	PLUG VALVE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RG	RETAINING GLAND
RSJ	ROUGH SURFACE JOINT
R/W	RIGHT-OF-WAY
S	SEWER
SD	STORM DRAIN
SL	STREET LIGHT
ST STL	STAINLESS STEEL
STA	STATION
STD DTL	STANDARD DETAIL
T	TELEPHONE
T BLK	THRUST BLOCK
TB	TOP OF BERM
TC	TOP OF CURB
TCN	TOP OF CONCRETE
TD	TOP OF DIKE
TF	TOP OF FOOTING
TG	TOP OF GRATE
TI	TRAFFIC INDEX
TL	TRAFFIC LIGHT
TP	TOP OF PAVEMENT
TYP	TYPICAL
TW	TOP OF WALL
VCP	VITRIFIED CLAY PIPE
VPI	VERTICAL POINT OF INTERSECTION (OF VERTICAL CURVE TANGENTS)
W	WATER
W	WITH
WD	WALL DRAIN
WM	WATER METER
WV	WATER VALVE
Δ	DELTA (CURVE CENTRAL ANGLE)
%	PERCENT
<	LESS THAN
>	GREATER THAN

LEGEND:

DESCRIPTION	EXISTING	PROPOSED
CENTERLINE	---	---
EDGE OF A.C. PAVEMENT	---	---
ELEVATION	100.00 OR 100.00	100.00
CONCRETE PAVEMENT	CONCRETE PAVEMENT	CONCRETE PAVEMENT
A.C. PAVEMENT	---	---
PROPERTY LINE	---	---
RIGHT-OF-WAY LINE	---	---
EASEMENT LINE	---	---
CONTOURS (MAJOR)	10	10
CONTOURS (MINOR)	12	12
BENCH MARK	BENCH MARK	BENCH MARK
TREE CANOPY	TREE CANOPY	TREE CANOPY
APPROX. SAW CUT LINE	---	---
LIMIT OF GRADING LINE	---	---
GRADE BREAK LINE	---	---
FLOW LINE	---	---
SLOPE LINE	---	---
FENCE	---	---
RETAINING WALL	---	---
WATER	---	---
SEWER	---	---
STORM DRAIN	---	---
POWER	---	---
GAS	---	---
TELEPHONE	---	---
CABLE TV	---	---
MANHOLE	---	---
CLEANOUT	---	---
WATER METER & LATERAL	---	---
FIRE HYDRANT	---	---
THRUST BLOCK	---	---
FITTING	---	---
STREET LIGHT	---	---

OWNERS RESPONSIBILITIES:

- PRIOR TO COMMENCING CONSTRUCTION CALLED FOR BY THESE PLANS, SPECIFICATIONS AND DETAILS, THE OWNER SHALL ENGAGE A GEOTECHNICAL ENGINEER TO PROVIDE CONSTRUCTION PHASE OBSERVATION AND TESTING SERVICES AN SHALL ALSO ENGAGE THE PROJECT ENGINEER OR ANOTHER QUALIFIED PARTY TO PROVIDE PROJECT CONSTRUCTION OBSERVATION AND ASSURANCES ON CONFORMANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND AGENCY REQUIREMENTS. THE OWNER SHALL ALSO ASSURE THAT CONTRACTOR(S) ENGAGED TO PROPERLY IMPLEMENT THE CONSTRUCTION CALLED FOR ON THESE PLANS, SPECIFICATIONS AND DETAILS INCLUDING THOSE TASKS CALLED FOR ON THE PROJECT STORM WATER POLLUTION PREVENTION PLAN DOCUMENT OR EROSION CONTROL PLAN SHEETS ATTACHED AS PART OF THESE PLANS.
- GEOTECHNICAL ENGINEER'S RESPONSIBILITIES:
 - A GEOTECHNICAL ENGINEER SHALL REVIEW THESE PLANS WITH RESPECT TO GENERAL CONFORMANCE WITH THE INTENT OF THE RECOMMENDATIONS PRESENTED IN THE PROJECT SOILS ENGINEERING REPORT. THE PLAN REVIEW SHALL BE PERFORMED SPECIFICALLY WITH RESPECT TO GEOTECHNICAL FACTORS DISCUSSED IN THE REFERENCED REPORT. IN PERFORMING THE REVIEW, A GEOTECHNICAL ENGINEER SHALL ATTEMPT TO VERIFY THAT THE CONCEPTS AND RECOMMENDATIONS PRESENTED IN THE REPORT ARE GENERALLY INCORPORATED INTO THE PLANS. IN ACCORDANCE WITH THIS LEVEL REVIEW, THE PLANS ARE TO BE FOUND IN SUBSTANTIAL CONFORMANCE WITH THE CONCEPTS AND RECOMMENDATIONS PRESENTED IN THE NOTED REPORT.
 - UPON BEING RETAINED BY THE OWNER, PRIOR TO CONSTRUCTION THE GEOTECHNICAL ENGINEER SHALL RECOMMEND TO THE OWNER AND THE CONTRACTOR THE LEVEL OF OBSERVATION AND TESTING THAT WILL BE PROVIDED DURING CONSTRUCTION, PROVIDED THAT THE CONTRACTOR FULFILLS HIS OR HER RESPONSIBILITY FOR TIMELY REQUESTS FOR THOSE SERVICES DURING CONSTRUCTION. THE GEOTECHNICAL ENGINEER SHALL PROVIDE OBSERVATION AND TESTING AT THE PROJECT WORK AREA OF EARTHWORK OPERATIONS, INCLUDING TRENCHING AND PAVEMENT SUBGRADE PREPARATION, AS NECESSARY TO HAVE REASONABLE CERTAINTY THAT THE EARTHWORK IS PERFORMED IN GENERAL COMPLIANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS, AND WITH THE REQUIREMENTS OF THE CITY OF CAMARILLO.
 - UPON COMPLETION OF EARTHWORK, THE GEOTECHNICAL ENGINEER SHALL, UPON REQUEST, PROVIDE A FINAL REPORT WITH RESULTS OF THEIR OBSERVATION AND TESTING DURING EARTHWORK OPERATIONS, PROVIDED THAT THE WORK IS PERFORMED IN CONFORMANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. THE REPORT WILL STATE THEIR OPINION THAT THE GRADING WAS COMPLETED IN SUBSTANTIAL COMPLIANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
- CONTRACTORS STORM WATER POLLUTION CONTROL RESPONSIBILITIES:
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO CONSTRUCT AND MAINTAIN POLLUTION PREVENTION MEASURES, INCLUDING THOSE FOR EROSION AND SEDIMENT CONTROL, AS NECESSARY TO PREVENT ANY POLLUTANT AT ANY LEVEL FROM BEING CONVEYED OFF THE CONSTRUCTION SITE AND THAT THESE MEASURES MUST CONTINUE TO BE MAINTAINED UNTIL THE REQUIRED POST-CONSTRUCTION POLLUTION PREVENTION MEASURES ARE IN PLACE AND COMPLETELY FUNCTIONAL, INCLUDING PERMANENT LANDSCAPING.
 - THE SPECIFIC MEASURES WHICH MAY BE CALLED FOR ON THE PROJECT STORM WATER POLLUTION PREVENTION PLAN CANNOT ADDRESS ALL SITE DEVELOPMENT AND STORM CHARACTERISTICS WHICH WILL EVOLVE OVER THE COURSE OF CONSTRUCTION AND THAT IT IS THE CONTRACTORS RESPONSIBILITY TO NOT ONLY IMPLEMENT THE PLAN, BUT TO MAKE ADJUSTMENTS AND EXPANSIONS IN THE IMPLEMENTATION AS NECESSARY TO ADAPT TO THE CONTRACTORS CONSTRUCTION OPERATIONS AND SCHEDULE AND ADDRESS EVOLVING SITE CONDITIONS AND ACTUAL WEATHER CONDITIONS.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE EMPLOYEES AND SUBCONTRACTORS ARE TRAINED REGARDING THESE REQUIREMENTS AND TO MAINTAIN RECORDS OF THE INSTALLATION, MODIFICATION, INSPECTION, AND MAINTENANCE OF STORM WATER POLLUTION PREVENTION MEASURES INCLUDING, BUT NOT LIMITED TO: TRAINING, INSPECTION, MAINTENANCE LOG, RECORD DRAWINGS SHOWING LOCATIONS, LIMITS, AND DATES OF INSTALLATION FOR VARIOUS MEASURES; DATED PHOTOGRAPHERS AND FIELD SKETCHES.
 - THE CONTRACTOR SHALL BE FAMILIAR WITH AND AGREE TO IMPLEMENT THE MEASURES AND INSTALLATIONS DEPICTED ON THE PROJECT STORM WATER POLLUTION PREVENTION PLAN INCLUDING INSTALLATION, ROUTINE INSPECTION AND MAINTENANCE, ADJUSTMENTS AND EXPANSION DUE TO EVOLVING SITE CONDITIONS, EMERGENCY MAINTENANCE AND ADJUSTMENTS DUE TO ACTUAL STORM AND SITE CONDITIONS, AND DOCUMENTATION.



VICINITY MAP
NOT TO SCALE

USE OF PLANS

THIS DRAWING IS PROVIDED IN AN ELECTRONIC FORMAT (ON COMPUTER DISK) AS A COURTESY IF REQUESTED BY THE USER. THE DELIVERY OF THE ELECTRONIC FILE DOES NOT CONSTITUTE THE DELIVERY OF OUR PROFESSIONAL WORK PRODUCT. THE SIGNED HARD COPY PREPARED FOR THE PROJECT CONSTITUTES OUR PROFESSIONAL WORK PRODUCT AND THE HARD COPY MUST BE REFERRED TO FOR THE CORRECT DESIGN INFORMATION. THESE PLANS HAVE BEEN PREPARED SOLELY FOR USE FOR THE PROJECT SCOPE AND SITE SPECIFICALLY IDENTIFIED HEREON AT THE TIME THESE PLANS ARE SIGNED. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, USE OF ANY PART OF THESE PLANS, INCLUDING ANY NOTE OR DETAIL, FOR ANY UNAPPROVED OR REVISED PROJECT SCOPE, OR FOR ANY OTHER PROJECT AT THIS OR ANY OTHER SITE. USER AGREES TO INDEMNIFY AND HOLD HARMLESS F&A FOR ALL COSTS AND DAMAGES IF USED.

USE OF ELECTRONIC INFORMATION

ELECTRONIC INFORMATION MAY BE PROVIDED BY THE ENGINEER FOR CONVENIENCE; UNDER NO CIRCUMSTANCES SHALL DELIVERY OF ELECTRONIC FILES FOR USE BY OTHERS BE DEEMED A SALE BY THE ENGINEER AND THE ENGINEER MAKES NO WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT SHALL THE ENGINEER BE LIABLE FOR INDIRECT OR CONSEQUENTIAL DAMAGES AS A RESULT OF THE USE OR REUSE OF THE ELECTRONIC FILES BY OTHERS.

ELECTRONIC INFORMATION IS INTENDED TO PROVIDE INFORMATION SUPPLEMENTAL AND SUBORDINATE TO THE CONSTRUCTION CONTRACT DOCUMENTS. LAYOUT AND CONSTRUCTION OF PROJECT ELEMENTS SHALL BE BASED ON DIMENSIONS AND INFORMATION INCLUDED ON THE SIGNED AND SEALED CONSTRUCTION CONTRACT DOCUMENTS WHICH SHALL CONTROL OVER ELECTRONIC INFORMATION. USER IS RESPONSIBLE FOR CONFIRMING LOCATION OF PROPOSED IMPROVEMENTS BASED ON DIMENSIONS AND INFORMATION INCLUDED ON THE CONSTRUCTION CONTRACT DOCUMENTS; INCONSISTENCIES BETWEEN THE ELECTRONIC INFORMATION AND THE CONSTRUCTION CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION PRIOR TO CONSTRUCTION.

PROJECT ELEMENTS SUCH AS MANHOLES, CATCH BASINS, UTILITY VAULTS, VALVE ASSEMBLIES, STAIRS, RAMPS, WALLS, ETC. ARE SHOWN SCHEMATICALLY IN THE ELECTRONIC INFORMATION AND CONSTRUCTION OF THESE ELEMENTS SHALL BE IN ACCORDANCE WITH THE CONSTRUCTION NOTES AND DETAILS PRESENTED OR REFERENCED IN THE SIGNED AND SEALED CONSTRUCTION CONTRACT DOCUMENTS. IMPROVEMENTS CONSTRUCTED BASED ON ELECTRONIC INFORMATION AND IN CONFLICT WITH THE DRAWING DIMENSIONS DETAILS, AND THE CONSTRUCTION CONTRACT DOCUMENTS SHALL BE REMOVED AND CONSTRUCTED IN THE PROPER LOCATION AND DIMENSIONS AT CONTRACTOR'S SOLE EXPENSE.

DIGITAL DRAWINGS ARE TYPICALLY A COMPILATION OF DRAWINGS FROM A NUMBER OF SOURCES AND, AS SUCH, THERE IS INFORMATION IN THE ELECTRONIC FILE ISSUED BY THE ENGINEER THAT WAS NOT DEVELOPED BY THE ENGINEER AND IS NOT AUTHORIZED BY THE ENGINEER FOR USE BY OTHERS. ELECTRONIC INFORMATION PROVIDED BY THE ENGINEER SHALL ONLY BE APPLICABLE FOR IMPROVEMENTS DESIGNED BY THE ENGINEER AND WHICH ARE SPECIFICALLY DESIGNATED BY CONSTRUCTION NOTES AND/OR DETAILS ON THE SIGNED AND SEALED CONSTRUCTION CONTRACT DOCUMENTS.

IF DIGITAL FILES ARE OBTAINED WITH THE INTENT TO USE THEM FOR PROJECT STAKING, THEY SHALL ONLY BE USED BY A QUALIFIED ENGINEER OR LAND SURVEYOR REGISTERED IN THE STATE OF CALIFORNIA. DIGITAL INFORMATION SHALL ONLY BE USED FOR STAKING HORIZONTAL LOCATION OF PROPOSED IMPROVEMENTS AFTER IT HAS BEEN CONFIRMED WITH THE SIGNED AND SEALED CONSTRUCTION CONTRACT DOCUMENTS.

THE DIGITAL DRAWINGS ARE NOT INTENDED TO BE USED DIRECTLY FOR CONTROL OF CONTRACTOR'S GRADING OPERATIONS WITHOUT STAKING BY ENGINEER OR LAND SURVEYOR. THE INTERSECTION OF PROPOSED CUT AND FILL SLOPES WITH EXISTING GRADE IS APPROXIMATE WHERE SHOWN ON THE DRAWINGS AND SHALL BE CONFIRMED BY FIELD STAKING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT SLOPES IN CONFORMANCE WITH THE SPECIFIED AND DETAILED REQUIREMENTS CONTAINED IN THE CONTRACT DOCUMENTS.

BENCHMARK:

HORIZONTAL BASIS OF COORDINATES ARE NAD83 PER CAMARILLO HEIGHTS ELEMENTARY CONTROL POINTS 1, 2, 3.

VERTICAL DATUM IS NAVD83 PER CAMARILLO HEIGHTS ELEMENTARY CONTROL POINT 1. SANTA ROSA ELEMENTARY LOCAL CONTROL POINTS 1-5.

ELEVATION = 270.05'

CAUTION! CONFIRM BENCHMARK DATA AND CONDITION WITH PROJECT SURVEYOR (WATERS CARDENAS LAND SURVEYING) PRIOR TO USE.

TOPOGRAPHY:

EXISTING TOPOGRAPHY COMPILED BY FIELD SURVEY(S) BY WATERS CARDENAS LAND SURVEYING DATED JANUARY, 2021.

SURVEY MONUMENT PROTECTION:

PROTECT AND PRESERVE, IN PLACE, ALL SURVEY MONUMENTS AND BENCHMARKS. DO NOT DISTURB, MOVE, OR RELOCATE MONUMENTS OR BENCHMARKS WITHOUT THE PRIOR REVIEW AND APPROVAL BY THE AGENCY HAVING JURISDICTION OVER THE MONUMENT OR BENCHMARK. THE CONTRACTOR SHALL CONTRACT WITH A LICENSED SURVEYOR FOR MONUMENTS REQUIRING DISTURBANCE OR REMOVAL, AND THE SURVEYOR SHALL RESET THE MONUMENTS OR PROVIDE PERMANENT WITNESS MONUMENTS AND FILE THE REQUIRED DOCUMENTATION WITH THE COUNTY SURVEYOR PURSUANT TO BUSINESS AND PROFESSIONAL CODE SECTION 8771.

SHEET INDEX

SHEET NO.	GENERAL DESCRIPTION
1	G-1 TITLE SHEET
2	G-2 GENERAL NOTES (SPECIFICATIONS)
3	D-1 DEMOLITION PLAN
4	C-1 SITE IMPROVEMENT PLAN
5	CD-1 DETAILS
6	CD-2 DETAILS

IMPORTANT NOTICE

ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR IS TO NOTIFY UNDERGROUND SERVICE ALERT TWO WORKING DAYS PRIOR TO STARTING ANY EXCAVATION OR RESURFACING.



Know what's below.
Call before you dig.

GENERAL REQUIREMENTS OF CONTRACTOR

1. CONTRACTOR SHALL MAINTAIN A COMPLETE AND ACCURATE RECORD OF ALL CHANGES OF CONSTRUCTION FROM THAT SHOWN IN THESE PLANS AND SPECIFICATIONS FOR THE PROJECT. PROVIDING A BASIS FOR CONSTRUCTION/RECORD DRAWINGS. NO CHANGES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER AND THE AGENCY HAVING JURISDICTION.

UPON COMPLETION OF THE PROJECT, THE LICENSED CONTRACTOR SHALL DELIVER THIS RECORD OF ALL CONSTRUCTION CHANGES TO THE ENGINEER ALONG WITH A LETTER WHICH DECLARES THAT OTHER THAN THESE NOTED CHANGES THE PROJECT WAS CONSTRUCTED IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.

WARNING: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THESE PLANS MUST BE APPROVED IN WRITING BY THE PREPARER.

2. CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER AND THE AGENCY HAVING JURISDICTION BY TELEPHONE AND IN WRITING UPON DISCOVERY OF, AND BEFORE DISTURBING, ANY PHYSICAL CONDITIONS DIFFERING FROM THOSE REPRESENTED BY THE APPROVED PLANS AND SPECIFICATIONS.

3. CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS 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 CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONALS HARMLESS FROM ALL LIABILITY AND CLAIMS, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONALS.

4. CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR PROTECTION OF PUBLIC AND PRIVATE PROPERTY AT OR IN THE VICINITY OF THE JOB SITE AND FURTHER AGREES TO, AT CONTRACTORS EXPENSE, REPAIR OR REPLACE TO ORIGINAL CONDITION ALL EXISTING UTILITIES WITHIN OR IN THE VICINITY OF THE JOB SITE WHICH ARE NOT DESIGNATED FOR REMOVAL AND WHICH ARE DAMAGED OR REMOVED AS A RESULT OF CONTRACTORS OPERATIONS.

5. EXISTING BURIED CONDUITS AND STRUCTURES KNOWN TO THE ENGINEER ARE SHOWN ON THESE PLANS. HOWEVER, ALL SUCH CONDUITS AND STRUCTURES MAY NOT BE SHOWN AND THE LOCATION OF THOSE SHOWN ARE APPROXIMATE ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE PREPARER OF THE PLANS. ELECTRICAL CONDUITS AND WIRING WHICH EXIST BETWEEN ON-SITE LIGHT STANDARDS AND BETWEEN PUBLIC STREET AND TRAFFIC LIGHTS ARE SHOWN ONLY ON THESE PLANS.

CONTRACTOR SHALL INDEPENDENTLY VERIFY THE PRESENCE OF BURIED CONDUITS AND STRUCTURES, BOTH ACTIVE AND ABANDONED-IN-PLACE AND, BEFORE COMMENCING WORK, CONTRACTOR SHALL DETERMINE THE EXACT LOCATION INCLUDING DEPTHS OF ALL EXISTING UNDERGROUND UTILITIES, CONDUITS AND STRUCTURES, INCLUDING SERVICE CONNECTIONS, WHICH MAY AFFECT OR BE AFFECTED BY HIS OPERATIONS. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, CONDUITS AND STRUCTURES.

UPON ENCOUNTERING EXISTING BURIED CONDUITS OR STRUCTURES NOT SHOWN OR LOCATED DIFFERENTLY THAN SHOWN ON THE PLANS, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER OF THE CONDUIT OR STRUCTURE BY TELEPHONE AND IN WRITING. IF SUCH 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.

6. SECTION 41513 THROUGH 4217 OF THE GOVERNMENT CODE OF THE STATE OF CALIFORNIA REQUIRES THAT, TWO WORKING DAYS PRIOR TO COMMENCING ANY EXCAVATION, "UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA" BE NOTIFIED BY PHONE, TOLL FREE 1-800-422-4133, FOR THE ASSIGNMENT OF AN INQUIRY IDENTIFICATION NUMBER.

NO EXCAVATION SHALL COMMENCE UNLESS THE CONTRACTOR HAS OBTAINED THE INQUIRY IDENTIFICATION NUMBER AND EACH UTILITY OR OTHER OWNER OF SUBSURFACE FACILITIES HAS LOCATED AND PHYSICALLY MARKED THEIR SUBSURFACE FACILITIES IN THE AREA OF WORK.

7. BEFORE COMMENCING EXCAVATION, CONTRACTOR SHALL CONTACT THE COUNTY ROAD PERMITS OFFICE AND EACH UTILITY COMPANY OR OTHER OWNER OF SUBSURFACE FACILITIES WITHIN THE WORK SITE. SHALL VERIFY WHETHER OR NOT A REPRESENTATIVE WILL BE PRESENT BEFORE ANY WORK DURING EXCAVATION, AND SHALL DETERMINE SITE-SPECIFIC REQUIREMENTS FOR EXCAVATION.

8. CONTRACTOR SHALL NOTIFY THE COUNTY GRADING SECTION OF THE PLANNING & DEVELOPMENT, THE GEOTECHNICAL ENGINEER AND THE ENGINEER AT LEAST 48 HOURS BEFORE START OF ANY CONSTRUCTION AND THE TIME AND LOCATION OF PRECONSTRUCTION CONFERENCE.

9. AT THE TIME OF THE PRECONSTRUCTION CONFERENCE THE GEOTECHNICAL ENGINEER IS TO DISCUSS WITH THE COUNTY GRADING INSPECTOR THE LEVEL OF OBSERVATION AND TESTING TO BE REQUIRED.

10. CONTRACTOR IS RESPONSIBLE FOR PRESERVATION AND/OR PERPETUATION OF ALL EXISTING MONUMENTS, CONTROL, SUBDIVISIONS, TRACTS, BOUNDARIES, EASEMENTS, STREETS, HIGHWAYS OR OTHER RIGHTS-OF-WAY, OR WHICH PROVIDE SURVEY CONTROL, WHICH WILL BE DISTURBED OR REMOVED DUE TO CONTRACTORS WORK. PRIOR TO DISTURBANCE OR REMOVAL OF EXISTING MONUMENTS, CONTRACTOR SHALL CONTACT WITH LICENSED LAND SURVEYOR TO RESET MONUMENTS OR PROVIDE PERMANENT VISIBLE MONUMENTS AND FILE THE REQUIRED DOCUMENTATION WITH THE COUNTY SURVEYOR PURSUANT TO BUSINESS AND PROFESSIONS CODE SECTION 8771.

GENERAL NOTES:

1. UNLESS MODIFIED OR OTHERWISE SPECIFIED BY THE CONSTRUCTION NOTES THAT FOLLOW HEREON INCLUDING THOSE UNDER SEPARATE HEADINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE GREENBOOK STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC) 2015 EDITION, INCLUDING THE LATEST SUPPLEMENTS, PUBLISHED BY BULFINCH NEWS, INC., LOS ANGELES, HEREINAFTER REFERRED TO AS "STANDARD SPECIFICATIONS". CONSTRUCTION SHALL ALSO CONFORM TO APPLICABLE SECTIONS OF THE 2010 CALIFORNIA BUILDING CODE AS IT HAS BEEN ADOPTED BY THE COUNTY OF VENTURA.

ALL REFERENCED SPECIFICATIONS, CODES, DRAWINGS, AND DETAILS SHALL BE INCORPORATED INTO THESE PLANS AND MADE A PART HEREOF AS IF SPELLED OUT OR DELINEATED IN THEIR ENTIRETY HEREON.

2. GRADING OR OTHER CONSTRUCTION WORK OUTSIDE OF PUBLIC RIGHTS-OF-WAY IS NOT PROPOSED AND IS NOT PERMITTED WITHOUT PRIOR WRITTEN PERMISSION OF THE AFFECTED OFFSITE PROPERTY OWNER.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK AND INTERFACING IMPROVEMENTS WITH WORK BY OTHER CONTRACTORS AT THIS JOB SITE AND WITH IMPROVEMENTS REQUIRED BY PLANS BY OTHERS.

CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR BUILDING AND SITE LAYOUT DIMENSIONS.

4. ALL WORK SHALL BE DONE IN CONFORMANCE WITH THE RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL ENGINEERING AND GEOLOGICAL REPORTS FOR THIS PROJECT INCLUDING THOSE LISTED BELOW:

PREPARED BY FILE NO. DATE

THESE REPORTS AND ANY ADDENDA SHALL BE INCORPORATED INTO THESE PLANS AND MADE A PART HEREOF AS IF SPELLED OUT IN THEIR ENTIRETY HEREON. IT IS CONTRACTORS RESPONSIBILITY TO REVIEW THE APPLICABLE GEOTECHNICAL AND GEOLOGY REPORTS. CONTRACTOR SHALL CONTACT THE GEOTECHNICAL ENGINEER (AND THE GEOLOGIST) TO OBTAIN OR REVIEW COPIES OF THESE REPORTS AND ADDENDA.

PRIOR TO BIDDING, CONTRACTOR SHALL CONTACT THE GEOTECHNICAL ENGINEER (AND THE GEOLOGIST) TO DETERMINE THE LOCATION AND DEPTH OF ALL TEST BORINGS AND EXPLORATORY PITS AND EXCAVATIONS. CONTRACTOR SHALL DETERMINE FROM THE GEOTECHNICAL ENGINEER (AND THE GEOLOGIST) WHAT THE REMEDIAL WORK IS RECOMMENDED TO CORRECT THE DISTURBED LOCATIONS SUITABLE FOR THE PROPOSED IMPROVEMENTS. CONTRACTOR SHALL INCLUDE IN HIS BID ALL COSTS FOR THE RECOMMENDED REMEDIAL WORK AND SHALL ADJUST HIS OPERATIONS TO PROPERLY SEQUENCE THE WORK TO ACCOMMODATE REMEDIAL WORK WITH CONSTRUCTION OF PROPOSED IMPROVEMENTS.

5. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE HEALTH AND SAFETY LAWS, ORDINANCES, REGULATIONS, RULES, AND STANDARDS INCLUDING ALL REQUIREMENTS OF THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND OF CAL-OSHA.

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VEHICULAR AND PEDESTRIAN TRAFFIC CONTROL AND SAFETY. SHALL FURNISH, INSTALL, AND MAINTAIN SUCH SHEETING, SHORING, BRACING, AND/OR OTHER PROTECTION AS IS NECESSARY TO PREVENT FAILURE OF TEMPORARY EXCAVATIONS AND EMBANKMENTS AND TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS, TEMPORARY IMPROVEMENTS, AND PARTIALLY COMPLETED PORTIONS OF THE WORK FOR THE ASSIGNMENT OF AN INQUIRY IDENTIFICATION NUMBER.

7. CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN SUCH SHEETING, SHORING, BRACING, AND/OR OTHER PROTECTION AS IS NECESSARY TO PREVENT FAILURE OF TEMPORARY EXCAVATIONS AND EMBANKMENTS AND TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS, TEMPORARY IMPROVEMENTS, AND PARTIALLY COMPLETED PORTIONS OF THE WORK FOR THE ASSIGNMENT OF AN INQUIRY IDENTIFICATION NUMBER.

8. BEFORE BEGINNING WORK, CONTRACTOR SHALL CONFIRM WITH AGENCIES HAVING JURISDICTION THAT ALL REQUIRED PERMITS AND LICENSES HAVE BEEN OBTAINED AND ALL REQUIRED NOTICES GIVEN.

CONTRACTOR SHALL NOT BEGIN WORK BEFORE "GENERAL CONSTRUCTION ACTIVITY STORM WATER PERMIT" HAS BEEN OBTAINED FROM, OR HAS BEEN DETERMINED TO NOT BE REQUIRED BY, THE STATE WATER RESOURCES CONTROL BOARD-CENTRAL COAST REGION.

9. BEFORE BEGINNING WORK, CONTRACTOR SHALL CONTACT THE COUNTY PUBLIC WORKS DEPARTMENT, THE COUNTY BUILDING AND SAFETY DIVISION, THE COUNTY PLANNING & DEVELOPMENT, THE GEOTECHNICAL ENGINEER, THE GEOLOGIST AND THE ENGINEER (FLOWERS & ASSOCIATES, INC.) TO 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.

10. DURING THE COURSE OF WORK, CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR OBSERVATION AND TESTING AS STIPULATED PURSUANT TO ABOVE DETERMINATIONS.

WORK NOT OBSERVED AND TESTED WILL BE SUBJECT TO REJECTION.

11. CONTRACTOR SHALL SCHEDULE GRAVITY PIPELINE WORK AHEAD OF OTHER UNDERGROUND CONSTRUCTION, AND SHALL SCHEDULE GRAVITY SEWER AHEAD OF STORM DRAIN WORK.

12. GRAVITY SEWER AND STORM DRAIN WORK SHALL BEGIN AT THE LOWEST POINT OF DISCHARGE AND PROCEED UPSTREAM.

13. ALL WORK INVOLVING EXCAVATION, INCLUDING THAT FOR WATER, SEWER, STORM DRAIN AND UTILITY CONDUITS AND ALL SERVICE CONNECTIONS AND METER BOXES (NOT PERMITTED IN DRIVEWAYS) SHALL BE COMPLETED AND OBSERVED AND APPROVED BY THE AGENCY HAVING JURISDICTION AND THE STRUCTURAL BACKFILL OBSERVED AND TESTED FOR COMPACTION AND PERMANENT SURFACE CONSTRUCTION MAY COMMENCE.

14. BEFORE BEGINNING WORK, CONTRACTOR SHALL DETERMINE OR VERIFY THE LOCATION AND FLOWLINE ELEVATION OF ALL EXISTING WATER, SEWER, AND DRAINAGE STRUCTURES AND/OR CONDUITS TO BE JOINED BY NEW CONSTRUCTION.

15. BEFORE BEGINNING WORK, CONTRACTOR SHALL DETERMINE OR VERIFY THE LOCATION AND DEPTH OF ALL EXISTING STRUCTURES AND/OR CONDUITS WHICH CROSS OR OTHERWISE MAY CONFLICT WITH NEW CONSTRUCTION.

GRADING NOTES:

1. ALL GRADING SHALL BE IN CONFORMANCE WITH THESE PLANS AND SANTA BARBARA COUNTY CODE CHAPTER 14 (ORDINANCE NO. 4786) AND THE STANDARDS AND REQUIREMENTS PERTAINING HERETO AND WITH THE RECOMMENDATIONS AND REFINEMENTS OF THE COUNTY GRADING SPECIFICATIONS CONTAINED IN THE GEOTECHNICAL REPORT (AND THOSE CONTAINED IN THE GEOLOGY REPORT) REFERENCED IN THE GENERAL NOTES ON THESE PLANS.

2. GRADING SHALL ALSO BE IN CONFORMANCE WITH RECOMMENDATIONS MADE BY THE GEOTECHNICAL ENGINEER AND THE GEOLOGIST DURING OBSERVATION AND TESTING OF SITE DEMOLITION, PREPARATION, GRADING, AND DEVELOPMENT WORK.

3. FOR ANY CONFLICT BETWEEN THESE PLANS AND THE RECOMMENDATIONS AND/OR SPECIFICATIONS OF THE GEOTECHNICAL ENGINEER (AND THE GEOLOGIST), THE MORE STRINGENT PROVISION SHALL GOVERN.

CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT AND METHODS REQUIRED TO PREVENT HIS OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO PROPERTY, CULTIVATED VEGETATION AND DOMESTIC ANIMALS OR CAUSING A HAZARD TO VEHICULAR TRAFFIC OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS. IN THE VICINITY OF THE JOB SITE, CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY DUST RESULTING FROM HIS OPERATIONS. DUST ABATEMENT MEASURES SHALL BE CONTINUED UNTIL RELIEF IS GRANTED BY THE COUNTY INSPECTOR.

4. AREAS TO BE GRADED SHALL BE CLEARED OF ALL VEGETATION (EXCEPT TREES IDENTIFIED TO REMAIN), INCLUDING ROOTS AND ROOT STRUCTURES, OTHER ORGANIC MATERIAL, DEBRIS, AND/OR OTHER UNDESIRABLE MATERIALS. CONTRACTOR SHALL REMOVE SUCH MATERIALS BY PROPOSED IMPROVEMENTS AS RECOMMENDED BY AND UNDER THE OBSERVATION AND TESTING OF THE GEOTECHNICAL ENGINEER.

5. THE CONTRACTOR SHALL MAKE A THOROUGH SEARCH FOR ALL ABANDONED MAN-MADE FACILITIES SUCH AS SEPTIC TANK SYSTEMS, FUEL OR WATER STORAGE TANKS, AND PIPELINES OR CONDUITS ANY SUCH FACILITIES ENCOUNTERED SHALL BE REMOVED AND THE VOIDS FILLED AND COMPACTED AS RECOMMENDED BY, AND UNDER THE OBSERVATION AND TESTING OF, THE GEOTECHNICAL ENGINEER.

VOIDS LEFT FROM OTHER REMOVALS, SUCH AS TREES AND STRUCTURES, SHALL ALSO BE FILLED AND COMPACTED AS RECOMMENDED BY, AND UNDER THE OBSERVATION AND TESTING OF, THE GEOTECHNICAL ENGINEER.

IF ABANDONED SEPTIC TANKS OR FUEL TANKS OR OTHER POTENTIAL SOURCES OF CONTAMINATION OR HAZARDOUS WASTE ARE ENCOUNTERED OR IF SOIL WHICH APPEARS TO BE CONTAMINATED IS ENCOUNTERED, CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER AND COUNTY HAZARDOUS MATERIALS OFFICE.

ABANDONED PIPELINES AND CONDUITS SHALL BE REMOVED UNLESS OTHERWISE ALLOWED BY THE ENGINEER AND THE GEOTECHNICAL ENGINEER. PIPELINES OR CONDUITS ALLOWED TO BE ABANDONED-IN-PLACE SHALL BE CRUSHED OR SHALL HAVE ALL EXPOSED OPENINGS PLUGGED WITH STIFF CONCRETE RODDED TO REMOVE VOIDS WITHIN THE PIPELINE/CONDUIT TO A MINIMUM OF 5 LINEAL FEET AROUND THE OPENING, UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER.

BEFORE BEGINNING WORK REQUIRING EXPORTING OR IMPORTING OF MATERIALS, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM PUBLIC WORKS DEPARTMENT AND THE COUNTY ROAD PERMITS OFFICE AND METHODS PROVIDED TO MINIMIZE THE DEPOSIT OF SOILS ON COUNTY ROADS. GRADING/ROAD INSPECTORS SHALL MONITOR THIS REQUIREMENT WITH THE CONTRACTOR.

7. UNDOCMENCED FILL AND/OR UNSTABLE SOILS ENCOUNTERED DURING GRADING SHALL BE EXCAVATED TO FIRM NATIVE SOILS UNDER THE OBSERVATION AND TESTING OF THE GEOTECHNICAL ENGINEER.

OVERNET AND/OR PUMPING AREAS ENCOUNTERED DURING GRADING SHALL BE REVIEWED FOR CORRECTIVE MEASURES BY THE GEOTECHNICAL ENGINEER.

8. ALL UNSUITABLE SOIL MATERIALS AND RUBBISH AND DEBRIS RESULTING FROM DEMOLITION AND GRADING OPERATIONS SHALL BE REMOVED FROM THE JOB SITE, BE TRANSPORTED TO A SUITABLE LOCATION, AND BE DISPOSED OF IN A PROPER AND LEGAL MANNER.

9. AREAS TO RECEIVE FILL MATERIAL AND AREAS TO RECEIVE BUILDINGS, EXTERIOR SLABS, EXTERIOR WALLS, SHALL HAVE INTEGRAL SOCKET END FOR GASKETED PUSH-ON JOINT ASSEMBLY AS RECOMMENDED BY, AND UNDER THE OBSERVATION AND TESTING OF, THE GEOTECHNICAL ENGINEER. RECOMMENDATIONS FOR OVEREXCAVATION, ADDITIONAL SCARIFICATION, BACKFILL AND RECONSTRUCTION ARE CONTAINED IN THE GEOTECHNICAL REPORT REFERENCED IN THE GENERAL NOTES ON THESE PLANS.

10. A KEYWAY SHALL BE PLACED AT THE TOE OF ALL FILL SLOPES AND SHALL EXTEND THROUGH THE LOOSE SURFACE SOILS. THE KEYWAY SHALL BE A MINIMUM OF 10 FEET WIDE AND EXTEND A MINIMUM OF 5 FEET BEYOND THE TOE OF THE SLOPE. THE KEYWAY SHALL BE AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER (AND THE ENGINEERING GEOLOGIST).

11. AREAS WITH EXISTING SLOPES WHICH ARE TO RECEIVE FILL MATERIAL SHALL BE KEVED AND BENCHMARKED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.

12. PRIOR TO PLACEMENT OF FILL AND BACKFILL MATERIAL, THE PREPARED AREA SHALL BE INSPECTED AND APPROVED BY THE COUNTY INSPECTOR AND THE GEOTECHNICAL ENGINEER. ALLOW A MINIMUM 48-HOUR NOTICE. FILL AND BACKFILL PLACED ON THE PREPARED AREA WITHOUT THE REQUIRED OBSERVATION SHALL BE REMOVED.

13. ALL FILL MATERIAL, WHETHER EXCAVATED ON-SITE OR IMPORTED FROM OFF-SITE, SHALL BE TESTED AND APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.

IMPORTED FILL MATERIAL SHALL BE EQUAL TO OR BETTER IN QUALITY THAN THE ON-SITE SOILS AND SHALL CONFORM TO THE RECOMMENDATION OF THE GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER SHALL TEST AND APPROVE THE SOIL PROPOSED FOR IMPORT FOR STRUCTURAL USE PRIOR TO IMPORTATION TO THE SITE.

THE LANDSCAPE ARCHITECT AND THE GEOTECHNICAL ENGINEER SHALL TEST AND APPROVE THE SOIL PROPOSED FOR IMPORT FOR LANDSCAPE AREA SURFACE MATERIAL PRIOR TO IMPORTATION TO THE SITE.

14. FILL MATERIAL SHALL BE SPREAD IN LIFTS NOT EXCEEDING _____ INCHES IN LOOSE THICKNESS, BE CRUSHED OR CRUSHED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER, AND BE COMPACTED TO THE MINIMUM RELATIVE COMPACTION RECOMMENDED BY THE GEOTECHNICAL ENGINEER. THINNER LIFTS MAY BE NECESSARY TO ACHIEVE THE REQUIRED MINIMUM COMPACTION.

15. FILL AND BACKFILL MATERIAL SHALL BE COMPACTED AT LEAST TO THE SPECIFIED RELATIVE COMPACTION BUT IN NO CASE TO LESS THAN 90% OF MAXIMUM DENSITY, DETERMINED IN CONFORMANCE WITH A.S.T.M. STANDARD D-1557 OR ASTM D-6938, LATEST REVISION. SOME AREAS MAY REQUIRE COMPACTION TO GREATER DENSITY AS CALLED FOR ON THESE PLANS OR BY THE GEOTECHNICAL ENGINEER.

COMPACTION TESTING SHALL BE CONDUCTED AS DETERMINED BY THE GEOTECHNICAL ENGINEER.

16. FINISH CUT SLOPES, FILL SLOPES AND COMBINATION CUT AND FILL SLOPES SHALL NOT EXCEED A GRADE OF 2 HORIZONTAL TO 1 VERTICAL, UNLESS SPECIFICALLY CALLED FOR ON THESE PLANS AND CONSTRUCTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER (AND THE ENGINEERING GEOLOGIST).

17. ALL GRADED AREAS SHALL BE PLANTED IN CONFORMANCE WITH THE APPROVED LANDSCAPING PLAN, IF APPLICABLE AND SHALL, OTHERWISE, BE PLANTED WITH PERENNIAL VEGETATION APPROPRIATE TO THE CLIMATE OF THE AREA. THE PLANTING DEPARTMENT AND SHALL BE DENSE AND GROWING PRIOR TO FINAL INSPECTION BY THE COUNTY.

18. CONTRACTOR SHALL REFER TO THE ARCHITECTS PLANS FOR ADDITIONAL GRADING REQUIREMENTS IN BUILDING AREAS.

CONTRACTOR SHALL REFER TO LANDSCAPE ARCHITECTS PLANS FOR TREE PRESERVATION REQUIREMENTS AND FOR SUBGRADE ALLOWANCES IN LANDSCAPE AREAS.

CONTRACTOR SHALL REFER TO STREET IMPROVEMENT PLANS FOR INTERFACING WITH PUBLIC GRADING, PAVING AND STORM DRAINAGE IMPROVEMENTS.

19. IF NOT DIMENSIONED, LOCATION OF FINISH GRADE ELEVATIONS AND FEATURES SUCH AS SWALES, DOWEL LIFTS, SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER (AND THE GEOLOGIST) ON THE PLANS. UNIFORM GRADIENTS OR VERTICAL CURVES, AS APPROPRIATE, SHALL BE ASSUMED BETWEEN ANY AND ALL DAMAGED LOCATIONS ON THE PLANS.

20. SURFACE DRAINAGE (GRADE) ON SOIL OR LANDSCAPED AREAS SHALL NOT BE AT LESS THAN 2% (2" PER FOOT), [EXCEPT FOR YARD DRAINAGE SWALES IDENTIFIED ON THE PLANS].

UNLESS INDICATED OTHERWISE ON PLANS, POSITIVE DRAINAGE SHALL BE MAINTAINED.

A. A MINIMUM OF 5% FOR 10 FEET FROM ALL STRUCTURE FOUNDATION ON SOIL OR IN LANDSCAPE AREAS.

B. A MINIMUM OF 2% WITHIN 10 FEET OF STRUCTURE FOUNDATION FOR IMPERVIOUS SURFACE.

C. AWAY FROM ALL SLOPES.

WHENE PLANTER AREAS ARE SHOWN ON THE PLANS ADJACENT TO BUILDINGS AND ARE CONTAINED BY WALLS, FLATWORK LESS THAN 8' BELOW BOTTOM OF SLAB PLATE OR WHERE ADJACENT FINISH GRADE OUTSIDE A BUILDING IS SHOWN TO BE LESS THAN 8' BELOW BOTTOM OF SLAB PLATE, IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THAT BUILDING PLANS CALL FOR APPROPRIATE DAMPROOF OR WATERPROOF CONSTRUCTION AND THAT SAME IS CONSTRUCTED IN ACCORDANCE WITH ALL UNIFORM BUILDING CODE REQUIREMENTS.

22. PLAN ELEVATIONS SHOWN ON SOIL AND LANDSCAPED AREAS ARE FINISH GRADE (FINISH SURFACE) GRADES. FINISH GRADES SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER (AND THE GEOLOGIST) ON THE PLANS. UNIFORM GRADING OPERATIONS, THICKNESSES (SUBGRADE ALLOWANCES) SPECIFIED BY LANDSCAPE ARCHITECT FOR TURF, WOOD, CHIPS, MULCH, ETC. SHALL BE SUBTRACTED FROM THESE ELEVATIONS TO ESTABLISH FINISH SUBGRADE.

23. PLAN ELEVATIONS SHOWN ON WALKWAYS, RAMPS, STEPS AND OTHER HARDSCAPE ARE INTENDED TO ESTABLISH GRADING AND SURFACE DRAINAGE CONTROL FOR THESE IMPROVEMENTS. THESE CONTROL ELEVATIONS SHALL BE ADHERED TO UNLESS OTHERWISE NECESSARY. THE CONSTRUCTION OF THESE IMPROVEMENTS IN CONFORMANCE WITH BUILDING CODES AND A.D.A. REQUIREMENTS, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PERFORM DETAIL LAYOUT FOR AND TO CONSTRUCT WALKWAYS, RAMPS, STEPS, AND OTHER HARDSCAPE IN CONFORMANCE WITH ALL BUILDING CODE AND ACCESSIBILITY REQUIREMENTS INCLUDING THOSE FOR DIMENSIONING, SLOPE, CROSS-SLOPE, SURFACE TEXTURE, WARNING CURBS, AND HAND-RAILS.

24. DROP-OFF FROM THE TOP OF ROAD OR FLATWORK USED TO ADJACENT FINISH GRADE SHALL NOT EXCEED 3 INCHES UNLESS A 5-INCH HIGH WARNING CURB IS CONSTRUCTED ALONG THE EDGE AND THE EDGE IS THICKENED (DEEPENED) TO 6-INCHES MINIMUM BELOW ADJACENT FINISH GRADE.]

25. SITE FINISH GRADINGS SHALL BE COMPLETED AND CONFIRMED BY (SURVEY) (THE ENGINEER) (THE GENERAL CONTRACTOR) TO CONFORM TO APPROVED PLANS AND SPECIFICATIONS BEFORE LANDSCAPING AND IRRIGATION CONSTRUCTION CAN BEGIN.

LANDSCAPE CONTRACTOR SHALL REMOVE FROM THE SITE AND PROPERLY DISPOSE OF ALL EARTH SPOIL FROM PLANT HOLES AND PIPE TRENCHES; EXCESS SOIL AND/OR MULCH SHALL NOT BE PLACED OR SPREAD AT THE SITE.

26. PAVEMENT STRUCTURAL SECTIONS SHOWN ON THESE PLANS ARE PRELIMINARY ESTIMATES. SUPPORTING DEPTHS OF PAVEMENT HORINGS AND BASES SHALL BE AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER AFTER COMPLETION OF ROUGH GRADING AND BASE TO "R-VALUE" TESTS OR COMPLETED SUBGRADE MATERIAL, AND THE TRAFFIC INDEXES (I-TI) SHOWN ON THE PLANS. DETAILS, SUBJECT TO APPROVAL BY THE COUNTY PUBLIC WORKS DEPARTMENT, SHALL BE PROVIDED. IF THERE ARE DAMAGED BEFORE NEW PAVEMENT IS PLACED, CONTRACTOR SHALL SAVORIT A NEW CONFORM LINE PARALLEL WITH FULL LENGTH OF, AND SUFFICIENT DISTANCE BEHIND ORIGINAL THICKNESS, TO ESTABLISH FINISH GRADE.

27. THE UPPER 12 INCHES OF FILL OR NATIVE SOIL, BELOW THE BOTTOM OF AGGREGATE BASE OR SUBBASE COURSE (BELOW SUBGRADE) IN PAVEMENT AREAS, AND THE UPPER 6 INCHES OF FILL OR NATIVE SOIL, BELOW THE CONCRETE OR SAND COURSE IN WALKWAY AREAS SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY.

28. BEFORE PLACEMENT OF AGGREGATE BASE OR SUBBASE MATERIAL IN PAVEMENT AREAS, THE SUBGRADE SOIL SHALL BE REVISED AND TESTED BY THE GEOTECHNICAL ENGINEER.

DURING PAVING OPERATIONS, STRUCTURAL SECTION COMPACTION SHALL BE OBSERVED AND TESTED BY THE GEOTECHNICAL ENGINEER.

29. BEFORE BEGINNING WORK, CONTRACTOR SHALL OBTAIN APPROVAL FROM COUNTY DEPARTMENTS OF PUBLIC WORKS (TRANSPORTATION DIVISION) FOR IMPORT/EXPORT HAUL ROUTES AND TIMES.

30. SURFACE SOILS CONTAINING ORGANIC MATERIAL MAY BE STOCKPILED FOR FUTURE USE BY THE LANDSCAPE CONTRACTOR, HOWEVER, THIS OPERATION SHALL BE COORDINATED SO THAT UPON COMPLETION OF THE PROJECT, ALL EXCESS MATERIAL IS REMOVED FROM THE JOB SITE AND FINISH GRADES ARE AS CALLED FOR ON THE PLANS.

31. ANY EXPANSIVE CLAYS AND OTHER UNSUITABLE SOILS WHICH MAY BE ENCOUNTERED IN THE AREA SHALL BE REMOVED AND FILL MATERIAL ONLY IN NON-CRITICAL AREAS AS DETERMINED BY THE GEOTECHNICAL ENGINEER.

32. EQUALITY REVIEW AND REPORTING REQUIREMENTS)

A. AT CONCLUSION OF ROUGH GRADING, A LICENSED LAND SURVEYOR RETAINED BY OWNER SHALL STOP CHECK AND PROVIDE TO OWNER AND ENGINEER WRITTEN CERTIFICATION THAT BUILDING PAD GRADE AND PAVEMENT SUBGRADE ELEVATIONS ARE IN CONFORMANCE WITH THE APPROVED GRADING PLAN. CERTIFICATION SHALL INCLUDE A DRAWING SHOWING LOCATION OF SLOPE ELEVATION READINGS.

B. UPON COMPLETION OF FINISH GRADING AND AFTER INSTALLATION OF LANDSCAPE PLANTINGS AND BEFORE LANDSCAPING, THE LANDSCAPE ARCHITECT SHALL LISTING AND NOTIFY THE ENGINEER, RETAINED BY THE OWNER, SHALL DETERMINE CONSTRUCTION RECORD ELEVATIONS AT LOCATIONS REQUIRED BY THE ENGINEER, GENERALLY DESCRIBED AS FOLLOWS:

1. BUILDING FINISH FLOOR
2. FINISH GRADE ALONG BUILDING PERIMETER
3. WALKWAY / RAMP SLOPES AND CROSS-SLOPES
4. TOP OF CURB, TOP OF PAVEMENT AND GUTTER FLOWLINE WITHIN PAVED AREAS

5. FINISH SUBGRADE AT HIGH POINTS, GRADE BREAKS, FLOWLINES AND ADJACENT TO CATCH BASINS WITHIN DIRT AREAS TO BE COVERED WITH MULCH OR WOOD CHIPS.

ELEVATIONS SHALL BE RECORDED ON A SCREENED REPRODUCIBLE OF THE GRADING, DRAINAGE AND PAVING PLAN PROVIDED BY THE ENGINEER.

C. GRADINGS AND IMPROVEMENTS FOUND NOT IN CONFORMANCE WITH APPROVED PLANS AND DESIGN INTENT SHALL BE CORRECTED BY CONTRACTOR AT CONTRACTORS EXPENSE. ADDITIONAL SURVEYING TO CONFIRM ELEVATIONS AFTER CORRECTIVE MEASURES SHALL ALSO BE AT CONTRACTORS EXPENSE.

REQUIREMENTS FOR VARIOUS SURFACING CONDITIONS ARE AS FOLLOWS:

DIRT: NOT LESS THAN 2% (1/4 INCH PER FOOT) SLOPE IN DIRECTION OF SURFACE DRAINAGE AND 1.0 FOOT MAXIMUM DEVIATION FROM DESIGN ELEVATION AT ANY LOCATION

A.C. PAVEMENT: NOT LESS THAN 1% (1/8 INCH PER FOOT) SLOPE IN DIRECTION OF SURFACE DRAINAGE AND 0.04 FOOT MAXIMUM DEVIATION FROM DESIGN ELEVATION AT ANY LOCATION

CONCRETE: NOT LESS THAN 0.5% (1/16 INCH PER FOOT) SLOPE IN DIRECTION OF SURFACE DRAINAGE AND 0.02 FOOT MAXIMUM DEVIATION FROM DESIGN ELEVATION AT ANY LOCATION

D. FOLLOW-UP REVIEW BY ENGINEER OF MULCHED AREAS SHALL NOT RELIEVE CONTRACTOR OF RESPONSIBILITY FOR ENSURING THAT UNIFORM LAYER OF CORRECT THICKNESS OF MULCH OR CHIPS IS LAID DOWN AND THAT SUCH LAYER DOES NOT OBSTRUCT SURFACE DRAINAGE.

33. BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES: ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ONSITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAIN, NATURAL DRAIN, COURSES OR WIND, STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR FUEL, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE MATERIALS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM WEATHER. SHILLS MAY NOT BE MARKED BY THE DRAINAGE SYSTEM. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS MUST BE MADE TO RETAIN CONCRETE WASTES ONSITE UNTIL THEY CAN BE DISPOSED AS A SOLID WASTE. TRASH AND CONSTRUCTION RELATED SOLID WASTE MUST BE DEPOSITED INTO A COVERED WASTE RECEPTACLE TO PREVENT CONTAMINATION OF RUNNWAY AND DISPERSAL BY WIND. SEDIMENTS MAY OTHER MATCHED MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITION MUST BE SWEEP UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS. ANY SLOPES WITH DISTURBED SOIL OR DENuded OF VEGETATION MUST BE STABILIZED SO AS TO MINIMIZE EROSION BY WIND AND WATER.

CONSTRUCTION NOTES (SPECIFICATIONS)

TRENCHING AND BACKFILL NOTES:

1. ALL TRENCHING, BEDDING AND BACKFILL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND REFERENCED STANDARD SPECIFICATIONS.

FOR ANY CONFLICT BETWEEN THESE PLANS AND THE REQUIREMENTS OF THE COUNTY PUBLIC WORKS DEPARTMENT, THE MORE STRINGENT PROVISIONS SHALL GOVERN.

2. TRENCH OR STRUCTURE EXCAVATION SUBGRADE SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF BEDDING MATERIAL OR FORMS.

WET OR UNSTABLE SOIL ENCOUNTERED IN THE BOTTOM OF THE EXCAVATION AND DEEMED BY THE GEOTECHNICAL ENGINEER TO BE INCAPABLE OF PROPERLY SUPPORTING THE PIPE OR STRUCTURE BEING CONSTRUCTED, SHALL BE REMOVED TO THE DEPTH RECOMMENDED BY THE GEOTECHNICAL ENGINEER AND THE EXCAVATION BACKFILLED TO THE BOTTOM OF THE PIPE OR STRUCTURE GRADE WITH SUITABLE MATERIAL RECOMMENDED BY THE GEOTECHNICAL ENGINEER.

3. WATER ENCOUNTERED IN TRENCH OR STRUCTURE EXCAVATION SHALL BE REMOVED BY THE CONTRACTOR TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER TO PROVIDE DRY CONDITIONS DURING CONSTRUCTION OF PIPE OR STRUCTURE.

4. BEDDING AND BACKFILL MATERIAL, OR THEIR COMPACTED DENSITY, SHALL BE TESTED FOR COMPLIANCE WITH APPLICABLE REQUIREMENTS BY THE [GEOTECHNICAL ENGINEER] MATERIALS INSPECTOR AND THE COUNTY INSPECTOR.

5. BEDDING AND PIPE ZONE BACKFILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% OF MAXIMUM DENSITY.

TRENCH BACKFILL SHALL BE COMPACTED TO NOT LESS THAN [90%] [95%] OF MAXIMUM DENSITY; THE UPPER 12" BELOW THE BASE OR SUB-BASE COURSE IN PAVED AND OTHER TRAFFIC AREAS AND THE DEPTH OF ALL EXISTING STRUCTURES AND/OR CONDUITS WHICH CROSS OR OTHERWISE MAY NOT LESS THAN 95% OF MAXIMUM DENSITY.

BACKFILL COMPACTION SHALL BE TESTED FOR COMPLIANCE WITH THESE REQUIREMENTS IN ACCORDANCE WITH A.S.T.M. STANDARD D-1557 OR ASTM D-6938, LATEST REVISION AND REPORTED BY THE GEOTECHNICAL ENGINEER.

6. CLASS I OR CLASS II (TRENCH) BACKFILL SHALL NOT BE PLACED UNTIL BEDDING AND INITIAL (PIPE ZONE) BACKFILL HAVE BEEN OBSERVED, TESTED AND APPROVED.

7. COUNTY OF VENTURA REQUIRES TRENCH BACKFILL WITHIN PUBLIC ROAD RIGHT-OF-WAY TO BE 1-SACK CEMENT SURRY BEGINNING 6 INCHES ABOVE TOP OF PIPE. [THIS MAY CONFLICT WITH THE DESIGN AND CONSTRUCTION OF THE EXISTING STRUCTURE. CONTRACTOR SHALL ADVISE THE COUNTY OF VENTURA OF ANY CONFLICTS IN ADVANCE OF CONSTRUCTION.]

8. COMPACTION BY FLOODING OR JETTING IS NOT PERMITTED UNLESS SPECIFICALLY APPROVED BY THE GEOTECHNICAL ENGINEER AND THE COUNTY INSPECTOR AND THE OWNER OF THE PIPE OR CONDUIT.

9. ALL WORK INVOLVING EXCAVATION INCLUDING THAT FOR WATER, SEWER, STORM DRAIN AND UTILITY CONDUITS AND ALL SERVICE CONNECTIONS AND METER BOXES (NOT PERMITTED IN DRIVEWAYS) SHALL BE COMPLETED AND OBSERVED AND APPROVED BY THE AGENCY HAVING JURISDICTION AND THE STRUCTURAL BACKFILL OBSERVED AND TESTED FOR COMPACTION AND PERMANENT SURFACE CONSTRUCTION MAY COMMENCE.

10. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE HEALTH AND SAFETY LAWS, ORDINANCES, REGULATIONS, RULES, AND STANDARDS INCLUDING ALL REQUIREMENTS OF THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND OF CAL-OSHA.

11. CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN SUCH SHEETING, SHORING, BRACING, AND/OR OTHER PROTECTION AS IS NECESSARY TO PREVENT FAILURE OF TEMPORARY EXCAVATIONS AND EMBANKMENTS AND TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS, TEMPORARY IMPROVEMENTS, AND PARTIALLY COMPLETED PORTIONS OF THE WORK FOR THE ASSIGNMENT OF AN INQUIRY IDENTIFICATION NUMBER.

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SUFFICIENCY OF SUCH SUPPORTS AND/OR OTHER PROTECTION.

12. GEOTECHNICAL REPORTS INDICATE THAT GROUNDWATER MAY BE ENCOUNTERED NEAR THE GRADING AND SURFACE DRAINAGE STRUCTURES. CONTRACTOR SHALL BE RESPONSIBLE FOR APPROVED BY THE GEOTECHNICAL ENGINEER TO LOWER THE WATER LEVEL TO A MINIMUM OF 1.5 FEET BELOW THE BOTTOM OF EXCAVATIONS FOR ALL IMPROVEMENTS CONSTRUCTED FOR THIS PROJECT.

ANY ADJUSTMENTS OR REVISIONS TO THESE PLANS DEEMED NECESSARY BECAUSE OF THE LOCATION AND/OR DEPTH OF EXISTING STRUCTURES OR CONDUITS SHALL BE APPROVED IN WRITING BY THE ENGINEER AND THE RELATED GOVERNMENT ENTITY OR UTILITY COMPANY PRIOR TO PROCEEDING WITH CONSTRUCTION.

1

GENERAL CONSTRUCTION NOTES THIS SHEET:

- A. REFER TO LEGEND AND OTHER PLAN USE INFORMATION ON SHEET G-1.
- B. SEE LANDSCAPE ARCHITECT'S PLANS FOR ALL LANDSCAPING AND TREE PROTECTIONS / REMOVALS.
- C. PROTECT EXISTING UTILITIES WITHIN WORK AREA: NOTIFY **UNDERGROUND SERVICE ALERT** AT LEAST 2 WORKING DAYS IN ADVANCE OF BEGINNING EXCAVATION AT 1-800-422-4133.
- D. EXISTING BURIED CONDUITS / PIPES / STRUCTURES KNOWN TO THE ENGINEER ARE SHOWN ON THE DRAWINGS, BASED ON RECORD INFORMATION OR INPUT FROM OTHERS. THE LOCATIONS OF THOSE SHOWN ARE APPROXIMATE (SCHEMATIC) ONLY AND, MOST LIKELY, OTHERS EXIST WHICH HAVE NOT BEEN SHOWN. INVESTIGATE, LOCATE AND MARK ALL EXISTING BURIED CONDUITS, PIPES AND STRUCTURES PRIOR TO START OF GRADING OR TRENCHING. PROTECT AND MAINTAIN IN SERVICE ALL SUCH FACILITIES UNTIL OTHERWISE APPROVED IN WRITING BY DISTRICT.
- E. HORIZONTAL LOCATIONS OF EXISTING BURIED CONDUITS / PIPES / STRUCTURES AS SHOWN ON THE DRAWINGS OR AS MARKED IN THE FIELD ARE APPROXIMATE ONLY. VERTICAL LOCATIONS ARE NOT KNOWN. BEFORE BEGINNING TRENCHING OR GRADING, LOCATE AND EXPOSE ALL BURIED CONDUITS / PIPES / STRUCTURES WHICH CROSS OR OTHERWISE MAY CONFLICT WITH NEW IMPROVEMENTS OR WHICH ARE TO BE JOINED BY NEW CONSTRUCTION AND HAVE HORIZONTAL AND VERTICAL LOCATIONS DETERMINED BY SURVEY. PROVIDE RESULTS OF THIS INVESTIGATION AND SURVEY TO ENGINEER FOR REVIEW BEFORE WORK IS COMMENCED. ALLOW FIVE (5) WORKING DAYS FOR REVIEW. MORE TIME MAY BE REQUIRED DEPENDING ON COMPLETENESS OF INFORMATION PROVIDED AND ON EXTENT OF CONFLICTS, IF ANY.
- F. DEMOLISH AND REMOVE EXISTING OBJECTIONABLE MATERIAL FROM THE WORK AREA AND DISPOSE OF AS NECESSARY TO COMPLETE THE WORK, WHETHER OR NOT SPECIFICALLY CALLED FOR ON THE DRAWINGS.
- G. WHETHER OR NOT SPECIFICALLY CALLED FOR ON THE DRAWINGS, PROTECT FROM DAMAGE ALL EXISTING FEATURES WITHIN AND IN THE VICINITY OF THE WORK AREA WHICH ARE NOT TO BE ALTERED BY PROPOSED WORK:
1. DOCUMENT THE EXISTING CONDITION AND PROVIDE SUCH DOCUMENTATION TO DISTRICT'S REPRESENTATIVE PRIOR TO BEGINNING WORK.
 2. PROTECT DURING CONSTRUCTION FROM PHYSICAL AND AESTHETIC DAMAGE INCLUDING CRACKING, SCRAPING, DEFORMING, SOLING, AND SPLATER FROM PAINT, CONCRETE OR ASPHALT EMULSION.
 3. RESTORE TO PRE-CONSTRUCTION CONDITION AND APPEARANCE TO SATISFACTION OF DISTRICT AT NO ADDITIONAL COST TO DISTRICT.
- H. SEE PLUMBING PLANS FOR ALL UTILITY REMOVALS.

DEMOLITION NOTES THIS SHEET:

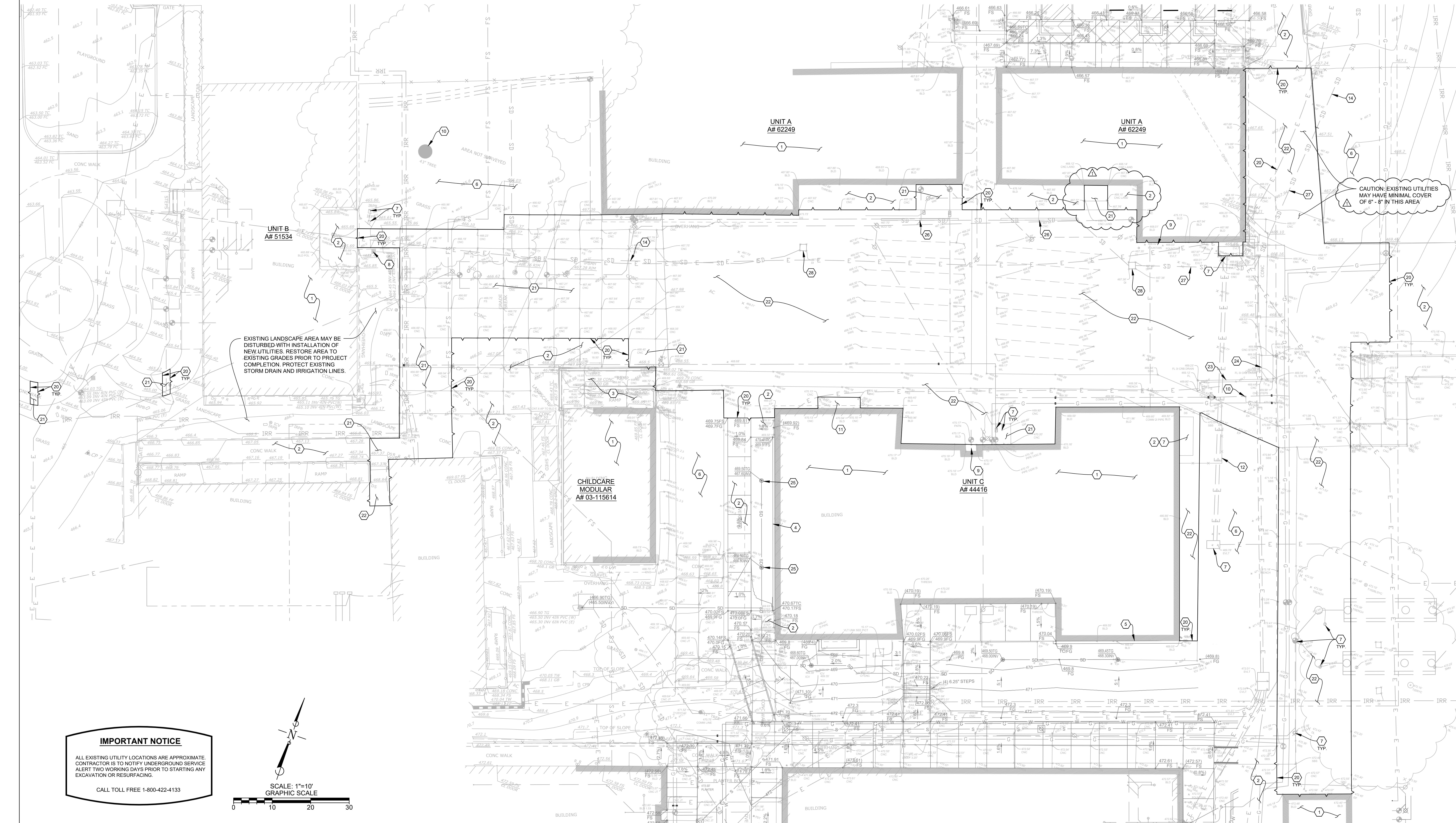
(NUMBERED ITEM BELOW CORRESPONDS TO NUMBER WITHIN HEXAGON ON DRAWING)

PROTECTIONS:

1. PROTECT EXISTING BUILDING AND SITE WALLS INCLUDING SURFACE AND PAINT. IF NEW FLATWORK SURFACE ADJACENT TO WALL IS LOWER THAN THAT WHICH WAS REPLACED, PREPARE WALL SURFACE AND PAINT TO MATCH EXISTING.
2. PROTECT EXISTING PAVEMENT TO REMAIN.
3. PROTECT EXISTING RAMP AND HANDRAIL TO REMAIN.
4. PROTECT EXISTING CONCRETE CURB TO REMAIN.
5. PROTECT EXISTING CONCRETE MOW STRIP TO REMAIN.
6. PROTECT EXISTING LANDSCAPED AREA.
7. PROTECT EXISTING UTILITY AND / OR VAULT. ADJUST LIDS TO PROPOSED FINISHED SURFACE AS NECESSARY.
8. PROTECT EXISTING CATCH BASIN TO REMAIN.
9. PROTECT EXISTING DRINKING FOUNTAIN TO REMAIN.
10. PROTECT EXISTING TREE TO REMAIN.
11. PROTECT EXISTING BUILDING GRATE TO REMAIN.
12. PROTECT EXISTING FENCE AND / OR GATE TO REMAIN.
13. PROTECT EXISTING SHALLOW ELECTRICAL LINE IN PLACE.
14. PROTECT EXISTING STORM DRAIN LINE TO REMAIN.
- 15-19 NOT USED.

REMOVALS:

20. PROPOSED SAWCUT LINE. PROTECT EXISTING EDGE OF A.C. OR CONCRETE IMPROVEMENT TO REMAIN UNTIL CONSTRUCTION OF CONFORMING IMPROVEMENTS (TYPICAL). SEE SHEETS C-1 AND C-2.
21. EXISTING CONCRETE PAVEMENT TO BE REMOVED.
22. EXISTING ASPHALT PAVEMENT TO BE REMOVED.
23. EXISTING CURB AND / OR GUTTER TO BE REMOVED.
24. EXISTING CONCRETE STAIRS AND HANDRAILS TO BE REMOVED.
25. EXISTING AREA DRAINS TO BE REMOVED. CAP STORM DRAIN PIPE AS NECESSARY.
26. EXISTING TRENCH DRAINS TO BE REMOVED.
27. DEMOLISH AND REMOVE EXISTING STORM DRAIN LINE TO LIMITS SHOWN ON PLAN.
28. DEMOLISH AND REMOVE EXISTING STORM DRAIN CATCH BASIN. PROTECT STORM DRAIN LINES FOR RECONNECTION.



IMPORTANT NOTICE

ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR IS TO NOTIFY UNDERGROUND SERVICE ALERT TWO WORKING DAYS PRIOR TO STARTING ANY EXCAVATION OR RESURFACING.

CALL TOLL FREE 1-800-422-4133

SCALE: 1"=10'
GRAPHIC SCALE

0 10 20 30



PLEASANT VALLEY
SCHOOL DISTRICT

600 TEMPLE AVENUE,
CAMARILLO, CA 93010

ENGINEER

ENGINEER'S STAMP

CONSULTANT



CONSULTANT'S STAMP



PROJECT TITLE AND ADDRESS

SITE PIPING REPLACEMENT,
PHII & QUAD RENOVATION
PROJECT

SANTA ROSA
TECHNOLOGY MAGNET
SCHOOL
13282 SANTA ROSA RD,
CAMARILLO, CA 93012

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	2/25/2026

BUILDING & ASSOCIATES INC. CONSULTING ENGINEERS. THESE DOCUMENTS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WITHOUT THE WRITTEN PERMISSION OF BUILDING & ASSOCIATES INC. NO PART OF THESE DOCUMENTS IS TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT OBTAINING SAID WRITTEN PERMISSION FROM BUILDING & ASSOCIATES INC.

SHEET TITLE

DEMOLITION PLAN

DATE
SCALE
PROJECT NO.
DRAWN BY
CHECKED BY
SHEET NUMBER

D-1

GENERAL CONSTRUCTION NOTES THIS SHEET:

- A. REFER TO LEGEND, LIST OF SYMBOLS AND OTHER PLAN USE INFORMATION ON SHEET C-1.
- B. REFER TO SHEET C-2 FOR SPECIFICATIONS AND ADDITIONAL CONSTRUCTION INFORMATION AND REQUIREMENTS.
- C. PROTECT ALL EXISTING UTILITIES WITHIN WORK AREA WHETHER SHOWN ON PLAN OR NOT. NOTIFY UNDERGROUND SERVICE ALERT AT LEAST 2 WORKING DAYS IN ADVANCE OF BEGINNING EXCAVATION AT 1-800-422-4133.
- D. PROTECT EXISTING SCHOOL INFRASTRUCTURE WITHIN WORK AREA: INVESTIGATE WITH DISTRICT AND SCHOOL STAFF THE LOCATIONS OF EXISTING BURIED CONDUITS, PIPELINES AND STRUCTURES WITHIN WORK AREA.
- E. RETAIN A LICENSED LAND SURVEYOR TO STAKE HORIZONTAL AND VERTICAL CONTROL FOR LAYOUT OF THE WORK. FOR SURVEYING LOCATIONS OF EXISTING BURIED PIPELINES, CONDUITS AND STRUCTURES, AND FOR GRADE CONFIRMATION WHERE REQUIRED DURING CONSTRUCTION.
- F. CONFIRM CONTROL DATA WITH TOPOGRAPHIC MAPPING SURVEYOR (SIMPSON LAND SURVEYING) PRIOR TO STAKING WORK. IN ADDITION, CHECK STAKING AT KEY LOCATIONS BY SCALING DISTANCES AND TAPING FROM EXISTING FEATURES SHOWN ON PLAN.
- G. WHETHER OR NOT SPECIFICALLY CALLED FOR ON THE DRAWINGS, PROTECT FROM DAMAGE ALL EXISTING FEATURES WITHIN AND IN THE VICINITY OF THE WORK AREA WHICH ARE NOT TO BE ALTERED BY PROPOSED WORK:
1. DOCUMENT THE EXISTING CONDITION AND PROVIDE SUCH DOCUMENTATION TO OWNERS CONSTRUCTION REPRESENTATIVE PRIOR TO BEGINNING WORK.
 2. PROTECT DURING CONSTRUCTION FROM PHYSICAL AND ESTHETIC DAMAGE INCLUDING CRACKING, SCRAPING, DEFORMING, SOLING, AND SPATTER FROM PAINT, CONCRETE OR ASPHALT EMULSION.
 3. RESTORE TO PRE-CONSTRUCTION CONDITION AND APPEARANCE TO SATISFACTION OF DISTRICT AT NO ADDITIONAL COST TO DISTRICT.
- H. FOR CONCRETE PAVEMENTS, WALKWAYS, CURBS, GUTTERS AND WALLS, LAYOUT EXPANSION AND CONTROL JOINTS PER PLAN AND MARK JOINT LOCATIONS ON FORMS FOR REVIEW BY OWNERS REPRESENTATIVE PRIOR TO ORDERING CONCRETE.
- I. SEE PLUMBING PLANS FOR ALL UTILITY IMPROVEMENTS.

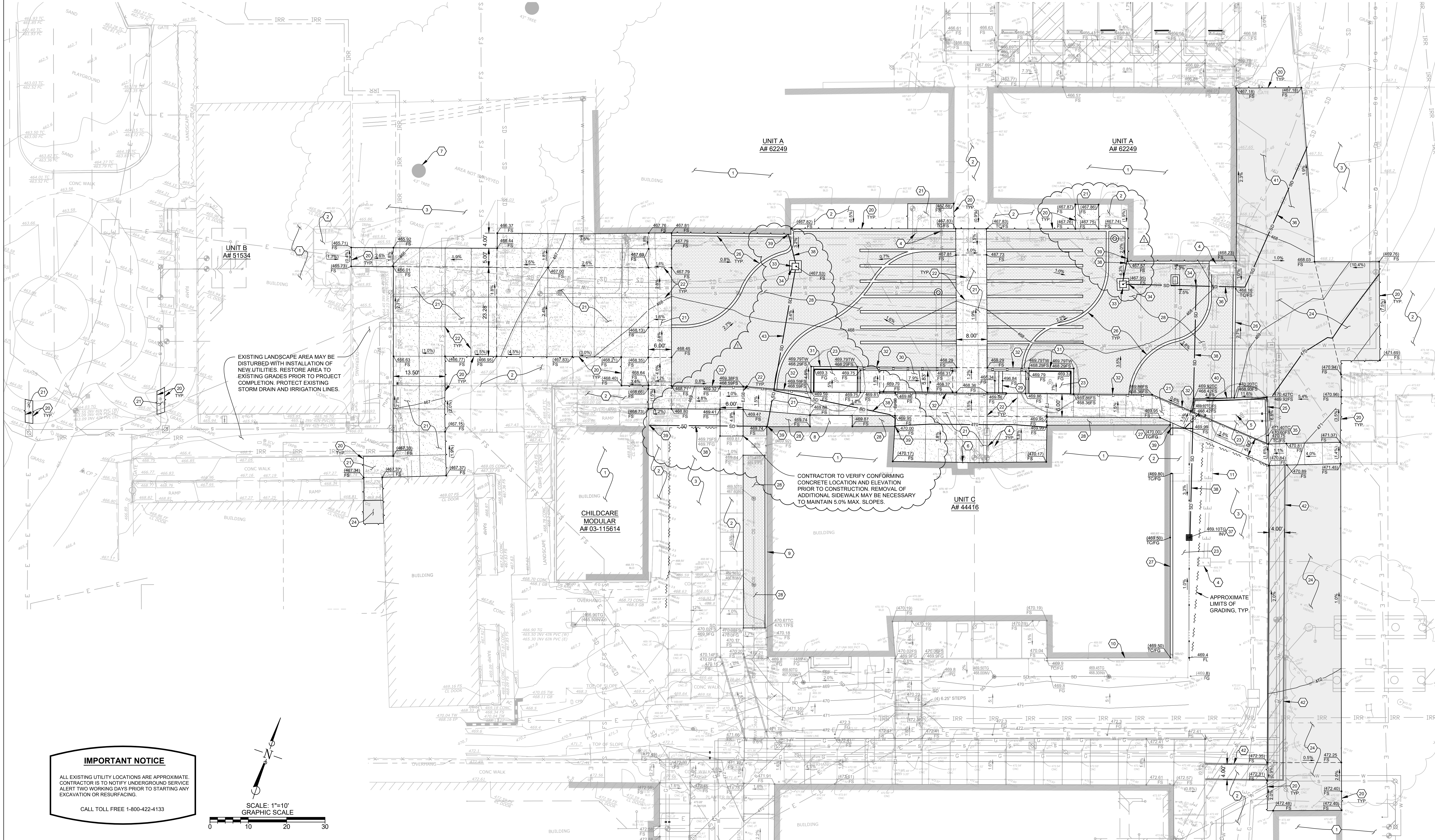
SPECIFIC CONSTRUCTION NOTES THIS SHEET:

- (NUMBERED ITEM BELOW CORRESPONDS TO NUMBER WITHIN HEXAGON ON DRAWING)
- PROTECTIONS/REMOVALS:
1. PROTECT EXISTING BUILDING AND SITE WALLS INCLUDING SURFACE AND PAINT. IF NEW FLATWORK SURFACE ADJACENT TO WALL IS LOWER THAN THAT WHICH WAS REPLACED, PREPARE WALL SURFACE AND PAINT TO MATCH EXISTING.
 2. PROTECT EXISTING PAVEMENT TO REMAIN.
 3. PROTECT EXISTING LANDSCAPE AREA TO REMAIN.
 4. PROTECT EXISTING UTILITY AND/OR VAULT. ADJUST LIDS TO PROPOSED FINISHED SURFACE AS NECESSARY.
 5. EXISTING TREE TO BE REMOVED.
 6. PROTECT EXISTING DRINKING FOUNTAIN TO REMAIN.
 7. PROTECT EXISTING TREE TO REMAIN.
 8. PROTECT EXISTING BUILDING GRATE TO REMAIN.
 9. PROTECT EXISTING CONCRETE CURB TO REMAIN.
 10. PROTECT EXISTING CONCRETE MOW STRIP TO REMAIN.
 11. PROTECT EXISTING GATE AND/OR FENCE TO REMAIN.
- 12-19 NOT USED.

SITE IMPROVEMENTS:

20. CONSTRUCT SAWCUT LINE AS SHOWN ON PLAN AND REMOVE EXISTING PAVEMENT RUBBLE. PROTECT EDGE OF SAWCUT UNTIL CONSTRUCTION OF CONFORMING IMPROVEMENTS.
21. CONSTRUCT CONCRETE WITH THICKENED EDGE PER DETAILS 1 & 2 / CD-1.
22. CONSTRUCT CONCRETE JOINTS PER DETAIL 3 / CD-1, WHERE SHOWN ON PLAN. ALL JOINTS SHOWN ARE CRACK CONTROL JOINTS OR CONSTRUCTION JOINTS UNLESS DESIGNATED "EXP" (EXPANSION JOINT).
23. GRADE UNPAVED AREA WITHIN LIMITS OF DISTURBANCE TO FINISH GRADES PER PLAN AND TO PROVIDE SMOOTH TRANSITION BETWEEN NEW AND EXISTING IMPROVEMENTS. REVEGETATE ALL DISTURBED GRASS AREAS. SEE LANDSCAPE ARCHITECT'S PLANS FOR ADDITIONAL INFORMATION.
24. CONSTRUCT AC PAVEMENT STRUCTURAL SECTION TO MATCH EXISTING STRUCTURAL SECTION (MINIMUM SECTION OF 3-INCH ASPHALT OVER 6-INCH CLASS 2 BASE), AND PER THE GEOTECHNICAL RECOMMENDATIONS. ADJUST SAWCUT LIMITS AS NEEDED TO ENSURE MINIMUM SLOPE OF 1.0%.
25. CONSTRUCT CONCRETE CURB TO ELEVATIONS SHOWN ON PLAN AND PER DETAIL 4 / CD-1.
26. CONSTRUCT 8" WIDE CONCRETE BAND TO ELEVATIONS SHOWN ON PLAN AND PER LANDSCAPE ARCHITECT'S PLANS AND SPECIFICATIONS.
27. CONSTRUCT 8" CONCRETE MOW STRIP PER DETAIL 5 / CD-1.
28. CONSTRUCT CONCRETE PAVERS TO ELEVATIONS SHOWN ON PLAN AND PER LANDSCAPE ARCHITECT'S PLANS AND SPECIFICATIONS.
29. CONSTRUCT CONCRETE STAIRS WITH HANDRAILS PER DETAIL 6 / CD-1.
30. CONSTRUCT CONCRETE RAMP WITH HANDRAILS TO ELEVATIONS SHOWN ON PLAN AND PER DETAILS 1 & 8 / CD-1.

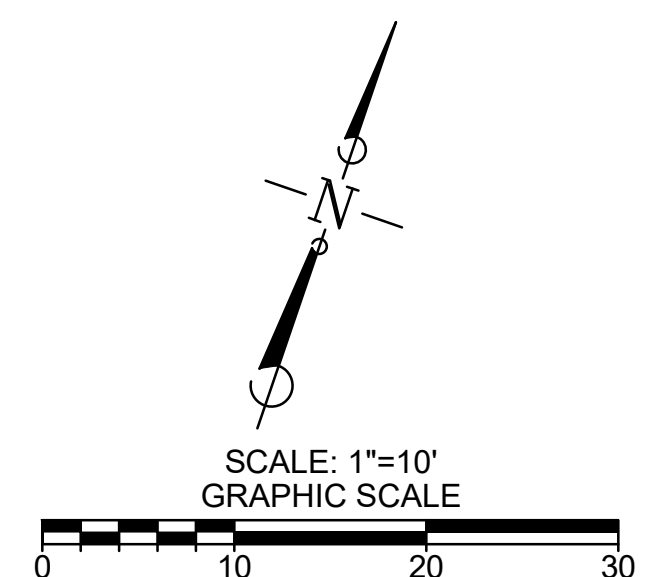
31. CONSTRUCT CONCRETE SEAT WALL TO ELEVATIONS SHOWN ON PLAN AND PER LANDSCAPE ARCHITECT'S PLANS AND SPECIFICATIONS.
32. CONSTRUCT CONCRETE WALKWAY EDGE WITH STEMWALL AND GUARDRAIL PER DETAIL 7 / CD-1.
33. CONSTRUCT 18" X 18" CAST-IN-PLACE CATCH BASIN AND GRATE PER DETAIL 11 / CD-1.
34. CONSTRUCT CONNECTION TO EXISTING STORM DRAIN WITH FITTINGS AS NECESSARY. POT HOLE TO VERIFY EXISTING INVERTS AT CONNECTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
35. CONSTRUCT 6" TO 8" CURB HEIGHT TRANSITION ACROSS TWO LINEAR FEET AS SHOWN ON PLAN.
36. REMOVE AND REPLACE EXISTING STORM DRAIN LINE AS NECESSARY TO MAINTAIN 12" MINIMUM COVER AT 0.5% MINIMUM SLOPE IN TRENCH PER DETAIL 12 / CD-2. VERIFY EXISTING INVERTS AND PIPE SIZE PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS.
37. CONSTRUCT 12" X 12" CAST-IN-PLACE CATCH BASIN AND GRATE PER DETAIL 11 / CD-1.
38. CONSTRUCT 4" HOPE STORM DRAIN LINE WITH 0.5% MINIMUM SLOPE IN TRENCH PER DETAIL 12 / CD-2.
39. CONSTRUCT ROOF DRAIN CONNECTION TO STORM DRAIN PER DETAIL 13 / CD-2.
40. CONSTRUCT CONCRETE RETAINING CURB TO ELEVATIONS SHOWN ON PLAN AND PER DETAIL 14 / CD-2.
41. CONSTRUCT AC PAVEMENT STRUCTURAL SECTION (MINIMUM SECTION OF 4-INCH ASPHALT OVER 6-INCH CLASS 2 BASE OVER 12-INCH SUBGRADE COMPACTED TO MIN. 95% OF MAX. DRY DENSITY) AND PER THE GEOTECHNICAL RECOMMENDATIONS.
42. CONSTRUCT 4" BLUE ACCESSIBLE PATH PAVEMENT STRIP AS SHOWN ON PLAN.
43. CONSTRUCT 6" HOPE STORM DRAIN LINE WITH 0.5% MINIMUM SLOPE IN TRENCH PER DETAIL 12 / CD-2.



IMPORTANT NOTICE

ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR IS TO NOTIFY UNDERGROUND SERVICE ALERT TWO WORKING DAYS PRIOR TO STARTING ANY EXCAVATION OR RESURFACING.

CALL TOLL FREE 1-800-422-4133



**PLEASANT VALLEY
SCHOOL DISTRICT**

**600 TEMPLE AVENUE,
CAMARILLO, CA 93010**

ENGINEER

ENGINEER'S STAMP

CONSULTANT



CONSULTANT'S STAMP



PROJECT TITLE AND ADDRESS

**SITE PIPING REPLACEMENT,
PHI & QUAD RENOVATION
PROJECT**

**SANTA ROSA
TECHNOLOGY MAGNET
SCHOOL
13282 SANTA ROSA RD,
CAMARILLO, CA 93012**

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	2/25/2026

BUILDING & ASSOCIATES, INC. CONSULTING ENGINEERS. THESE DOCUMENTS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WITHOUT THE WRITTEN PERMISSION OF BUILDING & ASSOCIATES, INC. NO PART OF THESE DOCUMENTS IS TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT OBTAINING WRITTEN PERMISSION FROM BUILDING & ASSOCIATES, INC.

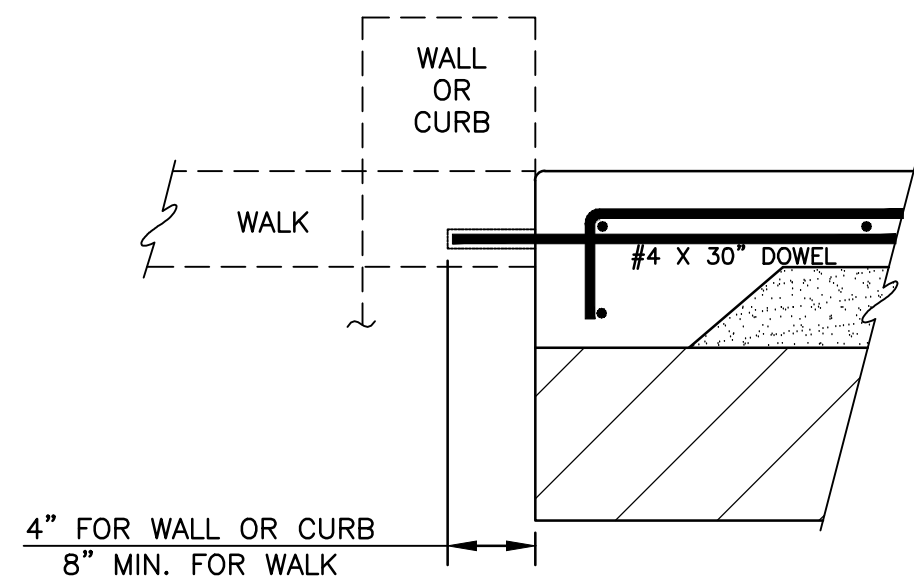
SHEET TITLE

**SITE IMPROVEMENT
PLAN**

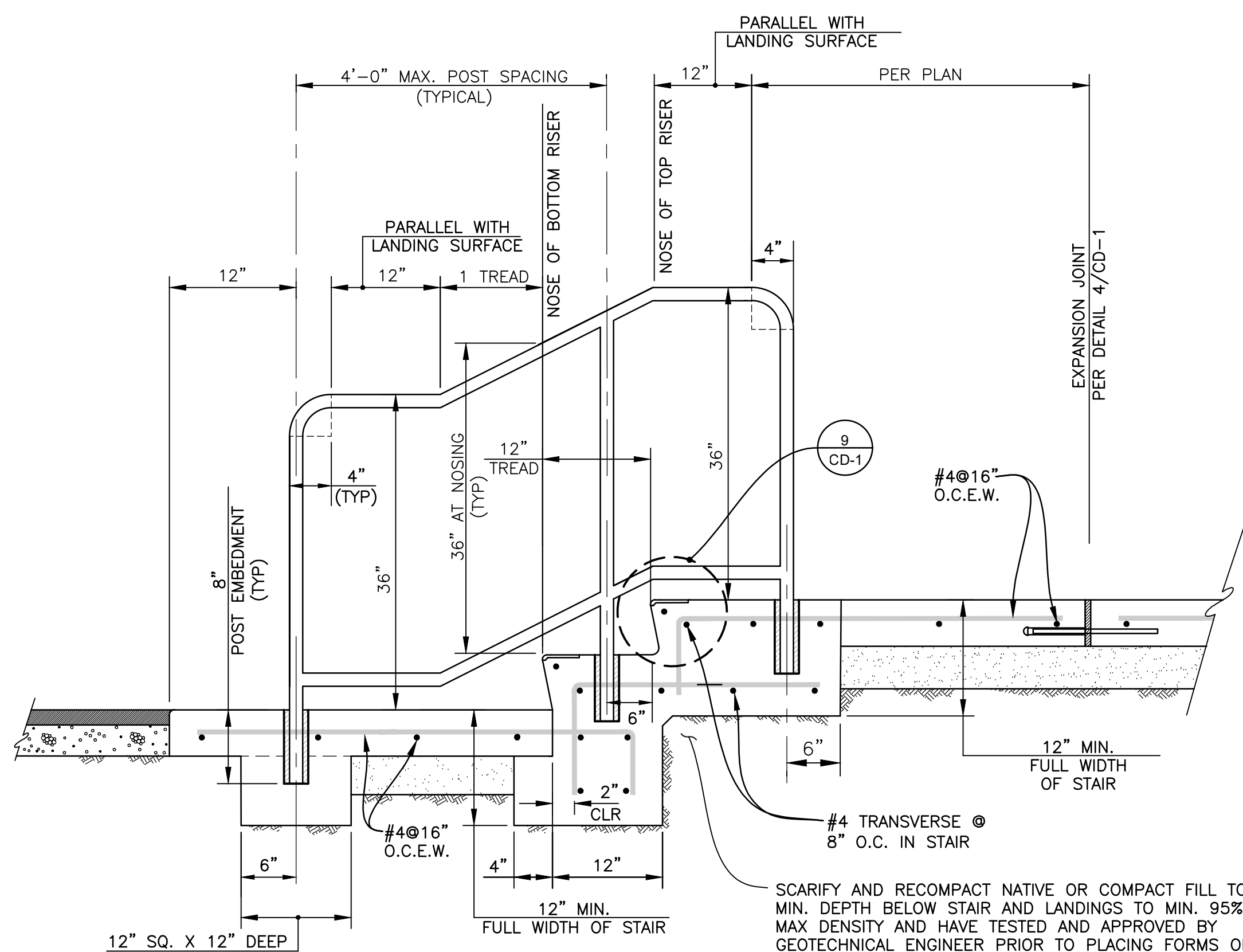
DATE _____
SCALE _____
PROJECT NO. _____
DRAWN BY _____
CHECKED BY _____
SHEET NUMBER _____

C-1

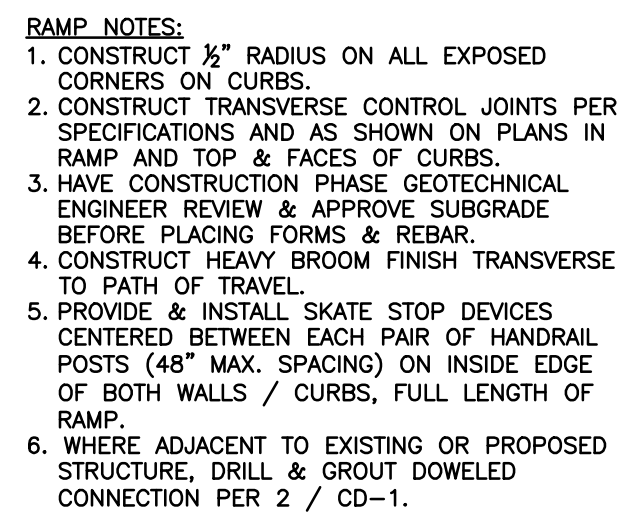
IF JOINING EXISTING WALKWAY OR IF ADJACENT TO EXISTING OR PROPOSED STRUCTURE OR CURB, DRILL & EPOXY GROUT #4 DOWEL INTO $\frac{5}{8}$" DIA HOLE AT 18" O.C. IN WALK, OR 36" O.C. IN STRUCTURE, OR CURB.
WHERE CALLED FOR ON DRAWINGS, CONSTRUCT EXPANSION JOINT BETWEEN WALKWAY AND EXISTING OR PROPOSED STRUCTURE PER 3/CD-1 WITH FIXED END OF DOWEL INTO WALKWAY OR STRUCTURE



2 WALKWAY ADJACENT TO STRUCTURE / EXIST. WALK
NOT TO SCALE

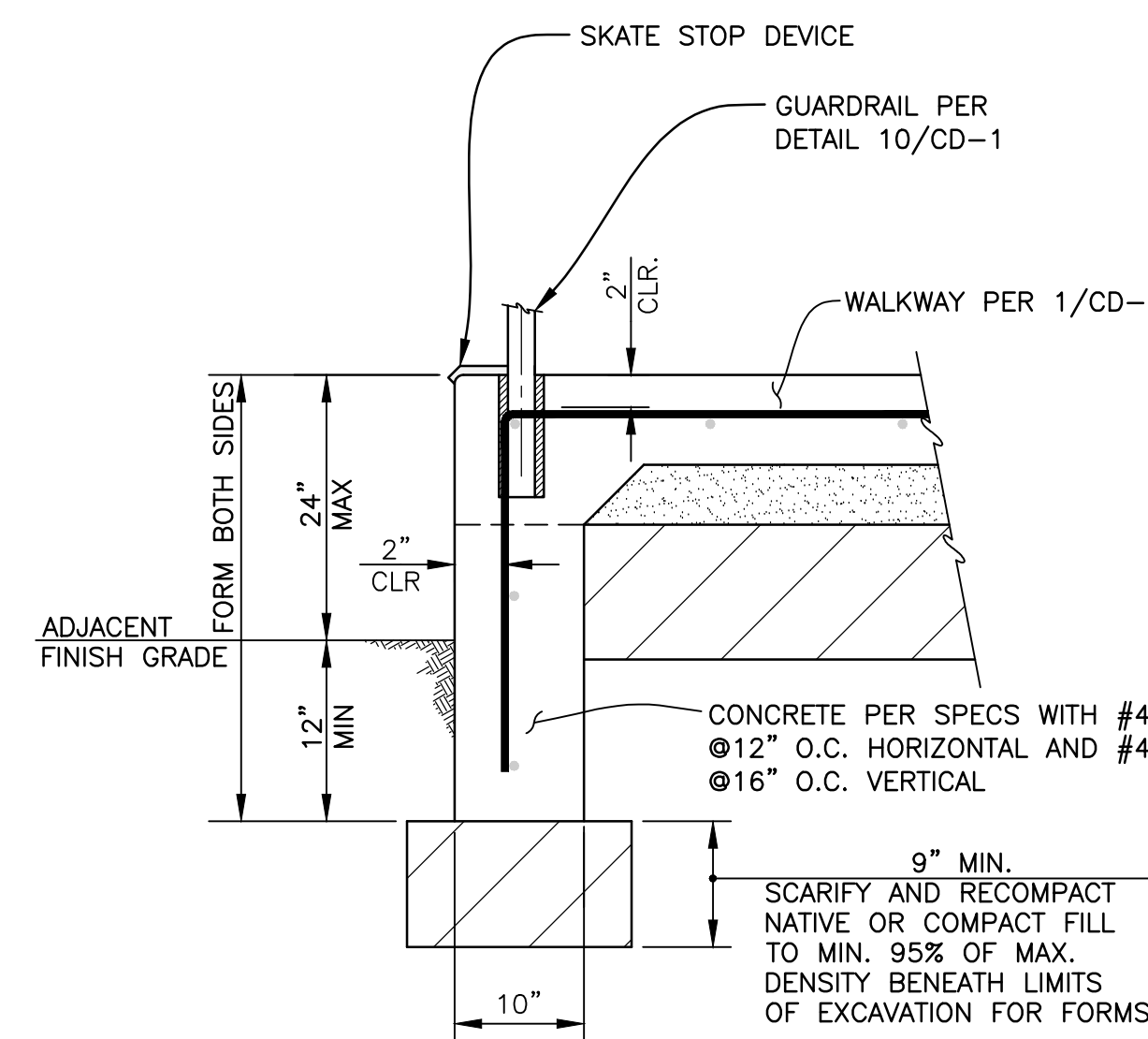


6 **CONCRETE STAIR DETAIL**
NOT TO SCALE

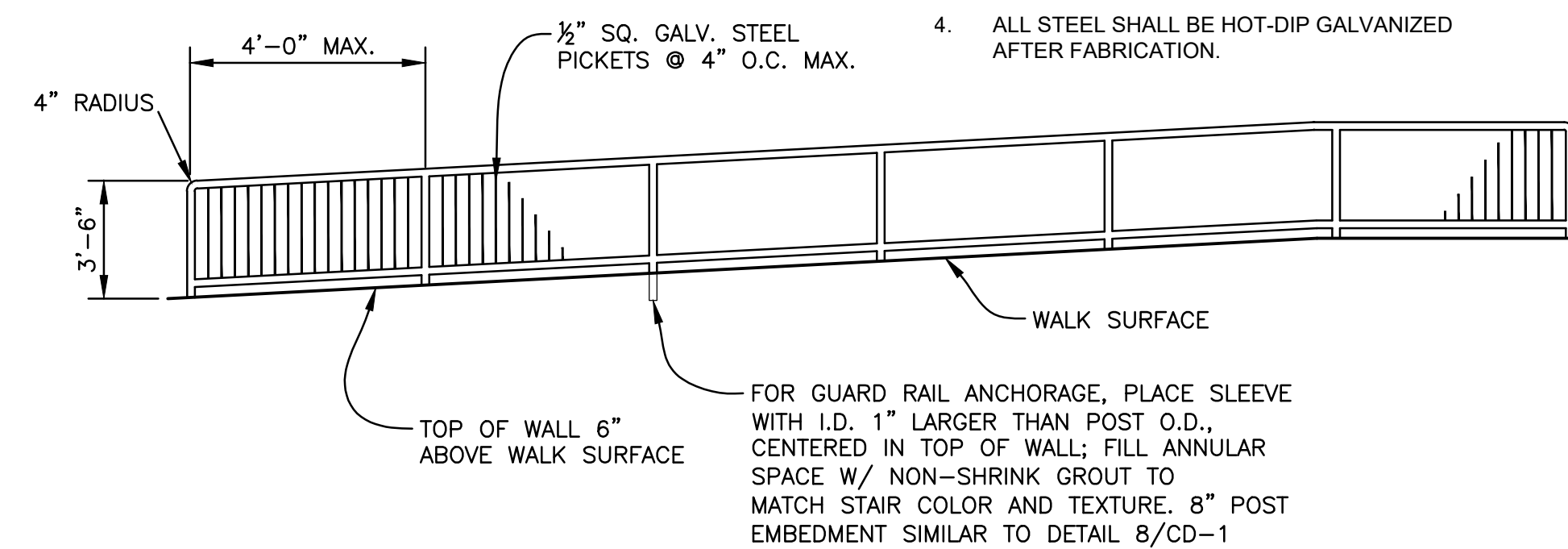


FOR HANDRAIL POST ANCHORAGE,
CAST-IN-PLACE A 2½" NOMINAL (2.875" O.D.)
BY 8"-LONG SCH 40 STEEL SLEEVE, CENTERED
6" FROM STAIR EDGE; FILL ANNULAR SPACE
WITH NON-SHRINK GROUT TO MATCH STAIR
COLOR AND TEXTURE.

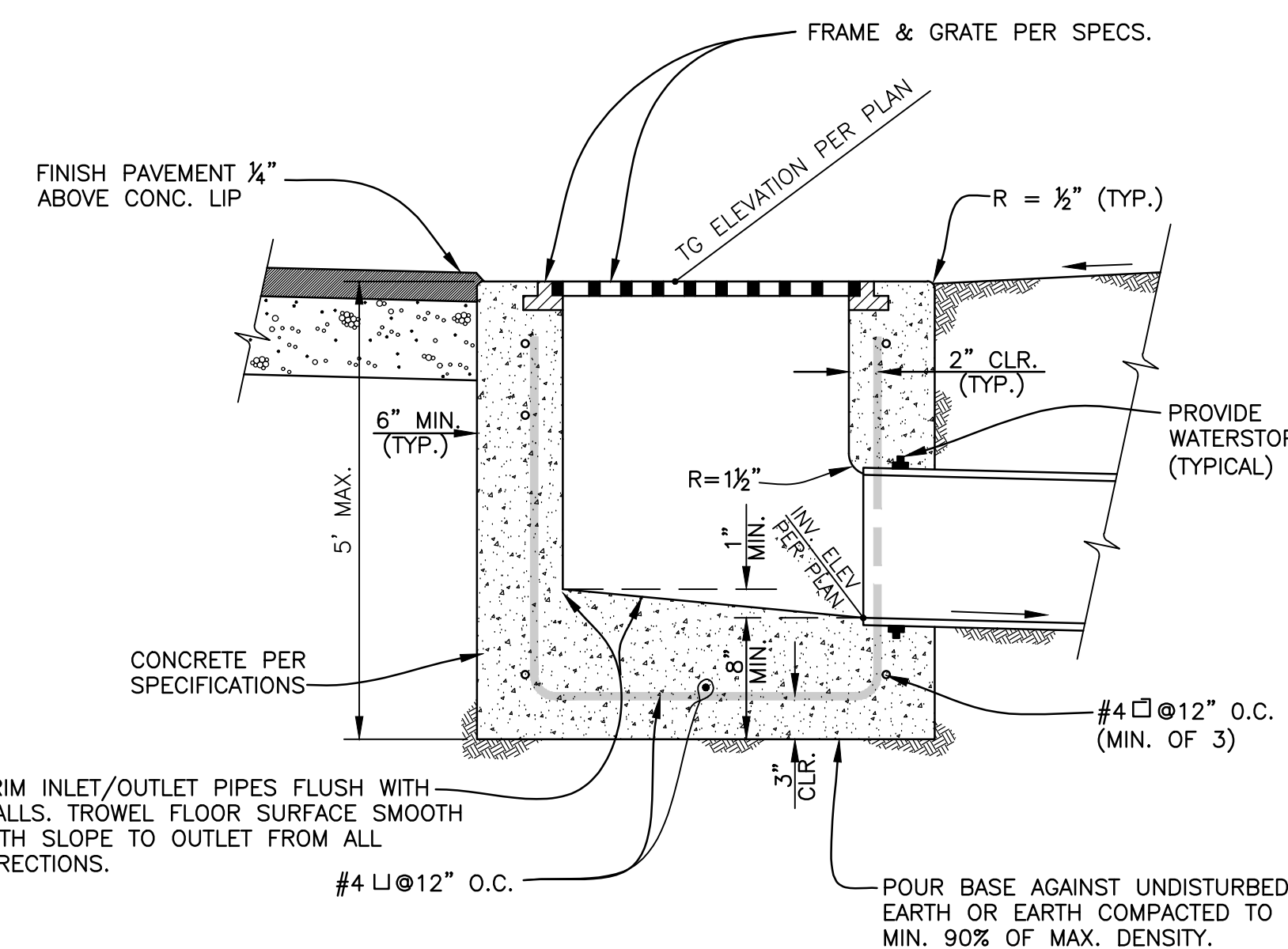
DRILL & EPOXY GROUT ALL TRANSVERSE REBAR
(EXCEPT #3 BARS AT NOSINGS) INTO SIDEWALL.



7 WALKWAY EDGE WITH STEMWALL DETAIL
NOT TO SCALE



10 **GUARD RAIL DETAIL**
NOT TO SCALE



11 **CAST-IN-PLACE CATCH BASIN DETAIL**
NOT TO SCALE



600 TEMPLE AVENUE,
CAMARILLO, CA 93010

ENGINEER

ENGINEER'S STAMP

CONSULTANT

F&A

CIVIL ENGINEERING • PLANNING
CONSTRUCTION ENGINEERING

115 W. CANON PERDIDO STREET
SANTA BARBARA, CA 93101
PHONE: 805.966.2224

CONSULTANT'S STAMP



PROJECT TITLE AND ADDRESS:

**SITE PIPING REPLACEMENT,
PHII & QUAD RENOVATION
PROJECT**

**SANTA ROSA
TECHNOLOGY MAGNET
SCHOOL
13282 SANTA ROSA RD.
CAMARILLO, CA 93012**

REVISION

[illegible]

BUDLONG & ASSOCIATES INC. CONSULTING ENGINEERS. THESE DOCUMENTS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE EXPRESSED WRITTEN PERMISSION OF BUDLONG & ASSOCIATES INC.; NOR ARE THESE DOCUMENTS TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT OBTAINING SAID WRITTEN PERMISSION & CONSENT FROM BUDLONG & ASSOCIATES INC.

SHEET TITLE

DETAILS

DATE
SCALE
PROJECT NO.
DRAWN BY
CHECKED BY
SHEET NUMBER

CD-1



CONSULTANT



**SANTA ROSA
TECHNOLOGY MAGNET
SCHOOL
13282 SANTA ROSA RD,
CAMARILLO, CA 93012**

REVISIONS

BUIDLONG & ASSOCIATES INC. CONSULTING ENGINEERS. THESE DOCUMENTS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE EXPRESSED WRITTEN PERMISSION OF BUIDLONG & ASSOCIATES INC.; NOR ARE THESE DOCUMENTS TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT OBTAINING SAID WRITTEN PERMISSION & CONSENT FROM BUIDLONG & ASSOCIATES INC.

SHEET TITLE

DATE
SCALE
PROJECT NO.
DRAWN BY
CHECKED BY
SHEET NUMBER

CD-2

ADDENDUM NO. 2

Date: February 19, 2026

Issued By: Jordan & Bain Landscape Architects, Inc.
459 North Ventura Avenue, Ventura, California 93001
(805) 642-3641 Phone; (805) 653-7874 Fax

Project: Santa Rosa Technology Magnet School
Site Piping Replacement, Phase 2 and Quad Renovation
FB-26-01

Issued To: Pleasant Valley School District
For Review and Distribution

This Addendum forms a part of the Contract Documents and modifies the original Contract Documents as noted below. Acknowledge receipt of this Addendum in the space provided on the Form of Bid. Changes are indicated as Delta 1, dated February 19, 2026.

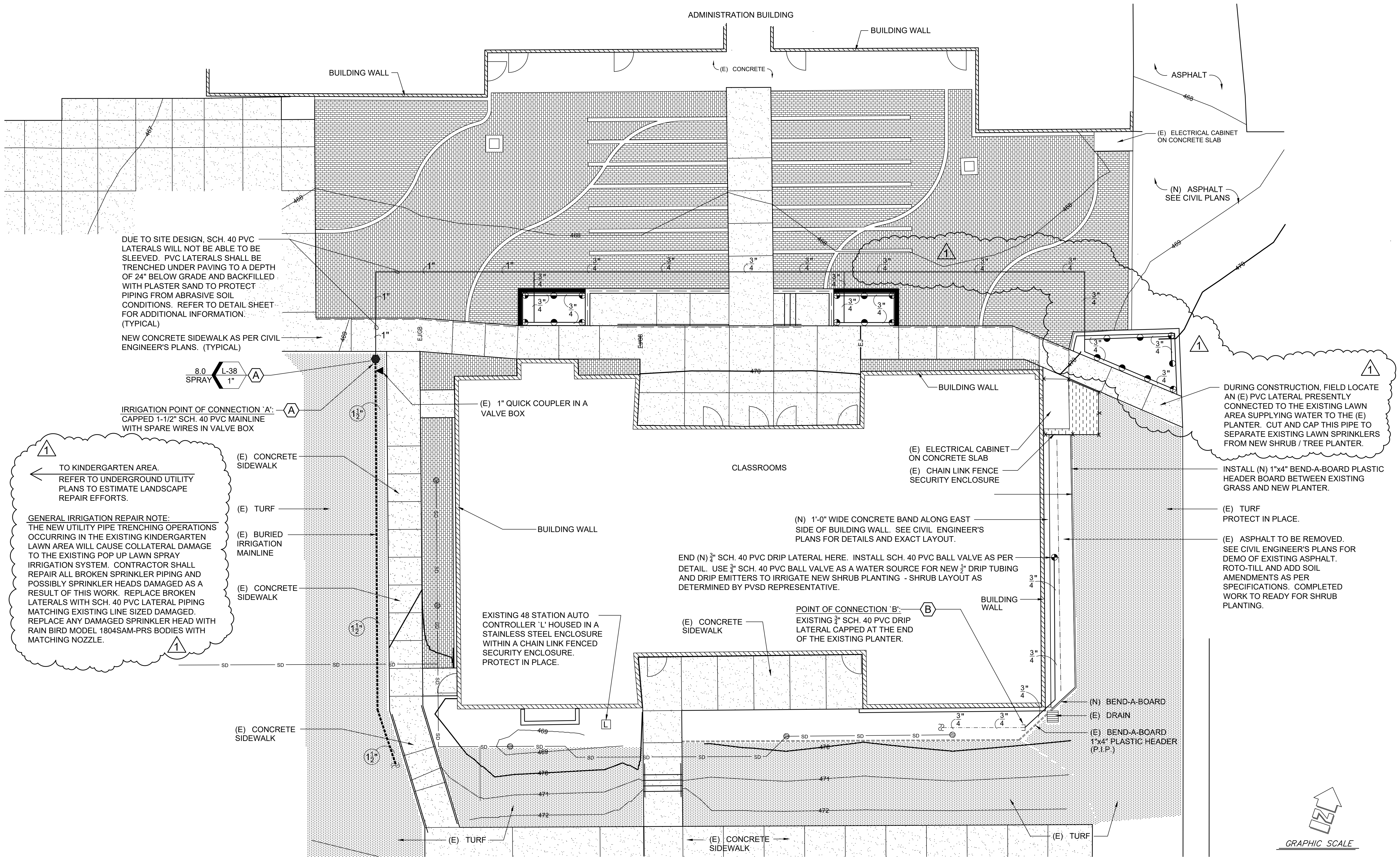
A. Sheet L4.1 – Irrigation Plan

1. Add approximately 100 ln. ft. of $\frac{3}{4}$ " Schedule 40 PVC lateral piping and eight (8) 6" pop-up shrub sprayheads with nozzles to irrigate new shrub/tree planter located near northeast corner of classroom buildings.
2. The existing shrub planter located near the northeast corner of the classroom buildings is currently being irrigated by the adjacent lawn sprinklers. Field verify the exact location of this pipe connection, cut pipe and install line size Schedule 40 PVC solvent weld cap. Completed work will have all new planters irrigated by (N) RCV 'L-38'. The existing lawn sprinklers will not irrigate any shrub planters.
3. General Irrigation Repair Note added as follows:
"The new utility pipe trenching operations occurring in the existing Kindergarten lawn area will cause collateral damage to the existing pop up lawn spray irrigation system. Contractor shall repair all broken sprinkler piping and possibly sprinkler heads damaged as a result of this work. Replace broken laterals with Sch. 40 PVC lateral piping matching existing line sized damaged. Replace any damaged sprinkler head with Rain Bird Model 1804SAM-PRS bodies with matching nozzle."

B. Sheet L5.1 – Planting Plan

1. General Planting Repair Note added as follows:

“The new utility pipe trenching operations occurring in the existing Kindergarten lawn area will cause collateral damage to the existing grass play area. Contractor shall repair all broken sprinkler piping caused by this scope of work. Once the utility lines have been backfilled and compacted, repair damaged grass area with new Southland Sod ‘Marathon II’ sod. Cut and patch sod over trenches to reestablish a smooth, uniform grass surface suitable for safe pedestrian use as well as suitable for rotary lawnmower operations without scalping grass. Install sod as per Grower's specifications.”



DUE TO SITE DESIGN, SCH. 40 PVC LATERALS WILL NOT BE ABLE TO BE SLEEVED. PVC LATERALS SHALL BE TRENCHED UNDER PAVING TO A DEPTH OF 24" BELOW GRADE AND BACKFILLED WITH PLASTER SAND TO PROTECT PIPING FROM ABRASIVE SOIL CONDITIONS. REFER TO DETAIL SHEET FOR ADDITIONAL INFORMATION. (TYPICAL)

NEW CONCRETE SIDEWALK AS PER CIVIL ENGINEER'S PLANS. (TYPICAL)

IRRIGATION POINT OF CONNECTION 'A': CAPPED 1-1/2" SCH. 40 PVC MAINLINE WITH SPARE WIRES IN VALVE BOX

TO KINDERGARTEN AREA. REFER TO UNDERGROUND UTILITY PLANS TO ESTIMATE LANDSCAPE REPAIR EFFORTS.

GENERAL IRRIGATION REPAIR NOTE:
THE NEW UTILITY PIPE TRENCHING OPERATIONS OCCURRING IN THE EXISTING KINDERGARTEN LAWN AREA WILL CAUSE COLLATERAL DAMAGE TO THE EXISTING POP UP LAWN SPRAY IRRIGATION SYSTEM. CONTRACTOR SHALL REPAIR ALL BROKEN SPRINKLER PIPING AND POSSIBLY SPRINKLER HEADS DAMAGED AS A RESULT OF THIS WORK. REPLACE BROKEN LATERALS WITH SCH. 40 PVC LATERAL PIPING MATCHING EXISTING LINE SIZED DAMAGED. REPLACE ANY DAMAGED SPRINKLER HEAD WITH RAIN BIRD MODEL 1804SAM-PRS BODIES WITH MATCHING NOZZLE.

EXISTING 48 STATION AUTO CONTROLLER 'L' HOUSED IN A STAINLESS STEEL ENCLOSURE WITHIN A CHAIN LINK FENCED SECURITY ENCLOSURE. PROTECT IN PLACE.

(N) 1'-0" WIDE CONCRETE BAND ALONG EAST SIDE OF BUILDING WALL. SEE CIVIL ENGINEER'S PLANS FOR DETAILS AND EXACT LAYOUT.

END (N) 3/4" SCH. 40 PVC DRIP LATERAL HERE. INSTALL SCH. 40 PVC BALL VALVE AS PER DETAIL. USE 3/4" SCH. 40 PVC BALL VALVE AS A WATER SOURCE FOR NEW 1/2" DRIP TUBING AND DRIP EMITTERS TO IRRIGATE NEW SHRUB PLANTING - SHRUB LAYOUT AS DETERMINED BY PVSD REPRESENTATIVE.

POINT OF CONNECTION 'B': EXISTING 3/4" SCH. 40 PVC DRIP LATERAL CAPPED AT THE END OF THE EXISTING PLANTER.

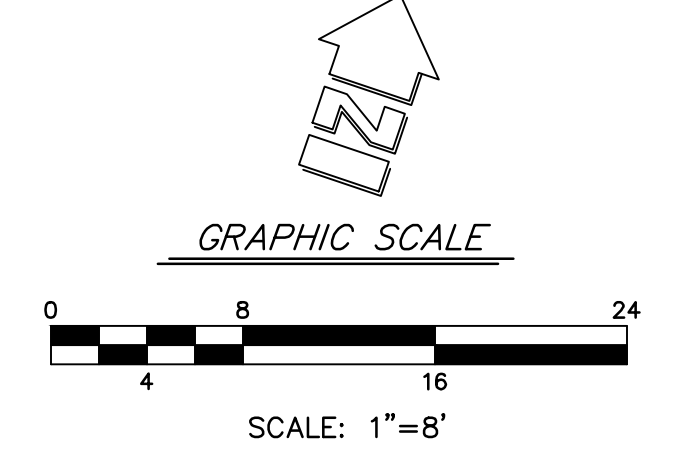
DURING CONSTRUCTION, FIELD LOCATE AN (E) PVC LATERAL PRESENTLY CONNECTED TO THE EXISTING LAWN AREA SUPPLYING WATER TO THE (E) PLANTER. CUT AND CAP THIS PIPE TO SEPARATE EXISTING LAWN SPRINKLERS FROM NEW SHRUB / TREE PLANTER.

INSTALL (N) 1"x4" BEND-A-BOARD PLASTIC HEADER BOARD BETWEEN EXISTING GRASS AND NEW PLANTER.

(E) TURF PROTECT IN PLACE.

(E) ASPHALT TO BE REMOVED. SEE CIVIL ENGINEER'S PLANS FOR DEMO OF EXISTING ASPHALT. ROTO-TILL AND ADD SOIL AMENDMENTS AS PER SPECIFICATIONS. COMPLETED WORK TO BE READY FOR SHRUB PLANTING.

NOTE:
SEE SHEET L4.2 FOR IRRIGATION LEGEND AND NOTES.



UNDERGROUND SERVICE ALERT



CALL : TOLL FREE
1-800-422-4133
OR
811

TWO WORKING DAYS BEFORE YOU DIG

JORDAN, & BAIN
LANDSCAPE ARCHITECTS, INC.
459 NORTH VENTURA AVE., VENTURA CA 93001
(805) 642-3641 FAX (805) 653-7874
Jordan & Bain Landscape Architects, Inc. © 2025

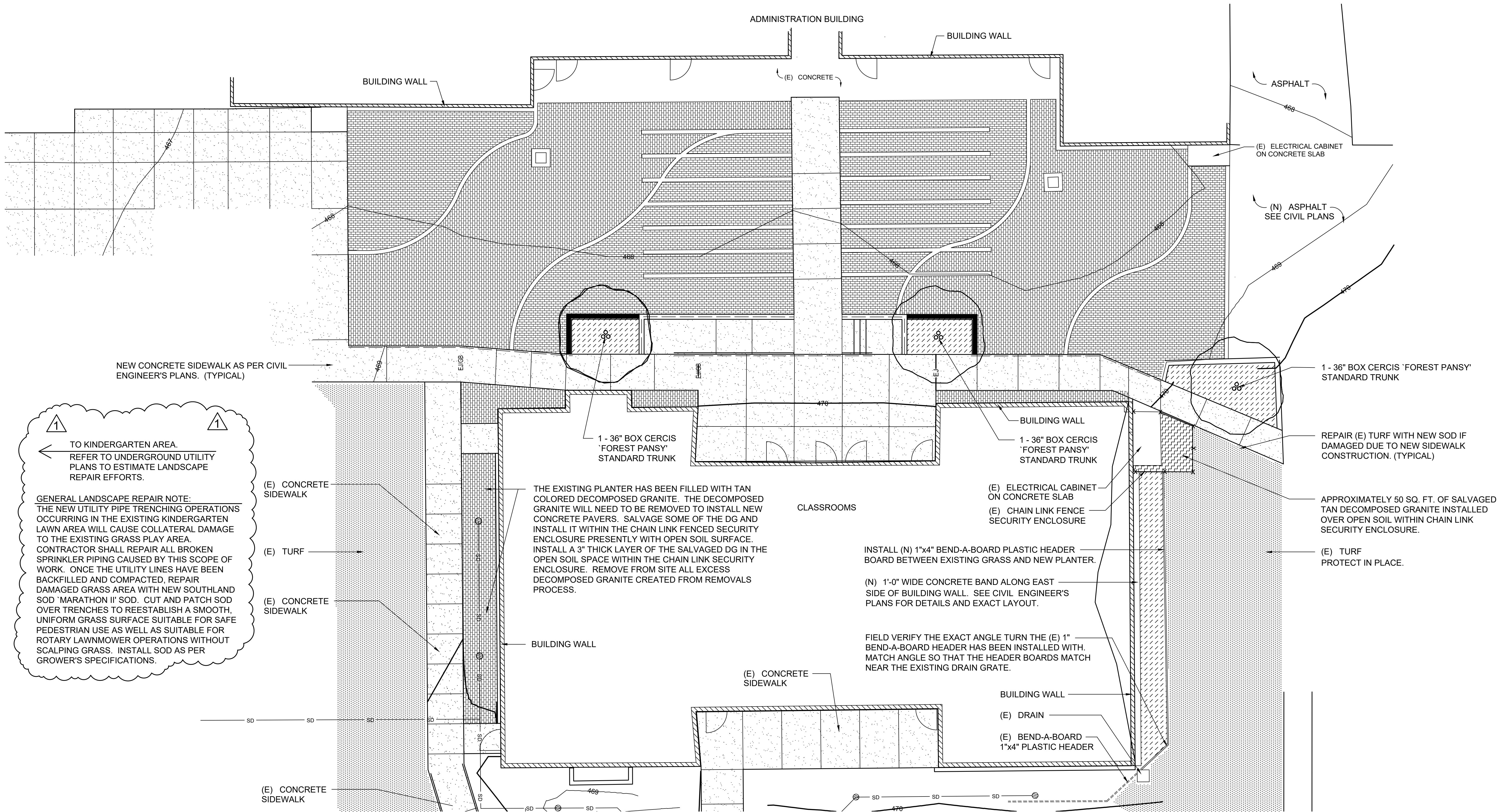
REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	2-19-26	JB	ADDENDUM #1-ADD LANDSCAPE PLANS

CLIENT
**PLEASANT VALLEY
SCHOOL DISTRICT**
600 Temple Avenue
Camarillo, CA. 93010

SHEET TITLE
PLANTING PLAN
PROJECT
**Santa Rosa Tech Magnet
Elementary School**
FB-26-01
Site Piping Replacement, Phase 2 &
Quad Renovation Project
13282 Santa Rosa Rd
Camarillo, CA 93012

DRAWN:	JB
CHECKED:	JB
PRINTED FOR:	
DISTRICT REVIEW:	01-30-26
BID:	01-30-26
CONSTRUCTION:	01-30-26

DRAWING
L4.1
SHEET 4 OF 7
PROJECT No. 25.43



PLANTING LEGEND AND NOTES

SYMBOL	DESCRIPTION	PROJECT NOTES
	NEW PLANTING AREAS: INCORPORATE SITE TOP SOIL WITH AMENDMENTS PER SPECS. INSTALL AGROMIN 'GARDEN MULCH' WOOD MULCH COVER PER SPECS. FINE GRADE AREA TO BE READY FOR FUTURE SHRUB PLANTING.	1. SHRUB PLANTING AREAS: CLEAN AND GRUB ANY EXISTING REMAINING VEGETATION OR RESIDUAL PAVING MATERIALS. FINE GRADE EXPOSED SOIL TO A SMOOTH UNIFORM SURFACE WITH POSITIVE DRAINAGE AS PER CIVIL ENGINEER'S PLANS. PVSD SHALL SELECT & PURCHASE A TOTAL OF (45) 5-GALLON SHRUBS TO BE DELIVERED TO SITE. CONTRACTOR SHALL POSITION AND SPOT DELIVERED SHRUBS IN THE NEW PLANTERS WITH THE PVSD REPRESENTATIVE. ONCE THE PLANTS HAVE BEEN POSITIONED IN THE PLANTERS AND APPROVED BY THE PVSD REPRESENTATIVE, CONTRACTOR SHALL PLANT THE SHRUBS AS PER PROJECT SPECIFICATIONS. SHRUB PLANTING AREAS SHALL BE TREATED WITH AN APPROVED PRE-EMERGENT HERBICIDE AND COVERED WITH A 3" THICK LAYER OF AGROMIN 'GARDEN MULCH' WOOD MULCH.
	(E) TURF - PROTECT IN PLACE DURING CONSTRUCTION	2. SOD LAWN REPLACEMENT FOR EXISTING TURF AREAS DAMAGED AS A RESULT OF NEW CONSTRUCTION WORK: IT WILL BE PART OF THE BASE BID RESPONSIBILITY OF THE CONTRACTOR TO REPLACE ALL (E) TURF AREAS DAMAGED OR DESTROYED DURING THIS PROJECT SCOPE AS PART OF THE SUBMITTED PRICE TO THE SCHOOL DISTRICT. CONTRACTOR SHALL REVIEW THE MECHANICAL ENGINEER'S PLANS, ELECTRICAL ENGINEER'S PLANS, AND CIVIL ENGINEER'S PLANS TO DETERMINE THE AMOUNT OF NEW UTILITY TRENCHING THAT WILL OCCUR THROUGH THE EXISTING TURF AREAS. THESE AREAS WILL BE REPLACED WITH NEW SOD LAWN. THE CONTRACTOR WILL BE RESPONSIBLE TO FINE GRADE DISTURBED TURF AREAS TO BLEND EVENLY BACK TO SURROUNDING (E) GRADES TO CREATE A SMOOTH, UNIFORM SURFACE SUITABLE FOR PEDESTRIAN USE AND ROTARY LAWN MOWER OPERATION. SOD SHALL BE PLACED IN DISTURBED AREAS SO AS TO MATCH (E) FINISH GRADES. REPAIR ALL EXISTING IRRIGATION PIPING OR SPRINKLERS DAMAGED AS A RESULT OF NEW WORK. SOD SHALL BE SOUTHLAND SOD 'MARATHON II'. ROTO-TILL SOD AMENDMENTS INTO SOIL AS PER SPECIFICATIONS, FINE GRADE, AND INSTALL SOD AS PER GROWER'S SPECIFICATIONS.
	SALVAGE A PORTION OF THE EXISTING TAN DECOMPOSED GRANITE INSTALLED ALONG WEST SIDE OF BUILDING AND INSTALL WITHIN THE EXISTING CHAIN LINK FENCED SECURITY ENCLOSURE PRESENTLY WITH ONLY EXPOSED SOIL AS A SURFACE. INSTALL A 3" THICK LAYER ON TAN DECOMPOSED GRANITE WITHIN THE ENCLOSURE AND COMPACT INTO PLACE. DISPOSE OF ALL EXCESS TAN DECOMPOSED GRANITE REMOVED FROM WEST SIDE OF BUILDING IN ORDER TO INSTALL NEW CONCRETE PAVERS. APPROXIMATE AREA REQUIRING A DECOMPOSED GRANITE IS APPROXIMATELY 50 SQ. FT. CONTRACTOR SHALL FIELD VERIFY THE EXCT AREAS REQUIRING DECOMPOSED GRANITE COVER WITHIN THE EXISTING ENCLOSURE.	
	EPIC PLASTICS 1"x4" HDPE PLASTIC HEADER BOARD, BROWN IN COLOR, INSTALLED IN BETWEEN EXISTING TURF AND NEW SHRUB PLANTER. APPROXIMATELY 60 LINEAR FEET REQUIRED. CONTRACTOR SHALL FIELD VERIFY THE EXACT QUANTITY REQUIRED.	

GRAPHIC SCALE

0 8 24
4 16
SCALE: 1"=8'

UNDERGROUND SERVICE ALERT

CALL : TOLL FREE
1-800-422-4133
OR
811

TWO WORKING DAYS BEFORE YOU DIG

THESE DRAWINGS, SPECIFICATIONS AND DESIGNS ARE INSTRUMENTS OF PROFESSIONAL SERVICES AND AS SUCH ARE THE PROPERTY OF JORDAN & BAIN LANDSCAPE ARCHITECTS, INC. REPRODUCTION OR OTHER USE NOT AUTHORIZED BY JORDAN, GILBERT & BAIN IS PROHIBITED WITHOUT WRITTEN APPROVAL.

JORDAN, & BAIN
LANDSCAPE ARCHITECTS, INC.
459 NORTH VENTURA AVE., VENTURA CA 93001
(805) 642-3641 FAX (805) 653-7874
Jordan & Bain Landscape Architects, Inc. © 2025

REVISIONS	NO.	DATE	BY	DESCRIPTION
	1	2-19-26	JB	ADDENDUM #1-ADD LANDSCAPE PLANS

CLIENT
PLEASANT VALLEY
SCHOOL DISTRICT
600 Temple Avenue
Camarillo, CA. 93010

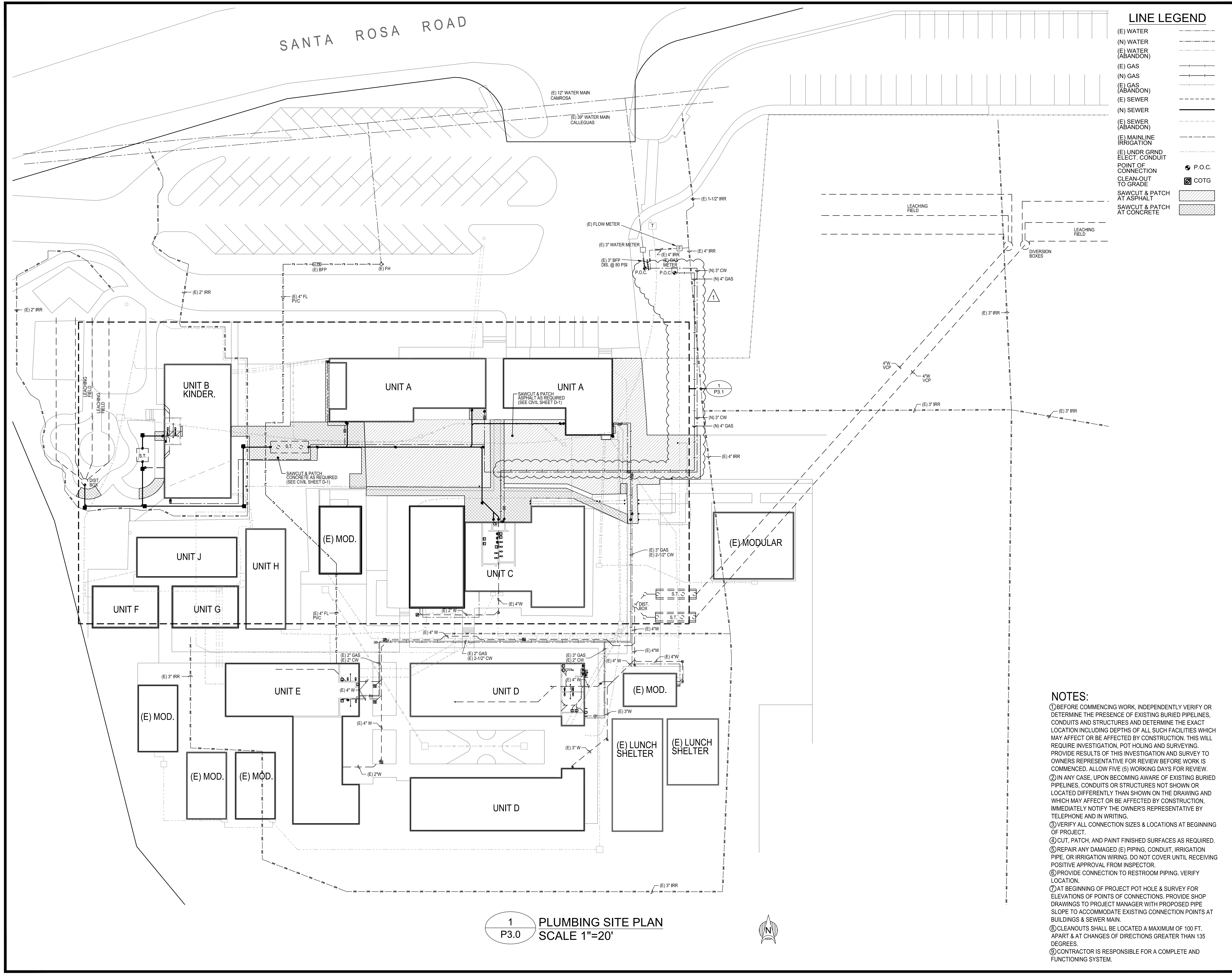
SHEET TITLE
PLANTING PLAN
PROJECT
Santa Rosa Tech Magnet
Elementary School
FB-26-01
Site Piping Replacement, Phase 2 &
Quad Renovation Project
13282 Santa Rosa Rd
Camarillo, CA 93012

DRAWN:	JB
CHECKED:	JB
PRINTED FOR:	
DISTRICT REVIEW:	01-30-26
BID:	01-30-26
CONSTRUCTION:	01-30-26

DRAWING

L5.1

SHEET 6 OF 7
PROJECT No. 25.43



Revisions		
1	ADDENDUM #1	2-25-26

AE Group
Mechanical Engineers
838 East Front Street
Ventura, California 93001
(805) 653-1722
hugh@aegroupme.com

PLEASANT VALLEY SCHOOL DISTRICT
BID FB-26-01, SANTA ROSA TECH. MAGNET SCHOOL
SITE PIPING REPLACEMENT, PHASE 2 AND QUAD RENOVATION PROJECT
13282 SANTA ROSA RD. CAMARILLO, CA. 93012

Sheet Content	
PLUMBING SITE PLAN	

Date: 1/30/26
Drawn: TP
Sheet Number
P3.0
of Sheets

NOTES:

- ① BEFORE COMMENCING WORK, INDEPENDENTLY VERIFY OR DETERMINE THE PRESENCE OF EXISTING BURIED PIPELINES, CONDUITS AND STRUCTURES AND DETERMINE THE EXACT LOCATION INCLUDING DEPTHS OF ALL SUCH FACILITIES WHICH MAY AFFECT OR BE AFFECTED BY CONSTRUCTION. THIS WILL REQUIRE INVESTIGATION, POT HOLEING AND SURVEYING. PROVIDE RESULTS OF THIS INVESTIGATION AND SURVEY TO OWNERS REPRESENTATIVE FOR REVIEW BEFORE WORK IS COMMENCED. ALLOW FIVE (5) WORKING DAYS FOR REVIEW.
- ② IN ANY CASE, UPON BECOMING AWARE OF EXISTING BURIED PIPELINES, CONDUITS OR STRUCTURES NOT SHOWN OR LOCATED DIFFERENTLY THAN SHOWN ON THE DRAWING AND WHICH MAY AFFECT OR BE AFFECTED BY CONSTRUCTION, IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE BY TELEPHONE AND IN WRITING.
- ③ VERIFY ALL CONNECTION SIZES & LOCATIONS AT BEGINNING OF PROJECT.

- ④ CUT, PATCH, AND PAINT FINISHED SURFACES AS REQUIRED.
- ⑤ REPAIR ANY DAMAGED (E) PIPING, CONDUIT, IRRIGATION PIPE, OR IRRIGATION WIRING. DO NOT COVER UNTIL RECEIVING POSITIVE APPROVAL FROM INSPECTOR.
- ⑥ PROVIDE CONNECTION TO RESTROOM PIPING. VERIFY LOCATION.
- ⑦ AT BEGINNING OF PROJECT POT HOLE & SURVEY FOR ELEVATIONS OF POINTS OF CONNECTIONS. PROVIDE SHOP DRAWINGS TO PROJECT MANAGER WITH PROPOSED PIPE SLOPE TO ACCOMMODATE EXISTING CONNECTION POINTS AT BUILDINGS & SEWER MAIN.
- ⑧ CLEANOUTS SHALL BE LOCATED A MAXIMUM OF 100 FT. APART & AT CHANGES OF DIRECTIONS GREATER THAN 135 DEGREES.
- ⑨ CONTRACTOR IS RESPONSIBLE FOR A COMPLETE AND FUNCTIONING SYSTEM.

LINE LEGEND

- (E) WATER
(N) WATER
(E) GAS
(N) GAS
(E) GAS (ABANDON)
(E) SEWER
(N) SEWER
(E) SEWER (ABANDON)
(E) MAINLINE IRRIGATION
(E) UNDR GRND ELECT. CONDUIT
POINT OF CONNECTION
CLEAN-OUT TO GRADE
- P.O.C.
COTG

Revisions		
1	ADDENDUM #1	2-25-26



AE Group
Mechanical Engineers

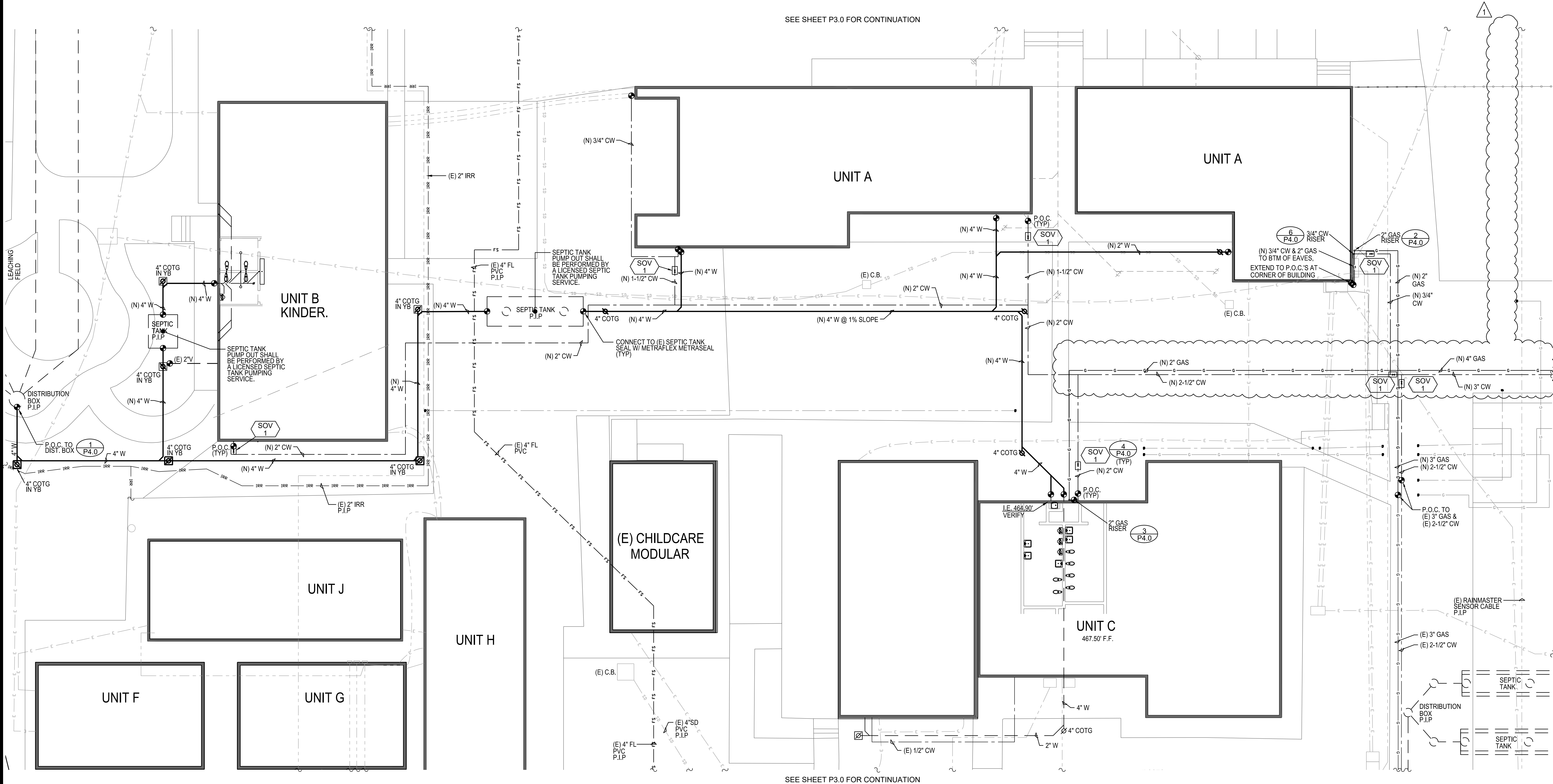
838 East Front Street
Ventura, California 93001
(805) 653-1722
hugh@aegroupme.com



PLEASANT VALLEY SCHOOL DISTRICT
BID FB-26-01, SANTA ROSA TECH. MAGNET SCHOOL
SITE PIPING REPLACEMENT, PHASE 2 AND QUAD RENOVATION PROJECT
13282 SANTA ROSA RD. CAMARILLO, CA. 93012

Sheet Content	
PLUMBING PARTIAL SITE PLAN	

Date: 1/30/26
Drawn: TP
Sheet Number
P3.1
of Sheets



SEE SHEET P3.0 FOR CONTINUATION

SEE SHEET P3.0 FOR CONTINUATION

1
P3.1 PLUMBING PARTIAL SITE PLAN
SCALE 1" = 10'

