

Measure C Bond Office

March 14, 2025

To: All Bidders

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

Subject: Addendum 1, Bid FB-25-04, Pavement Rehabilitation Project, Dos Caminos Elementary School

This addendum is hereby made a part of the Contract Documents for **Bid FB-25-04, Pavement Rehabilitation Project, Dos Caminos Elementary School** 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 additional specifications and drawings.



Pleasant Valley School District

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SECTION 32 12 16
ASPHALT CONCRETE PAVING – ADDENDUM NO. 1

PART 1 GENERAL

1.01 SUMMARY

Asphaltic concrete paving for parking lots and driveway pavements.

1.02 RELATED SECTIONS

- A. Section 31 20 00 Earthwork.
- B. Section 32 11 23 Aggregate Base Course.

1.03 REFERENCES

- A. Standard Specifications for Public Works Construction (SSPWC), latest edition.
- B. ASTM Standards.
- C. Geotechnical Recommendations for Underground Utility Improvements at Las Posas Elementary School, Shade Structure at Dos Caminos Elementary School, Replacement of Asphalt Concrete at CAPE Charter School and PVSEA EEC Playgrounds, New Concrete Walkways at Camarillo Heights School, and Replacement Asphalt Concrete Pavements at PVSEA, in the Pleasant Valley School District, in Camarillo, California (Dated January 28, 2022, Project No. 1025.003.01), prepared by Geotechniques, and shall be superseded by the most current version.
- D. Caltrans Standard Specifications 2018, and shall be superseded by the most current version.

1.04 SUBMITTALS

Submit asphalt concrete mix design(s) for approval of the District Representative.

1.05 TESTING AND INSPECTION

- A. Testing and inspection of asphalt pavement mix(es) and testing of placed stabilizing base course and asphalt pavement will be performed by the District's Testing Laboratory. Testing and inspection will be performed so as to minimize disruption of work.
- B. Allow the District's Testing Laboratory access to the mixing plant for verification of weights or proportions, character of materials used and determination of temperatures used in the preparation of asphaltic concrete mix.

PART 2 PRODUCTS

2.01 GENERAL

Provide the aggregate base, and bituminous surface conforming to the requirements of the Standard Specifications for Public Works Construction (SSPWC).

2.02 PAVING MATERIALS

A. Asphalt Concrete: Asphalt concrete material shall be coarse C2-PG 64-10 per SSPWC Section 203-6. The grading and proportioning of aggregates shall be such that the combined mineral aggregate conforms to the specified requirements.

- Finish Course (playground pavement): D2- PG 64-10

B. Asphalt Emulsion: SSPWC Section 203-3, Grade SS-1h.

C. Prime Coat: Grade SC-70 per SSPWC Section 203-2.

D. Aggregates for base course shall conform to requirements of Specification Section 32 11 23, Aggregate Base Course.

2.03 ASPHALT PAVEMENT MIX

A. Combine mineral constituents in proportions to produce a mixture conforming to requirements of the SSPWC Section 203-6.

B. Percentage by weight of asphalt cement in mixture shall be in accordance with SSPWC Section 203-6.

C. Maintain thorough and uniform mixture.

D. Bring asphalt and mineral constituents to required temperatures before mixing. Ensure aggregates are sufficiently dry so as not to cause foaming in mixture.

PART 3 EXECUTION

3.01 GENERAL

Execute Work in accordance with SSPWC Section 302 and the Geotechnical Recommendations.

3.02 PREPARATION

A. Ensure grading of subgrade to required elevation. Subgrade preparation shall be per SSPWC Section 301.

B. Before final rolling, shape entire section, add additional sub-soil if necessary, and compact subgrade to provide grades, elevation and cross-section indicated. Points of finished subgrade surface shall be within 0.04 foot of elevations indicated on the Drawings.

3.03 BASE COURSE

Place aggregate base in accordance with requirements of SSPWC Section 301 and to the thickness shown on the Drawings. Grade and compact in 6-inch layers to at least 95 percent of compaction (ASTM D1557).

3.04 MAINTENANCE

Maintain the base course until the asphaltic pavement is in place. Maintenance shall include drainage, rolling, shaping and water as necessary to maintain the course in proper condition. Maintain sufficient moisture at the surface to prevent a dusty condition. Areas of completed base course that are damaged shall be conditioned, reshaped and re-compacted in accordance with the requirements of the Specifications without additional cost to the District.

3.05 TACK COAT

- A. Prior to the application of the asphalt concrete, a paint binder (tack coat) shall be applied to all surfaces of walkway, curbs, gutters, manholes and drainage structures which will be in contact with asphalt pavement per SSPWC Section 302-5.4.
- B. Coat surfaces of catch basins which are to remain free of asphalt with oil, or provide equivalent protection, to prevent asphalt adhesion.

3.06 PRIME COAT

Prior to the application of the asphalt concrete, a prime coat shall be applied at a rate of 0.20 to 0.40 gallons per square yard.

3.07 ASPHALT CONCRETE

- A. Requirements: The bituminous concrete shall consist of mineral aggregate, uniformly mixed with bituminous material in a central plant in accordance with SSPWC Section 203-6. The percentage of asphalt binder shall be in accordance with SSPWC Section 203-6. The mixing plant and construction equipment shall conform to the requirements of SSPWC Sections 203-6 and 302-5.
- B. Placing: Deliver bituminous mixtures to the work site temperatures specified in SSPWC Section 302-5.5. Spread and place in accordance with SSPC Section 302-5.5. Asphalt surface shall be fog-sealed.
- C. Compaction: Initial or breakdown rolling and the final rolling of the uppermost layer of the asphalt concrete shall be in accordance with SSPWC Section 302-5.6. Compaction by vehicular traffic shall not be permitted.

3.08 JOINING PAVEMENT

- A. Carefully make joints between old and new pavements or between successive days work in such manner as to insure a continuous bond between old and new sections of the course in accordance with SSPWC Section 302.

- B. Expose and clean edges of existing pavement. Cut edge to straight, vertical surfaces. Paint all joints with a uniform coat of tack coat before the fresh mixture is placed. Prepare joints in the new pavement in accordance with SSPWC Section 302-5.7.

3.09 JOINING NON-PAVED AREAS

Where paving will join landscape or other non-hardscape area a redwood header shall be installed.

3.10 TOLERANCES

- A. Flatness: Maximum variation of 1/8 inch when measured with a 10-foot straight edge. Asphalt substrate shall not vary from planned cross slope by more than +/- 0.2%. Finished asphalt shall be smooth and planar and shall not vary greater than 1/8", plus or minus, under a 10-foot straight edge in any direction. Contractor shall be responsible for providing a survey of new asphalt surfaces that are acceptable to District or District's representative, and to water flood the surface with a water truck in the presence of District or District's representative. If after 20 minutes, "birdbaths" are evident in a depth more than 1/8", the contractor and the District or District's representative will determine the best method of correction at no cost to District.
- B. Variation from True Elevation: Within 1/4 inch.

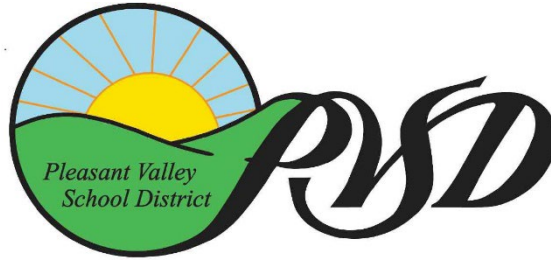
3.11 FIELD QUALITY CONTROL

- A. Inspection and testing shall be performed by the District's Testing Laboratory.
- B. Field inspection and testing will be performed by the District 's Testing Laboratory. The Contractor shall cooperate with such testing and shall give the District's Representative advance notice of paving scheduling. Sufficient "Advance Notice" shall be determined by the District's Representative.
- C. If tests indicate materials do not meet specified requirement, replace material and retest at no additional cost to the District.
- D. Frequency of Test: As determined by the District's Testing Laboratory.

3.12 PROTECTION

After placement, protect pavement from mechanical injury.

END OF SECTION 32 12 16



SPECIFICATIONS
FOR THE
PAVEMENT REHABILITATION PROJECT
AT
DOS CAMINOS ELEMENTARY SCHOOL
3635 APPIAN WAY
CAMARILLO, CALIFORNIA 93010

FOR:
PLEASANT VALLEY SCHOOL DISTRICT
600 TEMPLE AVENUE
CAMARILLO, CA 93010

MARCH 11, 2025

PREPARED BY:
JORDAN & BAIN
LANDSCAPE ARCHITECTS, INC.
459 NORTH VENTURA AVENUE
VENTURA, CA 93001



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PAVEMENT REHABILITATION PROJECT
DOS CAMINOS ELEMENTARY SCHOOL

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**SECTION 01 10 20
FENCING AND PROTECTION**

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes requirements for temporary fencing and protection of the work area.

1.02 SUBMITTALS

Submit for approval, all catalog cuts and or specification sheet for all fencing products.

1.03 QUALITY ASSURANCE

Fencing shall be installed by a qualified fence company with experience in the installation of temporary fencing.

PART 2 PRODUCTS

2.01 TEMPORARY FENCING

Temporary fencing shall be 6 feet high chain link fence fabric attached to post and frames in a secure manner. Barb wire and or razor wire is not allowed. Fencing shall be kept in place during the construction period and maintenance period. Fencing shall be removed only when written authorization is provided by the District.

PART 3 EXECUTION

3.01 FENCE LAYOUT

Contractor shall submit to the District for approval, a schematic fence layout showing the location of fence panels and method of attachment of panels and post. This plan must be approved by the District prior to start of the work.

3.02 FENCE INSTALLATION

- A. Install fencing and post so that no damage occurs to the existing underground conduits or paving. Immediately repair all damage to the existing conditions that may occur as a result of the fence installation.
- B. If fencing panels have post with a horizontal support frame, make sure they are visually apparent to prevent any trip hazard.

3.03 FENCE REPAIR

Immediately repair any damage to the fencing that may occur.

END OF SECTION 01 10 20

SECTION 02 41 10 MISCELLANEOUS REMOVALS

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes specifications for the removal of the existing concrete paving, asphalt paving, landscaping, and miscellaneous items.

1.02 REFERENCE STANDARDS

The "Greenbook" Standards and Specifications for Public Works Construction as referenced in the Specifications.

1.03 IMPORT SOIL

The source of any required Imported soil shall be tested and approved by the District prior to any delivery.

1.04 DISPOSAL OF MATERIALS

Remove items such as landscape materials, concrete paving, asphalt paving, and all other miscellaneous items scheduled to be removed shall be properly disposed of as they accumulate. Do not store or permit debris to accumulate on the site.

PART 2 PRODUCTS

(Not Used)

PART 3 EXECUTION

3.01 INSPECTION

- A. Prior to starting, inspect the site with the District Inspector to verify all removals required to complete the work.
- B. Examine surfaces for conditions that will adversely affect execution, permanence, and quality of work of this Section.
- C. Do not proceed with work until unsatisfactory conditions have been corrected.
- D. Locate existing active utility lines and provide for their protection.

3.02 CLARIFICATION

Drawings do not indicate all objects existing on site. Before commencing work, verify with the District any existing items that may affect the work.

3.03 PROTECTION OF UTILITIES

- A. Preserve and maintain, in working condition, all active utilities traversing the site. Re-route or remove and cap those which interfere with work of this Project. Coordinate extent of this work with the District.
- B. Expeditiously repair damaged utilities at no cost to the District.

3.04 PROTECTION OF EXISTING PLANTS

Protect existing trees, not otherwise indicated to be removed, against unnecessary cutting, or breaking, skinning, and bruising of bark. Avoid smothering of trees with stockpile building materials or excavated materials within drip line.

3.05 DISPOSAL

- A. All debris resulting from demolition and removals shall become the property of the Contractor to dispose of or salvage. Debris shall not be allowed to accumulate on site unless the District specifies a site location and security requirement. The Contractor shall be responsible for its prompt removal from the site and disposal in a legal manner.
- B. Prevent debris from migrating outside of construction areas.
- C. Maintain safe pedestrian access, at all times, on all walkways adjacent to the fence removals.

END OF SECTION 02 41 10

SECTION 32 84 23 IRRIGATION SYSTEM

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes requirements for the installation of the Irrigation System.

1.02 RELATED SECTIONS

32 93 30 – Sod Lawn Planting

1.03 REQUIREMENTS OF REGULATORY AGENCIES

Secure all permits and licenses necessary for the work. Give all notices and comply with all laws, ordinances, rules and regulations concerning the installation of the sprinkler system as drawn and specified.

1.04 SITE CONDITIONS

- A. Prior to beginning any work, the Contractor and the District Inspector shall participate in a thorough irrigation system review of the project site. All remote control valves shall be turned on and observed in operation by both the Contractor and PVSD Representative. Any existing defects will be listed in detail identifying the specific valve station number and describing the exact broken or non-functioning irrigation component noted during the site review. At the conclusion of the irrigation review, the Contractor shall generate a summary of the items identified by both parties listing all remote control valves operated, identifying if the valve performed without any defects or specifically identifying any observed defects or non-functioning components, such as broken heads, clogged nozzles, non-operating valve solenoids, broken piping, or other noted defects. The completed summary of items noted shall be listed on a document called 'Existing Irrigation System Observations'. This document shall be signed by the Contractor and submitted to the PVSD Representative for a confirming signature. The mutually signed 'Existing Irrigation System Observations' document shall be sent to the attention of the Landscape Architect for inspection purposes at the conclusion of the construction work. If requested by the PVSD Representative, the Contractor shall provide a list of the existing defective irrigation components noted with a detailed written proposal to repair each item identified on the list. A copy of this proposal will be sent to the Landscape Architect. This additional work proposal must be reviewed and approved in writing by the PVSD and formally presented to the General Contractor before the Landscape Subcontractor can begin any additional repair work. The mutually signed 'Existing Irrigation System Observation' document shall be used as a guide to identify any collateral damage caused to the existing irrigation system as a result of new construction performed on site by the Contractors. Any damage caused to the existing irrigation system not specifically identified on the 'Existing Irrigation System Observation' document shall be repaired or replaced at the Contractor's expense. In the event that the Contractor does not participate or perform the existing irrigation site review, any

existing irrigation equipment or components damaged on the project site noted by the Landscape Architect during the final irrigation system review shall be repaired or replaced by the Contractor at their expense to the satisfaction of PVSD.

- B. Do not willfully install the sprinkler system as indicated on the drawing when it is obvious in the field that unknown obstructions or grade differences exist that might not have been considered in the engineering. Such obstructions or differences should be brought to the attention of the District Inspector.
- C. Before excavating for sprinkler lines, locate all underground utility lines so that the proper precautions may be taken to avoid damage to such utilities. In the event of a conflict between underground lines, promptly notify the District who will arrange for the relocation of one or the other. Failure to follow this procedure places the responsibility upon the Contractor for making any and all repairs for damage of any kind at his own expense.
- D. Provide necessary safeguards and exercise caution against injury or defacement of any existing site improvements. Contractor shall be responsible for any damage resulting from his operations and shall repair or replace such damage at his own expenses. No trucks or vehicles of any kind shall be allowed to pass over sidewalks, curbs, etc., unless adequate protection is provided.
- E. Existing Trees
 - 1. Exercise all possible care and precautions to avoid injury to tree roots, trunks and branches. All excavating within drip line of trees shall be done very carefully and by hand pick and shovel if it appears that large roots are within trenching zones.
 - 2. Alter alignment of pipe to avoid large tree roots, 2-inch and larger in diameter.
 - 3. Wrap exposed and bridging tree roots with several layers of burlap and keep moist. Close all trenches within drip lines, within 24 hours.
 - 4. All severed roots 1-inch and larger shall be hand pruned with sharp tools and painted with acceptable horticultural seal.

1.05 MATERIAL LIST

Submit to the District for acceptance, five (5) copies of all materials and equipment, including Manufacturer's names and catalog numbers, to be furnished and installed under this contract within 10 days after the award of the contract.

1.06 RECORD DRAWINGS

- A. Provide and record daily a complete record set of prints on bond which shall be corrected to show changes from the original drawings and specifications and the exact installed locations, sizes and kinds of equipment. Prints for this purpose may be obtained from the District. Keep this set of drawings on the site and use only as a record set.
- B. Use these drawings as work progress sheets. Make neat and legible annotations thereon as the work proceeds, showing the work as actually installed. Keep these

drawings available at all times for inspection and in a location designated by the District.

- C. Before the date of the final inspection, transfer all information from the record prints to a clean set of prints procured from the District. Make work neat, in ink and subject to review and acceptance of the District. District will scan final drawings into a permanent electronic record document.
- D. Dimension from two permanent points of reference such as building corners, sidewalks or road intersections, the location of:
 - 1. Connection to existing water lines.
 - 2. Connection to existing electrical power.
 - 3. Gate valves.
 - 4. Routing of sprinkler pressure lines and control wiring.
 - 5. Electric control valves.
 - 6. Quick coupling valves.
 - 7. Other related equipment as directed by District.

1.07 TESTS AND SITE OBSERVATIONS

- A. All tests shall be made in the presence of the District; at least forty-eight (48) hours' notice shall be given for tests.
- B. Record drawings must be current and shall be verified by the District at the time of all observations.
- C. Site observations for all items pertaining to the work of this Section shall be performed by the District.
- D. Specific site observations for valve assemblies, sprinkler coverage, control wires and splices and any other observations deemed necessary by the District shall be performed by the District.
- E. An open trench main line check for pipe quality and depths shall be performed by the District.
- F. Head Layout - using flag marker layout all new drip emitters, tree flood bubblers, spray heads and turf rotors in field prior to trenching. Review head layout with District and Landscape Architect and perform adjustments in field as directed prior to installing irrigation.
- G. Center load pipe with small amount of backfill to prevent arching and whipping under pressure. Leave joints exposed for observation during pressure test. No water shall be permitted in the pipe until the above has been accomplished and a period of at least 24 hours has elapsed for solvent weld setting and curing.

Main lines to be tested up to valve at 125 pounds pressure and there shall be no leaks. Furnish force pump and pressure gauge. Lateral lines of system to be tested at line pressure with risers capped. Tests to be for 2 hour period and verified by the District.

- H. Backfill quality and compaction of trenches shall be verified by the District. Do not backfill trenches until all tests have been completed and accepted.
- I. Perform a coverage test in the presence of the District to determine if the water coverage for planting areas is complete and adequate. Furnish materials and perform all work required to correct any inadequacies of coverage due to deviations from drawings, or where the system has been willfully installed as indicated on the drawings when it is obviously inadequate, without bringing this to the attention of the District.
- J. The coverage test shall be completed, and the irrigation system modified if necessary and accepted, prior to the start of the planting operations.
- K. The entire system shall be checked out thoroughly and completely by the Contractor, five (5) days prior to the final observation. All heads shall be properly aligned and adjusted for coverage and cleared of any foreign materials. All valves shall be properly adjusted. Sprinkler controller valve chart shall be checked for accuracy.
- L. At the end of the Maintenance Period, a final observation shall be made by the Contractor and District to check out the entire system.
- M. Final inspection prior to acceptance:
 - 1. Operate each system in its entirety for the District at time of final inspection. Rework any items deemed not acceptable to the District.
 - 2. Deliver to the District all accessories, charts, record drawings, and equipment as required before final inspection.

1.08 GUARANTEE

- A. The entire sprinkler system shall be guaranteed for a period of one (1) year from date of final acceptance.
- B. Should any portion of the irrigation system malfunction due to poor workmanship or defective materials, corrections shall be promptly made by the Contractor at his own expense.
- C. Any damage to paving, planting areas, or other developments due to the settlements of improperly compacted trench soil, shall also be promptly repaired at the Contractor's expense, to the satisfaction of the District.

PART 2 PRODUCTS

2.01 GENERAL

- A. Irrigation materials shall be in accordance with Subsection 212-2 in the SSPWC "Greenbook" and as specified herein.

- B. The irrigation products specified on the drawings in these specifications are selected to match existing products in use. Substitutions are permitted only when product name is followed by or equal.
- C. Use only new materials of brands and types as noted on the drawings and as specified.

2.02 MATERIALS

- A. PVC primer and solvents - as recommended by Manufacturer. Pacific Plastics, Lasco, or JW Eagle.
- B. Main Line Fittings - Schedule 80, PVC Type 1, Grade 1, Cell Classification 12454-B, side gated, Lasco Spears, or approved equal.
- C. Lateral non-pressure line fittings - Schedule 40, PVC Type 1, Grade 1, Cell Classification 12454-B, side gated, Lasco or approved equal.
- D. Nipples and Risers - PVC Schedule 80.
- E. Pipe, Main Line shall be PVC Schedule 40 for all sizes, solvent weld pipe in conformance with ASTM D-1785, D-1784.
- F. Pipe, Lateral Non-Pressure Lines shall be PVC Schedule 40 for all sizes, solvent weld pipe in conformance with ASTM D-1785, D-1784.
- G. Thread Sealant shall be smooth, non-hardening sealant, compatible with the pipe materials specified. Do not use Teflon tape.

PART 3 EXECUTION

3.01 GENERAL

Irrigation materials shall be in accordance with Subsection 308-5 in the SSPWC "Greenbook" and as specified herein.

3.02 WORKMANSHIP AND INSTALLATION

- A. Layout and Adjustments
 - 1. The drawings are diagrammatic to the extent that many offsets, special fittings and exact locations of the equipment are not shown. The locations of all valves, heads, lines, etc., shall be installed, however, as accurately as possible to the locations that are indicated on the drawings.
 - 2. The locations of main lines are indicated as bordering walks, curbs and fences shall be placed as close as possible. Locate lines within planting areas wherever possible.

3. All indicated locations of heads and equipment are placed with careful consideration to overlap, protection of the premises, lights, proposed tree locations and general layout. Coordinate installation of sprinkler irrigation materials, including pipe, so there is no interference with utilities, other construction, or difficulty in planting trees and shrubs. Layout sprinkler heads and make any minor adjustments required due to differences between site and drawings. Adjustments shall be accomplished, maintaining proper sprinkler head coverage and overlap of sprinkler throws.
- B. Connections
1. All connections shall be made into existing lines as indicated on the drawings.
 2. Field verify existing line types in the field.
- C. Cutting and Patching
1. When piping crosses concrete paving and asphalt paving, sawcutting is required. Cut AC paving and/or concrete with concrete sawcutting tools straight and in those locations approved by the District.
 2. Remove concrete and/or AC, base and soil to the required depth for mainlines.
 3. Concrete walks shall be backfilled entirely with compacted sand. Compact to 95% and patched with new concrete.
 4. AC paving shall be backfilled entirely with a 1-sac sand slurry mix. Compact to 95% and patch with new AC paving.
 5. Concrete paving shall be received medium broom finish.
 6. Remove from site any excavated soil.
- D. Trenching and Backfilling
1. Trench and excavate as necessary to install the system. Excavated material shall be neatly arranged so as to cause a minimum of inconvenience to pedestrian and vehicular traffic. No soil shall be placed on concrete paving without an adequate moisture proof membrane to protect paving.
 2. Trenches for all pipe shall be open vertical construction with firm level bottom and sufficiently wide to provide free working space around the work installed and to provide ample space for backfilling and tamping.
 3. Depth of trenches shall be sufficient to provide a minimum cover above the top of the pipe as follows:
 - a) Mains and control wires: 24-inches minimum cover.
 - b) PVC laterals: 12-inches minimum cover.
 4. When two (2) pipes are to be placed in the same trench, provide a minimum of 6-inch horizontal clearance. Place pipe side by side; do not install one pipe on top of another.
 5. After the installation is complete and the required tests and inspections have been made and approved, the excavations and trenches shall be backfilled with clean soil, free of rubbish, rocks, and pebbles larger than one-half inch.

- E. Plastic Pipe
 - 1. Do not install multiple assemblies on plastic lines. Provide each assembly with its own outlet.
 - 2. Install assemblies specified herein in accordance with respective detail. In absence of detail drawings or specifications pertaining to specific items required to complete work, perform such work in accordance with best standard practice.
 - 3. Clean PVC pipe and fittings before installation. For solvent weld pipe use installation and solvent welding methods as recommended by the pipe and fitting manufacturer. For gasketed pipe installation follow detailed assembly instructions furnished by the manufacturer.
 - 4. On PVC to metal connections, work the metal connections first. Use non-hardening sealant on all threaded joints. Screw hand tight and ½ turn by wrench. Where threaded PVC connections are required, use threaded PVC adapters into which the pipe may be welded.
 - 5. Pipe shall have a firm, uniform bearing, for the entire length of each pipe line, to prevent uneven settlement. Pipe shall be snaked from side to side of trench bottom to allow for expansion and contraction. One additional foot per 100 foot of pipe is the minimum allowance for snaking. Never lay PVC pipe when there is water in the trench or when the temperature is 32° F or below.
 - 6. Use 45° fittings at all changes in depth of pipe. Coupling to be of same materials and wall thickness as pipe.
- F. Sprinkler Controller
 - 1. Perform all wire connections within existing auto controller enclosure as per plans and manufacturer's specifications.
 - 2. Electrical wiring and work shall conform to the codes and ordinances of all governmental agencies having jurisdiction. Exposed conduits and fittings shall be of one type and finish. Running threads shall not be used.
- G. Sprinkler Heads
 - 1. Prior to installing heads, flush laterals and risers with full line pressure. Repeat whenever system is opened up for repairs or replacements. Start flushing operation at the highest point of delivery and work to the lowest.
 - 2. Align all part circle heads so that no spray shall hit building walls or concrete paving.
 - 3. Adjust all spray nozzles so that there will be no amount of overspray, and so that the entire set will be as evenly balanced as possible.
 - 4. Install with each lawn area sprinkler head, a "Triple Swing" joint with Schedule 80 PVC nipples and threaded elbows as per plans.

3.03 FIELD QUALITY CONTROL

- A. Adjustment to System
 - 1. Flush and adjust all sprinkler heads for optimum performance and to prevent overspray onto walk, roadways, and buildings wherever possible.
 - 2. Select the best degree of arc to fit existing site conditions.
 - 3. Set all sprinkler heads perpendicular to finished grades unless other designated on the drawings.

3.04 TESTING AND INSPECTION

- A. Do not allow or cause any work of this section to be covered up or enclosed until it has been inspected, tested, and approved by the District. Before backfilling the main line, and with all control valves in place, but before lateral pipes are connected, completely flush and test the mainline, and repair all leaks. Flush out each section of lateral pipe before emitters are attached.
- B. Make all necessary provisions for thoroughly bleeding the line of air and debris. Before testing, fill the line with water for a period of at least 24 hours.

3.05 FINAL INSPECTION

Thoroughly clean, adjust and balance all systems. Demonstrate the entire system to the District proving that all remote-control valves are properly balanced, that all emitters are properly flowing and that the entire system is installed and is workable, clean, and efficient.

END OF SECTION 32 84 23

**SECTION 32 93 30
SOD LAWN PLANTING**

PART 1 GENERAL

1.01 SECTION INCLUDES

This section includes requirements for the installation of the plant material.

1.02 SUBMITTALS

Furnish material invoices indicating the quantities of fertilizers, soil amendments, and all materials delivered to the job site. Material invoices must be approved by the Landscape Architect prior to incorporating soil amendments. Certificates shall be prepared by the supplier or distributor and shall indicate the quantities and qualities of materials used.

1.03 PROTECTION

- A. Contractor shall check or locate existing structures, electric cables or conduits, utility lines and other existing features or conditions above or below ground level that might be damaged as a result of the operation. Questions or conflicts arising out of such examination prior to or during operation shall be immediately directed to the attention of the District for necessary action or decisions before resuming operation. Contractor shall be responsible for repair or replacement at no cost to the District for features or conditions damaged through failure to comply with the above procedures.
- B. Protect existing trees and tree roots from any damage that may be caused as a result of any planting or irrigation operations.

1.04 ALTERNATES

Alternates will not be permitted, except where indicated, and as approved by the Landscape Architect.

1.05 LANDSCAPE ON-SITE OBSERVATIONS

- A. The Contractor shall notify the district and the Landscape Architect forty-eight (48) hours in advance for all required On-Site Observations. The final On-Site Observation shall require seven (7) days advance notice.
- B. The Contractor shall submit for approval a complete work schedule indicating tentative dates for On-Site Observations.
- C. Record drawings shall be current and present at the time of On-Site Observations and shall be updated on a weekly basis.

- D. Landscape On-Site Observations shall be required for the following phases of Work:
1. Job start meeting.
 2. Finish grading – when all fine grading work is complete, notify the Landscape Architect or District for approval prior to proceeding with the planting.
 3. Soil Preparation – furnish certificates for soil amendments at this time. Quantities must be reviewed by the Landscape Architect or District prior to incorporating into soil. When all soil preparation work is complete notify the Landscape Architect or District for approval prior to proceeding with the work.
 4. Irrigation System Review – see Irrigation Section.
 5. Review planting during the planting process.
 6. Review planting after installation for District approval.
 7. Maintenance – there is no maintenance period required for this project.

PART 2 PRODUCTS

2.01 MATERIALS – LANDSCAPE

- A. Soil Amendments: Organic soil amendment shall be Agromin “Agromend,” or equal.
- B. Backfill Material shall be:
1. 1/3 organic soil amendment
 2. 2/3 existing site soil.
 3. Commercial Fertilizer (15-15-15), 1 lb./cu. yd.
 4. Iron, Zinc, Manganese, 1 oz. /cu. yd.
- C. Soil preparation materials for sod lawn planting areas shall per 1,000 square feet:
1. Three cubic yards of organic soil amendment
 2. Commercial Fertilizer (15-15-15), eight pounds
- D. Lawn shall be sod, Marathon II as grown by Southland Sod Farms.

PART 3 EXECUTION

3.01 SITE CONDITION

No plant materials shall be planted until all operations in conjunction with the installation of the irrigation system have been approved by the District and the Landscape Architect. Final grades shall be established, and the planting areas shall be properly prepared and graded.

3.02 LAWN AREAS – NEW SOD

- A. The existing lawn area shall be scrapped off and removed leaving only subgrade. This subgrade shall be graded for positive drainage to the existing drain grades. After the grading is approved by the District Inspector soil preparation materials shall be thoroughly and evenly incorporated into the top six inches of the soil then the entire area shall be fine graded to receive the new sod lawn.
- B. Stones or rocks over 1" in size, construction refuse, and other deleterious material shall be removed from the site, safely and legally disposed of.
- C. After soil prep and fine grading is complete roll lawn areas with a water ballast roller to create even surface. Soil should be moist to a depth of six inches.
- D. To lay sod, select a starting point parallel to the longest straight boundary of the area. Stagger the strips and avoid overlapping edges. Avoid cutting the sod in short narrow strips. Butt edges and ends of sod so that they fit tightly, with no overlapping. Avoid standing or kneeling on sod while it is being laid. After sod is installed, roll lightly to squeeze out air pockets.
- E. Follow all recommended sod planting procedures provided by sod grower, Southland Farms.

END OF SECTION 32 93 30

**SECTION 32 94 60
LANDSCAPE MAINTENANCE**

PART 1 GENERAL

1.01 MAINTENANCE PERIOD

There is no extended landscape maintenance period with this project. Once the PVSD Inspectors have accepted the irrigation and planting work as complete, the Contractor shall be released from the landscape scope of work.

END OF SECTION 32 94 60

PAVEMENT REHABILITATION PROJECT

DOS CAMINOS ELEMENTARY SCHOOL

3635 APPIAN WAY

CAMARILLO, CA 93010

GENERAL NOTES

- AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE REGIONAL NOTIFICATION CENTER (UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA - U.S.A. AT 811) TO OBTAIN AN INQUIRY IDENTIFICATION NUMBER AND TO REQUEST THE UTILITY OWNERS TO MARK OR OTHERWISE INDICATE THE LOCATION OF THEIR SUBSURFACE FACILITIES. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND DEPTH OF ALL UTILITIES, INCLUDING ALL SERVICE CONNECTIONS, WHICH HAVE BEEN MARKED BY THE RESPECTIVE OWNERS WHICH MAY AFFECT OR BE AFFECTED BY ITS OPERATIONS. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PROTECT ALL UTILITIES AND ALL STRUCTURES FOUND AT THE SITE.
- THROUGHOUT ALL PHASES OF CONSTRUCTION, INCLUDING SUSPENSION OF WORK, UNTIL FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL KEEP THE WORK SITE CLEAN AND FREE FROM RUBBISH AND DEBRIS. THE CONTRACTOR SHALL ALSO ABATE DUST NUISANCE BY CLEANING, SWEEPING AND SPRINKLING WITH WATER AND USING DUST FENCES OR OTHER METHODS AS DIRECTED BY THE DISTRICT REPRESENTATIVE THROUGHOUT THE CONSTRUCTION OPERATION.
- THE CONTRACTOR SHALL KEEP A STRICT RECORD OF ALL CHANGES AND SUBMIT THIS RECORD TO THE DISTRICT REPRESENTATIVE. "AS-BUILT" PLANS SHALL BE PROVIDED TO THE DISTRICT.
- ALL DAMAGE CAUSED TO PUBLIC STREETS, INCLUDING HAUL ROUTES, ALLEYS, SIDEWALKS, CURBS OR STREET FURNISHINGS, OR TO PRIVATE PROPERTY SHALL BE REPAIRED AT THE SOLE EXPENSE OF THE CONTRACTOR TO THE DISTRICT REPRESENTATIVE'S SATISFACTION.
- THE CONTRACTOR SHALL REMOVE AND REPLACE ANY EXISTING BROKEN OR DAMAGED SIDEWALK, CURB, AND GUTTER AS DIRECTED BY THE DISTRICT REPRESENTATIVE.
- SAWCUTTING OF EXISTING PAVEMENT SHALL BE TO A CLEAN STRAIGHT EDGE AS DIRECTED BY THE DISTRICT REPRESENTATIVE.
- ALL UNDERGROUND UTILITIES SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF CURBS, GUTTERS, SIDEWALKS AND PAVEMENTS.
- WHERE JOINING THE EXISTING PAVEMENT, SAWCUT TO SOUND PAVEMENT AND OVERLAY AS REQUIRED TO PROVIDE PROPER GRADE AND 2% CROSS-SLOPE. ANY UNSOUND PAVEMENT SHALL BE REPLACED.
- ALL MANHOLE RIMS, LIDS, VALVE BOXES AND OTHER APPURTENANCES SHALL BE SET TO FINISH GRADE BY THE CONTRACTOR AS PART OF THIS PROJECT.
- A PRECONSTRUCTION CONFERENCE OF ALL INTERESTED PARTIES SHALL BE HELD PRIOR TO ANY CONSTRUCTION OR GRADING TO ANSWER ANY QUESTIONS OR TO CLARIFY ANY PORTION OF THESE GRADING PLANS.
- ALL RECOMMENDATIONS MADE BY THE SOILS ENGINEER CONTAINED IN THE REPORT BY GEOTECHNIQUES, DATED JANUARY 28, 2022, (INCLUDING ANY ADDENDA) SHALL BE A PART OF THIS GRADING PLAN.
- ALL DELETERIOUS MATERIAL, SUCH AS LUMBER, LOGS, BRUSH, OR ANY OTHER ORGANIC MATERIALS OR RUBBISH, SHALL BE REMOVED FROM ALL AREAS TO RECEIVE COMPACTED FILL.
- UNSUITABLE MATERIAL, SUCH AS TOP SOIL, WEATHERED BED ROCK, ETC., SHALL BE REMOVED AS REQUIRED BY THE SOILS ENGINEER FROM ALL AREAS TO RECEIVE COMPACTED FILL OR DRAINAGE STRUCTURES.
- ALL AREAS TO RECEIVE COMPACTED FILL SHALL BE INSPECTED AND APPROVED BY THE SOILS ENGINEER AFTER REMOVAL OF UNSUITABLE MATERIAL AND EXCAVATION OF KEYWAYS AND BENCHES, AND PRIOR TO PLACEMENT OF SUBSURFACE DRAINAGE SYSTEMS OR ANY FILL.
- ALL SOIL OR ROCK MATERIALS DEEMED UNSUITABLE FOR PLACEMENT IN COMPACTED FILL SHALL BE REMOVED FROM THE SITE. ANY MATERIAL SUCH AS CONCRETE OR IMPORTED MATERIALS SHALL BE APPROVED BY THE SOILS ENGINEER PRIOR TO USE IN COMPACTED FILL.

SURVEY NOTES

1. MAPPING

TOPOGRAPHIC MAPPING WAS COMPILED AT A SCALE OF 1"=20', WITH A 1 FOOT CONTOUR INTERVAL FROM DATA COLLECTED IN A FIELD SURVEY PERFORMED USING CONVENTIONAL EQUIPMENT AND PROCEDURES ON AUGUST 13, 2024, AT THE REQUEST OF PLEASANT VALLEY SCHOOL DISTRICT.

2. BASIS OF BEARINGS AND COORDINATES

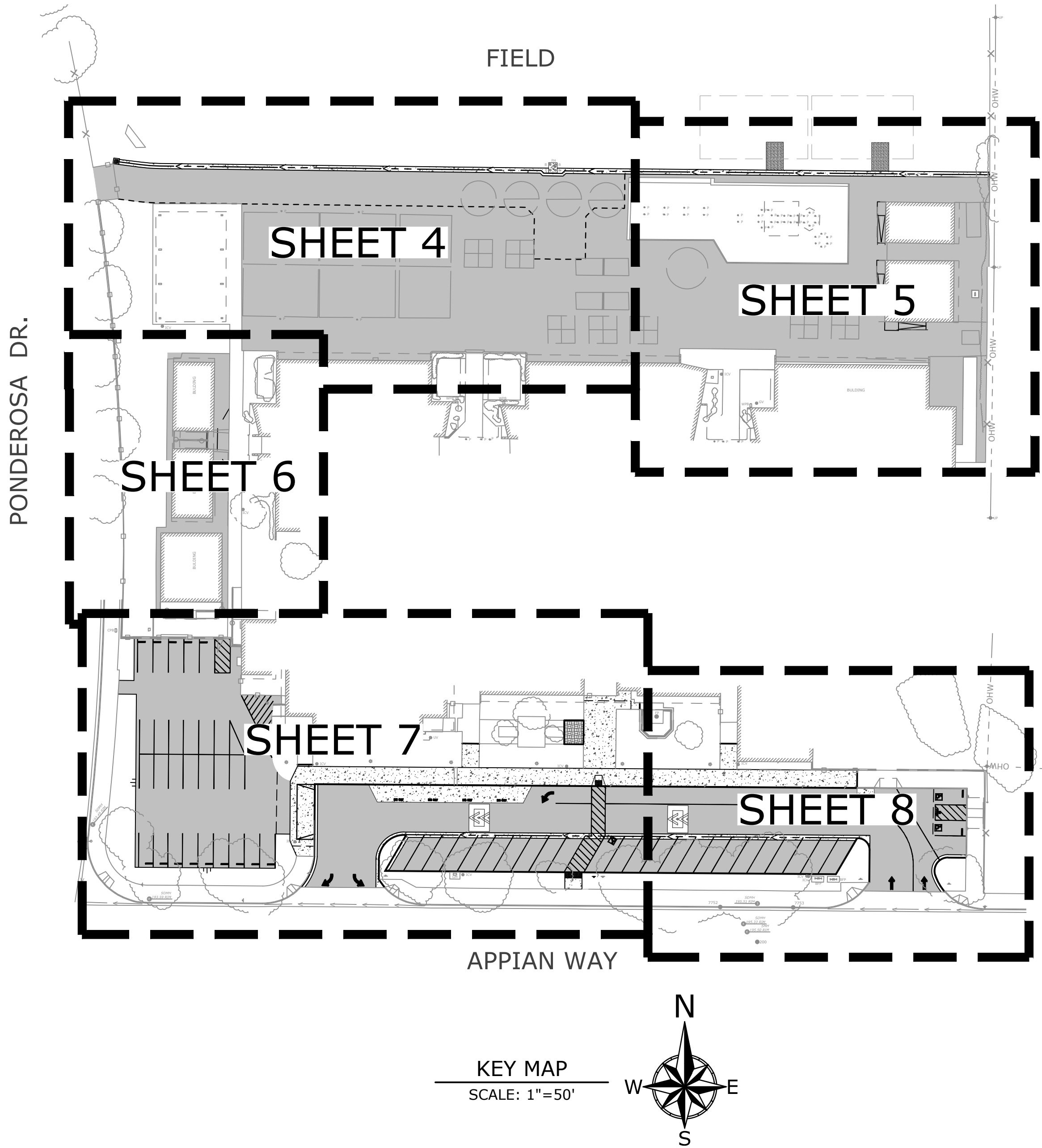
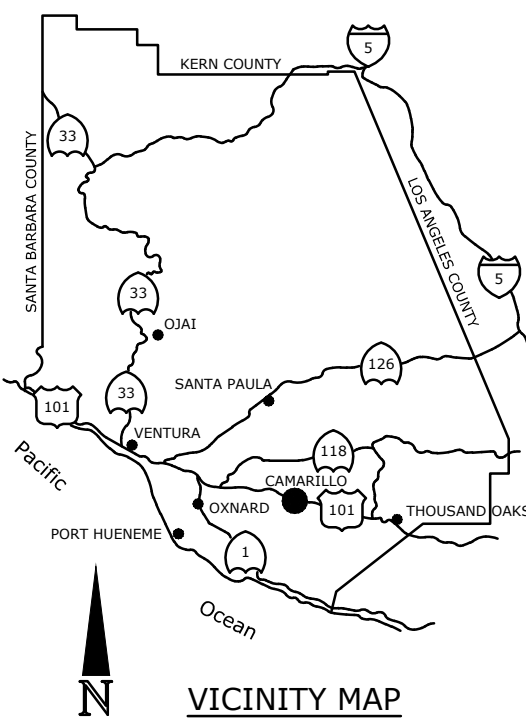
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM NAD83, ZONE 5, EPOCH 2017.50 AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS (CGPS) AND/OR CONTINUOUS OPERATING REFERENCE STATIONS (CORS) P729 & S0MT BEING NORTH 25-27-55 EAST AS DERIVED FROM GEODETIC VALUES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC).

3. ELEVATIONS

THE VERTICAL DATUM OF THIS SURVEY IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), PER GPS TIES & GEOID MODELING (GEOID18) TO CGPS STATION P729. ELLIPSOID HEIGHTS ARE CONSTRAINED PER CSRC. NO COUNTY BENCHMARKS WERE MEASURED IN THIS SURVEY.

4. UTILITIES

SURFACE UTILITY FEATURES SHOWN HEREON WERE LOCATED AS A PART OF THE FIELD SURVEY PERFORMED BY ECG BASED ON VISIBILITY ON THE DATE OF SURVEY. NO RESEARCH OR MAPPING OF SUBSURFACE UTILITIES HAS BEEN PERFORMED.

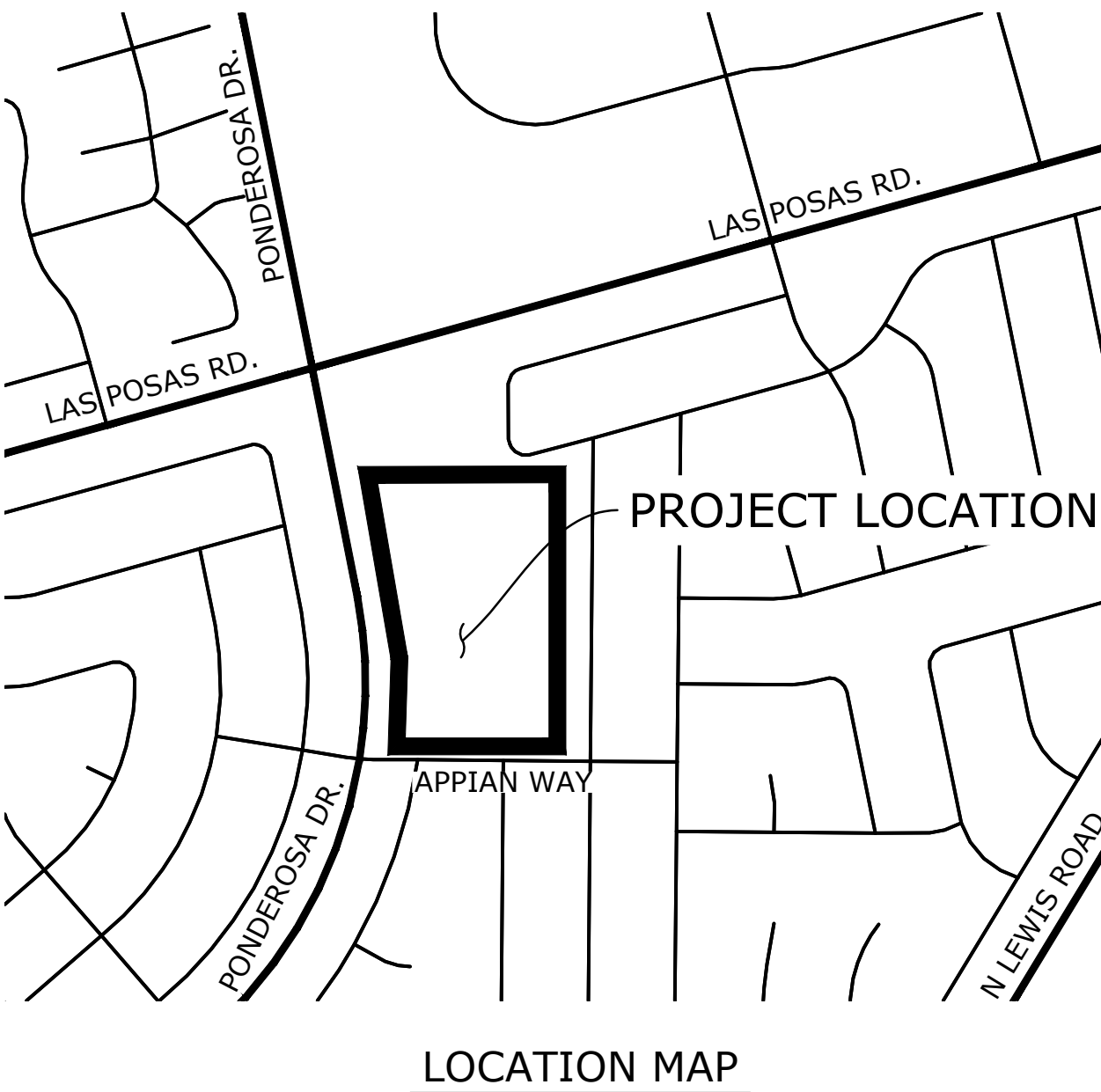


SHEET INDEX

SHEET NO.	DESCRIPTION
01	TITLE SHEET
02	DEMOLITION PLAN
03	DEMOLITION PLAN
04	GRADING PLAN
05	GRADING PLAN
06	GRADING PLAN
07	GRADING PLAN
08	GRADING PLAN
09	DETAIL SHEET
10	DETAIL SHEET

EXISTING UTILITY NOTES

- THE GENERAL CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AND NOTIFY APPROPRIATE UTILITY AGENCIES TO VERIFY AND LOCATE ALL EXISTING UNDERGROUND UTILITIES BEFORE COMMENCING ANY EXCAVATION.
- THE GENERAL CONTRACTOR SHALL POTHOLE TO LOCATE AND VERIFY ALL EXISTING UTILITIES, POINT OF CONNECTIONS, AND CROSSINGS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE DISTRICT REPRESENTATIVE.
- THE LOCATIONS OF EXISTING AND NEW UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY; ALL UTILITIES MAY NOT BE SHOWN.
- SOME IRRIGATION PIPING AND ELECTRICAL CONDUIT LOCATIONS AND SIZES ARE UNKNOWN AND NOT IDENTIFIED HEREON.
- SUBSURFACE UTILITIES SHOWN HEREON HAVE BEEN COMPILED FROM RECORD INFORMATION GATHERED FROM VARIOUS SOURCES. THE SUBSURFACE INFORMATION, INCLUDING LOCATION, SIZES, AND CAPACITIES IS AN ESTIMATION BASED ON AVAILABLE DATA AND MAY NOT REPRESENT ACTUAL FIELD CONDITIONS. ENCOMPASS CONSULTANT GROUP DOES NOT WARRANT THE ACCURACY OF COMPLETENESS OF SAID RECORD INFORMATION.
- THE CONTRACTOR, BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO, UNDERSTANDS THAT THEY AGREE TO ASSUME LIABILITY, AND AGREE TO HOLD THE UNDERSIGNED HARMLESS FOR ANY LIABILITY FOR DAMAGE RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED ON THE RECORDS PROVIDED, LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK.
- THE CONTRACTOR SHALL MAINTAIN EXISTING UTILITY SERVICES TO BUILDINGS OR OTHER STRUCTURES INTENDED TO REMAIN IN OPERATIONAL SERVICE DURING THE COURSE OF CONSTRUCTION.



ABBREVIATIONS

PER SSPWC SECTION 1-3 AND SPPWC STANDARD PLAN 100-1 UNLESS OTHERWISE NOTED HEREON

A.C.	ASPHALT CONCRETE
ADA	AMERICANS WITH DISABILITIES ACT
ARCH.	ARCHITECT
BC	BEGIN CURVE
BCR	BEGIN CURB RETURN
BDY	BOUNDARY
BEG	BEGIN
BFP	BACKFLOW PREVENTER
BLDG	BUILDING
BOT	BOTTOM OF PIPE
BVC	BEGIN VERTICAL CURVE
BW	BOTTOM OF WALL
B/W	BETWEEN
CB	CATCH BASIN
CF	CURB FACE
CFS	CUBIC FEET PER SECOND
C.L. or CL	CENTERLINE
CL	CLASS
CLF	CHAIN LINK FENCE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
DBL	DOUBLE
D1	DROP INLET
DIA	DIAMETER
DWG	DRAWING
EBAA	EBAA IRON, INC.
EC	END CURVE
ECR	END CURB RETURN
ELEC	ELECTRIC
ELEV	ELEVATION
E'LY	EASTERLY
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EVC	END VERTICAL CURVE
FF	FINISH FLOOR
FG	FINISH GRADE
FL	FLOWLINE
FS	FINISH SURFACE
FTT/S	FEET PER SECOND
FUT	FUTURE
GB	GRADE BREAK
GM	GAS METER
GV	GAS VALVE
HCL	HYDRAULIC GRADE LINE
HP	HIGH POINT
HW	HEADWALL
ICV	IRRIGATION CONTROL VALVE
INV	INVERT
IRR	IRRIGATION
LAT	LATERAL
LF	LINEAR FEET
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MH	MANHOLE
MOC	MIDDLE OF CURVE
N'LY	NORTHERLY
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O.C.	ON CURB OR ON CURVE
O/C	ON CENTER
OHW	OVERHEAD WIRE
PB	PULL BOX
P.C.C.	PORTLAND CEMENT CONCRETE PCC
	POINT OF COMPOUND CURVATURE
P.E.	POLYETHYLENE
PL	PROPERTY LINE
PMB	PROCESSED MISC. BASE
PRC	POINT OF REVERSE CURVATURE
PT	POINT
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
RCP	REINFORCED CONCRETE PIPE
RET	RETAINING
R.O.W.	RIGHT OF WAY
RT	RIGHT
RW	RECYCLED WATER
R/W	RIGHT OF WAY
SCE	SOUTHERN CALIFORNIA EDISON
SCO	SEWER CLEAN OUT
SD or S.D.	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SDR	STANDARD DIMENSION RATIO
SHT	SHEET
S'LY	SOUTHERLY
SMH	SEWER MANHOLE
SPPWC	STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION
SS	SANITARY SEWER
SSPWC	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
STD	STANDARD
STRU	STRUCTURE
SW	SIDEWALK
TC	TOP OF CURB
TEL	TELEPHONE
TG	TOP OF GRATE
TI	TRAFFIC INDEX
TMH	TELEPHONE MANHOLE
TOE	TOE OF SLOPE
TOP	TOP OF SLOPE OR PIPE
TRANS	TRANSITION
TW	TOP OF WALL
TYP	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VAR	VARIABLE
VLV	VALVE
W'LY	WESTERLY
WM	WATER METER
WSEL	WATER SURFACE ELEVATION
WV	WATER VALVE
YR	YEAR

REVISIONS			
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A	03/11/25	PLAYGROUND AC PAVEMENT SECTION, IRRIGATION PLAN	
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			DATE
			DATE

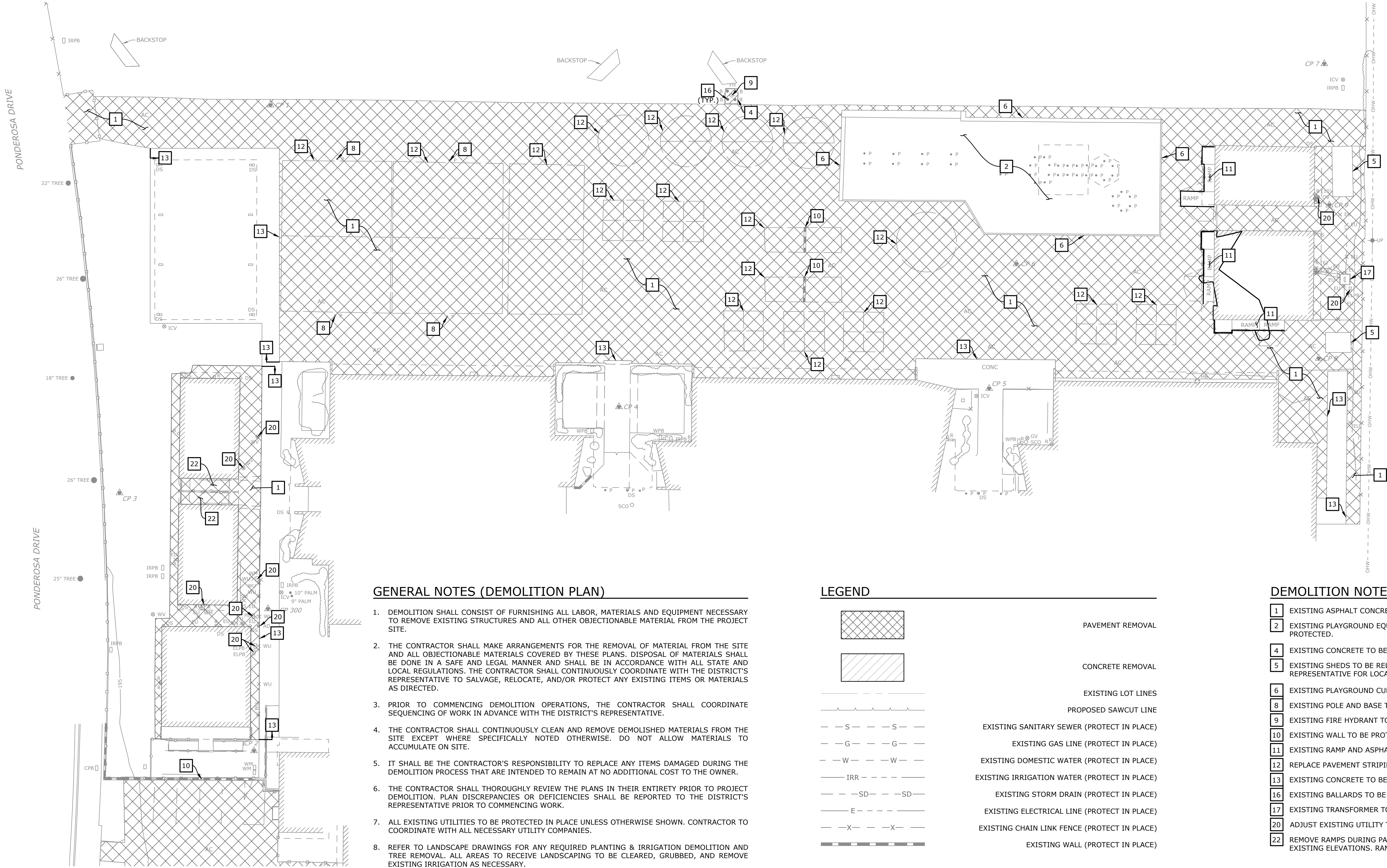


TRISTAN J. SANTOS DATE: 02/28/2025
PROJECT ENGINEER
R.C.E. 71473

DOS CAMINOS ELEMENTARY SCHOOL
TITLE SHEET
3635 APPIAN WAY, CAMARILLO, CA 93010

SCALE: HORIZ. 1" = 10'	VERT. _____
WORK ORDER 1002	SHEET NO. 1 OF 10
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CHECKED BY: TJS	

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CAUTION: UNDERGROUND STRUCTURES

ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE DISTRICT OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR, BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO, UNDERSTANDS THAT THEY AGREE TO ASSUME LIABILITY, AND AGREE TO HOLD THE UNDERSIGNED HARMLESS FOR ANY LIABILITY FOR DAMAGE RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, OR LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK.

GENERAL NOTES (DEMOLITION PLAN)

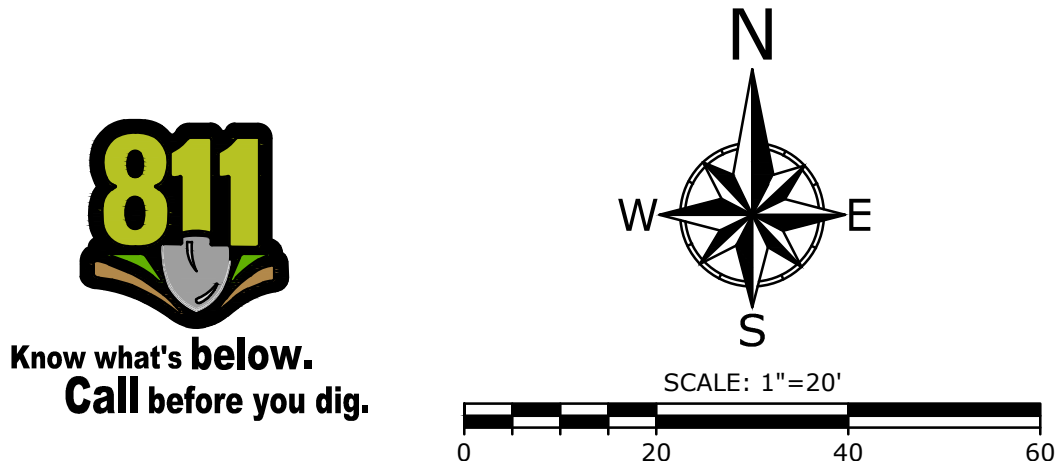
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- REFER TO LANDSCAPE DRAWINGS FOR ANY REQUIRED PLANTING & IRRIGATION DEMOLITION AND TREE REMOVAL. ALL AREAS TO RECEIVE LANDSCAPING TO BE CLEARED, GRUBBED, AND REMOVE EXISTING IRRIGATION AS NECESSARY.
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LEGEND

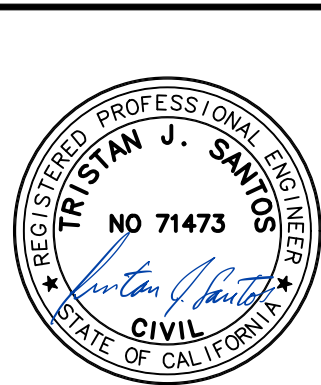
	PAVEMENT REMOVAL
	CONCRETE REMOVAL
	EXISTING LOT LINES
	PROPOSED SAWCUT LINE
	EXISTING SANITARY SEWER (PROTECT IN PLACE)
	EXISTING GAS LINE (PROTECT IN PLACE)
	EXISTING DOMESTIC WATER (PROTECT IN PLACE)
	EXISTING IRRIGATION WATER (PROTECT IN PLACE)
	EXISTING STORM DRAIN (PROTECT IN PLACE)
	EXISTING ELECTRICAL LINE (PROTECT IN PLACE)
	EXISTING CHAIN LINK FENCE (PROTECT IN PLACE)
	EXISTING WALL (PROTECT IN PLACE)

DEMOLITION NOTES

- EXISTING ASPHALT CONCRETE TO BE REMOVED.
- EXISTING PLAYGROUND EQUIPMENT AND PLAY STRUCTURE TO BE PROTECTED.
- EXISTING CONCRETE TO BE REMOVED.
- EXISTING SHEDS TO BE RELOCATED. COORDINATE WITH DISTRICT REPRESENTATIVE FOR LOCATION.
- EXISTING PLAYGROUND CURB TO BE PROTECTED IN PLACE.
- EXISTING POLE AND BASE TO BE PROTECTED IN PLACE.
- EXISTING FIRE HYDRANT TO BE PROTECTED IN PLACE.
- EXISTING WALL TO BE PROTECTED IN PLACE.
- EXISTING RAMP AND ASPHALT LANDING TO BE REMOVED.
- REPLACE PAVEMENT STRIPING IN KIND.
- EXISTING CONCRETE TO BE PROTECTED IN PLACE.
- EXISTING BALLARDS TO BE PROTECTED IN PLACE.
- EXISTING TRANSFORMER TO BE PROTECTED.
- ADJUST EXISTING UTILITY TO FINISH SURFACE.
- REMOVE RAMPS DURING PAVING OPERATIONS AND REINSTALL TO EXISTING ELEVATIONS. RAMP SLOPE SHALL NOT EXCEED 8.3%



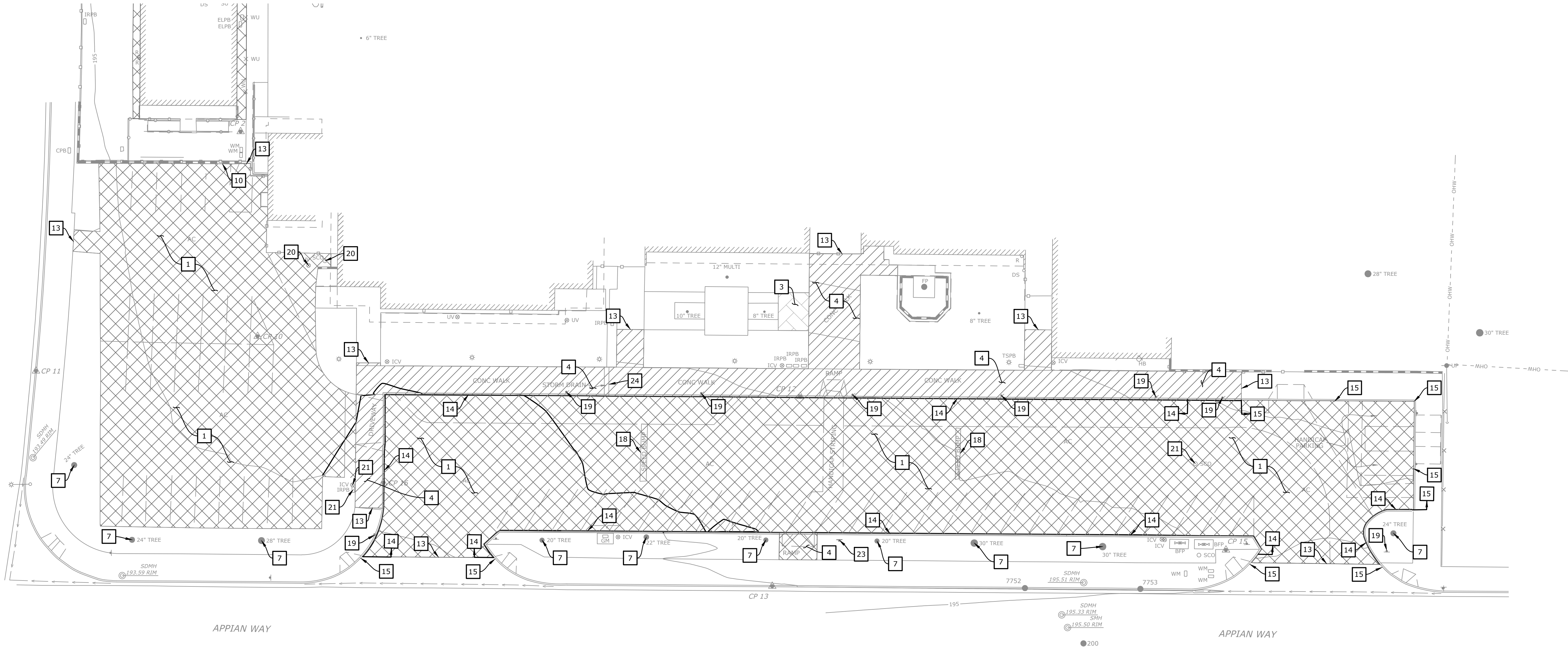
REVISIONS			
MARK	DATE	DESCRIPTION	BY
A	03/11/25	PLAYGROUND AC PAVEMENT SECTION, IRRIGATION PLAN	
REVIEWED BY:		DATE	
		DATE	



ECG
Encompass Consultant Group
333 N. LANTANA ST, SUITE 287, CAMARILLO, CA 93010
PHONE: 805.322.4443 WEBSITE: WWW.ECGCIVIL.COM

TRISTAN J. SANTOS DATE: 02/28/2025
PROJECT ENGINEER
R.C.E. 71473

DOS CAMINOS ELEMENTARY SCHOOL DEMOLITION PLAN			
SCALE: HORIZ. 1" = 10'		VERT. _____	
WORK ORDER	1002	SHEET NO. <u>2</u> OF <u>10</u>	
DRAWN BY:	MEM		
CHECKED BY:	TJS		



GENERAL NOTES (DEMOLITION PLAN)

- DEMOLITION SHALL CONSIST OF FURNISHING ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO REMOVE EXISTING STRUCTURES AND ALL OTHER OBJECTIONABLE MATERIAL FROM THE PROJECT SITE.
- THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE REMOVAL OF MATERIAL FROM THE SITE AND ALL OBJECTIONABLE MATERIALS COVERED BY THESE PLANS. DISPOSAL OF MATERIALS SHALL BE DONE IN A SAFE AND LEGAL MANNER AND SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS. THE CONTRACTOR SHALL CONTINUOUSLY COORDINATE WITH THE DISTRICT'S REPRESENTATIVE TO SALVAGE, RELOCATE, AND/OR PROTECT ANY EXISTING ITEMS OR MATERIALS AS DIRECTED.
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- UNLESS OTHERWISE NOTED ON DRAWINGS, ALL EXISTING WIRING, CONDUITS, JUNCTION BOXES AND OTHER ELECTRICAL DEVICES IN AREAS WHERE NEW WORK OCCURS SHALL BE REMOVED, EXCEPT WHEN SUCH DEVICES ARE REQUIRED TO MAINTAIN SERVICES TO OTHER AREAS, OR OTHERWISE NOTED. IN SUCH CASES, CONTRACTOR SHALL RELOCATE THESE DEVICES PER INSTRUCTIONS BY DISTRICT'S REPRESENTATIVE.

LEGEND

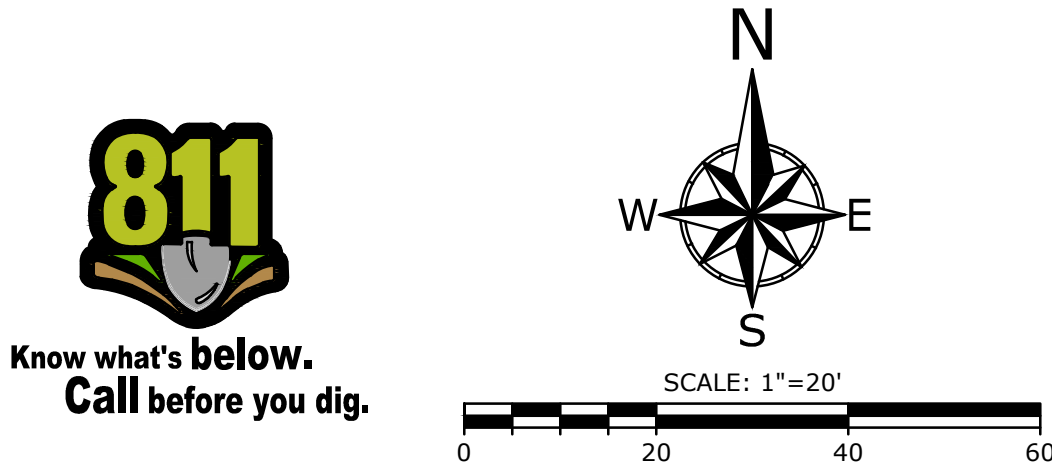
	PAVEMENT REMOVAL
	PAVER REMOVAL
	CONCRETE REMOVAL
	EXISTING LOT LINES
	PROPOSED SAWCUT LINE
	EXISTING SANITARY SEWER (PROTECT IN PLACE)
	EXISTING GAS LINE (PROTECT IN PLACE)
	EXISTING DOMESTIC WATER (PROTECT IN PLACE)
	EXISTING IRRIGATION WATER (PROTECT IN PLACE)
	EXISTING STORM DRAIN (PROTECT IN PLACE)
	EXISTING ELECTRICAL LINE (PROTECT IN PLACE)
	EXISTING CHAIN LINK FENCE (PROTECT IN PLACE)
	EXISTING WALL (PROTECT IN PLACE)

DEMOLITION NOTES

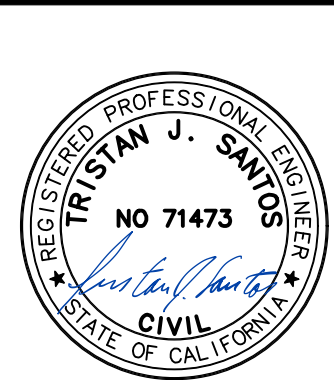
- EXISTING ASPHALT CONCRETE TO BE REMOVED.
- REMOVE AND REPLACE PAVER IN KIND. SEE GRADING PLAN FOR REVISED ELEVATIONS.
- EXISTING CONCRETE TO BE REMOVED.
- EXISTING TREE TO BE PROTECTED IN PLACE.
- EXISTING WALL TO BE PROTECTED IN PLACE.
- EXISTING CONCRETE TO BE PROTECTED IN PLACE.
- EXISTING CURB TO BE REMOVED.
- EXISTING CURB TO BE PROTECTED IN PLACE.
- EXISTING SPEED BUMPS TO BE REMOVED.
- EXISTING SIGNAGE AND POST TO BE PROTECTED IN PLACE.
- ADJUST EXISTING UTILITY TO FINISH SURFACE.
- REPOSITION 2" MAINLINE WIRES AND CAP. COVER WITH A NEW VALVE BOX. REPLACE THE 1" QUICK COUPLER WITH LIKE IN KIND IN A SEPARATE TRAFFIC RATED VALVE BOX AND COVER. ADJUST TO FINISH SURFACE.
- EXISTING SIGNAGE AND POST TO BE REMOVED AND REPLACED IN KIND. REFER TO GRADING PLANS FOR NEW LOCATION.
- EXISTING PARKWAY DRAIN TO BE REMOVED. ADJACENT STORM DRAIN LINE TO BE ADJUSTED PER GRADING PLAN.

CAUTION: UNDERGROUND STRUCTURES

ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE DISTRICT OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR, BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO, UNDERSTANDS THAT THEY AGREE TO ASSUME LIABILITY, AND AGREE TO HOLD THE UNDERSIGNED HARMLESS FOR ANY LIABILITY FOR DAMAGE RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, OR LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING TO WORK.



REVISIONS			
MARK	DATE	DESCRIPTION	BY
A	03/11/25	PLAYGROUND AC PAVEMENT SECTION, IRRIGATION PLAN	
REVIEWED BY:			
			DATE
			DATE

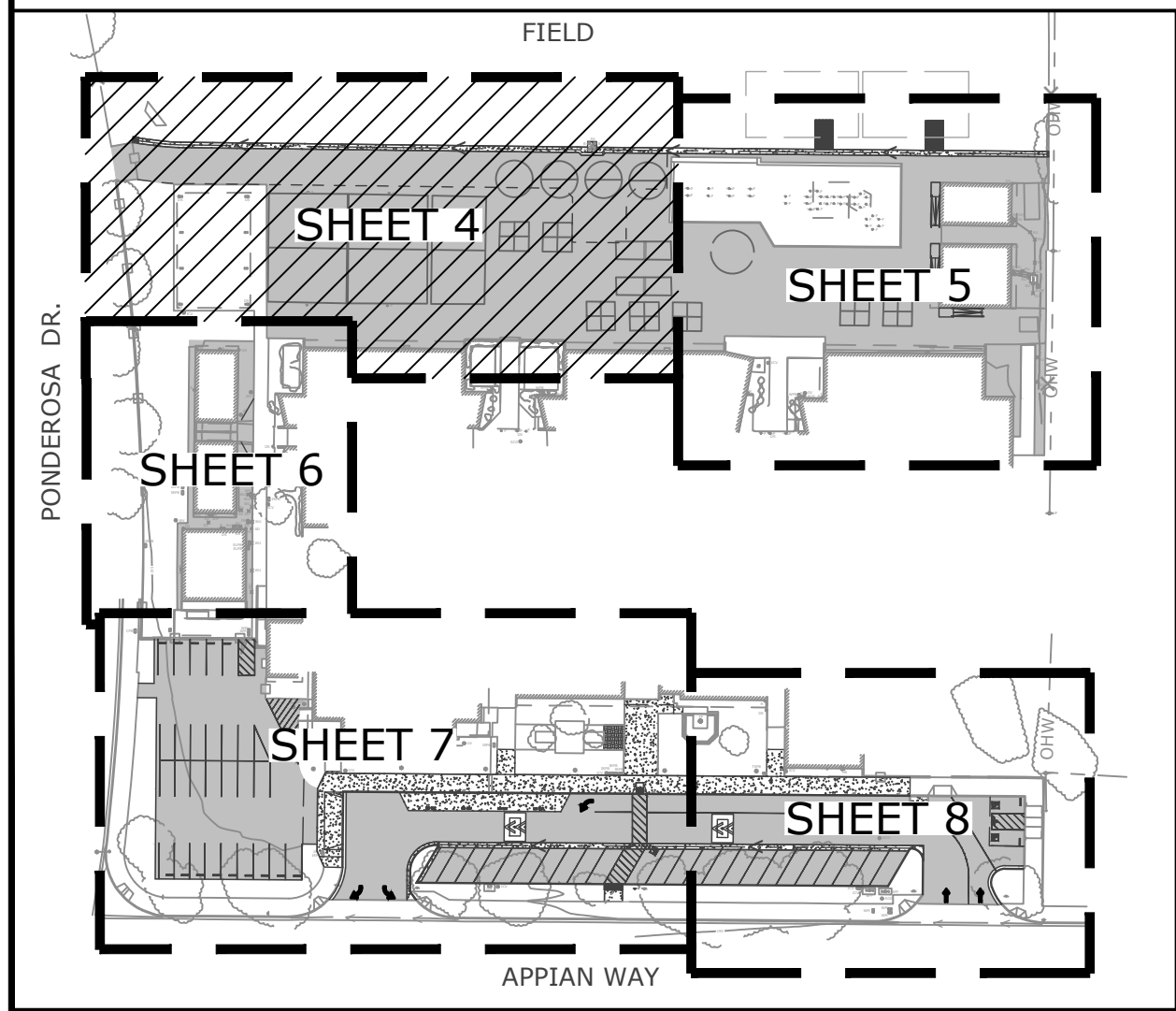


ECG
Encompass Consultant Group
333 N. LANTANA ST, SUITE 287, CAMARILLO, CA 93010
PHONE: 805.322.4443 WEBSITE: WWW.ECGCIVIL.COM

TRISTAN J. SANTOS DATE: 02/28/2025
PROJECT ENGINEER
R.C.E. 71473

DOS CAMINOS ELEMENTARY SCHOOL DEMOLITION PLAN			
SCALE: HORIZ. 1" = 10'		VERT. _____	
WORK ORDER	1002	SHEET NO. <u>3</u> OF <u>10</u>	
DRAWN BY:	MEM		
CHECKED BY:	TJS		

DRAWING: n:\projects\1002\engineering\acad\improvements\1002_gd_dwg



LEGEND

	ASPHALT CONCRETE PAVEMENT
	CONCRETE PAVEMENT
	FLOW LINE
	DAYLIGHT LINE
	GRADE BREAK
	EXISTING CHAIN LINK FENCE (PROTECT IN PLACE)
	EXISTING WALL (PROTECT IN PLACE)
	EXISTING DOMESTIC WATER (PROTECT IN PLACE)
	EXISTING IRRIGATION WATER (PROTECT IN PLACE)
	EXISTING STORM DRAIN (PROTECT IN PLACE)
	EXISTING ELECTRICAL LINE (PROTECT IN PLACE)

GENERAL GRADING AND PAVING NOTES

- REMOVE EXISTING ASPHALT CONCRETE PAVEMENT WITHIN MARKED AREA. SAW CUT WITH CLEAN STRAIGHT EDGES. KEY CUT ASPHALT CONCRETE EDGES TO A DEPTH OF 1 1/2 TO 2 INCHES AND WIDTH OF 18 INCHES INTO ADJACENT ASPHALT CONCRETE PAVEMENT. COMPACT UPPER 8 INCHES BELOW PAVEMENT SECTION SUBGRADE TO A DISTANCE OF 1 FOOT BEYOND PERIMETER WHERE ALLOWABLE TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY.
- SUBGRADE AND COMPACTED AGGREGATE BASE COURSE SHALL BE FIRM AND UNYIELDING WHEN PROOF-ROLLED WITH A FULL WATER TRUCK.
- FURNISH AND INSTALL MIRAFI 600X ON FINISHED SUBGRADE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- WITHOUT DRIVING DIRECTLY ON GEOTEXTILE, PLACE AND COMPACT AGGREGATE BASE TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY.
- PROTECT EXISTING UTILITY STRUCTURES AND CONCRETE IMPROVEMENTS IN PLACE, ADJUST EXISTING UTILITY LIDS, COVERS, AND OTHER APPURTENANCES TO MATCH FINISH GRADE.
- PROTECT EXISTING PAVEMENT FROM DISTRESS FROM CONSTRUCTION TRAFFIC. REPLACE DAMAGED CONCRETE AND ASPHALT PAVEMENT NOT IDENTIFIED FOR DEMOLITION.
- CONTRACTOR TO VERIFY PAVEMENT AREAS AND LOCATIONS OF EXISTING UTILITIES.
- CONTRACTOR TO MEMORIALIZE EXISTING PAVEMENT MARKINGS AT PLAYGROUND AREA.
- CONTRACTOR TO MATCH FINISHED GRADES TO ADJACENT EXISTING IMPROVEMENTS.
- APPLY TACK COAT TO ALL CONCRETE FACES/SURFACES JUST PRIOR TO AC LAY-DOWN.
- CONTRACTOR TO EFFECT POSITIVE DRAINAGE ON ALL NEW PAVEMENT SURFACES. DRAINAGE ON NEW PAVEMENT SURFACES SHALL BE ACHIEVED BY SHEET FLOW AND SHALL NOT BE CONCENTRATED.
- RESTORE ALL PAVEMENT MARKINGS AND PAINT CURBS IN PAVEMENT RECONSTRUCTION/NEW CONSTRUCTION AREAS WITH TRAFFIC-RATED PAINT.
- SEALCOAT ASPHALT CONCRETE SEAMS BETWEEN NEW AND EXISTING ASPHALT CONCRETE.

CONSTRUCTION NOTES

- CONSTRUCT ASPHALT CONCRETE PAVEMENT PER DETAIL "A", SHEET 9.
- CONSTRUCT CONCRETE RIBBON GUTTER PER DETAIL "C", SHEET 9.
- RECONSTRUCT CONCRETE PAD AT HYDRANT. POUR MONOLITHIC WITH RIBBON GUTTER.
- CONSTRUCT REDWOOD HEADER ADJACENT TO LANDSCAPING PER DETAIL "D", SHEET 9.
- CONSTRUCT 24" X 24" CATCH BASIN WITH OPEN BOTTOM PER DETAIL "E", SHEET 9.
- CONSTRUCT PLAYGROUND ASPHALT CONCRETE PAVEMENT PER DETAIL "N", SHEET 9.

REVISIONS			
MARK	DATE	DESCRIPTION	BY
Δ	03/11/25	PLAYGROUND AC PAVEMENT SECTION. IRRIGATION PLAN	
REVIEWED BY:			
		DATE	
		DATE	



ECG
Encompass Consultant Group
333 N. LANTANA ST., SUITE 287, CAMARILLO, CA 93010
PHONE: 805.322.4443 WEBSITE: WWW.ECGCIVIL.COM

TRISTAN J. SANTOS DATE: 02/28/2025
PROJECT ENGINEER
R.C.E. 71473

DOS CAMINOS ELEMENTARY SCHOOL GRADING PLAN 3635 APPLAN WAY, CAMARILLO, CA 93010			
SCALE: HORIZ. 1" = 10'		VERT. _____	
WORK ORDER	1002	SHEET NO. 4 OF 10	
DRAWN BY:	MEM		
CHECKED BY:	TJS		

PONDEROSA DR.

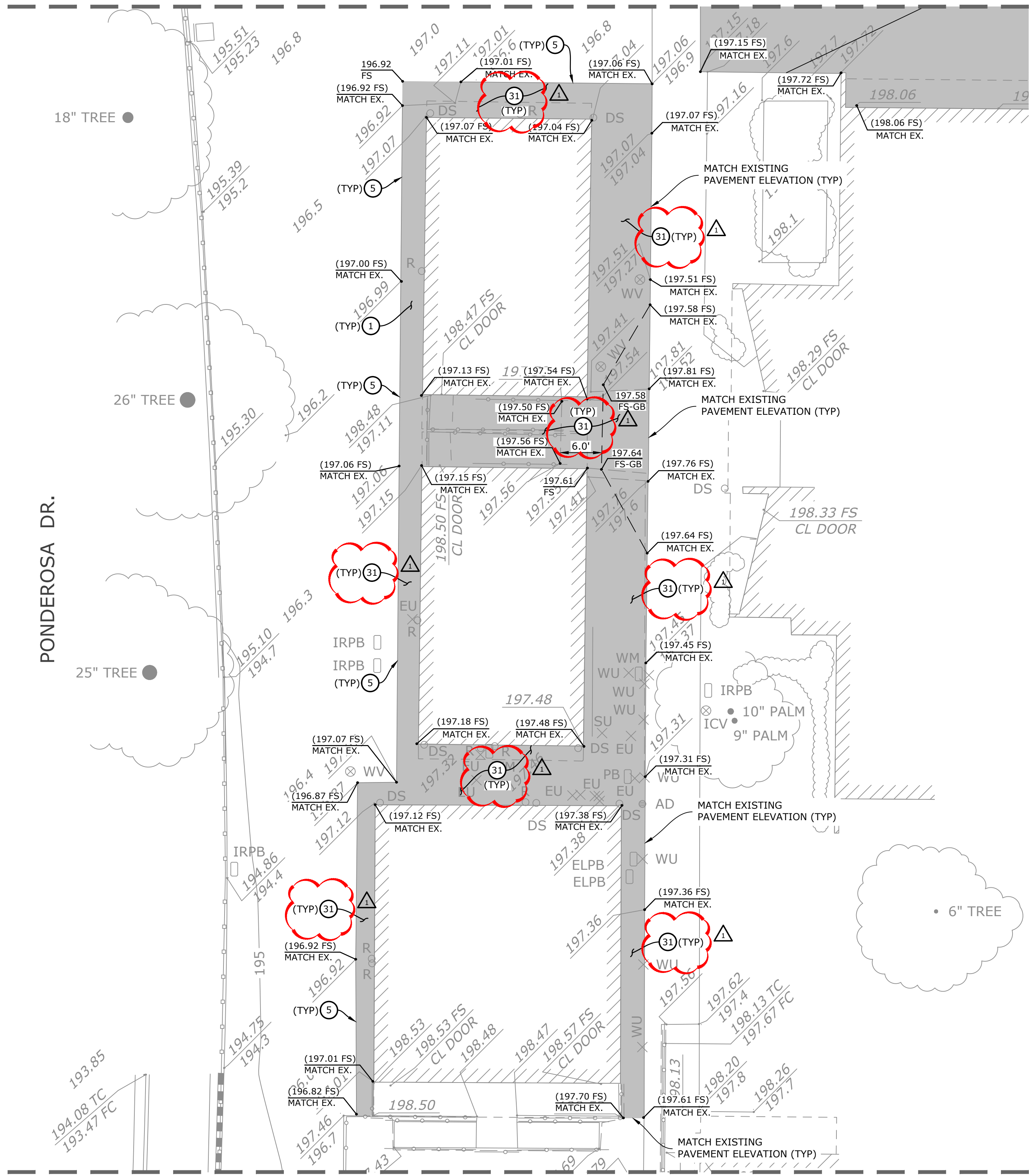
18" TREE

26" TREE

22" TREE

SHEET 5

SHEET 4



SHEET 7

LEGEND

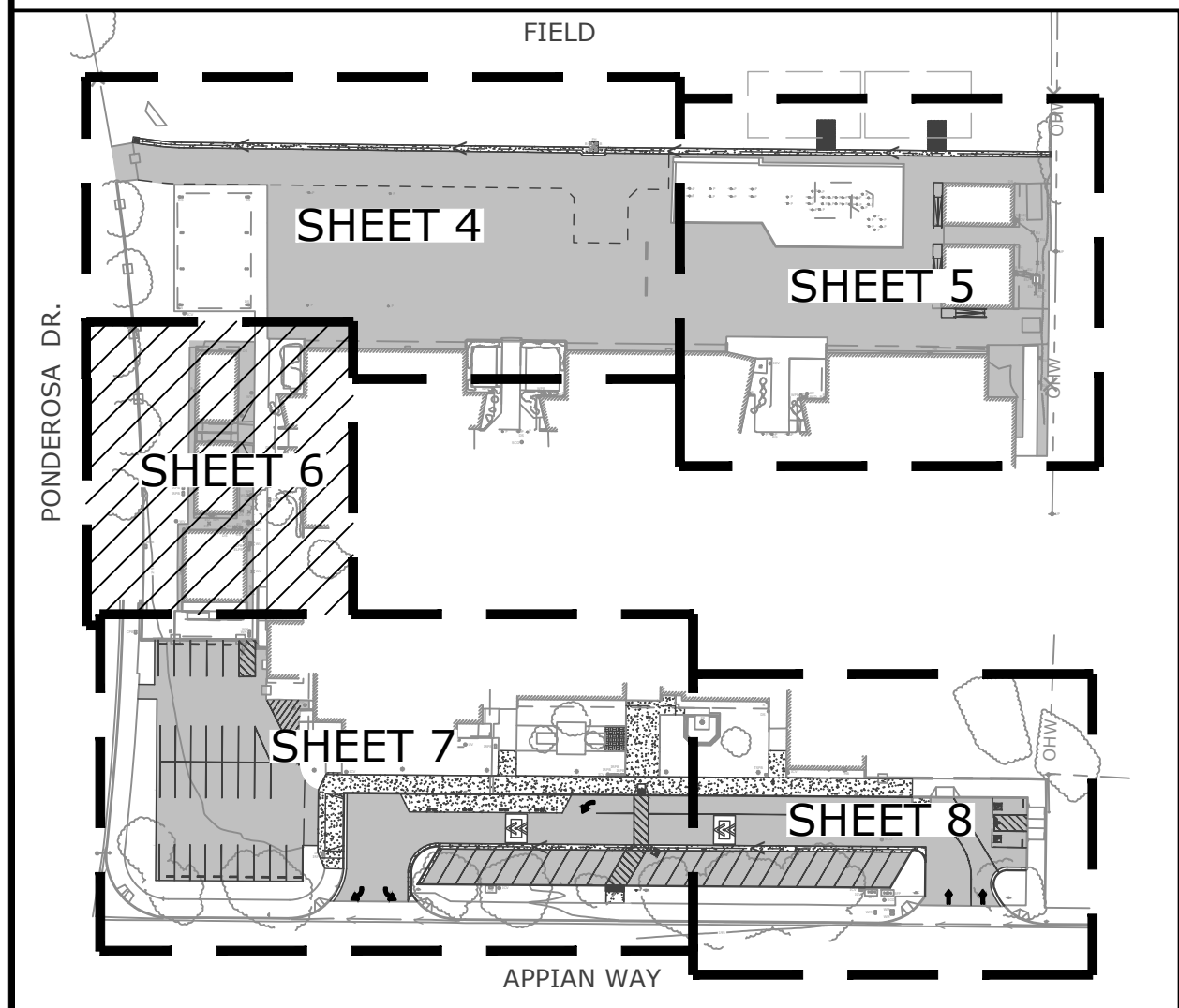
- ASPHALT CONCRETE PAVEMENT
- CONCRETE PAVEMENT
- FLOW LINE
- DAYLIGHT LINE
- GRADE BREAK
- EXISTING CHAIN LINK FENCE (PROTECT IN PLACE)
- EXISTING WALL (PROTECT IN PLACE)
- EXISTING DOMESTIC WATER (PROTECT IN PLACE)
- EXISTING IRRIGATION WATER (PROTECT IN PLACE)
- EXISTING STORM DRAIN (PROTECT IN PLACE)
- EXISTING ELECTRICAL LINE (PROTECT IN PLACE)

GENERAL GRADING AND PAVING NOTES

- REMOVE EXISTING ASPHALT CONCRETE PAVEMENT WITHIN MARKED AREA. SAW CUT WITH CLEAN STRAIGHT EDGES. KEY CUT ASPHALT CONCRETE EDGES TO A DEPTH OF 1 1/2 TO 2 INCHES AND WIDTH OF 18 INCHES INTO ADJACENT ASPHALT CONCRETE PAVEMENT. COMPACT UPPER 8 INCHES BELOW PAVEMENT SECTION SUBGRADE TO A DISTANCE OF 1 FOOT BEYOND PERIMETER WHERE ALLOWABLE TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY.
- SUBGRADE AND COMPACTED AGGREGATE BASE COURSE SHALL BE FIRM AND UNYIELDING WHEN PROOF-ROLLED WITH A FULL WATER TRUCK.
- FURNISH AND INSTALL MIRAFI 600X ON FINISHED SUBGRADE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- WITHOUT DRIVING DIRECTLY ON GEOTEXTILE, PLACE AND COMPACT AGGREGATE BASE TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY.
- PROTECT EXISTING UTILITY STRUCTURES AND CONCRETE IMPROVEMENTS IN PLACE, ADJUST EXISTING UTILITY LIDS, COVERS, AND OTHER APPURTENANCES TO MATCH FINISH GRADE.
- PROTECT EXISTING PAVEMENT FROM DISTRESS FROM CONSTRUCTION TRAFFIC. REPLACE DAMAGED CONCRETE AND ASPHALT PAVEMENT NOT IDENTIFIED FOR DEMOLITION.
- CONTRACTOR TO VERIFY PAVEMENT AREAS AND LOCATIONS OF EXISTING UTILITIES.
- CONTRACTOR TO MEMORIALIZE EXISTING PAVEMENT MARKINGS AT PLAYGROUND AREA.
- CONTRACTOR TO MATCH FINISHED GRADES TO ADJACENT EXISTING IMPROVEMENTS.
- APPLY TACK COAT TO ALL CONCRETE FACES/SURFACES JUST PRIOR TO AC LAY-DOWN.
- CONTRACTOR TO EFFECT POSITIVE DRAINAGE ON ALL NEW PAVEMENT SURFACES. DRAINAGE ON NEW PAVEMENT SURFACES SHALL BE ACHIEVED BY SHEET FLOW AND SHALL NOT BE CONCENTRATED.
- RESTORE ALL PAVEMENT MARKINGS AND PAINT CURBS IN PAVEMENT RECONSTRUCTION/NEW CONSTRUCTION AREAS WITH TRAFFIC-RATED PAINT.
- SEALCOAT ASPHALT CONCRETE SEAMS BETWEEN NEW AND EXISTING ASPHALT CONCRETE.

CONSTRUCTION NOTES

- CONSTRUCT REDWOOD HEADER ADJACENT TO LANDSCAPING PER DETAIL "D", SHEET 9.
- CONSTRUCT PLAYGROUND ASPHALT CONCRETE PAVEMENT PER DETAIL "N", SHEET 9.



Know what's below.
Call before you dig.
UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

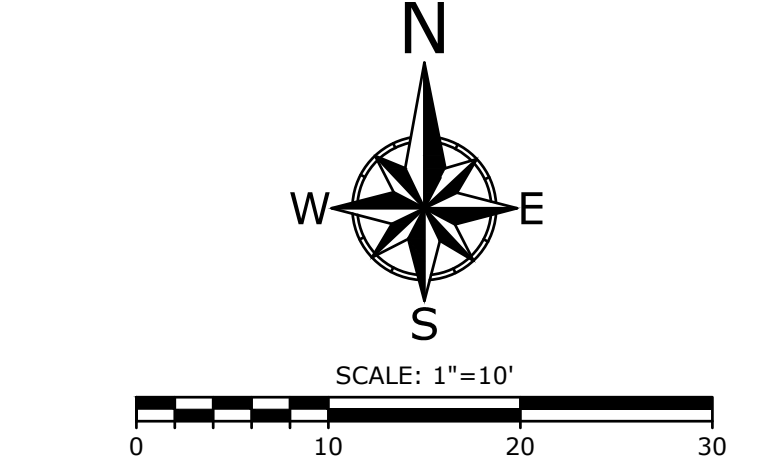
DIAL TOLL FREE
8 1 1
AT LEAST TWO DAYS
BEFORE YOU DIG

REVISIONS			
MARK	DATE	DESCRIPTION	BY
A	03/11/25	PLAYGROUND AC PAVEMENT SECTION. IRRIGATION PLAN	
REVIEWED BY:			
DATE			
DATE			



ECG
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PHONE: 805.322.4443 WEBSITE: WWW.ECGCIVIL.COM

TRISTAN J. SANTOS DATE: 02/28/2025
PROJECT ENGINEER
R.C.E. 71473

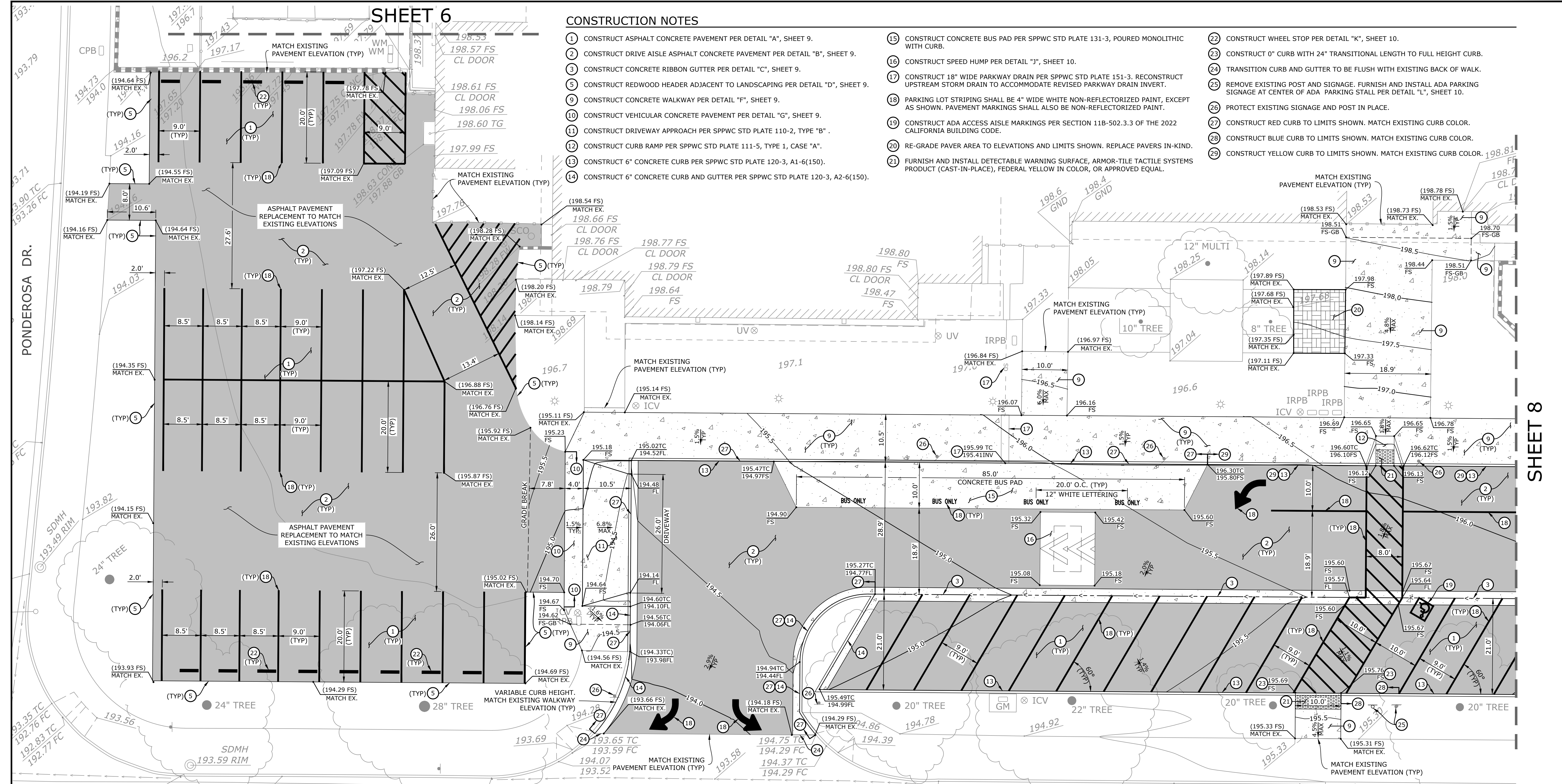


DOS CAMINOS ELEMENTARY SCHOOL
GRADING PLAN
3635 APIAN WAY, CAMARILLO, CA 93010

SCALE: HORIZ. 1" = 10' VERT. _____

WORK ORDER	1002
DRAWN BY:	MEM
CHECKED BY:	TJS

SHEET NO. 6 OF 10



CONSTRUCTION NOTES

1. CONSTRUCT ASPHALT CONCRETE PAVEMENT PER DETAIL "A", SHEET 9.
2. CONSTRUCT DRIVE AISLE ASPHALT CONCRETE PAVEMENT PER DETAIL "B", SHEET 9.
3. CONSTRUCT CONCRETE RIBBON GUTTER PER DETAIL "C", SHEET 9.
5. CONSTRUCT REDWOOD HEADER ADJACENT TO LANDSCAPING PER DETAIL "D", SHEET 9.
9. CONSTRUCT CONCRETE WALKWAY PER DETAIL "F", SHEET 9.
10. CONSTRUCT VEHICULAR CONCRETE PAVEMENT PER DETAIL "G", SHEET 9.
11. CONSTRUCT DRIVEWAY APPROACH PER SPWC STD PLATE 110-2, TYPE "B".
12. CONSTRUCT CURB RAMP PER SPWC STD PLATE 111-5, TYPE 1, CASE "A".
13. CONSTRUCT 6" CONCRETE CURB PER SPWC STD PLATE 120-3, A1-6(150).
14. CONSTRUCT 6" CONCRETE CURB AND GUTTER PER SPWC STD PLATE 120-3, A2-6(150).
15. CONSTRUCT CONCRETE BUS PAD PER SPWC STD PLATE 131-3, POURED MONOLITHIC WITH CURB.
16. CONSTRUCT SPEED HUMP PER DETAIL "J", SHEET 10.
17. CONSTRUCT 18" WIDE PARKWAY DRAIN PER SPWC STD PLATE 151-3. RECONSTRUCT UPSTREAM STORM DRAIN TO ACCOMMODATE REVISED PARKWAY DRAIN INVERT.
18. PARKING LOT STRIPING SHALL BE 4" WIDE WHITE NON-REFLECTORIZED PAINT, EXCEPT AS SHOWN. PAVEMENT MARKINGS SHALL ALSO BE NON-REFLECTORIZED PAINT.
19. CONSTRUCT ADA ACCESS AISLE MARKINGS PER SECTION 11B-502.3.3 OF THE 2022 CALIFORNIA BUILDING CODE.
20. RE-GRADE PAVEMENT AREA TO ELEVATIONS AND LIMITS SHOWN. REPLACE PAVERS IN-KIND.
21. FURNISH AND INSTALL DETECTABLE WARNING SURFACE, ARMOR-TILE TACTILE SYSTEMS PRODUCT (CAST-IN-PLACE), FEDERAL YELLOW IN COLOR, OR APPROVED EQUAL.
22. CONSTRUCT WHEEL STOP PER DETAIL "K", SHEET 10.
23. CONSTRUCT 0" CURB WITH 24" TRANSITIONAL LENGTH TO FULL HEIGHT CURB.
24. TRANSITION CURB AND GUTTER TO BE FLUSH WITH EXISTING BACK OF WALK.
25. REMOVE EXISTING POST AND SIGNAGE. FURNISH AND INSTALL ADA PARKING SIGNAGE AT CENTER OF ADA PARKING STALL PER DETAIL "L", SHEET 10.
26. PROTECT EXISTING SIGNAGE AND POST IN PLACE.
27. CONSTRUCT RED CURB TO LIMITS SHOWN. MATCH EXISTING CURB COLOR.
28. CONSTRUCT BLUE CURB TO LIMITS SHOWN. MATCH EXISTING CURB COLOR.
29. CONSTRUCT YELLOW CURB TO LIMITS SHOWN. MATCH EXISTING CURB COLOR.

GENERAL GRADING AND PAVING NOTES

1. REMOVE EXISTING ASPHALT CONCRETE PAVEMENT WITHIN MARKED AREA. SAW CUT WITH CLEAN STRAIGHT EDGES. KEY CUT ASPHALT CONCRETE EDGES TO A DEPTH OF 1 1/2 TO 2 INCHES AND WIDTH OF 18 INCHES INTO ADJACENT ASPHALT CONCRETE PAVEMENT. COMPACT UPPER 8 INCHES BELOW PAVEMENT SECTION SUBGRADE TO A DISTANCE OF 1 FOOT BEYOND PERIMETER WHERE ALLOWABLE TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY.
2. SUBGRADE AND COMPACTED AGGREGATE BASE COURSE SHALL BE FIRM AND UNYIELDING WHEN PROOF-ROLLED WITH A FULL WATER TRUCK.
3. FURNISH AND INSTALL MIRAFI 600X ON FINISHED SUBGRADE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
4. WITHOUT DRIVING DIRECTLY ON GEOTEXTILE, PLACE AND COMPACT AGGREGATE BASE TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY.
5. PROTECT EXISTING UTILITY STRUCTURES AND CONCRETE IMPROVEMENTS IN PLACE, ADJUST EXISTING UTILITY LIDS, COVERS, AND OTHER APPURTENANCES TO MATCH FINISH GRADE.
6. PROTECT EXISTING PAVEMENT FROM DISTRESS FROM CONSTRUCTION TRAFFIC. REPLACE DAMAGED CONCRETE AND ASPHALT PAVEMENT NOT IDENTIFIED FOR DEMOLITION.
7. CONTRACTOR TO VERIFY PAVEMENT AREAS AND LOCATIONS OF EXISTING UTILITIES.
8. CONTRACTOR TO MEMORIALIZE EXISTING PAVEMENT MARKINGS AT PLAYGROUND AREA.
9. CONTRACTOR TO MATCH FINISHED GRADES TO ADJACENT EXISTING IMPROVEMENTS.
10. APPLY TACK COAT TO ALL CONCRETE FACES/SURFACES JUST PRIOR TO AC LAY-DOWN.
11. CONTRACTOR TO EFFECT POSITIVE DRAINAGE ON ALL NEW PAVEMENT SURFACES. DRAINAGE ON NEW PAVEMENT SURFACES SHALL BE ACHIEVED BY SHEET FLOW AND SHALL NOT BE CONCENTRATED.
12. RESTORE ALL PAVEMENT MARKINGS AND PAINT CURBS IN PAVEMENT RECONSTRUCTION/NEW CONSTRUCTION AREAS WITH TRAFFIC-RATED PAINT.
13. SEALCOAT ASPHALT CONCRETE SEAMS BETWEEN NEW AND EXISTING ASPHALT CONCRETE.

LEGEND

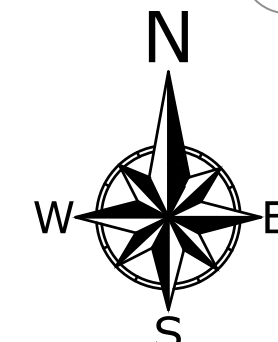
- | | |
|--|--|
| | ASPHALT CONCRETE PAVEMENT |
| | CONCRETE PAVEMENT |
| | FLOW LINE |
| | DAYLIGHT LINE |
| | GRADE BREAK |
| | EXISTING CHAIN LINK FENCE (PROTECT IN PLACE) |
| | EXISTING WALL (PROTECT IN PLACE) |
| | EXISTING DOMESTIC WATER (PROTECT IN PLACE) |
| | EXISTING IRRIGATION WATER (PROTECT IN PLACE) |
| | EXISTING STORM DRAIN (PROTECT IN PLACE) |
| | EXISTING ELECTRICAL LINE (PROTECT IN PLACE) |

APPIAN WAY



DIAL TOLL FREE
8 1 1
AT LEAST TWO DAYS
BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA



SCALE: 1"=10'

REVISIONS			
MARK	DATE	DESCRIPTION	BY
A	03/11/25	PLAYGROUND AC PAVEMENT SECTION. IRRIGATION PLAN	
REVIEWED BY:			
		DATE	
		DATE	



TRISTAN J. SANTOS
PROJECT ENGINEER
R.C.E. 71473

DATE: 02/28/2025

DOS CAMINOS ELEMENTARY SCHOOL
GRADING PLAN
3635 APPIAN WAY, CAMARILLO, CA 93010

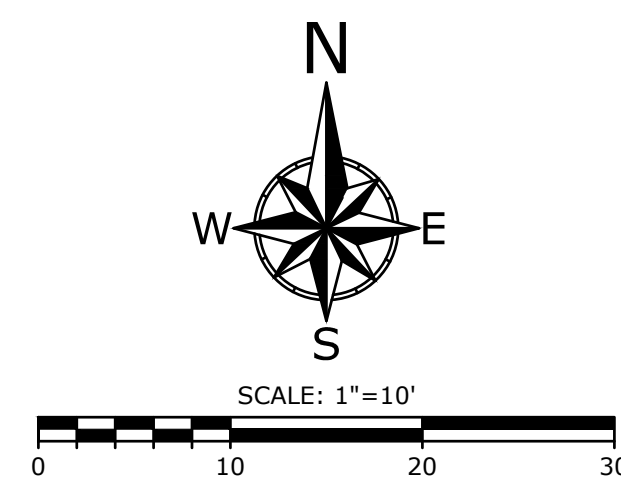
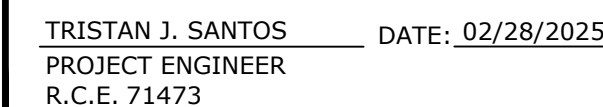
SCALE: HORIZ. 1"=10' VERT. _____
WORK ORDER 1002
DRAWN BY: MEM
CHECKED BY: TJS
SHEET NO. 7 OF 10



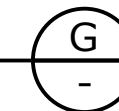
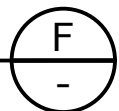
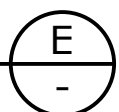
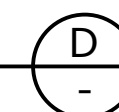
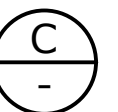
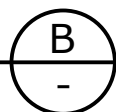
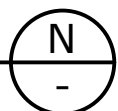
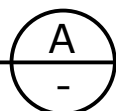
- ① CONSTRUCT ASPHALT CONCRETE PAVEMENT PER DETAIL "A", SHEET 9.
- ② CONSTRUCT DRIVE AISLE ASPHALT CONCRETE PAVEMENT PER DETAIL "B", SHEET 9.
- ③ CONSTRUCT CONCRETE RIBBON GUTTER PER DETAIL "C", SHEET 9.
- ④ CONSTRUCT CONCRETE WALKWAY PER DETAIL "F", SHEET 9.
- ⑤ CONSTRUCT VEHICULAR CONCRETE PAVEMENT PER DETAIL "G", SHEET 9.
- ⑬ CONSTRUCT 6" CONCRETE CURB PER SPWPC STD PLATE 120-3, A1-6(150).
- ⑭ CONSTRUCT 6" CONCRETE CURB AND GUTTER PER SPWPC STD PLATE 120-3, A2-6(150).
- ⑮ CONSTRUCT SPEED HUMP PER DETAIL "J", SHEET 10.
- ⑯ PARKING LOT STRIPING SHALL BE 4" WIDE WHITE NON-REFLECTORIZED PAINT, EXCEPT AS SHOWN. PAVEMENT MARKINGS SHALL ALSO BE NON-REFLECTORIZED PAINT.
- ⑰ CONSTRUCT ADA ACCESS AISLE MARKINGS PER SECTION 11B-502.3.3 OF THE 2022 CALIFORNIA BUILDING CODE.
- ⑳ CONSTRUCT WHEEL STOP PER DETAIL "K", SHEET 10.
- ㉒ TRANSITION CURB AND GUTTER TO BE FLUSH WITH EXISTING BACK OF WALK.
- ㉓ PROTECT EXISTING SIGNAGE AND POST IN PLACE.
- ㉔ CONSTRUCT RED CURB TO LIMITS SHOWN. MATCH EXISTING CURB COLOR.
- ㉕ CONSTRUCT BLUE CURB TO LIMITS SHOWN. MATCH EXISTING CURB COLOR.
- ㉖ CONSTRUCT YELLOW CURB TO LIMITS SHOWN. MATCH EXISTING CURB COLOR.

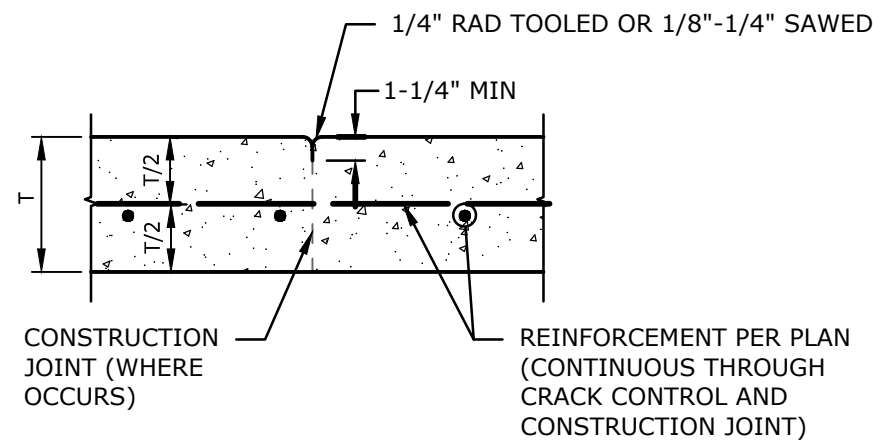
	ASPHALT CONCRETE PAVEMENT
	CONCRETE PAVEMENT
	FLOW LINE
	DAYLIGHT LINE
	GRADE BREAK
	EXISTING CHAIN LINK FENCE (PROTECT IN PLACE)
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	EXISTING IRRIGATION WATER (PROTECT IN PLACE)
	EXISTING STORM DRAIN (PROTECT IN PLACE)
	EXISTING ELECTRICAL LINE (PROTECT IN PLACE)

1. REMOVE EXISTING ASPHALT CONCRETE PAVEMENT WITHIN MARKED AREA. SAW CUT WITH CLEAN STRAIGHT EDGES. KEY CUT ASPHALT CONCRETE EDGES TO A DEPTH OF 1 1/4 TO 2 INCHES AND WIDTH OF 18 INCHES INTO ADJACENT ASPHALT CONCRETE PAVEMENT. COMPACT UPPER 8 INCHES BELOW PAVEMENT SECTION SUBGRADE TO A DISTANCE OF 1 FOOT BEYOND PERIMETER WHERE ALLOWABLE TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY.
2. SUBGRADE AND COMPACTED AGGREGATE BASE COURSE SHALL BE FIRM AND UNYIELDING WHEN PROOF-ROLLED WITH A FULL WATER TRUCK.
3. FURNISH AND INSTALL MIRAFI 600X ON FINISHED SUBGRADE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
4. WITHOUT DRIVING DIRECTLY ON GEOTEXTILE, PLACE AND COMPACT AGGREGATE BASE TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY.
5. PROTECT EXISTING UTILITY STRUCTURES AND CONCRETE IMPROVEMENTS IN PLACE, ADJUST EXISTING UTILITY LIDS, COVERS, AND OTHER APPURTENANCES TO MATCH FINISH GRADE.
6. PROTECT EXISTING PAVEMENT FROM DISTRESS FROM CONSTRUCTION TRAFFIC. REPLACE DAMAGED CONCRETE AND ASPHALT PAVEMENT NOT IDENTIFIED FOR DEMOLITION.
7. CONTRACTOR TO VERIFY PAVEMENT AREAS AND LOCATIONS OF EXISTING UTILITIES.
8. CONTRACTOR TO MEMORIALIZE EXISTING PAVEMENT MARKINGS AT PLAYGROUND AREA.
9. CONTRACTOR TO MATCH FINISHED GRADES TO ADJACENT EXISTING IMPROVEMENTS.
10. APPLY TACK COAT TO ALL CONCRETE FACES/SURFACES JUST PRIOR TO AC LAY-DOWN.
11. CONTRACTOR TO EFFECT POSITIVE DRAINAGE ON ALL NEW PAVEMENT SURFACES. DRAINAGE ON NEW PAVEMENT SURFACES SHALL BE ACHIEVED BY SHEET FLOW AND SHALL NOT BE CONCENTRATED.
12. RESTORE ALL PAVEMENT MARKINGS AND PAINT CURBS IN PAVEMENT RECONSTRUCTION/NEW CONSTRUCTION AREAS WITH TRAFFIC-RATED PAINT.
13. SEALCOAT ASPHALT CONCRETE SEAMS BETWEEN NEW AND EXISTING ASPHALT CONCRETE.



SCALE: HORIZ. <u>1" = 10'</u> VERT. _____	
WORK ORDER 1002 DRAWN BY: MEM CHECKED BY: TJS	8 OF 10

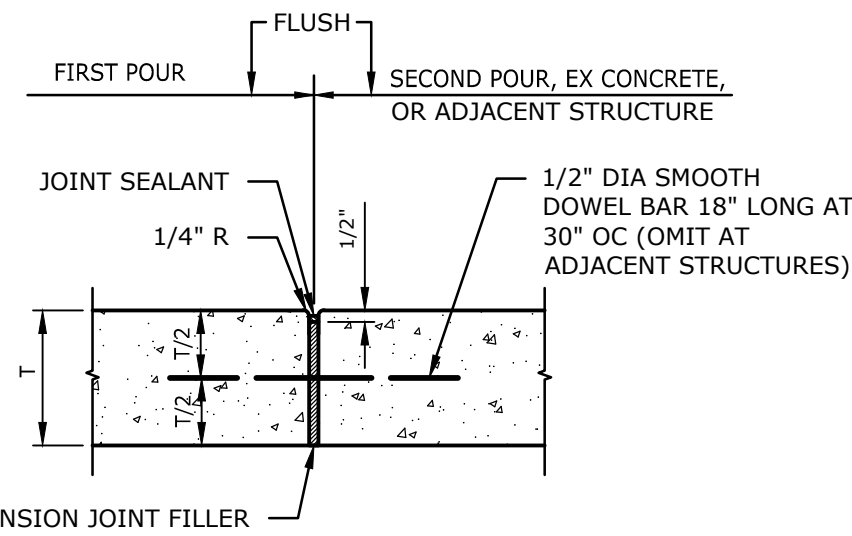
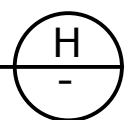




- NOTES:
1. SEE SPECIFICATIONS FOR TYPE OF JOINT SEALANT.
 2. CONSTRUCTION JOINTS SHALL ONLY BE LOCATED WHERE A CRACK CONTROL JOINT OR OTHER JOINT WOULD OTHERWISE HAVE BEEN REQUIRED.
 3. SEE PLAN FOR THICKNESS, T.
 4. REFER TO SPPWC STANDARD PLAN 112-2.

CONSTRUCTION/CRACK CONTROL JOINT

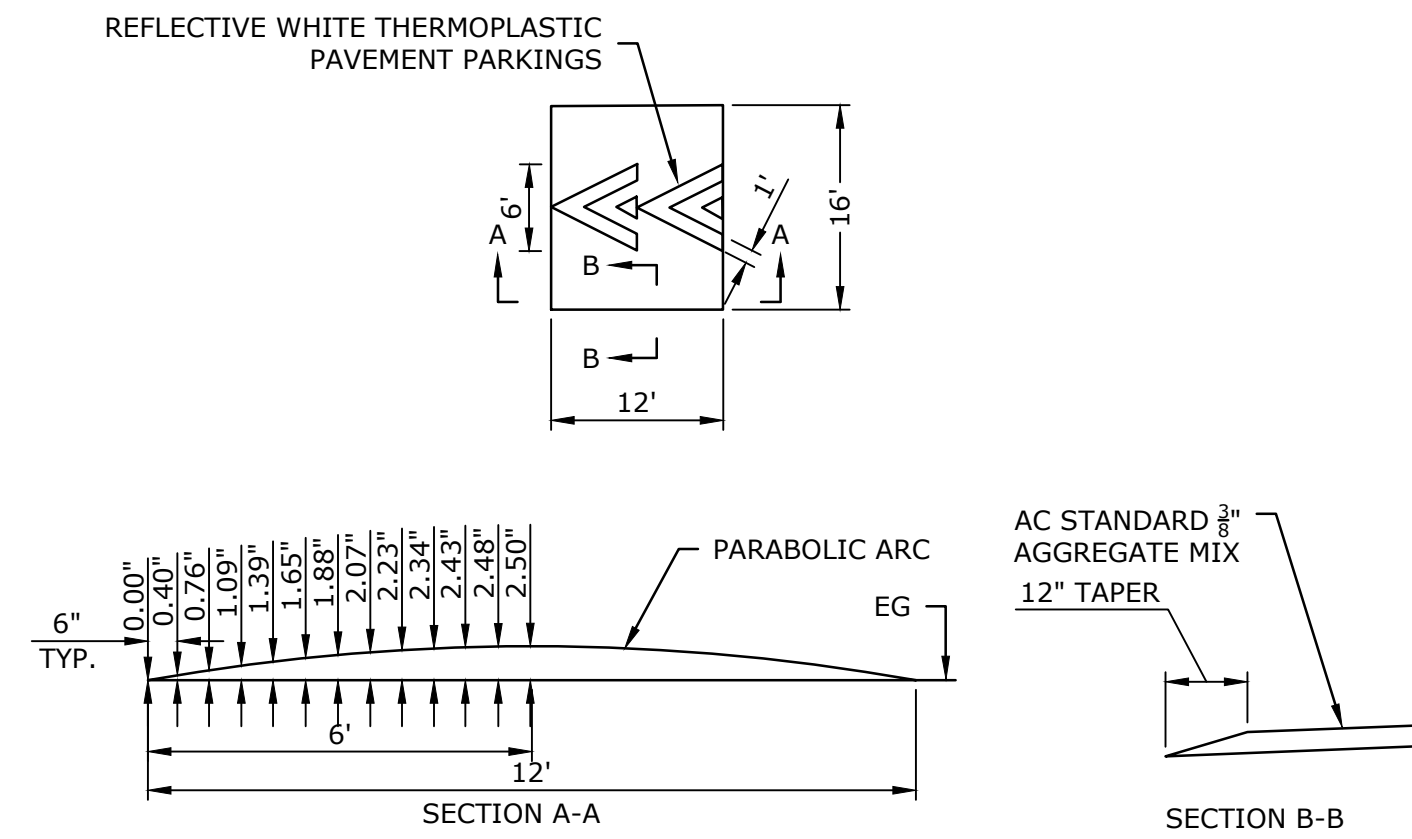
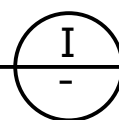
SCALE: N.T.S.



- NOTES:
1. SEE SPECIFICATIONS FOR TYPE OF JOINT SEALANT & EXPANSION JOINT FILLER.
 2. USE SMOOTH BARS FOR DOWELS COATED TO PREVENT BOND, GREASE ONE END PRIOR TO SECOND POUR.
 3. SEE PLAN FOR THICKNESS, T.
 4. PROVIDE ADEQUATE SUPPORT FOR DOWELS TO ENSURE THEY REMAIN LEVEL WITH FINISH SURFACE.
 5. STOP SLAB REINFORCING AT EXPANSION JOINTS.
 4. REFER TO SPPWC STANDARD PLAN 112-2.

EXPANSION JOINT

SCALE: N.T.S.

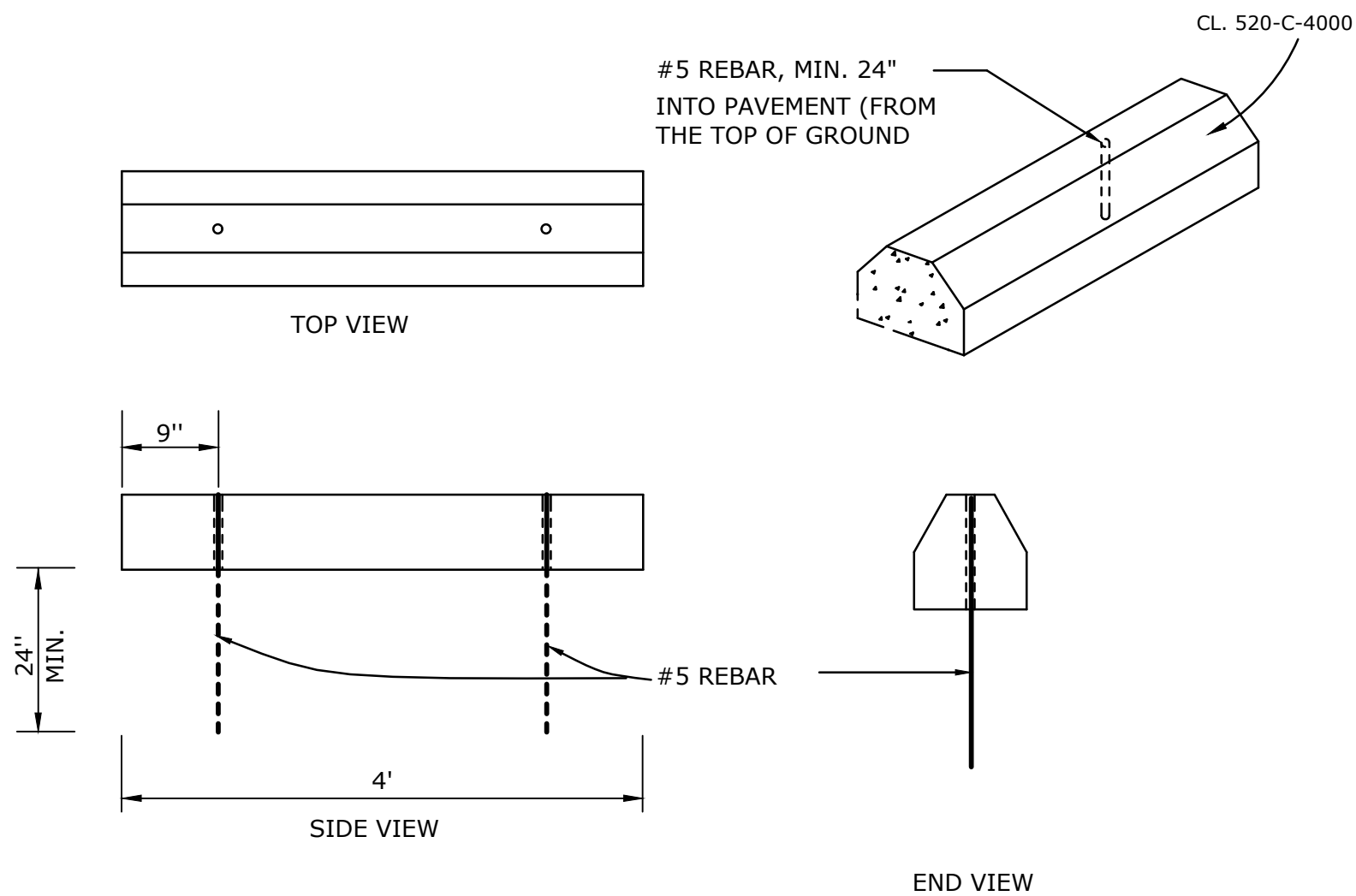
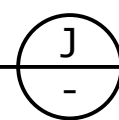


NOTES:

1. INSTALLATION SHALL CONFORM TO THE LATEST CITY OF CAMARILLO STANDARD PLANS AND CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES STANDARDS.
2. SPEED HUMPS SHALL NOT BE PLACED OVER MANHOLES, MAINTENANCE COVERS, ETC.
3. EDGE OF SPEED HUMP SHOULD BE 5' OR MORE FROM EDGE OF DRIVEWAY OR CATCH BASIN.
4. ASPHALT JOINS SHALL BE ACCOMPLISHED BY GRINDING AND FILLING A 1"x24" CUT.
5. ACCEPTABLE TOLERANCE FOR 2.5" HEIGHT OF THE SPEED HUMP IS $\pm \frac{1}{4}$ ".

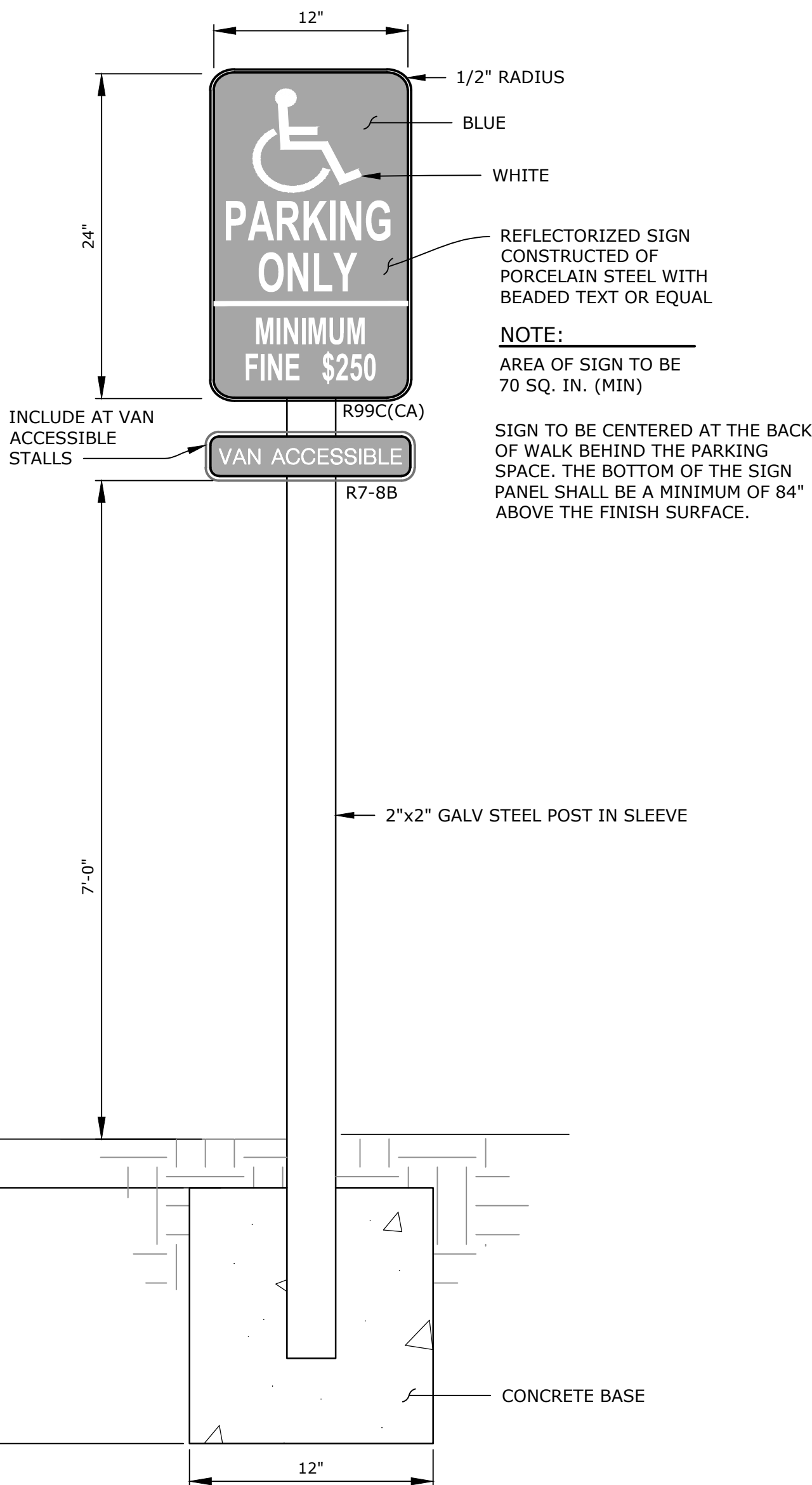
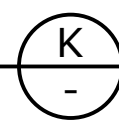
SPEED HUMP DETAIL

SCALE: N.T.S.



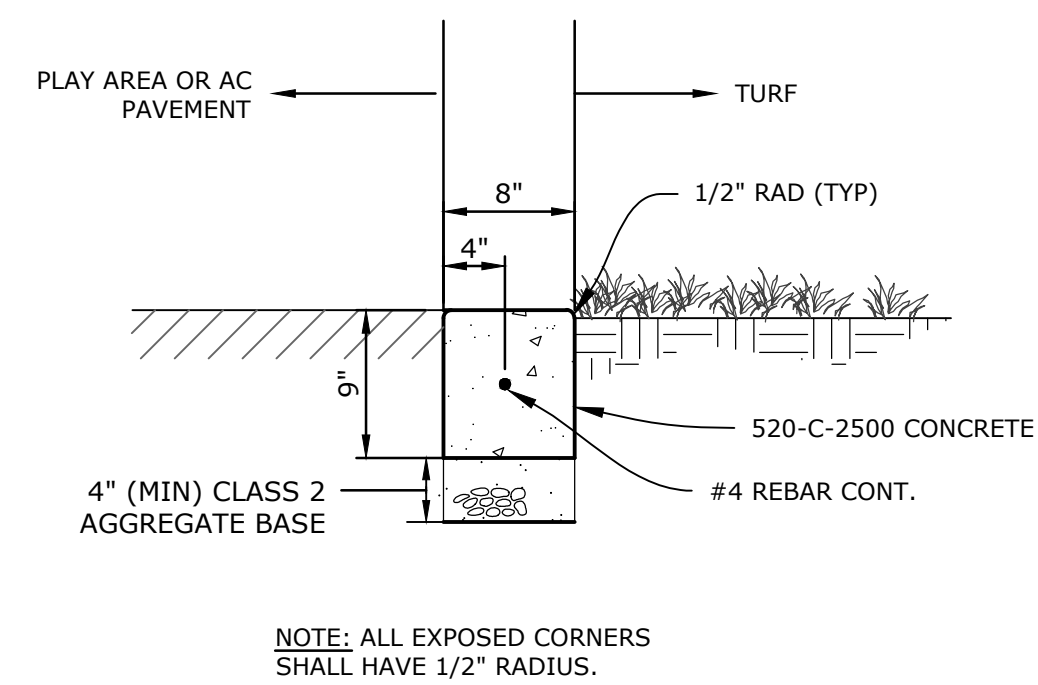
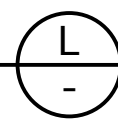
WHEEL STOP DETAIL

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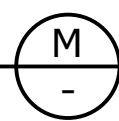
ACCESSIBLE PARKING STALL SIGN AND POST DETAIL

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MOW CURB DETAIL

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REVISIONS			
MARK	DATE	DESCRIPTION	BY
A	03/11/25	PLAYGROUND AC PAVEMENT SECTION, IRRIGATION PLAN	
REVIEWED BY:			
		DATE	
		DATE	



TRISTAN J. SANTOS DATE: 02/28/2025
PROJECT ENGINEER
R.C.E. 71473

DOS CAMINOS ELEMENTARY SCHOOL
DETAIL SHEET

3635 APPIAN WAY, CAMARILLO, CA 93010

SCALE: HORIZ. 1" = 10'

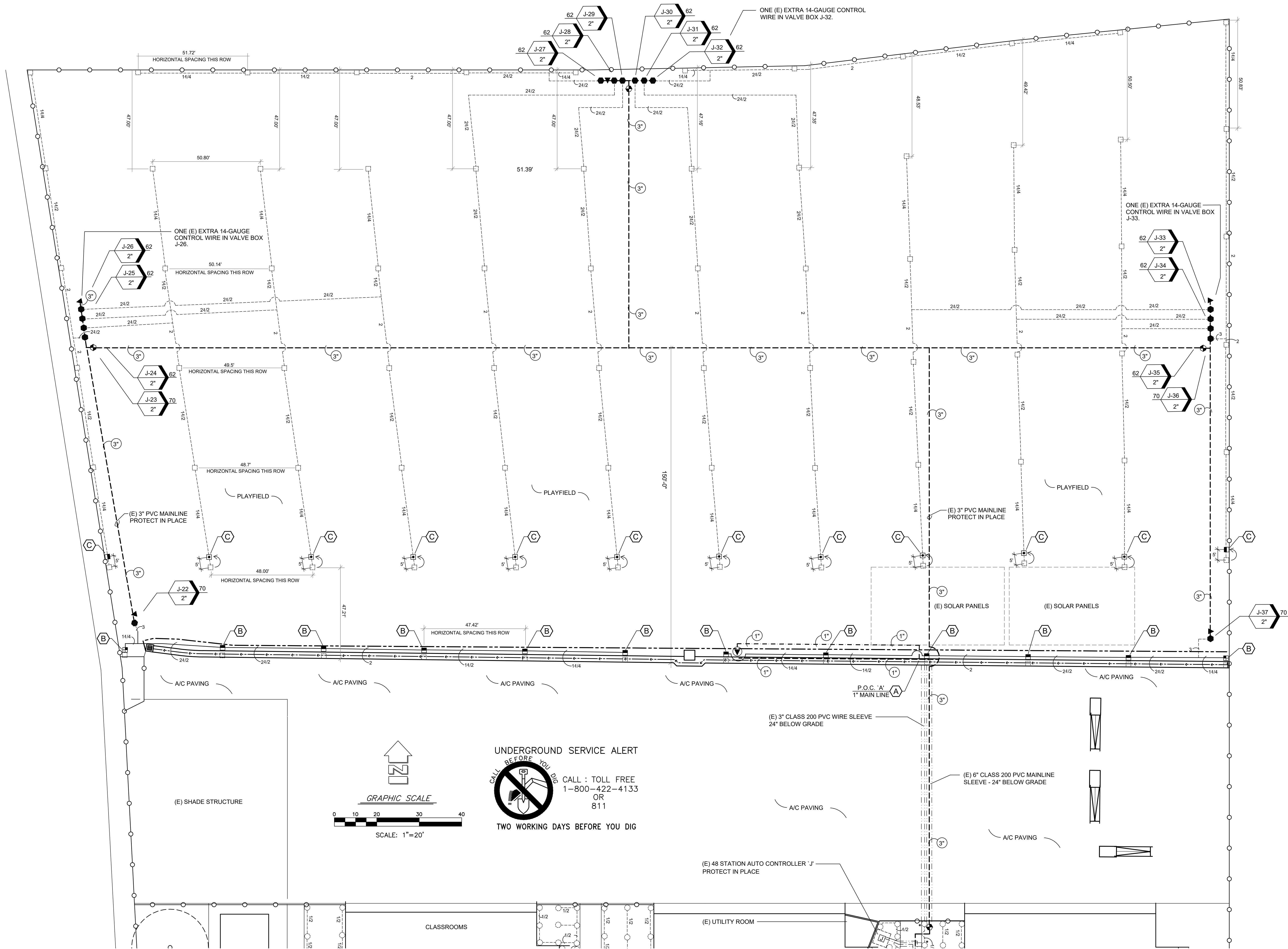
VERT. _____

WORK ORDER 1002

DRAWN BY: MEM

CHECKED BY: TJS

SHEET NO. 10 OF 10



JORDAN & BAIN

LANDSCAPE ARCHITECTS, INC.

459 NORTH VENTURA AVE., VENTURA CA 93001
(805) 642-3641 FAX (805) 653-7874

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REVISIONS

NO.	DATE	BY	DESCRIPTION
1	3-11-25	JB	ADDENDUM NO. 1

CLIENT

PLEASANT VALLEY
SCHOOL DISTRICT
600 TEMPLE AVE.
CAMARILLO, CA 93010

SHEET TITLE

IRRIGATION PLAN

DRAWN:

CHECKED:

CLIENT REV.:

DRAWING

L1.1

SHEET 1 OF 4
PROJECT No. 25.05

PROJECT

DOS CAMINOS ELEMENTARY SCHOOL
PAYEMENT REHABILITATION PROJECT
3635 APPIAN WAY
CAMARILLO, CA 93010

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IRRIGATION PROJECT NOTES

1. PRIOR TO BEGINNING ANY WORK, THE CONTRACTOR AND THE PLEASANT VALLEY SCHOOL DISTRICT (P.V.S.D.) REPRESENTATIVE SHALL PARTICIPATE IN A THOROUGH IRRIGATION SYSTEM REVIEW OF THE PROJECT SITE. ALL REMOTE CONTROL VALVES SHALL BE TURNED ON AND OBSERVED IN OPERATION BY BOTH THE CONTRACTOR AND P.V.S.D. REPRESENTATIVE. ANY EXISTING DEFECTS WILL BE LISTED IN DETAIL IDENTIFYING THE SPECIFIC VALVE STATION NUMBER AND DESCRIBING THE EXACT BROKEN OR NON FUNCTIONING IRRIGATION COMPONENT NOTED DURING THE SITE REVIEW. AT THE CONCLUSION OF THE IRRIGATION REVIEW, THE CONTRACTOR SHALL GENERATE A SUMMARY OF THE ITEMS IDENTIFIED BY BOTH PARTIES LISTING ALL REMOTE CONTROL VALVES OPERATED, IDENTIFYING IF THE VALVE PERFORMED WITHOUT ANY DEFECTS OR SPECIFICALLY IDENTIFYING ANY OBSERVED DEFECTS OR NON FUNCTIONING COMPONENTS, SUCH AS BROKEN HEADS, CLOGGED NOZZLES, NON OPERATING VALVE SOLENOID, BROKEN PIPING, OR OTHER NOTED DEFECT. THE COMPLETED SUMMARY OF ITEMS NOTED SHALL BE LISTED ON A DOCUMENT CALLED 'EXISTING IRRIGATION SYSTEM OBSERVATIONS'. THIS DOCUMENT SHALL BE SIGNED BY THE CONTRACTOR AND SUBMITTED TO THE P.V.S.D. REPRESENTATIVE FOR A CONFIRMING SIGNATURE. THE MUTUALLY SIGNED 'EXISTING IRRIGATION SYSTEM OBSERVATIONS DOCUMENT' SHALL BE SENT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR INSPECTION PURPOSES AT THE CONCLUSION OF THE CONSTRUCTION WORK. IF REQUESTED BY THE P.V.S.D. REPRESENTATIVE, THE CONTRACTOR SHALL PROVIDE A LIST OF THE EXISTING DEFECTIVE IRRIGATION COMPONENTS NOTED WITH A DETAILED WRITTEN PROPOSAL TO REPAIR EACH ITEM IDENTIFIED ON THE LIST. A COPY OF THIS PROPOSAL WILL BE SENT TO THE LANDSCAPE ARCHITECT. THIS ADDITIONAL WORK PROPOSAL MUST BE REVIEWED AND APPROVED IN WRITING BY THE P.V.S.D. STAFF AND FORMALLY PRESENTED TO THE GENERAL CONTRACTOR BEFORE THE LANDSCAPE SUB-CONTRACTOR CAN BEGIN ANY ADDITIONAL REPAIR WORK. THE MUTUALLY SIGNED 'EXISTING IRRIGATION SYSTEM OBSERVATION DOCUMENT' SHALL BE USED AS A GUIDE TO IDENTIFY ANY COLLATERAL DAMAGE CAUSED TO THE EXISTING IRRIGATION SYSTEM AS A RESULT OF NEW CONSTRUCTION PERFORMED ON SITE BY THE CONTRACTORS. ANY DAMAGE CAUSED TO THE EXISTING IRRIGATION SYSTEM NOT SPECIFICALLY IDENTIFIED ON THE 'EXISTING IRRIGATION SYSTEM OBSERVATION DOCUMENT' SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. IN THE EVENT THAT THE CONTRACTOR DOES NOT PARTICIPATE OR PERFORM THE EXISTING IRRIGATION SITE REVIEW, ANY EXISTING IRRIGATION EQUIPMENT OR COMPONENTS DAMAGED ON THE PROJECT SITE NOTED BY THE LANDSCAPE ARCHITECT DURING THE FINAL IRRIGATION SYSTEM REVIEW SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT THEIR EXPENSE AND TO THE SATISFACTION OF THE P.V.S.D. REPRESENTATIVE.
2. FIELD VERIFY EXISTING STATIC WATER PRESSURE AND NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING ANY WORK.
3. CONTACT DIG ALERT AT 1-800-227-2600 TO IDENTIFY AND LOCATE ALL ON-SITE UTILITIES PRIOR TO BEGINNING WORK. THE CONTRACTOR SHALL COORDINATE WITH THE PLEASANT VALLEY SCHOOL DISTRICT (P.V.S.D.) REPRESENTATIVE AND REVIEW THE EXISTING SITE PRIOR TO BEGINNING WORK TO AVOID CONFLICTS WITH FUTURE CONSTRUCTION PROJECTS SCHEDULED ON SITE.
4. PROTECT IN PLACE AND KEEP IN WORKING CONDITION ALL EXISTING IRRIGATION SYSTEMS NOT A PART OF THIS WORK. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING MAINLINE SEGMENT, LATERAL, IRRIGATION CONTROL WIRE, HYDRAULIC TUBING, REMOTE CONTROL VALVE, VALVE BOX, QUICK COUPLER, OR ANY OTHER IRRIGATION SYSTEM COMPONENT DAMAGED DURING THE RENOVATION PROCESS. ADJACENT FUNCTIONING IRRIGATION SYSTEM COMPONENTS MUST BE KEPT IN WORKING CONDITION TO MAINTAIN THE HEALTH AND VIGOR OF THE EXISTING TURF AND LANDSCAPE PLANTINGS. PROLONGED LACK OF WATER TO THESE PLANTERS AS A RESULT OF NEW CONSTRUCTION WORK THAT RESULTS IN THE LOSS OF TURF OR PLANTS SHALL BE REPLACED BY THE CONTRACTOR AT THEIR COST AND TO THE SATISFACTION OF THE P.V.S.D.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TRENCH SETTLING OR IRRIGATION HEAD SETTLING. ALL TRENCHES WILL BE BACK FILLED WITH CLEAN SOIL, COMPACTED AND PLANTED WITH APPROVED SEED OR PLANT MATERIAL AS PER PLAN. ALL HEADS THAT SETTLE WILL BE RAISED TO 1/2" ABOVE FINISH GRADE OR AS DIRECTED BY EITHER THE LANDSCAPE ARCHITECT OR P.V.S.D. REPRESENTATIVE. PROVIDE ADDITIONAL SOIL AS NECESSARY AND HAND TAMP AROUND HEAD TO PREVENT FUTURE SETTLING.
6. SLEEVE ALL PVC IRRIGATION PIPES AND WIRES INSTALLED UNDER PAVING. WIRES SHALL BE ENCLOSED IN SCH. 40 PVC ELECTRICAL CONDUIT SIZED BY THE CONTRACTOR, NO LESS THAN 2" IN SIZE. MAINLINE SLEEVES SHALL BE SIZED AS PER LEGEND ON PLAN. SEE SPECIFICATIONS AND IRRIGATION SLEEVING SCHEDULE FOR ADDITIONAL INFORMATION.
7. THE IRRIGATION SYSTEM IS SHOWN DIAGRAMMATICALLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN LANDSCAPE PLANTERS WHENEVER POSSIBLE.
8. ALL SPRINKLER HEADS SPECIFIED ON THIS PROJECT ARE EQUIPPED WITH FACTORY INSTALLED CHECK VALVES IN THE SPRINKLER BODY. IN THE EVENT THAT LOW HEAD DRAINAGE STILL OCCURS, THE CONTRACTOR SHALL INSTALL INLINE SWING CHECK OR SPRING LOADED CHECK VALVES ON THE PVC LATERALS TO PREVENT LOW HEAD DRAINAGE. ANY INLINE CHECK VALVE INSTALLED ON PVC LATERALS MUST BE FURNISHED WITH A 10" ROUND PLASTIC VALVE BOX WITH A LOCKING GREEN PLASTIC LID.
9. ALL VALVE BOXES INSTALLED IN CONCRETE OR ASPHALT PAVING SHALL BE TRAFFIC RATED CONCRETE BOXES (13-1/4"W X 24-1/4"L X 12"D) WITH CONCRETE LIDS. BOXES SHALL BE MANUFACTURED BY OLDCASTLE PRE-CAST, BOX MODEL N30BOX, LID MODEL B30D, CONCRETE BOX EXTENSION MODEL B30X12, OR CHRISTY CONCRETE BOX EQUIVALENT. ALL RECTANGULAR PLASTIC VALVE BOXES SHALL HAVE THE MINIMUM DIMENSIONS OF (14-1/2"W X 19-1/2"L X 12-1/4"H) AND SHALL HAVE GREEN LOCKING PLASTIC LIDS. THE CONTRACTOR SHALL INCLUDE WITH THE COST OF THE PROJECT ANY PLASTIC VALVE BOX EXTENSION THAT MIGHT BE REQUIRED TO COMPLETE THE VALVE INSTALLATION AS PART OF THE BASE BID. PLASTIC BOX MANUFACTURER'S AND MODEL NUMBERS SHALL BE CARSON MODEL 1419-12 WITH 1419-4B 'T-STYLE GREEN LID', APPLIED ENGINEERING PRODUCTS MODEL 1015T-1G2G, OR NDS MANUFACTURING APPROVED EQUAL.
10. USE ONLY SCH. 80 PVC NIPPLES WHEN INSTALLING VALVES REQUIRING THREADED FITTINGS. SCH. 40 PVC MALE ADAPTERS SHALL NOT BE USED ON ANY VALVE ASSEMBLY CONNECTED TO A PRESSURIZED MAINLINE.
11. MAKE ALL REQUIRED ADJUSTMENTS TO BOTH EXISTING AND NEW SPRINKLER HEADS TO PREVENT ANY IRRIGATION WATER FROM OVER SPRAYING ON TO ADJACENT PAVEMENT OR CLASSROOM BUILDINGS. MAKE ANY NOZZLE REPLACEMENTS AS REQUESTED BY EITHER THE LANDSCAPE ARCHITECT OR P.V.S.D. REPRESENTATIVE TO IMPROVE IRRIGATION COVERAGE OR TO BALANCE PRECIPITATION RATE TO LANDSCAPE PLANTER AS PART OF BASE BID.
12. HEAT STAMP OR 'BRAND' INTO THE PLASTIC REMOTE CONTROL VALVE BOX LIDS THE NEW VALVE STATION NUMBER AND RELATED NEW AUTO CONTROLLER LETTER. PROVIDE CHRISTY STANDARD SIZE I.D. TAGS CONNECTED TO ALL NEW REMOTE CONTROL VALVE SOLENOIDS WITH STATION NUMBER AND RELATED EXISTING AUTO CONTROLLER IDENTIFICATION LETTER.
13. ALL WATER TIGHT CONNECTORS USED TO SPLICE 14 GAUGE WIRES TO REMOTE CONTROL VALVE SOLENOIDS OR TO REPAIR BROKEN EXISTING REMOTE CONTROL VALVE WIRES ON THIS PROJECT SHALL BE MANUFACTURED BY 3M COMPANY, MODEL DBR-Y6 SERIES, SPEARS MODEL DS-400 WITH SPEARS DS-300 SEALANT, OR P.V.S.D. APPROVED EQUAL.
14. INSTALL ALL IRRIGATION REMOTE CONTROL VALVES, BALL VALVES, AND QUICK COUPLING VALVES A MINIMUM DISTANCE OF 10'-0" FROM ALL TREE TRUNK LOCATIONS ILLUSTRATED ON PLANTING PLAN. CONFIRM LAYOUT OF EXISTING OR NEW TREE LOCATIONS PRIOR TO INSTALLING ANY VALVE.
15. EXISTING IMPROVEMENTS WITHIN THE WORK AREAS SHALL REMAIN AND BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED. DAMAGE TO EXISTING IMPROVEMENTS SHALL BE REPLACED IN KIND TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION.
16. UTILITIES MAY HAVE BEEN OMITTED ON THE IRRIGATION SHEETS. REVIEW ALL AVAILABLE P.V.S.D. 'AS-BUILT' RECORD DRAWINGS AND EXERCISE CARE IN EXCAVATION WHILE PROTECTING EXISTING UTILITIES IN PLACE.
17. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ALL DAMAGED IRRIGATION PIPING, SPRINKLER HEADS, WIRES, QUICK COUPLERS, OR ANY (E) IRRIGATION COMPONENT DAMAGED AS A RESULT OF THE NEW CONSTRUCTION WORK AS PART OF THE BASE BID WORK.

IRRIGATION LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL	REMARKS	DETAIL						
----	(E) MAINLINE	UNKNOWN	GASKETED SDR 21 PVC / SCH. 40 PVC	18"-24" BELOW GRADE - PROTECT IN PLACE UNLESS OTHERWISE NOTED ON PLAN	N/A						
-- -- --	(N) MAINLINE	PACIFIC / P.W. EAGLE	SCH. 40 PVC SOLVENT WELD	24" BELOW GRADE	1 / L3.1						
-----	(E) IRRIGATION LATERAL	UNKNOWN	CL. 200 / SCH. 40 SOLVENT WELD PVC	12" BELOW GRADE - PROTECT IN PLACE UNLESS OTHERWISE NOTED ON IRRIGATION PLAN	N/A						
-----	(N) IRRIGATION LATERAL	PACIFIC / P.W. EAGLE	SCH. 40 PVC SOLVENT WELD	SOLVENT WELD - 12" BELOW GRADE	1 / L3.1						
J	(E) AUTO CONTROLLER	WEATHERMATIC	SMART LINE SERIES	48 STATIONS - IN STAINLESS STEEL PEDESTAL - PROTECT IN PLACE	N/A						
●	(E) REMOTE CONTROL VALVE	MIXTURE OF BOTH WEATHERMATIC & SUPERIOR	MAX-DW-XPR SERIES / 950DW SERIES	GLASS-NYLON VALVE BODY- 225 PSI RATING - IN A VALVE BOX - PROTECT IN PLACE BRASS VALVE BODY- 225 PSI RATING - IN A VALVE BOX - PROTECT IN PLACE	N/A						
▲	(N) QUICK COUPLER	BUCKNER	QB44RC-10	1" SIZE, RUBBER COVER, BRASS, INSTALLED IN A 10" ROUND GREEN VALVE BOX	3 / L3.1						
▲	(E) QUICK COUPLER	BUCKNER	QB44RC-10	1" SIZE, RUBBER COVER, BRASS, INSTALLED IN A 10" ROUND GREEN VALVE BOX - PROTECT IN PLACE	N/A						
⊕	(E) GATE VALVE	NIBCO	T-113 SERIES	BRASS GATE VALVE - LINE SIZE IN VALVE BOX - PROTECT IN PLACE	N/A						
⊞	(E) TURF ROTOR	HUNTER	I-40-04-SS - NOZZLES VARY	PROTECT IN PLACE UNLESS OTHERWISE INSTRUCTED ON IRRIGATION PLAN	N/A						
○	(E) SPRAY HEAD	RAIN BIRD	1806 SAM-PRS SERIES - NOZZLES VARY	PROTECT IN PLACE UNLESS OTHERWISE INSTRUCTED ON IRRIGATION PLAN	N/A						
SYMBOLS		DESCRIPTION	MANUFACTURER	MODEL WITH REMARKS	PSI	RAD	GPM Q	GPM T	GPM H	GPM F	DETAIL
Q	T										
■				POP UP TURF ROTOR	HUNTER	I-40-04-SS- 08 (NOZZLE LIGHT BROWN IN COLOR)	70	46	9.2		2 / L3.1
	■			POP UP TURF ROTOR	HUNTER	I-40-04-SS- 10 (NOZZLE LIGHT GREEN IN COLOR)	70	51	12.2		2 / L3.1
		■		POP UP TURF ROTOR	HUNTER	I-40-04-SS- 13 (NOZZLE LIGHT BLUE IN COLOR)	70	52		13.3	2 / L3.1
			■	POP UP TURF ROTOR	HUNTER	I-40-04-SS- 13 (NOZZLE LIGHT BLUE IN COLOR)	70	52		13.3	2 / L3.1

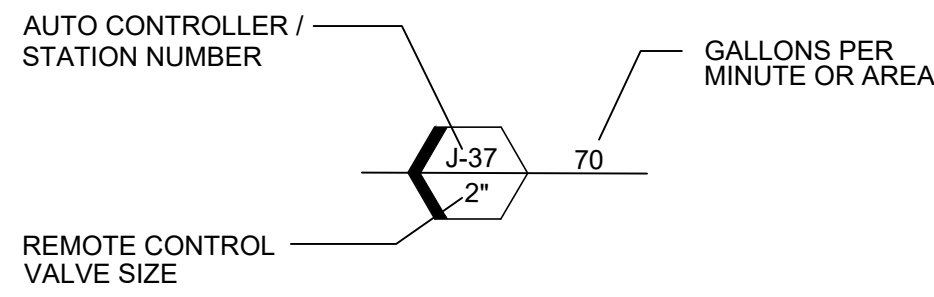
PROJECT KEY NOTES

- A IRRIGATION P.O.C. 'A' - INSTALL NEW 1" SCH. 40 PVC IRRIGATION MAINLINE AND 1" QUICK COUPLER ON NORTH SIDE OF NEW CONCRETE DRAINAGE V-SWALE: EXCAVATE AND EXPOSE THE (E) 1" SCH. 40 PVC IRRIGATION MAINLINE AS IT ORIGINATES FROM THE (E) 3" PVC IRRIGATION MAINLINE. THIS 1" PVC MAINLINE SEGMENT SUPPLIES WATER TO A 1" QUICK COUPLER LOCATED AT THE APPROXIMATE LOCATION ILLUSTRATED ON THE IRRIGATION PLAN. DUE TO THE NEW CONCRETE DRAINAGE V-SWALE CONSTRUCTION, THIS MAINLINE SEGMENT AND QUICK COUPLER WILL BE COMPROMISED. CUT EXPOSED 1" PVC IRRIGATION MAINLINE SEGMENT CLOSE TO WHERE IT ORIGINATES FROM THE (E) 3" PVC IRRIGATION MAINLINE. INSTALL NEW 1" SCH. 80 PVC FITTINGS AND NEW 1" SCH. 40 PVC PIPING TO EXTEND MAINLINE FROM THE POINT OF CONNECTION INTO THE (E) LAWN AREA APPROXIMATELY 5'-0" OFFSET FROM THE EDGE OF THE NEW CONCRETE V-SWALE. TRENCH PARALLEL TO THE NEW CONCRETE V-SWALE AND INSTALL NEW 1" SCH. 40 PVC MAINLINE TO THE LOCATION WHERE THE PREVIOUS 1" QUICK COUPLER HAD BEEN LOCATED. INSTALL A NEW 1" QUICK COUPLER AT THIS LOCATION IN A NEW VALVE BOX AS PER IRRIGATION DETAILS. SALVAGE AND RETURN THE OLD 1" QUICK COUPLER TO THE PVSD REPRESENTATIVE.
- B REPLACE (E) TURF ROTORS BEING REMOVED DUE TO NEW CONCRETE DRAINAGE V-SWALE CONSTRUCTION WITH NEW ROTORS ON NORTH SIDE OF SWALE - SPACED TO MATCH ORIGINAL ROTOR LAYOUT. FIELD VERIFY THE EXACT LOCATIONS OF THE TURF ROTORS LOCATED ALONG THE EDGE OF THE (E) ASPHALT PAVEMENT. NOTE THESE LOCATIONS FOR FUTURE TURF ROTOR REPLACEMENT. REMOVE AND SALVAGE THE (E) POP UP HUNTER I-40 TURF ROTORS. RETURN THE USED ROTORS TO THE PVSD REPRESENTATIVE. THE NEW CONCRETE DRAINAGE SWALE CONSTRUCTION WILL DESTROY THE (E) TURF ROTOR LATERALS INSTALLED PARALLEL WITH THE EDGE OF THE PAVEMENT. REMOTE CONTROL VALVES 'J-22' AND 'J-37' ARE LOCATED OUTSIDE OF THE NEW CONSTRUCTION WORK AND WILL BE PROTECTED IN PLACE. TRENCH AND INSTALL NEW SCH. 40 PVC LATERALS, SIZED AS PER IRRIGATION PLAN, AND INSTALL NEW HUNTER I-40' POP UP TURF ROTORS ON NORTH SIDE OF NEW CONCRETE SWALE TO REPLACE THE PART CIRCLE TURF ROTORS REMOVED DUE TO NEW CONSTRUCTION. SPACE THE TURF ROTORS APART FROM EACH OTHER MATCHING THE ORIGINAL LAYOUT. ENSURE THAT THE NEW ROTORS ARE ADJUSTED TO DISTRIBUTE WATER OVER THE TURF AREA AND PREVENT OVER SPRAY ONTO ANY ADJACENT PAVING OR FENCING.
- C REMOVE THE (E) FULL CIRCLE POP UP HUNTER I-40 TURF ROTOR IDENTIFIED ON THE IRRIGATION PLAN - REPLACE IT WITH A NEW FULL CIRCLE HUNTER I-40 POP UP TURF ROTOR REPOSITION 5'-0" NORTH OF ORIGINAL LOCATION: THE ADDITION OF THE NEW 3'-0" WIDE CONCRETE DRAINAGE V-SWALE WILL REDUCE THE AREA OF IRRIGATED TURF ADJACENT TO THE ASPHALT PLAYGROUND AREA. TO MINIMIZE THE AMOUNT OF IRRIGATION WATER OVER SPRAYING ONTO TO THE NEW ASPHALT EDGE AND CONCRETE DRAINAGE V-SWALE, THE FULL CIRCLE TURF ROTORS WILL NEED TO BE MOVED 5'-0" IN A NORTHERLY DIRECTION AND RECONNECTED TO THE ORIGINAL BURIED PVC LATERAL PIPING. FIELD VERIFY THE EXACT LOCATION OF THE (E) HUNTER I-40 POP UP TURF ROTORS IDENTIFIED ON THE PLANS. EXCAVATE AND EXPOSE THE (E) POP UP TURF ROTOR BODY AND LATERAL TO DETERMINE LATERAL LAYOUT UNDER THE SOIL. MEASURE 5'-0" FROM THE (E) TURF ROTOR LOCATION ALONG THE (E) BURIED PVC LATERAL AND MARK WITH FLAG. EXCAVATE AND EXPOSE THE (E) BURIED LATERAL AT THIS POINT. CUT (E) PVC LATERAL AND INSTALL A NEW 1" SWING JOINT ASSEMBLY WITH A NEW HUNTER I-40 POP UP TURF ROTOR. ADJUST TURF ROTOR RADIUS TO PREVENT EXCESSIVE OVER SPRAY ONTO ANY ADJACENT PAVING OR FENCING.

IRRIGATION SLEEVING SCHEDULE

ALL SLEEVES TO BE INSTALLED 24" BELOW GRADE	
MAINLINE OR / LATERAL PIPE SIZE	SLEEVE SIZE REQUIRED
1/2" SCH. 40 PVC	1-1/2" SCH. 40 PVC
3/4" SCH. 40 PVC	1-1/2" SCH. 40 PVC
1" SCH. 40 PVC	2" SCH. 40 PVC
1-1/4" SCH. 40 PVC	2-1/2" SCH. 40 PVC
1-1/2" SCH. 40 PVC	3" CLASS 200 PVC
2" CLASS 315 / SCH. 40 PVC	4" CLASS 200 PVC
2-1/2" CLASS 315 / SCH. 40 PVC	4" CLASS 200 PVC
3" CLASS 315 / SCH. 40 PVC	6" CLASS 200 PVC
4" CLASS 315 / SCH.40 PVC	6" CLASS 200 PVC

(E) REMOTE CONTROL VALVE KEY



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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

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REVISIONS		NO.	DATE	BY	DESCRIPTION
		1	3-11-25	JB	ADDENDUM NO. 1



CLIENT
PLEASANT VALLEY
SCHOOL DISTRICT
600 TEMPLE AVE.
CAMARILLO, CA 93010

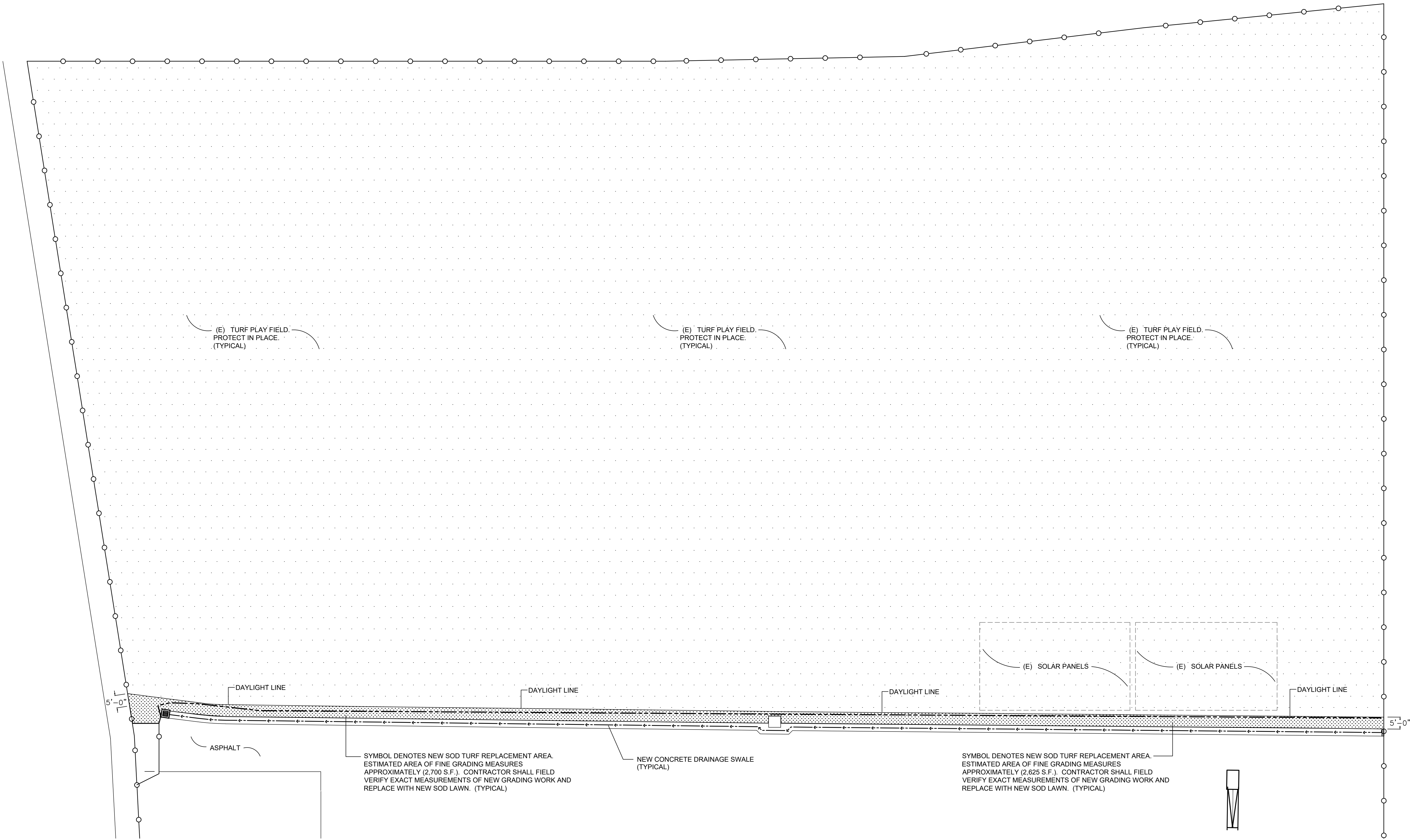
PROJECT
DOS CAMINOS ELEMENTARY SCHOOL
PAYEMENT REHABILITATION PROJECT
3635 APPIAN WAY
CAMARILLO, CA 93010

SHEET TITLE	ML / JB	JB
IRRIGATION LEGEND		
DRAWN:		
CHECKED:		
CLIENT REV.:		

DRAWING

L1.2

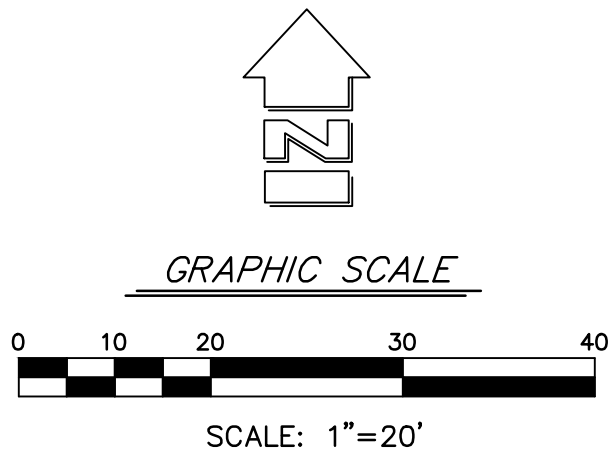
SHEET 2 OF 4
PROJECT No. 25.05



LEGEND AND NOTES:

SYMBOL	DESCRIPTION
NO SYMBOL	(E) TURF - PROTECT IN PLACE DURING CONSTRUCTION
	SOUTHLAND SOD MARATHON II: ROTOTILL AND PREP FOR NEW SOD LAWN INSTALLATION IN AREAS WHERE DAMAGE HAS BEEN CAUSED TO (E) TURF DURING GRADING AND NEW CONSTRUCTION WORK. SOD TURF: FINE GRADE TO MATCH EXISTING ADJACENT TURF TO CREATE SMOOTH UNIFORM SURFACE SUITABLE FOR PEDESTRIAN USE AND LAWN MOWING OPERATIONS. FINE GRADE SHALL BE KEPT 2" BELOW FINISH ADJACENT PAVED SURFACES OR AS PER CIVIL ENGINEER'S PLANS. (TYPICAL)
	(E) PLAYFIELD TURF - PROTECT IN PLACE (TYPICAL)

- PROJECT NOTES
- SOD LAWN REPLACEMENT FOR PROJECT:
NEW SOD LAWN HAS BEEN ILLUSTRATED BY THE LANDSCAPE ARCHITECT FOR AREAS THAT ARE EXPECTED TO BE COMPLETELY DESTROYED BY NEW GRADING OPERATIONS. 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. THE ILLUSTRATIONS PROVIDED ARE ESTIMATES BY THE LANDSCAPE ARCHITECT AND MAY NOT INCLUDE ALL DAMAGE TO THE (E) LAWN AREAS. 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.



UNDERGROUND SERVICE ALERT

CALL BEFORE YOU DIG

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

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REVISIONS	NO.	DATE	BY	DESCRIPTION
	A	3-11-25	JB	ADDENDUM NO. 1



CLIENT
PLEASANT VALLEY
SCHOOL DISTRICT
600 TEMPLE AVE.
CAMARILLO, CA 93010

SHEET TITLE
PLANTING PLAN

PROJECT
DOS CAMINOS ELEMENTARY SCHOOL
PAYEMENT REHABILITATION PROJECT
3635 APPIAN WAY
CAMARILLO, CA 93010

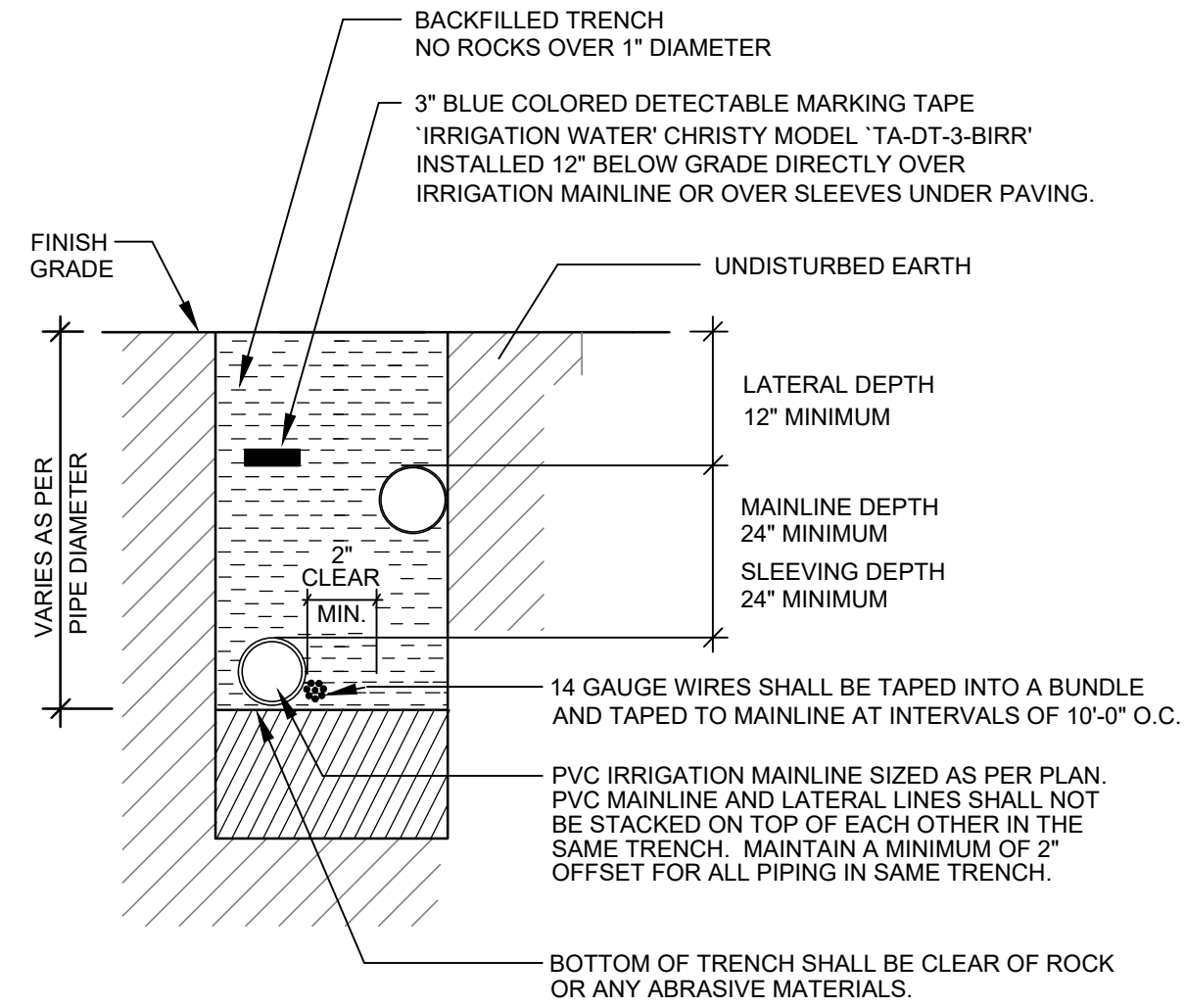
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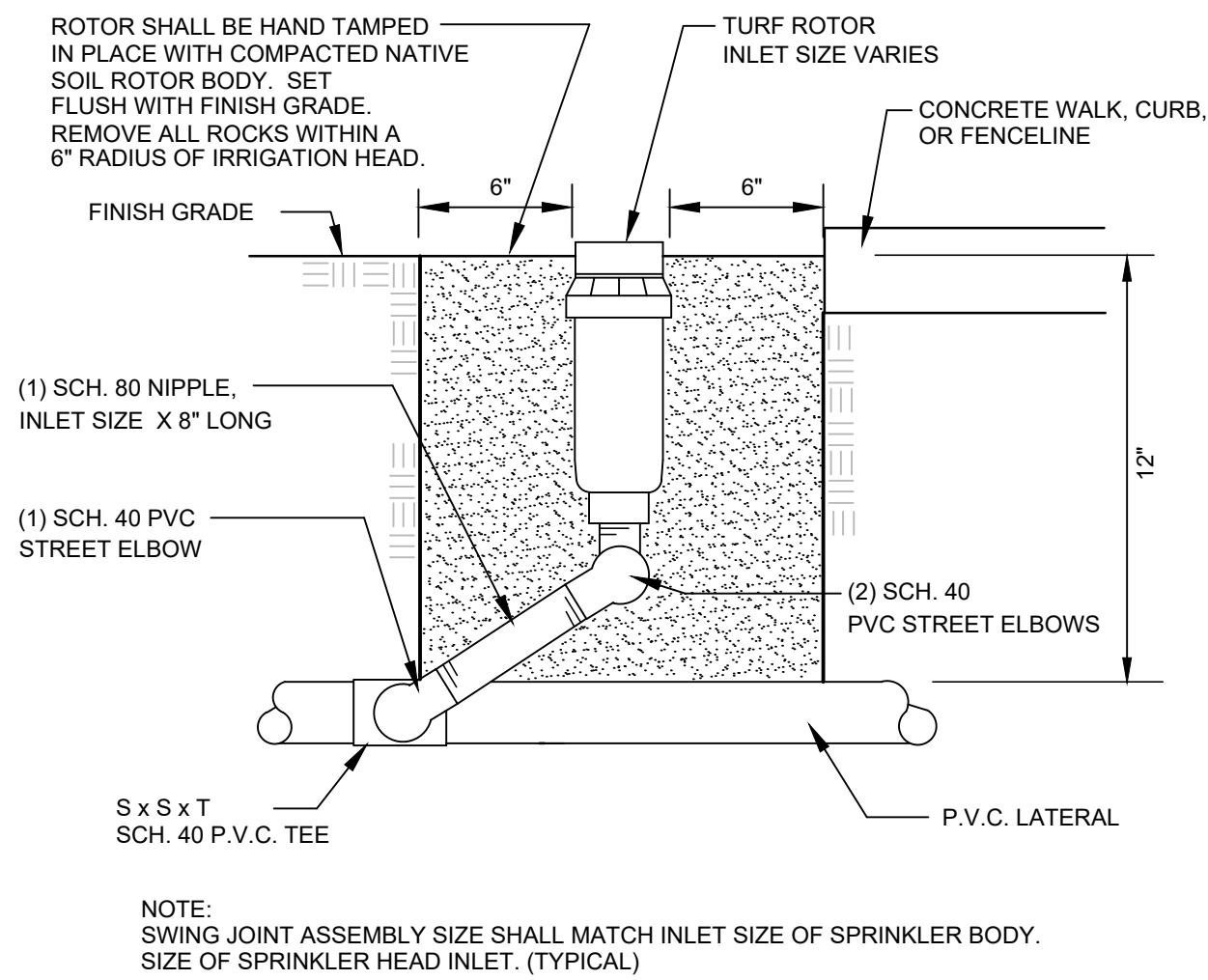
L2.1

SHEET 3 OF 4
PROJECT No. 25.05

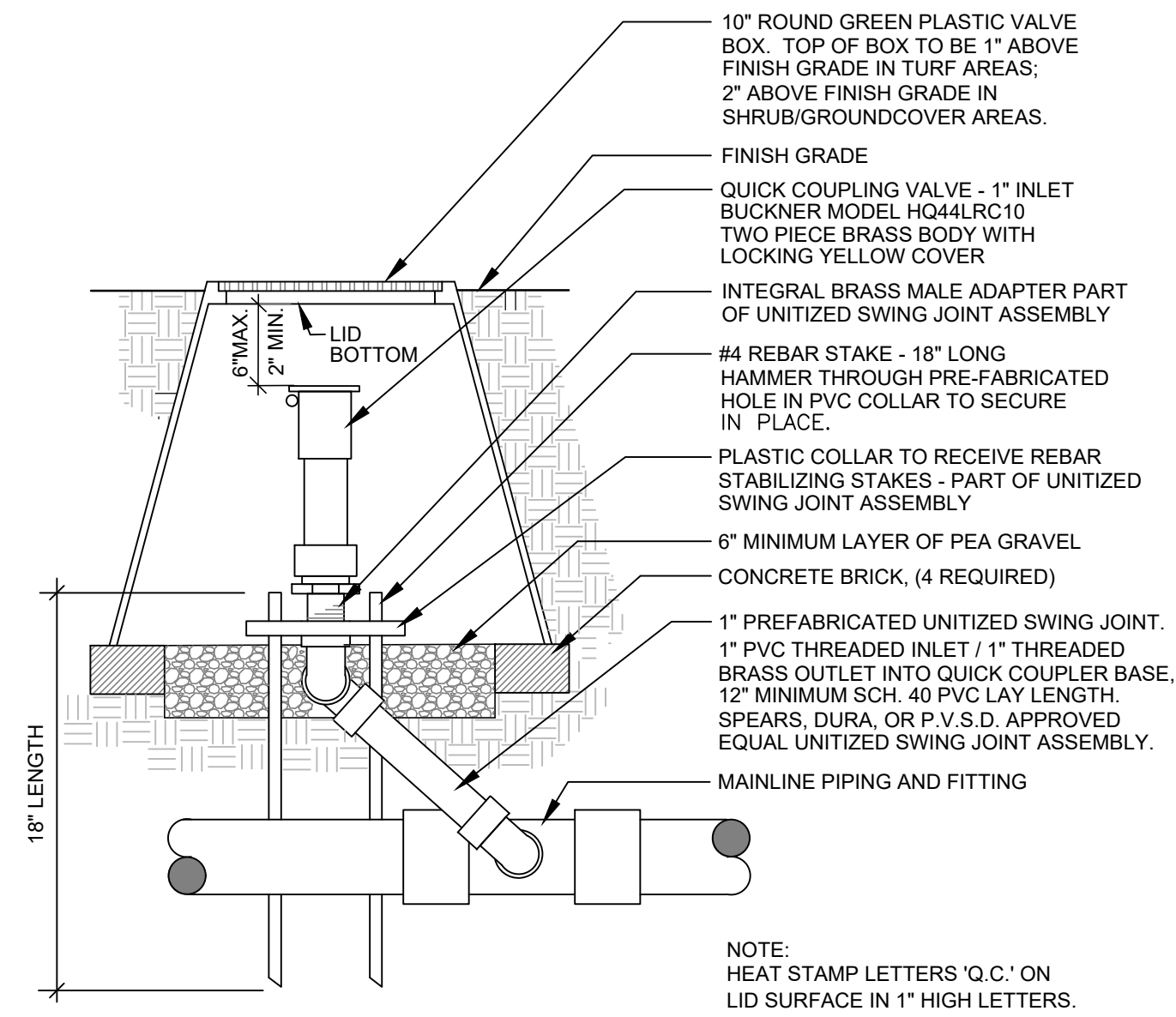
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NOT TO SCALE



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N.T.S.



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CLIENT

PLEASANT VALLEY
SCHOOL DISTRICT
600 TEMPLE AVE.
CAMARILLO, CA 93010

SHEET TITLE

LANDSCAPE DETAILS

PROJECT
DOS CAMINOS ELEMENTARY SCHOOL
PAVEMENT REHABILITATION PROJECT

3635 APPIAN WAY
CAMARILLO, CA 93010

[illegible]

DRAWING

L3.1

SHEET 4 OF 4

PROJECT No. 25.05

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