



**CITY OF GRASS VALLEY
ENGINEERING DIVISION**

ADDENDUM NO. 1

**NOTICE TO CONTRACTORS,
SPECIAL PROVISIONS, AND
CONSTRUCTION CONTRACT**

AND

**PROPOSAL AND
BIDDER'S CERTIFICATES**

FOR

**CDBG MEMORIAL PARK FACILITIES IMPROVEMENT
PROJECT, PROJECT NO. 20-05**

BID OPENING – THURSDAY APRIL 15, 2021, AT 3:30PM

**ALL ADDENDA MUST BE SIGNED AND RETURNED
WITH THE BIDDER'S PROPOSAL IN ORDER FOR THE
BID TO BE CONSIDERED RESPONSIVE.**

ADDENDUM NO. 1

**PROJECT: CDBG MEMORIAL PARK FACILITIES IMPROVEMENT PROJECT
PROJECT NO. 20-05**

BID OPENING: THURSDAY APRIL 15, 2021, AT 3:30PM

REVISIONS TO NOTICE TO CONTRACTORS:

1. Page 1, paragraph one. Modify the paragraph to read:

“Bids will be received at the City of Grass Valley, Engineering Division, 125 East Main Street, Grass Valley, CA 95945 until **3:30 P.M. on April 15, 2021**, at which time they will be publicly opened and read aloud at said address.”

2. Page 1, GENERAL WORK DESCRIPTION, paragraph four. Modify the paragraph to read:

“The time of completion shall consist of 250 Working Days”

REVISIONS TO SPECIAL PROVISIONS:

1. Page 9, Section 2 “Bidding”, Replace Section 2-1.03 “Subcontractor List” in its entirety with the following:

Contractor’s attention is directed to the requirements of “Subcontractor List” of the Standard Specifications, the Proposal, and these Special Provisions.

For each Subcontractor required to be listed, the Subcontractor List included in the proposal must show the **name and place of business, California contractor license number and Public Works contractor registration number** of each Subcontractor to whom the bidders proposes to directly subcontract portions of the work.

Additionally, if not otherwise included in the Subcontractor List submitted with the bid, the prime contractor shall submit a completed Subcontractor List within 24 hours of the bid opening setting forth the bid item number and percentage of the item work that will be done by each Subcontractor listed.

A sheet for listing the subcontractors, as required herein, is included in the Proposal.

2. Page 11, Section 4 “Beginning of Work, Time of Completion and Liquidated Damages”. Modify the number of working days specified in Section 4-1.01 “General” to read:

“250 Working Days”

3. Pages 72 through 85, Section 10 “Construction Details”. “Replace Section 10-1.51 “Painted Court Markings” through Section 10-1.80 “Softball Field Restoration (Bid Alternate #2)” in entirety with the attached sections. Various changes included to building descriptions, construction materials and production of show drawings. Inclusion of optional Corkonut infill for “Softball Field Artificial Turf Installation”. Addition of Section 10-1.60 “Permit Coordination”

REVISIONS TO CONSTRUCTION CONTRACT:

1. Page 2, Article 4 “Time for Performance – Liquidated Damages”. Modify the second sentence of Article 4.1 to read:

“The CONTRACTOR shall complete all work required by the Contract within **two hundred fifty working days** after said commencement date, as adjusted and provided for in the Contract Documents.”

REVISIONS TO PROPOSAL:

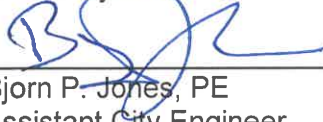
1. Replace all pages in entirety with the attached revised Proposal package. References to Bid Opening Date changed to April 15, 2021. List of Subcontractors page modified to simplify listing of subcontractor information. Equal Employment Opportunity Certification modified to require certification from the prime contractor and prime contractor declaration *on behalf* of sub-contractors.

REVISIONS TO CONSTRUCTION PLANS:

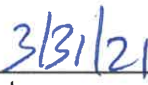
1. Sheet 1, Sheets 3 through Sheet 6, and Sheet 19. Replace the sheets in their entirety with the attached revised sheets. Remove reference to pool details. Modify the Activity Pool layout and cross sections. Move Seat Retaining Wall detail to sheet 19.
2. Sheets 7 through Sheet 9. Delete all pool details from the bid plan set.

END OF REVISIONS

Issued By:



Bjorn P. Jones, PE
Assistant City Engineer



Date

I HAVE READ AND UNDERSTAND THIS ADDENDUM

Signature

Bidder

10-1.51 PAINTED COURT MARKINGS

Painting of game lines shall be performed after curing of all color coatings and shall be applied in conformance with the provisions in "Traffic Stripes and Pavement Markings," of the Standard Specifications and these Special Provisions.

The surface to which the paint is to be applied must be dry, smooth, free of dirt, loose or flaking paint and any other debris or foreign material. Line painting shall only be performed when the temperature is at least 50° F and rising and shall not be placed when rain is present or likely.

Game lines shall be 2" wide, lightly textured acrylic latex paint, accurately located and marked in accordance with rules and recommendations of the USA Pickleball Association Tennis Association (USAPA) and the International Basketball Federation (FIBA). The Engineer shall approve the finished court surfacing and final layout prior to any line painting. Line painting shall be performed with a brush or roller, using masking tape to ensure crisp edges, in accordance with the manufacturer's recommendations. At no time should the playing lines or the line dimensions vary more than 1/4" from the exact measurement.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for performing all the work involved in painting of game lines, complete in place as specified in these Special Provisions, and as directed by the Engineer, shall be included in the contract lump sum price paid for "Painted Court Markings" and no additional compensation will be allowed therefore.

10-1.52 PICKLEBALL NET ASSEMBLY

This work shall consist of a complete permanent pickleball net assembly, including, posts, net, center strap anchor and center strap as shown on the plans or as directed by the Engineer. The posts and net, including a center strap, shall be set, installed and adjusted conforming to USAPA specifications.

Pickleball net assembly parts and components shall be "Premier" or "Deluxe" standard, manufactured for durability, weather resistance and suitable to withstand the rigors of a public outdoor environment.

Net posts shall be Douglas RD-36, or approved constructed of 3" heavy duty round steel with a thick, baked-on, green polyester powder coat finish. The posts shall be mounted in sleeves set in a minimum 3-foot deep concrete foundation, poured against stable undisturbed soil. The footing diameter shall be 2" circular at the top, extending to 2'-6" at the bottom. The top of the sleeve shall be set flush with the court surface and square with the playing area.

A center strap ground anchor shall be provided, made from non-corrosive metal pipe, not less than 9" in length and 1-1/2" in diameter. A non-corrosive 1/4" o.d. pin shall be centered through the pipe 1/4" to 3/8" below the opening for the purposes of attaching a center strap hook. The center strap anchor shall be set in concrete footings measuring 1-foot in diameter by 1-foot deep. The cross pin in the ground anchor must be flush with the court and parallel to the net.

Pickleball nets shall be Douglas Deluxe, or approved equivalent, super-durable 3.mm net .

The center strap shall be water resistant white strap with conventional metal webbing slides.

Full compensation for furnishing all labor, materials (including nets, posts, sleeves and anchors) tools, equipment, and incidentals and for doing all the work involved in installing a complete net assembly shall be included in the price paid for each "Pickleball Net Assembly," and no additional compensation will be allowed therefore.

10-1.53 BASKETBALL HOOP AND POST ASSEMBLY

This work shall consist of the installation of a complete permanent basketball hoop and post assembly including, the following components; 18" diameter steel hoop painted orange with flex goal system and nylon net, 42" x 72" galvanized steel backboard, a 6-5/8" diameter galvanized steel post embedded in a 20" diameter, 48" deep concrete foundation.

The assembly shall meet or exceed the standards of the First Team Tyrant Excel Basketball Goal (72" Steel Model) and shall satisfy the geometry shown on the plans.

Full compensation for furnishing all labor, materials tools, equipment, and incidentals and for doing all the work involved in installing a complete hoop and post assembly shall be included in the price paid for each "Basketball Hoop and Post Assembly," and no additional compensation will be allowed therefore.

10-1.54 LEAN-TO STORAGE ENCLOSURE

This work shall consist of the construction and erection of a lean-to storage enclosure abutting the pool mechanical building.

The Contractor's attention is directed to "Chain Link Fence and Gate" and of these provisions.

The basic design and functionality of the enclosure shall be as shown on the plans, consisting of a steel frame, metal roof and siding, fenced enclosure. The contractor may propose alternate construction methods as needed to fit site conditions and simplify construction, including a pre-fab system as optional. The enclosure shall provide limited weather protection from above and on the sides, with a lockable gated access to store and secure pool equipment.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in the construction of a storage enclosure, including, but not limited to, grading, excavating, setting of posts and

anchors, assembly, welding, construction and finishing as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer shall be included in the contract lump sum price paid for “Lean-To Storage Enclosure” and no additional compensation will be allowed.

10-1.55 MAINTENANCE BUILDING

This work shall include the production of shop drawings, construction and erection of a permanent maintenance building and concrete pad as shown on the plans and as directed by the Engineer.

The Contractors attention is directed to “Concrete”, “Reinforcement”, “Paint” and “Building Construction” of the Standard Specifications and these Special Provisions.

The basic design and layout of the enclosure shall be as shown on the plans, consisting of a roughly 12’ by 20’ wood framed structure. The contractor may propose alternate construction methods as needed to fit site conditions and simplify construction, including a pre-fab unit as optional. Light frame construction methods shall be followed per California Building Code and the contractor shall submit simple construction plans to be followed or a manufacturer provided certification of pre-fab unit.

Interior wall height shall be 7’-4” minimum. The roof shall be simple gable style, metal panels with a minimum pitch of 4/12. Exterior finishing shall include painted, engineered smart siding and trim. The structure shall be permanently anchored into a concrete pad using wet set galvanized anchor and washers.

A subpanel shall be installed to provide a minimum of one 20amp plugs and lights circuit, and one 20amp equipment circuit. Switch controlled LED lighting with motion sensing shall be provided and electrical receptacles shall be provided throughout.

Full compensation for furnishing all labor, materials (including concrete), tools, equipment, and incidentals and for doing all the work involved in the installation of the maintenance shed, including, but not limited to, excavation, subgrade preparation, forming, constructing and finishing concrete slab, and installation of shed and metal roof shall be included in the contract lump sum price paid for “Maintenance Building” and no additional compensation will be allowed.

10-1.56 RESTROOM BUILDING

This work shall include the production of shop drawings, construction and erection of a public restroom building as shown on the plans. The contractor shall obtain all necessary building permits and adhere to all local building, fire, and Title 24 codes. All work shall be furnished and installed using commonly accepted industry practices. Prefabricated construction methods are preferred although the contractor may propose alternate construction methods as needed to fit site conditions and simplify construction.

The restroom building shall include 24 GA. corrugated metal roofs supported by HSS trusses. Steel trusses shall include steel vent frame screens at the exteriors. Floors shall be broom finished concrete. Framing and walls shall be reinforced concrete masonry unit walls (CMU 4” x 8” x 16”) fully grouted, anchored to the concrete foundation and with exterior decorative sidings and painted interiors. All decorative sidings, exterior finishes, textures, and color schemes, including wood lap siding, wood trim, manufactured stone wainscot and corrugate metal, shall be of similar style as existing park restrooms facilities to remain. All proposed finishes, textures, and colors shall be submitted to and approved by the engineer before construction. Restroom exteriors shall include two stainless steel drinking fountains and one bottle filler in the exterior building alcove.

The restroom building shall include an electric water heater capable of supplying hot water to all interior sinks and shall include interior and exterior LED lighting adhering to Title 24 requirements. The restroom building will have two unisex bathrooms as shown on the plans. Doors shall be stainless steel units with deadbolt locking systems and appropriate Title 24 restroom signage. Plumbing fixtures shall be wall mounted, Penal grade, 14G 316-Stainless Steel. Each unisex restroom shall include one toilet, one handwashing sink with mirror, soap dispenser, electric hand dryer. They shall also include and a baby changing table and a wall mounted stainless steel waste bin. All toilets shall ADA stainless steel grab bars and have three roll stainless steel wall mounted toilet paper holders adjacent to them. Toilets shall meet or exceed the specifications of the Penal-Ware 1675 Series off floor toilets. Lavatories shall meet or exceed the specifications of the Penal-Ware 1652FALRB Series 18” lavatories with rectangular bowls. All plumbing fixtures shall be submitted to and approved by the engineer prior to construction. Building utilities shall be installed via the utility chase identified on the plans. Each floor of the restroom shall include a floor drain with ADA compliant slopes directing water to the drainage system. The utility chase shall include a wall mounted hose and reel.

The final design is to be determined through consultation with the Engineer. All final designs shall be submitted to and approved by the Engineer prior to construction.

The Contractors attention is directed to “Concrete”, “Reinforcement”, “Paint” and “Building Construction” of the Standard Specifications and these Special Provisions.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and furnishing and doing all the work involved in the design and construction of the restroom building including, but not limited to: structural and architectural drawing production, subgrade preparation and leveling, aggregate installation and compaction, utility hookups,

forming and constructing concrete, constructing steel frames and CMU walls. Installing all lighting and plumbing, concrete finishing, grooving and stamping, shall be included in the contract lump sum price for "Restroom Building" and no additional compensation will be allowed.

10-1.57 REHABILITATE LAWN

This work shall consist of rehabilitating existing lawn areas through resodding as shown on the plans or as directed by the Engineer.

The Contractor's attention is directed to "Park Demolition and Removal", "Landscape Irrigation", and "Landscape" of the Standard Specifications and these Special Provisions.

Lawn irrigation system shall be installed, tested and adjusted prior to sod placement.

Resodding fields shall consist of removing existing vegetation, rotary tilling, amending, fertilizing, grading conforms to new installations as necessary, leveling, compacting, moistening the prepared areas, laying new sod, and rolling the newly sodded areas. All sod shall match existing.

All landscaping work shall be performed using commonly accepted industry practices and shall conform to the provisions in "Landscape" of the Standard Specifications. Landscaping includes all work necessary for the successful establishment and long term health of the sodded areas.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved including, but not limited to, soil preparation, placing sod and maintaining sod through initial establishment, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer shall be included in the contract price paid per square foot for "Rehabilitate Lawn" and no additional compensation will be allowed.

10-1.58 LANDSCAPING

This work shall consist of placing wood chip mulch material or ground cover plantings in all uncovered disturbed areas as shown on the plans or as directed by the Engineer.

Mulch shall be woody material in conformance with the requirements of "Mulch," of the Standard Specifications. Woody materials shall consist of shredded cedar or redwood materials or clean processed cedar or redwood wood products. Deleterious materials such as rocks, glass, plastics, metals, clods, weeds, weed seeds, coarse objects, sticks larger than the specified particle size, salts, paint, petroleum products, pesticides or other chemical residues that would be harmful to plant or animal life shall not exceed 0.1 percent of the mulch volume.

At least 95% by volume of mulch material shall equal State Standard Specification particle size or 0.5 – 3 inches in length and not less than 0.5 inches in width and 0.125 inches in thickness.

Mulch shall be placed and spread from the outside of the proposed plant basin to the adjacent edges of shoulders, curbs, sidewalks, fences, plastic header board, and existing plantings to a uniform depth of approximately 3 inches.

Ground cover plantings shall be Vinca Minor "Dwarf Periwinkle". Planter areas to receive ground cover shall be prepared by first removing all weeds and objectional material. Planting holes shall be selected at approximately 12" spacing, loosened 3-4" deep and amended with compost. Periwinkle plugs shall be planted in prepared holes, backfilled with amended soil and thoroughly watered.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in the installation of mulch, including, but not limited to placing, leveling, and spreading mulch in planter areas, as shown on the plans, as specified in the Standard Specifications, the Special Provisions, and as directed by the Engineer shall be included in the contract lump sum price paid for "Landscaping" and no additional compensation will be allowed therefore.

10-1.59 SOFTBALL FIELD ARTIFICIAL TURF INSTALLATION

This work consists of the installation of complete artificial turf softball ball field system as shown on the plans or as directed by the Engineer.

The Contractor's attention is directed to "Park Demolition and Removal" of these provisions for details regarding the removal of existing vegetation and irrigation systems.

The construction plans show the overall layouts, general schematics and basic elements of the artificial turf facility desired by the City. The contractor shall employ the services of a professional Designer to confirm and finalize all aspects of the artificial turf system design, layout, and specifications.

Installation of the turf softball field includes all earthwork, drainage system construction, geotextile placement, installation of base courses, installation of shock pad and synthetic turf. All work shall be furnished and installed using commonly accepted industry practices.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in artificial turf field installation shall be included in the contract lump sum price for "Softball Field Artificial Turf Installation" and no additional compensation will be allowed. Section 9-1.06 "Changed Quantity Payment Adjustments" of the Standard Specifications shall not apply to this Bid Item. The Contractor is made aware that this item is subject to deletion

if bid alternate item “Softball Field Restoration” is accepted as the preferred contract work, or if no softball field work is directed to be done under this contract. It is understood that direction to proceed with the bid alternate “Softball Field Restoration” would include deletion of this “Softball Field Artificial Turf Installation” bid item.

10-1.59.1 TURF FIELD DEMOLITION AND EARTHWORK

Turf field demolition and earthwork includes, but is not limited to removal of existing irrigation system, removal and disposal of existing grass surfacing, topsoil stripping, excavating, stockpiling, and replacement, rough grading, filling, leveling, final grading and compacting, and preparing the subgrade suitably to install synthetic turf.

The Contractor’s attention is directed “Earthwork” of these provisions.

Areas identified on the plan to receive turf shall have the top 12” layer compacted to at least 95 percent relative compaction and shall be non-yielding to construction traffic. Removal and subsequent replacement of some material (i.e. areas of excessively wet materials, unstable subgrade, or pumping soils) may be required to obtain the minimum 95 percent compaction

Full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in turf field earthwork shall be included in the contract lump sum price for “Softball Field Artificial Turf Installation” and no additional compensation will be allowed.

10-1.59.2 TURF FIELD GEOTEXTILE FILTER FABRIC

The contractor shall provide geotextile fabric as shown on the plans. Fabric shall conform with the following minimum specifications.

Property	Test Method	Value
Grab Strength	ASTM D 4632	80 lb
Puncture Strength	ASTM D 4833	25 lb
Burst Strength	ASTM D 3786	130 ln
Trapezoid Tear	ASTM D 4533	25 lb
Permeability	ASTM D 4491	0.1 cm/sec
Apparent Opening Size	ASTM D 4751	#50 Sieve Size
Permittivity	ASTM D 4491	

Geotextile filter fabric shall be installed with 6” overlap and stapled 6’ on-center along seams. Staples are to be 6” staples

Full compensation for furnishing all labor, materials (including pipe and backfill material), tools, equipment, and incidentals, and for doing all the work involved in the installation of turf field geotextile filter fabric as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer shall be included in the contract lump sum price for “Softball Field Artificial Turf Installation” and no additional compensation will be allowed.

10-1.59.3 TURF FIELD DRAINAGE SYSTEM

The contractor is to propose and construct a drainage system capable of adequately draining the entire softball field leaving no areas of standing water. The drainage system shall include softball field grades with a minimum of 1% slope in all directions, perforated subdrain lines and solid wall storm drain lines as required. All drainage shall be directed into the existing drainage infrastructure identified on the plans.

Perforated subdrain drainage pipe shall be high density polyethylene pipe (HDPE) 12” ADS pipe or as otherwise approved by the Engineer.

Solid wall storm drain drainage pipe shall be either high density polyethylene pipe (HDPE) or poly vinyl chloride (PVC) pipe and shall be circular, with smooth interior walls and a diameter as shown on the plans. HDPE pipe shall be Type S with corrugated exterior walls, as shown on the plans or as directed by the Engineer.

Drainage pipe shall be furnished and installed in conformance with the provisions of Section 64 “Plastic Pipe” of the Standard Specifications and these Special Provisions.

Subdrain trench drain rock Shall be ¾” x ½” crushed virgin (i.e. un-recycled) rock, and shall meet the following general graduation requirements.

Sieve Size	% Passing
1”	100
¾”	90-100
½”	10-40
3/8”	0-15
#4	0-5

The subdrain rock profile will extend from the bottom of the trench to the top of both sides of the subdrain trench, and to the top of rock elevation. For planarity purposes, a clean uniform 3/8" minus crushed stone material may be installed over the subdrain trench profile (max thickness one inch for this stone layer)

Attention is directed to Section 19, "Earthwork," of the Standard Specifications for requirements regarding structure excavation, trenching and shoring, and backfill.

Full compensation for furnishing all labor, materials (including pipe and backfill material), tools, equipment, and incidentals, and for doing all the work involved in the installation of drainage pipe, including, but not limited to excavating, placing, joining, backfilling, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer shall be included in the contract lump sum price for "Softball Field Artificial Turf Installation" and no additional compensation will be allowed.

10-1.59.4 TURF FIELD AGGREGATE BASE

This work shall include the placement and compaction of aggregate base in areas identified on the plan to receive turf that are outside the area of the subdrain trenches. The permeable base rock shall not be installed over the subdrain trench rock. Material shall be placed in 6" maximum lifts unless otherwise stated and compaction shall be at least 90-92% relative compaction.

Aggregate base shall be Class 2, (3/4 inch) maximum grading, and shall conform to the provisions in Section 26, "Aggregate Bases," of the Standard Specifications and these Special Provisions. Aggregate base shall be processed to 95% relative compaction.

Do not store reclaimed asphalt concrete or aggregate base with reclaimed asphalt concrete within 100 feet measured horizontally of any culvert, watercourse, or bridge.

Aggregate base shall not contain volcanic cinder material.

Aggregate base shall have at least 80% of the rock having two or more fractured surfaces evident.

If the required compacted depth of the base course exceeds 6", the base stone course shall be constructed in 2 or more layers or lifts of approximate equal thickness. Each layer must achieve a uniform 90% relative compaction. No compaction of greater than 93% relative compaction should be achieved.

Top of rock elevations shall be verified using laser-operation survey instruments. Refer to Conformance Surveying specifications for requirements. Contractor shall manually screed the top stone surface to ensure tolerances are met. Finish surface planarity shall be verified, and if necessary adjusted, by the Contractor using string line method. A mason's line held taught between two workmen separated by a distance of approximately 40 feet, shall be placed directly on the finished surface, parallel to the direction of greatest slope. A third workman shall check for separations between the mason's line and the finished surface that are equal to or greater than the specified tolerances. Areas of separation shall be outlined with marking paint and the depth of separation indicated. Entire finished surface shall be "walked" with mason's line in increments of approximately 3 feet. The final finished surface planarity shall be approved by the City Inspector and the Synthetic Turf Installer.

Once the top of the permeable rock base is installed and compacted, the Contractor shall conduct field permeability testing which will consist of a minimum of four controlled field permeability tests per synthetic turf field. Tests shall be by a single ring infiltrometer or equivalent test method. If the test does not achieve a minimum of 20 inches per hour, the Contractor shall provide within 48 hours a written repair procedure to correct the permeability deficiency. All repair work, including any associated delays, shall be the Contractor's sole responsibility. Any fine tuning of the field base due to the testing operations is the responsibility of the Contractor.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in the installation of turf field aggregate base, including, but not limited to, placing, grading and compacting aggregate base as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer shall be included in the contract lump sum price for "Softball Field Artificial Turf Installation" and no additional compensation will be allowed.

10-1.59.5 TURF FIELD SHOCK PAD AND SYNTHETIC TURF

This work includes the installation of the manufactured shock pad, synthetic turf and infill material. All material specs shall be submitted to and approved by the engineer prior to installation.

The manufactured shock pad shall be a Thermagreen 20mm thick shock pad a Hinged Versatile shock pad or an engineer approved equal. The contractor shall take measures to insure that the product is not exposed to the outdoor elements longer than the manufacturer's recommendations. Any product that exceeds this time duration shall be removed from the project site immediately at the contractor's expense. All sections of the shock pad shall be interlocked and/or connected to adjacent pieces in strict conformance with the manufacturer's recommendations.

Synthetic turf shall be polypropylene, or polyethylene fiber blends tufted into a polypropylene backing. Durability, resilience and feel shall meet accepted industry standards and specs for all material shall be submitted to and approved by the engineer.

Synthetic turf infill shall be granular pure cork system or a Corkonut (Coconut Fiber and Cork) and sand infill. Cork particle size shall be 0.8mm to 2.5mm with bulk densities of 8-12.5 LB/CF unless otherwise approved by the engineer.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in the installation of turf field shock pad and synthetic turf, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer shall be included in the contract lump sum price for "Softball Field Artificial Turf Installation" and no additional compensation will be allowed.

10-1.60 PERMIT COORDINATION

This work shall consist of required permit coordination for building and pool construction permits. Building permits will be required from the City of Grass Valley Building Department for the major structural and electrical installations including the Pool Mechanical Building, the Maintenance Building and the Restroom. Permitting of the Community Pool construction will be processed through Nevada County Environmental Health Department.

The City of Grass Valley will waive all City building permit fees. The City will pay all Nevada County permit fees.

The Contractor is responsible for the submittal of all shop drawings, plans, specifications, diagrams and calculations necessary to gain permit approval. Revisions, response to comments and follow up submittals may be required.

The Contractor's attention is directed to Section 4, "Beginning of Work, Time of Completion and Liquidated Damages" Approximately fifty working days are allocated into the project schedule for preparation of permit submittals and building permit approval. If the permit approval process continues beyond fifty days for reasons outside of the Contractor's control, the working days may be suspended or additional days added to the contract at no cost, as agreed upon by the Engineer and the Contractor.

The Engineer will coordinate with the City Building Department regarding items for which inspection may be delegated to Engineering and those items requiring inspection by the Building Official. For building construction inspection, particularly for the proposed pre-fab structures, the primary inspection by the Building Official will be electrical inspections.

The Contractor will coordinate with Environmental Health Department for those items requiring inspection by the County Official and for complying with all conditions of permit approval.

Full compensation for furnishing all labor, materials, and incidentals and for doing all the work involved in coordinating all aspects of the permitting process with City of Grass Valley and Nevada County Departments, as necessary for permit submittal, revision, resubmittal, approval, inspection and otherwise complying with all conditions of approval, shall be considered as included in the contract prices paid for the various items of work requiring permitting and no additional compensation will be allowed.

10-1.61 POOL – FINAL DESIGN, ENGINEERING AND INSPECTION

This work shall consist of the final design, engineering, and specification, as well as the coordination and scheduling of any special inspections for all pool equipment, components, and appurtenances.

The construction plans show the overall layouts, general schematics and basic equipment and functionality of the commercial aquatic facility desired by the City. The contractor shall employ the services of a Professional Engineer/Pool Designer to confirm and finalize all aspects of the pool facility design, included, but not limited to, equipment sizing and specification, treatment methods, chemical storage, control systems, heating system, electrical wiring and interconnection, valving, pipe sizing, pipe layout, inlet and return fitting sizing and placement, surge chamber sizing, and all miscellaneous pool components and appurtenances.

The Designer shall prepare proposed load diagrams, sizing calculations, flow controls, operating methods and a final equipment list and submit to the City for approval by the Engineer. A complete permit ready, pool construction plan set shall be prepared by the Contractor's Designer and submitted for approval, in compliance with Nevada County Environmental Health guidelines and in accordance with California Health and Safety Code, Building Code and Electrical Code. The Contractor's Engineer/Designer shall be the Engineer of Record for Public Swimming Pool design..

Full compensation for furnishing all labor, materials, and incidentals and for doing all the work involved in finalizing all aspects of the pool design, as necessary for a complete, safe, efficient and fully functional commercial aquatic facility shall be included in the contract lump sum price paid for "Pool – Final Design, Engineering, and Inspection" and no additional compensation will be allowed.

10-1.62 POOL – MECHANICAL BUILDING EXTERIOR RESTORATION

This work shall consist of the restoration of the exterior of the existing pool mechanical building as shown on the plans and as directed by the Engineer.

The Contractors attention is directed to "Paint" "Miscellaneous Metal" and "Building Construction" of the Standard Specifications and these Special Provisions.

The existing structure construction is CMU wall, wood framed roof with composite shingle roofing. Restoration work includes replacement of rotted and peeling fascia and trim boards with new Engineered Smart Trim; replacement of rusted grates and vents with new fixtures; caulking of trim and fixtures as necessary; patching of all abandoned wall and roof

penetrations; flashing or sealing of all new penetrations; replacement of the roof material with new 30year composite shingles; and repainting of the entire exterior with two coats of exterior paint, two color contrasting tones to coordinate with other park buildings

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the restoration of the pool mechanical building, including, but not limited to fixture replacement, fascia replacement, roofing, sealing, cleaning, preparing, painting and finishing, shall be included in the contract lump sum price paid for “Pool – Mechanical Building Exterior Restoration” and no additional compensation will be allowed.

10-1.63 POOL – MECHANICAL BUILDING DEMOLITION AND STRUCTURAL

This work shall consist of demolition and removal work and structural improvements to the existing pool mechanical building as shown on the plans and as directed by the Engineer.

The Contractors attention is directed to “Concrete”, “Paint” “Miscellaneous Metal” and “Building Construction” of the Standard Specifications and these Special Provisions.

The existing structure construction is CMU wall, concrete slab with metal access doors and a large roll up equipment door. Equipment is mounted on various pads, brackets, railing and directly anchored to the floor and walls.

All existing equipment, piping, conduit, equipment pads, brackets, anchors, hangers, doors, grates, vents, and appurtenances shall be demolished and removed or salvaged as shown on the plans.

Structural improvements include new dividing wall and ceiling construction, construction of new sections of CMU wall, removal of sections of CMU wall, patching of existing wall penetrations, coring of new wall penetrations installation of new commercial metal doors, vents, and a window, and construction of concrete equipment pads. Also included is saw cutting and removal of existing floor, trenching and excavation as necessary to install new floor drain and sink sewer system and new water service piping.

After demolition and structural improvements all concrete floor and wall surfaces shall be patched to cover and seal all holes, cracks, and spalls. Two coats of a thorseal or equal coating shall be applied to walls and the floor shall be skim coated with a cementitious, polymer modified micro topping.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the demolition and structural improvements of the pool mechanical building, including, but not limited to equipment removal, demolition and construction, trenching and backfill, and surface preparation, coating, sealing and finishing, shall be included in the contract lump sum price paid for “Pool – Mechanical Building Demolition and Structural” and no additional compensation will be allowed.

10-1.64 POOL – MECHANICAL EQUIPMENT

This work shall consist of installation of new and salvaged equipment in the pool mechanical building as shown on the plans and as directed by the Engineer.

The Contractor’s attention is directed to “Pool – Final Design, Engineering and Inspection” of these provisions. Final equipment selection, layout, functionality, interconnection, and installation methods shall be as proposed by the Contractor’s Designer and as approved by the Engineer.

Mechanical equipment work shall include installation of all pumps, filters, UV treatment, gas heaters, solar heating, chemical storage, chemical feeds, water testing, chemical controls, pump controls and all electrical, gas, and piping work, along with all associated valves, gages and appurtenances necessary for a complete fully-functional, and efficient commercial pool mechanical system.

Once installation is complete and equipment is started up, tested, and adjusted, a demonstration and training day shall be scheduled with City maintenance staff to discuss and explain all standard equipment operating methods, maintenance, and troubleshooting.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the installation of pool mechanical equipment, including, but not limited to placing, mounting, anchoring, connecting, plumbing, wiring, testing, adjusting and training, shall be included in the contract lump sum price paid for “Pool – Mechanical Equipment” and no additional compensation will be allowed.

10-1.65 POOL – DECK AND POOL DEMOLITION AND EXCAVATION

This work shall consist of demolition and removal work and excavation of the existing pool and deck area as shown on the plans and as directed by the Engineer.

The existing concrete pool and deck shall be completely removed and disposed of to the limits shown on the plans and as needed to construct the improvements shown. All existing piping, drains, anchors, footings, lights, poles, and miscellaneous components with the pool area shall be removed. Concrete thickness of the existing pool floor and footings is unknown and may require hammering in places to reduce to manageable sizes.

Excavation shall be accurately executed to the limits and depths shown, as needed to construct the two new pools and avoid extraneous concrete. Suitable material that can be salvaged for use as fill and grading in other areas of the pool facility

or within the park may be reused as approved by the Engineer. Ground water may be encountered at depths below four feet and dewatering may be required in some areas and at certain times of the year.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the demolition and excavation for the new pools shall be included in the contract lump sum price paid for "Pool – Deck and Pool Demolition and Excavation" and no additional compensation will be allowed.

10-1.66 POOL – PIPING, CONDUIT AND UTILITIES

This work shall consist of trenching and installation of all pool water pipes, electrical conduits, drainage pipes, and drainage grates as shown on the plans and as directed by the Engineer.

The Contractor's attention is directed to "Pool – Final Design, Engineering and Inspection" of these provisions. Final pipe sizing, layout, functionality, and interconnection shall be as proposed by the Contractor's Designer and as approved by the Engineer.

The Contractor's attention is directed to "Plastic Pipe", "Miscellaneous Drainage Facilities" and "Miscellaneous Metal" of the Standard Specifications and these Special Provisions.

Trench excavation shall be accurately executed to the limits and depths necessary to install the improvements shown. Suitable material that can be salvaged for use as fill and grading in other areas of the pool facility or within the park may be reused as approved by the Engineer. Ground water may be encountered at depths below four feet and dewatering may be required in some areas and at certain times of the year.

All below grade piping and conduit shall be Schedule 40 PVC. Above grade piping and conduit shall be Schedule 80 PVC.

Drainage boxes shall be Christy V05 with cast iron grate or approved equal.

Full compensation for furnishing all labor, materials (including all pipe, fittings, grates, glue and appurtenances), tools, equipment, and incidentals and for doing all the work involved in underground pool piping and conduit installation including, but not limited to trenching, placing, fitting, connecting, backfill, testing, shall be included in the contract lump sum price paid for "Pool – Piping Conduit and Utilities" and no additional compensation will be allowed.

10-1.67 POOL – SURGE CHAMBER

This work shall consist of installing a pool underground surge chamber tank as shown on the plans and as directed by the Engineer.

The Contractor's attention is directed to "Pool – Final Design, Engineering and Inspection" of these provisions. Final tank sizing, layout, functionality, and interconnection shall be as proposed by the Contractor's Designer and as approved by the Engineer.

Tank excavation shall be accurately executed to the limits and depths necessary to install the improvements shown. Suitable material that can be salvaged for use as fill and grading in other areas of the pool facility or within the park may be reused as approved by the Engineer. Ground water may be encountered at depths below four feet and dewatering may be required in some areas and at certain times of the year.

Pool surge chamber shall be food grade, high-density polyethylene, potable water type underground tank designed for complete burial. The contractor may propose alternate fiberglass or concrete tanks as an option.

Inlet and outlet pipes shall be attached with watertight connections. The number and size of pipes shall be as proposed by the Contractor's Designer to include gutter outlets, main drain suction, filter supply and autofill system.

Suitable valves, sensors and float valves shall be installed to provide system feedback, control, and isolation.

A manway access hatch/cover shall be set flush with pool deck finish grade.

Full compensation for furnishing all labor, materials (including all pipe, fittings, sensors and appurtenances), tools, equipment, and incidentals and for doing all the work involved in surge chamber installation including, but not limited to excavation, bedding, placing, fitting, connecting, backfill, testing, and adjustment shall be included in the contract lump sum price paid for "Pool – Surge Chamber (Type)" and no additional compensation will be allowed.

10-1.68 POOL – RETAINING WALL FOOTING

This work shall consist of installing the reinforced concrete foundation and seat wall for the CMU retaining wall abutting the pool deck, as shown on the plans and in conformance with these Special Provisions.

The Contractor's attention is directed to "Concrete" and "Reinforcement" of the Standard Specifications and these Special Provisions.

Aggregate for minor concrete shall conform to the Standard Specifications unless otherwise specified and shall conform to the combined aggregate grading limits in "Combined Aggregate Gradation," of the Standard Specifications.

Concrete shall be placed at the locations shown on the plans, struck off and compacted until a layer of mortar is brought to the surface. The concrete shall be screeded to the required grade and cross section and floated to a uniform surface. Surfaces to remain exposed shall be troweled and cleanly finished to eliminate bubbles, exposed aggregate, streaks, spots, and blemishes.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the installation of concrete retaining wall footings including, but not limited to: subgrade preparation; forming, constructing and finishing concrete footings and walls, shall be included in the contract price paid per lineal foot for "Pool - Retaining Wall Footing" and no additional compensation will be allowed.

10-1.69 POOL – WALL STAIRS AND FLOOR

This work shall consist of construction of the new concrete pool walls, stairs, floor, and surge gutters for both the lap and activity pool as shown on the plans and as directed by the Engineer.

The Contractors attention is directed to "Concrete", "Reinforcement" and "Miscellaneous Metal" and of the Standard Specifications and these Special Provisions.

The Contractor's attention is directed to "Pool – Final Design, Engineering and Inspection" of these provisions. Final return and inlet fittings and drain sizing, layout, and interconnection shall be as proposed by the Contractor's Designer and as approved by the Engineer.

Reinforcing bars shall be placed to the dimensions shown on the plans and suitably tied off and secured. Rebar inspection shall be scheduled 3 days in advance of shotcrete application.

Construction of the concrete pool shall include placement and wet setting of all drains, return and inlet fittings, anchors, brackets, lights, and equipment.

Concrete shall be placed using shotcrete application to the limits and profiles shown on the plans including all contours, cutouts, and conforms necessary.

Following proper finishing and curing, and once all mechanical equipment is fully operational, concrete pool surfaces shall be finished with white plaster topcoat or tiling as shown on the plans. Plaster shall be comprised of white Portland cement and Georgia marble pool aggregate or approved equal. Float plaster to a uniform plane and trowel to a smooth, dense, impervious surface using care to avoid stains. Accurately conform to all tiles, fittings, lights, and anchors to provide a clean, seamless, leak proof seal.

After the plaster has sufficiently dried and before drying to a damaging point, cure the plaster by gradually filling the pool with water. Continue filling and monitoring pool water level and keeping all plaster surfaces damp during warm periods. For the first fourteen days after placement, monitor and brush plaster surfaces daily.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the construction of concrete pools, including, but not limited to equipment rebar placement and tying, forming, preparation, shotcrete application, plaster application, finishing, curing, monitoring and maintaining, shall be included in the contract lump sum price paid for "Pool – Walls, Stairs, and Floor" and no additional compensation will be allowed.

10-1.70 POOL – DECK

This work shall consist of construction of the new concrete pool deck surrounding the completed pools, as shown on the plans, and as directed by the Engineer.

The Contractors attention is directed to "Concrete", "Reinforcement" and "Miscellaneous Metal" and of the Standard Specifications and these Special Provisions.

Reinforcing bars shall be placed to the dimensions shown on the plans and suitably tied off and secured. Rebar inspection shall be scheduled 3 days in advance of concrete placement.

Construction of the concrete pool deck shall include placement and wet setting of all drains, fittings, anchors, brackets, and equipment. Concrete shall be placed, struck off and compacted until a layer of mortar is brought to the surface. The concrete shall be screeded to the required grade and cross section and floated to a uniform surface, carefully finished, and cured.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the construction of the concrete pool deck, including, but not limited to equipment rebar placement and tying, forming, preparation, concrete placement, finishing, and curing, shall be included in the contract lump sum price paid for "Pool – Deck" and no additional compensation will be allowed.

10-1.71 POOL – RAIL

This work shall consist of construction of the new handrail and grabrail surrounding and entering the completed pools and on concrete stairs adjacent to pool deck, as shown on the plans, and as directed by the Engineer.

The Contractors attention is directed to "Pool – Deck", "Concrete", "Reinforcement" and "Miscellaneous Metal" of the Standard Specifications and these Special Provisions.

Pool handrail shall be Pentair Paragon 1.9" x 0.109" Stair Rail or approved equal. Pool grabrail shall be Pentair Paragon 30302 Grabrail or approved equal. Rail shall be installed in compliance with the manufacturer's recommendations and the details on the plans.

Stair handrail for perimeter pool deck access stairs shall be 1¼” tubular aluminum railing, custom fit to match stair dimensions and meet Building Code requirements. Handrail shall be mounted to vertical posts or anchored to concrete walls as appropriate.

Reinforcing bars shall be placed to the dimensions shown on the plans and suitably tied off and secured. Rebar inspection shall be scheduled 3 days in advance of concrete placement.

Rail anchors shall be placed per the manufacturer in a concrete footing, wet set as the pool deck or stairs are poured.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the installation of pool rails shall be included in the contract unit price paid for each “Pool – Rail (Type)” and no additional compensation will be allowed.

10-1.72 POOL – ACCESS LIFT

This work shall consist of installing an ADA compliant pool access lift, as shown on the plans and in conformance with these Special Provisions.

The Contractors attention is directed to “Concrete” and “Pool – Deck” of the Standard Specifications and these Special Provisions.

Pool access lift shall be Pentair Aquatram, or approved equal, installed in compliance with the manufacturer’s recommendations

Lift anchors shall be placed per the manufacturer in a concrete footing, wet set as the pool deck is poured.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the installation of ADA compliant pool access lift shall be included in the contract unit price paid for each “Pool – Access Lift” and no additional compensation will be allowed.

10-1.73 POOL – STARTING BLOCK

This work shall consist of installing a competitive swimming starting platform as shown on the plans and in conformance with these Special Provisions.

The Contractors attention is directed to “Concrete” and “Pool – Deck” of the Standard Specifications and these Special Provisions.

Pool starting platform shall be Pentair Paragon Long Reach Standard Competitor with Track Start top, or approved equal, installed in compliance with the manufacturer’s recommendations.

Lift anchors shall be placed per the manufacturer in a concrete footing, wet set as the pool deck is poured.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the installation of pool starting blocks shall be included in the contract unit price paid for each “Pool – Starting Block” and no additional compensation will be allowed.

10-1.74 POOL – STANCHION AND PENNANT LINES

This work shall consist of installing a competitive swimming backstroke lines as shown on the plans and in conformance with these Special Provisions.

The Contractors attention is directed to “Concrete” and “Pool – Deck” of the Standard Specifications and these Special Provisions.

Pool stanchion anchors shall be Pentair Paragon Stanchion Socket, Stainless Steel. Pool stanchions shall be Pentair Paragon 8’ stainless steel Stanchion, Sliding Collar with Eye Bolt, or approved equal, installed in compliance with the manufacturer’s recommendations. Backstroke lines shall be Pentair Paragon Backstroke Line 12”x18” Pennants.

Post anchors shall be placed per the manufacturer in a concrete footing, wet set as the pool deck is poured.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the installation of pool stanchions, anchors and pennant lines shall be included in the contract lump sum price paid for “Pool – Stanchion and Pennant Lines” and no additional compensation will be allowed.

10-1.75 POOL – COVER AND REEL

This work shall consist of providing pool covers and reel systems suitable to cover all exposed pool areas as shown on the plans and in conformance with these Special Provisions.

Pool covers shall be three-layer composite, laminated pool blanket, with woven high-density UV stabilized polyethylene outer layer with cross-linked polyethylene foam middle layer. Pool cover shall be Lincoln Aquatics 1212DLX ThermGard or approved equal.

Pool cover storage reel shall be stainless steel 1.9” OD tubing construction with 4” diameter winding tubes.

Storage reel for lap pool shall be triple shafted winder, 20’ wide (or as required), with triple-reel power drive system, as manufacturer by Lincoln Aquatics, or approved equal.

Storage reel for lap pool shall be double shafted winder, 13’ wide (or as required), as manufacturer by Lincoln Aquatics, or approved equal.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the providing new pool cover systems, complete with appropriately sized covers and reels (with power drive system as described) shall be included in the contract lump sum price paid for "Pool – Cover and Reel (Pool Type)" and no additional compensation will be allowed.

10-1.76 POOL – DECK LIGHTING

This work shall consist of installing a LED pool deck area lighting system as shown on the plans and in conformance with these Special Provisions.

The Contractors attention is directed to "Concrete", "Pool – Deck" and "Pool – Piping, Conduit & Utilities" of the Standard Specifications and these Special Provisions.

Light footing and pole shall consist of the complete installation of a 4" diameter, 16' tall steel pole on a concrete footing, as shown on the plans or as directed by the Engineer. High strength anchor bolts shall be wet set into concrete footings to the proper embedment and exposed height as necessary to mount pole base plate, as shown on the plans, as recommended by the manufacturer, and as directed by the Engineer. Footing anchors shall be placed in concrete footing prior to or as the pool deck is poured. Electrical conduit shall be installed in concrete footings as shown on the plans and as specified in "Electrical Conduit" of these Special Provisions. Footing location and base plate cover exposure shall be carefully located and adjusted to ensure optimum placement in relation to final pool area for safety and accessibility.

Steel pole shall conform to the provisions in "Overhead Sign Structures, Standards and Poles," of the Standard Specifications, and these special provisions. Pole shall be black to match associated light assemblies of these Special Provisions. Approved hardware, connectors, base plate, and base plate cover shall be installed as shown on the plans, as recommended by the manufacturer, and as directed by the Engineer.

LED lights shall be cool white, die-formed black powder coated aluminum housing, single fixture with matching pole top hub and bracket, installed with stainless steel hardware on top of steel poles.

LED lighting system shall be LSI Industries, 165W Mirada Small Area Light (MRS) on 4" diameter steel, straight round pole (4RP) or approved equals.

Pool deck lighting shall be connected in series, in appropriately sized conduit, routed to the electrical panel at the pool mechanical building. Suitable switches, timers and motion sensors shall be installed to enable proper control.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in the installation of pool deck lighting, including, but not limited to excavation, conduit placement, backfill, footing construction, anchoring, assembly, wiring, testing and adjustment shall be included in the contract unit price paid for each "Pool – Deck Lighting" and no additional compensation will be allowed.

10-1.77 NOTIFICATION AND SCHEDULING

The Contractor shall deliver a "NOTICE" to all residents and businesses of properties adjacent to the project streets and those on connecting streets that have no other means of accessing their properties but through the project or are otherwise adversely affected by the scheduled project operations. The Contractor will provide a standard "NOTICE" form in sufficient numbers to permit distribution to all homes and businesses within a 500 foot radius of the project site. The Contractor will complete the "NOTICE" forms by entering the name of the firm, local and toll free telephone number, date of issuance, and shall indicate on the notice street closures, traffic control measure or outages that are expected to be in place.

"NOTICE" forms shall be issued to the affected properties no later than forty-eight (48) hours prior to the work. The Contractor shall be responsible for removing any "NOTICES" that were not removed by the resident or business after all work is completed by the Contractor or as directed by the Engineer. Any costs associated with towing of vehicles in the way of construction shall be borne by the Contractor. "NOTICE" shall not be left in mailboxes, per Section PO 11.2.1 of the Domestic Mail Manual (DMM). The Contractor shall be held liable for any fines.

The Contractor shall coordinate with the Engineer to notify the Police Department, Fire Department, Ambulance Service, Waste Management, Post Office, Durham Transportation, and Gold Country Stage forty-eight (48) hours prior to any lane closure. Notification may be in conjunction with the scheduling requirements of the "SCHEDULING" portion of the Standard Specifications. Particular attention shall be given to the construction of adequate facilities on any street to permit the passing of emergency vehicles.

None of the provisions specified herein shall be construed to restrict or prohibit, at any time, the prosecution of items of work which will not interfere with the use of existing streets.

Full compensation for all work associated with furnishing, distributing and removal, as required, of all notices; for contacting and coordinating with applicable agencies, schools, etc; and for all incidentals of work required within this "Notification and Scheduling" section will be considered as included in the contract prices paid for various items of work and no additional compensation will be allowed.

NOTICE

Date Delivered: _____

Dear Property Owner:

In the interest of minimizing the inconvenience caused by the CDBG Memorial Park Facilities Improvement Project, we are providing you at least 48 hours' notice that the following work is proposed to be done in the vicinity of your property or affecting access to your property beginning on _____ from _____ a.m./p.m. to _____ a.m./p.m.:

_____ Underground Utilities

_____ Concrete Construction

_____ Street Paving

_____ Other:

We appreciate your patience and cooperation while this work is underway.

Please call (____) _____ - _____ to contact the Contractor if you have any questions or wish additional information regarding this work, or contact the City of Grass Valley Engineering Division at (530) 274-4373.

Contractor's Name

10-1.78 RECORD DRAWINGS

The Contractor shall keep accurate records on a set of project prints (24" x 36") of all additions and deletions of the work, and all of the changes in location, elevation, and character of the work not otherwise shown or noted on the contract plans. The City will furnish three (3) sets of full size prints for the "Record Drawings" plans at no cost to the Contractor.

"Record Drawings" construction plans shall be provided to the City after completion of the project. Two (2) copies shall be provided with changes to the original contract work shown in red color. The Contractor shall transmit these "Record Drawings" plans to the Engineer for approval. Details to be shown on the "Record Drawings" plans shall include, but not be limited to, type, quantity, and location of pipe runs, location and elevations of facilities, and any other modifications, additions or adjustments to any other facilities in the project.

"Record Drawings" construction plans shall be signed and dated by the Contractor or the Subcontractor that actually constructed the facility. In addition, company names of the Contractor and Subcontractors shall be added to the title sheet.

The cost of record keeping to provide the information for these "Record Drawings" plans and all work associated with preparing accurate "Record Drawings" construction plans shall be considered as included in the prices paid for the various Contract items of work involved and no additional compensation will be allowed.

10-1.79 RECREATION BUILDING (BID ALTERNATE #1)

This work shall include the production of shop drawings, construction and erection of a permanent recreation building on concrete pad, with surrounding concrete sidewalk, as shown on the plans and as directed by the Engineer.

The Contractors attention is directed to "Concrete", "Reinforcement", "Paint" and "Building Construction" of the Standard Specifications and these Special Provisions.

The contractor shall obtain all necessary building permits and adhere to all local building, fire, and Title 24 codes. All work shall be furnished and installed using commonly accepted industry practices. Prefabricated construction methods are preferred although the contractor may propose alternate construction methods as needed to fit site conditions and simplify construction.

The recreation building shall include a large recreation room, a utility and janitor's closet, one all gender restroom, an office space and a reception lobby as schematically shown on the plans.

The building foundation shall be a reinforced concrete matt foundation. Interior flooring shall be carpet in common areas and concrete in the bathroom, lobby, and janitor's closet. Building walls anchored into the foundation shall be timber framing with sheathing on both sides housing batt insulation. Decorative sidings shall be fiber reinforced concrete and manufactured stone sidings. Interior wall surfaces and ceilings shall be covered with gypsum board. The building roof shall be a timber truss system. The roof section shall have rigid insulation housed by oriented strand board sheathing on top and plywood sheathing on bottom. The roof fascia shall be wood. Exterior roof panels shall be 26 GA. metal panels.

All decorative sidings, exterior finishes, textures, styles, and color schemes, including wood lap siding, wood trim, wood fascia, manufactured stone wainscot and corrugate metal, shall be of similar style as the existing pool building to remain and shall be submitted to and approved by the engineer before construction.

The building shall include a water heater capable of supplying hot water to all interior sinks and shall include interior and exterior LED lighting adhering to Title 24 requirements.

Doors shall be stainless steel units with deadbolt locking systems and appropriate Title 24 restroom signage where applicable.

The restroom shall include one toilet, one handwashing sink with mirror, soap dispenser, electric hand dryer. The restroom shall also include a baby changing table and a wall mounted stainless steel waste bin. The toilet shall be ADA compliant with stainless steel grab bars and three roll stainless steel wall mounted toilet paper holders adjacent to it.

Building utilities shall be installed via the utility chase identified on the plans.

The final design is to be determined through consultation with the Engineer. All final designs shall be submitted to and approved by the Engineer prior to construction.

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals and furnishing and doing all the work involved in the design and construction of the recreation building including, but not limited to: structural and architectural drawing production, subgrade preparation, leveling, and compaction, utility hookups, building construction, installing all lighting and plumbing, painting, caulking and finishing, startup and testing, as well as associated concrete sidewalk construction and finishing work surrounding the building, shall be included in the contract lump sum price for "Recreation Building" and no additional compensation will be allowed.

10-1.80 SOFTBALL FIELD RESTORATION (BID ALTERNATE #2)

This work shall consist of the construction of a restored grass softball field in place of the artificial turf field installation bid item, as shown on the plans and as directed by the Engineer.

The contractor's attention is directed to "Landscape Irrigation," "Rehabilitate Lawn" and "Drainage Pipe" of these provisions. New field irrigation shall be installed in the softball field in accordance with "Landscape Irrigation". New sod surfacing shall be completed in softball field in accordance with "Rehabilitate Lawn".

The contractor shall properly grade the prepared subgrade and install a functional drainage system (French drain and/or area drains) in the field to relieve the buildup of surface and sub-surface water and eliminate standing water on the field, primarily as currently exists in the softball outfield area. Raising of the field elevation with native fill may be necessary in areas to achieve suitably sloped surfaces, necessary to shed water. Drainage systems shall be sloped to daylight to drain or shall be tied in to existing drainage infrastructure.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved including, but not limited to, grading, backfill and levelling, replacement of irrigation system, drainage system improvements, and soil preparation, levelling, compacting, placing sod, and watering as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer shall be included in the contract lump sum price paid for "Softball Field Restoration" and no additional compensation will be allowed.

At the City's discretion and as agreed upon with the contractor, the City may choose to proceed with either the included bid item for artificial turf installation "Softball Field Artificial Turf Installation", this bid alternate sod installation "Softball Field Restoration" or no softball field improvements at this time. It is understood that direction to proceed with "Softball Field Restoration" would include deletion of the "Softball Field Artificial Turf Installation" bid item.



**CITY OF GRASS VALLEY
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION**

**PROPOSAL
AND
BIDDER'S CERTIFICATES**

FOR

**CDBG MEMORIAL PARK FACILITIES IMPROVEMENT PROJECT
PROJECT NO. 20-05**

Bidder's Name: _____

Bid Opening Date: _____ **Time:** _____

PROPOSAL

Proposal to the City of Grass Valley, State of California, in the County of Nevada for the

**CDBG MEMORIAL PARK FACILITIES IMPROVEMENT PROJECT
PROJECT NO. 20-05**

NAME OF BIDDER _____

BUSINESS P.O. BOX _____

BUSINESS STREET ADDRESS _____
(Required, even if P.O. Box is used)

CITY, STATE, ZIP _____

TELEPHONE NUMBER () _____

FAX NUMBER () _____

EMAIL _____

CONTRACTOR'S LICENSE NUMBER _____

CONTRACTOR'S DIR NUMBER _____

The project to be done and referred to herein is in City of Grass Valley, State of California, located at Memorial Park, and is to be constructed in accordance with the Department of Transportation Standard Plans, dated 2018, the Standard Specifications, dated 2018, the Labor Surcharge and Equipment Rental Rates in effect on the date the work is accomplished, and the General Prevailing Wage Rates.

The project plans and specifications for the work to be done were approved and are entitled:

**CITY OF GRASS VALLEY
CDBG MEMORIAL PARK FACILITIES IMPROVEMENT PROJECT
PROJECT NO. 20-05**

Bids are to be submitted for the entire work. The amount of the bid for comparison purposes will be the total of all items.

Envelopes containing bids shall be marked -

**CDBG MEMORIAL PARK FACILITIES IMPROVEMENT PROJECT
PROJECT NO. 20-05**

NOT TO BE OPENED UNTIL 3:30 P.M., APRIL 15, 2021.

The bidder shall set forth for each unit basis item of work an item price and a total for the item, and for each lump sum item a total for the item, all in clearly legible figures in the respective spaces provided for this purpose. In the case of unit basis items, the amount set forth under the "Item Total" column shall be the extension of the item price bid on the basis of the estimated quantity for the item.

In case of discrepancy between the item price and the total set forth for a unit basis item, the item price shall prevail, provided, however, if the amount set forth as an item price is ambiguous, unintelligible or uncertain for any cause, or is omitted, or is the same amount as the entry in the "Total" column, then the amount set forth in the "Total" column for the item shall prevail and shall be divided by the estimated quantity for the item and the price thus obtained shall be the item price.

If this proposal shall be accepted and the undersigned shall fail to enter into the Contract and furnish the two bonds in the sums required by the State Contract Act, with surety satisfactory to the City of Grass Valley, within 8 days, not including Sundays and legal holidays, after the bidder has received notice from the City of Grass Valley that the Contract has been awarded, the City of Grass Valley may, at its option, determine that the bidder has abandoned the Contract, and thereupon this proposal and the acceptance thereof shall be null and void and the forfeiture of such security accompanying this proposal shall operate and same shall be the property of the City of Grass Valley.

The undersigned, as bidder, declares that the only persons or parties interested in this proposal as principals are those named herein; that this proposal is made without collusion with any other person, firm, or corporation; that he has carefully examined the location of the proposed work, the annexed proposed form of contract, and the plans therein referred to; and he proposes, and agrees if this proposal is accepted, that he will contract with the City of Grass Valley in the form of the copy of the contract annexed hereto, to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all the materials specified in the contract, in the manner and time therein prescribed, and according to the requirements of the Engineer as therein set forth, and that he will take in full payment therefor the following prices, to wit:

BID ITEMS
CDBG MEMORIAL PARK FACILITIES IMPROVEMENT PROJECT
PROJECT NO. 20-05

ITEM NO	ITEM	UNIT OF MEAS	EST QTY	UNIT PRICE	ITEM TOTAL
1	Mobilization	LS	1		
2	Traffic Control System	LS	1		
3	Park Demolition and Removal	LS	1		
4	Tree Removal	EA	6		
5	Water Main Line (6" PVC)	LF	840		
6	Water Main Tee Assembly (6")	EA	4		
7	Gate Valve and Box (6")	EA	5		
8	Backflow Preventer (2")	EA	2		
9	Water Service Line (2")	LF	230		
10	Water Service Line (1")	LF	55		
11	Fire Hydrant Line	LF	10		
12	Water Main Tap and Saddle	EA	5		
13	Abandon Existing Water Lines	LS	1		
14	Landscape Irrigation	LS	1		
15	Area Drain Inlet	EA	9		
16	Drainage Inlet	EA	1		
17	Drainage Pipe (6" HDPE)	LF	303		
18	Drainage Pipe (3" PVC)	LF	10		
19	Electrical Conduit (1 1/2" PVC)	LF	380		
20	Electrical Conduit (2" PVC)	LF	485		
21	Electrical Conduit (3" PVC)	LF	310		
22	PGE Coordination	LS	1		
23	Electrical Meter Pedestal	EA	1		
24	Electrical Load Center and Circuit Breakers	LS	1		
25	Parking Lot Lighting	EA	5		
26	Relocate Gas Meter Assembly	LS	1		
27	Sewer Service Line (4" PVC)	LF	25		
28	Sewer Cleanout and Backflow Preventer	EA	2		
29	Aggregate Base	CY	280		
30	Detectable Warning Surface	EA	4		
31	Minor Concrete - Sidewalk, Slab, Curb Ramp	SF	6905		
32	Minor Concrete - Playing Court	SF	9125		
33	Minor Concrete - Curb	LF	525		
34	Minor Concrete - Retaining Curb	LF	80		
35	Minor Concrete - Valley Gutter	SF	72		
36	Minor Concrete - Stairs	LS	1		
37	CMU Retaining Wall	SF	750		
38	Landscape Block Wall	SF	65		
39	Trash Enclosure	EA	1		
40	Remove and Replace HMA (2" Depth)	SY	3215		
41	Hot Mix Asphalt (3" Depth)	SY	655		

BID ITEMS CONTINUED
CDBG MEMORIAL PARK FACILITIES IMPROVEMENT PROJECT
PROJECT NO. 20-05

ITEM NO	ITEM	UNIT OF MEAS	EST QTY	UNIT PRICE	ITEM TOTAL
42	Adjust Utility Cover to Grade	EA	11		
43	Chain Link (10' Perimeter Fence)	LF	290		
44	Chain Link (6' Perimeter Fence)	LF	110		
45	Chain Link (6' Privacy Fence w/ slats)	LF	425		
46	Chain Link (5' Dividing Fence)	LF	30		
47	Chain Link (4' Access Gate)	EA	5		
48	Chain Link (12' Double Gate)	EA	1		
49	Concrete Bumper	EA	20		
50	Thermoplastic Traffic Stripes	LF	1630		
51	Thermoplastic Traffic Markings	SF	350		
52	Acrylic Coating System	SF	8980		
53	Painted Court Markings	LS	1		
54	Pickleball Net Assembly	EA	2		
55	Basketball Hoop and Post Assembly	EA	2		
56	Lean-to Storage Enclosure	LS	1		
57	Maintenance Building	LS	1		
58	Restroom Building	LS	1		
59	Rehabilitate Lawn	SF	14000		
60	Landscaping	LS	1		
61	Softball Field Artificial Turf Installation	LS	1		
62	Pool - Final Design, Engineering & Inspection	LS	1		
63	Pool - Mechanical Building Exterior Restoration	LS	1		
64	Pool - Mechanical Building Demolition & Structural	LS	1		
65	Pool - Mechanical Equipment	LS	1		
66	Pool - Deck & Pool Demolition, Excavation	LS	1		
67	Pool - Piping, Conduit & Utilities	LS	1		
68	Pool - Surge Chamber (Lap Pool)	EA	1		
69	Pool - Surge Chamber (Activity Pool)	EA	1		
70	Pool - Retaining Wall Footing	LF	155		
71	Pool - Wall, Stairs & Floor	LS	1		
72	Pool - Deck	LS	1		
73	Pool - Rail (Hand)	EA	4		
74	Pool - Rail (Grab)	EA	8		
75	Pool - Rail (Stair)	EA	2		
76	Pool - Access Lift	EA	1		
77	Pool - Starting Block	EA	8		
78	Pool - Stanchion and Pennant Lines	LS	1		
79	Pool - Cover & Reel (Lap)	LS	1		
80	Pool - Cover & Reel (Activity)	LS	1		

BID ITEMS CONTINUED
CDBG MEMORIAL PARK FACILITIES IMPROVEMENT PROJECT
PROJECT NO. 20-05

ITEM NO	ITEM	UNIT OF MEAS	EST QTY	UNIT PRICE	ITEM TOTAL
81	Pool - Deck Lighting	EA	6		

TOTAL COST: \$ _____

ADDITIVE BID ITEMS

ITEM NO	ITEM	UNIT OF MEAS	EST QTY	UNIT PRICE	ITEM TOTAL
A1	Recreation Building	LS	1		
A2	Softball Field Restoration	LS	1		

Name of Contractor/Company

The foregoing quantities are approximate only, being given as a basis for comparison of bids, and the Engineering Department does not express or by implication agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed necessary, or advisable by the Engineer.

LIST OF SUBCONTRACTORS

The Bidder shall list the name, address, California contractor's license number, Public Works contractor registration number of each Subcontractor required to be listed by "Subcontractor List" of the Standard Specifications, and the Special Provisions, and designate the portion and percentage of the work to be performed by the Subcontractor, to whom the bidder proposes to subcontract portions of the work. ***The California contractor license classification and number shall be included for all subcontractors doing work in excess of one half of one percent of the total Project bid price, or ten thousand dollars (\$10,000.00), whichever is greater.***

Subcontractor Name, Location of Business	CA License Number	Public Works Contractor Registration Number	Bid Item Number, Percentage of Item Wok Subcontracted *

* Bid Item Number and Percentage of Item Work Subcontracted may be submitted by the proper within 24 hours of the bid opening date and time.

LIST OF PROPOSED SUBSTITUTIONS

Pursuant to Public Contract Code Section 3400, the following substitutions are proposed as "Equals" for those set forth in the Contract. All data substantiating the proposed substitutions shall be submitted to the City upon request.

Contract Section	Name of Product to be Substituted Out	Name and Manufacturer of Proposed Product To Be Substituted	Model/Quantity of Proposed Product
-------------------------	--	--	---

EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

The bidder hereby declares under penalty of perjury that the bidder has _____, has not _____, participated in a previous contract or subcontract subject to the equal opportunity clauses, as required by Executive Orders 10925, 11114, or 11246, and that, where required, he has filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Additionally, the bidder hereby declares that all proposed subcontractors listed on the bidder's completed List of Subcontractors as performing work under this contract, have stated in their bid to the prime contractor or in writing at the outset of negotiations, whether the proposed subcontractor has participated in a previous contract or subcontract subject to the equal opportunity clauses, as required by Executive Orders 10925, 11114, or 11246, and that, where required, he has filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Note: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41 CFR 60-1.7(b) (1)), and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contracts or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

The bidder must place a checkmark after "has" or "has not" in one of the blank spaces provided. The above Certifications are part of this Proposal. Signing this Proposal on the signature portion thereof shall also constitute an endorsement and execution of these certifications. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

PUBLIC CONTRACT CODE SECTION 10285.1 STATEMENT

In accordance with Public Contract Code Section 10285.1 (Chapter 376, Stats. 1985), the bidder hereby declares under penalty of perjury under the laws of the State of California that the bidder has _____, has not _____, been convicted within the preceding three years of any offenses referred to in that section, including any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or Federal antitrust law in connection with the bidding upon, award of, or performance of, any public works Contract, as defined in Public Contract Code Section 1101, with any public entity, as defined in Public Contract Code Section 1100, including the Regents of the University of California or the Trustees of the California State University of California or the Trustees of the California State University. The term "bidder" is understood to include any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof, as referred to in Section 10285.1.

PUBLIC CONTRACT CODE SECTION 10162 QUESTIONNAIRE

In accordance with Public Contract Code Section 10162, the Bidder shall complete, under penalty of perjury, the following questionnaire:

Has the bidder, any officer of the bidder, or any employee of the bidder who has a proprietary interest in the bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a Federal, State, or local government project because of a violation of law or a safety regulation?

Yes _____ No _____

If the answer is yes, explain the circumstances in the following space.

PUBLIC CONTRACT SECTION 10232 STATEMENT

In accordance with Public Contract Code Section 10232, the Contractor, hereby states under penalty of perjury, that no more than one final unappealable finding of contempt of court by a federal court has been issued against the Contractor within the immediately preceding two year period because of the Contractor's failure to comply with an order of a federal court which orders the Contractor to comply with an order of the National Labor Relations Board.

The bidder must place a checkmark after "has" or "has not" and "yes" or "no" in one of the blank spaces provided. The above Statements and Questionnaire are part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of these Statements. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

NON-COLLUSION AFFIDAVIT
(Title 23 United States Code Section 112
and Public Contract Code Section 7106)

In conformance with Title 23 United States Code Section 112 and Public Contract Code 7106 the bidder declares that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

The above Non-collusion Affidavit is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Noncollusion Affidavit. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

DEBARMENT AND SUSPENSION CERTIFICATION

(Title 49, Code of Federal Regulations, Part 29)

The bidder, under penalty of perjury, certifies that, except as noted below, he/she or any other person associated therewith in the capacity of owner, partner, director, officer, manager:

- is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any Federal agency;
- has not been suspended, debarred, voluntarily excluded or determined ineligible by any Federal agency within the past 3 years;
- does not have a proposed debarment pending; and
- has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

Exceptions will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

The above Certification is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Certification. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

NONLOBBYING CERTIFICATION FOR FEDERAL-AID CONTRACTS

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- (1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub recipients shall certify and disclose accordingly.

DISCLOSURE OF LOBBYING ACTIVITIES

COMPLETE THIS FORM TO DISCLOSE LOBBYING ACTIVITIES PURSUANT TO 31 U.S.C. 1352

<p>1. Type of Federal Action:</p> <p><input type="checkbox"/> a. contract</p> <p><input type="checkbox"/> b. grant</p> <p><input type="checkbox"/> c. cooperative agreement</p> <p><input type="checkbox"/> d. loan</p> <p><input type="checkbox"/> e. loan guarantee</p> <p><input type="checkbox"/> f. loan insurance</p>	<p>2. Status of Federal Action:</p> <p><input type="checkbox"/> a. bid/offer/application</p> <p><input type="checkbox"/> b. initial award</p> <p><input type="checkbox"/> c. post-award</p>	<p>3. Report Type:</p> <p><input type="checkbox"/> a. initial</p> <p><input type="checkbox"/> b. material change</p> <p align="right">For Material Change Only: year _____ quarter _____ date of last report _____</p>
<p>4. Name and Address of Reporting Entity</p> <p><input type="checkbox"/> Prime <input type="checkbox"/> Subawardee</p> <p align="center">Tier _____, if known</p> <p align="center">Congressional District, if known</p>	<p>5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:</p> <p align="center">Congressional District, if known</p>	
<p>6. Federal Department/Agency:</p>	<p>7. Federal Program Name/Description:</p> <p align="right">CFDA Number, if applicable _____</p>	
<p>8. Federal Action Number, if known:</p>	<p>9. Award Amount, if known:</p>	
<p>10. a. Name and Address of Lobby Entity (If individual, last name, first name, MI)</p>	<p>b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI)</p>	
<p>(attach Continuation Sheet(s) if necessary)</p>		
<p>11. Amount of Payment (check all that apply)</p> <p>\$ _____ <input type="checkbox"/> actual <input type="checkbox"/> planned</p>	<p>13. Type of Payment (check all that apply)</p> <p><input type="checkbox"/> a. retainer</p> <p><input type="checkbox"/> b. one-time fee</p> <p><input type="checkbox"/> c. commission</p> <p><input type="checkbox"/> d. contingent fee</p> <p><input type="checkbox"/> e. deferred</p> <p><input type="checkbox"/> f. other, specify _____</p>	
<p>12. Form of Payment (check all that apply):</p> <p><input type="checkbox"/> a. cash</p> <p><input type="checkbox"/> b. in-kind; specify: nature _____ value _____</p>		
<p>14. Brief Description of Services Performed or to be performed and Date(s) of Service, including officer(s), employee(s), or member(s) contacted, for Payment Indicated in Item 11:</p> <p align="center">(attach Continuation Sheet(s) if necessary)</p>		
<p>15. Continuation Sheet(s) attached: Yes <input type="checkbox"/> No <input type="checkbox"/></p>		
<p>16. Information requested through this form is authorized by Title 31 U.S.C. Section 1352. This disclosure of lobbying reliance was placed by the tier above when his transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to Congress semiannually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</p>		
		<p>Signature: _____</p> <p>Print Name: _____</p> <p>Title: _____</p> <p>Telephone No.: _____ Date: _____</p>
<p>Federal Use Only:</p>		<p>Authorized for Local Reproduction Standard Form - LLL</p>

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime federal recipient, at the initiation or receipt of covered federal action or a material change to previous filing pursuant to title 31 U.S.C. Section 1352. The filing of a form is required for such payment or agreement to make payment to lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with a covered federal action. Attach a continuation sheet for additional information if the space on the form is inadequate. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered federal action for which lobbying activity is and/or has been secured to influence, the outcome of a covered federal action.
2. Identify the status of the covered federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last, previously submitted report by this reporting entity for this covered federal action.
4. Enter the full name, address, city, State and zip code of the reporting entity. Include Congressional District if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the first tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in Item 4 checks "Subawardee" then enter the full name, address, city, State and zip code of the prime federal recipient. Include Congressional District, if known.
6. Enter the name of the federal agency making the award or loan commitment. Include at least one organization level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the federal program name or description for the covered federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans and loan commitments.
8. Enter the most appropriate federal identifying number available for the federal action identification in item 1 (e.g., Request for Proposal (RFP) number, Invitation for Bid (IFB) number, grant announcement number, the contract grant. or loan award number, the application/proposal control number assigned by the federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered federal action where there has been an award or loan commitment by the Federal agency, enter the federal amount of the award/loan commitments for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying entity engaged by the reporting entity identified in item 4 to influenced the covered federal action.
(b) Enter the full names of the individual(s) performing services and include full address if different from 10 (a). Enter Last Name, First Name and Middle Initial (MI).
11. Enter the amount of compensation paid or reasonably expected to be paid by the reporting entity (item 4) to the lobbying entity (item 10). Indicate whether the payment has been made (actual) or will be made (planned). Check all boxes that apply. If this is a material change report, enter the cumulative amount of payment made or planned to be made.
12. Check the appropriate box(es). Check all boxes that apply. If payment is made through an in-kind contribution, specify the nature and value of the in-kind payment.
13. Check the appropriate box(es). Check all boxes that apply. If other, specify nature.
14. Provide a specific and detailed description of the services that the lobbyist has performed or will be expected to perform and the date(s) of any services rendered. Include all preparatory and related activity not just time spent in actual contact with federal officials. Identify the federal officer(s) or employee(s) contacted or the officer(s) employee(s) or Member(s) of Congress that were contacted.
15. Check whether or not a continuation sheet(s) is attached.
16. The certifying official shall sign and date the form, print his/her name title and telephone number.

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including time for reviewing instruction, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, D.C. 20503.

Accompanying this proposal is _____

(Insert the words "Cash(\$_____)", "Cashier's Check", "Certified Check", or "Bidder's Bond", as the case may be)

in an amount equal to at least ten percent of the total of the bid.

The names of all persons interested in the foregoing proposal as principals are as follows:

IMPORTANT NOTICE: *If bidder or other interested person is a corporation, state legal name of corporation, also names of the president, secretary, treasurer, and manager thereof; if a copartnership, state true name of firm, also names of all individual copartners composing firm; if bidder or other interested person is an individual, state first and last names in full.*

Licensed in conformance with an act providing for the registration of Contractors,

License No. _____ Classification(s) _____

ADDENDA - This Proposal is submitted with respect to the changes to the Contract included in addenda number/s _____

(Fill in addenda numbers if addenda have been received and insert in this Proposal any Bid Item sheets that were received as part of the addenda.)

All Addenda must be signed and returned with the Bidder's Proposal in order for the Bid to be considered responsive.

By my signature on this proposal I certify, under penalty of perjury under the laws of the State of California, that the foregoing questionnaire and statements of Public Contract Code Sections 10162, 10232 and 10285.1 are true and correct and that the bidder has complied with the requirements of Section 8103 of the Fair Employment and Housing Commission Regulations (Chapter 5, Title 2 of the California Administrative Code). By my signature on this proposal I further certify, under penalty of perjury under the laws of the State of California and the United States of America, that the Noncollusion Affidavit required by Title 23 United States Code, Section 112 and Public Contract Code Section 7106; and the Title 49 Code of Federal Regulations, Part 29 Debarment and Suspension Certification are true and correct.



Signature & Title of Bidder

Date

Business Address: _____

Place of Business: _____

Place of Residence: _____

**BIDDER'S BOND
CITY OF GRASS VALLEY**

KNOW ALL PEOPLE BY THESE PRESENTS, that we _____ as PRINCIPAL, and _____ as SURETY, are held and firm bound unto the City of Grass Valley, hereinafter called the **CITY**, in the penal sum of **TEN PERCENT (10%) OF THE TOTAL AMOUNT OF THE BID** of the Principal above named, submitted by said Principal to the **CITY** for the work described below, for the payment of which sum in lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents. In no case shall the liability of the surety hereunder exceed the sum of _____ Dollars (\$_____).

THE CONDITION OF THIS OBLIGATION IS SUCH, THAT:

WHEREAS, the Principal has submitted the above mentioned bid to the City of Grass Valley, for certain construction specifically described as follows for which bids are to be opened at Grass Valley, California on April 15, 2021, at 3:30 p.m., for **CDBG MEMORIAL PARK FACILITIES IMPROVEMENT PROJECT, PROJECT NO. 20-05**

NOW THEREFORE, if the aforesaid Principal is awarded this Contract, and, within the time and manner required under the specifications, after the prescribed forms are presented to him for signature, enters into a written Contract, in the prescribed form, in accordance with the bid, and files the two bonds with the City, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by law, then this obligation shall be null and void; otherwise it shall be and remain in full force and virtue.

In the event suit is brought upon this bond by the Obligee and judgment is recovered, the Surety shall pay all costs incurred by the Obligee in such suit, including a reasonable attorney's fee to be fixed by the Court.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this ____ day of _____, A.D., 20____.

_____(SEAL)	_____(SEAL)
_____(SEAL)	_____(SEAL)
_____(SEAL)	_____(SEAL)
SURETY	PRINCIPAL

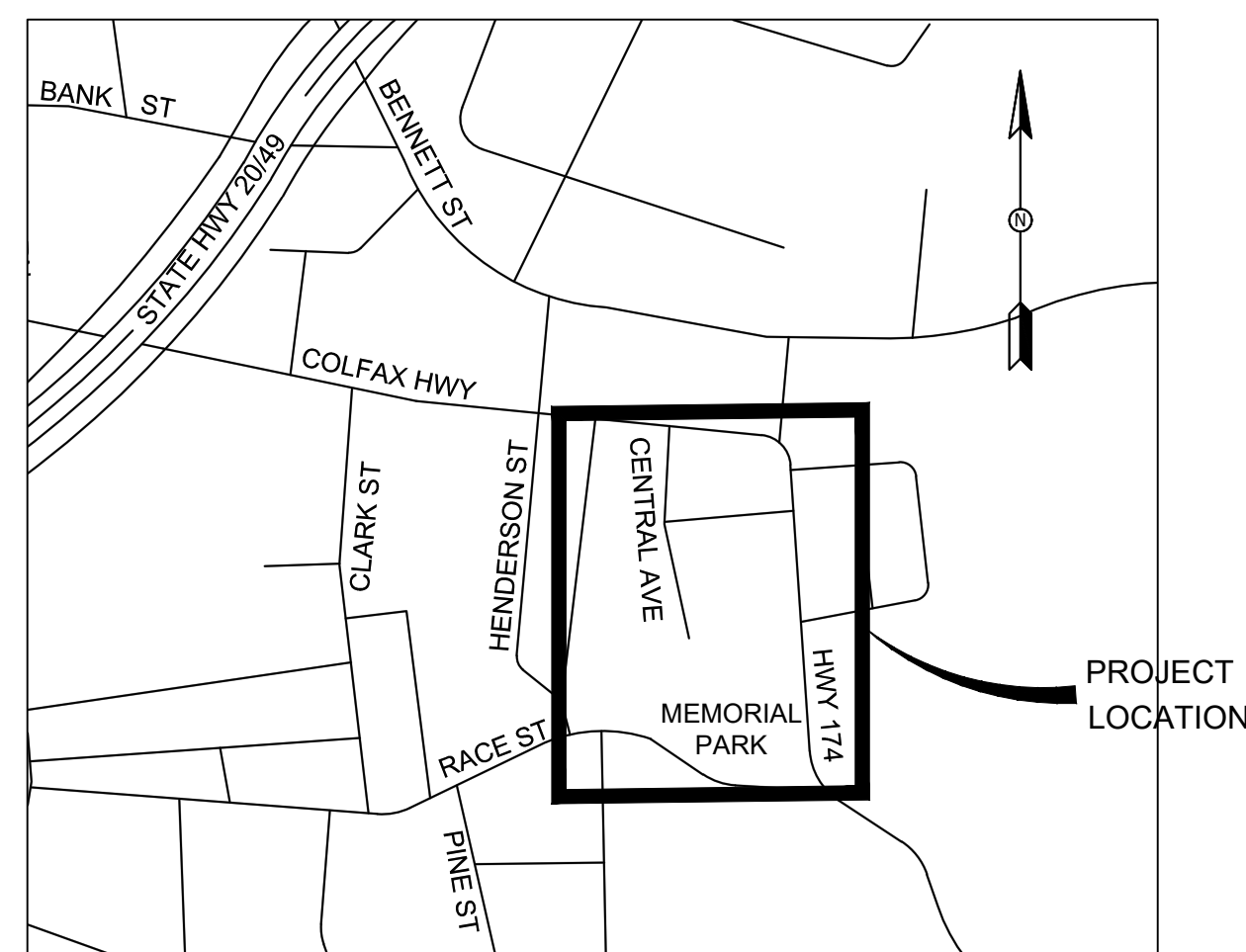
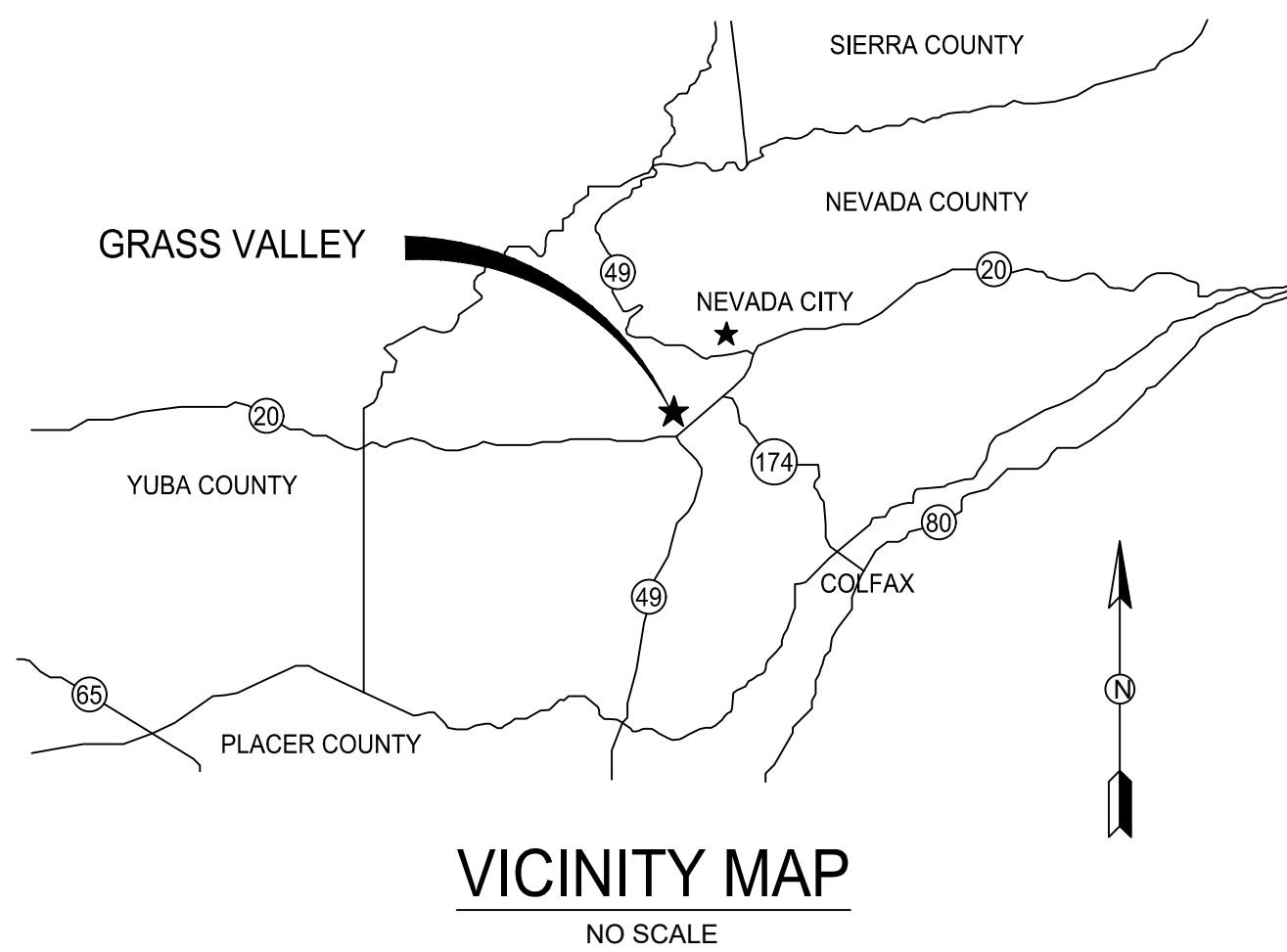
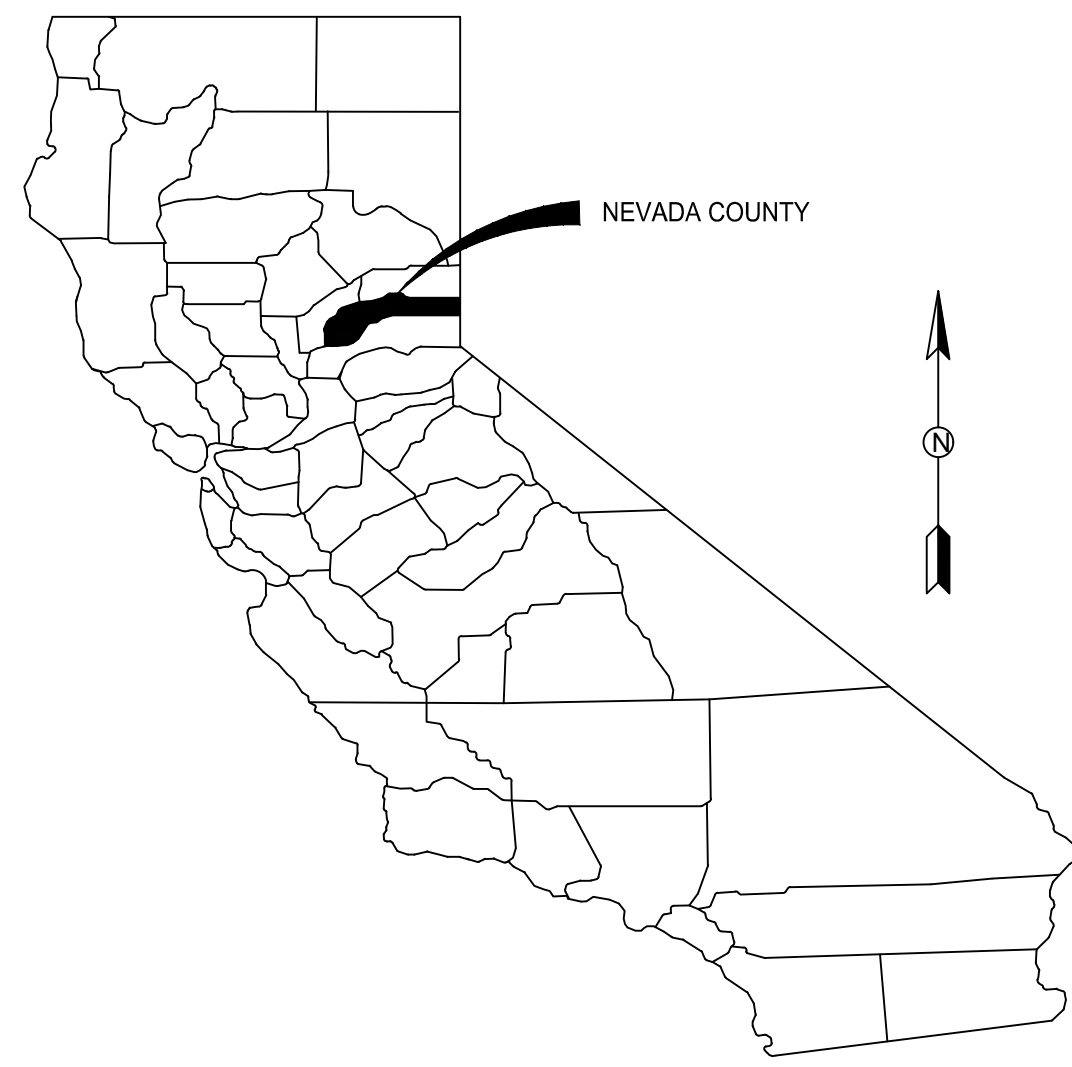
ADDRESS:

NOTE: Signatures of those executing for the surety must be properly acknowledged.

CITY OF GRASS VALLEY
ENGINEERING DIVISION
IMPROVEMENT PLANS FOR

CDBG MEMORIAL PARK FACILITIES IMPROVEMENTS PROJECT

PROJECT NO. 20-05



CONSTRUCTION LEGEND:

	STATION LINE
	(E) CURB; DIKE; DRIVEWAY
	(E) WALL
	(E) FENCE
	LOT/ROW LINE
	EASEMENT LINE
	(E) GAS
	(E) SEWER AND SIZE
	(E) STORM DRAIN AND SIZE
	(E) ELECTRIC
	(E) WATER
	(E) CONTOUR LINES
	DRAINAGE INLET
	FIRE HYDRANT
	WATER METER BOX
	MANHOLE (SS, SD, TEL, ELEC)
	VALVE (GAS, TEL, ARV, WTR)
	GUY POLE
	GUY WIRE
	LIGHT POST
	POLE
	SINGLE POLE SIGN
	MAILBOX
	TREE
	(E) SPOT ELEVATION
	DETAIL NO / PLAN SHEET
	CONSTRUCTION KEYNOTE

SHEET INDEX:

- | | |
|--|--|
| 1. TITLE SHEET | 11. MECHANICAL BUILDING & EQUIPMENT |
| 2. POOL DEMOLITION PLAN | 12. POOL PARKING LOT AND VICINITY PLAN |
| 3. POOL GRADING PLAN | 13. PARK DEMOLITION PLAN |
| 4. POOL UTILITY PLAN | 14. PARK WATER LINE REPLACEMENT |
| 5. LAP POOL DETAIL & SECTIONS | 15. PARK FACILITIES CONSTRUCTION I |
| 6. ACTIVITY POOL DETAIL & SECTIONS | 16. PARK FACILITIES CONSTRUCTION II |
| 7. POOL DETAILS I (REMOVED FROM BID SET) | 17. DETAILS I |
| 8. POOL DETAILS II (REMOVED FROM BID SET) | 18. DETAILS II |
| 9. POOL DETAILS III (REMOVED FROM BID SET) | 19. DETAILS III |
| 10. MECHANICAL BUILDING DEMO & STRUCTURAL | 20. DETAILS IV |

ABBREVIATIONS:

AB AGGREGATE BASE	PL PROPERTY LINE
AC ASPHALT CONCRETE	P PROPOSED
BOW BACK OF SIDEWALK	PSI POUNDS PER SQUARE INCH
C&G CURB AND GUTTER	PUE PUBLIC UTILITY EASEMENT
CF CUBIC FOOT	PVC POLYVINYL CHLORIDE
CL CENTERLINE	PVMT PAVEMENT
CY CUBIC YARD	R RADIUS
E ELECTRIC	RCP REINFORCED CONCRETE PIPE
(E) EXISTING	RW RETAINING WALL
ELEV ELEVATION	ROW RIGHT OF WAY
EOP EDGE OF PAVEMENT	SD STORM DRAIN
FL FLOW LINE	SF SQUARE FOOT
FT FEET	SY SQUARE YARD
FTG FOOTING	ST STREET
G GAS	STA STATION
ID INSIDE DIAMETER	STD STANDARD
IE INVERT ELEVATION	SW SIDEWALK
L LEFT	SS SANITARY SEWER
LF LINEAR FOOT	TBC TOP BACK OF CURB
MAX MAXIMUM	TBM TEMPORARY BENCHMARK
MH MANHOLE	TBW TOP BACK OF WALK
MIN MINIMUM	TFC TOP FACE OF CURB
MISC MISCELLANEOUS	TC TOP OF CURB
NO NUMBER	TP TELEPHONE POLE
NTS NOT TO SCALE	TS TRAFFIC SIGNAL
OD OUTSIDE DIAMETER	TW TOP OF WALK
PCC PORTLAND CEMENT CONCRETE	TYP TYPICAL

UTILITY/EMERGENCY CONTACTS:

WATER/SEWER/ STORM DRAIN:	CITY OF GRASS VALLEY 125 E MAIN ST GRASS VALLEY, CA 95945	530-274-4350
FIRE PROTECTION:	CITY OF GRASS VALLEY 125 E MAIN ST GRASS VALLEY, CA 95945	530-274-4370
ELECTRICITY/GAS:	PG&E 788 TAYLORVILLE RD, GRASS VALLEY, CA 95945	530-477-3260
TELEVISION:	COMCAST 427 EATON RD, CHICO, CA 95973	530-206-6172
PHONE:	AT&T 12824 EARHART DRIVE, AUBURN, CA 95602	530-888-2031
WATER:	NEVADA IRRIGATION DISTRICT 1036 W MAIN ST, GRASS VALLEY, CA 95945	530-273-6185

NOTES:

- THE CONTRACTOR SHALL POSSESS A VALID CALIFORNIA CLASS "A" CONTRACTOR'S LICENSE, OR A COMBINATION OF THE FOLLOWING CLASSES: C-5 - FRAMING AND ROUGH CARPENTRY CONTRACTOR, C-8 - CONCRETE CONTRACTOR, C10 - ELECTRICAL CONTRACTOR, C12 - EARTHWORK AND PAVING CONTRACTORS, C13 - FENCING CONTRACTOR, C21 - BUILDING MOVING/DEMOLITION CONTRACTOR, C27 - LANDSCAPING CONTRACTOR, C29 - MASONRY CONTRACTOR, C33 - PAINTING AND DECORATING CONTRACTOR, C36 - PLUMBING CONTRACTOR, C39 - ROOFING CONTRACTOR, C50 - REINFORCING STEEL CONTRACTOR, C53 - SWIMMING POOL CONTRACTOR, D-63 CONSTRUCTION CLEANUP CONTRACTOR, AND ALL OTHER CLASSES REQUIRED BY THE CATEGORIES AND TYPES OF WORK INCLUDED IN THE CONTRACT AT THE TIME OF THE BID AWARD. ALL LICENSES SHALL REMAIN IN EFFECT THROUGHOUT THE TERM OF THE CONTRACT.
- THE CONSTRUCTION METHODS AND MATERIALS SHALL CONFORM TO LATEST EDITIONS OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD PLANS, THE IMPROVEMENT STANDARDS AND STANDARD DRAWINGS OF THE CITY OF GRASS VALLEY AND THE CALIFORNIA MUTCD. IN CASE OF CONFLICT, REFER TO THE PROJECT SPECIAL PROVISIONS FOR ORDER OF PRECEDENCE.
- THE CITY OF GRASS VALLEY HAS MADE EVERY EFFORT TO SHOW LOCATIONS OF ANY AND ALL EXISTING SURFACE AND SUBSURFACE STRUCTURES. HOWEVER, ACTUAL FIELD CONDITIONS AND LOCATIONS CAN VARY CONSIDERABLY FROM PLAN LOCATIONS. THEREFORE, THE CITY OF GRASS VALLEY CANNOT, AND DOES NOT, ASSUME RESPONSIBILITY OF THE EXISTENCE OR LOCATION OF ANY STRUCTURE SUCH AS, BUT NOT LIMITED TO, UTILITIES, PIPELINES AND SEWERS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL AGENCIES AND/OR OWNERS TO VERIFY THIS INFORMATION PRIOR TO AND DURING CONSTRUCTION OF IMPROVEMENTS SHOWN HEREON, AND TO CONTACT THE ENGINEER IN THE EVENT OF ANY SIGNIFICANT DISCREPANCY.
- THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION OF, AND PROTECTING ALL EXISTING UTILITIES AND REPAIRING DAMAGE TO EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (1-800-227-2600) TWO WORKING DAYS PRIOR TO COMMENCEMENT OF EXCAVATION.

RECORD DRAWINGS NOTE:

ALL INFORMATION SHOWN ON THESE PLANS HAS BEEN PREPARED BY, OR UNDER THE DIRECTION OF, THE UNDERSIGNED ENGINEER. ADJUSTMENTS MADE IN THE FIELD DURING CONSTRUCTION ARE INCLUDED HEREIN AND ARE BASED UPON FIELD OBSERVATIONS MADE UNDER THE DIRECTION OF OR BY THE UNDERSIGNED AND/OR INFORMATION RECEIVED FROM THE CITY CONSTRUCTION INSPECTOR, PROJECT CONTRACTORS AND OTHER SOURCES WHEN THE ENGINEER IS ADVISED IN WRITING OF SUCH ADJUSTMENTS. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, CHANGES TO THESE PLANS NOT AUTHORIZED BY THE ENGINEER. ADJUSTMENTS MADE IN THE FIELD WERE NOT SURVEYED AND THE ACCURACY OF THESE DRAWINGS WITH RESPECT TO THOSE ADJUSTMENTS IS NOT GUARANTEED BY THE ENGINEER OR THE CITY OF GRASS VALLEY; FIELD VERIFICATION OF ALL IMPROVEMENTS IS RECOMMENDED.

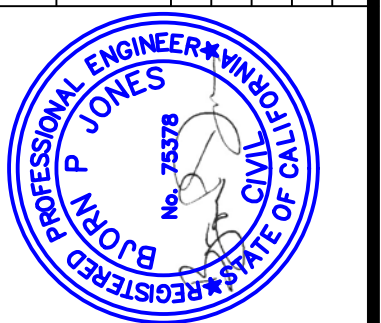
DATE	ENGINEER SIGNATURE (STAMP OR SEAL)
DEPUTY CITY CLERK	"APPROVED BY THE CITY COUNCIL OF THE CITY OF GRASS VALLEY THE 23RD DAY OF FEBRUARY 2021."
	75378 3/5/21 R.C.E. DATE
ASSISTANT CITY ENGINEER	

NOTE:

THE CITY OF GRASS VALLEY OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

REVISIONS

No.	Description	Engr Init	Date
1	UPDATE SHEET INDEX	BPJ	3/29/21

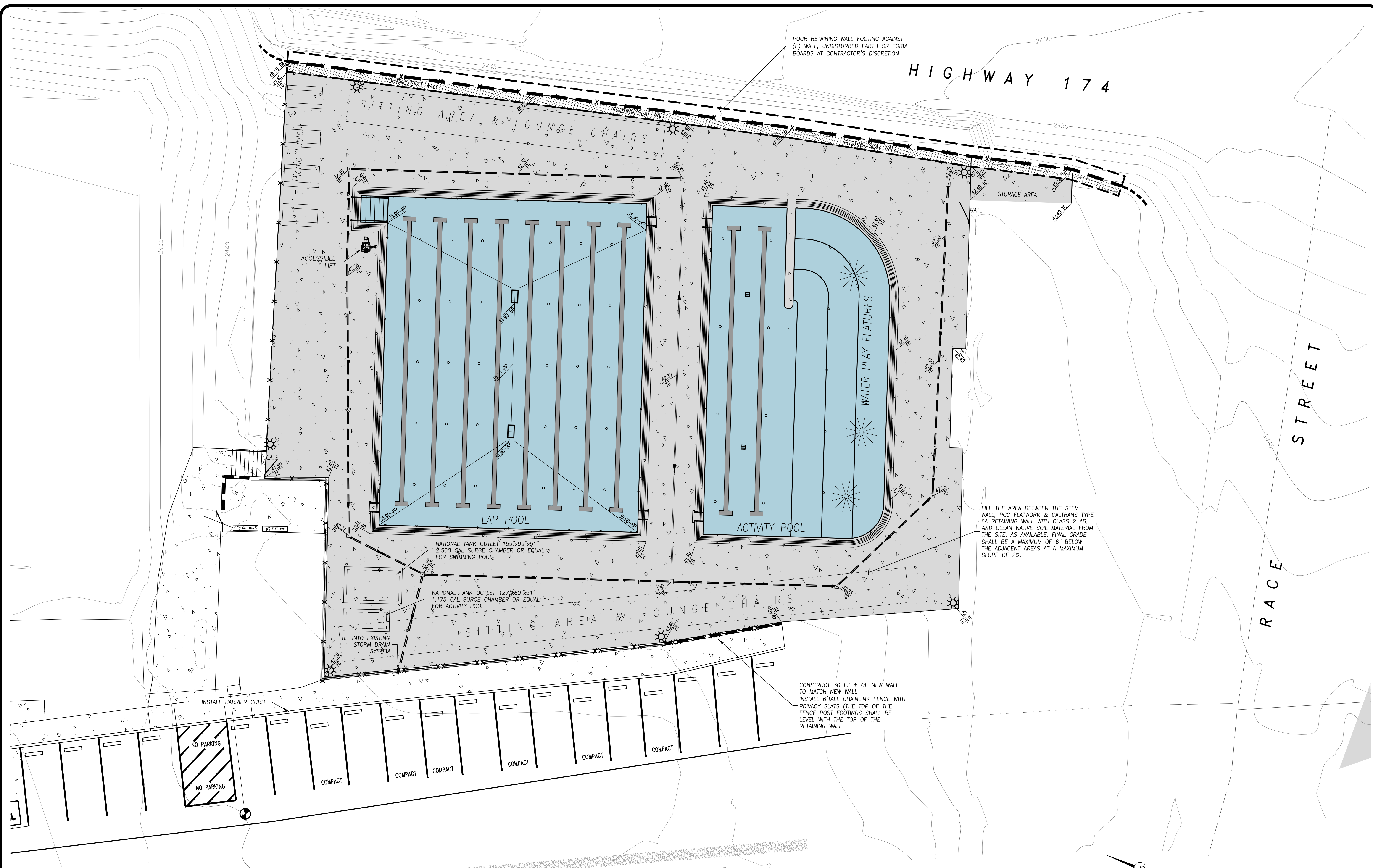


PROJECT NUMBER:
20-05

CITY OF GRASS VALLEY ENGINEERING DIVISION
CDBG MEMORIAL PARK FACILITIES IMPROVEMENT PROJECT
TITLE SHEET



DRAWN BY:	DATE:
SEH	JAN 2021
CHECKED BY:	DATE:
BPJ	FEB 2021
DRAWING NUMBER:	
2165	
SHEET NUMBER:	
1 of 20	



POUR RETAINING WALL FOOTING AGAINST (E) WALL, UNDISTURBED EARTH OR FORM BOARDS AT CONTRACTOR'S DISCRETION

HIGHWAY 174

RACE STREET

FILL THE AREA BETWEEN THE STEM WALL, PCC FLATWORK & CALTRANS TYPE 6A RETAINING WALL WITH CLASS 2 AB, AND CLEAN NATIVE SOIL MATERIAL FROM THE SITE, AS AVAILABLE. FINAL GRADE SHALL BE A MAXIMUM OF 6" BELOW THE ADJACENT AREAS AT A MAXIMUM SLOPE OF 2%.

CONSTRUCT 30 L.F. ± OF NEW WALL TO MATCH NEW WALL. INSTALL 6" TALL CHAINLINK FENCE WITH PRIVACY SLATS (THE TOP OF THE FENCE POST FOOTINGS SHALL BE LEVEL WITH THE TOP OF THE RETAINING WALL)

NATIONAL TANK OUTLET 159"x99"x51" 2,500 GAL SURGE CHAMBER OR EQUAL FOR SWIMMING POOL

NATIONAL TANK OUTLET 127"x60"x51" 1,175 GAL SURGE CHAMBER OR EQUAL FOR ACTIVITY POOL

TIE INTO EXISTING STORM DRAIN SYSTEM

INSTALL BARRIER CURB

NO PARKING

NO PARKING

COMPACT

COMPACT

COMPACT

COMPACT

COMPACT

COMPACT

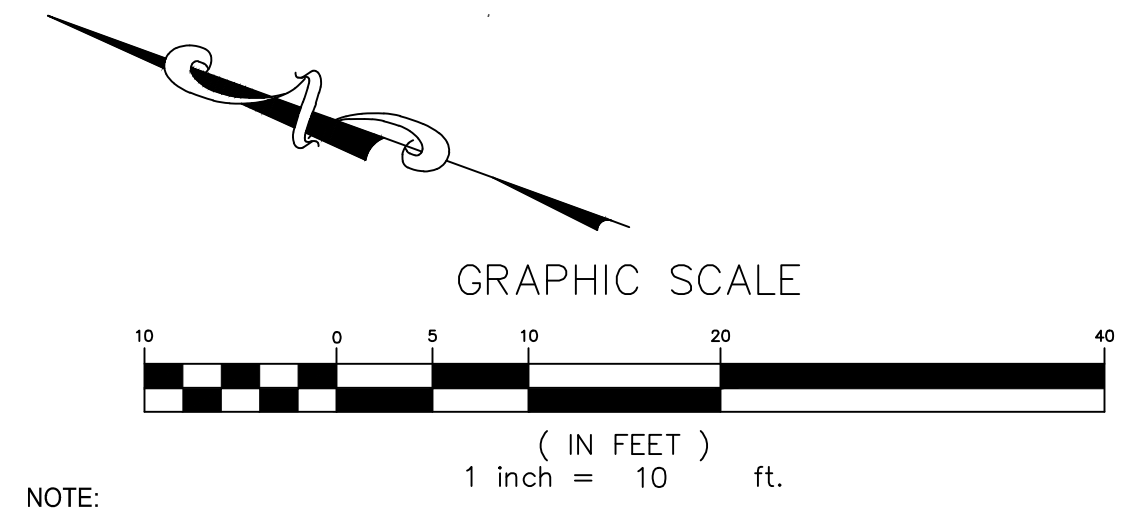
CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL POTHOLE AND VERIFY THE LOCATION OF ALL EXISTING UTILITIES THAT MAY PROPOSE A CONFLICT. VERIFICATION OF THE UTILITY LOCATIONS SHALL BE PROVIDED TO THE ENGINEER, PRIOR TO STARTING WORK.
2. THE CONTRACTOR SHALL OBTAIN A BUILDING PERMIT FROM THE CITY OF GRASS VALLEY BUILDING DIVISION PRIOR TO STARTING WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL OF THE REQUIREMENTS OF THE BUILDING PERMIT, AND TO FINAL THE PERMIT.
3. THE LAYOUT FOR THE NEW IMPROVEMENTS SHALL BE APPROVED IN THE FIELD BY THE ENGINEER PRIOR TO INSTALLATION.

4. THE NEW SIDEWALK, CURB AND GUTTER SHALL MATCH THE GRADE OF THE EXISTING SIDEWALK AT THE CONNECTION POINTS.
5. THE NEW CURB AND GUTTER SHALL MATCH THE GRADE OF THE EXISTING EDGE OF PAVEMENT.
6. ALL UTILITIES LIDS & BOXES TO BE ADJUSTED TO GRADE IN PROPOSED CONSTRUCTION AREA.

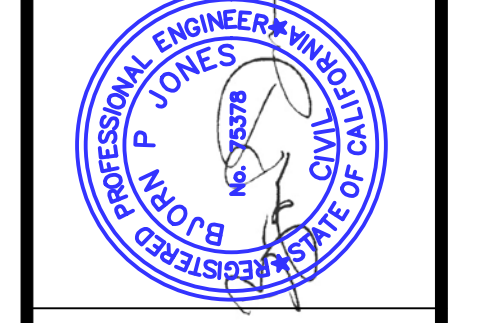
LEGEND

- INSTALL 6" PCC SIDEWALK/FLATWORK
- EXISTING STAMPED PCC (SLATE PATTERN)
- INSTALL 3" HMA ON 8" CL 2 AB
- INSTALL 6" CL 2 AB / SHOULDER BACKING
- BARE SUBGRADE
- INSTALL CALTRANS RETAINING WALL TYPE 6A (CASE 1)
- INSTALL KEystone COMPACT STRUCTURAL RETAINING WALL
- INSTALL 6" TALL CHAIN LINK FENCE WITH PRIVACY SLATS



NOTE:
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REVISIONS		APPROVAL	Date
No.	Description	Engr Init	By
1	REVISE ACT POOL LAYOUT		BPJ



PROJECT NUMBER:
20-05

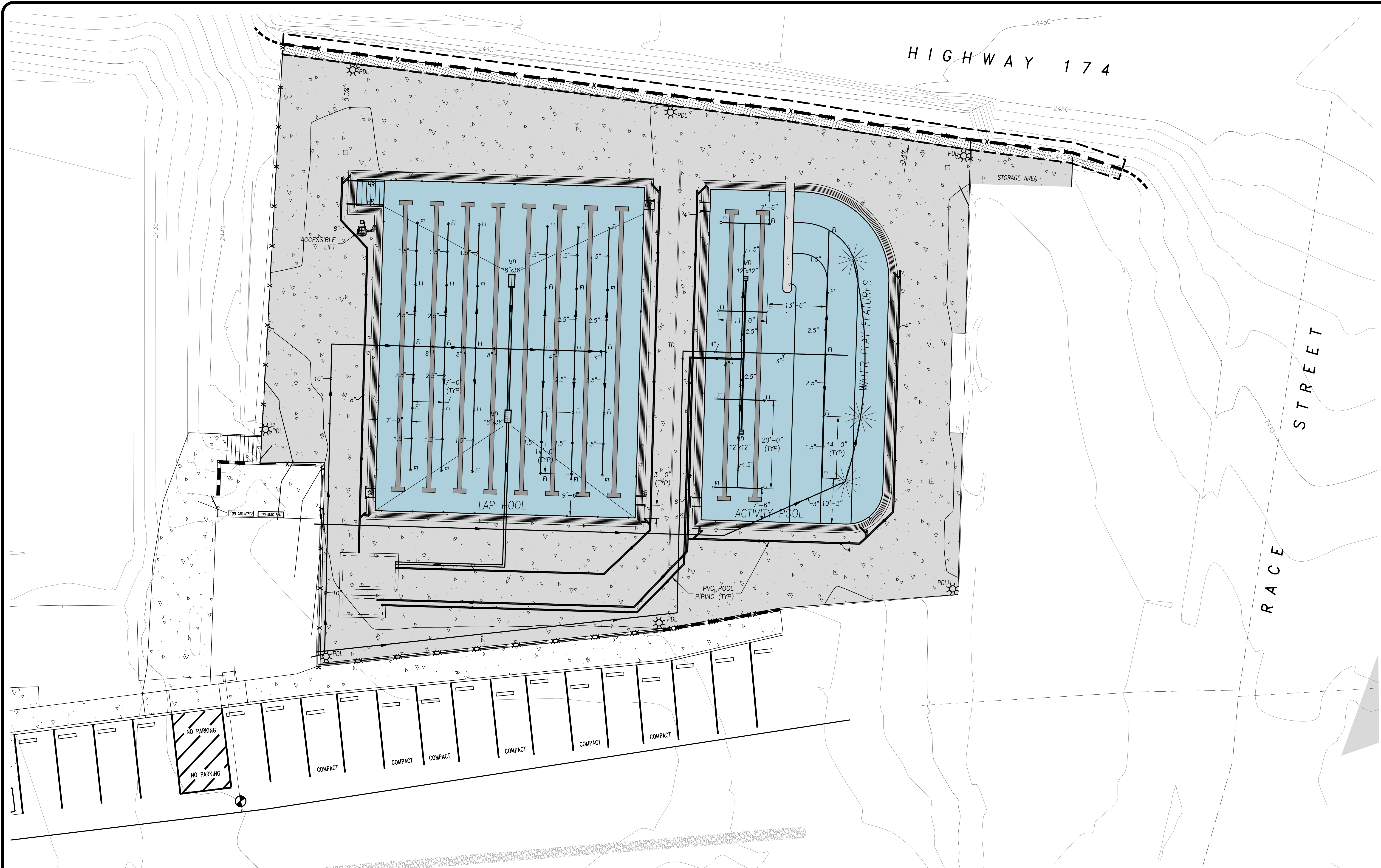
CITY OF GRASS VALLEY ENGINEERING DIVISION
**CDBG MEMORIAL PARK FACILITIES
IMPROVEMENT PROJECT
POOL CONSTRUCTION PLAN**



DRAWN BY: **RJL** DATE: **FEB 2021**
CHECKED BY: **BPJ** DATE: **FEB 2021**

DRAWING NUMBER:
2165

SHEET NUMBER:
3 of 20

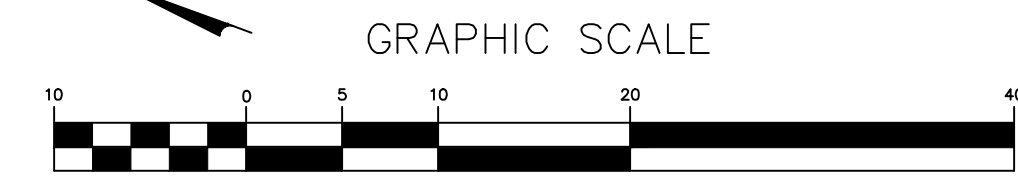


CONSTRUCTION NOTES

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6. ALL UTILITIES LIDS & BOXES TO BE ADJUSTED TO GRADE IN PROPOSED CONSTRUCTION AREA.

LEGEND

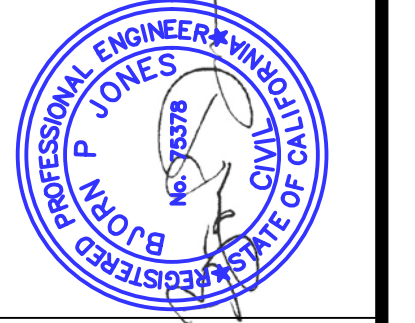
- MD = MAIN DRAIN
- FI = FLOOR INLET
- GR = GRABRAIL
- HR = HANDRAIL
- AL = ACCESSIBLE LIFT
- DM = DEPTH MARKER
- PDL = POOL-DECK LIGHTING
LED AREA LIGHT ON 4" ROUND, 16" TALL STEEL POLE W/ CONCRETE FOOTING
TRENCH DRAIN (T.D.S.) U100KX OR EQUAL



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REVISIONS

No.	Description	Engr Init	Date
1	REVISE ACT POOL LAYOUT	BPJ	3/29/21



PROJECT NUMBER:
20-05

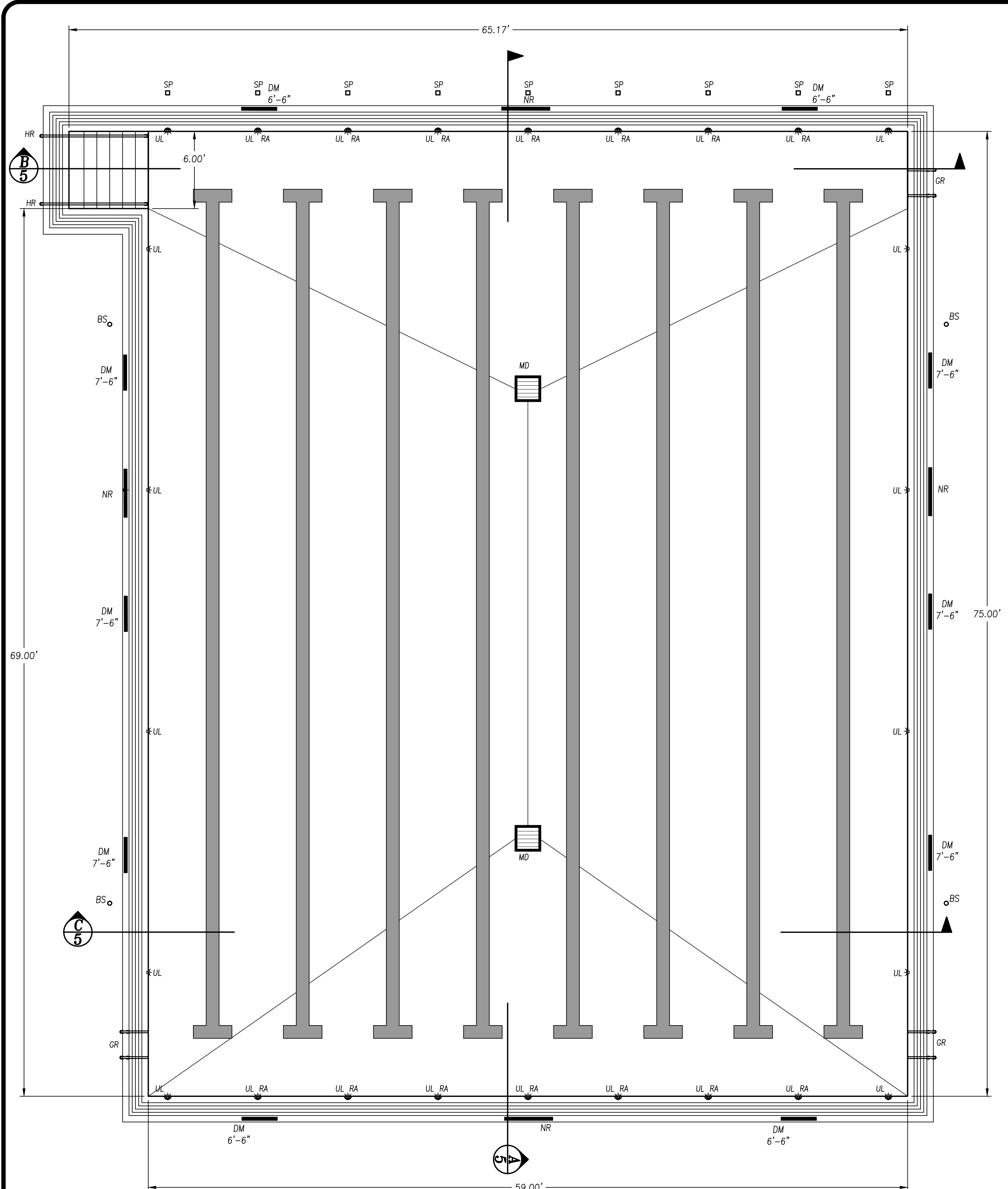
CITY OF GRASS VALLEY ENGINEERING DIVISION
**CDBG MEMORIAL PARK FACILITIES
IMPROVEMENT PROJECT**
POOL UTILITY PLAN



DRAWN BY: **RJL** DATE: **FEB 2021**
CHECKED BY: **BPJ** DATE: **FEB 2021**

DRAWING NUMBER:
2165

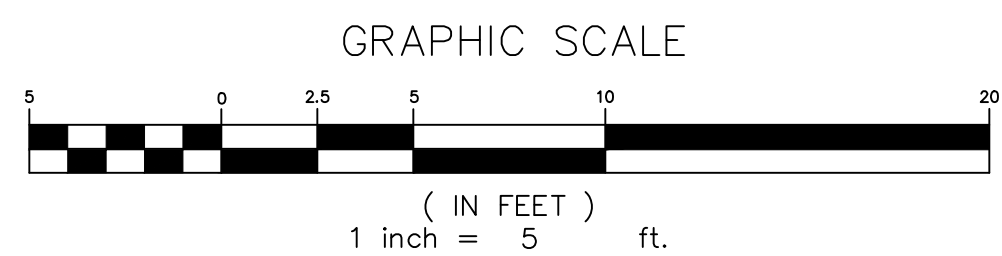
SHEET NUMBER:
4 of 20



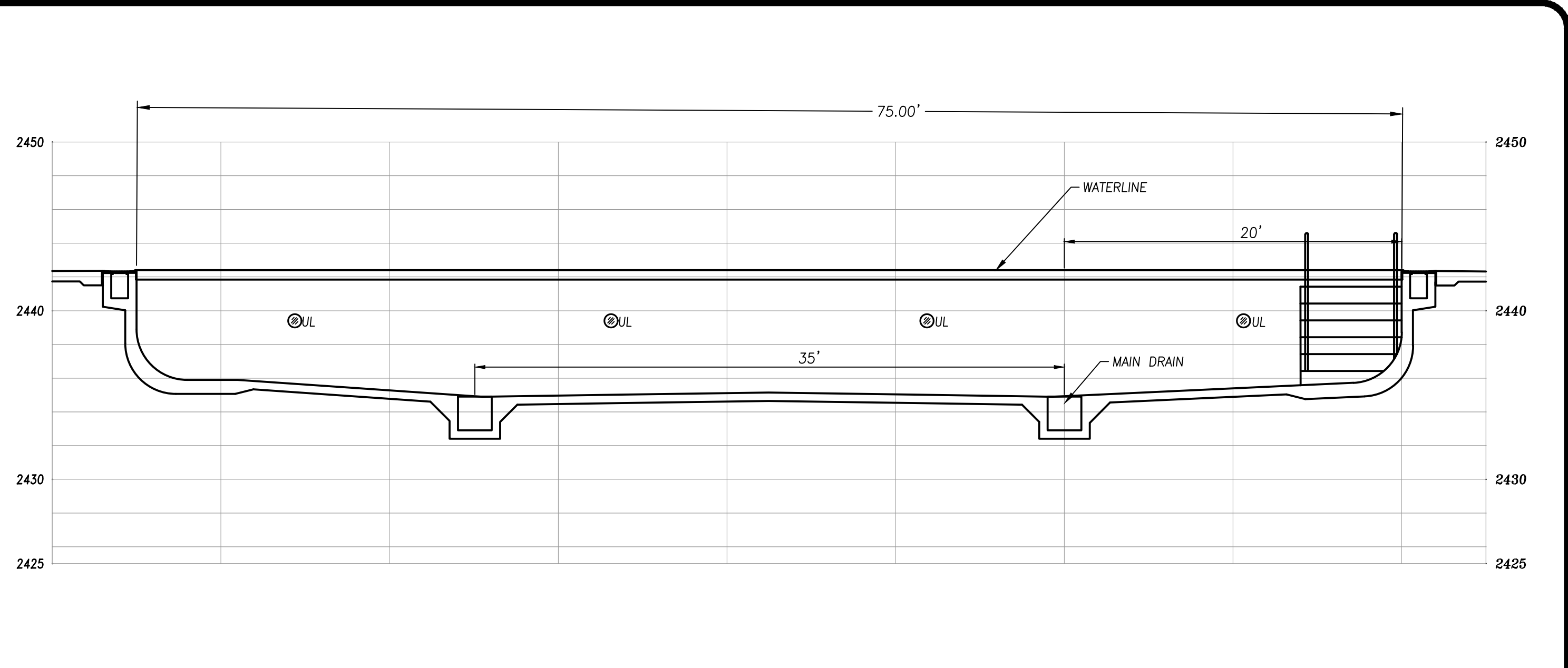
- LEGEND**
- MD = MAIN DRAIN
 - RA = ROPE ANCHOR
 - NR = 'NO RUNNING' MARKER
 - ND = 'NO DIVING' MARKER
 - DM = DEPTH MARKER
 - RLL = RACING LANE LINE
 - SP = START PLATFORM
PENTAIR PARAGON LONG REACH STANDARD COMPETITOR
STARTING PLATFORM OR EQUAL
 - UL = UNDER WATER LIGHT
J&J LPL-F5W-120-100-P OR EQUAL
 - BS = BACKSTROKE STANCHION

SWIMMING POOL DATA

- SURFACE AREA = 4,462.00 S.F.
- PERIMETER = 268 F.T.
- DEPTH = 6'-6" TO 7'-6"
- VOLUME = 231,300.00 GALLONS

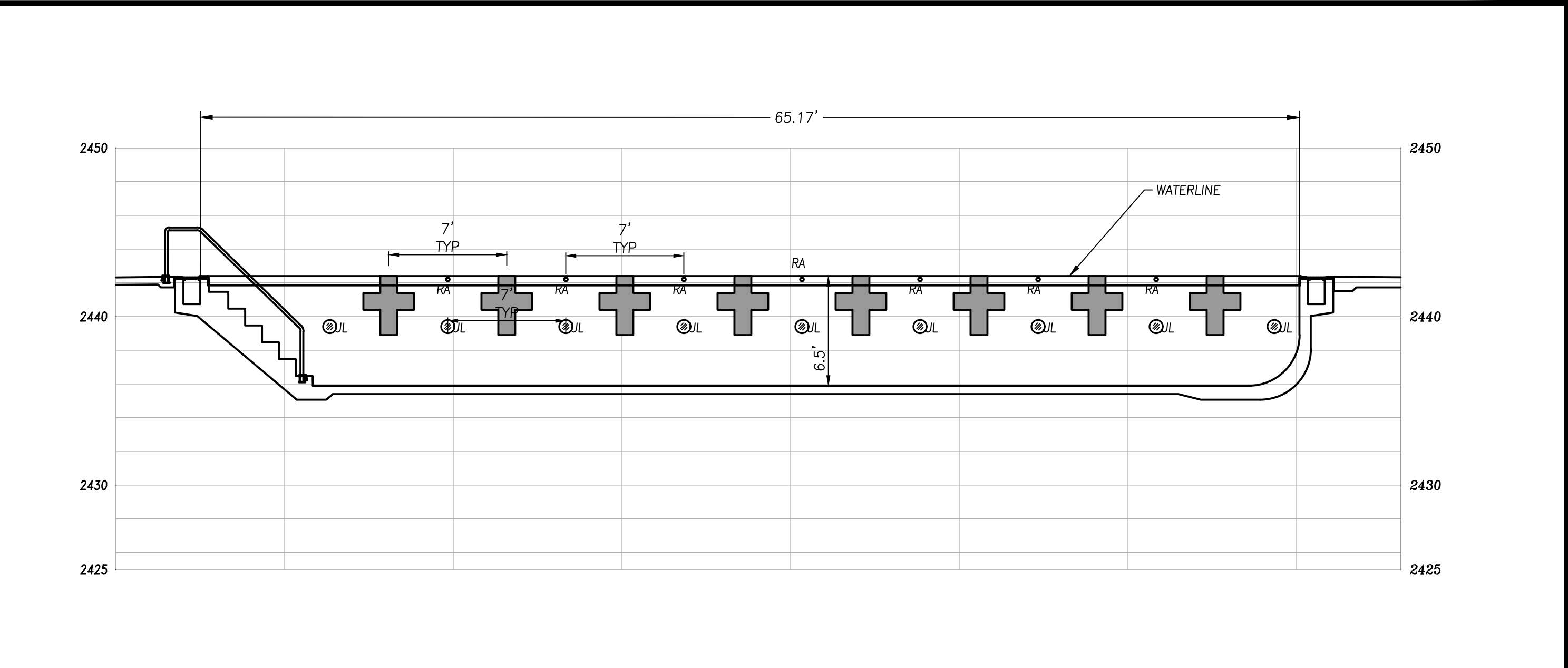


LAP POOL DETAIL



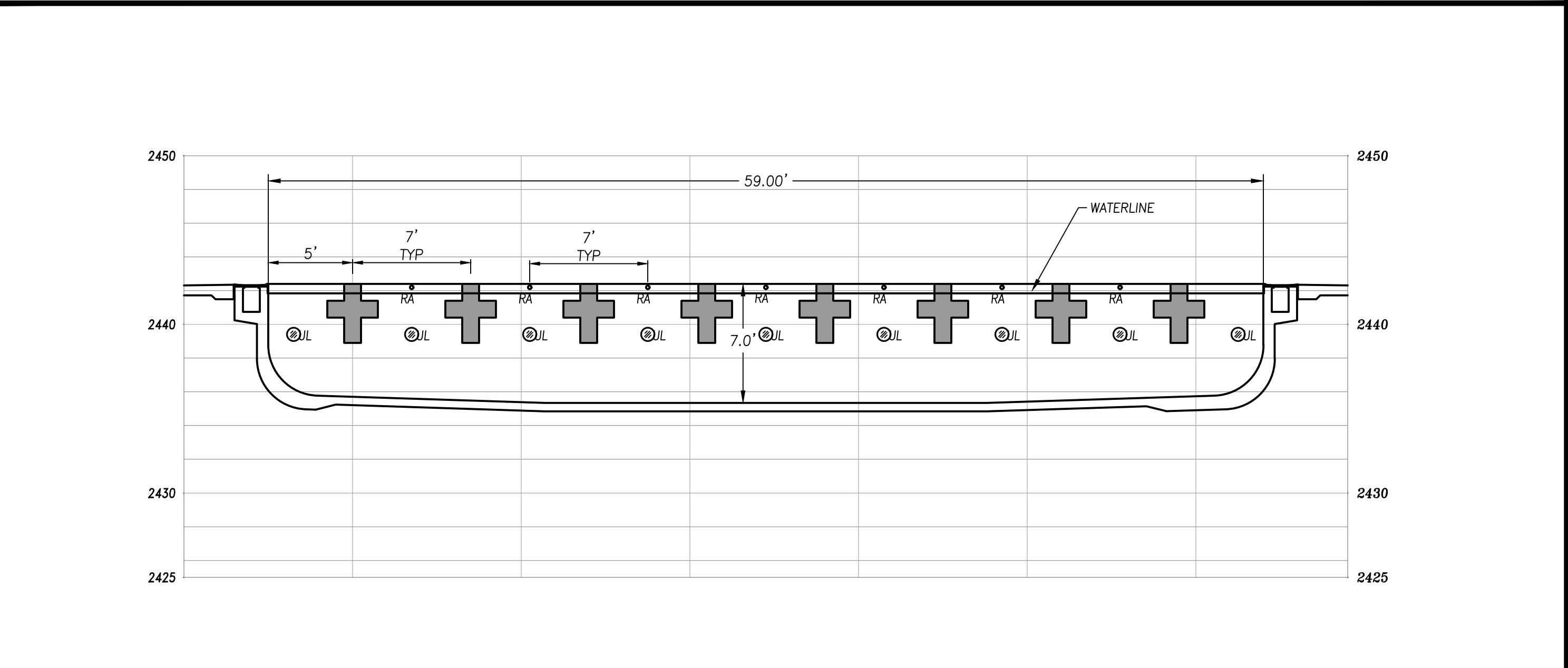
A LAP POOL SECTION

SCALE 1" = 6' HOR, VERT



B LAP POOL SECTION

SCALE 1" = 6' HOR, VERT

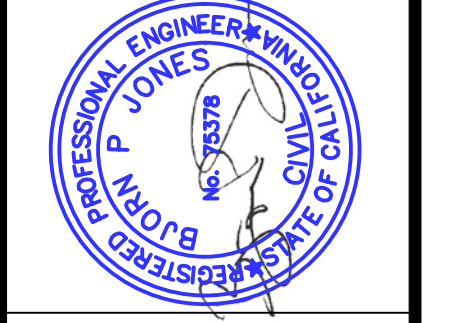


C LAP POOL SECTION

SCALE 1" = 6' HOR, VERT

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REVISIONS		APPROVAL	Date
No.	Description	Engr Init	By
1	REV REF TO DETAILS	BPJ	3/29/21



PROJECT NUMBER:
20-05

CITY OF GRASS VALLEY ENGINEERING DIVISION
**CDBG MEMORIAL PARK FACILITIES
 IMPROVEMENT PROJECT**
 LAP POOL DETAILS AND SECTIONS

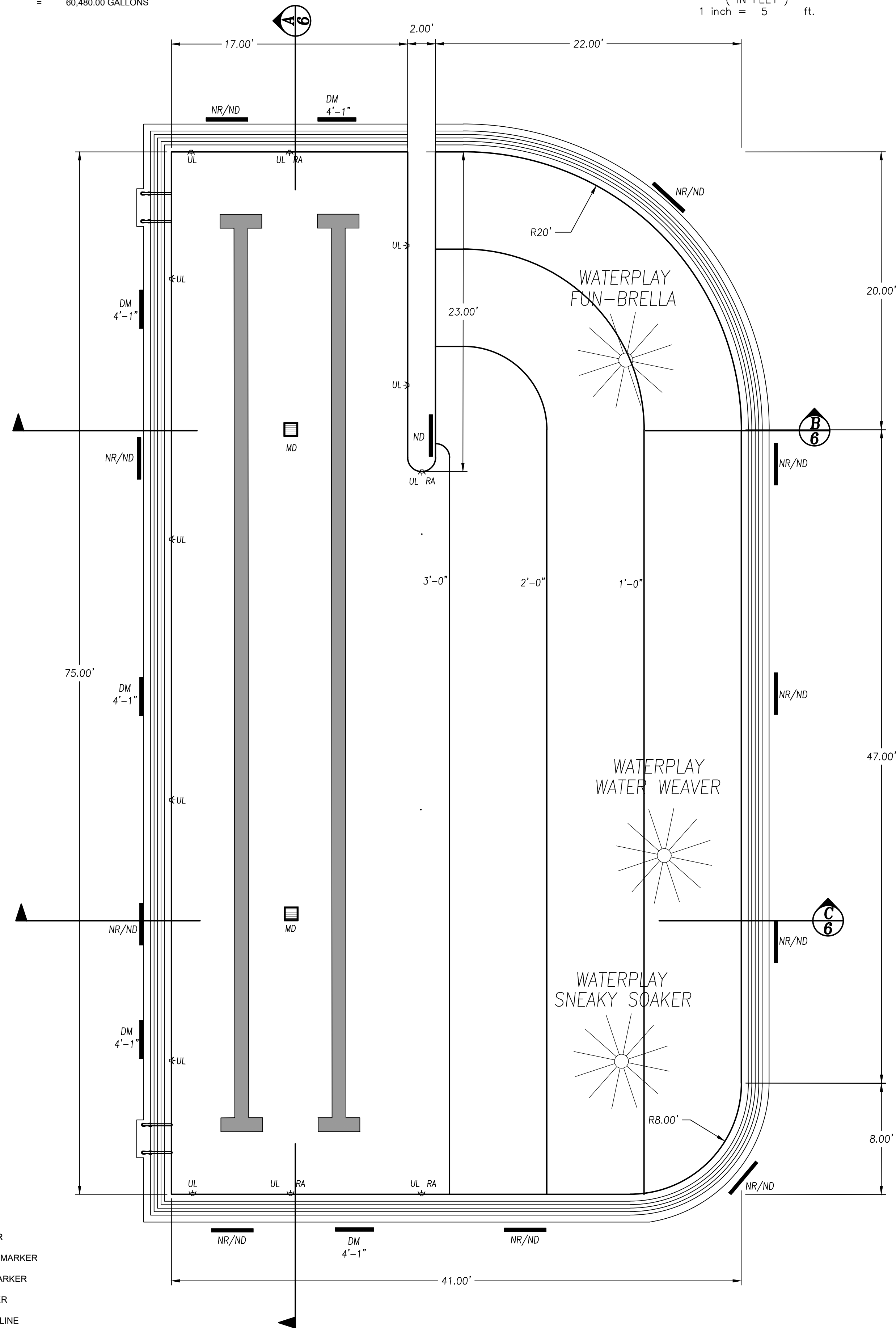
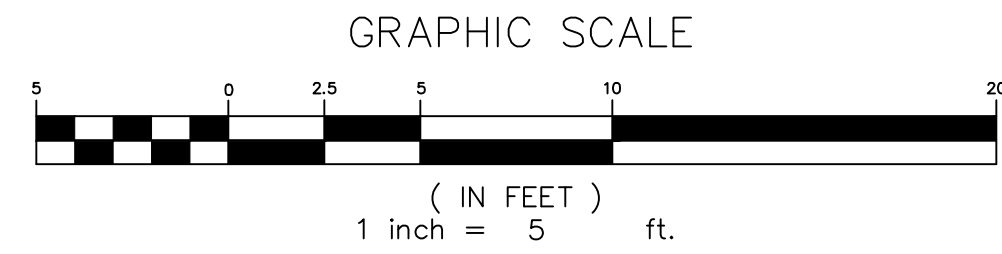


DRAWN BY: **RJL** DATE: **FEB 2021**
 CHECKED BY: **BPJ** DATE: **FEB 2021**

DRAWING NUMBER:
2165

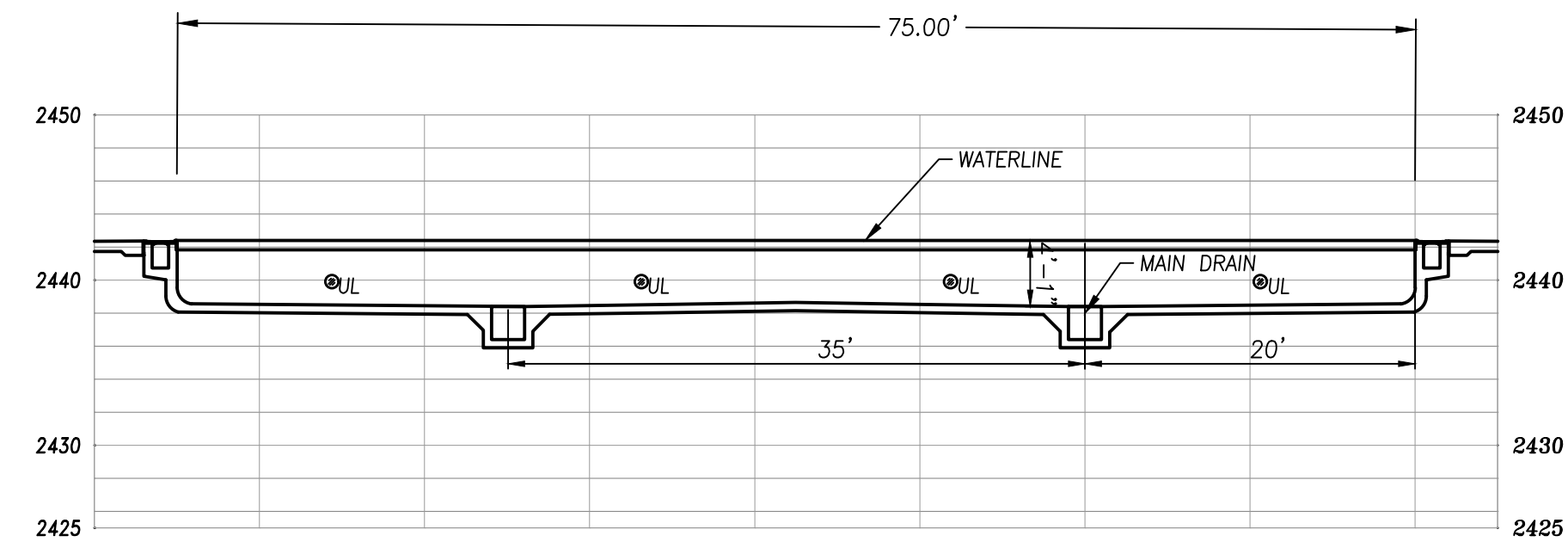
SHEET NUMBER:
5 of 20

ACTIVITY POOL DATA
 SURFACE AREA = 2,930.00 S.F.
 PERIMETER = 265 F.T.
 DEPTH = 0'-0" TO 4'-1"
 VOLUME = 60,480.00 GALLONS



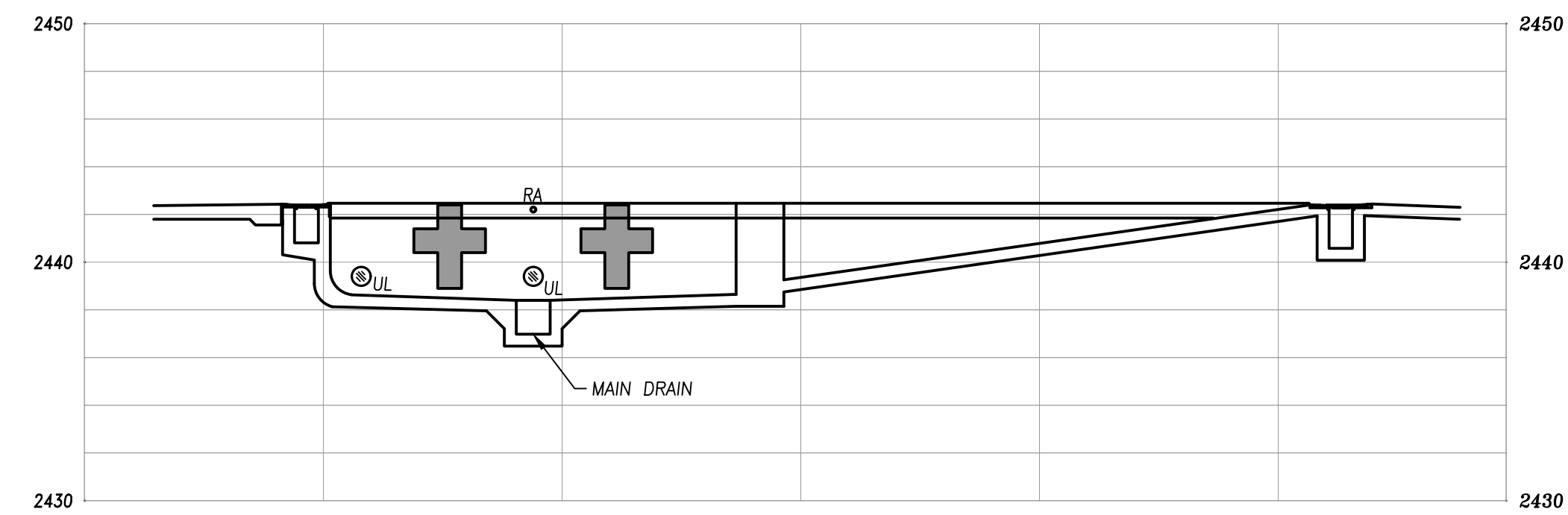
LEGEND
 MD = MAIN DRAIN
 RA = ROPE ANCHOR
 NR = 'NO RUNNING' MARKER
 ND = 'NO DIVING' MARKER
 DM = DEPTH MARKER
 RLL = RACING LANE LINE
 UL = UNDERWATER LIGHT
 J&J LPL-F5W-120-100-P OR EQUAL

ACTIVITY POOL DETAIL



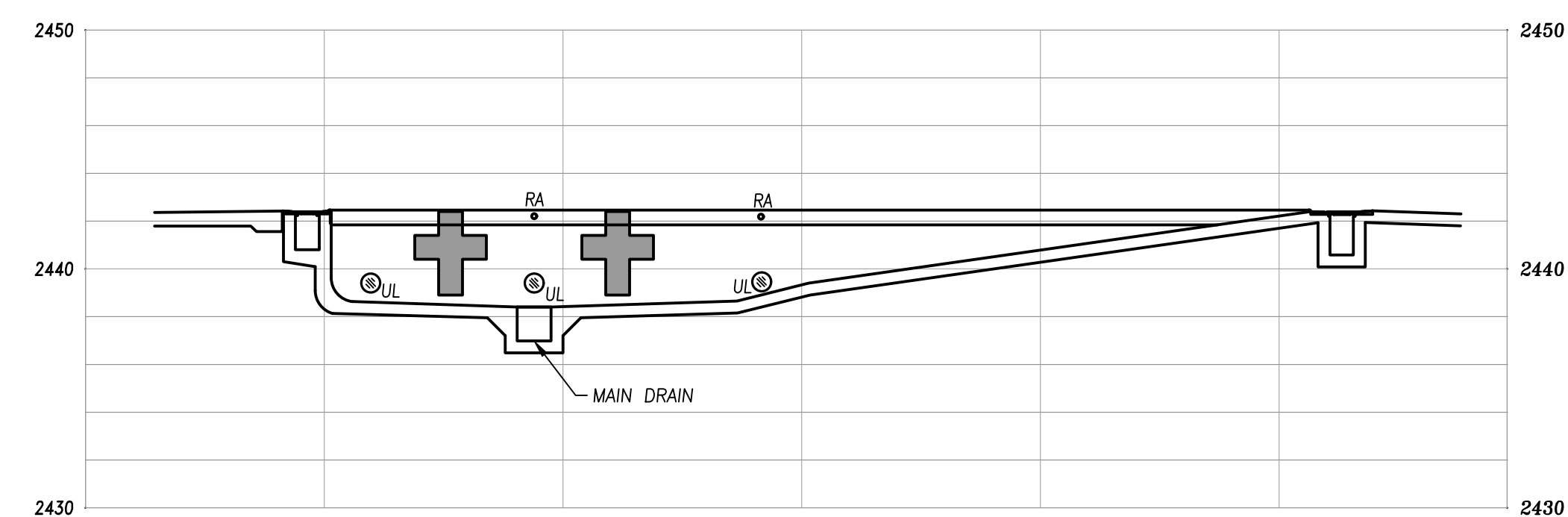
A ACTIVITY POOL SECTION

SCALE 1" = 10' HOR, VERT



B ACTIVITY POOL SECTION

SCALE 1" = 6' HOR, VERT

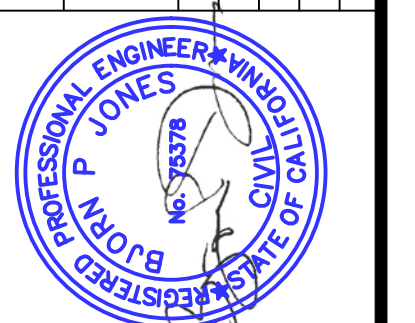


C ACTIVITY POOL SECTION

SCALE 1" = 6' HOR, VERT

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No.	Description	APPROVAL	
		Engr Init	Date
1	REVISE LAYOUT, DEPTH, R/W REF TO DETAILS	BPJ	3/29/21

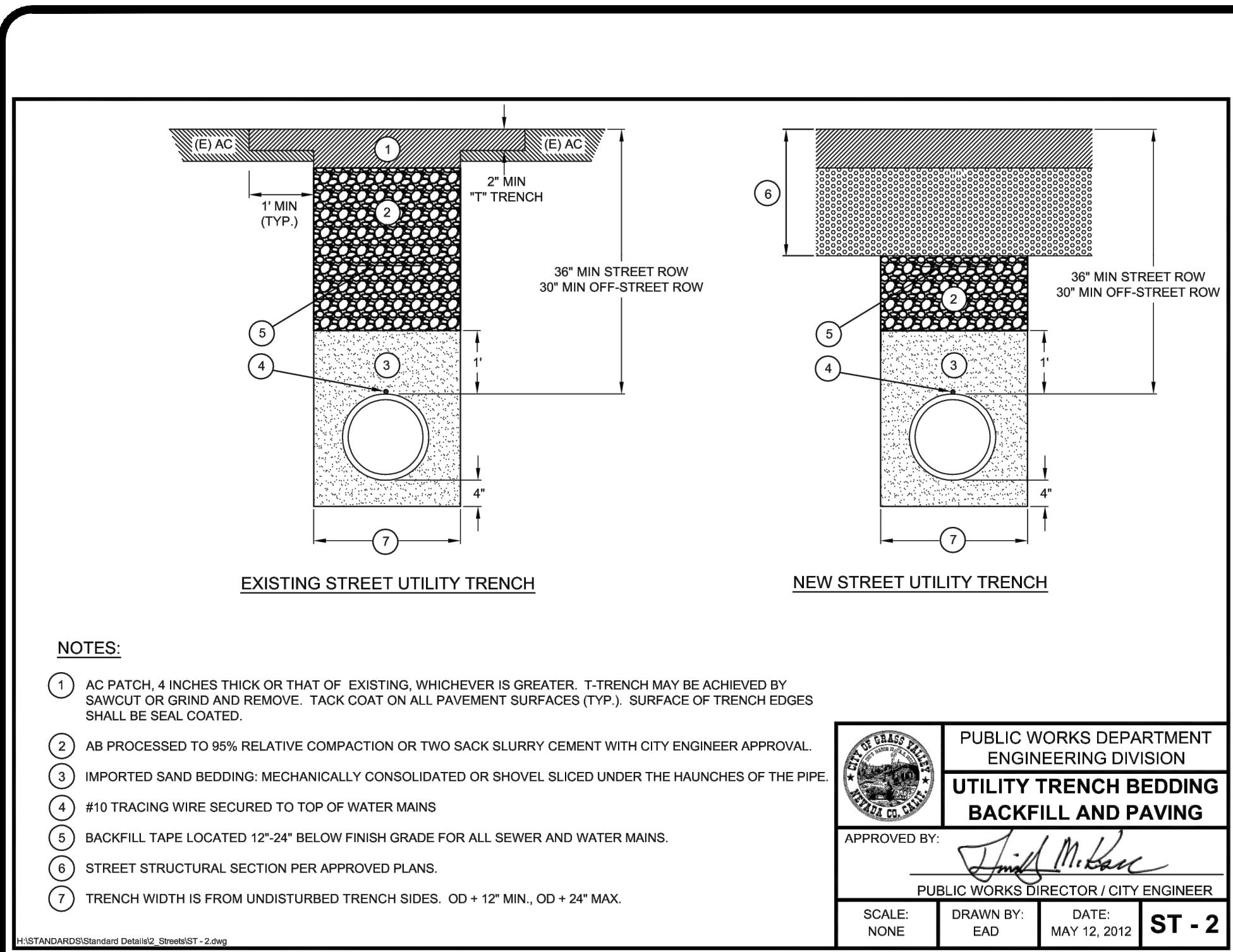


PROJECT NUMBER:
20-05

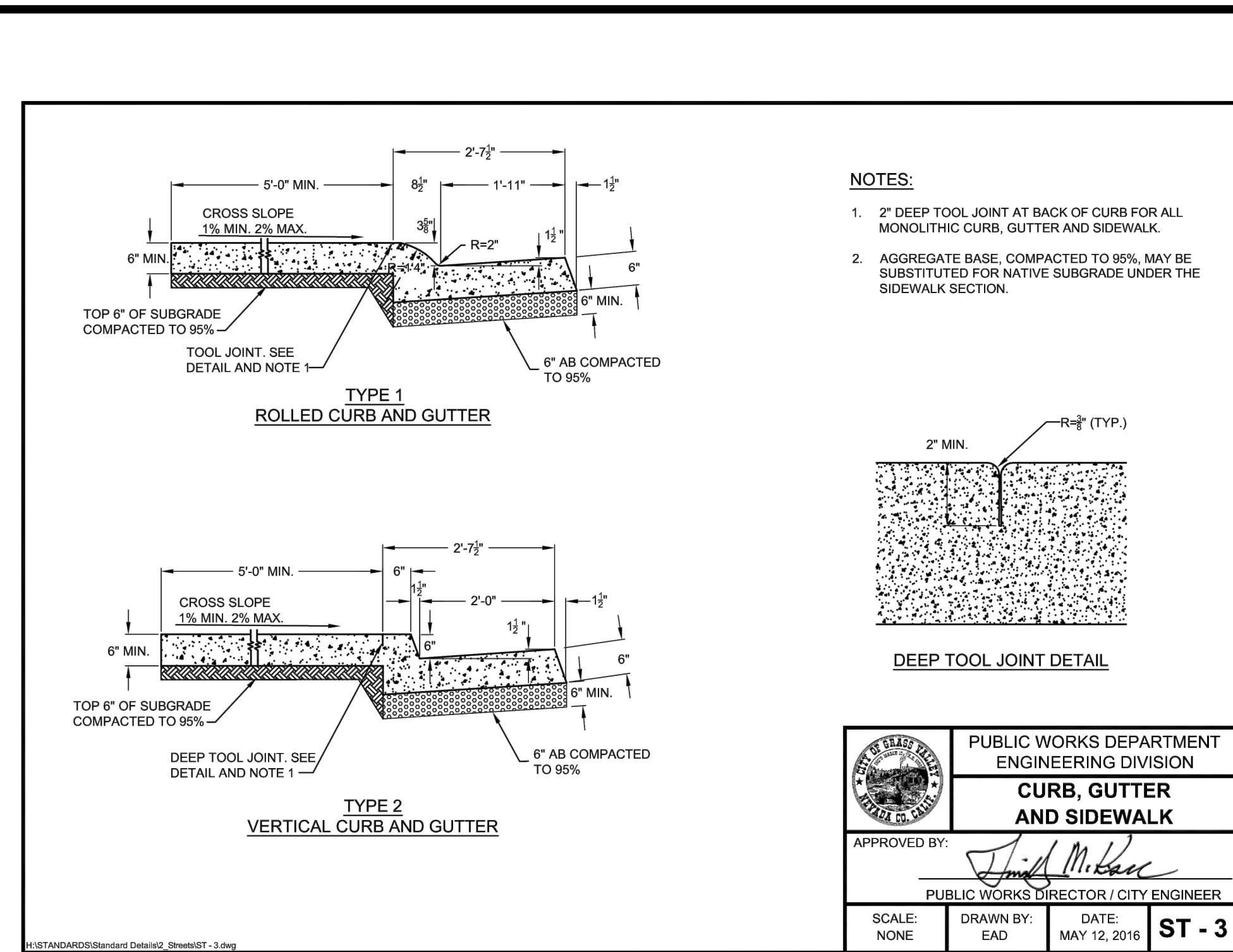
CITY OF GRASS VALLEY ENGINEERING DIVISION
**CDBG MEMORIAL PARK FACILITIES
 IMPROVEMENT PROJECT**
ACTIVITY POOL DETAILS AND SECTIONS



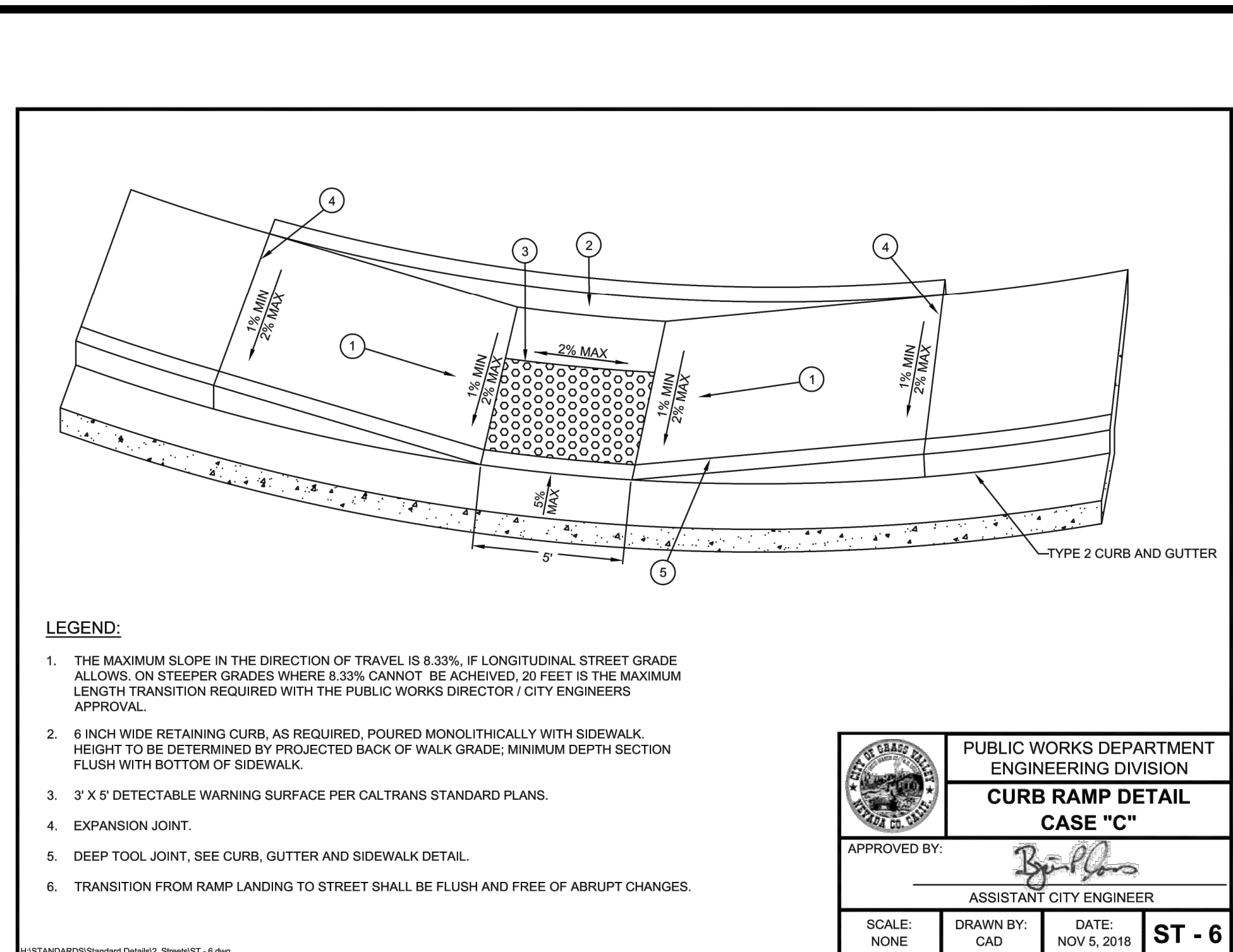
DRAWN BY: **RJL** DATE: **FEB 2021**
 CHECKED BY: **BPJ** DATE: **FEB 2021**
 DRAWING NUMBER:
2165
 SHEET NUMBER:
6 of 20



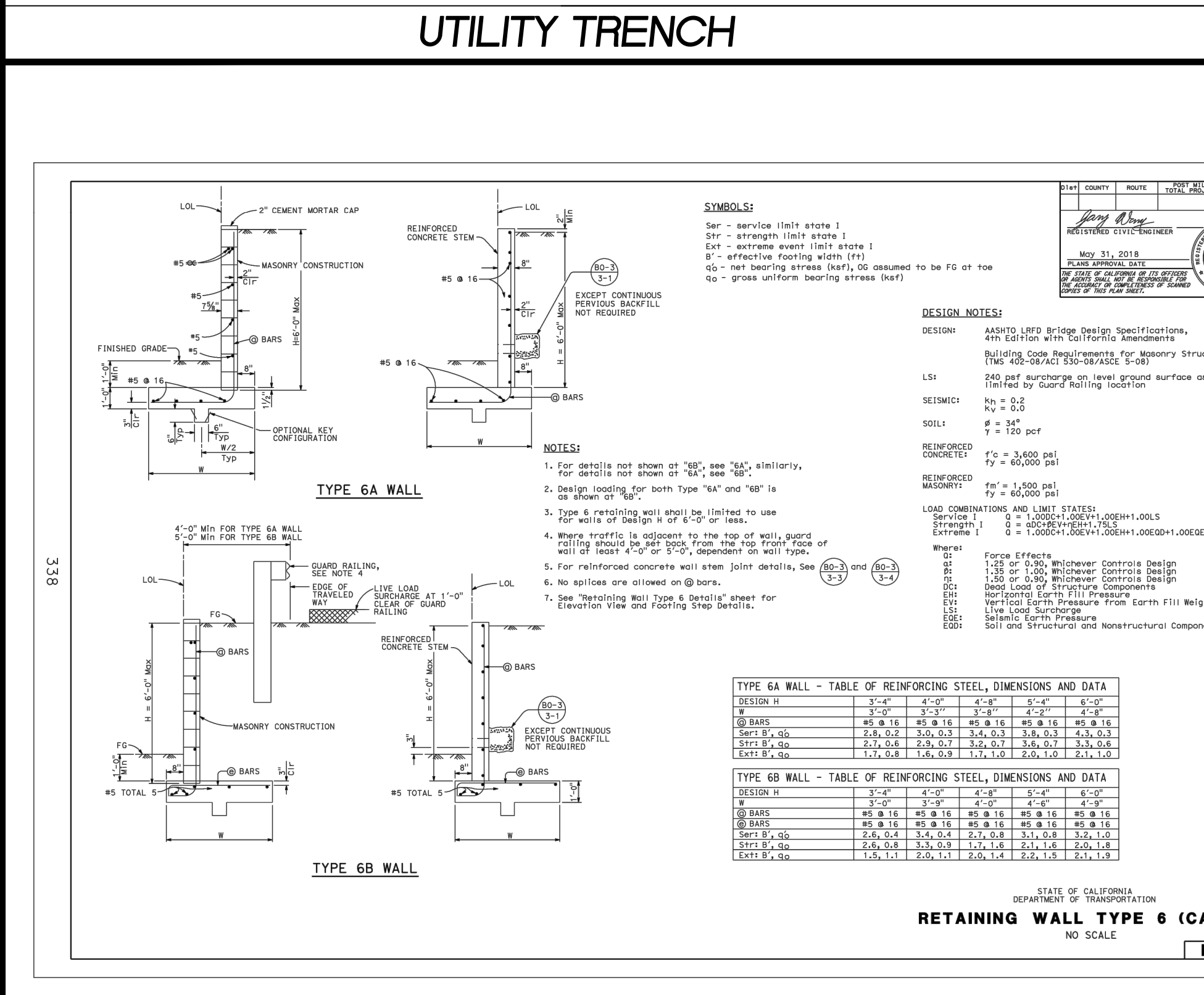
UTILITY TRENCH



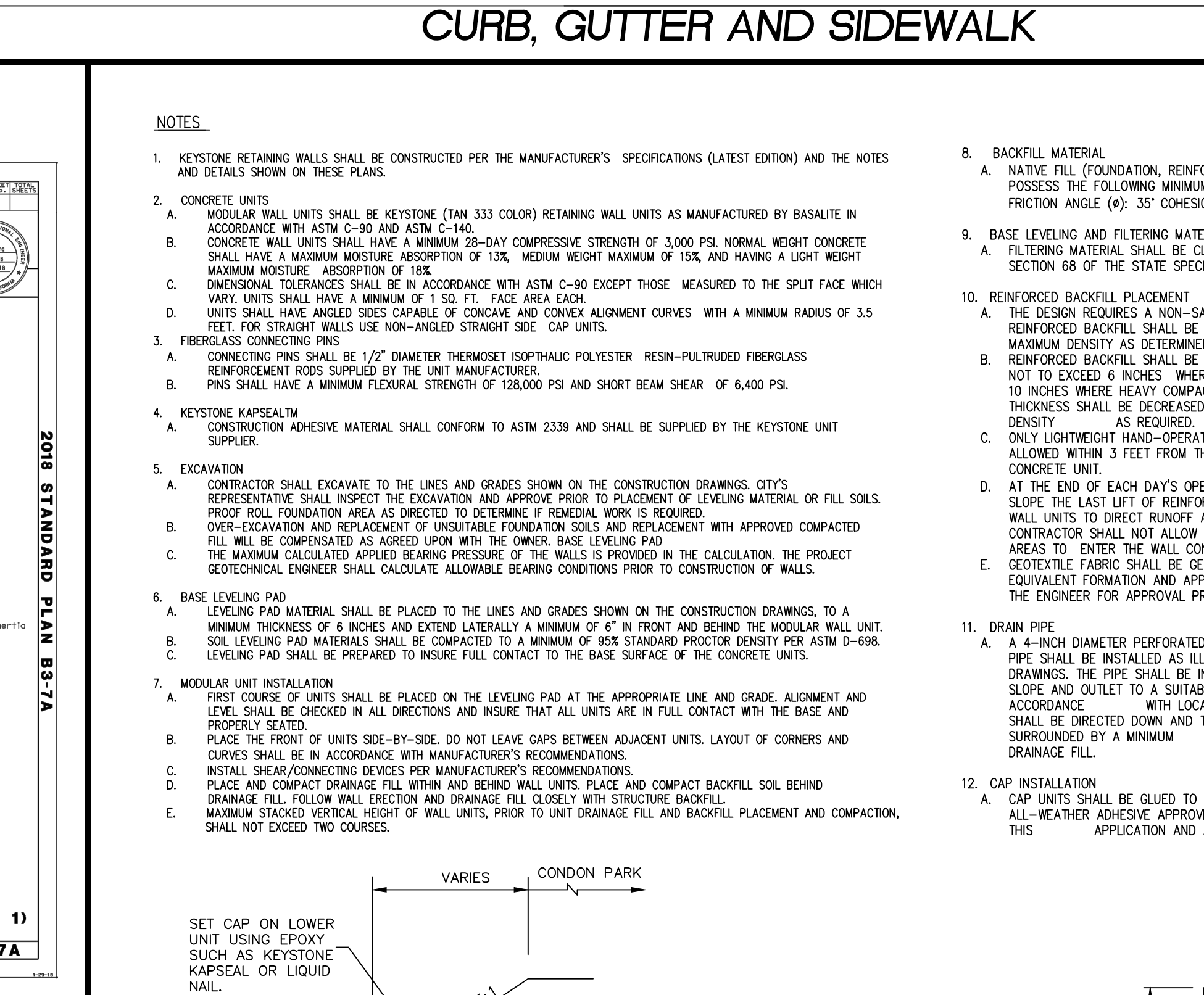
CURB, GUTTER AND SIDEWALK



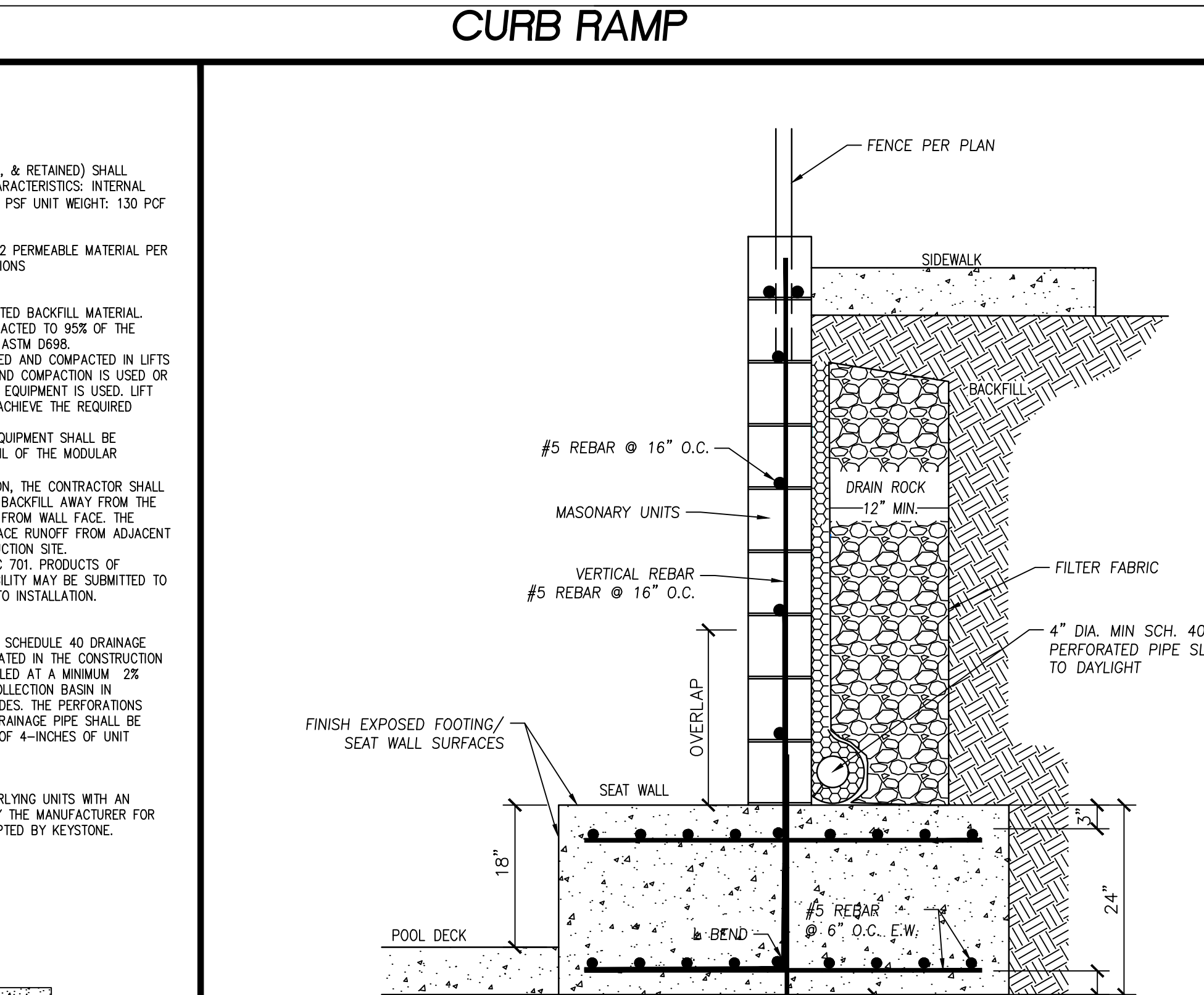
CURB RAMP



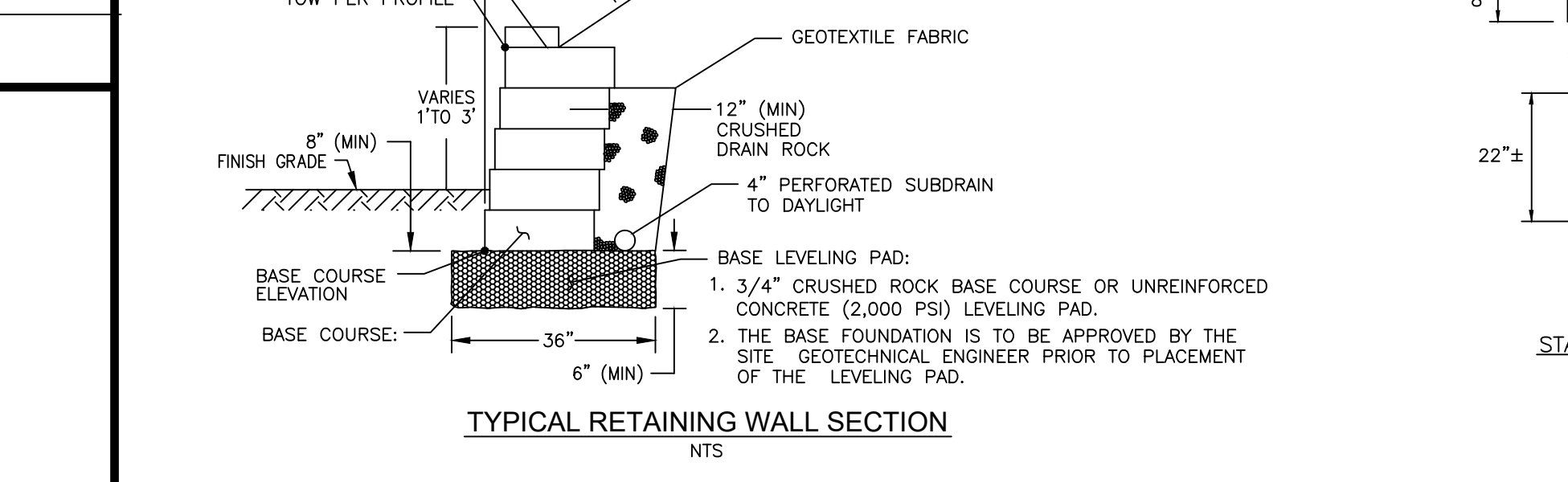
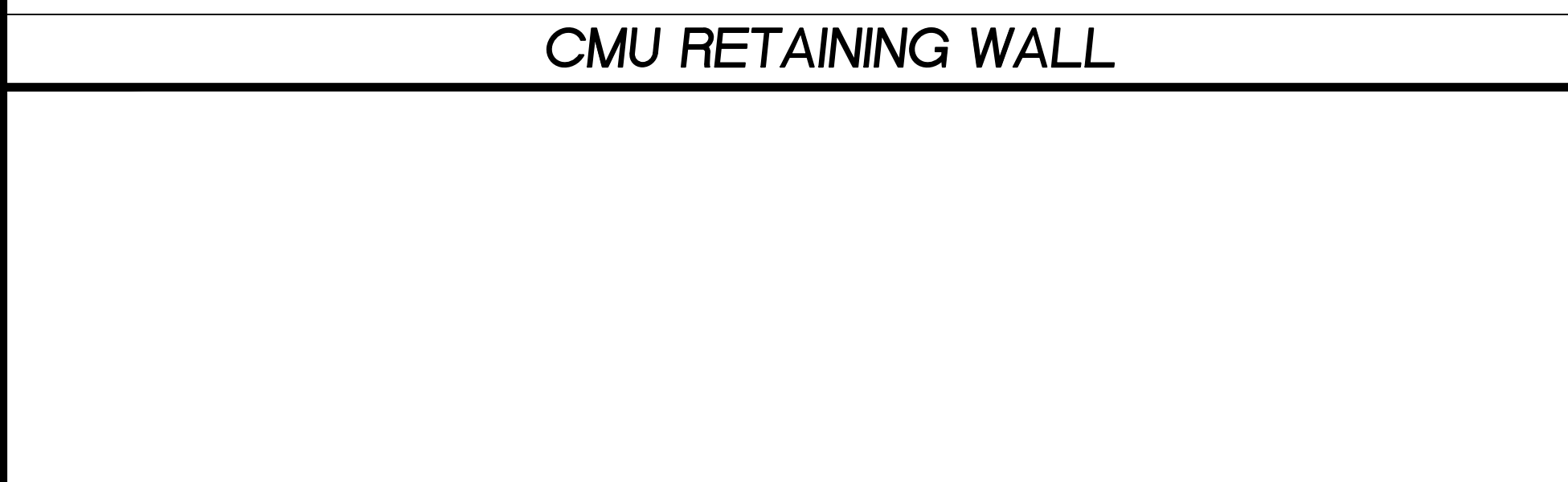
CMU RETAINING WALL



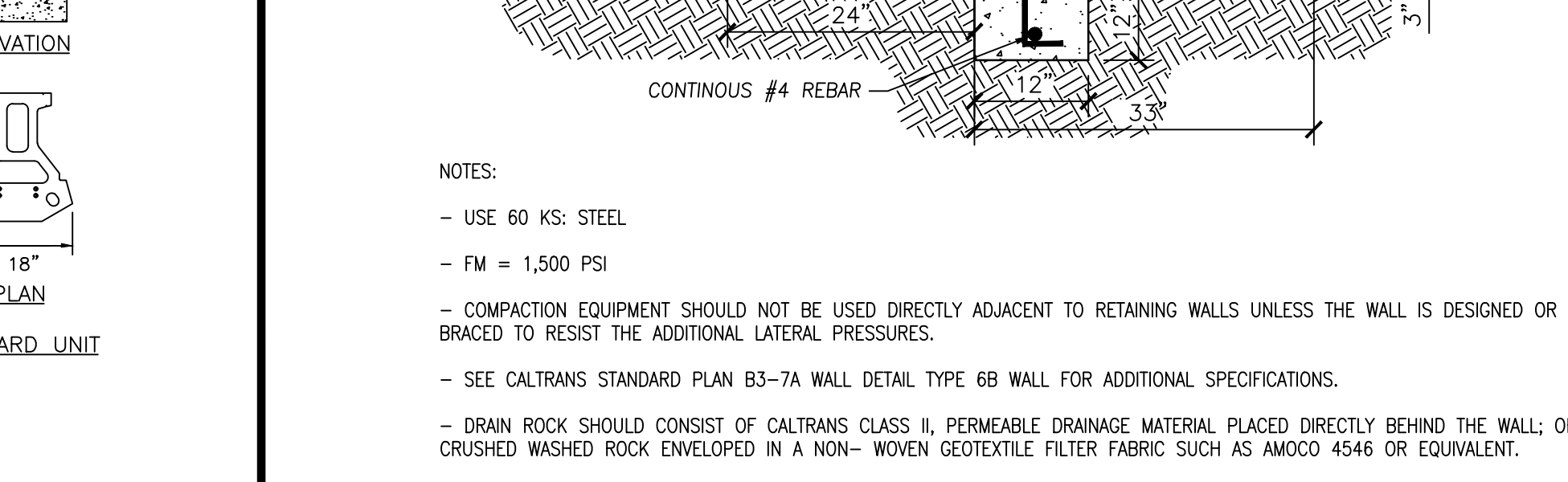
KEYSTONE BLOCK RETAINING WALL



SEAT RETAINING WALL



KEYSTONE BLOCK RETAINING WALL



SEAT RETAINING WALL

REVISIONS

No.	Description	Engr. Init	Date
1	ADD SEAT WALL DETAIL	BPJ	9/29/21

APPROVAL

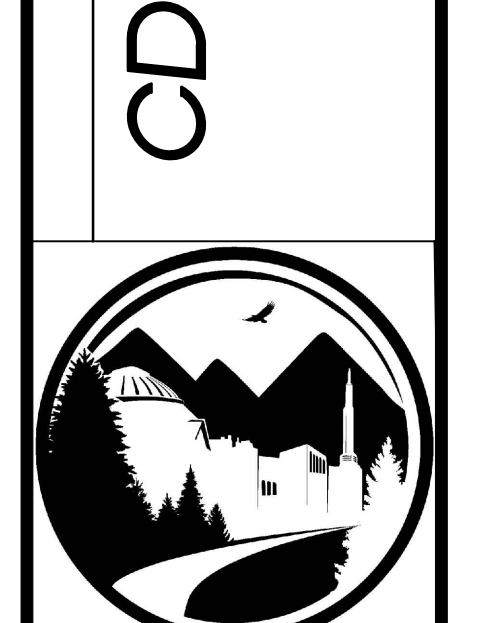
By: *[Signature]* Date: 9/29/21

PROJECT NUMBER: 20-05

CITY OF GRASS VALLEY ENGINEERING DIVISION

CDBG MEMORIAL PARK FACILITIES IMPROVEMENT PROJECT

DETAILS III



DRAWN BY: SEH **DATE:** JAN 2021

CHECKED BY: BPJ **DATE:** FEB 2021

DRAWING NUMBER: 2165

SHEET NUMBER: 19 of 20