SECTION 08 71 00 - DOOR HARDWARE - ADDENDUM # 1

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes items known commercially as finish or door hardware that are required for swing, sliding, and folding doors, except special types of unique hardware specified in the same sections as the doors and door frames on which they are installed.
- B. This Section includes the following, but is not necessarily limited to:
 - 1. Gate Hardware.

C. Related Sections:

- 1. The General Conditions, Supplementary Conditions and Division 1 are fully applicable to this Section, as if repeated herein.
- 2. Section 32 31 19 Decorative Metal Fences and Gates (for hinge/closer units).

D. Related Documents:

 Drawings and general provisions of Contract, including General and Supplementary Conditions of Division 1 Specification Sections, apply to this Section.

1.2 REFERENCES

- A. 2022 California Building Code, CCR, Title 24.
- B. BHMA Builders' Hardware Manufacturers Association
- CCR California Code of Regulations, Title 24, Part 2, California State Accessibility Standards.
- D. DHI Door and Hardware Institute
- E. UL Underwriters Laboratories.
 - UL 305 Standard for Panic Hardware
- F. WHI Warnock Hersey Incorporated
- G. SDI Steel Door Institute

1.3 SUBMITTALS & SUBSTITUTIONS

A. <u>General</u>: Submit in accordance with Conditions of the Contract and Division 1 Specification sections.

- B. Submit product data (catalog cuts) including manufacturers' technical product information for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.
- C. Submit six (6) copies of schedule organized vertically into "Hardware Sets" with index of doors and headings, indicating complete designations of every item required for each door or opening. Include the following information:
 - 1. Include a Cover Sheet with;
 - a. Job Name, location, telephone number.
 - b. Architects name, location and telephone number.
 - c. Contractor's name, location, telephone number and job number.
 - d. Suppliers name, location, telephone number and job number.
 - e. Hardware consultant's name, location and telephone number.
 - 2. Job Index information included;
 - a. Numerical door number index including; door number, hardware heading number and page number.
 - b. Complete keying information (referred to DHI hand-book "Keying Systems and Nomenclature"). Provision should be made in the schedule to provide keying information when available; if it is not available at the time the preliminary schedule is submitted.
 - c. Manufacturers' names and abbreviations for all materials.
 - d. Explanation of abbreviations, symbols, and codes used in the schedule.
 - e. Mounting locations for hardware.
 - f. Clarification statements or questions.
 - g. Catalog cuts and manufacturer's technical data and instructions.
 - 3. Vertical schedule format sample:
 - a. Single or pair with opening number and location.
 - b. Degree of opening
 - c. Hand of door(s)
 - d. Door and frame dimensions and door thickness.
 - e. Label requirements if any.

- f. Door by frame material.
- g. (Optional) Hardware item line #.
- h. Keyset Symbol.
- i. Quantity.
- j. Product description.
- k. Product Number.
- I. Fastenings and other pertinent information.
- m. Hardware finish codes per ANSI A156.18.
- n. Manufacture abbreviation.
- D. Make substitution requests in accordance with Division 1. Substitution requests must be made prior to bid date. Include product data and indicate benefit to the project. Furnish samples of any proposed substitution.
- E. <u>Wiring Diagrams</u>: Provide product data and wiring and riser diagrams for all electrical products listed in the Hardware Schedule portion of this section.
- F. <u>Keying Schedule</u>: Submit separate detailed schedule indicating clearly how the Owner's final instructions on keying of locks has been fulfilled.
- G. Templates for doors, frames, and other work specified to be factory prepared for the installation of door hardware. Check shop drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.
- H. Furnish as-built/as-installed schedule with close-out documents, including keying schedule and transcript, wiring/riser diagrams, manufacturers' installation and adjustment and maintenance information.
- I. <u>Fire Door Assembly Testing</u>: Submit a written record of each fire door assembly to the Owner to be made available to the Authority Having Jurisdiction (AHJ) for future building inspections.

1.4 QUALITY ASSURANCE

- A. Obtain each type of hardware (latch and lock sets, hinges, closers, exit devices, etc.) from a single manufacturer.
- B. <u>Supplier Qualifications</u>: A recognized architectural door hardware supplier, with warehousing facilities in the project's vicinity, that has a record of successful inservice performance for supplying door hardware similar in quantity, type, and quality to that indicated for this project and that employs an experienced architectural hardware consultant (AHC) who is available to Owner, Architect, and Contractor, at reasonable times during the course of the Work, for consultation.

- 1. Responsible for detailing, scheduling and ordering of finish hardware.
- Meet with Owner to finalize keying requirements and to obtain final
 instructions in writing. To maintain the integrity of patented key systems,
 provide a letter of authorization from the specified manufacturer indicating
 that supplier has authorization to purchase the key system directly from the
 manufacturer.
- 3. Stock parts for products supplied and are capable of repairing and replacing hardware items found defective within warranty periods.
- C. <u>Hardware Installer</u>: Company specializing in the installation of commercial door hardware with five years documented experience.
- D. <u>Fire-Rated Openings</u>: Provide door hardware for fire-rated openings that complies with NFPA Standard No. 80 and requirements of authorities having jurisdiction. Provide only items of door hardware that are listed and tested by UL or Warnock Hersey for given type/size opening and degree of label. Provide proper latching hardware, door closers, approved-bearing hinges and seals whether listed in the Hardware Schedule or not.
 - Where emergency exit devices are required on fire-rated doors, (with supplementary marking on doors' UL labels indicating "Fire Door to be Equipped with Fire Exit Hardware") provide UL label on exit devices indicating "Fire Exit Hardware".
- E. <u>Exit Doors</u>: Operable from inside with single motion without the use of a key or special knowledge or effort.
- F. Product packaging to be labelled in compliance with CA Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986.
- G. Pre-Installation Conference:
 - 1. Schedule a pre-installation conference at least one week prior to beginning work of this section.
 - 2. <u>Attendance</u>: Architect, Construction Manager, Contractor, Security Contractor, Hardware Supplier, Installer, Key Owner Personnel, and Project Inspector.
 - 3. <u>Agenda</u>: Review hardware schedule, products, installation procedures and coordination required with related work. Review Owner's keying standards.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Coordinate delivery of packaged hardware items to the appropriate locations (shop or field) for installation.
- B. Hardware items shall be individually packaged in manufacturers' original containers, complete with proper fasteners. Clearly mark packages on outside to indicate contents and locations in hardware schedule and in work.

- C. Provide locked storage area for hardware, protect from moisture, sunlight, paint, chemicals, etc.
- D. Contractor to inventory door hardware jointly with representatives of hardware supplier and hardware installer until each all are satisfied that count is correct.

1.6 WARRANTY

- A. Provide warranties of respective manufacturers' regular terms of sale from day of final acceptance as follows:
 - 1. Locksets: "L" Series (3) years "ND" Ten (10) years.
 - 2. <u>Electronic</u>: One (1) year.
 - 3. <u>Closers</u>: Thirty (30) years –1260 twenty (20) years –Concealed High Security fifteen (15) years except electronic closers shall be two (2) years.
 - 4. Exit Devices: Three (3) years.
 - 5. All other hardware: Two (2) years.

1.7 MAINTENANCE

A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

PART 2 – PRODUCTS

2.1 MANUFACTURERS

<u>lt</u>	em	Manufacturer	Acceptable Substitutes
Н	inges	Refer to Section 32 31	19
L	ocks, Latches and Cylinders	Schlage	Or Approved Equal
Ε	xit Devices	Von Duprin	Or Approved Equal
Р	ush, Pulls & Protection Plates	Ives	Trimco, BBW, DCI
S	tops	lves	Trimco, BBW, DCI

2.2 MATERIALS

- A. <u>Hinges</u>: Refer to Section 32 31 19 Decorative Metal Fences and Gates for ornamental gates and to the hardware groups at the end of this section for Chain Link Gates.
- B. Exit Devices: Von Duprin as scheduled.

1. CD98L-AX-996L-KC (Single Door)

- 626 finish
- 2. CD98L-AX-996L-KC x CD98DT x KR4954 Mullion x 154 (Pairs) 626 finish
- 3. Provide certificate by independent testing laboratory that device has completed over 1,000,000 cycles and can still meet ANSI/BHMA A156.3 2001 standards.
- 4. All internal parts shall be of cold-rolled steel with zinc dichromate coating.
- 5. Non-handed basic device design with center case interchangeable with all functions.
- 6. All devices shall have quiet return fluid dampeners.
- 7. All latch bolts shall be deadlocking with ¾" throw and have a self-lubricating coating to reduce friction and wear.
- 8. Device shall bear UL label for fire and or panic as may be required.
- 9. All surface strikes shall be roller type and utilize a plate underneath to prevent movement.
- 10. <u>Lever Trim</u>: "Breakaway" design, forged brass or bronze escutcheon with a minimum of .130" thickness, match lockset lever design.
- 11. All Exit Devices to be sex-bolted to the doors.
- 12. Panic Hardware shall comply with CBC Section 11B.404.2.7 and shall be mounted between 34" and 44" above the finished floor surface.
 - a. The unlatching force shall not exceed 15 lbs. applied in the direction of travel.
- C. Closers: Refer to Section 32 31 19 Decorative Metal Fences and Gates.
- D. Door Stops: Ives as scheduled.
 - 1. FS18S (Exterior Floor)

626 finish

- 2. Unless otherwise noted in Hardware Sets, provide floor type with appropriate fasteners. Where wall type cannot be used, provide floor type. If neither can be used, provide overhead type.
- 3. Do not install floor stops more than four (4) inches from the face of the wall or partition (CBC Section 11B-307).
- 4. Overhead stops shall be made of stainless steel and non-plastic mechanisms and finished metal end caps. Field-changeable hold-open, friction and stoponly functions.
- E. <u>Door Holders</u>: Ives as scheduled.
 - 1. WS452-4 Series Automatic Holder (Door)

626 finish

2. FS40 Series Automatic Holder (Wall)

626 finish

- a. Backing required at wall holders
- b. Allow for maximum door swing
- F. <u>Protection Plates</u>: Ives as scheduled.

1. Kick Plate: 8400-10" x 2" LDW 630 finish or black

2. Push / Pull Plate: 8200 x 8302-6x 4x16 630 finish

3. Lock Protector: LP-13, LP-12 626 finish

- 4. Fabricate either kick, armor, or mop plates with four beveled edges. Provide kick plates 10" high and 2" LDW. Sizes of armor and mop plates shall be listed in the Hardware Schedule. Furnish with machine or wood screws of bronze or stainless to match other hardware.
- G. <u>Keying</u>: Schlage as scheduled.
 - Furnish a Proprietary Schlage master key system as directed by the owner or architect. Key system to be designated and combination-d by the Schlage Master Key Department even if pinned by the Authorized Key Center, Authorized Security Center or a local authorized commercial dealer. This is to be a Schlage PrimusXP "Classic" keying system. SCUSD to verify all keyways. Provide as follows:

a. 6 pin x Standard Core plug (ND Series) 626 finish

b. 6 pin x Rim type x IC Core (Exit Device) 626 finish

c. 6 pin x 1-1/4" Mortise x IC Core (KR Mullions and CD) 626 finish

- 2. A detailed keying schedule is to be prepared by the owner and/or architect in consultation with a representative of Allegion or an Authorized Key Center or Authorized Security Center. Each keyed cylinder on every keyed lock is to be listed separately showing the door #, key group (in BHMA terminology), cylinder type, finish and location on the door.
- 3. Establish a new master key system for this project as directed by the keying schedule.
- 4. Furnish all cylinders in the Schlage conventional style except the exit device and removable mullion cylinders which will be supplied in Schlage Full Size Interchangeable Core (FSIC). Pack change keys independently (PKI).
- Furnish PrimusXP "Classic" keyway Patent Protected Schlage cylinders where noted. Furnish all other cylinders in matching conventional "Classic" keyway. Furnish Patent Protected Schlage keys for all cylinders. (e.g., Primus XP Classic Keyway for patent protected / Maximum control) (with mix of conventional "Classic" keyway)

- 6. Furnish construction keying for doors requiring locking during construction.
 - a. For FSIC systems provide 23-030-ICX Full Size Construction Cores
 - b. For FSIC systems provide ten 48-101-ICX Construction Keys
 - c. For FSIC systems provide two 48-056-ICX Control Keys (const.)
 - d. For FSIC systems provide two control keys for installing the permanent cores (49- 056 for "Classic" keyways, 48-052-XP for "Classic Primus").

-OR-

- 7. Furnish construction keying for doors requiring locking during construction.
 - a. For "Split Key" Construction Cylinders (non-IC cylinders) specify "CK" for each keyed cylinder.
 - b. Provide ten Construction Keys (48-104 "Classic")
 - c. Provide two Extractor Tools (35-057)
- 8. Furnish all keys with visual key control.
 - a. Stamp key "Do Not Duplicate".
- 9. Furnish mechanical keys as follows:
 - a. Furnish 2 cut change keys for each different change key code.
 - b. Furnish 1 uncut key blank for each change key code.
 - c. Furnish 6 cut master keys for each different master key set.
 - d. Furnish 3 uncut key blanks for each master key set.
 - e. Furnish 2 cut control keys cut to the top master key for permanent I/C cylinders.
 - f. Furnish 1 cut control key cut to each SKD combination.
 - g. Furnish KS43D2200 padlock for use with non-I/C Schlage cylinders. Furnish 47- 413 (conventional) or 47-743-XP (PrimusXP) with above.
 - h. Furnish KS43G3200 padlock for use with FSIC Schlage cylinders. Furnish 23-030 (Classic) or 20-740 (PrimusXP) with above.
 - i. Furnish KS41D1200 padlock for use with FSIC Schlage cylinders.
- 10. Furnish Schlage Padlocks and the cylinders to tie them into the master key system for gates, storage boxes, utility valve security, roof hatches and roll-up doors keyed as directed in the keying schedule.

- a. Furnish KS43D2200 padlock for use with non-I/C Schlage cylinders. Furnish 47- 413 (conventional) or 47-743-XP (PrimusXP) with above.
- b. Furnish KS43G3200 padlock for use with FSIC Schlage cylinders. Furnish 23-030 (Classic) or 20-740 (PrimusXP) with above.
- c. Furnish KS41D1200 padlock for use with SFIC Schlage cylinders.

H. Fasteners:

- Screws for strikes, face plates and similar items shall be flat head, countersunk type, provide machine screws for metal and standard wood screws for wood.
- 2. Screws for butt hinges shall be flathead, countersunk, full-thread type.
- 3. Fastening of closer bases or closer shoes to doors shall be by means of sex bolts and spray painted to match closer finish.
- 4. Provide expansion anchors for attaching hardware items to concrete or masonry.
- 5. All exposed fasteners shall have a Phillips head.
- 6. Finish of exposed screws to match surface finish of hardware or other adjacent work.
- 7. All Exit Devices and Lock Protectors shall be fastened to the door by the means of sex bolts or through bolts.

2.3 FINISHES

- A. Generally, to be satin chrome US26D (626 on bronze and 652 on steel) unless otherwise noted.
- B. Furnish push plates, pull plates and kick or armor plates in satin stainless steel US32D (630) unless otherwise noted.
- C. Door closers shall be powder-coated to match other hardware, unless otherwise noted.
- D. Aluminum items to be finished anodized aluminum except thresholds which can be furnished as standard mill finish.

PART 3 – EXECUTION

3.1 INSPECTION

- A. Verify that gates and frames are square and plumb and ready to receive work and dimensions are as instructed by the manufacturer.
- B. Beginning of installation means acceptance of existing conditions.

3.2 INSTALLATION

- Install hardware in accordance with manufacturer's instructions and requirements of DHI.
- B. Use the templates provided by hardware item manufacturer.
- C. Mounting heights for hardware shall be as recommended by the Door and Hardware Institute. Operating hardware will to be located between 34" and 44" AFF.
- D. Set units level, plumb and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.
- E. Drill and countersink units that are not factory-prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.
- F. If hand of door is changed during construction, make necessary changes in hardware at no additional cost.
- G. Hardware Installer shall coordinate with security contractor to route cable to connect electrified locks, panic hardware and fire exit hardware to power transfers or electric hinges at the time these items are installed so as to avoid disassembly and reinstallation of hardware.
- H. Hardware Installer shall also be present with the security contractor when the power is turned on for the testing of the electronic hardware applications. Installer shall make adjustments to solenoids, latches, vertical rods and closers to insure proper and secure operation.
- I. <u>Hardware Locations</u>: Conform to CCR, Title 24, Part 2; and ADAAG; and the drawings for access-compliant positioning requirements for the disabled.

3.3 ADJUSTING AND CLEANING

- A. Adjust and check each operating item of hardware and each door, to ensure proper operation or function of every unit. Replace units which cannot be adjusted to operate freely and smoothly as intended for the application made.
- B. Clean adjacent surface soiled by hardware installation.
- C. <u>Final Adjustment</u>: Wherever hardware installation is made more than one month prior to acceptance or occupancy, return to that work area and make final check and adjustment of all hardware items in such space or area. Clean operating items as necessary to restore proper function and finish of hardware and doors. Adjust door control devices to compensate for final operation of heating and ventilating equipment.
- D. Instruct Owner's Personnel in proper adjustment and maintenance of hardware finishes, during the final adjustment of hardware.

E. <u>Continued Maintenance Service</u>: Approximately six months after the completion of the project, the Contractor accompanied by the Architectural Hardware Consultant, shall return to the project and re-adjust every item of hardware to restore proper functions of doors and hardware. Consult with and instruct Owner's personnel in recommended additions to the maintenance procedures. Replace hardware items which have deteriorated or failed due to faulty design, materials or installation of hardware units. Prepare a written report of current and predictable problems (of substantial nature) in the performance of the hardware.

3.4 FIELD QUALITY CONTROL

A. Contractor is responsible for providing the services of an Architectural Hardware Consultant (AHC) or a proprietary product technician to inspect installation and certify that hardware and its installation have been furnished and installed in accordance with manufacturers' instructions and as specified herein.

3.5 SCHEDULE

- A. The items listed in the following schedule shall conform to the requirements of the foregoing specifications.
- B. While the hardware schedule is intended to cover all doors, and other movable parts of the building, and establish type and standard of quality, the contractor is responsible for examining the Plans and Specifications and furnishing proper hardware for all openings whether listed or not. If there are any omissions in hardware groups in regard to regular doors they shall be called to the attention of the Architect prior to bid opening for instruction; otherwise, list will be considered Complete. No extras will be allowed for omissions.
- C. Refer to the groups below as well as the drawings which indicate which hardware set is used with each gate.

3.6 MANUFACTURERS ABBREVIATIONS (MFR.)

- A. GOR = Gorilla Hinge
- B. IVE = Ives
- C. KNX = Knox Box
- D. LOC = Locinox
- E. SCH = Schlage Lock Company
- F. VON = Von Duprin

3.7 HARDWARE GROUPS

A. <u>Hardware Group 20.2</u>: Ornamental Metal Gates – Pedestrian – Double Leaf, with Panic Hardware on one (1) gate:

GATES: At Kinder play area, noted as Keyed Note 6.50.

Each gate to have:

QTY	UNIT	DESCRIPTION	PRODUCT	MFR	FIN
4	TOT	Heavy Duty Self	Mammoth-HD 180 Degree	LOC	Match
		Closing Hinges	Closer and Hinge Kit.		Gate
			Refer to Section 32 31 19.		
1	TOT	Exit Device	CD98L-AX-996L-KC	VON	626
			Include weep holes		
1	TOT	Lock Protector /	Fabricated from 10 ga.	-	Match
		Stop	bent steel		Gate
		-	To be full height of gate		
1	TOT	Rim Cylinder	20-057 26D (Verify	SCH	626
		·	Keyway)		
1	TOT	Mortise Cylinder	26-091 26D (Verify	SCH	626
		-	Keyway)		
2	TOT	Kick Plate	8400 (10 ga x 10"H x full	IVE	Match
			width of gate x B-CS)		Gate
1	TOT	Door Stop	FS18S	IVE	626
1	TOT	Drop Bolt, with staple	at top and bottom for padloc	k, and	
		SS sleeves for lockin	g in open and closed position	s	
NOTE	E: GATE	HAS EXPANDED ME	TAL MESH OVER GATE AND)	
ADJA	CENT F	ENCING. REFER TO S	SECTION 32 31 19.		

B. <u>Hardware Group 20.4</u>: Ornamental Metal Gates:

GATES: At Kinder play area, noted as Keyed Note 6.49.

Each gate leaf to have:

QTY	UNIT	DESCRIPTION	PRODUCT	MFR	FIN
2	EA	Heavy Duty	Gorilla Hinge or equal.	GOR	Match
		Industrial Hinges	Refer to Section 32 31 19.		Gate
1	TOTAL	Heavy Duty Drop	As recommended by gate	-	Match
		Fork Gate Latch	manufacturer.		Gate
1	TOTAL	Padlock	KS43G3200	SCH	626
2	TOTAL	Cylinder	23-030 (Verify Keyway)	SCH	626
2	EA	Drop Bolt, with staple	e at top and bottom for padlo	ck, and	
		SS sleeves for locking	ng in open and closed position	ns	

C. <u>Hardware Group 20.7</u>: Galvanized Chain Link Gates – Single Leaf:

GATES: At (E) chain link gates noted for hardware to be replaced (Keyed Note 6.06)

Each gate leaf to have:

QTY	UNIT	DESCRIPTION	PRODUCT	MFR
3	EA	Heavy Duty Industrial	As recommended by gate	
		Hinges	manufacturer.	
1	TOTAL	Heavy Duty Drop Fork	As recommended by gate	
		Gate Latch	manufacturer.	
1	TOTAL	Padlock – Fork Latch	KS43G3200	SCH
1	TOTAL	Cylinder	23-030 (Verify Keyway)	SCH
1	EA	Drop Bolt, with staple at top		-
		and sleeve for locking in op	en position	

END OF SECTION

SECTION 32 31 19 - DECORATIVE METAL FENCES AND GATES - ADDENDUM # 1

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. <u>Section includes</u>: Ornamental picket fencing, gates and accessories.

1.3 RELATED SECTIONS:

- 1. The General Conditions, Supplementary Conditions and Division 1 are fully applicable to this Section, as if repeated herein.
- 2. Section 08 71 00 Door Hardware (except hinges which are specified herein).
- 3. Section 32 16 00 Site Concrete.

1.4 REFERENCES

A. 2022 California Building Code (CBC), with Amendments.

B. <u>ASTM International (ASTM)</u>:

- 1. ASTM A500 Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes.
- 2. ASTM A513 Standard Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing.
- 3. ASTM A653/A653M Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process.
- 4. ASTM B695 Standard Specification for Coatings of Zinc Mechanically Deposited on Iron and Steel.

1.5 SUBMITTALS

- A. <u>Shop Drawings</u>: Layout of all fences and gates with dimensions, details and finishes of component accessories and post foundations.
- B. <u>Product Data</u>: Manufacturer's catalogue cuts indicating material compliance and specified options including steel tube sizes.
- C. Samples: Color selections for polyester powder coat finish.

1.6 PRODUCT HANDLING AND STORAGE

A. Upon receipt at the job site, all materials shall be checked to ensure that no damage occurred during shipping or handling. Materials shall be stored in such a manner to ensure proper ventilation and drainage, and to protect against damage, weather, vandalism and theft.

1.7 PRODUCT WARRANTY

- A. All structural fence components (i.e. rails, pickets, and posts) shall be warranted within specified limitations, by the manufacturer for a period of 20 years from date of original purchase. Warranty shall cover any defects in material finish, including cracking, peeling, chipping, blistering or corroding.
- B. Reimbursement for labor necessary to restore or replace components that have been found to be defective under the terms of manufactures warranty shall be guaranteed for five (5) years from date of original purchase.

PART 2 – PRODUCTS

2.1 MANUFACTURER

- A. Products from other qualified manufacturers having a minimum of 5 years' experience manufacturing ornamental picket fencing will be acceptable by the architect as equal if they meet the following specifications for design, size, gauge of metal parts and fabrication (or equal).
- B. <u>Ornamental Picket Fence and Swing Gates</u>:
 - 1. <u>Style</u>: Monumental Iron Works Imperial B-3 Horizontal Rails or approved equal.
 - 2. Heights: 6'-0" or as otherwise indicated on the Drawings.

C. Approved Manufacturers:

- 1. Monumental Iron Works, Baltimore, MD, Phone (888) MH-Fence, (888) 643-3623
- 2. Ameristar, Tulsa, OK Phone (888) 333-3422
- Merchant Metals
 Phone (770) 741-0300
 211 Perimeter Way, Suite 250
 Atlanta, GA 30346
- 4. LOCINOX USA
 Phone (877) 562-4669
 460 Windy Point Drive
 Glendale Heights, IL 60139

2.2 ORNAMENTAL PICKET FENCE

- A. <u>Pickets</u>: Square tubular members, ASTM A513, hot-rolled structural quality steel. 50,000 psi (310 Mps) tensile strength, 60,000 psi (372 Mpa) yield strength. Minimum size pickets 3/4" square x 16 ga. Space pickets 3-15/16" maximum (100mm) face to face. Attach each picket to each rail with 1/4" (6mm) industrial drive rivets. Size #4. Minimum gauge wall thickness solid gauge.
- B. Rails: "U" channels formed from hot-rolled structural steel having no pockets or shelves to hold water or moisture, 1-3/8" (35 mm) wide x 1-1/2" (38 mm) deep, 11-gauge (0.120" / 3.05 mm) wall thickness. Punch rails to receive pickets and rivets and attach rails to rail brackets with 2 each, 1/4" (6 mm) industrial drive rivets. Size #4. Steel for rail produced under ASTM A446. Provide top rail, bottom rail, and third rail 6" below top rail.
- C. <u>Posts</u>: Square tubular members, ASTM A500, hot-rolled structural quality steel, 50,000 psi (310 Mpa) Tensile strength, 60,000 psi (372 Mpa) yield strength, with ASTM A525 hot-dipped galvanized G90 coating. Minimum post size 4" sq., having minimum 12-gauge wall thickness. Post size at gates as required to support specified gate leaf size. Posts at all gates to receive LOCINOX hardware shall be between .2 inches and .313 inches thick.
- D. <u>Accessories</u>: Post caps.
- E. <u>Finish</u>: After all steel components have been galvanized, clean and prepare the surface of all components to assure complete adhesion of finish coat. Apply 2.5 mil (0.0635) thickness of polyester resin-based powder coating by electrostatic spray process. Bake finish for 20 minutes at 450°F (232°C) metal temperature. Color as selected by Architect from manufacturer's full range of standard colors.
- F. Security Mesh: At pedestrian gate with panic hardware, provide powder-coated 16 ga. x 1-1/2" x 1-1/2" flattened expanded metal mesh attached to tube steel at 12" on center, with self tapping screws, on fencing shown on plans. Screw heads to have matching black powder-coated finish. Provide welded closure channels at vertical edges. Mesh shall extend to adjacent fencing full width of panel, or as noted on plans. Mesh size / pattern to match existing on campus at existing metal fences and gates.

2.3 GATES

- A. Ornamental picket swing gates in same style configuration and height as specified fencing.
- B. Gate posts shall be of extra heavy-duty construction and size to adequately support each specified gate leaf size without sag.
- C. Provide panic hardware at non-vehicular gates.
- D. Gate Hardware:
 - 1. See drawings for gate elevations and hardware groups.
 - 2. Lever Hardware Kit: LOCINOX USA LAKQ U2 chain link lock kit. For use at

required accessible passage type gates not requiring panic devices.

- 3. <u>Self-Closing Hinge System</u>: LOCINOX USA Mammoth-HD 180 Degree Closer and Hinge Kit for gates up to 440 lbs. Opening force shall be less than 5 lbs. For use at all accessible required gates along path of travel or along egress route with panic devices. Provide manufacturer's optional mounting hardware for thicker gate post material.
- 4. <u>Heavy Duty Hinges</u>: Provide heavy-duty weld hinges of size capable of supporting specified leaf width without sag or failure. Gorilla hinge or equal. For all maintenance type swing gates.

2.4 ACCESSORIES

- A. <u>Rail Attachment Brackets</u>: Monumental Iron Works Pro-Arc swivel bracket with up to 30 degree swivel (up/down/left/right) or approved equal). Bracket to fully encapsulate rail end for complete security that is aesthetically pleasing. Note to Bidder: District has standardized on this specific bracket and requires it to be used regardless of which fence panel manufacture is submitted on. Bid accordingly.
- B. <u>Industrial Drive Rivets</u>: Shall be of sufficient length to attach items in a secure non-rattling position. Rivet to have a minimum of 1100 lbs. (4894 N) holding power and a shear strength of 1500 lbs. (6674 N).
- C. <u>Ornamental Picket Fence Accessories</u>: Provide indicated items required to complete fence system. Galvanize each ferrous metal item in accordance with ASTM B695 and finish to match framing.
- D. <u>Post Caps</u>: Formed steel, cast of malleable iron or aluminum alloy, weathertight closure cap. Provide one flat style post cap for each post.
- E. Picket Tops: Flat top with polymer plug.
- F. <u>Hinges</u>: Provide heavy-duty weld hinges of size capable of supporting specified leaf width without sag or failure. Refer to 2.3.D for products.
- G. <u>Locking Clasps</u>: Provide heavy-duty hardware to receive padlock at location where gate leaves meet each other or strike post.
- H. <u>Padlocks</u>: Padlocks are provided by District. Contractor to provide necessary padlock quantity to District. Once provided by Owner, Contractor shall re-key to match specific site keying.
- I. <u>Cane Bolt</u>: Provide heavy-duty cane bolt at all 2-leaf gate configurations. Provide at each leaf to secure each leaf into pavement below. Cane bolt shall be capable of being raised and locked in the retracted position when not in use. Provide 12 inch galvanized sleeve receivers encased with 12 inch round concrete in the close and open position. Cane bolts to freely drop and lift in the closed and open position.
- J. <u>Knox Box</u>: Model 3200 series, black. Fully weld to gate frame. Prime and paint affected finish. Location and quantity as shown on drawings. Boxes located at frontage of school shall have a reflective red adhesive sticker on front of lock body. Boxes located at other locations not on main school frontage shall have a reflective green adhesive

sticker on front of lock body.

K. Knox Locks: Model 3700 series, stainless steel, exterior use. Provide at all maintenance gates and fire apparatus gates along fire lane. All locks shall have a reflective green adhesive sticker around lock body.

2.5 SETTING MATERIAL

A. <u>Concrete</u>: Minimum 28-day compressive strength of 3,000 psi.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Verify areas to receive fencing are completed to final grades and elevations.
- B. Ensure property lines and legal boundaries of work are clearly established.

3.2 3INSTALLATION

- A. Install fence in accordance with manufacturer's instructions.
- B. Space posts uniformly not to exceed a full panel width. Face of post to closest picket not to exceed 3-7/8 inch spacing.
- C. <u>Concrete Fence Set Posts</u>: 24" min. Ø x36" min. deep or as otherwise indicated on drawings.
- D. <u>Concrete Gate Swing Posts</u>: Provide reinforced concrete footings as indicated on the Drawings.
- E. Check each post for vertical and top alignment and maintain in position during placement and finishing operation.
- F. Align fence panels between posts. Firmly attach rail brackets to posts with 1/4" (6 mm) bolt and lock nut, ensuring panels and posts remain plumb.
- G. Position bottom of picket 2 inches above existing/new finished grade. Distance from picket on each end of panel to the support post shall not be greater than 4".
- H. Where touch up paint is necessary, paint shall match powder coated finish. Unacceptable finishes will require re-powder coating.
- I. Cutting of manufacturer's brackets will not be accepted.
- J. Protect portion of posts above ground from concrete splatter. Place concrete around posts and vibrate or tamp for consolidation. Check each post for vertical and top alignment and hold in position during placement and finishing operations.
- K. Unless otherwise indicated, extend concrete footings 2" above grade and trowel to a crown to shed water.

3.3 GATE INSTALLATION

- A. Install gates plumb, level and secure for full opening without interference.
- B. Attach hardware by means, which will prevent unauthorized removal.
- C. Adjust hardware for smooth operation.
- D. All gates with panic hardware to be third-party shop fabricated in a certified shop along with adjacent posts and header. Galvanized and powder coated finishes.
- E. At gates with LOCINOX closer, Install hinge and closer per manufacturer's recommendations. Provide required backing inside steel gate and post. Install using only manufacturer's provided hardware.
- F. <u>Welding</u>: All welds shall be shop fabricated prior to galvanizing unless otherwise acceptable to Owner's representative. And all field welds shall be completed by a Certified Structural Welder and shall be "spray-galvanized" or otherwise treated subject to the discretion of the Owner's Representative.
 - 1. All field welding to be performed by a certified welder and all welds are to be ground down smooth.
 - 2. All areas of welds are to be thoroughly cleaned and treated with two coats of cold galvanized spray.
 - 3. All maintenance-type hinges shall be welded to the gate post.

3.4 ACCESSORIES

A. Install post caps and other accessories to complete fence. Post caps shall be riveted to post with two rivets on opposite sides of post.

3.5 CLEANING

A. Clean up debris and unused material and remove from site.

3.6 ADDITIONAL SUPPLIED ITEMS

- A. Provide a bag of rivets to District.
- B. Provide (4) additional 10 feet long 4 inch square tubing posts.
- C. Provide twenty additional brackets to District.

END OF SECTION.

General Notes:

Age Group

2-5yrs 5-12 yrs 2-12yrs 13 yrs

IZ-Syrs

√S-12 yrs | Z-12yrs | Z-1

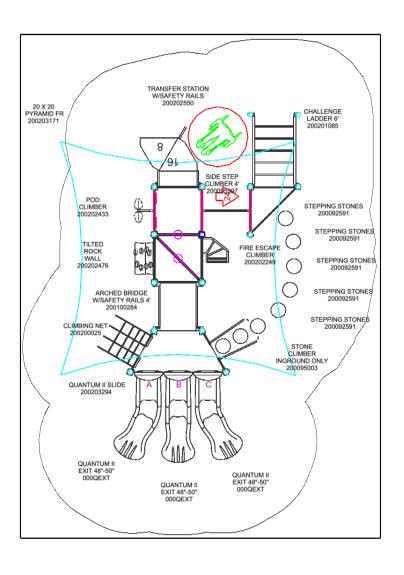
tripping or collision hazards (i.e. roots rocks border material set;).

7.All post lengths are identified by text showing the post lengths i.e. 96 represents a 96 inch post. 8Not all equipment may be appropriate for all children. Supervision is required.

ELEVATED PLAY ACTIVITIES - TOTAL: 11 ELEVATED PLAY ACTIVITIES ACCESIBLE BY TRANSFER: 10 REQ'D 6 ELEVATED PLAY ACTIVITIES ACCESIBLE BY RAMP: 0 REQ'D 0 GROUND LEVEL ACTIVITY TYPE: GROUND LEVEL QUANTITY: REQ'D 4



ADD1-KINDER



Project: Joseph Bonnhei Kinder

LTCPS rep: Nick Janzen ALL ABOUT PLAY 916.952.7226

Ground Space: 20'-6" x 29'-6" Protective Area: 30' x 41'-6"

Drawn by: Nick Janzen Date: 12/16/2024 DWG Name: 24005367

LTCPS - Farmington 878 East Highway 60 Monett Missouri 65708 Voice: 1-800-325-8828 Fax: 417-354-2273



General Notes:

Age Group

- 1. The Americans with Disabilities Act (ADA) may require that you make your park and/or playground accessible
- when viewed in its entirety. Please consult your legal counsel to determine if the ADA applies to you.
- 2. For playground equipment to be considered accessible accessible surfacing must be utilized in applicable areas. 3. Although a particular playground design may not meet the proposed Access Board Regulations in regards to the appropriate number of ground level events the actual
- existing play components. 4. All deck heights are measured from top of ground cover. 5. Fall absorbing ground cover is required under and

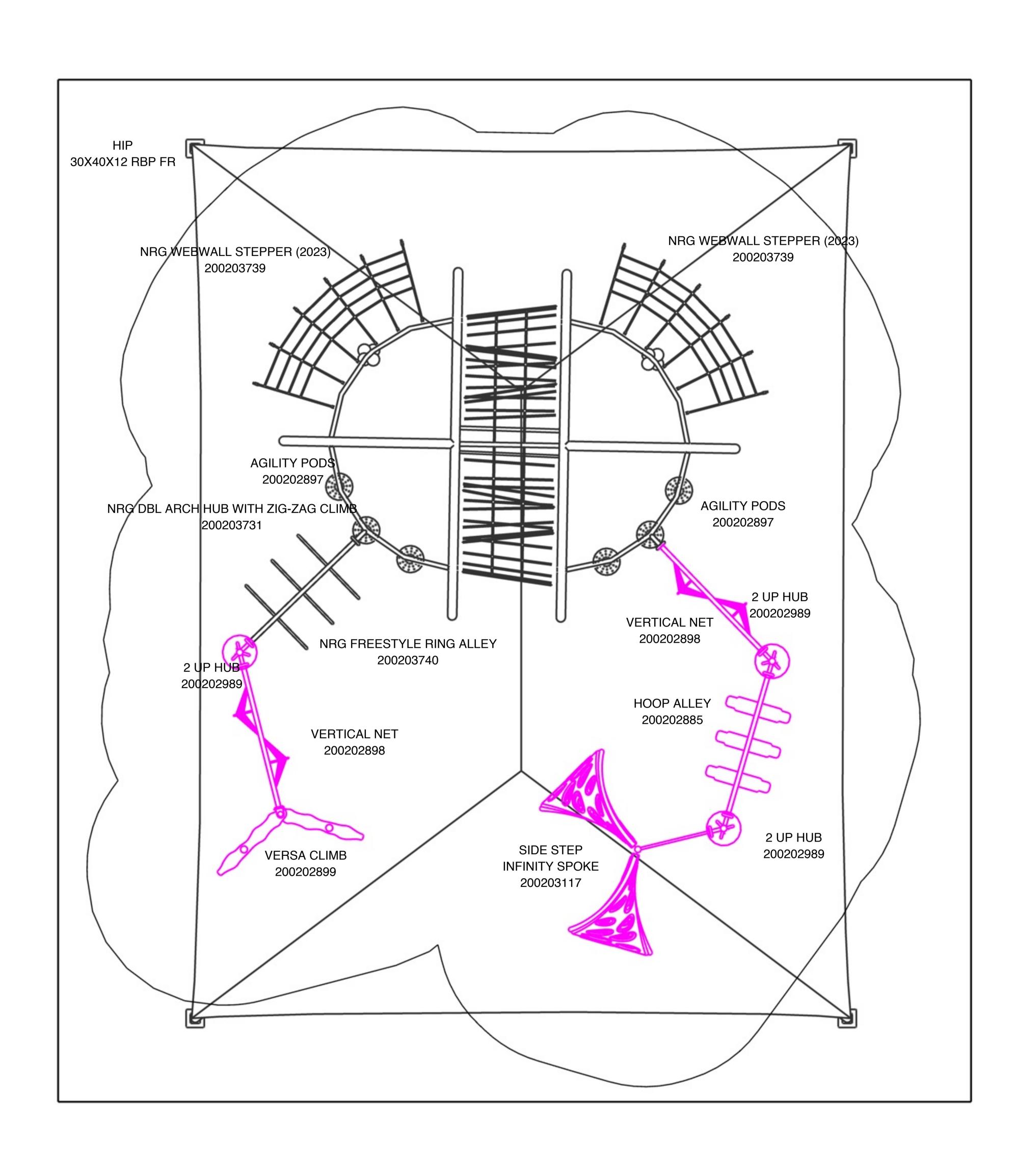
playground may be in compliance when considering

- around all play equipment. 6. The minimum recommended fall zone around the entire playstructure is shown. This zone is to be free of all
- tripping or collision hazards (i.e. roots rocks border material etc.).
- 7. All post lengths are identified by text showing the post lengths i.e. 96 represents a 96 inch post. 8. Not all equipment may be appropriate for all children. Supervision is required.

AGE GROUP5-12_ASTM ELEVATED PLAY ACTIVITIES - TOTAL: 0 ELEVATED PLAY ACTIVITIES ACCESIBLE BY TRANSFER: 0 REQ'D 0 ELEVATED PLAY ACTIVITIES ACCESIBLE BY RAMP: 0 REQ'D 0 4 REQ'D 0 GROUND LEVEL ACTIVITY TYPE: 10 REQ'D 0 GROUND LEVEL QUANTITY:



ADD1-MAIN



Project: Joseph Bonnheim Main

LTCPS rep:

Nick Janzen ALL ABOUT PLAY 916.952.7226

Ground Space: 31' x 41' Protective Area: 38'-6" x 45'-6"

Drawn by: Nick Janzen Date: 03/10/2025 DWG Name: 24005367

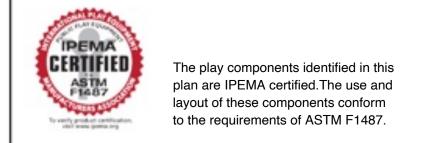
LTCPS - Farmington 878 East Highway 60 Monett Missouri 65708 Voice: 1-800-325-8828 Fax: 417-354-2273

Playground Layout Compliance:

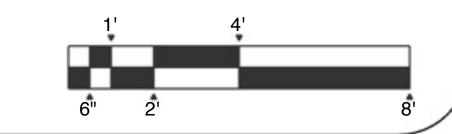
✓ ASTM F1487 - Playground Equipment for Public Use. CPSC Handbook for Public

Playground Safety

✓ This playground design meets the final Access Board Regulations.







ELEVATION DETAIL

SHEET WHERE DRAWN

EXTERIOR ELEVATION

INTERIOR ELEVATION

SHEET WHERE DRAWN

VIEW / SHEET WHERE DRAWN

SHEET WHERE DRAWN

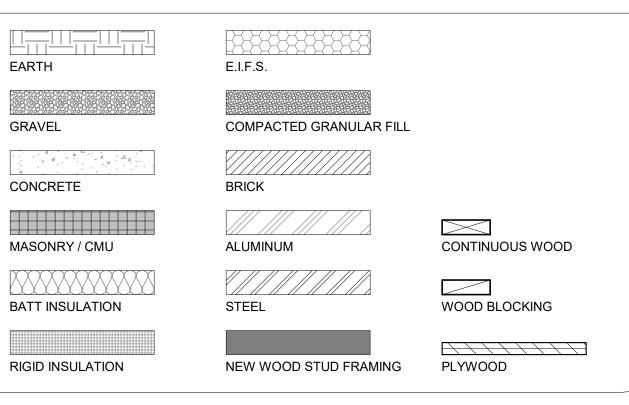
ACCESSORY NOTE ROOM AREA / VOLUME CALCULATED OCCUPANT LOAD 3 OCC

ACCESSIBILITY CLEARANCES

DRAWING REVISION CLOUD **REVISION NUMBER** AD = ADDENDUM FO = FIELD ORDER CO = CHANGE ORDER

> GRADE STEP FLUSH GRADE TRANSITION

> > **KEY TO MATERIALS**



ADMINISTRATIVE NOTES

1. ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR) 2. A COPY OF PARTS 1 AND 2, TITLE 24 C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL

3. CHANGE TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY DSA, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR AND PER DSA IR A-6. 4. TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335 OF PART 1, TITLE 24 AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-TEST MAY BE BACK CHARGED TO THE CONTRACTOR. 5. A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT. 6. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24. 7. A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333 (B). 8. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, 9. CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM DSA-6 IN ACCORDANCE WITH SECTION 4-336 AND 4-343, PART 1, TITLE 24. 10. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTION 4-333(A) AND 4-341, PART 1, TITLE 24. 11. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTION 4-343, 12. NO CHANGES OR REVISIONS SHALL BE MADE FOLLOWING WRITTEN APPROVAL WHICH

AFFECTS ACCESS COMPLIANCE ITEMS UNLESS SUCH CHANGES OR REVISIONS ARE SUBMITTED TO THE DSA FOR APPROVAL. 13. SUBSTITUTIONS AFFECTING DSA REGULATED ITEMS SHALL BE SUBMITTED AS A CONSTRUCTION CHANGE DOCUMENT OR ADDENDA, AND SHALL BE APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION. 14. CONSTRUCTION CHANGE DOCUMENTS MUST BE SIGNED BY THE FOLLOWING:

· ARCHITECT OR ENGINEER OF RECORD. · STRUCTURAL ENGINEER (WHEN APPLICABLE) DELEGATED PROFESSIONAL ENGINEER.

15. MATERIALS AND THEIR INSTALLATION SHALL COMPLY WITH APPLICABLE CODES. STANDARDS AND MANUFACTURER'S RECOMMENDATIONS. 16. PER CBC 11B-104.1 "ALL DIMENSIONS ARE SUBJECT TO CONVENTIONAL INDUSTRY TOLERANCES EXCEPT WHERE THE REQUIREMENT IS STATED AS A RANGE WITH SPECIFIC MINIMUM AND MAXIMUM END POINTS. 17. NEWLY INSTALLED AND/OR UPGRADED FIRE ALARM:

a) THE ENTIRE LENS OF STROBE LIGHT IS BETWEEN 80" AND 96". b) FLASH RATE SHALL NOT EXCEED 2 FLASHES PER SECOND NOR LESS THAN 1 c) MANUAL ALARM ACTIVATING HANDLE 42"-48".

APPLICABLE CODES

d) BOXES TO COMPLY WITH CBC 11B-309.4, NO TIGHT GRASPING, PINCHING OR TWISTING OF THE WIRES

2022 CALIFORNIA BUILDING STANDARD ADMIINSTRATIVE CODE PART 1. TITLE 24 C.C.R. 2022 CALIFORNIA BUILDING CODE (CBC) PART 2, TITLE 24 C.C.R. 2022 CALIFORNIA ELECRICAL CODE (CEC) PART 3, TITLE 24 C.C.R. 2022 CALIFORNIA MECHANICAL CODE (CMC) PART 4. TITLE 24 C.C.R.

2022 CALIFORNIA PLUMBING CODE (CPC) PART 5. TITLE 24 C.C.R. 2022 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R. 2022 CALIFORNIA FIRE CODE (CFC) PART 9. TITLE 24 C.C.R. 2022 CALIFORNIA REFERENCED STANDARD CODE PART 12, TITLE 24 C.C.R.

TITLE 19 C.C.R. PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS NFPA 72, NATIONAL FIRE ALARM CODE, WITH CALIFORNIA AMENDMENTS, 2022 EDITION NFPA 13, AUTOMATIC SPRINKLER SYSTEM WITH CALIFORNIA AMMENDMENTS, 2019 EDITION NFPA 24. PRIVATE FIRE MAINS, 2022 EDITION NFPA 14, STANDPIPE, PRIVATE FIRE HYDRANT HOSE SYSTEMS 2019 EDITION REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS - 2022 CBC CHAPTER 35 AND 2022 CFC CHAPTER 80

THE ABOVE CODES AND REGULATIONS REFER TO THE LATEST EDITION OR REVISION IN FORCE ON THE DATE OF THE CONTRACT, UNLESS OTHERWISE STATED, NOTHING ON THE DRAWINGS IS TO BE CONSTRUED AS REQUIRING OR PERMITTING WORK THAT IS CONTRARY TO THE LISTED CODES AND REGULATIONS, OR OTHER LOCAL, STATE OR FEDERAL CODES OR REGULATIONS WHICH MAY BE APPLICABLE. COMPLIANCE WITH CFC CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION, AND CBC CHAPTER 33, SAFETY DURING CONSTRUCTION WILL BE ENFORCED

ABBREVIATIONS MAX MAXIMUM ASPHALTIC CONCRETE ABOVE FINISH FLOOR **MECHANICAI ALTERNATE MEZZANINE** APPROXIMATE(I \ **MANUFACTURE** MASONRY OPENING BUILDING BLKG BLOCKING B.O.F. **BOTTOM OF FOOTING BEARING** NUMBER NOMINAL CONTROL JOINT OR APPROVED EQUIVALENT O.C. ON CENTER CLEAR CENTERLINE **OUTSIDE DIAMETER** CONCRETE MASONRY UNIT OWNER FURNISHED/CONTRACTOR INSTAL<mark>L</mark> **OVERHEAD** CONCRETE CONFERENCI CONTINUOUS **PARTICLE** CONTR CONTRACTOR **PERPENDICULAR** COORD COORDINATE PLASTIC LAMINATE PLATE DIMENSION PAIR **PREFABRICATED** DOWN DOWNSPOUT **EXTERIOR INSULATION & FINISH SYSTEM ROOF DRAIN** REINFORCE(D) / REINFORCING **EXPANSION JOINT** REVISION **ELEV** REFRIGERATOR EQ **ROUGH OPENING RESTROOM EXPANSION ROOF TOP UNIT** EXTERIOR SCHEDULE(D) SPECIFICATION(S) FLR **FLOOR** STAINLESS STEEL STANDARD **STORAGE** GENERAL CONTRACTOR **TONGUE AND GROOVE** GLU-LAM GLUE LAMINATED **TELEPHONE** THRESHOLD TOP OF BEAM HOLLOW METAL T.O.S. HORIZONTAL TOP OF DECK HEATING, VENTILATION & AIR CONDITIONING T.S. **TUBE STEEL**

CONSULTANTS

VERT

VEST

WWF

W/O

CIVIL ENGINEER: 620 12th STREET MODESTO, CA 95354

INTERIOR

ISOMETRIC

KNOCKDOWN

LABORATORY

LAVATORY

KNOCKOUT PANEL

LONG LEG VERTICAL

LAMINATED VENEER LUMBER

KNOCKOUT

LANDSCAPING: **MTW GROUP** 2707 K STREET, SUITE 201 SACRAMENTO, CA 95816

TYPICAL

VERTICAL

VESTIBULE

WITH

WITHOUT

WATER CLOSET

WATER HEATER

WELDED WIRE FABRIC

WIDE FLANGE

UNDERWRITERS LABORATORY

UNLESS OTHERWISE NOTED

VINYL COMPOSITION TILE

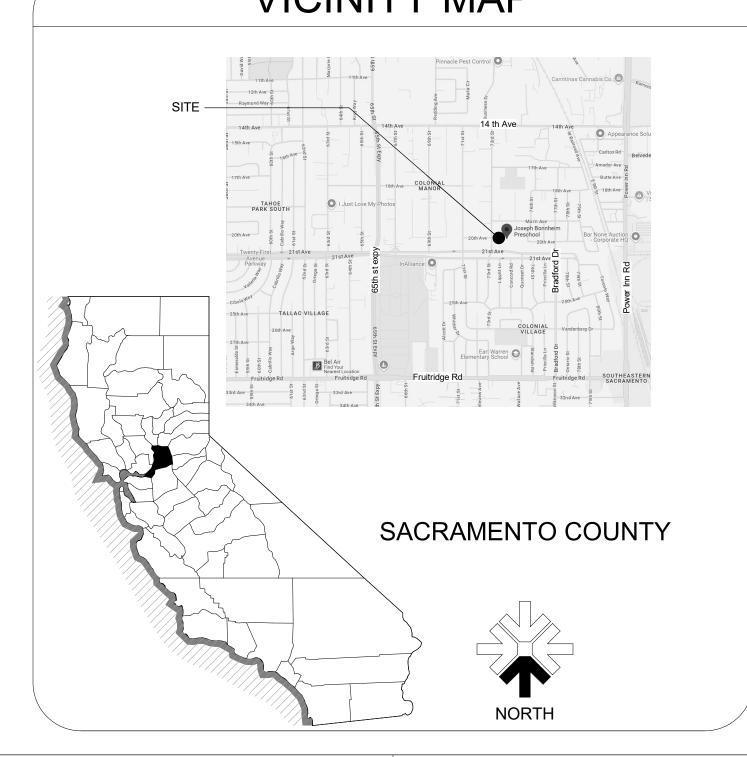
SCOPE OF WORK

REMOVAL AND REPLACEMENT OF EXISTING PLAY APPARATUSES. NEW PC SHADE STRUCTURE; A# 02-120923 NEW POURED-IN-PLACE FALL-PROTECTION. REPAIR OF LANDSCAPE / GRASS PLAY AREA.

NEW CONCRETE CURB TO DIVIDE EXISTING AC PAVING TO SOD

NEW ORNAMENTAL FENCE AT KINDER PLAYGROUND AREA →BIÐ ANT N: PARTIAN AC PAVING OVERLAY ÐGRINDVRÉMØVÉ AND REPLACE TOP 2" OF (E) AC PAVING

VICINITY MAP



SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

JOSEPH BONNHEIM ELEMENTARY SCHOOL

PLAYGROUND UPGRADES AND LANDSCAPE REPAIRS

7300 MARIN AVE **SACRAMENTO, CA 95820**

SACRAMENTO COUNTY

SITE SPECIFIC DESIGN CRITERIA

BASIC WIND SPEED 94 MPH

WIND RISK CATEGORY I

SEISMIC RISK CATEGORY II

SITE CLASS D-DEFAULT

SS = 0.62 ; SDS = 0.62

EXPOSURE C

SHEET INDEX

SHEET# SHEET NAME **GENERAL**

OVERALL ARCHITECTURAL SITE DEMOLITION PLAN ENLARGED ARCH'L SITE DEMOLITION PLANS

OVERALL ARCHITECTRUAL SITE PLAN ENLARGED PLAY APPARATUS AREAS ARCH'L SITE PLANS

SITE DETAILS AS503 SITE DETAILS ADD

CIVIL

CIVIL GENERAL NOTES AND ABREVIATIONS

DEMOLITION PLAN

GRADING AND UTILITY PLAN

PAVING PLAN

LANDSCAPE

SPRINKLER IRRIGATION DEMOLITION PLAN

LANDSCAPE SITE PLAN L1.1

L2.1 LANDSCAPE PLANTING PLAN

SPRINKLER IRRIGATION PLAN

SPRINKLER IRRIGATION PLAN L3.2

DETAILS PE DETAILS WATER EFFICIENCY CHARTS AND CALCULATIONS

SHADE STRUCTURE PC DRAWINGS | PC # 02-120923

FABRIC CANOPIES DSA PC - BP COVER SHEET FABRIC CANOPIES DSA PC - BP ELEVATION DETAILS

FABRIC CANOPIES DSA PC - BP TYPICAL CANOPY DETAILS

FABRIC CANOPIES DSA PC - BP REFERENCE TABLES

FABRIC CANOPIES DSA PC - BP SPECIFICATION INFORMATION

FABRIC CANOPIES DSA PC - BP EXAMPLE FORM DSA 103 - TESTS & INSPECTIONS

TOTAL NUMBER OF SHEETS: 24

Statement of General Conformance FOR ARCHITECTS/ENGINEERS WHO UTILIZE PLANS. INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND/OR CONSULTANTS

(Application No. ____02-123079 File No. <u>34-53</u>

The drawings or sheets listed on the cover or index sheet ☐ This drawing, page of specifications/calculations have been prepared by other design professionals or consultants who are licensed and/or

authorized to prepare such drawings in this state. It has been examined by me for: 1) Design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and 2) Coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance "shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1. (Title 24, Part 1, Section 4-316(b)

All drawings or sheets listed on the cover or index sheet ☐ This drawing or page ☑ is/are in general conformance with the project ☐ is/are in general conformance with the project design intent, and ★ has/have been coordinated with the project has/have been coordinated with the project plans and specifications. plans and specifications. Architect or Engineer designated to be in Architect or Engineer delegated responsibility general responsible charge for this portion of the work MITCHELL A. MCALLISTER

Expiration Date

Expiration Date

GENERAL NOTES

1. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO SEE TO IT THAT ALL MATERIALS AND/OR WORK DESCRIBED, DEPICTED OR DETAILED WITHIN THESE DOCUMENTS, BE FURNISHED AND OR INSTALLED REGARDLESS OF THE LOCATION OF THAT MATERIAL OR WORK WITHIN THE DOCUMENTS OR OMISSION (WHETHER DELIBERATE OR ACCIDENTAL) OF THAT MATERIAL OR WORK BY A SUBCONTRACTOR ON HIS/HER BID.

2. ALL CONTRACTORS, WHETHER THE GENERAL OR SUB, SHALL CONSIDER THESE DOCUMENTS IN THEIR ENTIRETY. DISCREPANCIES OR CONTRADICTIONS BETWEEN PORTIONS OF THESE DOCUMENTS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AT LEAST 48 HRS PRIOR TO BID OPENING FOR CLARIFICATION. OTHERWISE EITHER DESCRIPTION OR INSTRUCTION SHALL BE IN FORCE UNTIL ONE IS OMITTED BY THE ARCHITECT, AT NO ADDITIONAL COST TO THE OWNER.

3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING TEMPORARY FENCING AND GATES, SIGNAGE, SECURITY LIGHTING OR OTHER SECURITY AND CONTROL MEASURES NECESSARY TO PROVIDE FOR THE SAFETY OF STUDENTS. FACULTY AND STAFF AROUND THE WORK, UNTIL THE COMPLETION OF THE WORK UNLESS OTHERWISE DETERMINED BY THE ARCHITECT OR

4. THE CONTRACTOR IS RESPONSIBLE TO REPAIR AND/OR REPLACE ALL DISTRICT PROPERTY DAMAGED DURING THE COURSE ON THE WORK, ESPECIALLY BUT NOT LIMITED TO ASPHALT PAVING AROUND THE SITE, STAGING AREA OR PATH OF TRAVEL TO EITHER.

5. THE CONTRACTOR SHALL LIMIT HIS/HER ACTIVITY TO THE AREA DESCRIBED WITHIN THE DOCUMENTS SO AS TO LIMIT HIS/HER LIABILITY FOR DAMAGED PROPERTY UNLESS OTHERWISE PERMITTED BY THE CONSTRUCTION MANAGER OR OWNER.

6. ALL WORK SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ALL APPLICABLE CODES. SEE LIST

7. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION EXCEPT DSA APPROVAL

8. ALL DIMENSIONS SHALL BE FACE OF STUD, UNLESS OTHERWISE NOTED. DIMENSIONS NOTED AS "CLR" MEAN CLEAR DIMENSION TO FACE OF FINISH. VERIFY ALL EXISTING DIMENSIONS AND

CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND. 9. ALL ITEMS IN THESE DRAWINGS ARE NEW UNLESS OTHERWISE NOTED.

10. SCHEDULE ALL WORK OUTSIDE THE "EXTENT OF WORK" SET FORTH IN THESE DOCUMENTS WITH THE CONSTRUCTION MANAGER INCLUDING ACCESS AND STORAGE. THE CONSTRUCTION SCHEDULE SHALL BE APPROVED BY THE OWNER PRIOR TO THE START OF CONSTRUCTION.

11. ALL UTILITIES REQUIRED FOR THE CONTINUOUS OPERATION OF ALL EXISTING FACILITIES TO REMAIN MUST BE MAINTAINED IN SERVICE AT ALL TIMES. ANY SHUT DOWNS FOR NEW CONNECTIONS MUST BE COORDINATED WITH THE CONSTRUCTION MANAGER TWO WEEKS PRIOR TO THE REQUESTED

12. THE CONTRACTOR IS RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY ITEMS DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK. INSTALLATION SHALL MATCH EXISTING IN KIND,

13. THE CONTRACTOR SHALL CONTAIN ALL DUST AND DEBRIS TO THE CONSTRUCTION AREA. BROOM CLEAN ALL SIDEWALKS AND DRIVEWAYS EACH DAY. KEEP DIRT AND DUST TO A MINIMUM. 14. ALL REMODELED ITEMS LISTED TO BE SALVAGED FOR THE OWNER SHALL BE DELIVERED TO A PLACE OF STORAGE AS DIRECTED BY THE OWNER. ALL OTHER ITEMS MUST BE DISPOSED OF OFF SITE IN A

15. ALL WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE

DISTURBANCE TO THE PUBLIC AND TO OCCUPANTS OF EXISTING BUILDINGS. 16. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE SAFETY OF ALL PERSONS ON OR ABOUT THE CONSTRUCTION SITE, IN ACCORDANCE WITH APPLICABLE LAWS AND CODES. GUARD ALL

HAZARDS IN ACCORDANCE WITH THE SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT

PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA. A. COORDINATION WITH OTHER CONTRACTS: IF ANY PART OF THIS CONTRACTOR'S WORK DEPENDS UPON THE WORK OF A SEPARATE CONTRACTOR. THIS CONTRACTOR SHALL INSPECT SUCH OTHER WORK AND PROMPTLY REPORT IN WRITING TO THE CONSTRUCTION MANAGER ANY DEFECTS IN SUCH OTHER WORK THAT RENDER IT UNSUITABLE TO RECEIVE THE WORK OF THIS CONTRACTOR. FAILURE OF THIS CONTRACTOR TO SO INSPECT AND REPORT SHALL CONSTITUTE AN ACCEPTANCE

OF THE OTHER CONTRACTOR'S WORK, EXCEPT AS TO DEFECTS WHICH MAY DEVELOP IN OTHER

CONTRACTOR'S WORK AFTER EXECUTION OF THIS CONTRACTOR'S WORK.

B. COORDINATION SCHEDULE: PORTIONS OF WORK UNDER THIS CONTRACTOR'S WORK MUST BE COMPLETED ON SCHEDULE IN ORDER FOR OTHER NOT-IN-CONTRACT WORK TO BE COMPLETED BY OTHERS. COORDINATION WITH THE CONSTRUCTION MANAGER AND STRICT ADHERENCE TO THE COMPLETION DATES FOR DESIGNATED PORTIONS OF WORK ARE IMPERATIVE. SEE

SPECIFICATIONS FOR LIQUIDATED DAMAGES. 17. DEMOLITION IS NOT NECESSARILY LIMITED TO ONLY WHAT IS SHOWN ON THIS OR OTHER DRAWINGS OR AS OUTLINED IN THE SPECIFICATIONS. THE INTENT IS TO INDICATE GENERAL SCOPE OF

DEMOLITION REQUIRED TO COMPLETE THE PROJECT WITH THE CONSTRUCTION DOCUMENTS. 18. OF PARTICULAR IMPORTANCE IS THE NEED FOR CONTRACTOR TO ASSURE THAT ALL PERSONS ENTERING A POSSIBLY HAZARDOUS AREA, INCLUDING SUPERINTENDENTS, WORKERS, SUBCONTRACTORS, OTHER CONTRACTORS, AND OTHER PERSONS NOT UNDER CONTRACTUAL CONTROL TO THE CONTRACTOR, ARE AWARE OF PROCEDURES.

19. SPECIAL ATTENTION IS CALLED TO THE REQUIREMENT OF THE CONTRACTOR TO COMPLY WITH DSA REQUIREMENTS IN GENERAL AND WITH REGULATIONS INVOLVING ASBESTOS IN PARTICULAR. THESE REGULATIONS ARE STATED IN SECTION 5208, ASBESTOS REGULATIONS, OF TITLE 8, CALIFORNIA CODES OF REGULATIONS. THIS SECTION STIPULATES THAT THE CONTRACTOR MUST INITIATE REPORTS, TESTS, SIGNS AND OTHER ACTIVITIES UNDER CERTAIN JOB CONDITIONS.

20. ALL PIPE AND DUCT PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE FIRE STOPPED AND SEALED TO MAINTAIN THE REQUIRED RATING.

21. DETAIL DRAWINGS WITH REFERENCES TO FIRE-RATED ASSEMBLIES OR CONSTRUCTION WHICH HAVE BEEN TESTED BY UNDERWRITERS LABORATORIES. THE CALIFORNIA BUILDING CODE OR ANY OTHER APPROVED TESTING AGENCY, SHALL BE CONSTRUED TO INDICATE ALL CONSTRUCTION AND PROCEDURES CONTAINED IN THE REFERENCED ASSEMBLY FOR CONSTRUCTION.

22. CONTRACTOR TO MAINTAIN CONTEMPORANEOUSLY RECORDED "AS-BUILT" INFORMATION OF ALL WORK, WHICH SHALL BE MARKED IN COLOR ON THE DRAWINGS AND SPECIFICATIONS. A SCANNED PDF OF THE "AS-BUILT" DRAWINGS AND SPECIFICATIONS SHALL BE TURNED OVER TO THE OWNER'S REPRESENTATIVE PRIOR TO FINAL APPLICATION FOR PAYMENT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.



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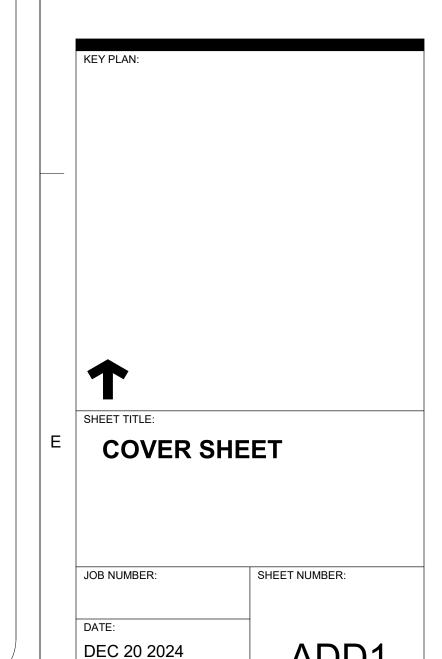
JOSEPH BONNHEIM **ELEMENTARY SCHOOL**

7300 MARIN AVE SACRAMENTO, CA 95820

PLAYGROUND UPGRADES AND LANDSCAPE REPAIRS

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

5735 47TH AVENUE SACRAMENTO, CA 95824 SACRAMENTO COUNTY



ADD ADDENDUM # 1

OVERALL ARCHITECTURAL SITE DEMOLITION PLAN

1" = 30'-0"

GENERAL NOTES

1. ALL COMPONETS, FIXTURES, FINISHES, EQUIPMENT, AND FURNISHINGS EXISTING TO REMAIN SHALL BE PROTECTED FROM DUST OR DAMAGE DURING DEMOLITION

2. UTILITIES LOCATED ON WALLS TO REMAIN ARE TO BE PROTECTED AND SHALL REMAIN IN SERVICE, UNLESS OWNER APPROVES SHUTDOWN OF THOSE UTILITIES. UTILITIES ARE TO BE RESTORED TO PRE-DEMOLITION CONDITION DURING

3. BLACK DASHED LINES SHOW FENCING, GATES, PAVING, EQUIPMENT, ETC. TO BE REMOVED. EXISTING COMPONENTS TO REMAIN ARE SHOWN AS LIGHTER GRAY

CONTINUOUS LINES. REFER TO SYMBOL LEGEND BELOW.

4. REFER TO CIVIL AND LANDSCAPE PLANS FOR ADDITIONAL INFORMATION REGARDING SCOPE OF LANDSCAPE DEMOLITION WORK.

PROVIDE CONSTRUCTION BARRIER AS REQUIRED BY OWNER.

6. REFER TO CIVIL DEMOLITION PLANS FOR ADDITIONAL PAVING DEMOLITION INFORMATION AND UNDERGROUD UTILITY DEMOLITION.

7. IF ANY ITEM OR FINISH IS DAMAGED DURING DEMOLTION, REMOVAL OR REMODEL, CONTRACTOR SHALL FURNISH TO REPLACE AND/OR MATCH EXISTING ITEM OR FINISH WHICH WAS DAMAGED.

8. FIELD VERIFY ALL DIMENSIONS TO EXISTING CONDITIONS AT START OF CONSTRUCTION. COORDINATE WITH MINIMUM ADA CLEARANCES TO SPECIFIED FIXTURES. NOTIFY ARCHITECT OF ANY DISCREPANCIES OF DIMENSIONS PRIOR TO ANY WORK IN THAT RESPECTIVE AREA.

CALIFORNIA DESIGN WEST ARCHITECTS, Inc. 2100 19th Street Sacramento, CA 95818

LEGEND

(1.01) KEYED NOTE. MAY SKIP NUMBERS. REFER TO KEYED NOTES SCHEDULE. KEYED NOTE TAGS W/O LEADER APPLIES TO ENTIRE ROOM (OR SURFACE) IN WHICH (ON WHICH) THE TAG IS LOCATED.

EXISTING BUILDINGS TO REMAIN (NIC), U.O.N.

LOCATION OF EXISTING ADA-COMPLIANT TOILET FACILITIES

PROTECT EXISTING TREE ASSEMBLY TO REMAIN, TYP. STAY AWAY FROM ROOT SYSTEM. USE EXTREME CAUTION TO WORK AROUND TREE ROOTS WHERE REQUIRED.

SAW-CUT (E) ASPHALT PAVING WHERE REQUIRED AND DEMOLISH.
PREP FOR NEW PAVING. LIME-TREAT PER GEOTECH. REFER TO

LOCATE SAW-CUT AT NEAREST CONTROL JOINT WHERE APPLICABLE.

CLEAN (E) AC PAVING.

PRESSURE-WASH AND REMOVE WEEDS AND DEBRIS FROM

DEMOLISH EXISTING WOOD CURBS TYP. SAW-CUT IF REQUIRED.

ASPHALT CRACKS. PREP FOR CRACK-FILL AND SEAL-COAT.

(E) PLAY STRUCUTURE AREA TO BE DEMOLISHED. REMOVE ALL WOOD CHIP FALL PROTECTION. GRADE FOR NEW WORK. REFER TO CIVIL.

LANDSCAPE / GRASS AREAS TO BE REMOVED AS REQUIRED FOR NEW WORK. REVISE IRRIGATION TO EDGE OF NEW PAVING WORK AS REQUIRED. REFER TO LANDSCAPE DRAWINGS. USE CAUTION TO PROTECT (E) TREE ROOTS TO REMAIN WHERE APPLICABLE.

PATH OF TRAVEL (P.O.T.) REFER TO "PATH OF TRAVEL, TECHNICAL REQUIREMENTS FOR ACCESSIBLE ROUTE" NOTES ON SHEET AS100

(E) SHADE STRUCTURE TO REMAIN (NIC), U. O. N.

KEYED NOTES

.15 SAW-CUT AS REQUIRED ALONG (E) PAVING TO REMAIN. PROTECT EDGE.

.19 DEMOLISH (E) BARK FILL / FALL PROTECTION. GRADE FOR NEW PLAY STRUCTURE AND POURED-IN-PLACE SURFACING. REFER TO CIVIL.

.23 LANDSCAPE AREA TO REMAIN, U.O.N.

DEMO / ADJUST EXISTING IRRIGATION AROUND NEW WORK. REROUTE LATERALS. ADJUST (E) IRRIGATION HEADS TO AVOID OVERSPRAY ONTO PLAY AREA. PROVIDE NEW HEADS AT PLAY AREA PERIMETER FOR REQUIRED IRRIGATION. COVERAGE. PATCH BACK SOD WHERE EXISTING GRASS DAMAGED BY NEW WORK.

.35 DEMOLISH AND REPLACE (E) IRRIGATION PUMP SYSTEM ASSEMBLY, REFER TO CIVIL AND LANDSCAPE PROYECT FOR ESPECIFICATIONS

.45 PROTECT (E) CHAIN-LINK FENCING ASSEMBLY TO REMAIN.

.46 (E) CHAINLINK FENCE GATE

6.02 (E) CONCRETE WALKWAYS TO REMAIN.

6.03 (E) AC PAVING TO REMAIN.

6.06 (E) 6' HIGH CHAINLINK FENCING ASSEMBLY. REMOVE, SALVAGE AND REINSTALL GATES AND FENCE FABRIC AFTER NEW CONCRETE WORK IS COMPLETE WHERE REQUIRED FOR WORK. PROVIDE NEW CONNECTION HARDWARE, TYP. (E) POSTS TO REMAIN. EXTEND POSTS (IF NECESSARY) TO NEW FENCE HEIGHT AT NEW GRADES. REFER TO CIVIL.

6.10 (E) COMPLIANT ADA PARKING PER DSA APPLICATION REFER TO POT GENERAL

6.14 PROTECT (E) TREE TO REMAIN, TYP.

6.32 PROTECT (E) BUILDING COLUMN TO REMAIN.

6.37 (E) 6' ORNAMENTAL FENCING OVER 12"WIDE VARIABLE HEIGHT CURB, TYP.

6.40 (E) GRASS AREA. COMPLETELY REMOVE, REGRADE, AMMEND, AND PROVIDE NEW IRRIGATION AND NEW PLANTING PER LANDSCAPE DRAWINGS AND SPECS.

ADJUST BÒX ELEVATION AS REQUIRED TO BE FLUSH WITH NEW WORK. TYPICAL.

6.41 PROTECT (E) UTILITY BOX, TYP. TOP OF BOX TO BE FLUSH WITH NEW WORK.

6.43 (E) SHADE STRUCTURE / BUILDING CANOPY PROJECTION (ABOVE) TO REMAIN.

6.48 PROTECT (E) STRUCTURAL COLUMN TO REMAIN, TYP.

6.54 PROTECT (E) OUTDOOR BENCH TO REMAIN

NORTH

6.55 PROTECT (E) CHAINLINK FENCING ASSEMBLY. REMOVE, SALVAGE AND REINSTALL FENCE FABRIC AS NECESSARY TO PERFORM WORK. PROVIDE NEW BRACKETS AND CONNECTION HARDWARE FOR REINSTALLED FABRIC.

6.57 DEMOLISH (E) CHAINLINK BACKSTOP ASSEMBLY; REMOVE AND DISPOSE OF ALL FABRIC, POSTS, AND ENTIRE FOOTINGS. BACKFILL AND COMPACT FOOTING

6.64 DEMOLISH (E) BENCH ASSEMBLY. BACKFILL AND COMPACT FOOTING CAVITIES.

6.65 DEMOLISH (E) CHAINLINK FENCING ASSEMBLY; REMOVE AND DISPOSE OF ALL FABRIC, POSTS, AND ENTIRE FOOTINGS. BACKFILL AND COMPACT FOOTING

6.66 DEMOLISH / REMOVE (E) TREE AND ASSOCIATED ROOT SYSTEM.

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OONOL!! TANT

ARCHITECT:

OJECT NAME:

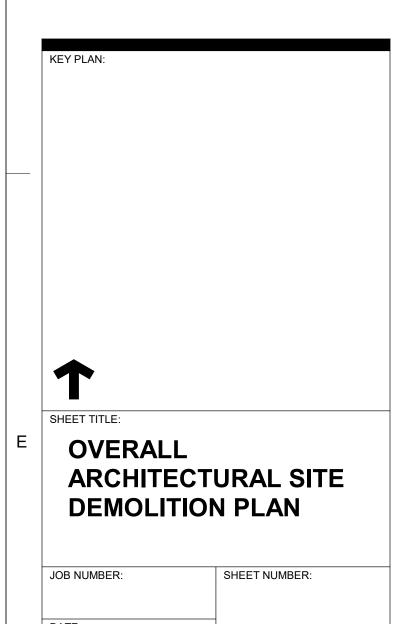
JOSEPH BONNHEIM ELEMENTARY SCHOOL

7300 MARIN AVE SACRAMENTO, CA 95820

PLAYGROUND UPGRADES AND LANDSCAPE REPAIRS

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

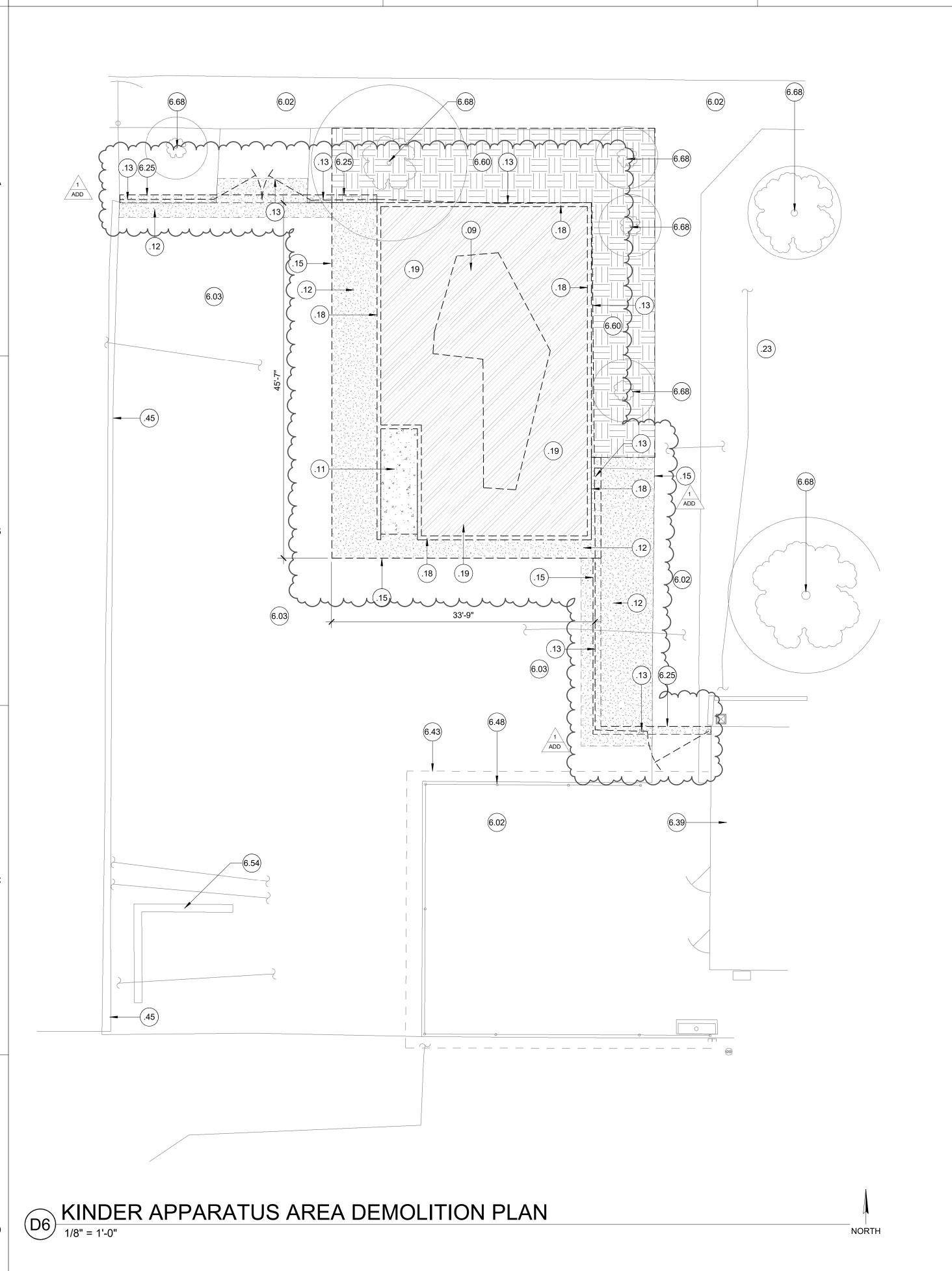
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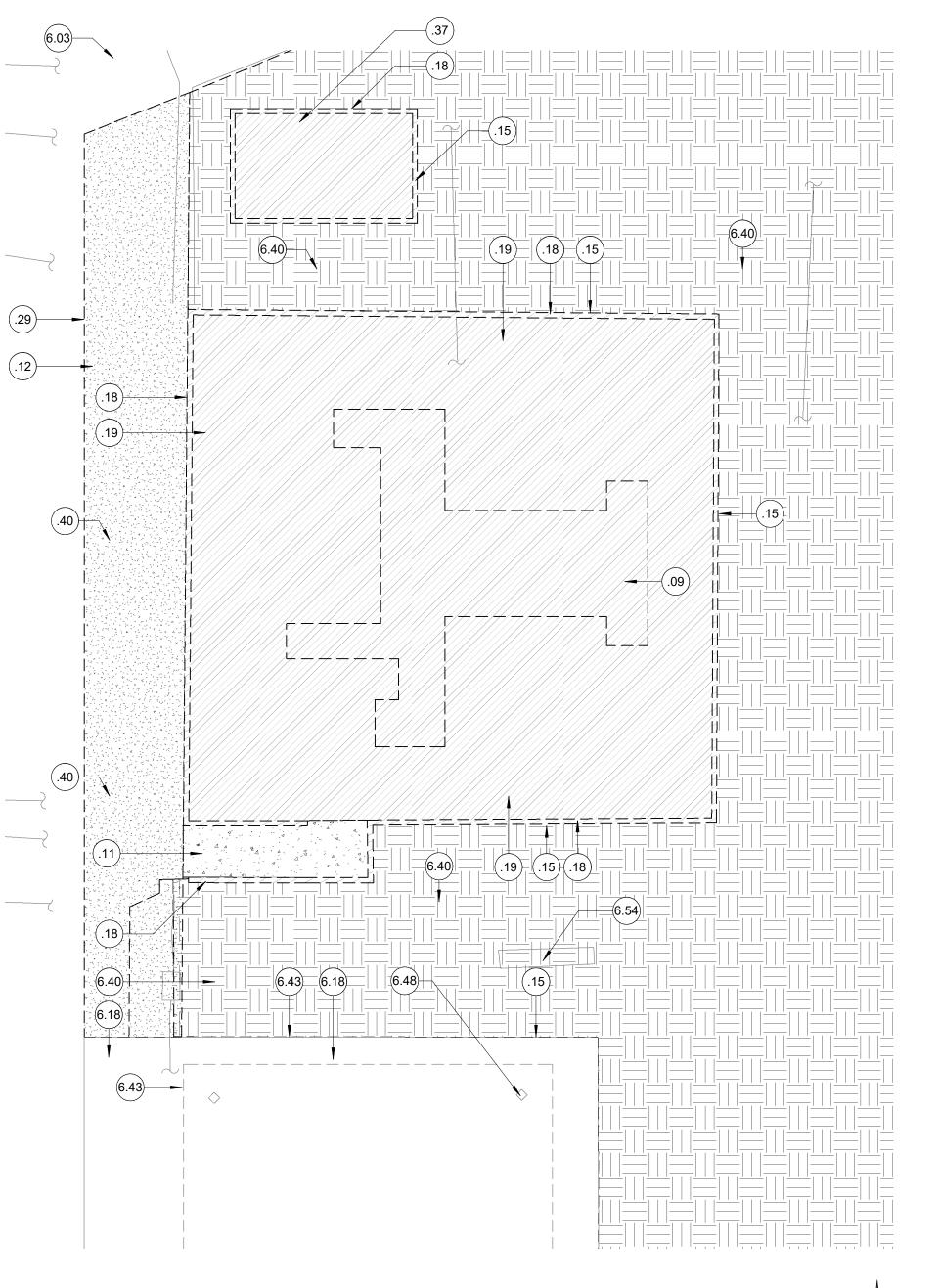


DEC 20 2024

ADD ADDENDUM # 1

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GENERAL NOTES

- 1. ALL COMPONETS, FIXTURES, FINISHES, EQUIPMENT, AND FURNISHINGS EXISTING TO REMAIN SHALL BE PROTECTED FROM DUST OR DAMAGE DURING DEMOLITION
- 2. UTILITIES LOCATED ON WALLS TO REMAIN ARE TO BE PROTECTED AND SHALL REMAIN IN SERVICE, UNLESS OWNER APPROVES SHUTDOWN OF THOSE UTILITIES. UTILITIES ARE TO BE RESTORED TO PRE-DEMOLITION CONDITION DURING
- 3. BLACK DASHED LINES SHOW FENCING, GATES, PAVING, EQUIPMENT, ETC. TO BE REMOVED. EXISTING COMPONENTS TO REMAIN ARE SHOWN AS LIGHTER GRAY
- CONTINUOUS LINES. REFER TO SYMBOL LEGEND BELOW. 4. REFER TO CIVIL AND LANDSCAPE PLANS FOR ADDITIONAL INFORMATION
- REGARDING SCOPE OF LANDSCAPE DEMOLITION WORK. 5. PROVIDE CONSTRUCTION BARRIER AS REQUIRED BY OWNER.
- 6. REFER TO CIVIL DEMOLITION PLANS FOR ADDITIONAL PAVING DEMOLITION INFORMATION AND UNDERGROUD UTILITY DEMOLITION.
- 7. IF ANY ITEM OR FINISH IS DAMAGED DURING DEMOLTION, REMOVAL OR REMODEL, CONTRACTOR SHALL FURNISH TO REPLACE AND/OR MATCH EXISTING ITEM OR FINISH WHICH WAS DAMAGED.
- 8. FIELD VERIFY ALL DIMENSIONS TO EXISTING CONDITIONS AT START OF CONSTRUCTION. COORDINATE WITH MINIMUM ADA CLEARANCES TO SPECIFIED FIXTURES. NOTIFY ARCHITECT OF ANY DISCREPANCIES OF DIMENSIONS PRIOR TO ANY WORK IN THAT RESPECTIVE AREA.

LEGEND

- KEYED NOTE. MAY SKIP NUMBERS. REFER TO KEYED NOTES (1.01) SCHEDULE. KEYED NOTE TAGS W/O LEADER APPLIES TO ENTIRE ROOM (OR SURFACE) IN WHICH (ON WHICH) THE TAG IS LOCATED.
- PROTECT (E) COMPONENTS TO REMAIN (LIGHTER / GRAY LINES). — — — COMPONENTS TO BE DEMOLISHED (OR REMOVED AND SALVAGED) - (BLACK DASHED LINES). REFER TO KEYED NOTES.
 - EXISTING BUILDINGS TO REMAIN (NIC), U.O.N. LOCATION OF EXISTING ADA-COMPLIANT TOILET FACILITIES
 - PROTECT EXISTING TREE ASSEMBLY TO REMAIN, TYP. STAY AWAY FROM ROOT SYSTEM. USE EXTREME CAUTION TO WORK AROUND TREE ROOTS WHERE REQUIRED.
- SAW-CUT (E) ASPHALT PAVING WHERE REQUIRED AND DEMOLISH. PREP FOR NEW PAVING. LIME-TREAT PER GEOTECH. REFER TO
- DEMOLISH EXISTING WOOD CURBS TYP. SAW-CUT IF REQUIRED. LOCATE SAW-CUT AT NEAREST CONTROL JOINT WHERE APPLICABLE.

CLEAN (E) AC PAVING.

ASPHALT CRACKS. PREP FOR CRACK-FILL AND SEAL-COAT. (E) PLAY STRUCUTURE AREA TO BE DEMOLISHED. REMOVE ALL WOOD CHIP FALL PROTECTION. GRADE FOR NEW WORK. REFER

PRESSURE-WASH AND REMOVE WEEDS AND DEBRIS FROM

- LANDSCAPE / GRASS AREAS TO BE REMOVED AS REQUIRED FOR NEW WORK. REVISE IRRIGATION TO EDGE OF NEW PAVING WORK AS REQUIRED. REFER TO LANDSCAPE DRAWINGS. USE CAUTION TO PROTECT (E) TREE ROOTS TO REMAIN WHERE APPLICABLE.

(E) SHADE STRUCTURE TO REMAIN (NIC), U. O. N.

PATH OF TRAVEL (P.O.T.) REFER TO "PATH OF TRAVEL, TECHNICAL REQUIREMENTS FOR ACCESSIBLE ROUTE" NOTES ON SHEET AS100

KEYED NOTES

- .09 DEMOLISH (E) PLAY STRUCTURE AND ASSOCIATED FOOTINGS. BACKFILL WITH ENGINEERÈD FILL PER SPECS.
- .11 DEMOLISH (E) CONCRETE WALK / RAMP.
- 12 DEMOLISH (E) AC PAVING. SAW-CUT ALONG (E) EDGE TO REMAIN. 13 DEMOLISH (E) CHAIN-LINK FENCING ASSEMBLY; MESH, POLES, AND ASSOCIATED FOOTINGS. BACKFILL WITH ENGINEERED FILL PER SPECS. USE CAUTION TO
- PROTECT (E) ADJACENT PAVING TO REMAIN. .15 SAW-CUT AS REQUIRED ALONG (E) PAVING TO REMAIN. PROTECT EDGE.
- .18 DEMOLISH (E) PLAY AREA WOOD AND METAL POST PERIMETER CURB AND ASSOCIATED FOOTINGS, TYP.
- .19 DEMOLISH (E) BARK FILL / FALL PROTECTION. GRADE FOR NEW PLAY STRUCTURE AND POURED-IN-PLACE SURFACING. REFER TO CIVIL.
- .23 LANDSCAPE AREA TO REMAIN, U.O.N.
- .29 SAW-CUT AND DEMOLISH (E) AC PAVING TO EXTENTS NOTED FOR PATCHBACK AC AROUND (E) PLAY STRUCTURE AREA TO BE REMOVED.
- 37 DEMOLISH EXISTING FRUIT GARDEN AREA, GRADE FOR NEW TURF AREA OR PATH AREA AS REQUIRED PER PROJECT, REFER TO CIVIL AND LANDSCAPE PROJECT
- .40 DEMOLISH EXISTING AC PAVING, SAWCUT FOLLOWING THE EXISTING PROJECT
- .45 PROTECT (E) CHAIN-LINK FENCING ASSEMBLY TO REMAIN.
- 6.02 (E) CONCRETE WALKWAYS TO REMAIN.
- 6.03 (E) AC PAVING TO REMAIN. 6.04 (E) FENCING GATE POST / CORNER POST REMAIN.
- 6.05 (E) GATES TO REMAIN.
- (6.06 (E) 6' HIGH CHAINLINK FENCING ASSEMBLY. REMOVE, SALVAGE AND REINSTALL GATES AND FENCE FABRIC AFTER NEW CONCRETE WORK IS COMPLETE WHERE REQUIRED FOR WORK. PROVIDE NEW CONNECTION HARDWARE, TYP. (E) POSTS TO REMAIN. EXTEND POSTS (IF NECESSARY) TO NEW FENCE HEIGHT AT NEW GRADES. REFER TO CIVIL.
- 6.18 (E) AC CONCRETE PAVING/SLOPE TO REMAIN $ackslash 6.25^\circ$ SAW-CUT AND DEMOLISH "12" WIDE STRIP FROM EXISTING CONCRETE/ASPHALT $^\circ$ PLACE NEW ORNAMENTAL FENCE, CENTERED ON REPLACEMENT CONCRETE
- VARIABLE-HEIGHT CURB AND ALIGN WITH EXISTING FENCE 6.39 (E) BUILDING TO REMAIN.
- 6.40 (E) GRASS AREA. COMPLETELY REMOVE, REGRADE, AMMEND, AND PROVIDE NEW IRRIGATION AND NEW PLANTING PER LANDSCAPE DRAWINGS AND SPECS.
- 6.43 (E) SHADE STRUCTURE / BUILDING CANOPY PROJECTION (ABOVE) TO REMAIN. (6.46 12" WIDE VARIABLE-HEIGHT CONCRETE CURB ALONG ORNAMENTAL FENCE LINE,

TYP. ALIGN OUTSIDE FACE OF WALL WITH BACKSIDE FACE OF EXISTING

- CONCRETE CURB TO REMAIN. REFER TO CIVIL. 6.48 PROTECT (E) STRUCTURAL COLUMN TO REMAIN, TYP.
- 6.54 PROTECT (E) OUTDOOR BENCH TO REMAIN
- 6.60 PROVIDE MINOR GRADING AND PLANTER / LANDSCAPE REPAIR AT AREAS ADJACENT TO AND DISTURBED BY NEW WORK, TYP.
- 6.68 PROTECT (E) TREE TO REMAIN, TYP.



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CONSULTANT:

JOSEPH BONNHEIM

ELEMENTARY SCHOOL

7300 MARIN AVE

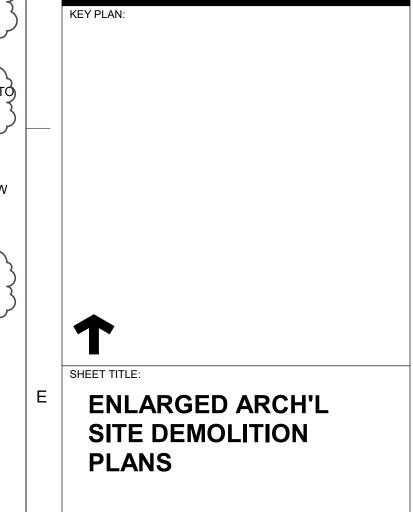
SACRAMENTO, CA 95820

PLAYGROUND UPGRADES AND LANDSCAPE

REPAIRS

SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

5735 47TH AVENUE SACRAMENTO, CA 95824 SACRAMENTO COUNTY



DEC 20 2024

ADD ADDENDUM # 1

SHEET NUMBER:

MAIN PLAY APPARATUS AREA DEMOLITION PLAN

1/8" = 1'-0"

MDSA

PROJECT INFORMATION

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the

DSA Forms or DSA Publications webpages. To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply. Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: Fire Flow for

Sch	nool District/Owner: SACRAMENTO CITY UNIFIED SCHOOL DISTRICT			
Pro	ject Name/School: JOSEPH BONNHEIM ELEMENTARY SCHOOL			
Pro	ject Address: 7300 MARIN AVE SACRAMENTO, CA 95820			
FIR	E & LIFE SAFETY INFORMATION			
1.	Has a fire hydrant flow test been performed within the past 12 months?	Yes □		No 🗹
	(If yes, provide a copy of the test data.)			
2.	Was the fire hydrant water flow test performed as part of this LFA review?	Yes □		No 🗹
3.	Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.)	Yes □		No 🗷
	Refer to the following website for FHSZ locations: Fire Hazard Severity Zones in State Responsibility Area	Moderate □	High □	Very High □
	Wildland Interface Area (WIFA) (If any designations are checked, project	design must me	eet the	WIFA □

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

requirements of CBC Chapter 7A.)

CON	IDITION MEANS AND METHODS RESOLUTION	ALTE	RNATE A	ACCEPTE
4.	Emergency vehicle access roadways do not meet CFC requirements.	Yes	No	N/A
4a.	Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.			
5.	Fire Hydrants: Number and spacing does not meet CFC requirements.			~
5a.	Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.			
6.	Fire Hydrants: Water flow and pressure are less than CFC minimum.			·
6a.	Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.			
7.	Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.			~
7a.	Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.			

School District Acceptance of Acceptable Design Alternates

By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

OCAL FIRE AUTHORITY (LFA) INFORMATION LFA Agency Name: LFA Review Official: Work Phone: Work Email:

DGS DSA 810 (revised 12/29/20)
DIVISION OF THE STATE ARCHITECT

LFA Reviewer's Signature

DEPARTMENT OF GENERAL SERVICES

Page 2 of 4 STATE OF CALIFORNIA

PARKING STALL CALCULATION TOTAL PARKING STALL COUNT: 29 STALLS ACCESSIBLE PARKING STALLS 2 STALLS REQUIRED ACCESSIBLE STALLS 1 STALL EXISTING ACCESSIBLE STALLS 1 STANDARD AND 1 VAN VAN ACCESIBLE MARIN AVE. **PARKING LOT** (E) PARKING LOT ENTRANCE SIGN PARKING STALLS DSA APP#: PER DSA #02-102373 **—** 02-119976 (E) FIRE HYDRANT BUILDING DSA APP#:14987 PLAYGROUND AREA #2 BUILDING BUILDING BUILDING BUILDING BUILDING DSA APP#: 9090 BUILDING (E) FIRE ALARM ACCESIBLE PATH OF TRAVEL APP#: 02-119976 BUILDING PLAYGROUND DSA APP#: 9090 AREA #1 3rd BUILDING DSA APP#: 9090 LANDSCAPE DETAILS **ACCESIBLE** RESTROOM _(6.55)⟨ DSA APP#: 02-119976 20' WIDE FIRE - (6.57) ACCES LANE BUILDING DSA APP#: 02-119976 DSA APP#: 02-102373 140'-0" (6.42)— BUILDING BUILDING 180'-0" DSA APP#: 02-102373 DSA APP#: 78949 🔀 U10 BUILDING FIRE HOSE ROUTE, LESS — THAN 400FT TO (N) SHADE STRUCTURE (6.54) (.45) 21st AVE (N) GATE VALVE -20FT MAX FROM F.H. PVC C900 PIPE (N) THRUST BOCK SEE AS503 (E) FIRE HYDRANT A#02-102373

OVERALL ARCHITECTURAL SITE PLAN

1" = 30'-0"

Path of Travel, Technical Requirements for Accessible Route

Accessible Path of travel as indicated on plan is a barrier-free access route without abrupt level changes exceeding ½" if beveled at 1:2 maximum slope or vertical level changes not exceeding 1/4" maximum and at least 48" in width. Surface is stable, firm, and slip-resistant. Cross-slope shall not be steeper than 1:48 and slope in the direction of travel shall not be steeper than 1:20. Accessible path of travel shall be maintained free of overhanging obstructions to 80" minimum and free of objects protruding more than 4" from the wall, above 27" and less than 80" above the floor. Architect shall verify that there are no barriers in the path of travel.

Design Professional in General Responsible Charge Statement: The POT identified in these construction documents meets the requirements of the current applicable California Building Code (CBC) accessibility provisions for path of travel requirements for alterations, additions and structural repairs. As part of the design of this project, the POT was examined and any elements, components or portions of the POT that were determined to be non-compliant with the CBC have been identified and the corrective work necessary to bring them into compliance has been included within the scope of this project's work through details, drawings and specifications incorporated into these construction documents. Any noncompliant elements, components or portions of the POT that will not be corrected by this project based on valuation threshold limitations or a finding of unreasonable hardship are indicated in these construction documents.

construction change document.

NORTH

During construction, if POT items within the scope of the project represented as CBC compliant are found to be nonconforming beyond reasonable construction tolerances, the items shall be brought into compliance with the CBC as a part of this project by means of a

GENERAL NOTES

- PROTECT EDGES OF EXISTING PAVING TO REMAIN. EXISTING ADJACENT CONCRETE PAVING, BUILDINGS AND BUILDING COMPONENTS SHALL REMAIN
- ALL REPLACEMENT PAVING IN OPEN COURTYARD AREAS SHALL MAINTAIN 2% MAXIMUM SLOPE IN ANY DIRECTION. REFER TO CIVIL.
- REFER TO ENLARGED PLAN CALLOUTS FOR INFORMATION WITHIN THE CALLOUT BUBBLE.
- 4. REFER TO OVERALL ARCHITECTURAL SITE PLAN FOR GATE TAGS AND GATE CALLOUTS. REFER TO SPECS FOR GATE HARDWARE.

LEGEND

EXISTING CAMPUS BUILDINGS N.I.C. UNLESS OTHERWISE NOTED.

EXISTING BUILDING CANOPY / OVERHANG N.I.C. RUBBER PLAYGROUND FALL-PROTECTION ASSEMBLY OVER DEPRESSED CONCRETE SLAB. COORDINATE HEIGHT WITH CRITICAL

KEYED NOTE. MAY SKIP NUMBERS. REFER TO KEYED NOTES SCHEDULE. KEYED NOTE TAGS W/O LEADER APPLIES TO ENTIRE ROOM (OR SURFACE) IN WHICH (ON WHICH) THE TAG IS LOCATED. NOT EVERY COMPONENT IS TAGGED - IF NOTE INDICATES, TYPICAL, THE NOTE

APPLIES TO ALL MATCHING / REPEATING GRAPHICAL SYMBOLS.

FALL-HEIGHT PROTECTION REQUIRED. REFER TO CIVIL FOR DRAINAGE.

NEW ASPHALT PAVING OVER AGG BASE OVER PREPPED SUB GRADE - U.O.N. REFER TO CIVIL FOR VARYING SECTION LOCATIONS AND REQUIRED SUB-GRADE PREPARATION.

(E) PLAY STRUCUTURE AREA TO BE DEMOLISHED. REMOVE ALL WOOD CHIP FALL PROTECTION. GRADE FOR NEW WORK. REFER CONCRETE OVER AGG BASE OVER PREPPED SUB-GRADE, TYP.

REFER TO CIVIL FOR TYPICAL PAVING SECTIONS AND REINFORCING. SHADED AREA TO BE COLORED / PIGMENTED. CONTROL JOINTS APPROXIMATELY 6'-7.5' O.C; EQUALLY SPACED AT EACH AREA, TYP. (THINNER LINES) ■ EXPANSION JOINT, TYP. (HEAVIER LINES)

GRADE AND REPAIR LANDSCAPE TO MATCH EXISTING ADJACENT LANDSCAPE. MINIMIZE DAMGE WHERE ADJACENT TO NEW WORK. REVISE EXISTING IRRIGATION TO EDGE OF NEW WORK WHERE IMPACTED. REFER TO KEYED NOTE AND TO LANDSCAPE DRAWINGS.

GRADE AND REPAIRLANSDCAPE. BARK MUCH ONLY TO MATCH EXISTING LANDSCAPE. REVISE EXISTING IRRIGATION TO EDGE OF NEW WORK WHERE IMPACTED. REFER TO KEYED NOTE AND TO LANDSCAPE DRAWINGS.

PROTECT EXISTING TREE ASSEMBLY TO REMAIN, TYP. STAY AWAY FROM ROOT SYSTEM. USE EXTREME CAUTION TO WORK AROUND (E) TREE ROOTS TO REMAIN WHERE REQUIRED.

PATH OF TRAVEL (P.O.T.) REFER TO "PATH OF TRAVEL, TECHNICAL REQUIREMENTS FOR ACCESSIBLE ROUTE" NOTES ON SHEET AS100

KEYED NOTES

.15 SAW-CUT AS REQUIRED ALONG (E) PAVING TO REMAIN. PROTECT EDGE.

.45 PROTECT (E) CHAIN-LINK FENCING ASSEMBLY TO REMAIN

.46 (E) CHAINLINK FENCE GATE

6.02 (E) CONCRETE WALKWAYS TO REMAIN.

6.03 (E) AC PAVING TO REMAIN.

6.10 (E) COMPLIANT ADA PARKING PER DSA APPLICATION REFER TO POT GENERAL 6.11 PROVIDE CRACK-FILL AND SEAL COAT. CLEAN AND FILL MINOR ALL CRACKS IN ASPHALT. MAJOR CRACKS AND DEFECTS (OVER 1-1/2" IN WIDTH) TO BE CUT OUT AND REPAIRED AS SPECIFIED. BID ALTERNATE: PROVIDE AC OVERLAY. GRIND/REMOVE AND REPLACE TOP 2" OF (E) AC PAVING. REFER TO CIVIL.

6.14 PROTECT (E) TREE TO REMAIN, TYP.

6.19 NEW STRIPING AS INDICATED, TYP. CONTRACTOR TO PROVIDE STRIPING PLAN

SUBMITTAL FOR REVIEW PRIOR TO PERFORMING WORK.

6.32 PROTECT (E) BUILDING COLUMN TO REMAIN

6.40 (E) GRASS AREA. COMPLETELY REMOVE, REGRADE, AMMEND, AND PROVIDE NEW RRIGATION AND NEW PLANTING PER LANDSCAPE DRAWINGS AND SPECS. 3.41 PROTECT (E) UTILITY BOX, TYP. TOP OF BOX TO BE FLUSH WITH NEW WORK.

ADJUST BOX ELEVATION AS REQUIRED TO BE FLUSH WITH NEW WORK. TYPICAL.

6.42 12" WIDE x 6" THICK CONCRETE CURB W/(2) CONT. #4 REBAR. TOP OF CURB TO BE FLUSH WITH TOP OF AC PAVING AND P.I.P. SURFACING.

6.43 (E) SHADE STRUCTURE / BUILDING CANOPY PROJECTION (ABOVE) TO REMAIN

6.54 PROTECT (E) OUTDOOR BENCH TO REMAIN

6.55 PROTECT (E) CHAINLINK FENCING ASSEMBLY. REMOVE, SALVAGE AND REINSTALL FENCE FABRIC AS NECESSARY TO PERFORM WORK. PROVIDE NEW BRACKETS AND CONNECTION HARDWARE FOR REINSTALLED FABRIC.

6.57 DEMOLISH (E) CHAINLINK BACKSTOP ASSEMBLY; REMOVE AND DISPOSE OF ALL FABRIC, POSTS, AND ENTIRE FOOTINGS. BACKFILL AND COMPACT FOOTING

6.61 $\,$ NEW IRRIGATION SYSTEM AT TURF PLAY AREA, TYP. REFER TO LANDSCAPE.

6.62 (E) TURF PLAY AREA TO BE STRIPPED / GRUBBED AND AMMENDED AND PREPPED TO RECEIVE NEW SOD AND IRRIGATION. REFER TO LANDSCAPE. REFER TO KEYED NOTES FOR (E) TREES AND COMPONENTS TO REMAIN AND TO BE PROTECTED.

6.64 DEMOLISH (E) BENCH ASSEMBLY. BACKFILL AND COMPACT FOOTING CAVITIES.

6.65 DEMOLISH (E) CHAINLINK FENCING ASSEMBLY; REMOVE AND DISPOSE OF ALL FABRIC, POSTS, AND ENTIRE FOOTINGS. BACKFILL AND COMPACT FOOTING

6.66 DEMOLISH / REMOVE (E) TREE AND ASSOCIATED ROOT SYSTEM.

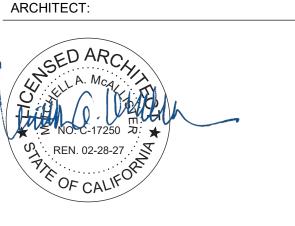
6.69 (N) 12" CONCRETE MOW STRIP ALONG THE NEW PATHWAY, TYP. REFER TO CIVIL,

REFER TO LANSDCAPE. 6.71 (N) FIRE HYDRANT INSTALLED PER SACRAMENTO COUNTY STANDARDS ON (N)

24X24 CONC. PAD SEE SHEET AS503 FOR DETAILS

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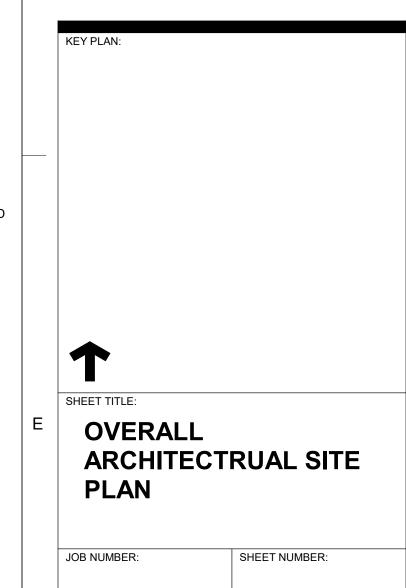
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PLAYGROUND UPGRADES AND LANDSCAPE **REPAIRS**

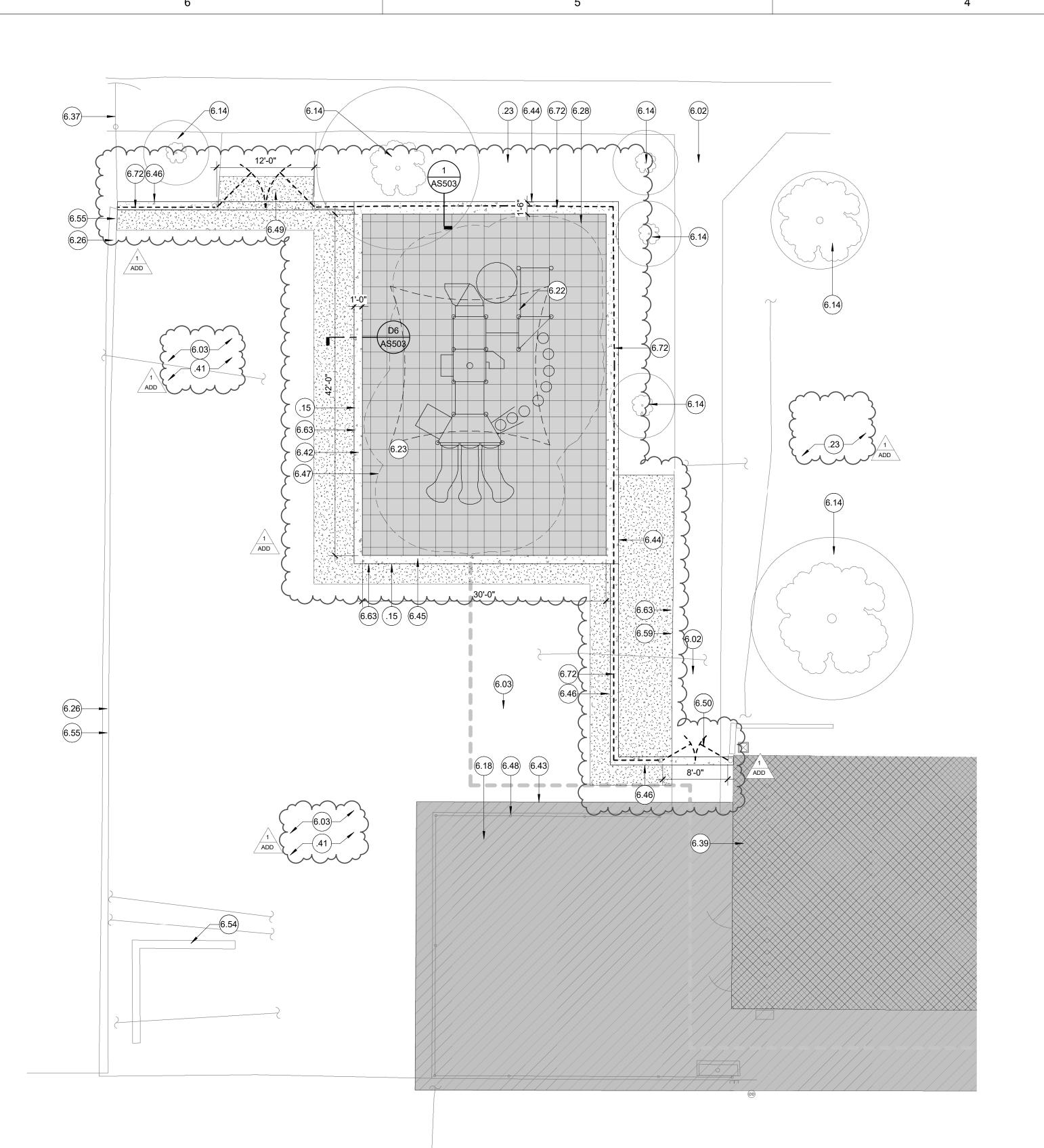
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DEC 20 2024 REVISION:

ADD ADDENDUM # 1



KINDER APPARATUS AREA ENLARGED ARCH'L SITE PLAN

BUILDING FUNCTION: SHADE STRUCTURE OVER PLAY EQUIPMENT BUILDING USE CLASSIFICATION (SECTION 302): BUILDING OCCUPANCY: GROUP E

TYPE OF CONSTRUCTION (TABLE 601):

FIRE-RESISTANCE RATING REQUIREMENTS:

0-HR PRIMARY STRUCTURE

CHAPTER 5 - BUILDING HEIGHT AND AREA (TABLE 504.3 & 506.2): OCCUPANCY CLASS E, CONST. TYPE II-B: NO FIRE SPRINKLERS

WITHOUT AREA INCREASE **ALLOWABLE**:

ACTUAL DESIGN: 40' HEIGHT 20' HEIGHT 1 STORY 1 STORY 9,500 GSF 1,200 GSF

DSA IR 31-1 FREE-STANDING OPEN-SIDED SHADE STRUCTURE: 9.2: OCCUPANT LOAD 1/20 SF

1200 SF / 20 = 60 OCCUPANTS

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GENERAL NOTES

1. PROTECT EDGES OF EXISTING PAVING TO REMAIN. EXISTING ADJACENT CONCRETE PAVING, BUILDINGS AND BUILDING COMPONENTS SHALL REMAIN

2. ALL REPLACEMENT PAVING IN OPEN COURTYARD AREAS SHALL MAINTAIN 2%

MAXIMUM SLOPE IN ANY DIRECTION. REFER TO CIVIL. 3. REFER TO ENLARGED PLAN CALLOUTS FOR INFORMATION WITHIN THE

4. REFER TO OVERALL ARCHITECTURAL SITE PLAN FOR GATE TAGS AND GATE CALLOUTS. REFER TO SPECS FOR GATE HARDWARE.

CALLOUT BUBBLE.

LEGEND

KEYED NOTE. MAY SKIP NUMBERS. REFER TO KEYED NOTES SCHEDULE. KEYED NOTE TAGS W/O LEADER APPLIES TO ENTIRE ROOM (OR SURFACE) IN WHICH (ON WHICH) THE TAG IS LOCATED.

EXISTING BUILDINGS TO REMAIN (NIC), U.O.N.

EXISTING BUILDING OVERHANG TO REMAIN, REFER TO KEYNOTE. NEW CONCRETE PAVING / CURBS TYP. SAW-CUT AS REQUIRED.

LOCATE SAW-CUT AT NEAREST CONTROL JOINT WHERE

APPLICABLE. REFER TO KEYNOTES LANDSCAPE / GRASS AREAS TO BE REMOVED AS REQUIRED FOR NEW WORK. REVISE IRRIGATION TO EDGE OF NEW PAVING WORK AS REQUIRED. REFER TO LANDSCAPE DRAWINGS. USE CAUTION TO PROTECT (E) TREE ROOTS TO REMAIN WHERE APPLICABLE.

NEW SOFT SURFACING AREA, REFER TO CIVIL, REFER TO

NEW ASPHALT PAVING REFER TO CIVIL.

NEW PLAYGROUND REQUIRED AREA FOR FALL PROTECTION.

NEW ORNAMENTAL FENCING/GATE ASSAMBLY, REFER TO

.15 SAW-CUT AS REQUIRED ALONG (E) PAVING TO REMAIN. PROTECT EDGE.

.22 PROTECT (E) UG UTILITY TO REMAIN .23 LANDSCAPE AREA TO REMAIN, U.O.N

_ _ _

.41 (E) STRIPING TO REMAIN

6.02 (E) CONCRETE WALKWAYS TO REMAIN.

6.03 (E) AC PAVING TO REMAIN.

6.04 (E) FENCING GATE POST / CORNER POST REMAIN. 6.05 (E) GATES TO REMAIN.

6.11 PROVIDE CRACK-FILL AND SEAL COAT. CLEAN AND FILL MINOR ALL CRACKS IN ASPHALT. MAJOR CRACKS AND DEFECTS (OVER 1-1/2" IN WIDTH) TO BE CUT OUT AND REPAIRED AS SPECIFIED. BID ALTERNATE: PROVIDE AC OVERLAY.

GRIND/REMOVE AND REPLACE TOP 2" OF (E) AC PAVING. REFER TO CIVIL. 6.14 PROTECT (E) TREE TO REMAIN, TYP.

6.18 (E) AC CONCRETE PAVING/SLOPE TO REMAIN

6.22 NEW PLAY STRUCTURE ASSEMBLY AND COMPONENTS, CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. REFER TO SPECS.

6.23 3" POURED-IN-PLACE FALL PROTECTION ASSEMBLY OVER AGG BASE OVER PREPPED SUB GRADE. REFER TO CIVIL. CONTRACTOR TO PROVIDE AND MAINTAIN TEMP FENCING AROUND PLAY AREA UNTIL PLAY EQUIPMENT AND PIP SURFACING IS

6.24 3-3/4" POURED-IN-PLACE FALL PROTECTION ASSEMBLY OVER AGG BASE OVER PREPPED SUB GRADE. REFER TO CIVIL. CONTRACTOR TO PROVIDE AND MAINTAIN TEMP FENCING AROUND PLAY AREA UNTIL PLAY EQUIPMENT AND PIP SURFACING IS

6.26 PROVIDE MINOR GRADING AND PATCH BACK SOD ALONG EDGE OF CONCRETE CURB WHERE GRASS AREA DISTURBED BY NEW WORK, TYP.

6.28 NEW POURED-IN-PLACE FALL-PROTECTION AT PLAYGROUND AREA OVER AGG BASE OVER PREPPED SUB-GRADE. REFER TO CIVIL.

6.32 PROTECT (E) BUILDING COLUMN TO REMAIN.

6.37 (E) 6' ORNAMENTAL FENCING OVER 12"WIDE VARIABLE HEIGHT CURB, TYP.

6.40 (E) GRASS AREA. COMPLETELY REMOVE, REGRADE, AMMEND, AND PROVIDE NEW

IRRIGATION AND NEW PLANTING PER LANDSCAPE DRAWINGS AND SPECS. 6.41 PROTECT (E) UTILITY BOX, TYP. TOP OF BOX TO BE FLUSH WITH NEW WORK. ADJUST BOX ELEVATION AS REQUIRED TO BE FLUSH WITH NEW WORK. TYPICAL.

6.42 12" WIDE x 6" THICK CONCRETE CURB W/(2) CONT. #4 REBAR. TOP OF CURB TO BE FLUSH WITH TOP OF AC PAVING AND P.I.P. SURFACING.

6.43 (E) SHADE STRUCTURE / BUILDING CANOPY PROJECTION (ABOVE) TO REMAIN.

6.44 18" WIDE x 6" THICK CONCRETE CURB W/(2) CONT. #4 REBAR, AND HORIZ #4 BAR TIES AT 32"O.C., TYP. TOP OF CURB TO BE FLUSH WITH AC AND TOP OF P.I.P. SURFACING (BY OWNER). REFER TO CIVIL.

6.45 12" WIDE VARIABLE-HEIGHT CONCRETE STEM WALL ALONG PLAYGROUND AREA,W/(2) CONT. #4 REBAR, AND HORIZ #4 BAR TIES AT 32"O.C. TYP. REFER TO CIVIL. 6.46 12" WIDE VARIABLE-HEIGHT CONCRETE CURB ALONG ORNAMENTAL FENCE LINE, TYP. ALIGN OUTSIDE FACE OF WALL WITH BACKSIDE FACE OF EXISTING CONCRETE -CURB TO REMAIN. REFER TO CIVIL.

6.47 LINE INDICATES REQUIRED AREA FOR FALL PROTECTION, TYP.

6.48 PROTECT (E) STRUCTURAL COLUMN TO REMAIN, TYP. 6.49 (N) 6'-0" HIGH x (2) 6'-0" WIDE DOUBLE SWINGING ORNAMENTAL GATE. RÉFER TO DETÀIL 3/AS502.

6.26

6.45

NORTH

6.54

6.50 (N) 6'-0" HIGH x (2) 4'-0" WIDE DOUBLE SWINGING ORNAMENTAL PEDESTRIAN EGRESS * GÁTE. REFER TO DETAIL 2/AS502. 6.54 PROTECT (E) OUTDOOR BENCH TO REMAIN

6.55 PROTECT (E) CHAINLINK FENCING ASSEMBLY. REMOVE, SALVAGE AND REINSTALL FENCE FABRIC AS NECESSARY TO PERFORM WORK. PROVIDE NEW BRACKETS AND CONNECTION HARDWARE FOR REINSTALLED FABRIC.

6.59 (N) AC PAVING TO MATCH EXISTING CONCRETE PAVING LEVEL. REFER TO CIVIL.

6.62 (E) TURF PLAY AREA TO BE STRIPPED / GRUBBED AND AMMENDED AND PREPPED TO RÉCEIVE NEW SOD AND IRRIGATION. REFER TO LANDSCAPE. REFER TO KEYED NOTES FOR (E) TREES AND COMPONENTS TO REMAIN AND TO BE PROTECTED.

6.63 NEW CONCRETE EXPANSION JOINT ALONG TO THE NEW CONCRETE PAVING PERIMETER WHERE CONNECT WITH EXISTING OR NEW CONCRETE ELEMENTS 6.69 (N) 12" CONCRETE MOW STRIP ALONG THE NEW PATHWAY, TYP. REFER TO CIVIL,

RÉFER TO LANSDCAPE. 6.70 (N) 12' HEIGHT SHADE STRUCTURE ASSEMBLY, REFER TO CIVIL AND SHADE 6.72 (N) ORNAMENTAL FENCE ASSEMBLY, MATCH HEIGHT WITH EXISTING. REFER TO

SPECS AND DETAILS 1 TO 5/AS502

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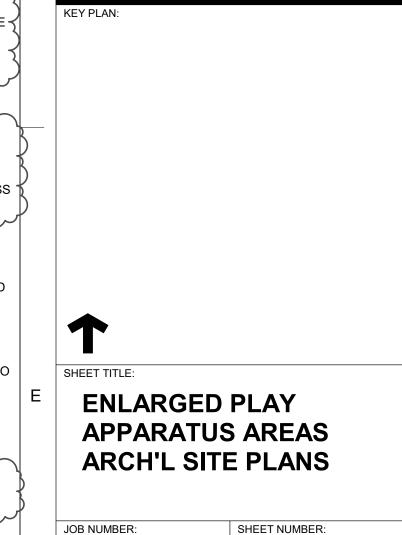
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PLAYGROUND UPGRADES AND LANDSCAPE **REPAIRS**

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AS103

DEC 20 2024

ADD ADDENDUM # 1

MAIN PLAY APPARATUS ENLARGED ARCH'L SITE PLAN

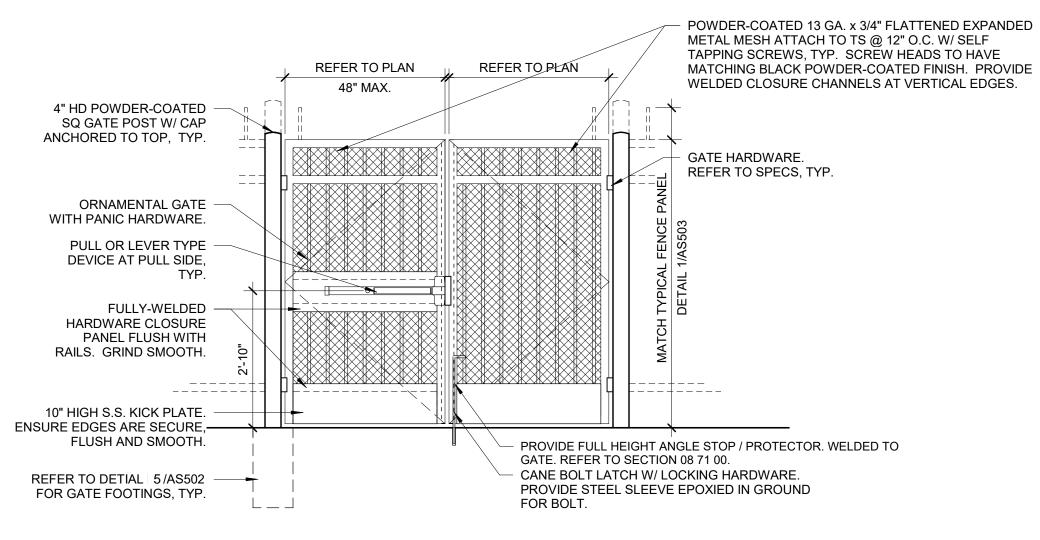
1/8" = 1'-0"

100000

(6.63)

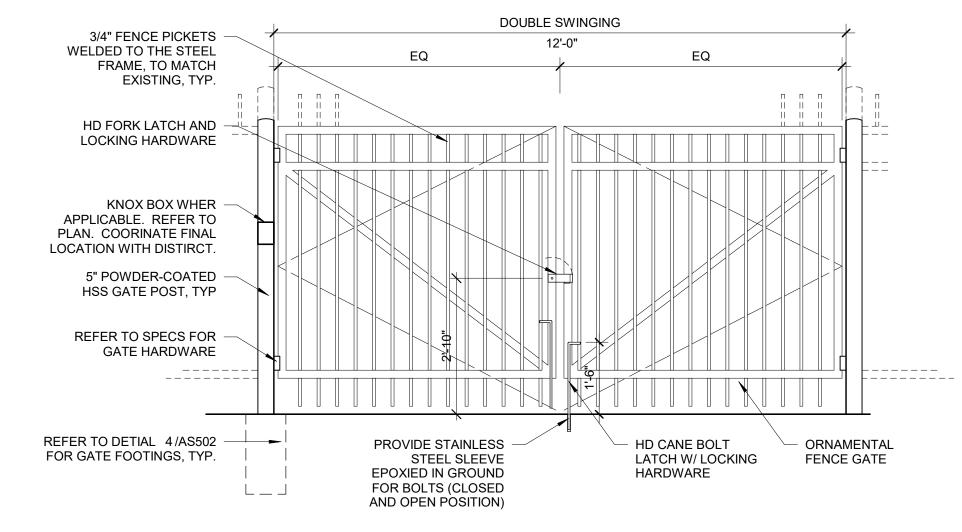
6.32

6.03



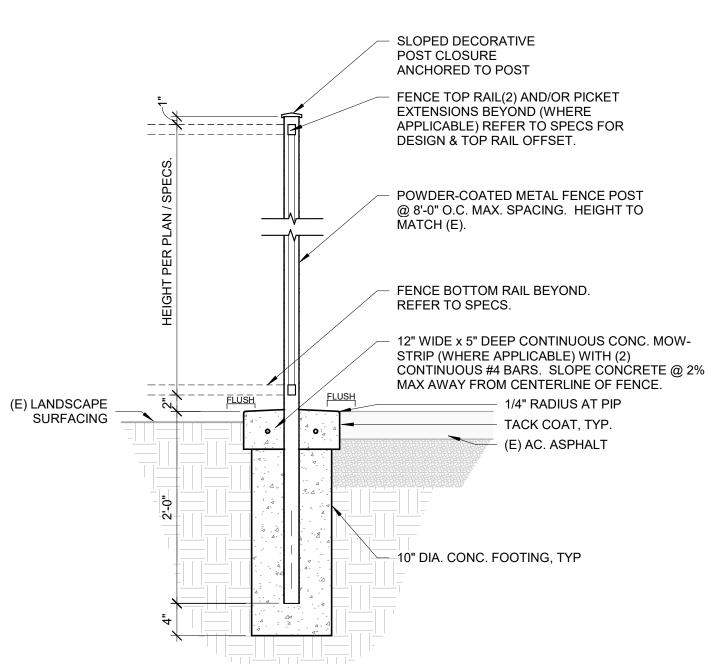
DOUBLE PEDESTRIAN GATE SINGLE PANIC

1/2" = 1'-0"

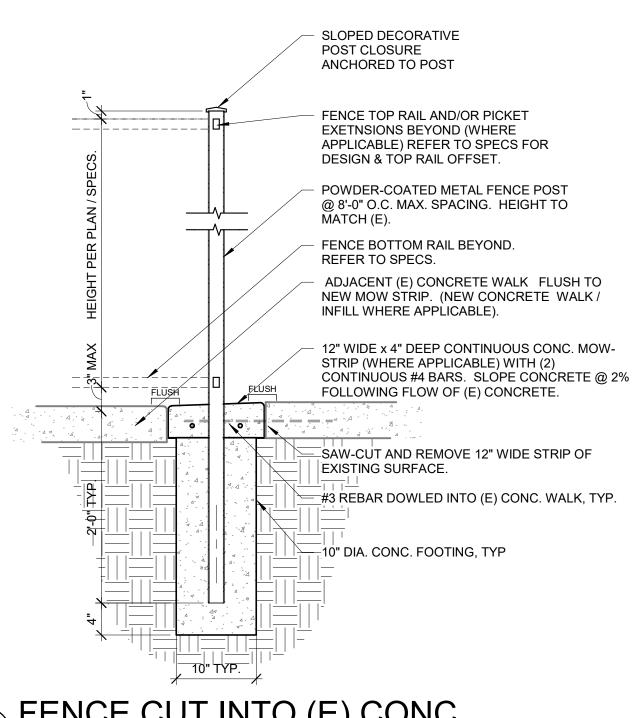


3 LARGE ORNAMENTAL GATE

1/2" = 1'-0"

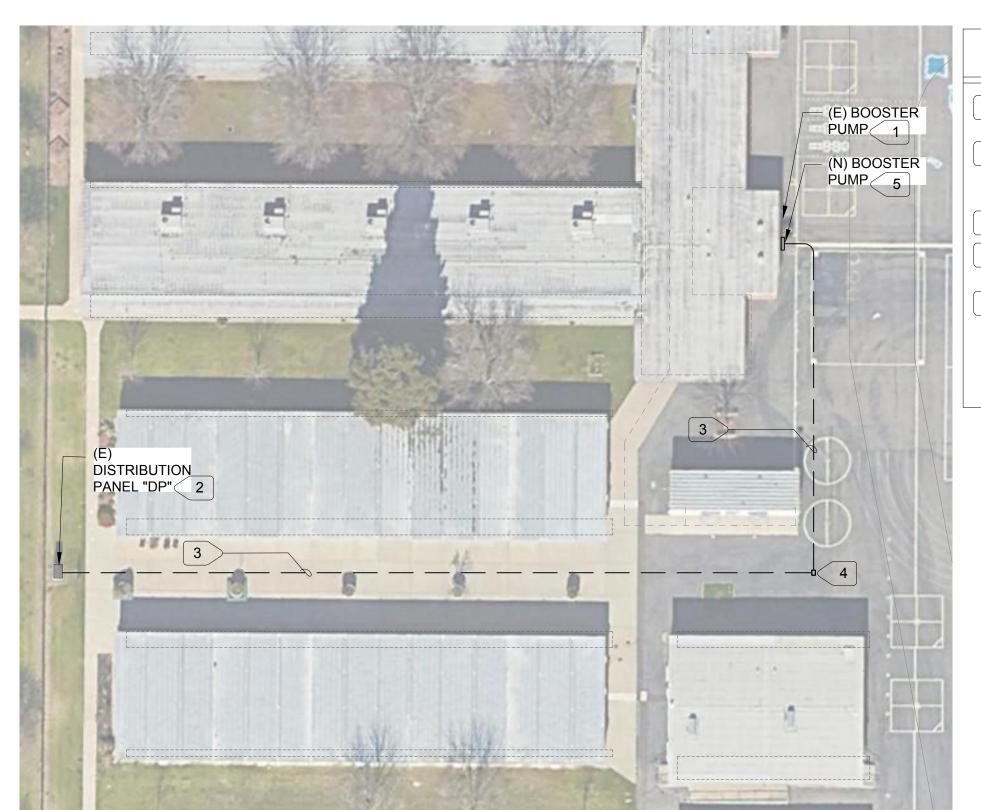


FENCE POST @ POUR IN PLACE + LANDSCAPE



FENCE CUT INTO (E) CONC.

5 T'' = 1'-0"

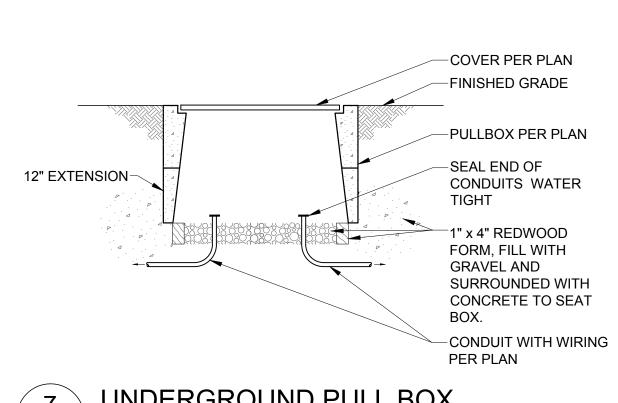


PARTIAL SITE PLAN - ELECTRICAL

NUMBERED NOTES:

DISCONNECT (E) BOOSTER PUMP. REMOVE WIRING BACK TO SOURCE. REMOVE EXPOSED CONDUITS, DISCONNECT, ETC. PATCH AND PAINT.

- 2 PROVIDE (N) 50/3 CIRCUIT BREAKER IN (E) SPACE. PROVIDE ALL PART AND PIECES FOR COMPLETE INSTALLATION. PROVIDE PHENOLIC ENGRAVED LABEL TO READ: "BOOSTER PUMP".
- 3 > 3#6, 1#10G IN 1" PVC SCHEDULE 40 CONDUIT. DIRECTIONAL BORE.
- 4 > PROVIDE N16 PULLBOX WITH TWO EXTENSION AND CONCRETE LID WITH HOLD DOWN BOLTS. INSTALL FLUSH WITH GRADE.
- 5 CONNECT BOOSTER PUMP CONTROLLER. FROM CONTROLLER CONNECT (2) PUMPS USING 3#6, 1#10G. USE 1" RIGID STEEL CONDUIT FOR EXPOSED RUN, AND PVC SCHEDULE 40 FOR UNDERGROUND RUN. PAINT EXPOSED CONDUITS TO MATCH SURFACE TO WHICH THEY ARE ATTACHED. PROVIDE CONTROL WIRING AS REQUIRED BY BOOSTER PUMP MANUFACTURER.



UNDERGROUND PULL BOX

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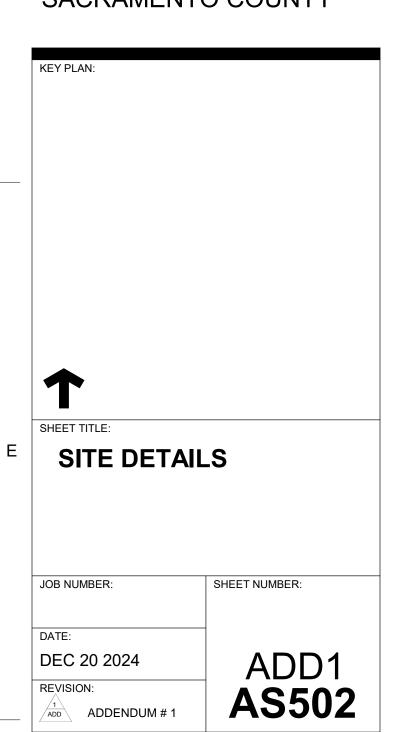
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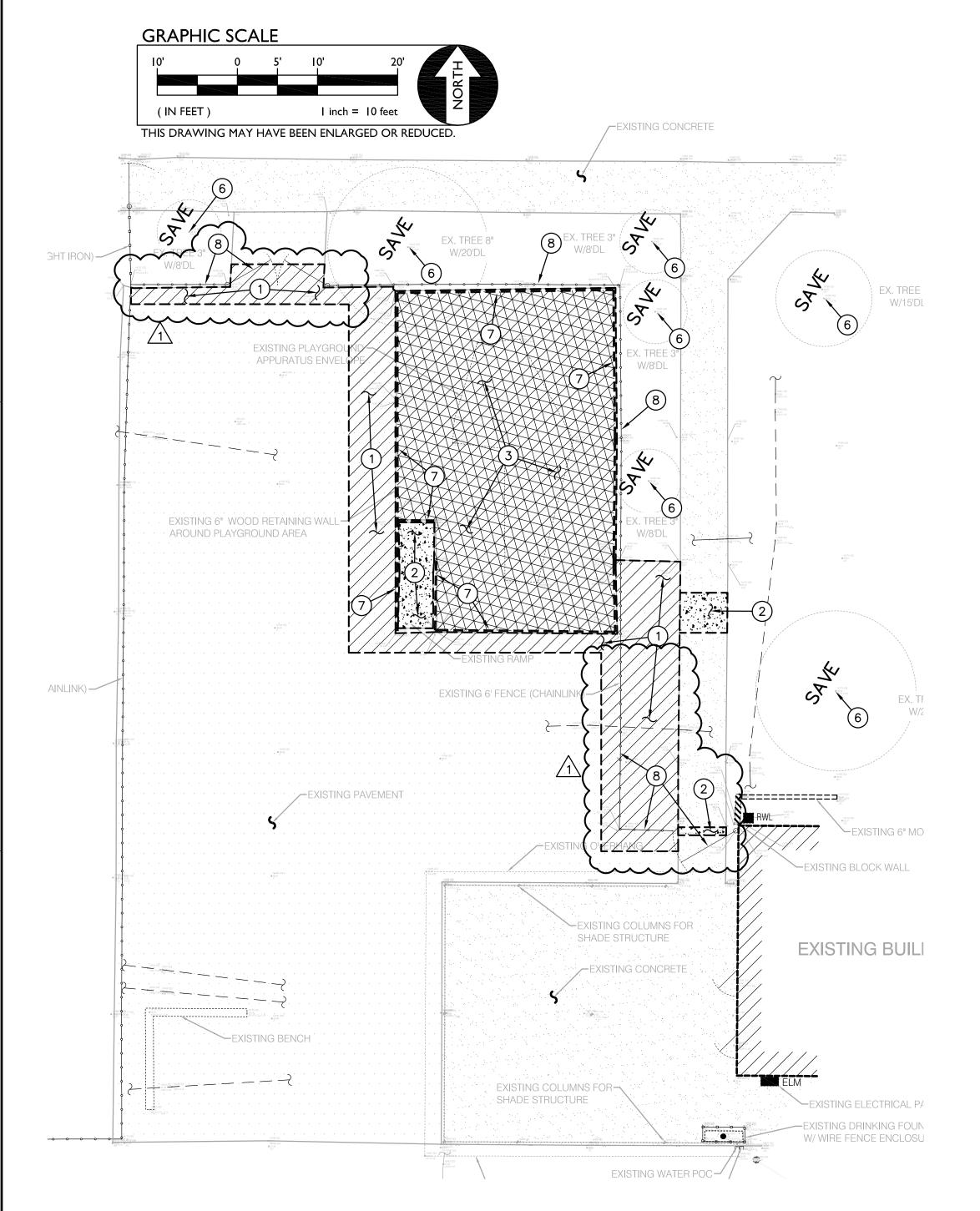
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PLAYGROUND UPGRADES AND LANDSCAPE REPAIRS

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KINDER PLAYGROUND AREA

DEMOLITION NOTES

1. REMOVE EXISTING ASPHALT PAVING AND AGGREGATE BASE. WHERE SAWCUT EDGES ARE SHOWN, THEY SHALL BE A NEAT STRAIGHT LINE. MAINTAIN CLEAN STRAIGHT CUT EDGE UNTIL NEW PAVING PLACED.

2. REMOVE EXISTING CONCRETE PAVING AND AGGREGATE BASE. WHERE SAWCUTS ARE NECESSARY, THEY SHALL BE A NEAT STRAIGHT LINE. CUT SHALL BE MADE AT NEAREST EXISTING JOINT TO LOCATION SHOWN.

3. REMOVE AND DISPOSE OF EXISTING APPARATUS, BARK, ASPHALT AND AGGREGATE BASE.

4. REMOVE AND DISPOSE OF EXISTING APPARATUS, BARK, FILTER FABRIC, ETC.

5. CLEAR AND GRUB. MATCH EXISTING CONDITIONS UPON COMPLETION OF GRADING UNLESS OTHERWISE NOTED.

6. EXISTING TREE TO REMAIN AND TO BE PROTECTED.

7. REMOVE AND DISPOSE OF EXISTING WOOD HEADER BOARD APPARATUS BORDER.

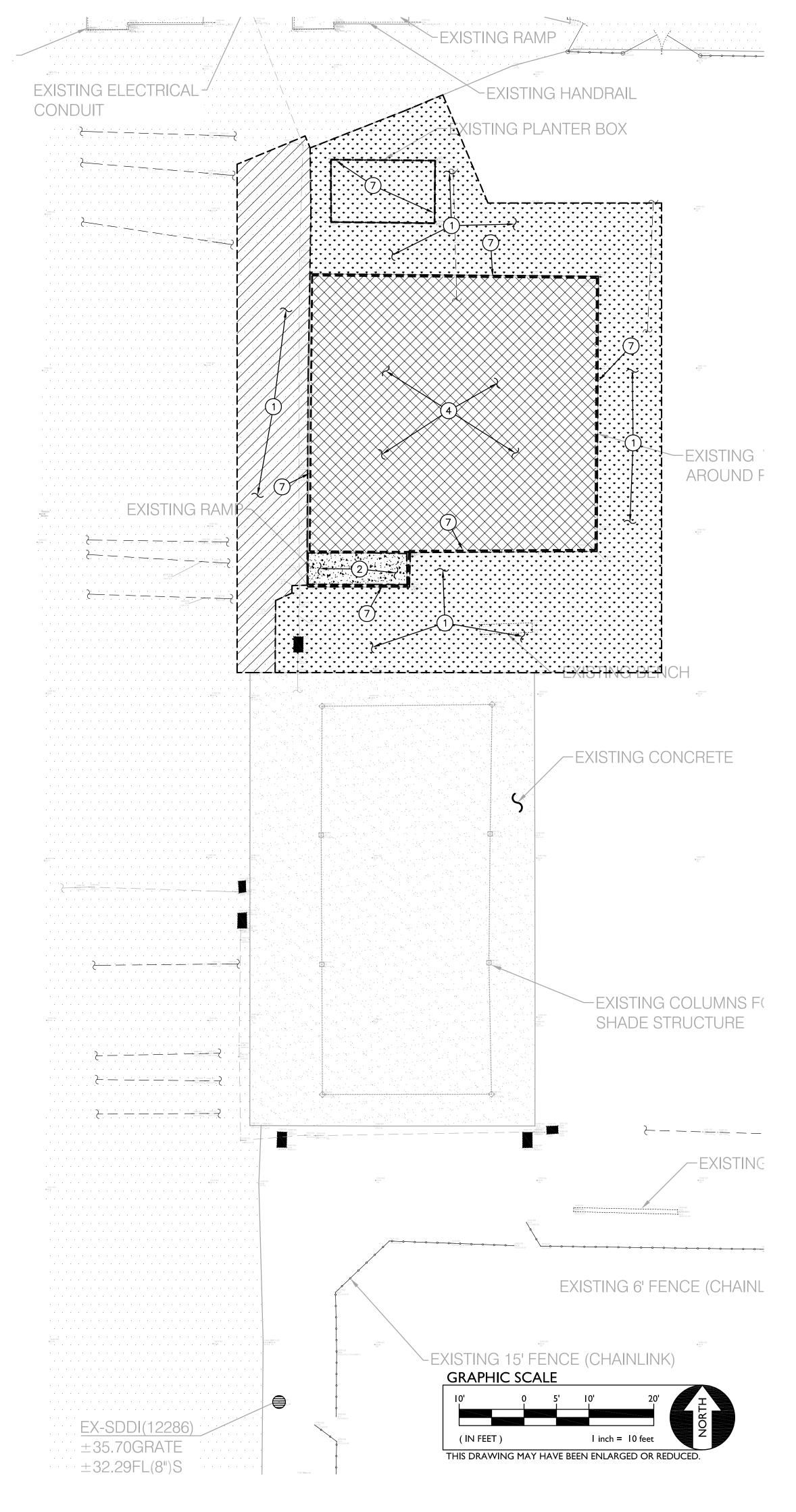
8. REMOVE AND DISPOSE OF EXISTING CHAINLINK FENCE, GATES AND FOOTINGS.

FENCING NOTE

SEE ARCHITECTURAL PLANS FOR EXISTING FENCING REMOVAL AND REPLACEMENT.

IRRIGATION DEMOLITION NOTE

WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION. SEE LANDSCAPE PLANS FOR FURTHER DIRECTION.

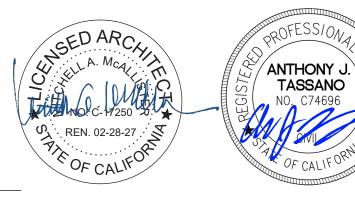


MAIN PLAYGROUND AREA



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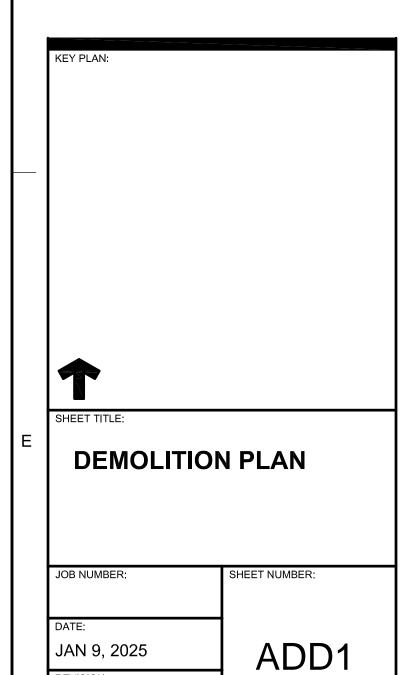
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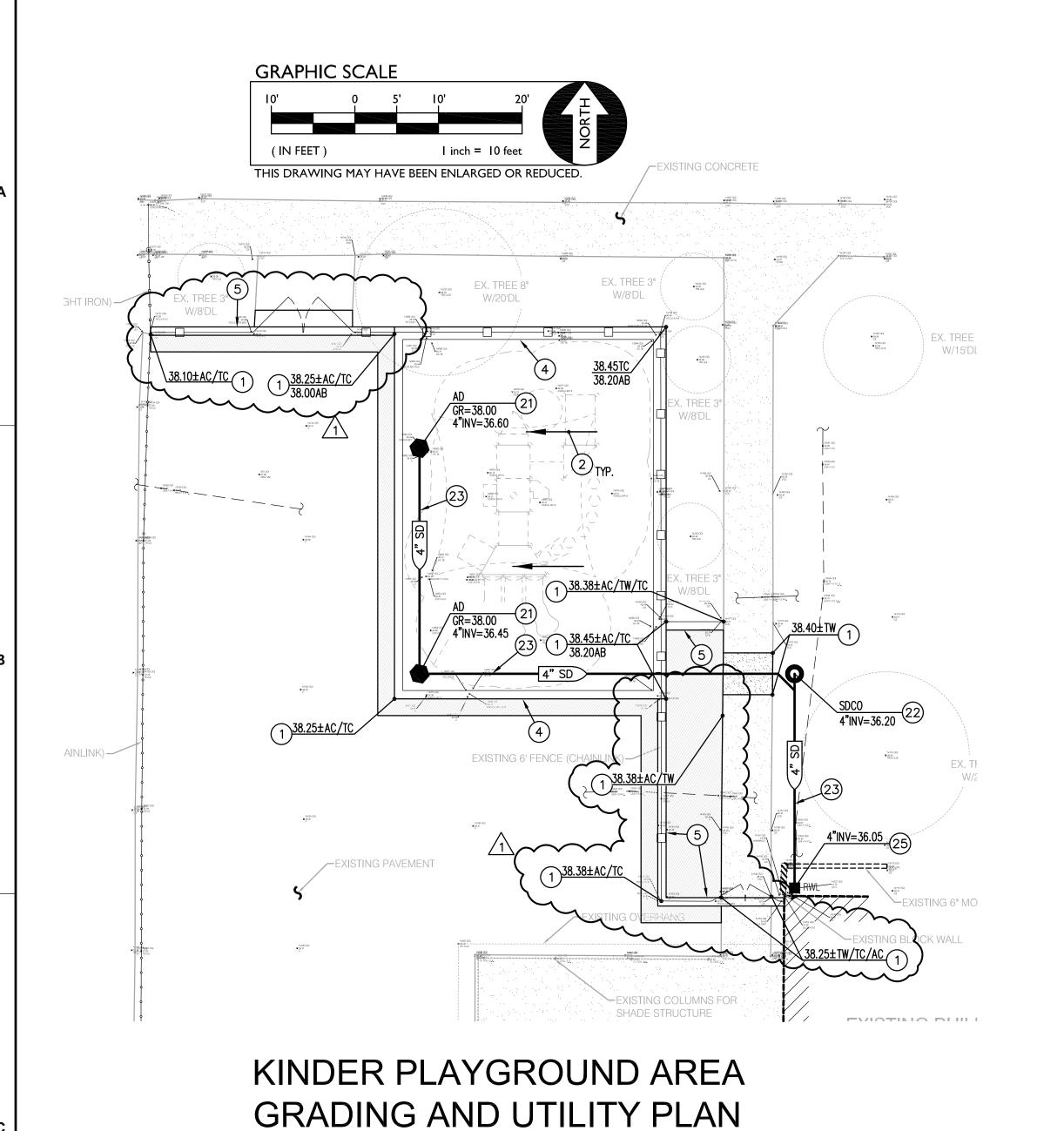
PLAYGROUND UPGRADES AND LANDSCAPE REPAIRS

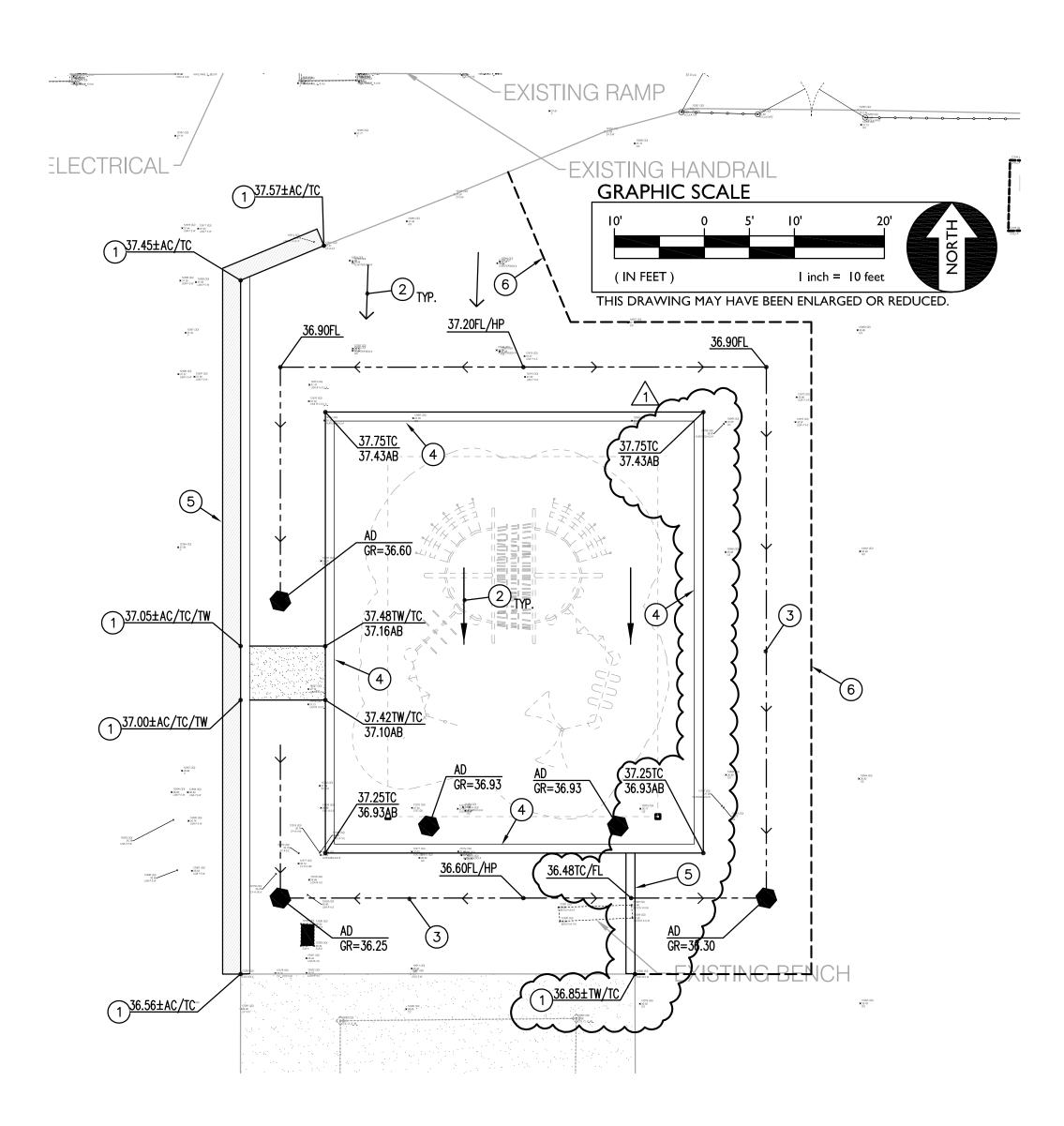
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1 ADDENDUM # 1





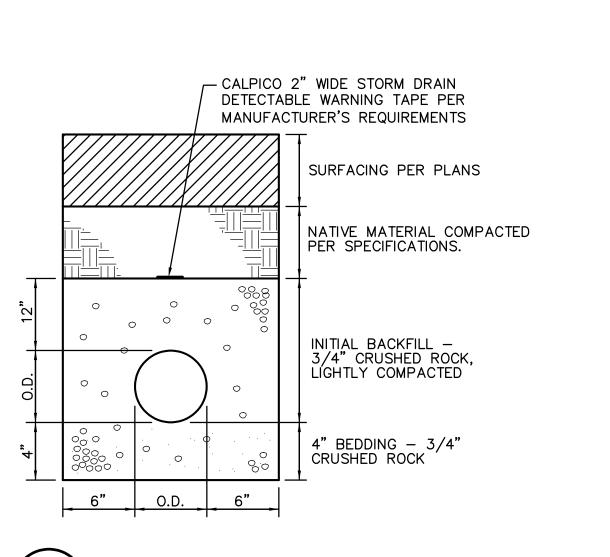
MAIN PLAYGROUND AREA GRADING PLAN

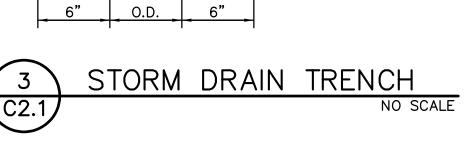
GENERAL PAVEMENT SLOPE REQUIREMENTS:

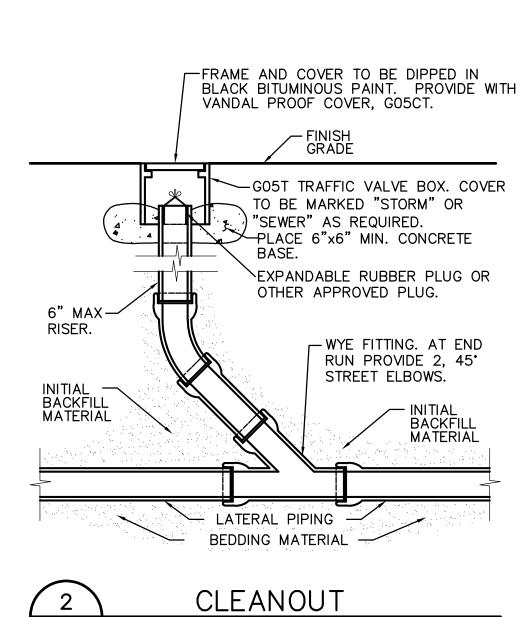
NO SCALE

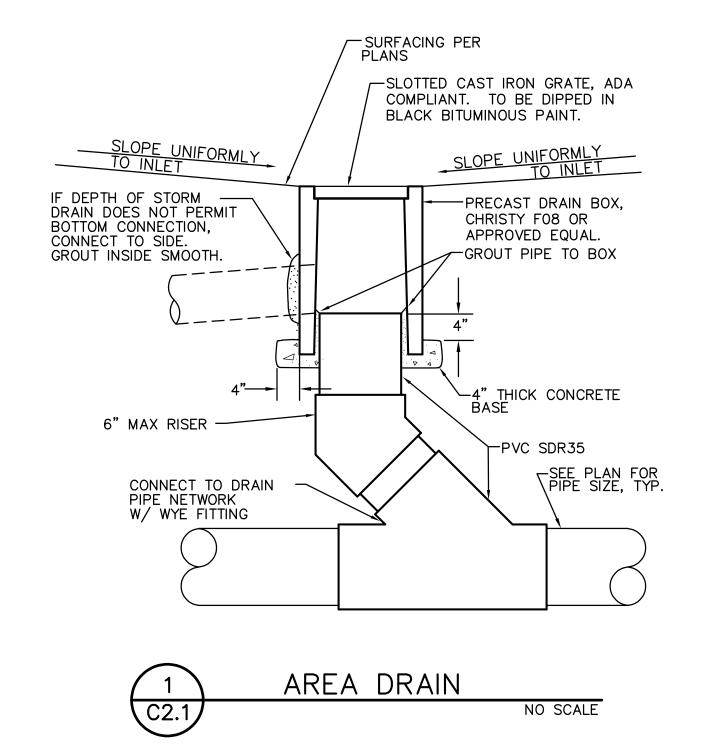
SLOPE OF FINISHED PAVING TO BE 1% MINIMUM FOR ASPHALT, 0.5% MINIMUM FOR CONCRETE (1% MINIMUM AWAY FROM BUILDINGS) AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS;

CROSS SLOPE PERPENDICULAR TO PATH OF TRAVEL — 1.9%
DIRECTION OF TRAVEL — 4.9%
RAMP IN DIRECTION OF TRAVEL — 8.0%
PLAZA 1.9% — IN ANY DIRECTION







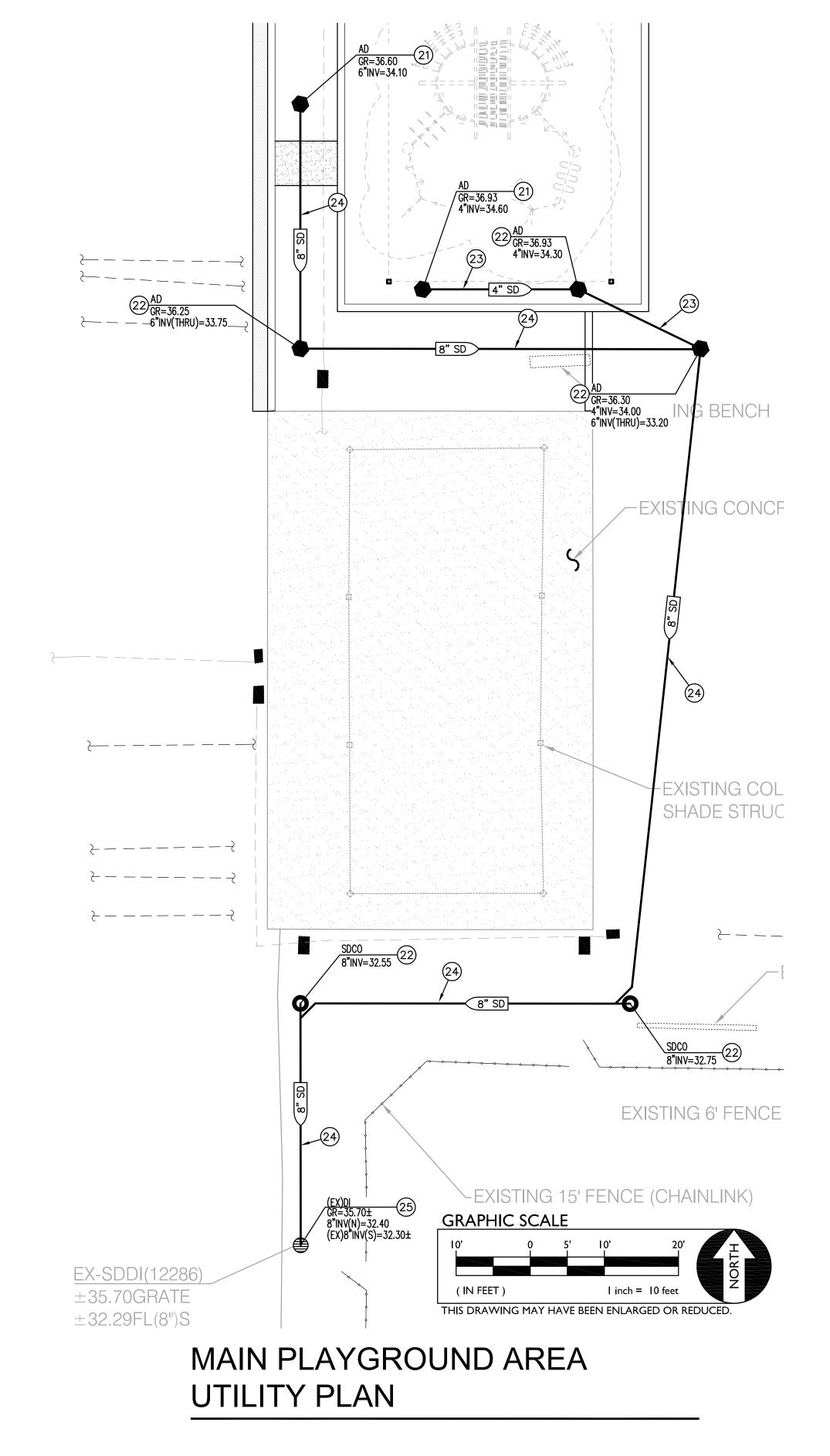


GRADING NOTES

- 1. MATCH EXISTING GRADE/ELEVATION.
- 2. GRADE UNIFORMLY TO SWALE AND/OR INLET.
- 3. CONSTRUCT SWALE. 5.1 MAX. SIDE SLOPE.
- 4. CONSTRUCT APPARATUS CURB PER ARCHITECTURAL PLANS.
- 5. CONSTRUCT CONCRETE FLUSH CURB PER ARCHITECTURAL PLANS.
- 6. LIMITS OF GRADING.

O DRAINAGE NOTES

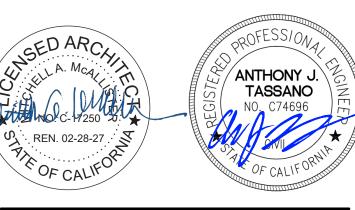
- 21. CONSTRUCT AREA DRAIN PER $\frac{1}{C2}$.
- 22. CONSTRUCT AREA DRAIN PER C2.1
- 23. PLACE 4" SDR35 STORM DRAIN PER
- 24. PLACE 8" SDR35 STORM DRAIN PER C2.1
- 25. CONNECT TO EXISTING STORM DRAIN. PROVIDE NECESSARY FITTINGS TO MAKE CONNCETION. POTHOLE TO VERIFY DEPTH, LINE SIZE AND LOCATION PRIOR TO





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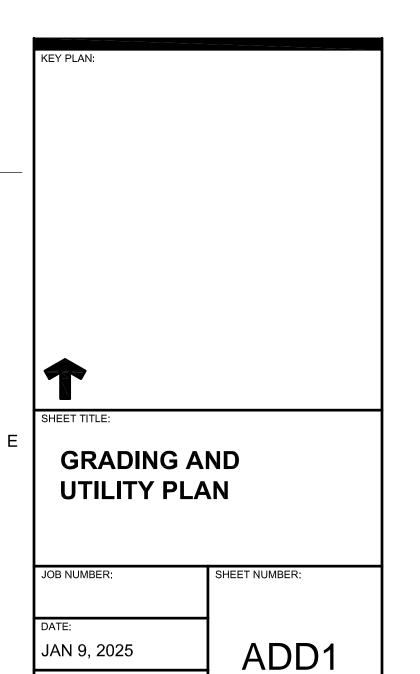
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PLAYGROUND UPGRADES AND LANDSCAPE REPAIRS

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ADDENDUM # 1

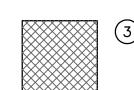
C2.1

MAIN PLAYGROUND AREA

PAVING LEGEND

MATCH EXISTING PAVING SECTION (MINIMUM 3" AC OVER 6" CLASS II AB) ON SUBGRADE COMPACTED TO 95%..

PLACE 0.5" POUR IN PLACE RUBBER WEAR COURSE OVER 2.5" SBR CUSHION LAYER ON 18" OF CLASS II AB ON SUBGRADE COMPACTED TO 95%.. VERIFY CUSION LAYER THICKNESS WITH APPARATUS PLANS PRIOR TO PLACEMENT.



PLACE 0.5" POUR IN PLACE RUBBER WEAR COURSE OVER 3.25" SBR CUSHION LAYER ON 18" OF CLASS II AB ON COMPACTED SUBGRADE. VERIFY CUSION LAYER THICKNESS WITH APPARATUS PLANS PRIOR TO PLACEMENT.



PLACE 5" PCC WITH #4 REBAR @ 24" O.C.E.W. OVER C3.1



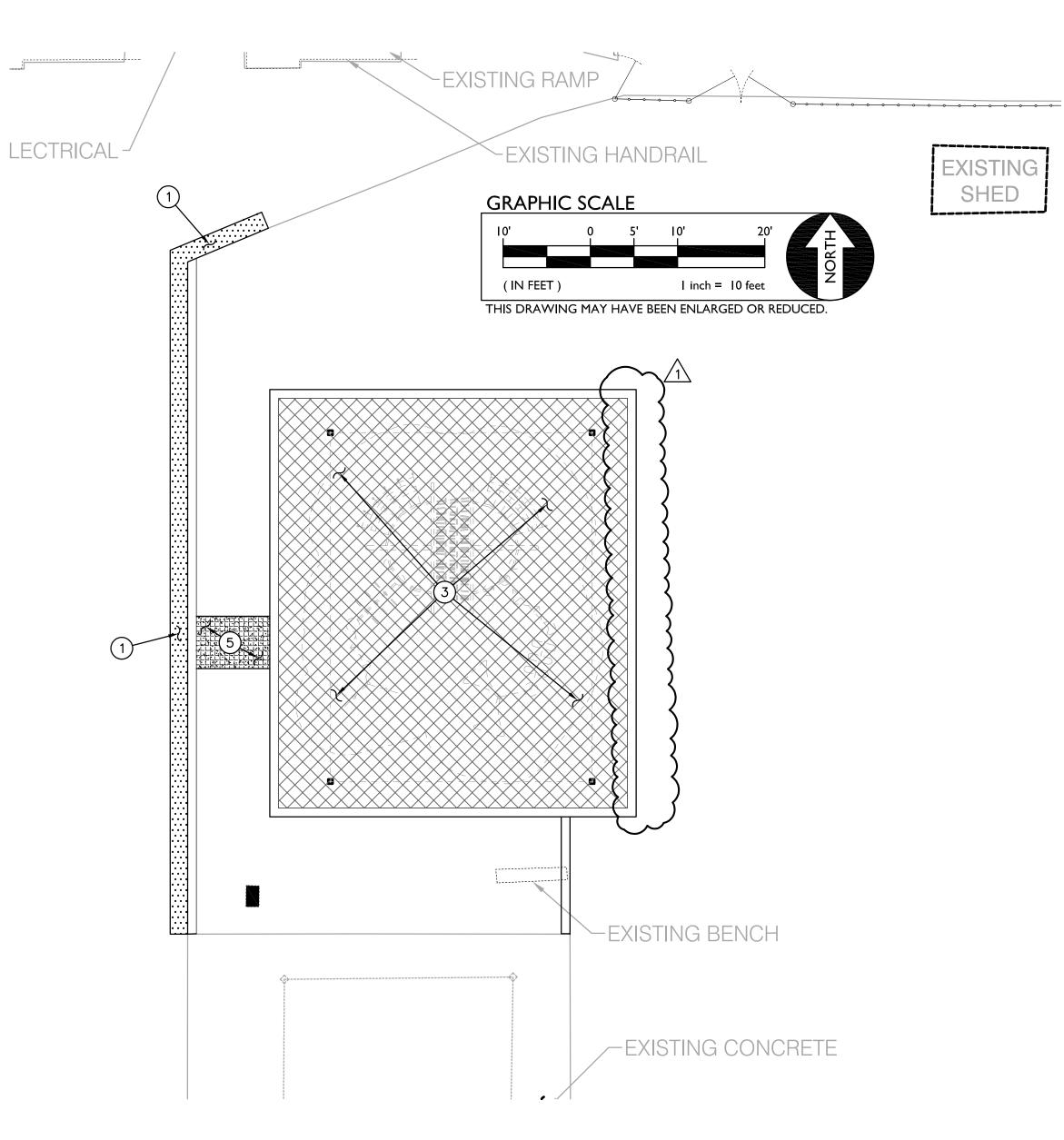
PLACE 5" PCC WITH #4 REBAR @ 24" O.C.E.W. OVER 12" CLASS II AB ON SUBGRADE COMPACTED TO 95%.

PAVING GENERAL NOTES:

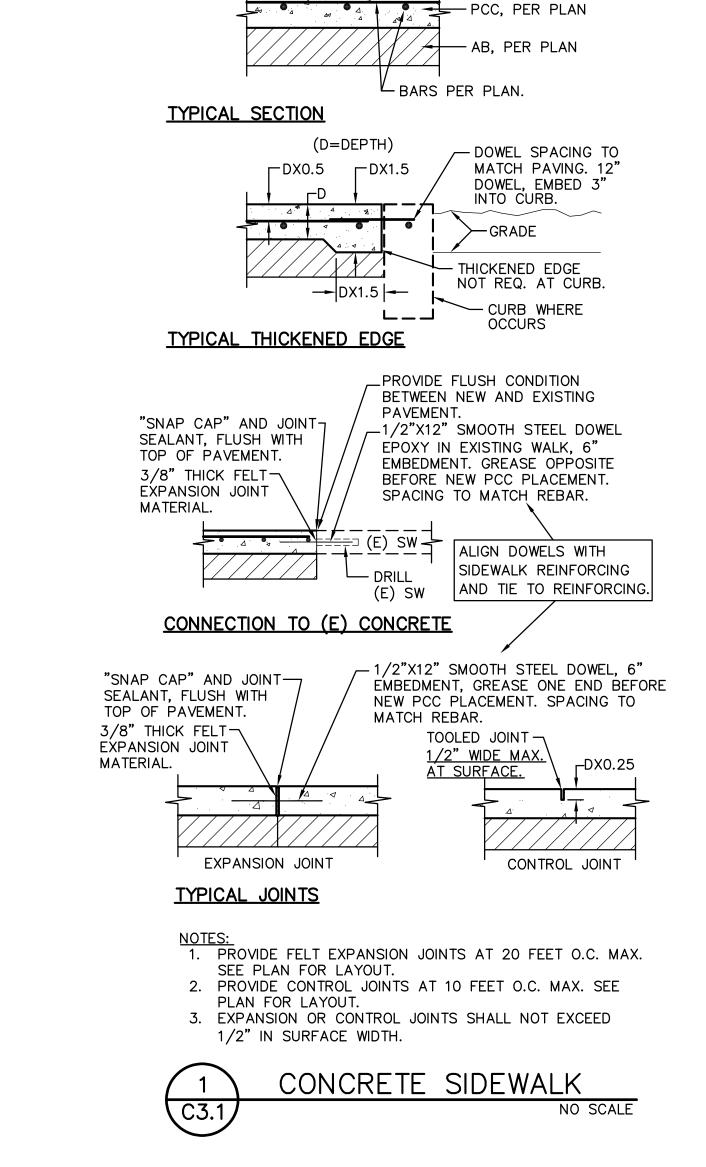
- 1. AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE.
- 2. ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE
- 3. RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB.
- 4. PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, AND COMPACTION SHALL BE PERFORMED AFTER; A. POT HOLING ALL EXISTING UTILITIES. B. THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
- 6. ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE RESTORED.
- 7. REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
- 8. ADJUST TO FINISH GRADE ALL BOXES, FRAMES, COVERS SLEEVES, POST HOLES, GRATES, ETC. FOUND IN NEW ASPHALT OR CONCRETE PAVING AREAS, WHICH ARE NOT NOTED FOR REMOVAL. REPLACE PER PLAN.
- 9. ALL NEW ASPHALT PAVING TO BE PROVIDED WITH SEALCOAT PER SPECIFICATIONS.
- 10. REFER TO ARCHITECTURAL PLANS FOR CONTROL AND EXPANSION JOINTS, AND CONCRETE FINISH.
- 11. SLOPE OF FINISHED PAVING TO BE 1% MINIMUM FOR ASPHALT, 0.5% MINIMUM FOR CONCRETE AND THE MAXIMUM SLOPE SHALL BE AS FOLLOWS;

CROSS SLOPE PERPENDICULAR TO PATH OF TRAVEL - 1.9% DIRECTION OF TRAVEL - 4.9% RAMP IN DIRECTION OF TRAVEL - 8.0% PLAZA 1.9% - IN ANY DIRECTION

12. ALL EXPOSED ASPHALT EDGES SHALL HAVE 12" WIDE CONCRETE FLUSH CURB WHETHER SHOWN OR NOT.

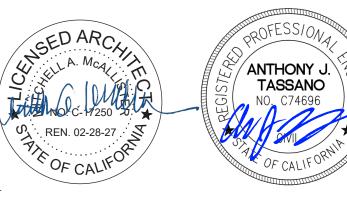


KINDER PLAYGROUND AREA





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PLAYGROUND UPGRADES AND LANDSCAPE **REPAIRS**

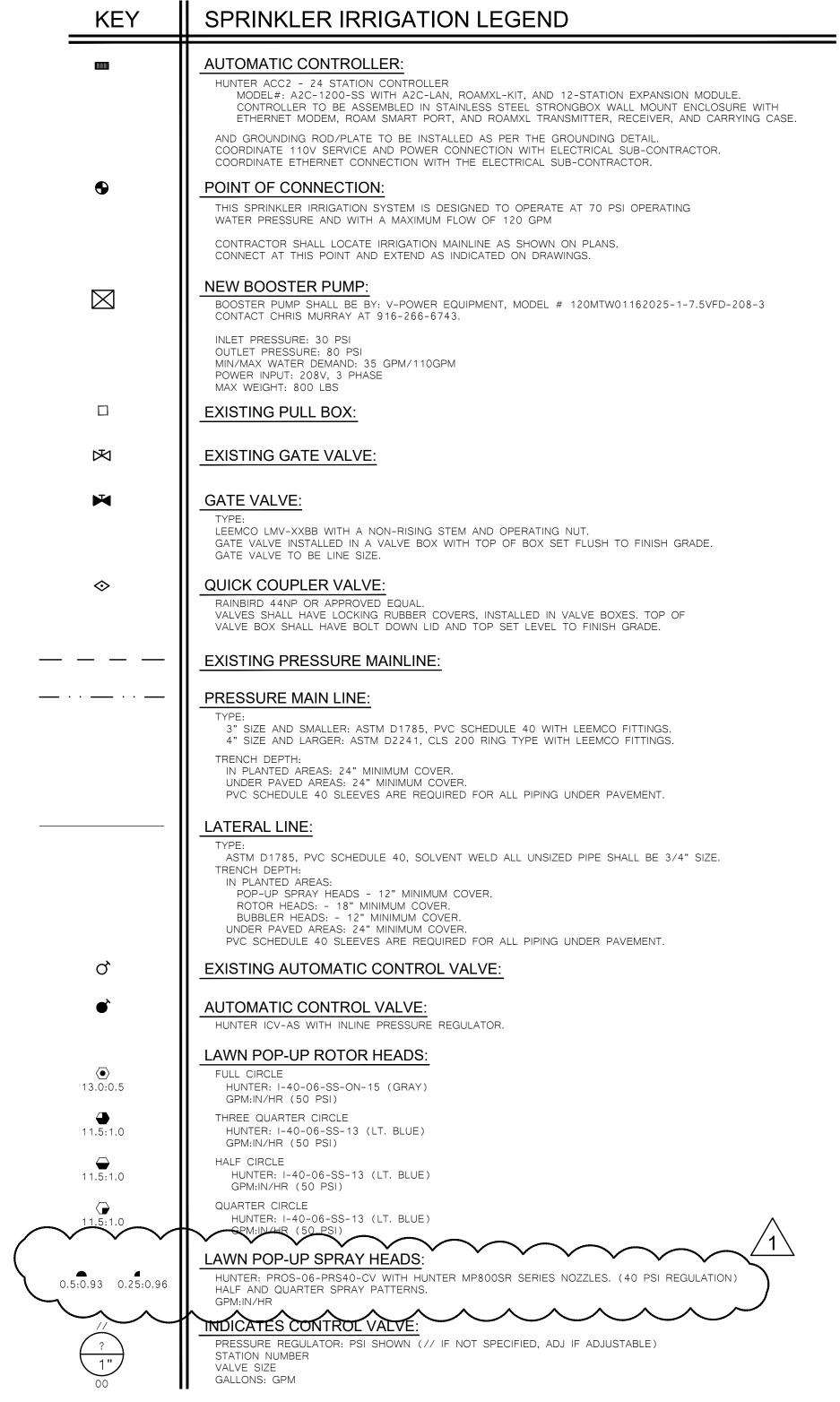
SACRAMENTO CITY UNIFIED SCHOOL DISTRICT

5735 47TH AVENUE SACRAMENTO, CA 95824 SACRAMENTO COUNTY

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/1 ADDENDUM # 1





SPRINKLER IRRIGATION NOTES

- 1. COMPOSITE BASE SHEET: PROPOSED IMPROVEMENTS SHOWN ON DRAWINGS ARE SUPERIMPOSED ON A COMPOSITE BASE SHEET. THE COMPOSITE BASE SHEET IS A COMPILATION OF ARCHITECTURAL, ENGINEERING, AND OTHER DATA THAT IS PROVIDED. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR ERRORS PERTAINING TO THE COMPOSITE BASE SHEET. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS. ANY DISCREPANCIES NEED TO BE BROUGHT TO THE ATTENTION OF THE DESIGN TEAM AND RESOLVED PRIOR TO CONTINUATION OF WORK.
- 2. DESIGN PRESSURE SHOWN ON PLANS HAS BEEN FURNISHED BY WATER COMPANY OR WATER DISTRICT SERVING SITE. VERIFY PRESSURE ON-SITE PRIOR TO THE INSTALLATION OF ANY SPRINKLER IRRIGATION EQUIPMENT. IF THERE IS A DISCREPANCY, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IN WRITING SO ADJUSTMENTS CAN BE MADE BY LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES AND CONTINUANCE OF WORK WILL RESULT IN ALL RE-DESIGN COSTS BEING CHARGED TO CONTRACTOR.
- 3. DETERMINE LOCATION OF UNDERGROUND UTILITIES. DAMAGE CAUSED BY INSTALLATION OF THIS WORK SHALL BE REPAIRED TO SATISFACTION OF GOVERNING AGENCY OR OWNER AT NO ADDITIONAL COST TO THE CONTRACT.
- 4. SPRINKLER OVER SPRAY SHALL NOT BE ALLOWED ON PUBLIC SIDEWALKS, BUILDING WALLS OR FENCES. MINIMUM OVERSPRAY MAY OCCUR IN PARKING AREAS. USE ADJUSTABLE NOZZLES WHENEVER POSSIBLE TO CONTROL SPRINKLER OVERSPRAY.
- 5. ALL LOCAL CODES AND ORDINANCES SHALL BE COMPLIED WITH. IF THERE IS A CONFLICT, NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY.
- 6. TESTING:
 A. PRESSURE TEST ALL UNDERGROUND PIPING AS FOLLOWS:
 SYSTEMS WITH BOOSTER PUMP:
 - MAIN LINE AT 100 PSI FOR 4 HOURS.

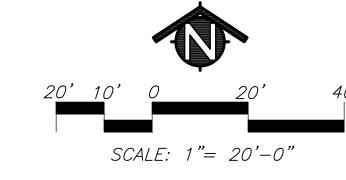
 LATERAL LINES AT 100 PSI FOR 2 HOURS.

 SYSTEMS WITH OUT BOOSTER PLIMP:
 - SYSTEMS WITH OUT BOOSTER PUMP:

 MAIN LINE AT STATIC PSI FOR 4 HOURS.

 LATERAL LINES AT STATIC PSI FOR 2 HOURS.
 - B. COVERAGE TEST: NOTE: PRIOR TO REQUESTING COVERAGE TEST, INSURE ALL HEADS ARE SET PLUMB, NOZZLES ARE ADJUSTED PROPERLY AND SYSTEM HAS BEEN CHECKED FOR AUTOMATION. REQUEST OWNER'S REPRESENTATIVES PRESENCE ON-SITE WHEN SPRINKLER SYSTEM IS COMPLETELY INSTALLED AND FULLY AUTOMATIC. PROVIDE ADEQUATE PERSONNEL AT THIS MEETING TO ADJUST AND FINE TUNE SYSTEM TO SATISFACTION OF OWNER'S REPRESENTATIVE.
- 7. LAYOUT ALL WORK PRIOR TO TRENCHING OPERATIONS TO DETERMINE IF MINOR MODIFICATIONS OR ADJUSTMENTS WILL BE REQUIRED.
- 8. INSTALL ALL SPRINKLER HEADS PERPENDICULAR TO SLOPES OR GRADE.9. CONTROL WIRE SHALL BE UF-14, COLOR FOR LEAD AND WHITE FOR COMMON. SPLICES SHALL BE PERMITTED AT VALVE BOX LOCATIONS
- ONLY.

 10. PROVIDE AND INSTALL AUTOMATIC CONTROLLER AND UF-14 CONTROL WIRE. ELECTRICAL SUBCONTRACTOR SHALL PROVIDE 110V
- SERVICE AND SERVICE HOOKUP FROM POWER SOURCE TO AUTOMATIC CONTROLLER.
- 11. COORDINATE ALL WORK WITH OTHER TRADES SO PROGRESS OF WORK IS NOT INTERRUPTED AND CAN BE COMPLETED IN A TIMELY MANNER.
- 12. NO PLANTING SHALL BE STARTED UNTIL ALL SPRINKLER WORK HAS BEEN TESTED AND APPROVED IN PRESENCE OF OWNER'S REPRESENTATIVE.
- 13. FOR SPRINKLER IRRIGATION INSTALLATION DETAILS, SEE SHEET NO. L4.1.



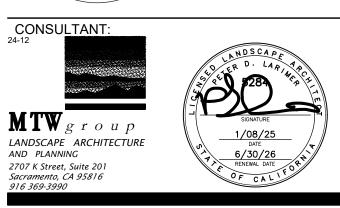


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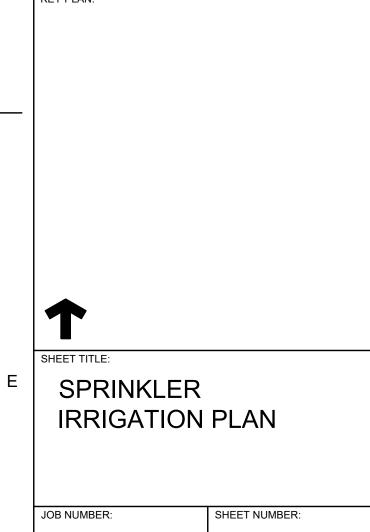
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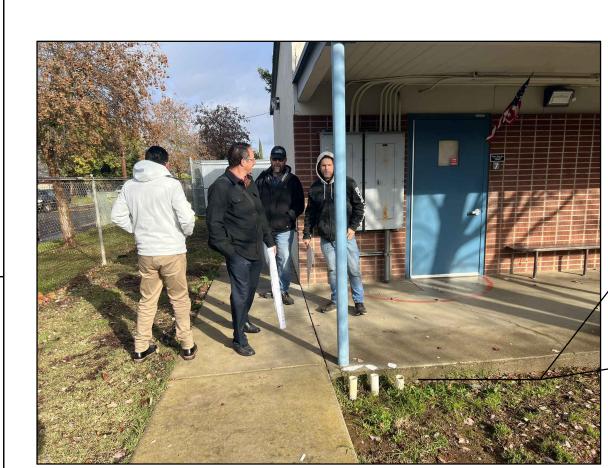
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ADD1

ADDENDUM # 1 L3.1

EXISTING VALVES IN CONCRETE

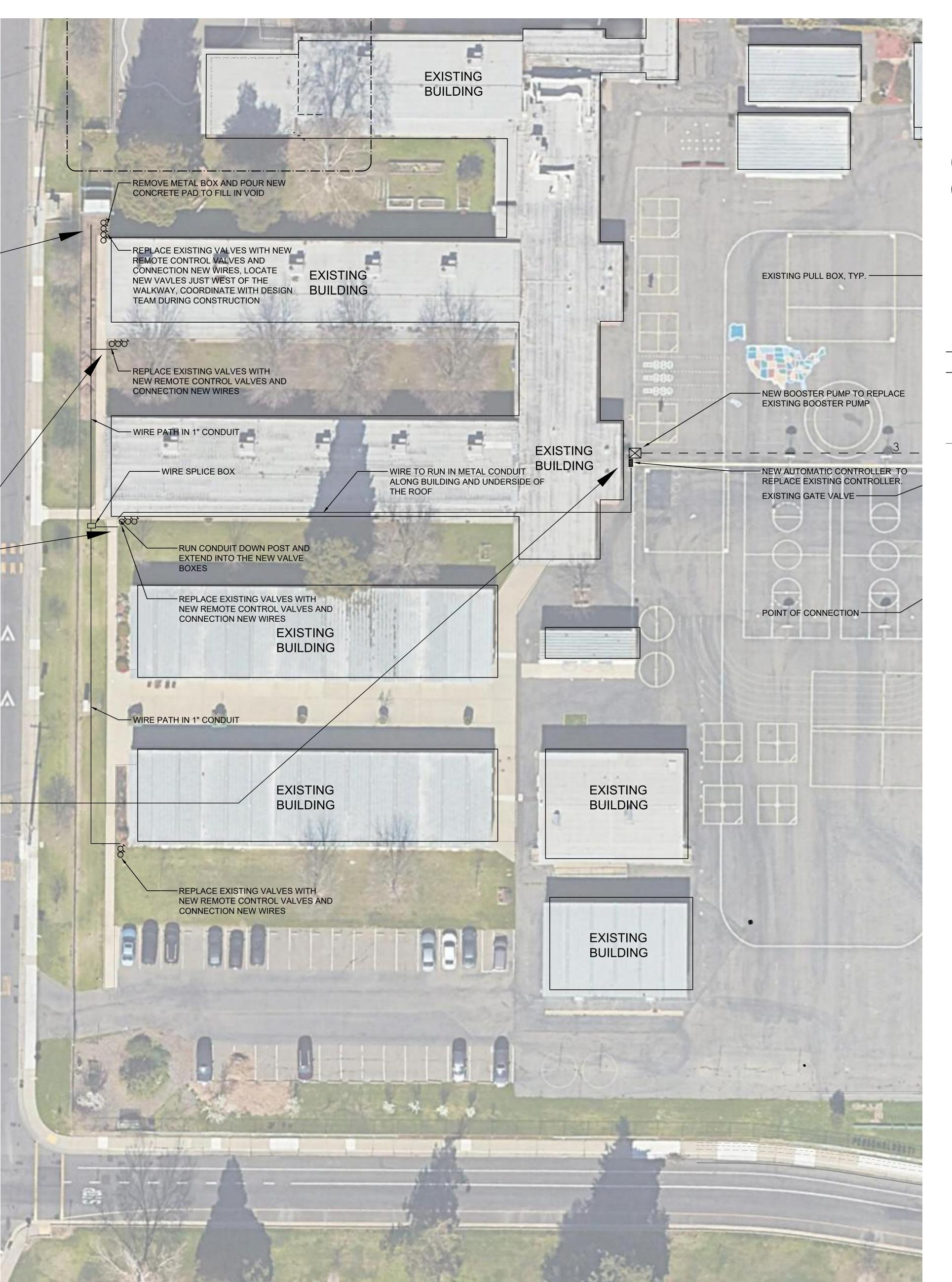


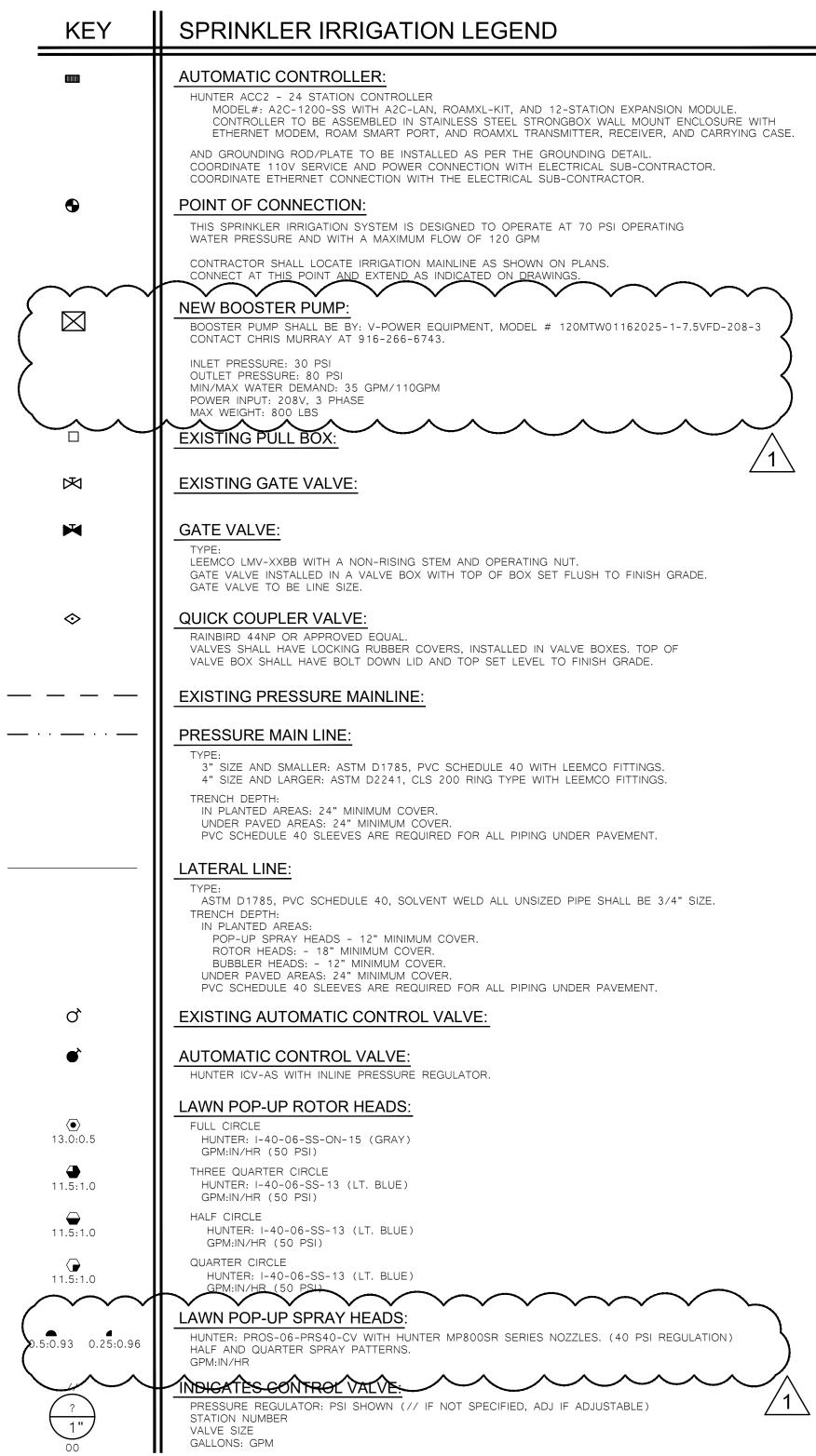


EXISTING VALVES



EXISTING PUMP AND CONTROLLER





SPRINKLER IRRIGATION NOTES

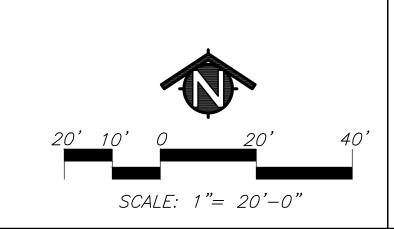
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 MAIN LINE AT STATIC PSI FOR 4 HOURS.

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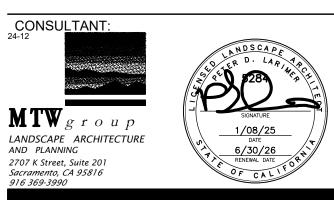


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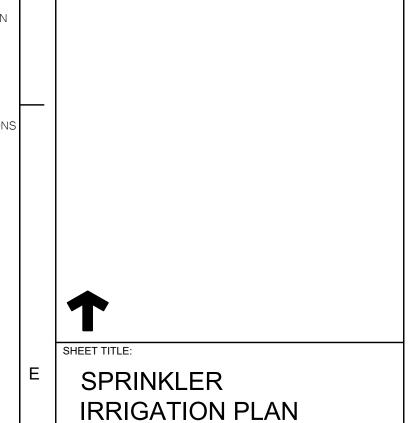
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ATE: AN 08 2025

JOB NUMBER:

ADD1 ADDENDUM # 1

L3.2

