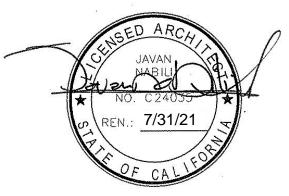
# **DOCUMENT 00 9113**

# ADDENDA

#### GENERAL

- 1.01 The following sets forth the format for issued Addenda.
- ADDENDUM NO. 1 dated September 23, 2019.
- RE: SOUND MITIGATION at OAK STREET ELEMENTARY
- FROM: OWNER: INGLEWOOD UNIFIED SCHOOL DISTRICT 401 S. Inglewood Avenue Inglewood, CA 90301
- TO: ALL PROSPECTIVE BIDDERS:



Architect/Engineer Stamp & Signature

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated 08-14-19, as noted below. Acknowledge receipt of the Addendum in the space provided on the Bid and Acceptance Form. Failure to do so may result in the bid being deemed non-responsive.

The Addendum consists of **52 pages.** 

- A. CHANGES TO BIDDING REQUIREMENTS TABLE OF CONTENTS: Remove Section 00 0110, Table of Contents, and replace with Revised Section 00 0110, Table of Contents
- B. CHANGES TO PRIOR ADDENDUM: NOT APPLICABLE
- C. CHANGES TO BIDDING DOCUMENTS: NOT APPLICABLE
- D. CHANGES TO CONDITIONS OF THE CONTRACT: NOT APPLICABLE
- E. CHANGES TO SPECIFICATIONS:

**Delete the following specifications:** 

08 5656 Security Window Screens

Replace the following specifications section in its entirety:

08 7100 Door Hardware

F. CHANGES TO DRAWINGS:

The following (full size) sheets are hereby <u>re-issued</u> as part of this addendum (changes clouded):

#### **ARCHITECTURAL**

#### AAD102 DEMOLITION ROOF PLAN- BUILDING A

1.Remove portion of roof over covered walks & roof drains.

#### AA102 ROOF PLAN- BUILDING A

1.Install new portion of roof over covered walks & new roof drains.

2.Remove detail references not required.

# 1.Add new roof drain and overflow detail. 2.Update typical roof details. A701 DOOR TYPES, DOOR SCHEDULE 1. Revise description for door A15A under comment's column. CIVIL C202 TYPICAL CIVIL DETAILS 1.Detail 7: Add curb drain detail. C301 SITE DEMOLITION PLAN 1.Demolition Notes: Add keynote #8 2.Plan: Remove additional existing paving. C302 SITE DEMOLITION PLAN 1.Salvage Notes: Add keynote #C to column and plan. 2.Plan: Remove additional existing paving. C401 **GRADING AND DRAINAGE PLAN** 1.Construction Notes: Add keynotes #4, #5, #36, #37 and #42. 2.Plan: Add additional new paving. C402 **GRADING AND DRAINAGE PLAN** 1.Construction Notes: Add keynotes #36 and #42. 2.Plan: Add additional new paving. C403 **GRADING AND DRAINAGE PLAN** 1. Construction Notes: Add additional locations for keynote #1 LANDSCAPE LI-101 LANDSCAPE IRRIGATION PLAN 1.Plan: Extend additional planter irrigation at existing planters in courtyard.

#### LP-101 LANDSCAPE PLANTING PLAN

1. Plan: Provide additional planting at existing planters in courtyard.

#### MECHANICAL

A602

**ROOF DETAILS** 

#### M2.03 DETAILS & CONTROL

1.Detail 3: Revise detail notations.

#### The following <u>new</u> full-size sheets (Exterior Paint Package) are issued as part of this addenda:

#### 1) G001.1 TITLE SHEET, CONTACT INFORMATION, DRAWINGS SHEET INDEX, SITE PLAN

- 2) AA301.1 BUILDING A- EXTERIOR PAINT ELEVATIONS
- 3) AA302.1 BUILDING A- EXTERIOR PAINT ELEVATIONS
- 4) AB301.1 BUILDING B- EXTERIOR PAINT ELEVATIONS
- 5) AC301.1 BUILDING C- EXTERIOR PAINT ELEVATIONS

The following (8.5x 11) sketches are hereby issued as part of this addendum:

#### ASK-01 Restroom Tile Finish Layout

1. Revise tile design to extend full height for each remodeled restroom in approved set.

# ASK-02 <u>Water Filter D.F.</u>

1. Add water filter specified for each remodeled drinking fountain in approved set.

#### ASK-03 <u>Water Filter Installation</u>

1. Add detail for water filter installation.

ASK-04 District Standard Fixture Compliance

- 1. District has suggested the following fixture models specified as a basis of design for all of the restroom in this approved set.
- G. CHANGE TO OWNER'S DESIGN CONSULTANT: NOT APPLICABLE
- H. OTHER CHANGES AS SET FORTH: NOT APPLICABLE
- I. Clarification (see below) or any other notice of a change in the Bidding Documents will be issued only by the OWNER and only in the form of a written Addendum transmitted by fax or e-mail to all who are known by the issuing office to have received a complete set of Bidding Documents and attended the Mandatory Bid Walk. Any other purported Addenda are void and unenforceable.

# **BIDDING QUESTIONS and RESPONSES:** See attached.

# END OF ADDENDUM NO. 1

# BIDDING DOCUMENTS TABLE OF CONTENTS

DIVISION	N 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS	Page
	Project Title Page	00
	Table of Contents.	
	Table of Contents. Addendum No. 1.	
DIVISION	N 01 - GENERAL REQUIREMENTS	
01 1000	Summary	
01 1216	Phasing of the Work	
01 2100	Allowances	
01 2300	Alternates	
01 2500	Substitution Procedures	
01 2513	Product Substitution Procedures	
01 2600	Contract Modification Procedures	
01 2613	Request for Clarification	
01 2900	Schedule of Values	
01 2973	Schedule of Values	
01 2976	Progress Payment Procedures	
01 3100	Project Management and Coordination	11
01 3113	Project Coordination	04
01 3119	Progress Meetings	
01 3210	Construction Schedule	
01 3229	Project Forms	
01 3233	Photographic Documentation	04
01 3300	Submittal Procedures	
01 3527	Site Safety	
01 4000	Quality Requirements	
01 4200	References	
01 4213	Abbreviations, Symbols and Acronyms	
01 4523	Testing and Inspection	
01 4525	Testing, Adjusting, and Balancing for HVAC	
01 5000	Construction Facilities and Temporary Controls	
01 5639	Temporary Tree and Plant Protection	
01 5723	Storm Water Pollution Control Measures	
01 6000	Product Requirements	

01 6010	Material and Equipment	.04
01 7000	Execution Requirements	. 12
01 7123	Field Engineering and Survey Control	.06
01 7329	Cutting and Patching	.07
01 7417	Cleaning and Site Appearance	.04
01 7419	Construction Waste Management	. 08
01 7700	Closeout Procedures	. 09
01 7823	Operation and Maintenance Data	. 09
01 7836	Warranties	.03
01 7839	Project Record Documents	.06
01 7900	Demonstration and Training	. 07
01 8620	Test and Balance	. 22
01 9113	General Commissioning Requirements	. 14
DIVISION	02 - EXISTING CONDITIONS	
02 2600	Abatement of Hazardous Materials	04
02 4116	Demolition	
02 8213	Asbestos Abatement & Asbestos Related Disturbance	
02 8333	Lead Abatement and Lead Related Construction Work	
		>
	03 - CONCRETE	05
03 1000	Concrete Forming and Accessories	
03 2000	Concrete Reinforcing	
03 3000	Cast-In Place Concrete	. 19
DIVISION	04 – MASONRY	
04 2200	Concrete Unit Masonry	. 10
DIVISION	05 – METALS	
05 0513	Hot-Dip Galvanizing	.06
05 5000	Metal Fabrications	
05 5100	Guards and Railings	
DIVISION	06 - WOOD, PLASTICS, AND COMPOSITES	
		00
06 1000	Rough Carpentry	.09
DIVISION	07 - THERMAL AND MOISTURE PROTECTION	
07 1400	Fluid Applied Waterproofing	.06
07 2100	Thermal Insulation	.06

	07 2500	Roof Patch & Repair	13
	07 6000	Flashing and Sheet Metal	06
	07 9200	Joint Sealants	06
	DIVISION	08 – OPENINGS	
	08 1113	Hollow Metal Doors and Frames	13
	08 3116	Access Panels and Frames	03
	08 3473	Sound Control Door Assemblies	11
	08 5113	Aluminum Windows	06
f	<u> </u>		``~
$\left( \right)$	08 7100	Door Hardware	<b>16</b> f
	08 8000	Glazing	
	08 8716	Anti-Graffiti Control Film	04
	DIVISION	09 – FINISHES	
	09 2423	Cement Plaster and Metal Lath	13
	09 2900	Gypsum Board	12
	09 3013	Ceramic Tiling	11
	09 5113	Acoustic Panel Ceilings	09
	09 6513	Rubber Base	04
	09 6518	Rubber Flooring and Stair Covering	06
	09 6519	Vinyl Composition Tile	06
	09 9013	Painting of Existing Facilities	19
	DIVISION	10 - SPECIALTIES	
	10 1400	Signage	13
	10 2113	Solid Phenolic Toilet Compartments	08
	10 2813	Toilet Accessories	04
	10 4413	Fire Extinguishers and Cabinets	05
	10 7516	Flagpoles	03
	DIVISION	11 – EQUIPMENT – NOT USED	
	DIVISION	12 - FURNISHINGS	
	12 2413	Roller Window Shades	05
	DIVISION	13 - SPECIAL CONSTRUCTION – NOT USED	
	DIVISION	14 - CONVEYING EQUIPMENT – NOT USED	

# DIVISION 21 - FIRE-SUPPRESSION - NOT USED

# DIVISION 22 – PLUMBING

22 0500	Common Work Results for Plumbing	09
22 0513	Basic Plumbing Materials and Methods	30
22 0553	Plumbing Identification	05
22 0700	Plumbing Insulation	08
22 1000	Plumbing	24

# DIVISION 23 - HEATING, VENTILATING, AND AIR CONDITIONING

23 0500	Common Work Results for HVAC	
23 0513	Basic HVAC Materials and Methods	
23 0548	HVAC Sound, Vibration & Seismic Control	
23 0553	HVAC Identification	
23 0700	HVAC Insulation	
23 0800	HVAC Systems Commissioning	07
23 0813	Environmental Controls & Energy Management Systems Commissioning	
23 0900	HVAC Instrumentation and Controls	
23 0923	Environmental Controls & Energy Management Systems	
23 3000	Air Distribution	
23 8000	Heating, Ventilation and Air Conditioning Equipment	

# DIVISION 26 - ELECTRICAL

26 0100	Basic Materials and Methods	
26 0160	Electrical Demolition for Remodeling	01
26 0519	Wires and Cable Rated 600 Volt	05
26 0526	Grounding	03
26 0533	Conduit	
26 0534	Boxes	03
26 0553	Electrical Identification	
26 0921	Electrical HVAC Plumbing Coordination	
26 2416	Panelboards	
26 2726	Wiring Devices	
26 2813	Fuses	
26 2816	Disconnect Switches	

DIVISION 27 - COMMUNICATIONS - NOT USED

DIVISION	28 – ELECTRONIC SAFETY AND SECURITY	
28 3100	Fire Detection and Alarm	
DIVISION	31 – EARTHWORK	
31 1000	Site Clearing	
31 2200	Grading	
31 2316	Excavation and Fill for Paving	
31 2319	Excavation and Fill for Structures	07
31 2323	Excavation and Fill for Utilities	
31 2326	Base Course	
DIVISION	32 – EXTERIOR IMPROVEMENTS	
32 0117	Asphalt Pavement Repair	
32 1216	Asphalt Paving	
32 1236	Seal for Bituminous Surfacing	
32 1313	Site Concrete Work	
32 1700	Paving Specialties	
32 1723	Pavement Markings	
32 3110	Chain Link Fences and Gates	
32 8413	Potable Water Irrigation	
32 8416	Irrigation Controls	
32 9000	Planting	
DIVISION	33 – SITE IMPROVEMENTS	
33 4000	Storm Drainage Utilities	

# END OF TABLE OF CONTENTS

## SECTION 08 7100

#### DOOR HARDWARE

#### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section Includes:
  - 1. Door hardware.
- B. Related Divisions:
  - 1. Division 06 door hardware installation
  - 2. Division 07 sealant at exterior thresholds
  - 3. Division 08 metal doors and frames, interior aluminum frames, wood doors, integrated security systems, specialty doors, storefront and glazed curtainwall systems.
  - 4. Division 10 operable partitions
  - 5. Division 21 fire and life safety systems
  - 6. Division 28 security access systems
- C. Specific Omissions: Hardware for the following is specified or indicated elsewhere.
  - 1. Windows.
  - 2. Cabinets, including open wall shelving and locks.
  - 3. Signs, except where scheduled.
  - 4. Toilet accessories, including grab bars.
  - 5. Installation.
  - 6. Rough hardware.
  - 7. Conduit, junction boxes & wiring.
  - 8. Folding partitions, except cylinders where detailed.
  - 9. Sliding aluminum doors, except cylinders where detailed.
  - 10. Access doors and panels, except cylinders where detailed.
  - 11. Corner Guards.
  - 12. Welded steel gates and supports.

#### 1.2 **REFERENCES:**

- A. Use date of standard in effect as of Bid date.
  - 1. American National Standards Institute
    - a) ANSI 156.18 Materials and Finishes.
    - b) ICC/ANSI A117.1 1998 Specifications for making buildings and facilities usable by physically handicapped people. [omit for CA work not applicable]
  - 2. BHMA Builders Hardware Manufacturers Association
  - 3. 2016 California Building Code
    - a) Chapter 11B Accessibility To Public Buildings, Public Accommodations, Commercial Buildings and Public Housing

- 4. DHI Door and Hardware Institute
- 5. NFPA National Fire Protection Association
  - a) NFPA 80 2013 Edition Standard for Fire Doors and Other Opening Protectives.
  - b) NFPA 105 Smoke and Draft Control Door Assemblies
  - c) NFPA 252 Fire Tests of Door Assemblies
- 6. UL Underwriters Laboratories
  - a) UL10C Positive Pressure Fire Tests of Door Assemblies.
  - b) UL 305 Panic Hardware
- 7. WHI Warnock Hersey Incorporated State of California Building Code
- 8. Local applicable codes
- 9. SDI Steel Door Institute
- 10. WI Woodwork Institute
- 11. AWI Architectural Woodwork Institute
- 12. NAAMM National Association of Architectural Metal Manufacturers
- B. Abbreviations
  - 1. Manufacturers: see table at 2.1.A of this section
  - 2. Finishes: see 2.7 of this section.

## 1.3 SUBMITTALS & SUBSTITUTIONS

- A. SUBMITTALS: Submit six copies of schedule per D. Only submittals printed one sided will be accepted and reviewed. Organize vertically formatted schedule into "Hardware Sets" with index of doors and headings, indicating complete designations of every item required for each door or opening. Minimum 10pt font size. Include following information:
  - 1. Type, style, function, size, quantity and finish of hardware items.
  - 2. Use BHMA Finish codes per ANSI A156.18.
  - 3. Name, part number and manufacturer of each item.
  - 4. Fastenings and other pertinent information.
  - 5. Location of hardware set coordinated with floor plans and door schedule.
  - 6. Explanation of abbreviations, symbols, and codes contained in schedule.
  - 7. Mounting locations for hardware.
  - 8. Door and frame sizes, materials and degrees of swing.
  - 9. List of manufacturers used and their nearest representative with address and phone number.
  - 10. Catalog cuts.
  - 11. Point-to-point wiring diagrams.
  - 12. Manufacturer's technical data and installation instructions for electronic hardware.
  - 13. Date of jobsite visit.
- B. Bid and submit manufacturer's updated/improved item if scheduled item is discontinued.
- C. Deviations: Highlight, encircle or otherwise identify deviations from "Schedule of Finish Hardware" on submittal with notations clearly designating those portions as deviating from this section.

- D. If discrepancy between drawings and scheduled material in this section, bid the more expensive of the two choices, note the discrepancy in the submittal and request direction from Architect for resolution.
- E. Substitutions per Division 1. Include product data and indicate benefit to the Project. Furnish operating samples on request.
- F. Furnish as-built/as-installed schedule with closeout documents, including keying schedule, riser and point-to-point wiring diagrams, manufacturers' installation, adjustment and maintenance information, and supplier's final inspection report.

# 1.4 QUALITY ASSURANCE:

- A. Qualifications:
  - 1. Hardware supplier: direct factory contract supplier who employs a certified architectural hardware consultant (AHC), available at reasonable times during course of work for project hardware consultation to Owner, Architect and Contractor.
    - a) Responsible for detailing, scheduling and ordering of finish hardware. Detailing implies that the submitted schedule of hardware is correct and complete for the intended function and performance of the openings.
- B. Hardware: Free of defects, blemishes and excessive play. Obtain each kind of hardware (latch and locksets, exit devices, hinges and closers) from one manufacturer.
- C. Exit Doors: Operable from inside with single motion without the use of a key or special knowledge or effort.
- D. Fire-Rated Openings: NFPA 80 compliant. Hardware UL10C (positive pressure) compliant for given type/size opening and degree of label. Provide proper latching hardware, non-flaming door closers, approved-bearing hinges, and resilient seals. Coordinate with wood door section for required intumescent seals. Furnish openings complete.
- E. Furnish hardware items required to complete the work in accordance with specified performance level and design intent, complying with manufacturers' instructions and code requirements.
- F. Pre-Installation Meetings: Initiate and conduct with supplier, installer and related trades, coordinate materials and techniques, and sequence complex hardware items and systems installation. Include manufacturers' representatives of locks, panic hardware and door closers in the meetings. Convene prior to commencement of related work.

#### 1.5 DELIVERY, STORAGE AND HANDLING:

- A. Delivery: coordinate delivery to appropriate locations (shop or field).
  - 1. Permanent keys and cores: secured delivery direct to Owner's representative.
- B. Acceptance at Site: Items individually packaged in manufacturers' original containers, complete with proper fasteners and related pieces. Clearly mark packages to indicate contents, locations in hardware schedule and door numbers.
- C. Storage: Provide securely locked storage area for hardware, protect from moisture, sunlight, paint, chemicals, dust, excessive heat and cold, etc.

# 1.6 PROJECT CONDITIONS AND COORDINATION:

- A. Where exact types of hardware specified are not adaptable to finished shape or size of members requiring hardware, provide suitable types having as nearly as practical the same operation and quality as type specified, subject to Architect's approval.
- B. Coordination: Coordinate hardware with other work. Furnish hardware items of proper design for use on doors and frames of the thickness, profile, swing, security and similar requirements indicated, as necessary for proper installation and function, regardless of omissions or conflicts in the information on the Contract Documents. Furnish related trades with the following information:
  - 1. Location of embedded and attached items to concrete.
  - 2. Location of wall-mounted hardware, including wall stops.
  - 3. Location of finish floor materials and floor-mounted hardware.
  - 4. At masonry construction, coordinate with the anchoring and hollow metal supplier prior to frame installation by placing a strip of insulation, wood, or foam, on the back of the hollow metal frame behind the rabbet section for continuous hinges, as well as at rim panic hardware strike locations, silencers, coordinators, and door closer arm locations. When the frame is grouted in place, the backing will allow drilling and tapping without dulling or breaking the installer's bits.
  - 5. Locations for conduit and raceways as needed for electrical, electronic and electro-pneumatic hardware items. Fire/life-safety system interfacing. Point-to-point wiring diagrams plus riser diagrams to related trades.
  - 6. Coordinate: flush top rails of doors at out-swinging exteriors, and throughout where adhesive-mounted seals occur.
  - 7. Manufacturers' templates to door and frame fabricators.
- C. Check Shop Drawings for doors and entrances to confirm that adequate provisions will be made for proper hardware installation.
- D. Environmental considerations: segregate unused recyclable paper and paper product packaging, uninstalled metals, and plastics, and have these sent to a recycling center.
- E. Prior to submittal, carefully inspect existing conditions to verify finish hardware required to complete Work, including sizes, quantities, existing hardware scheduled for re-use, and sill condition material. If conflict between the specified/scheduled hardware and existing conditions, submit request for direction from Architect. Include date of jobsite visit in the submittal.
  - 1. Submittals prepared without thorough jobsite visit by qualified hardware expert will be rejected as non-compliant.

#### 1.7 WARRANTY:

- A. Part of respective manufacturers' regular terms of sale. Provide manufacturers' written warranties.
- B. Include factory order numbers with close-out documents warranty information:
- C. Minimum warranties:
  - Locksets: Three Years
     Extra Heavy Duty Cylindrical Lock: Seven Years
     Exit Devices: Three years mechanical One year electrical

4.	Closers:	Thirty years mechanical
		Two years electrical
5.	Hinges:	One year
6.	Other Hardware	Two years

#### 1.8 COMMISSIONING:

- A. Conduct these tests prior to request for certificate of substantial completion:
  - 1. With installer present, test door hardware operation with climate control system and stairwell pressurization system both at rest and while in full operation.
  - 2. With installer, access control contractor and electrical contractor present, test electrical, electronic and electro-pneumatic hardware systems for satisfactory operation.
  - 3. With installer and electrical contractor present, test hardware interfaced with fire/life-safety system for proper operation and release.

## 1.9 REGULATORY REQUIREMENTS:

- A. Locate latching hardware between 34 inches to 44 inches above the finished floor, per 2016 California Building Code, Section 11B-404.2.7.
  - 1. Panic hardware: locate between 36 inches to 44 inches above the finished floor.
- B. Handles, pull, latches, locks, other operable parts:
  - 1. Readily openable from egress side with one hand and without tight grasping, tight pinching, or twisting of the wrist to operate. 2016 California Building Code Section 11B-309.4.
  - 2. Force required to activate the operable parts: 5.0 pounds maximum, per 2016 California Building Code Section 11B-309.4.
- C. Adjust doors to open with not more than 5.0-pounds pressure to open at exterior doors and 5.0-pounds at interior doors. As allowed per 2016 California Building Code Section 11B-404.2.9, local authority may increase the allowable pressure for fire doors to achieve positive latching, but not to exceed 15-pounds.
  - 1. Exception: exterior doors' pressure-to-open may be increased to 8.5-pounds if: at a single location, and one of a bank of eight leafs or fraction of eight, and one leaf of this bank is fitted with a low- or high-energy operator.
- D. Low-energy powered doors: comply with ANSI/BHMA A156.19. Reference: 2016 California Building Code Section 11B-404.2.9, Exception 2.
  - 1. Where powered door serves an occupancy of 150 or more, provide back-up battery power or stand-by generator power, capable of supporting a minimum of 150 cycles.
  - 2. Actuators, vertical bar type: minimum 2-inches wide, 30-inches high, bottom located minimum 5-inches above floor or ground, top located minimum 35-inches above floor or ground. Displays International Symbol of Accessibility, per 2016 California Building Code Section 11B-703.7.

- 3. Actuators, plate type: use two at each side of the opening. Minimum 4-inches diameter or 4-inches square. Displays International Symbol of Accessibility, per 2016 California Building Code Section 11B-703.7. Locate centerline of lower plate between 7- and 8-inches above floor or ground, and upper plate between 30- and 44-inches above floor or ground.
- 4. Actuator location: conspicuously located, clear and level floor/ground space for forward or parallel approach.
- E. Door closing speed shall be as follows: CBC 11B-404.2.8
  - 1. Closer shall be adjusted so that the required time to move a door from an open position of 90 degrees to a position of 12 degrees from the latch is 5 seconds minimum
  - 2. Spring hinges shall be adjusted so that the required time to move a door from an open position of 70 degrees to the closed position is 1.5 seconds minimum
- F. Smooth surfaces at bottom 10 inches of push sides of doors, facilitating push-open with wheelchair footrests, per 2016 California Building Code Section 11B-404.2.10.
  - 1. Applied kickplates and armor plates: bevel the left and right edges; free of sharp or abrasive edges.
  - 2. Tempered glass doors without stiles: bottom rail may be less than 10 inches if top leading edge is tapered 60 degrees minimum.
- G. Door opening clear width no less than 32 inches, measured from face of frame stop, or edge of inactive leaf of pair of doors, to door face with door opened to 90 degrees. Hardware projection not a factor in clear width if located above 30 inches and below 80 inches, and the hardware projects no more than 4 inches. 2016 California Building Code Section 11B-404.2.3.
  - 1. Exception: doors not requiring full passage through the opening, that is, to spaces less than 24 inches in depth, may have the clear opening width reduced to 20 inches. Example: shallow closets.
  - 2. Door closers and overhead stops: not less than 78 inches above the finished floor or ground, per 2016 California Building Code 11B-307.4.
- H. Thresholds: floor or landing no more than 0.50 inches below the top of the threshold of the doorway, per 2016 California Building Code Section 11B-404.2.5. Vertical rise no more than 0.25 inches, change in level between 0.25 inches and 0.50 inches: beveled to slope no greater than 1:2 (50 percent slope). 2016 California Building Code Section 11B-303.2 & ~.3.
- I. Floor stops: Do not locate in path of travel. Locate no more than 4 inches from walls, per DSA Policy #99-08 (Access).
- J. Pairs of doors with independently-activated hardware both leafs: limit swing of righthand or right-hand-reverse leaf to 90 degrees to protect persons reading wall-mounted tactile signage, per 2016 California Building Code Section 11B-703.4.2.1
- K. Door and door hardware encroachment: when door is swung fully-open into means-ofegress path, the door may not encroach/project more than 7 inches into the required exit width, with the exception of door release hardware such as lockset levers or panic hardware. These hardware items must be located no less than 34-inches and no more than 48-inches above the floor/ground. 2016 California Building Code, Section 1005.7.1.

- 1. In I-2 occupancies, latch release hardware is not permitted to project in the required exit width, regardless of its mounting height, per 2016 California Building Code, Section 1005.7.1 at Exception 1.
- L. Hardware (including panic hardware) shall not be provided with "night latch" (NL) function for any accessible doors or gates unless the following conditions are met per DSA interpretation 10-08 DSA/AC (external), revised 4/28/09. Such conditions must be clearly demonstrated and indicated in the specifications:
  - 1. Such hardware has dogging feature
  - 2. It is dogged during the time the facility is open
  - 3. Such dogging operation is performed only by employees as their job function (non-public use)

# PART 2 PRODUCTS

#### 2.1 MANUFACTURERS:

A. Listed acceptable alternate manufacturers: these will be considered; submit for review products with equivalent function and features of scheduled products.

ITEM:	MANUFACTURER:	ACCEPTABLE ALTERNATE:
Hinges	(IVE) Ives	Bommer
Key System	(SCH) Schlage	Owner standard
Mechanical Locks	(SCH) Schlage	Owner standard
Exit Devices	(VON) Von Duprin	Owner standard
Closers	(LCN) LCN	Owner standard
Auto Flush Bolts	(IVE) Ives	DCI
Coordinators	(IVE) Ives	DCI
Silencers	(IVE) Ives	Rockwood, Trimco
Push & Pull Plates	(IVE) Ives	Rockwood, Trimco
Kickplates	(IVE) Ives	Rockwood, Trimco
Stops & Holders	(IVE) Ives	Rockwood, Trimco
Overhead Stops	(GLY) Glynn-Johnson	ABH
Thresholds	(ZER)Zero	NGP, Reese
Seals & Bottoms	(ZER)Zero	NGP, Reese

# 2.2 HINGING METHODS:

- A. Drawings typically depict doors at 90 degrees, doors will actually swing to maximum allowable. Use wide-throw conventional or continuous hinges as needed up to 8 inches in width to allow door to stand parallel to wall for true 180-degree opening. Advise architect if 8-inch width is insufficient.
- B. Conform to manufacturer's published hinge selection standard for door dimensions, weight and frequency, and to hinge selection as scheduled. Where manufacturer's standard exceeds the scheduled product, furnish the heavier of the two choices, notify Architect of deviation from scheduled hardware.
- C. Conventional Hinges: Steel or stainless steel pins and approved bearings. Hinge open widths minimum, but of sufficient throw to permit maximum door swing.
  - 1. Outswinging exterior doors: non-ferrous with non-removable (NRP) pins and security studs.
  - 2. Non-ferrous material exteriors and at doors subject to corrosive atmospheric conditions.

## 2.3 LOCKSETS, LATCHSETS, DEADBOLTS:

- A. Mortise Locksets and Latchsets: as scheduled.
  - 1. Chassis: cold-rolled steel, handing field-changeable without disassembly.
  - 2. Universal lock case -10 functions in one case.
  - 3. Floating mounting tabs automatically adjusts to fit a beveled door edge.
  - 4. Latchbolts: 0.75 inch throw stainless steel anti-friction type.
  - 5. Lever Trim: through-bolted, accessible design, cast lever or solid extruded bar type levers as scheduled. Filled hollow tube design unacceptable.
    - a) Spindles: security design independent breakaway. Breakage of outside lever does not allow access to inside lever's hubworks to gain wrongful entry.
    - b) Inside lever applied by screwless shank mounting no exposed trim mount screws.
    - c) Levers rotate up or down for ease of use.
    - d) Vandalgard locks: locked lever freely rotates down while remaining securely locked. This feature prevents damage to internal lock components when subjected to excessive force.
  - 6. Furnish solid cylinder collars with wave springs. Wall of collar to cover rim of mortise cylinder.
  - 7. Turnpieces: accessible offset turn-lever design not requiring pinching or twisting motions to operate.
  - 8. Deadbolts: stainless steel 1-inch throw.
  - 9. Electric operation: Manufacturer-installed continuous duty solenoid.
  - 10. Strikes: 16 gage curved steel, bronze or brass with 1 inch deep box construction, lips of sufficient length to clear trim and protect clothing.
  - 11. Scheduled Lock Series and Design: Schlage L series,
  - 12. Certifications:
    - a) ANSI A156.13, 1994, Grade 1 Operational, Grade 1 Security.
    - b) ANSI/ASTM F476-84 Grade 31 UL Listed.
  - 13. Accessibility: Require not more than 5 lb to retract the latchbolt or deadbolt, or both, per CBC 2016 11B-404.2.7 and 11B-309.4.

# 2.4 EXIT DEVICES / PANIC HARDWARE

- A. General features:
  - 1. Independent lab-tested 1,000,000 cycles.
  - 2. Push-through push-pad design. No exposed push-pad fasteners, no exposed cavities when operated. Return stroke fluid dampeners and rubber bottoming dampeners, plus anti-rattle devices.
  - 3. Deadlocking latchbolts, 0.75 inch projection.
  - 4. End caps: impact-resistant, flush-mounted. No raised edges or lips to catch carts or other equipment.
  - 5. No exposed screws to show through glass doors.
  - 6. Non-handed basic device design with center case interchangeable with all functions, no extra parts required to effect change of function.
  - 7. Releasable in normal operation with 15-pound maximum operating force per UBC Standard 10-4, and with 32-pound maximum pressure under 250-pound load to the door.
  - 8. Exterior doors scheduled with XP-series devices: Static load force resistance of at least 2000 pounds.
  - 9. Accessibility: Require not more than 5 lb to retract the latchbolt, per CBC 2016 11B-404.2.7 and 11B-309.4.
    - a) Mechanical method: Von Duprin "AX-feature, where touchpad directly retracts the latchbolt with 5 lb or less of force.
    - b) Electrical method: Von Duprin's "RX-QEL-", where lightly pressing the touchpad with 5 lb or less of force closes an electric switch, activating quiet electric latch retraction.
- B. Specific features:
  - 1. Non-Fire Rated Devices: cylinder dogging.
  - 2. Lever Trim: breakaway type, forged brass or bronze escutcheon min. 0.130 inch thickness, compression spring drive, match lockset lever design.
  - 3. Fire-Labeled Devices: UL label indicating "Fire Exit Hardware". Vertical rod devices less bottom rod (LBR) unless otherwise scheduled.
  - 4. Removable Mullions: Removable with single turn of building key. Securely reinstalled without need for key. Furnish storage brackets for securely stowing the mullion away from the door when removed.

# 2.6 CLOSERS

- A. Surface Closers: 4040-XP
  - 1. Full rack-and-pinion type cylinder with removable non-ferrous cover and cast iron body. Double heat-treated pinion shaft, single piece forged piston, chrome-silicon steel spring.
  - 2. ISO 2000 certified. Units stamped with date-of-manufacture code.
  - 3. Independent lab-tested 10,000,000 cycles.
  - 4. Non-sized, non-handed, and adjustable. Place closer inside building, stairs, and rooms.
  - 5. Plates, brackets and special templating when needed for interface with particular header, door and wall conditions and neighboring hardware.
  - 6. Adjust doors to open with not more than 5.0-pounds pressure to open at exterior doors and 5.0-pounds at interior doors. As allowed per 2016 California Building Code Section 11B-404.2.9, local authority may increase the allowable pressure for fire doors to achieve positive latching, but not to exceed 15-pounds.

- a) Exception: exterior doors' pressure-to-open may be increased to 8.5pounds if: at a single location, and one of a bank of eight leafs or fraction of eight, and one leaf of this bank is fitted with a low- or high-energy operator.
- 7. Separate adjusting valves for closing speed, latching speed and backcheck, fourth valve for delayed action where scheduled.
- 8. Extra-duty arms (EDA) at exterior doors scheduled with parallel arm units.
- 9. Exterior door closers: tested to 100 hours of ASTM B117 salt spray test, furnish data on request.
- 10. Exterior doors: seasonal adjustments not required for temperatures from 120 degrees F to -30 degrees F, furnish checking fluid data on request.
- 11. Non-flaming fluid, will not fuel door or floor covering fires.
- 12. Pressure Relief Valves (PRV) not permitted.

## 2.7 OTHER HARDWARE

- A. Automatic Flush Bolts: Low operating force design.
- B. Overhead Stops: Non-plastic mechanisms and finished metal end caps. Field-changeable hold-open, friction and stop-only functions.
- C. Kick Plates: Four beveled edges, .050 inches minimum thickness, height and width as scheduled. Sheet-metal screws of bronze or stainless steel to match other hardware.
- D. Door Stops: Provide stops to protect walls, casework or other hardware.
  - 1. Unless otherwise noted in Hardware Sets, provide floor type with appropriate fasteners. Where floor type cannot be used, provide wall type. If neither can be used, provide overhead type.
  - 2. Locate overhead stops for maximum possible opening. Consult with Owner for furniture locations. Minimum: 90deg stop / 95deg deadstop. Note degree of opening in submittal.
- E. Automatic door bottoms: low operating force units. Doors with automatic door bottoms plus head and jamb seals cannot require more than two pounds operating force to open when closer is disconnected.
  - 1. Include automatic type door bottoms, as opposed to fixed sweeps, at stairs and elevator lobbies to allow fine-tuning of pressurization systems.
- F. Thresholds: As scheduled and per details. Comply with CBC 2016 11B-404.2.5. Substitute products: certify that the products equal or exceed specified material's thickness. Proposed substitutions: submit for approval.
  - 2. Saddle thresholds: 0.125 inches minimum thickness.
  - 3. Exteriors: Seal perimeter to exclude water and vermin. Use sealant complying with requirements in Division 7 "Thermal and Moisture Protection". Minimum 0.25 inch diameter fasteners and lead expansion shield anchors, or Red-Head #SFS-1420 (or approved equivalent) Flat Head Sleeve Anchors. National Guard Products' "COMBO" or Pemko Manufacturing's "FHSL".
  - 4. Fire-rated openings, 90-minutes or less duration: use thresholds to interrupt floor covering material under the door where that material has a critical radiant flux value less than 0.22 watts per square centimeter, per NFPA 253. Use threshold unit as scheduled. If none scheduled, include a 0.25in high 5in wide saddle in the bid, and request direction from Architect.

- 5. Plastic plugs with wood or sheet metal screws are not an acceptable substitute for specified fastening methods.
- 6. Fasteners: Generally, exposed screws to be Phillips or Robertson drive. Pinned TORX drive at high security areas. Flat head sleeve anchors (FHSL) may be slotted drive. Sheet metal and wood screws: full-thread. Sleeve nuts: full length to prevent door compression.
- G. Through-bolts: Do not use. Coordinate with wood doors; ensure provision of proper blocking to support wood screws for mounting panic hardware and door closers. Coordinate with metal doors and frames; ensure provision of proper reinforcement to support machine screws for mounting panic hardware and door closers.
  - 1. Exception: surface-mounted overhead stops, holders, and friction stays.
- H. Silencers: Interior hollow metal frames, 3 for single doors, 4 for pairs of doors. Leave no unfilled/uncovered pre-punched silencer holes. Intent: door bears against silencers, seals make minimal contact with minimal compression only enough to effect a seal.

# 2.7 FINISH:

- A. Generally: BHMA 626 Satin Chromium Areas using BHMA 626: furnish push-plates, pulls and protection plates of BHMA 630, Satin Stainless Steel, unless otherwise scheduled.
- B. Door closers: factory powder coated to match other hardware, unless otherwise noted.

# 2.9 KEYING REQUIREMENTS:

- A. Key System: Schlage Everest utility-patented keyway, interchangeable core. Utility patent protection to extend at least until 2029. Key blanks available only from factory-direct sources, not available from after-market key blank manufacturers. For estimate use factory GMK charge. Initiate and conduct meeting(s) with Owner and I-R Security & Safety Consultants representatives to determine system keyway(s), keybow styles, structure and degree of geographic exclusivity. Furnish Owner's written approval of the system; do not order keys or cylinders without written confirmation of actual requirements from the Owner. Contractor will install permanent cylinders/cores.
- B. Keys
  - 1. Factory registered master key system.
  - 2. Construction keying: furnish temporary keyed-alike cores. Remove at substantial completion and install permanent cylinders/cores in Owner's presence. Demonstrate that construction key no longer operates.
  - 3. Furnish 10 construction keys.
  - 4. Furnish 2 construction control keys.
- C. Key Cylinders: furnish utility patented, 6-pin solid brass construction.
- D. Cylinder cores: furnish keyed at factory of lock manufacturer where permanent records are maintained. Locks and cylinders same manufacturer.
- E. Permanent keys: use secured shipment direct from point of origination to Owner.
  - 1. For estimate: 3 keys per change combination, 5 master keys per group, 5 grandmaster keys, 3 control keys.
  - 2. For estimate: VKC stamping plus "DO NOT DUPLICATE".
  - 3. Bitting List: use secured shipment direct from point of origination to Owner upon completion.

#### PART 3 - EXECUTION

#### 3.1 ACCEPTABLE INSTALLERS:

A. Can read and understand manufacturers' templates, suppliers' hardware schedule and printed installation instructions. Can readily distinguish drywall screws from manufacturers' furnished fasteners. Available to meet with manufacturers' representatives and related trades to discuss installation of hardware.

#### 3.2 PREPARATION:

- A. Ensure that walls and frames are square and plumb before hardware installation. Make corrections before commencing hardware installation. Installation denotes acceptance of wall/frame condition.
- B. Locate hardware per SDI-100 and applicable building, fire, life-safety, accessibility, and security codes.
  - 1. Notify Architect of code conflicts before ordering material.
  - 1. Locate latching hardware between 34 inches to 44 inches above the finished floor, per California Building Code, Section 1008.1.9.2 and 1133B.2.5.2.
  - 2. Locate panic hardware between 36 inches to 44 inches above the finished floor.
  - 3. Where new hardware is to be installed near existing doors/hardware scheduled to remain, match locations of existing hardware.
- C. Overhead stops: before installing, determine proposed locations of furniture items, fixtures, and other items to be protected by the overhead stop's action.
- D. Existing frames and doors to be retrofitted with new hardware:
  - 1. Field-verify conditions and dimensions prior to ordering hardware. Fill existing hardware cut outs not being reused by the new hardware. Remove existing hardware not being reused, return to Owner unless directed otherwise.
  - 2. Remove existing floor closers not scheduled for reuse, fill cavities with nonshrinking concrete and finish smooth.
  - 3. Cut and weld existing steel frames currently prepared with 2.25 inch height strikes. Cut an approximate 8 inch section from the strike jamb and weld in a reinforced section to accommodate specified hardware's strike.
  - 4. Patch and weld flush filler pieces into existing door hardware preparations in steel doors and frames, leave surfaces smooth.
  - 5. Glue in solid wood block fillers to fill cut outs in existing wood doors, sand surfaces smooth. Alternatively, use an approved epoxy-based wood filler product, submit product data for approval.

# 3.3 INSTALLATION

- A. Install hardware per manufacturer's instructions and recommendations. Do not install surface-mounted items until finishes have been completed on substrate. Set units level, plumb and true to line and location. Adjust and reinforce attachment substrate for proper installation and operation. Remove and reinstall or replace work deemed defective by Architect.
  - 1. Gaskets: install jamb-applied gaskets before closers, overhead stops, rim strikes, etc; fasten hardware over and through these seals. Install sweeps across bottoms of doors before astragals, cope sweeps around bottom pivots, trim astragals to tops of sweeps.

- 2. When hardware is to be attached to existing metal surface and insufficient reinforcement exists, use RivNuts, NutSerts or similar anchoring device for screws.
- 3. Use manufacturers' fasteners furnished with hardware items, or submit Request for Substitution with Architect.
- 4. Replace fasteners damaged by power-driven tools.
- B. Locate floor stops no more than 4 inches from walls and not within paths of travel. See paragraph 2.2 regarding hinge widths, door should be well clear of point of wall reveal. Point of door contact no closer to the hinge edge than half the door width. Where situation is questionable or difficult, contact Architect for direction.
- C. Core concrete for exterior door stop anchors. Set anchors in approved non-shrink grout.
- D. Locate overhead stops for minimum 90 degrees at rest and for maximum allowable degree of swing.
- E. Drill pilot holes for fasteners in wood doors and/or frames.
- F. Lubricate and adjust existing hardware scheduled to remain. Carefully remove and give to Owner items not scheduled for reuse.
- G. Field-verify existing conditions and measurements prior to ordering hardware. Fill existing hardware cut outs not being used by the new hardware.
- H. Remove existing hardware not being reused. Tag and bag removed hardware, turn over to Owner.
- I. Where existing wall conditions will not allow door to swing using the scheduled hinges, provide wide-throw hinges and if needed, extended arms on closers.
- J. Provide manufacturer's recommended brackets to accommodate the mounting of closers on doors with flush transoms.

# 3.4. ADJUSTING

- A. Adjust and check for proper operation and function. Replace units, which cannot be adjusted to operate freely and smoothly.
  - 1. Hardware damaged by improper installation or adjustment methods: repair or replace to Owner's satisfaction.
  - 2. Adjust doors to fully latch with no more than 1 pound of pressure.
    - a) Door closer valves: turn valves clockwise until at bottom do not force. Turn valves back out one and one-half turns and begin adjustment process from that point. Do not force valves beyond three full turns counterclockwise.
  - 3. Adjust delayed-action closers on fire-rated doors to fully close from fully-opened position in no more than 10 seconds.
  - 4. Adjust door closers per 1.9 this section.

#### 3.5 DEMONSTRATION:

A. Demonstrate mechanical hardware and electrical, electronic and pneumatic hardware systems, including adjustment and maintenance procedures.

## 3.6 PROTECTION/CLEANING:

- A. Cover installed hardware, protect from paint, cleaning agents, weathering, carts/barrows, etc. Remove covering materials and clean hardware just prior to substantial completion.
- B. Clean adjacent wall, frame and door surfaces soiled from installation / reinstallation process.

#### 3.7 SCHEDULE OF FINISH HARDWARE

- A. See door schedule in drawings for hardware set assignments.
- B. Do not order material until submittal has been reviewed, stamped, and signed by Architect's door hardware consultant.

C.

SPECWORKS # 1661

#### HW SET: 113

3	EA	HINGE	3CB1 4.5 X 4.5	652	IVE
1	EA	PASSAGE	L9010 06A	626	SCH
1	EA	CLOSER	4040XP S-CUSH	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	SET	PERIMETER SEALS	1370A HEAD AND JAMBS	AL	ZER
1	EA	AUTO DOOR BOTTOM	355A	AL	ZER
1	EA	THRESHOLD	AS DETAILED	AL	ZER

#### HW SET: 142

3	EA	HINGE	3CB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9070T 06A	626	SCH
1	EA	PERMANENT CORE	23-030	626	SCH
1	EA	CLOSER	4040XP	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	DOME STOP	FS436/438 AS REQ'D	626	IVE
1	SET	PERIMETER SEALS	1370A HEAD AND JAMBS	AL	ZER
1	EA	AUTO DOOR BOTTOM	1 355A	AL	ZER
1	EA	THRESHOLD	AS DETAILED	AL	ZER

HW SET: 142.1

3	EA	HINGE	3CB1 4.5 X 4.5	652	IVE
1	EA	CLASSROOM LOCK	L9071T 06A	626	SCH
2	EA	PRIMUS CORE ONLY	20-740	626	SCH
1	EA	CLOSER	4040XP	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	DOME STOP	FS436/438 AS REQ'D	626	IVE
1	SET	PERIMETER SEALS	1370A HEAD AND JAMBS	AL	ZER
1	EA	AUTO DOOR BOTTOM	I 355A	AL	ZER
1	EA	THRESHOLD	AS DETAILED	AL	ZER

HW SET: 382R.3

6	EA	HINGE	3CB1 4.5 X 4.5	652	IVE
1	EA	MULLION	KR9954	689	VON
1	EA	MULLION STORAGE	MT54	689	VON
		KIT			
1	SET	MULLION SEAL	8780	CHA	ZER
2	EA	FIRE EXIT HARDWARE	AX-98-L-F-2-996L-PA	626	VON
4	EA	IC RIM CYLINDER	20-057-ICX	626	SCH
1	EA	IC MORT CYL	30-008T FOR MULLION	626	SCH
5	EA	PERMANENT CORE	23-030	626	SCH
1	EA	CLOSER	4040XP	689	LCN
1	EA	CLOSER	4040XP S-CUSH	689	LCN
2	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	DOME STOP	FS436/438 AS REQ'D	626	IVE
1	SET	PERIMETER SEALS	1370A HEAD AND JAMBS	AL	ZER
1	SET	MEETING ASTRAGAL	328AA	628	ZER
2	EA	AUTO DOOR BOTTOM	355A	AL	ZER
1	EA	THRESHOLD	AS DETAILED	AL	ZER

HW SET: 442.1

3	EA	HINGE	3CB1 4.5 X 4.5 NRP SEC STUD	630	IVE
1	EA	CLASSROOM LOCK	L9071T 06A	626	SCH
2	EA	PERMANENT CORE	23-030	626	SCH
1	EA	CLOSER	4040XP EDA	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	FLOOR STOP	1214CK X 1268CK AS REQUIRED	AL	TRI
1	SET	PERIMETER SEALS	1370A HEAD AND JAMBS	AL	ZER
1	EA	AUTO DOOR BOTTOM	1 355A	AL	ZER
1	EA	THRESHOLD	AS DETAILED	AL	ZER

HW SET: 445

3	EA	HINGE	3CB1 4.5 X 4.5 NRP SEC STUD	630	IVE
1	EA	HOLDBACK LOCK	L9076T 06A X L/OST	626	SCH
1	EA	PERMANENT CORE	23-030	626	SCH
1	EA	DOOR PULL	VR900	630	IVE
1	EA	CLOSER	4040XP EDA	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	FLOOR STOP	1214CK X 1268CK AS REQUIRED	AL	TRI
1	SET	PERIMETER SEALS	1370A HEAD AND JAMBS	AL	ZER
1	EA	AUTO DOOR BOTTOM	355A	AL	ZER
1	EA	THRESHOLD	AS DETAILED	AL	ZER

HW SET: 446

3	EA	HINGE	3CB1 4.5 X 4.5 NRP SEC STUD	630	IVE
1	EA	HOLDBACK LOCK	L9076T 06A X L/OST	626	SCH
1	EA	PERMANENT CORE	23-030	626	SCH
1	ΕA	PUSH PLATE	8200 4" X 16" CUT FOR CYL	630	IVE

1	EA	DOOR PULL	VR900	630	IVE
1	EA	CLOSER	4040XP S-CUSH	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	SET	PERIMETER SEALS	1370A HEAD AND JAMBS	AL	ZER
1	EA	AUTO DOOR BOTTOM	355A	AL	ZER
1	EA	THRESHOLD	AS DETAILED	AL	ZER

HW SET: 452

3	EA	HINGE	3CB1 4.5 X 4.5 NRP SEC STUD	630	IVE
1	EA	STOREROOM LOCK	L9080T 06A	626	SCH
1	EA	PERMANENT CORE	23-030	626	SCH
1	EA	CLOSER	4040XP EDA	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	FLOOR STOP	1214CK X 1268CK AS REQUIRED	AL	TRI
1	SET	PERIMETER SEALS	1370A HEAD AND JAMBS	AL	ZER
1	EA	AUTO DOOR BOTTOM	1 355A	AL	ZER
1	EA	THRESHOLD	AS DETAILED	AL	ZER

HW SET: 482.1

3	EA	HINGE	3CB1 4.5 X 4.5	630	IVE
1	EA	EXIT DEVICE	CDSI-AX-98-L-NL-996L-06-PA	626	VON
1	EA	IC RIM CYLINDER	20-057-ICX	626	SCH
1	EA	IC MORT CYL	30-008T FOR DOGGING	626	SCH
2	EA	PERMANENT CORE	23-030	626	SCH
1	EA	CLOSER	4040XP EDA	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW	630	IVE
1	EA	FLOOR STOP	1214CK X 1268CK AS REQUIRED	AL	TRI
1	SET	PERIMETER SEALS	1370A HEAD AND JAMBS	AL	ZER
1	EA	AUTO DOOR BOTTOM	1 355A	AL	ZER
1	EA	THRESHOLD	AS DETAILED	AL	ZER

HW SET: 543.1

6	EA	HINGE	3CB1 4.5 X 4.5 NRP SEC STUD	630	IVE
1	SET	AUTO FLUSH BOLT	FB31/41 AS REQ'D	626	IVE
1	EA	DUST PROOF STRIKE	DP1/2 AS REQ'D	626	IVE
1	EA	CLASSROOM LOCK	L9071T 06A	626	SCH
2	EA	PERMANENT CORE	23-030	626	SCH
1	EA	COORDINATOR	COR2-COMPLETE	628	IVE
2	EA	CLOSER	4040XP S-CUSH	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW	630	IVE
2	EA	FLOOR STOP	1214CK X 1268CK AS REQUIRED	AL	TRI
1	SET	PERIMETER SEALS	1370A HEAD AND JAMBS	AL	ZER
2	EA	DOOR SWEEP	339AA	AL	ZER
1	EA	ASTRAGAL	44STST X 188	600	ZER
1	EA	THRESHOLD	AS DETAILED	AL	ZER

HW SET: 582

6 1 2 2 2 1 5 2 2 2 1 2 1 2 1	EA EA EA EA EA EA EA EA SET EA	HINGE MULLION MULLION SEAL EXIT DEVICE IC RIM CYLINDER IC MORT CYL IC MORT CYL PERMANENT CORE CLOSER KICK PLATE FLOOR STOP PERIMETER SEALS AUTO DOOR BOTTOM THRESHOLD	3CB1 4.5 X 4.5 NRP SEC STUD KR4954 8780 CDSI-AX-98-L-NL-996L-06-PA 20-057-ICX 30-008T FOR DOGGING 30-008T FOR MULLION 23-030 4040XP EDA 8400 10" X 2" LDW 1214CK X 1268CK AS REQUIRED 1370A HEAD AND JAMBS 355A AS DETAILED	630 689 CHA 626 626 626 626 626 630 AL AL AL AL	IVE VON ZER VON SCH SCH SCH SCH LCN IVE TRI ZER ZER ZER
HW S	ET: 97(	0			
			ALL HARDWARE BY GATE MANUFACTURER		B/O
HW S	ET: 972	2			
1 1	EA EA	CLASSROOM LOCK PERMANENT CORE	L9070T 06A 23-030 BALANCE OF HARDWARE BY GATE MANUFACTURER	626 626	SCH SCH B/O
HW S	ET: 972	2.2			
1 1 1	EA EA EA EA	CLASSROOM LOCK PERMANENT CORE CLOSER MOUNTING PLATE	L9070T 06A 23-030 4040XP EDA 4040XP-18 BALANCE OF HARDWARE BY GATE MANUFACTURER	626 626 689 689	SCH SCH LCN LCN B/O
HW S	ET: 97:	3			
			ALL HARDWARE BY GATE MANUFACTURER		B/O
HW S	ET: 974	4			
2 2 2 4	EA EA EA EA	EXIT DEVICE IC RIM CYLINDER IC MORT CYL PERMANENT CORE	CDSI-AX-98-L-NL-996L-06-PA 20-057-ICX 30-008T FOR DOGGING 23-030	626 626 626 626	VON SCH SCH SCH

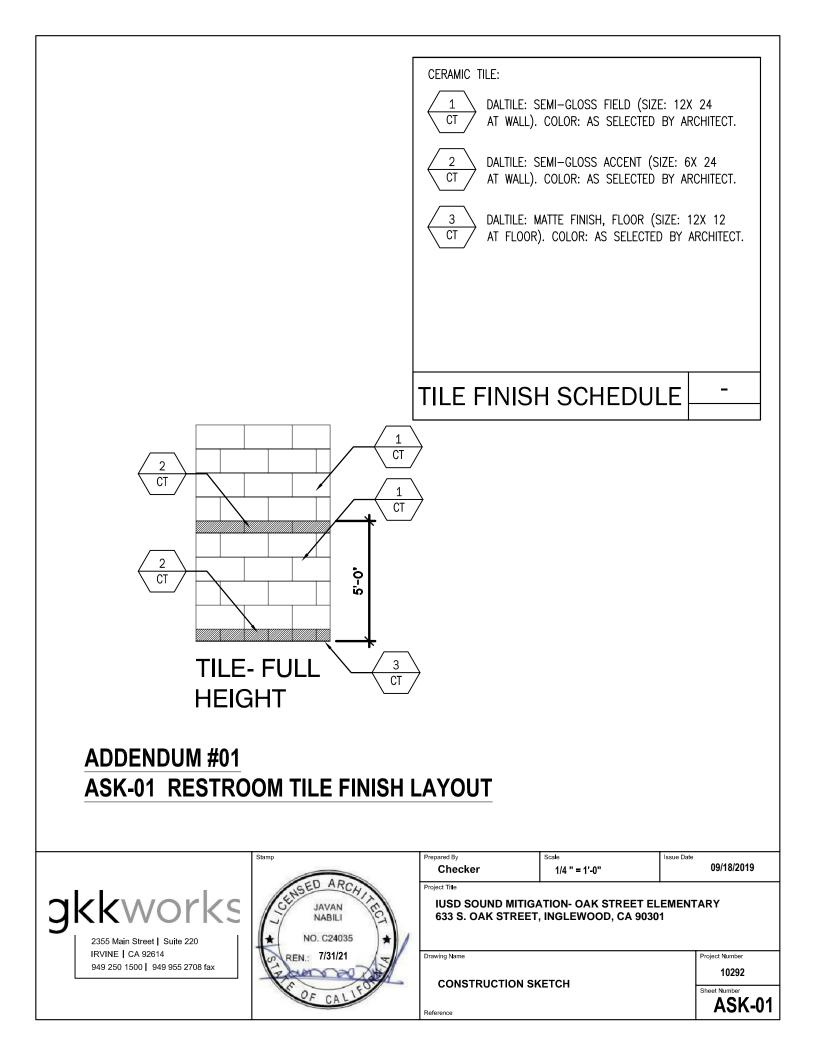
2	EA	CLOSER	4040XP EDA	689	LCN
2	EA	MOUNTING PLATE	4040XP-18	689	LCN
			BALANCE OF HARDWARE BY		B/O
			GATE MANUFACTURER		

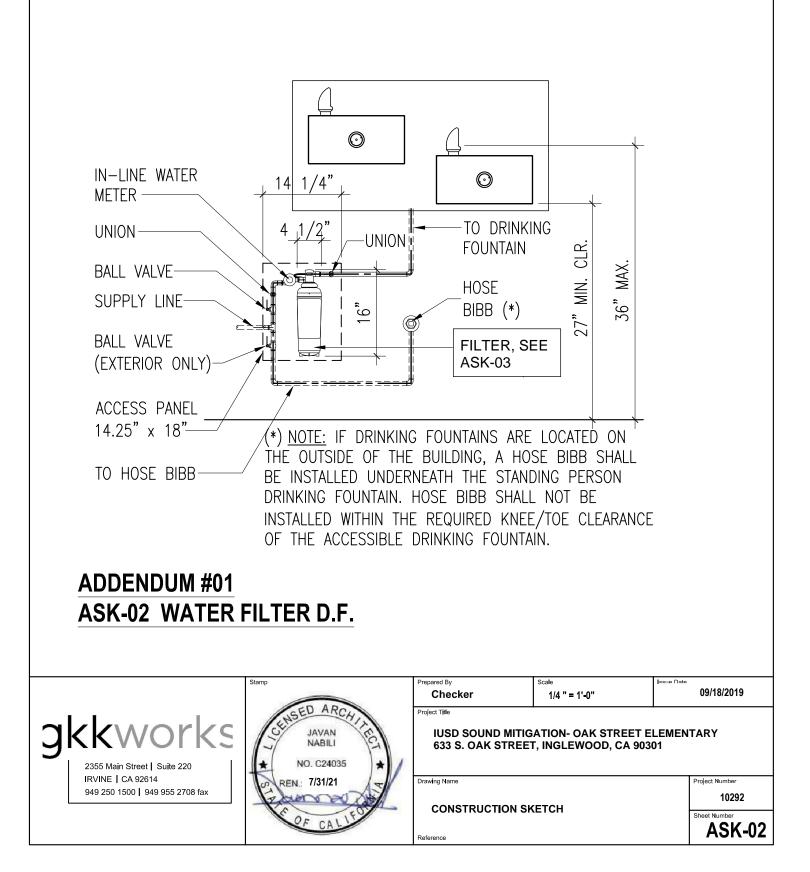
#### GATE MUST HAVE CENTER POST FOR PANICS TO LATCH TO

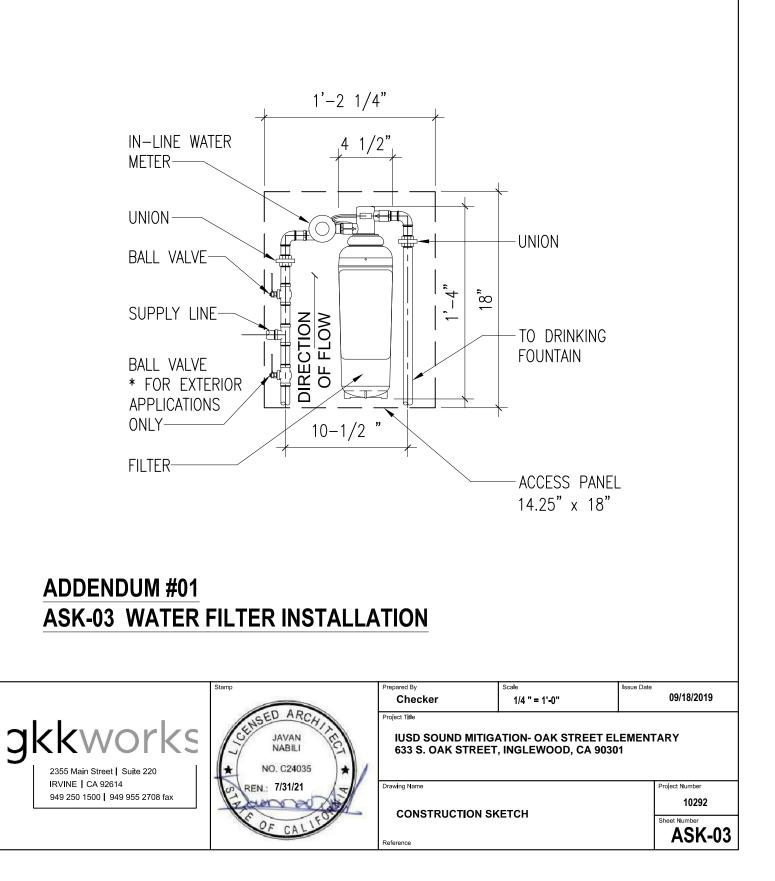
HW SET: 975.2

1	EA	CLASSROOM LOCK	L9070T 06A	626	SCH
1	EA	PERMANENT CORE	23-030	626	SCH
2	EA	CLOSER	4040XP EDA	689	LCN
2	EA	MOUNTING PLATE	4040XP-18	689	LCN
			BALANCE OF HARDWARE BY		B/O
			GATE MANUFACTURER		

#### END OF SECTION







	FIXTURE SCHEDULE DISTRICT STANDARD FIXTURE DATA
TLT	TOILET:FLOOR MOUNT ZURN #Z5665-BWL w/ Z6000AV-HET FLUSH V.
TLT	TOILET:WALL MOUNT ZURN #Z5615-BWL w/ Z6000AV-HET FLUSH V.
UR	URINAL ZURN #Z5798.207.00 w/ Z6000AV-HET FLUSH V.
LAV	LAVATORY: AMERICAN STANDARD LUCERNE #0356.421.020
SND	DRINKING FOUNTAIN:ACCESSIBLE HI-LO HAWS #1501 w/ BOTTLE FILLER HAWS 1920W.
HD-1	SURFACE MOUNTED ELECTRIC HAND DRYER EXCEL DRYER, INC. 'THIN AIR' MODEL #TA-ABS-SB

# ADDENDUM #01 ASK-04 DISTRICT STANDARD FIXTURE COMPLIANCE

	Stamp	Prepared By Checker	Scale 1/4 " = 1'-0"	Issue Date 09/18/2019		
2355 Main Street   Suite 220	JAVAN NABILI NO. C24035	Project The IUSD SOUND MITIGATION- OAK STREET ELEMENTARY 633 S. OAK STREET, INGLEWOOD, CA 90301				
IRVINE   CA 92614 949 250 1500   949 955 2708 fax		Drawlng Name	ZET CH	Project Number 10292		
			Sheet Number			

# OAK STREET ES SOUND MITIGATION BIDDING QUESTIONS:

# **PINNER CONSTRUCTION:**

#### Question #01

Per G003, General Note 1 under column 7-Exterior Walls, note calls for all exterior walls to have a min. of R-19 thermal insulation. Please clarify if thermal insulation is to be installed on all existing wall which would require additional demo and wall patch-back not included in these bid documents. Or is exterior insulation only to be installed where new exterior wall work is to be done?

#### Response #01

Provide exterior insulation only where new exterior wall work is scheduled.

Where ceilings are being removed as part of the new work, new thermal insulation shall be installed (which will replace existing, if any) to the underside of the roof deck. See building sections on sheet A401, keynote #7 typical.

#### Question #02

Per G003, Note #5 under column 7- Exterior Walls, Is the district or the GC to provide a company that specializes in air filtration and exfiltration to determine where and how the building should be correctly sealed? Or is the district going to provide a linear footage so that this scope can be treated as a change order after verification by the district project inspector? Please confirm.

#### Response #02

Contractor shall seal joints and other openings in Building envelope due only to new work. Reference contract documents for scheduled openings as part of this new work.

#### Question #03

On AA301, AB301 and AC301- site note 3 calls for all receptacles and outlets, that are not ADA compliant, to be re-wired and installed back at ADA heights.

#### **Response #03**

Extents of ADA upgrades to switches and outlets shall be limited to new equipment & devices.

#### **Question #04**

Per exterior elevation sheet, note #1 calls for all exterior surfaces and all items attached to the building to be painted. This note is only found in the exterior elevation sheets. There is no call out or note on the finish schedule or any other sheet directing the contractor to perform this scope.

#### **Response #04**

Reference new exterior paint package issued as part of this addenda.

#### **Question #05**

There is a spec section 08 5656 for security screens, but nowhere in the project documents does it indicate where to install?

#### **Response #05**

We have no security screens on this project. Specification 08 5656 has been omitted.

#### **Question #06**

Per G003, General Note 1 under column 11-Painting, note indicates to paint all interior surfaces and items attached to all selected buildings. Per the project job walk, there is casework in the classrooms shown but are not illustrated in the plans. Please clarify the scope of work pertaining to the casework not shown on the construction documents.

#### Response #06

Paint all interior surfaces & items attached to all selected buildings, including all casework in buildings A, B & C. Paint casework to match existing. Per Alta Environmental Report for Lead Paint (dated January 30, 2019), Contractor shall remove all lead paint from casework as scheduled and refinish as required.

#### Question #07

Per project documents, Garland is the manufacturer for the roofing on This project. Since only Garland Certified Roofers can perform this work, will the district provide the bidders a list of Certified Garland installers?

#### Response #07

List included with this addenda.

#### Question #08

Per drawings AAD201, ABD201, ACD201, AA201, AB201, AC201, sheet note 7, keynote 16, it is noted that all light fixtures are to remain or can be stored and reinstalled as required. Due to the lights being surface mounted, there is no way the lights can remain in place. The lights must be removed and stored until the new ceilings are installed and finished, before lights can be reinstalled. Please clarify if the district will be providing a storage location or a container for all of light fixtures per phase or is the contractor to provide storage containers to store the light fixtures?

#### **Response #08**

Contractor shall be responsible for storing & securing fixtures removed prior to re-install and should plan storage accordingly. As part of the fixture re-installation, contractor shall perform the following: 1) clean fixture; 2) replace lens; 3) replace lamps; 4) reconnect circuits and 5) protect in place cables and conduit. Contractor shall restore fixture to good functioning, working order upon.

#### Question #09

On sheet ADD201, Keynote 16 sends you to sheet note 7 which refers you to detail 21/A651, which is a channel strut detail. Detail 25/A651 is a surface mounted light detail. Please clarify which Detail is to be used for this application.

#### Response #09

#### Use Detail 25/A651.

#### Question #10

Per Sheet Note #1, on Sheet AA101, it indicates to paint all surfaces of Buildings A, B & C including all materials and items attached to buildings, whether or not noted within drawings. Per site visit, we observed that in every classroom there is existing casework, not shown in the project plans, that is in bad conditions, which would require scope above the specified painting. The casework doors do not close properly and are detaching from the hinges due to broken frames. Please advise as the scope to repair all the existing casework. Also, please keep in mind that this casework has lead paint and would require lead removal to repair any part of these existing damaged cabinets.

#### Response #10

Paint all the casework to match existing. District to provide allowance to repair all damaged casework where occurs. Per Alta Environmental Report for Lead Paint (dated January 30, 2019), Contractor shall remove all lead paint from casework as scheduled and refinish as required.

#### Question #11

Per Sheet Note #4, on Sheet AA101, it indicates to relocate and rewire all switches and outlets that do not meet ADA requirements for Buildings A, B & C. Per our field observation, all (E)

#### ADDENDUM NO. 1 IUSD SOUND MITIGATION OAK STREET ELEMENTARY SCHOOL

outlet and switches do not meet ADA requirements due to the existing height. Every outlet and switch will require to be relocated and rewired. Along with this scope, patching of the affected areas will be required. Due to the age of the buildings, please advise if the existing wire is in conduit. This information is required to estimate the extent of the electrical patch and refinish scope.

#### Response #11

Extent of ADA upgrades to switches and outlets shall be limited to new equipment and devices. New equipment, devices- including wiring & conduit, shall comply with all code requirements. See specification included as part of Division 26 Electrical, including section 26 0533 Conduit.

#### Question #12

Per Sheet Note #09-Doors, Item #7, on Sheet G003, note indicates that all (E) wood doors shall be stained and sealed. This scope will not be possible due to all (E) doors being painted which makes it unsuitable for this type of finish. Please advise.

Per Sheet Note#09-Doors, Item #8, on Sheet G003, it indicates to provide adjustments to doors either new or existing as required. Please provide a list of all the doors that need to be adjusted. If this cannot be provided, are we to carry an amount for adjustments in our bid for each (E) door that is to remain?

## Response #12

All existing wood doors shall be either re-painted to match existing finish, or re-stained & re-sealed to match existing finish.

Provide adjustment to all doors, new or existing, as required by note. Reference Door Schedule on sheet A701 for list of doors.

## Question #13

- 1. Confirm whether the project is under PSA/PLA Agreement.
- 2. Identify/reference in project specifications the dollar amount of liquidated damages assessed per day.
- Specification Section 01 1216 3.05 A. lists the phasing of work to include buildings C, E, P.
   O, D, F, G, I, H, L, M, A and B; however, the project drawings only indicate work at Buildings A, B and C. Please identify the correct allowed days to work to each building and identify all buildings where work is being performed per this contract.
- 4. The allowances noted spec section 01 2100 do not match the allowances noted in the Bid Form (page 19). Please provide the correct allowances for the project.

# Response #13

- 1. No PLA.
- 2. Reference Division 1, dated Aug 31, 2019 issued.
- 3. Reference Division 1, dated Aug 31, 2019 issued.
- 4. Reference Division 1, dated Aug 31, 2019 issued.

# Question #14

Per general fire alarm note #1, on sheet E601, it indicates that the (E) fire alarm system is to remain in place until the new system is in place. Due to this requirement and as indicated on key note#1 on sheet E605, the contractor will need access to go back and remove old devices, pull stations, conduits and wires after the new system is in place. Due to 95% of the ceilings being new drywall, it will be impossible to remove the existing fire alarm system without additional access panels to provide access to all these areas. We would require at least (4) four access panels per classroom.

#### Response #14

The attic is one big common area and the contractor can navigate and access these areas above ceiling. See General Note #1 on sheet E605, E606 and E607. The existing FA system is a manual system and is comprised of mostly pull stations and wall mounted bells. No ceiling mounted smoke or heat detectors are a part of the existing system, with exception of a few storage rooms. We will not require ceiling access for the FAS demolition since conduits can be accessed inside, via the attic space.

#### **Question #15**

Per roofing specs, it indicates to remove existing roof drain assemblies and overflow pipes and install new 12" Zurn, or equivalent, and overflow drain. This work is not illustrated in any of the project plan sheets. Please advise if we are to remove existing roof drain assemblies and overflow pipes and install new 12" Zurn and overflow drain as described in the roofing specification, or do we leave these items in place and protect.

#### Response #15

Provide new roof drain assemblies and overflow pipes at select locations (4 locations) as shown on update roof plans. See new roof drain & overflow detail included on update roof detail sheet A602.

#### **Question #16**

Section 08 5656 Security Window Screens does not show any details showing security window screens. Please advise if section 08 5656 is not applicable.

#### Response #16

We have no security screens on this project. Specification 08 5656 has been omitted.

#### **Question #17**

The specified roof system is for Garland SBS roof system and all the roof details on sheet A602 are for a Sarnifil roof. These two referenced roof systems are totally different and not compatible with each other. Please provide the correct roof drain details for this project.

#### Response #16

See update roof detail sheet A602 for typical roof details for the specified Garland system.

#### END OF PBI's, ADDENDUM NO. 1

ng Contractors
Roofing (
Approved
Garland

	Email	madab@bestcontracting.com rgarcia@bestcontracting.com	<u>jayhiller@comroofsys.com</u>	<u>shein@letner.com</u>	<u>rogie@chapmancoastroof.com</u>	jlim@tectaamerica.com	preston@westernstatesroofing.com	<u>ajones@ciservicesinc.com</u>	<u>menifeeroofing@yahoo.com</u>	<u>oscar@menco-pacific.com</u>	fseasonsrng@aol.com	mike@sanmarinoroof.com
	Phone	310-380-6060	626-359-5354	714-633-0030	714-738-6611	714-973-6233	818-773-9471	714-864-9694	951-264-9207	818-849-5054	562-755-2121	714-833-7229
Modified BUR & Coating	Contact	Matt Adab / Ryan Garcia	Glenn Hiller / Jay Hiller	Stu Hein	Rogie Cabral	Jeff Lim	Preston Reeves	Art Jones	Woody Jasso	Oscar Mendoza	Anibal Cabral	Mike Sanabria
System Type:	Contractor	Best Contracting	Commercial Roofing Services	Letner Roofing	ChapmanCoast	Tecta America	Western States	CIS	R&R	Menco Pacific	4 Seasons	San Mario Roofing

Address

19027 Hamilton Ave, Gardena, CA 90248

117135 Goldring, Arcadia, CA 91006

1490 North Classell St. Orange, CA 92867 2301 E Orangethorpe Ave Fullerton, CA92834

1220 S. Wright St Santa Ana, CA 92705

18605 Parthenia St.

Northridge, CA 91324 26861 Trabuco #353 Mission Viejo, CA 92691

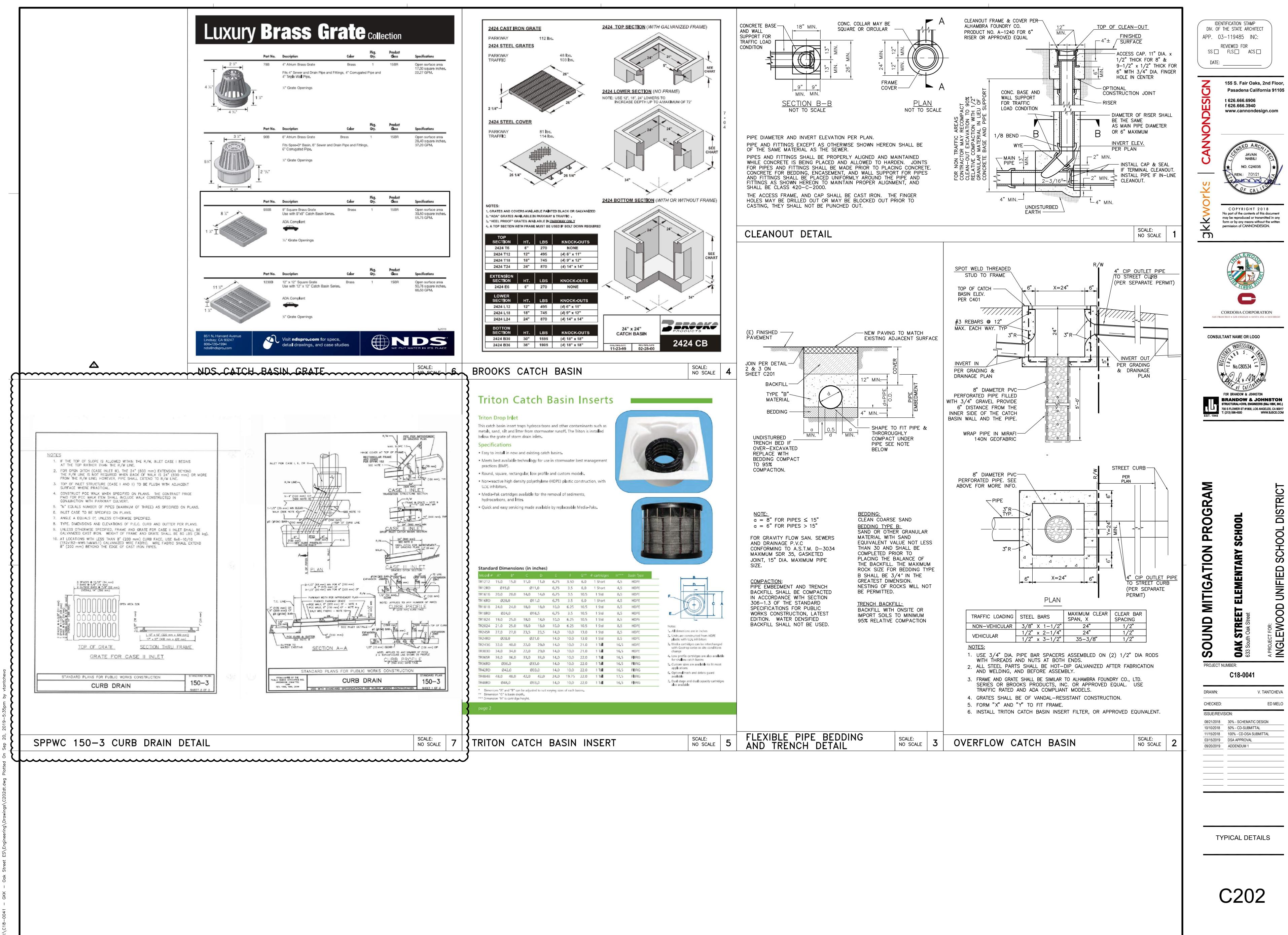
viission viejo, LA 9265 17995 Collier Ave

Lake Elsinore, CA 92530

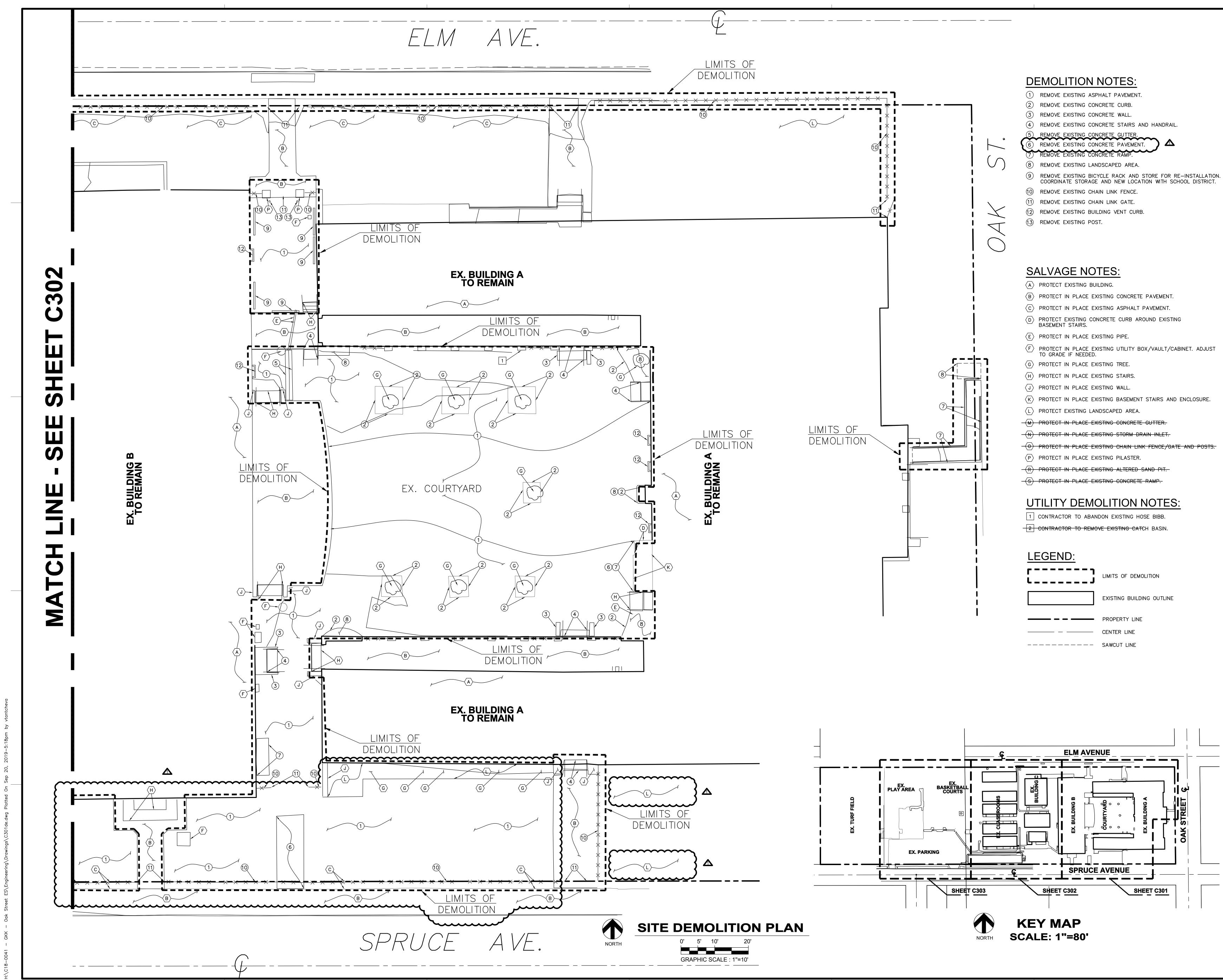
15110 Keswick St Van Nuys, CA 91405 8733 Gothic Ave North Hills, CA 91343

2187 N Batavia St Orange, CA 92865

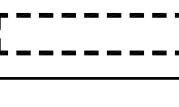
<u>mike@sanmarinoroof.com</u>

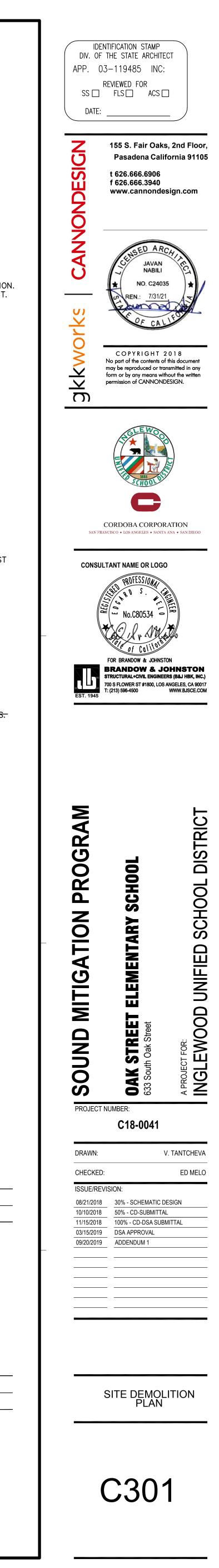


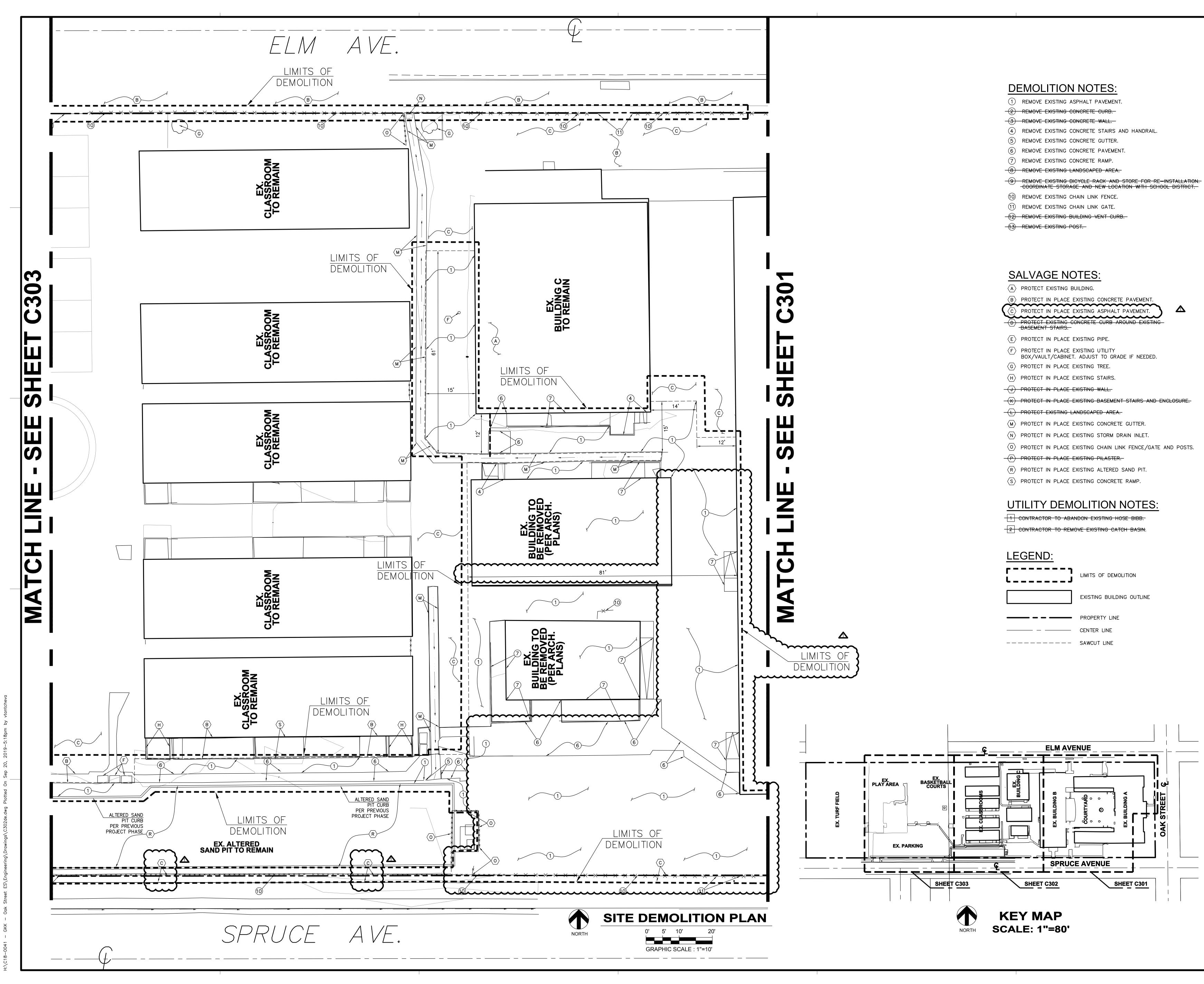
EXIBLE PIPE BEDDING ID TRENCH DETAIL	SCALE: NO SCALE	3	OVERFLOW CATCH BASIN	SCALE: NO SCALE



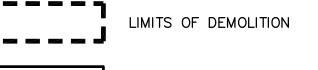
- (0) PROTECT IN PLACE EXISTING CHAIN LINK FENCE/GATE AND POSTS.

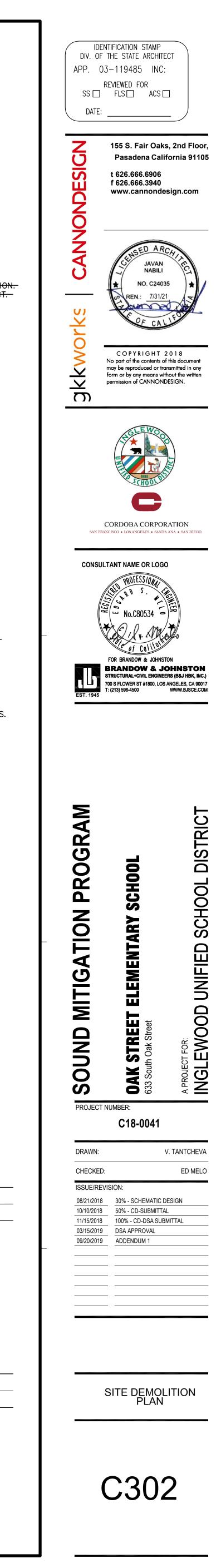


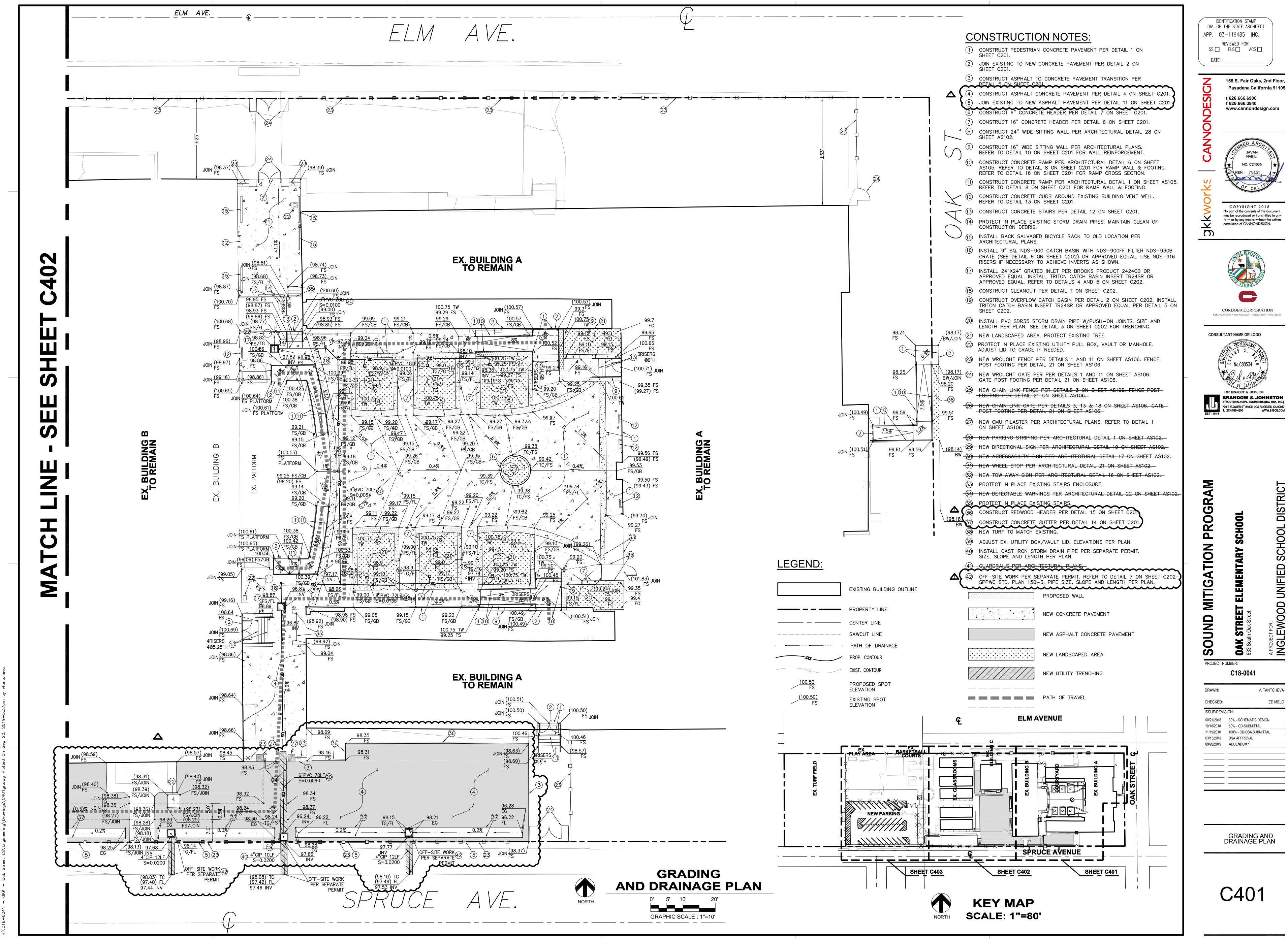


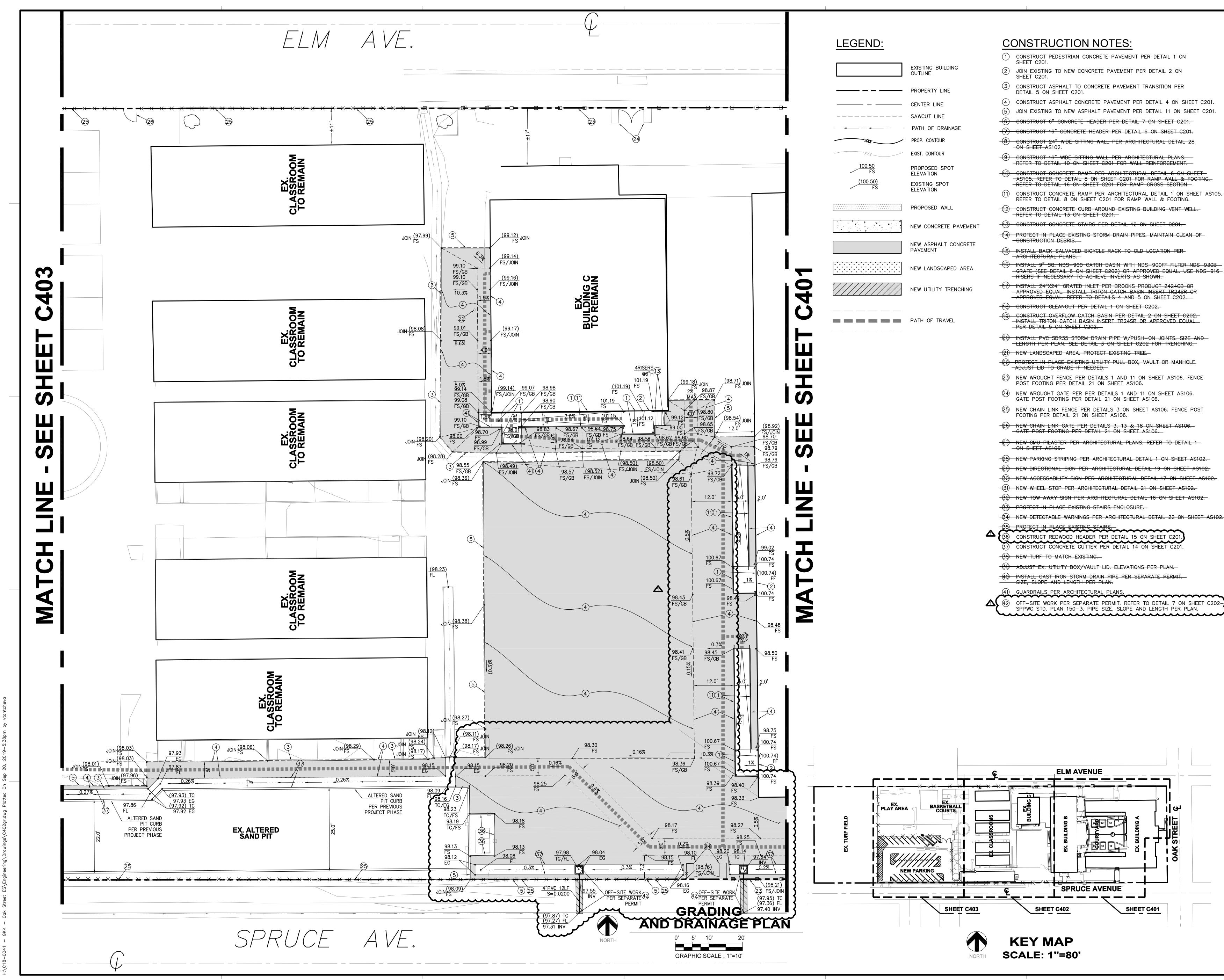


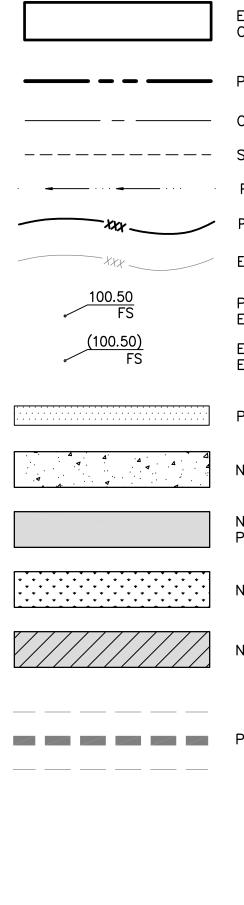
SALVAGE NUTES.
A PROTECT EXISTING BUILDING.
B PROTECT IN PLACE EXISTING CONCRETE PAVEMENT.
C PROTECT IN PLACE EXISTING ASPHALT PAVEMENT.
D PROTECT EXISTING CONCRETE CURB AROUND EXISTING BASEMENT STAIRS.
$\langle E \rangle$ protect in place existing pipe.
F PROTECT IN PLACE EXISTING UTILITY BOX/VAULT/CABINET. ADJUST TO GRADE IF NEEDED.
$\langle G \rangle$ protect in place existing tree.
$\langle H \rangle$ protect in place existing stairs.
J PROTECT IN PLACE EXISTING WALL.
K PROTECT IN PLACE EXISTING BASEMENT STAIRS AND ENCLOSURE.
- L PROTECT EXISTING LANDSCAPED AREA.
$\langle M \rangle$ protect in place existing concrete gutter.
$\langle N \rangle$ protect in place existing storm drain inlet.
$\langle 0  angle$ protect in place existing chain link fence/gate and posts
- PROTECT IN PLACE EXISTING PILASTER.
$\langle R  angle$ protect in place existing altered sand pit.
$\langle S \rangle$ protect in place existing concrete RAMP.











- AS105. REFER TO DETAIL 8 ON SHEET C201 FOR RAMP WALL & FOOTING.

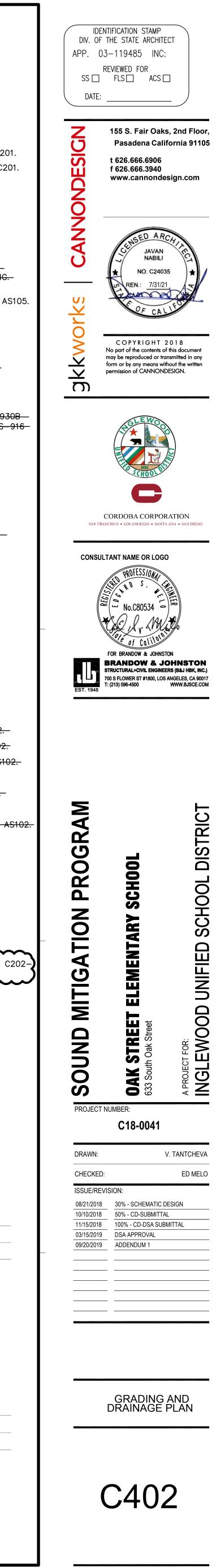
- (16) INSTALL 9" SQ. NDS-900 CATCH BASIN WITH NDS-900FF FILTER NDS-930B -GRATE (SEE DETAIL 6 ON SHEET C202) OR APPROVED EQUAL. USE NDS-916

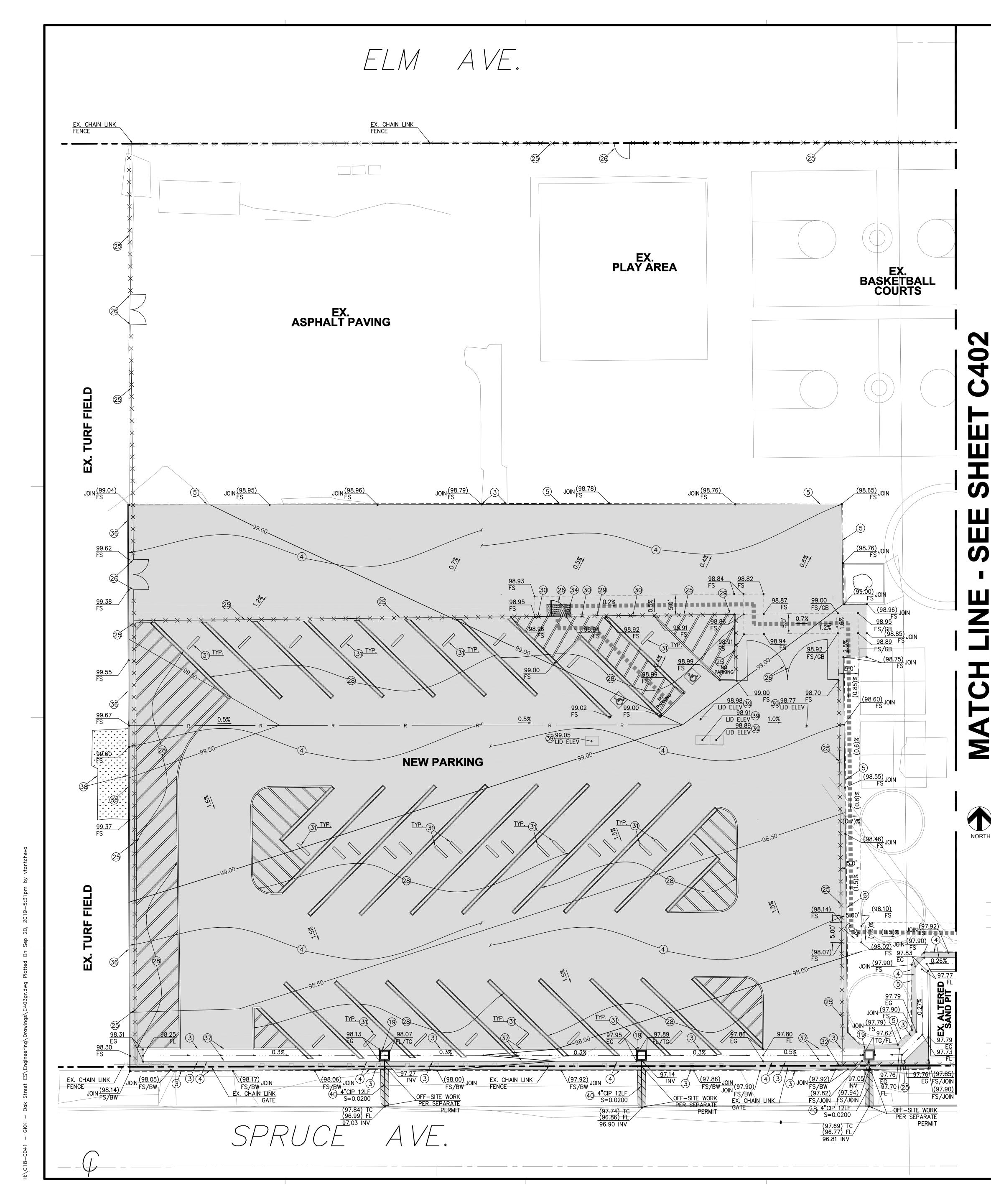
- 0 INSTALL PVC SDR35 STORM DRAIN PIPE W/PUSH-ON JOINTS. SIZE AND -LENGTH PER PLAN. SEE DETAIL 3 ON SHEET C202 FOR TRENCHING.

- (29) NEW DIRECTIONAL SIGN PER ARCHITECTURAL DETAIL 19 ON SHEET AS102.
- (30) NEW ACCESSABILITY SIGN PER ARCHITECTURAL DETAIL 17 ON SHEET AS102.

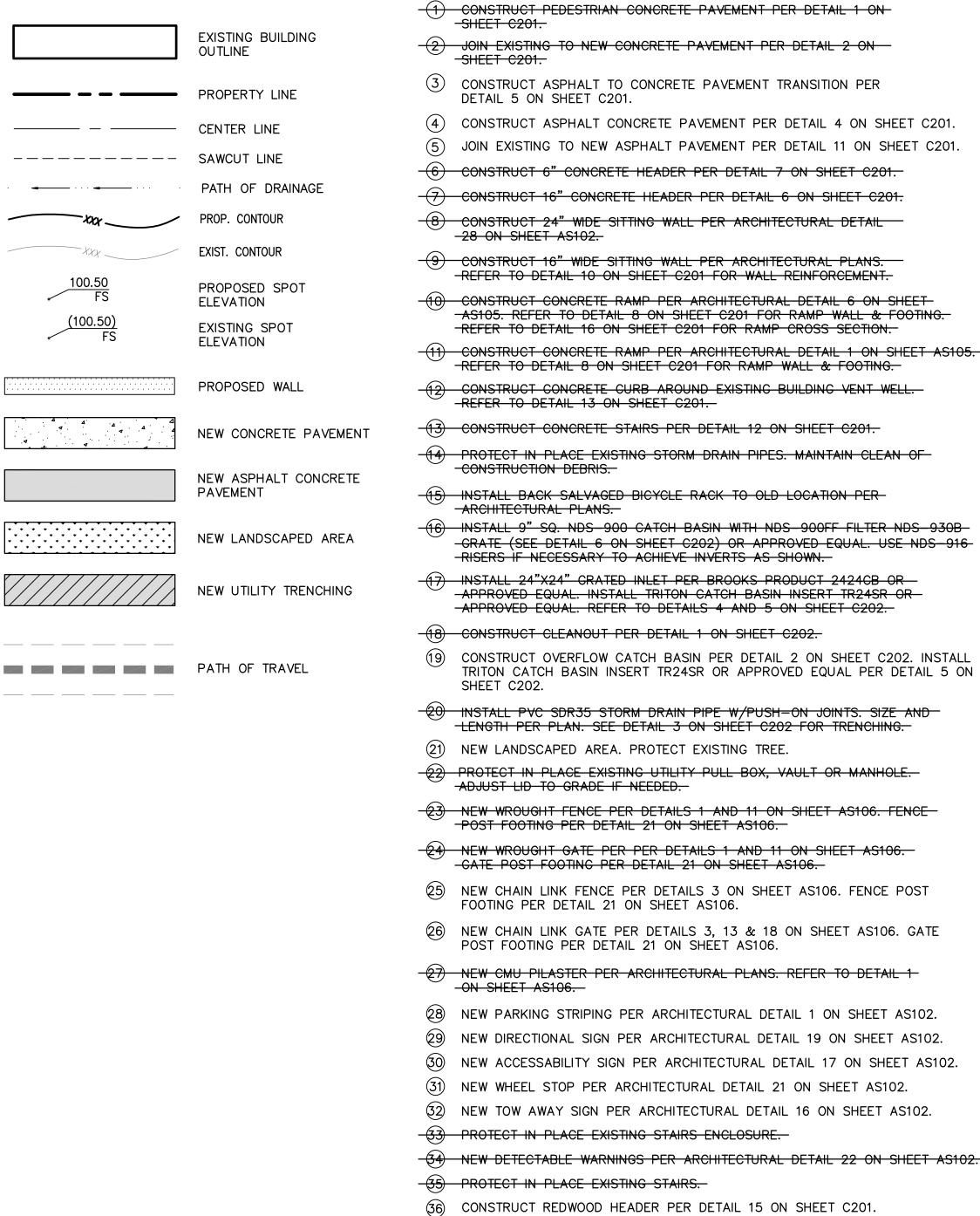
- (34) NEW DETECTABLE WARNINGS PER ARCHITECTURAL DETAIL 22 ON SHEET AS102.

- OFF-SITE WORK PER SEPARATE PERMIT. REFER TO DETAIL 7 ON SHEET C202





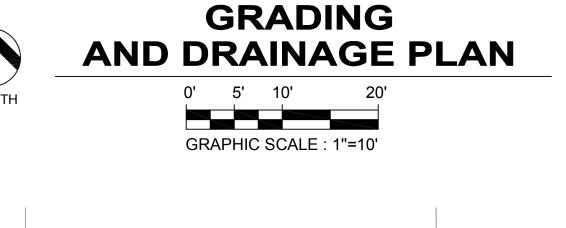
## LEGEND:

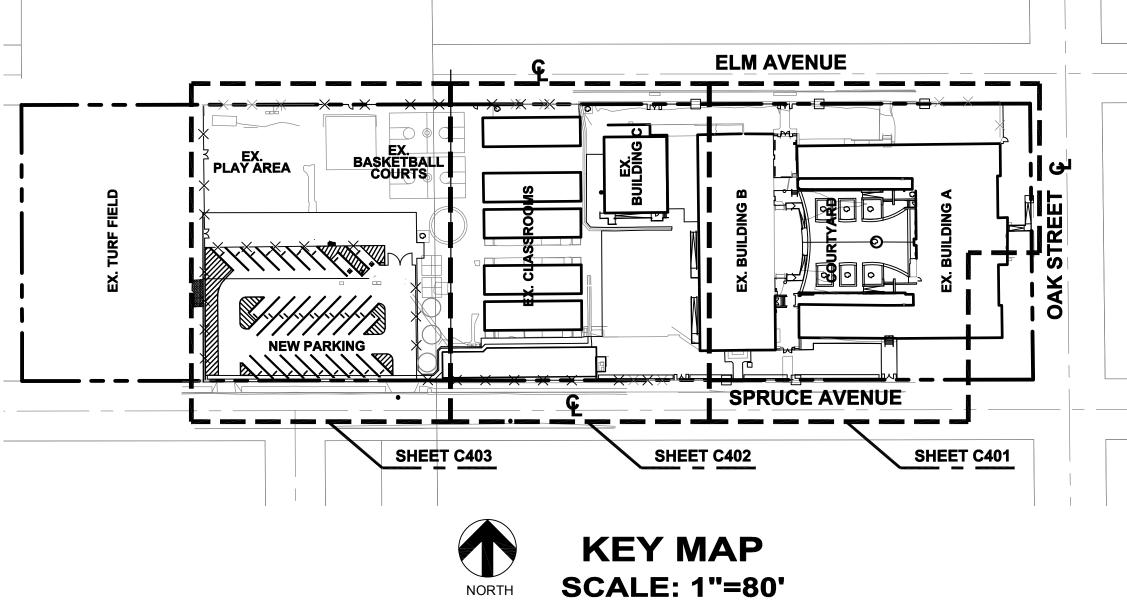


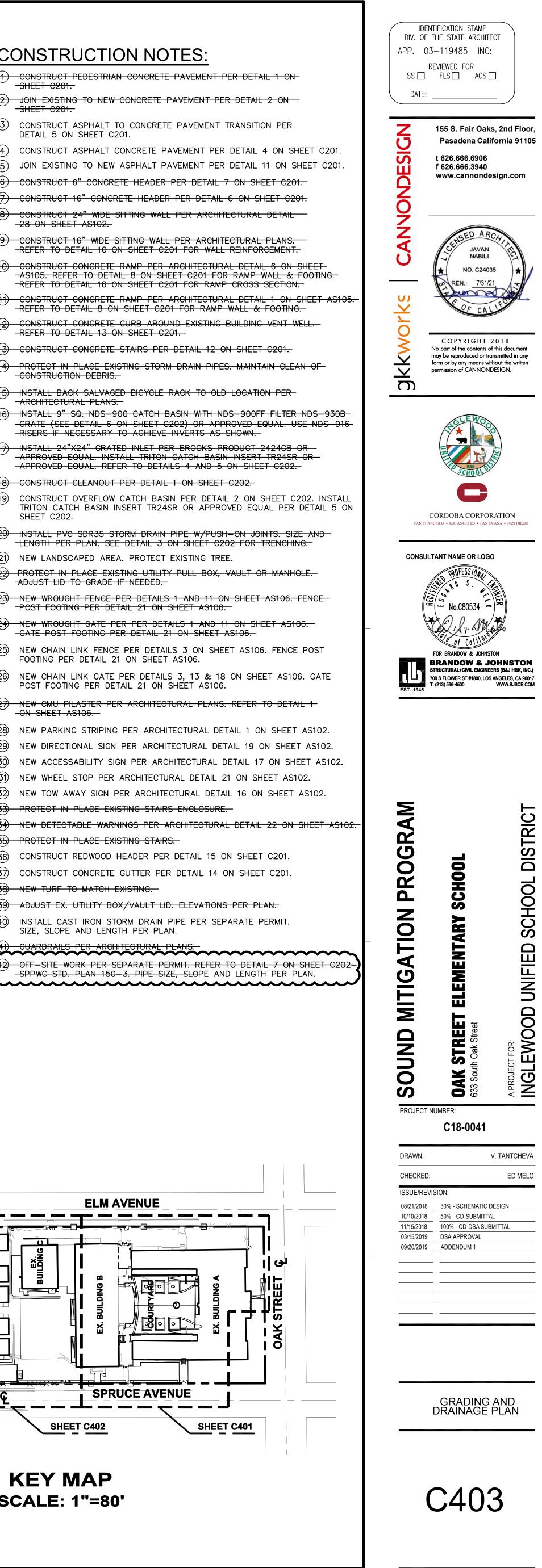
**CONSTRUCTION NOTES:** 

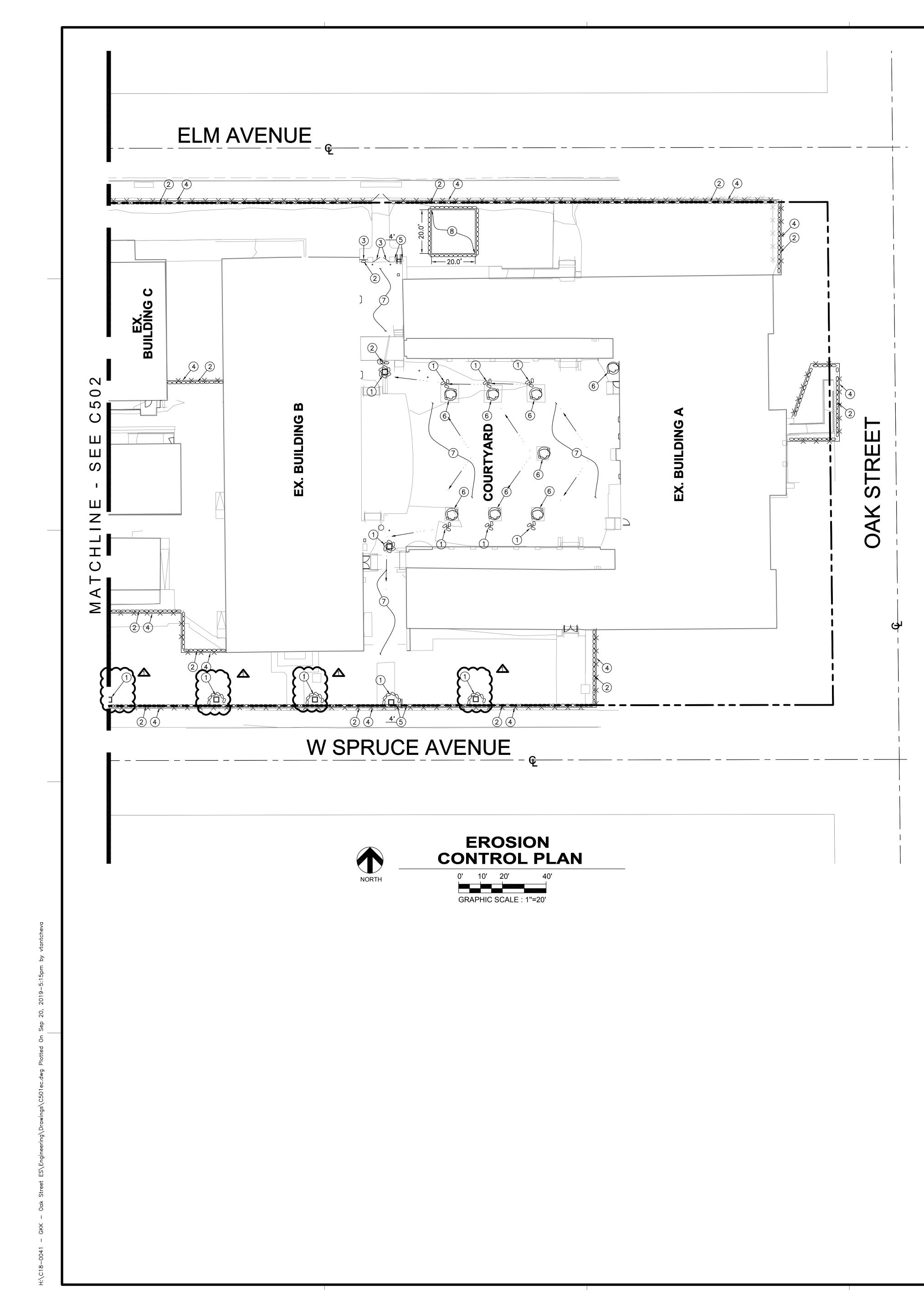
- (37) CONSTRUCT CONCRETE GUTTER PER DETAIL 14 ON SHEET C201.
- (38) NEW TURF TO MATCH EXISTING.
- (39) ADJUST EX. UTILITY BOX/VAULT LID. ELEVATIONS PER PLAN.
- (4) INSTALL CAST IRON STORM DRAIN PIPE PER SEPARATE PERMIT. SIZE, SLOPE AND LENGTH PER PLAN.

(41) GUARDRAILS PER ARCHITECTURAL PLANS. ▲ (42) OFF-SITE WORK PER SEPARATE PERMIT. REFER TO DETAIL 7 ON SHEET C202-SPPWC STD. PLAN 150-3. PIPE SIZE, SLOPE AND LENGTH PER PLAN.









## **BEST MANAGEME** PRACTICES FOR CONSTRUCT ACTIVITIES

DETAILED IN THE CALIFORNIA STORM MANAGEMENT PRACTICES HANDBOOK JULY 2012

EROSION CONTROL EC-1 SCHEDULING

SEDIMENT CONTROL SE-8 SANDBAGS BARRIER SE-10 STORM DRAIN INLET PROTE

NON-STORM WATER CONTROL NS-3 PAVING AND GRINDING OPE

WASTE MANAGEMENT AND MATERIALS WM-1 MATERIAL DELIVERY AND WM-2 MATERIAL USE

SECTION 2 OF THE CASQA BMP CONS JULY 2012. IS PART OF THESE EROSI INCLUDING BUT NOT LIMITED TO:

- MINIMUM REQUIREMENTS GOOD HOUSEKEEPING PRACTICES
- STAFF TRAINING SITE INSPECTIONS
- BMP MONITORING AND MAINTENAN STORMWATER POLLUTION CONTROL

## **EROSION CONTROL KEY NOTES**

- (1) COVER CATCH BASIN INLET WITH PERMEABLE FILTER PER DETAIL 2 (REFER TO SE-10 OF CASQA BMP MANUAL OR ON SHEET C503).
- (2) SINGLE ROW GRAVEL BAGS 2 BAGS HIGH (PER SE-8 OF CASQA BMP MANUAL OR ON SHEET C503). INSTALL TEMPORARY WIND SCREEN TO EXISTING FENCE AND GATES.
- (4) INSTALL TEMPORARY CONSTRUCTION FENCE WITH WIND SCREEN.
- SEDIMENT TRAP OUTLET PER DETAIL 1 HEREON.
- NS-3 OF CASQA BMP MANUAL OR ON SHEET C503.
- (8) MATERIAL STORAGE AREA.
- SYSTEM FROM MATERIAL DELIVERY AND STORAGE PER WM-1 OF CASQA BMP MANUAL OR ON SHEET C504.
- (10) PREVENT OR REDUCE DISCHARGE OF POLLUTANTS TO STORMDRAIN SYSTEM FROM MATERIAL USE PER WM-1 OF CASQA BMP MANUAL OR ON SHEET C504.

## LEGEND

GRAVEL BAGS OR STRAW WADDLE 

DRAINAGE FLOW

ENT	Т	YPICAL DEMOLITION
	D	EBRIS NOTES
ΓΙΟΝ	1.	EROSION CONTROL DEVICES SHOWN ON THE PLAN MAY BE REMOVED WHEN APPROVED BY THE PROJECT INSPECTOR IF THE DEMOLITION OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
WATER BEST - CONSTRUCTION.	2.	ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.
ECTION	3.	A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED WITHIN 24 HOURS AFTER EACH RAINSTORM. PUMPING AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DEWATERING OPERATIONS.
ERATIONS S POLLUTION CONTROL STORAGE	4.	STORM WATER POLLUTION DEVICES ARE TO BE MODIFIED, AS NEEDED, AS THE PROJECT PROGRESSES, THE DESIGN AND PLACEMENT OF THESE DEVICES IS THE RESPONSIBILITY OF THE CONTRACTOR. PLANS REPRESENTING CHANGES MUST BE SUBMITTED FOR APPROVAL IF REQUESTED BY THE PROJECT INSPECTOR.
STRUCTION HANDBOOK,	5.	EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORM WATER FROM THE PROJECT SITE AT ALL TIMES.
ION CONTROL PLANS,	6.	POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA PUMPS, SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
NCE L DOCUMENTATION	7.	CONTRACTORS ARE RESPONSIBLE TO INSPECT THAT ALL BMPS ARE INSTALLED AND FUNCTIONING PROPERLY IF THERE IS A 40% CHANCE OF 0.25 INCHES OR GREATER OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL.
	8.	MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY

9. A STAND-BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERBENCY DEVICES WHEN RAIN IS IMMINENT.

NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.

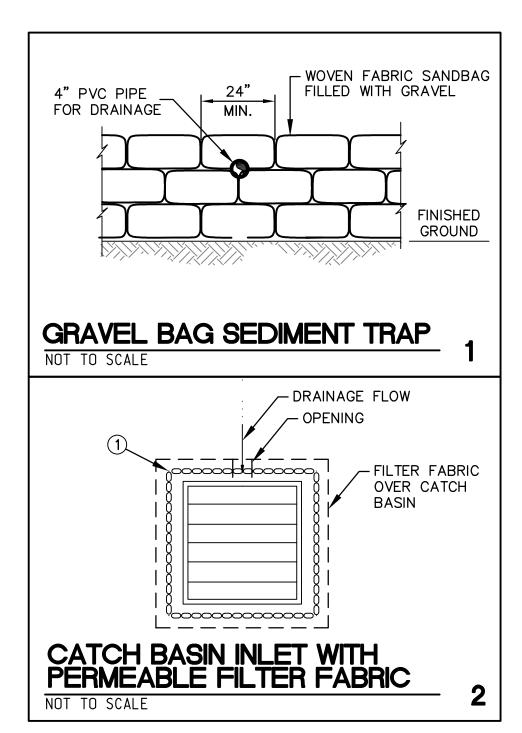
## **STORM WATER POLLUTION** CONTROL

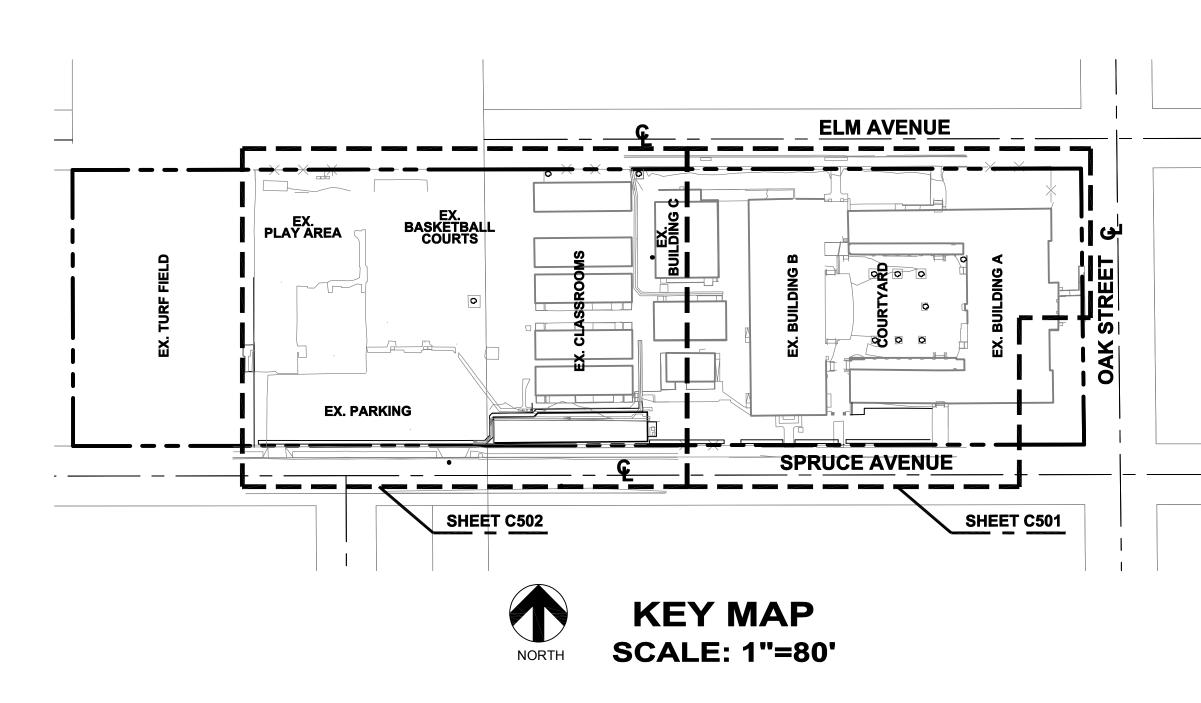
CONSTRUCTION MEANS CONSTRUCTING, CLEARING, GRADING OR EXCAVATION THAT RESULT IN SOIL DISTURBANCE. CONSTRUCTION INCLUDES STRUCTURE TEARDOWN (DEMOLITION). IT DOES NOT INCLUDE ROUTINE MAINTENANCE TO MAINTAIN ORIGINAL LINE AND GRADE, HYDRAULIC CAPACITY, OR ORIGINAL PURPOSE OF FACILITY; EMERGENCY CONSTRUCTION ACTIVITIES REQUIRED TO IMMEDIATELY PROTECT PUBLIC HEALTH AND SAFETY; INTERIOR REMODELING WITH NO OUTSIDE EXPOSURE OF CONSTRUCTION MATERIAL OR CONSTRUCTION WASTE TO STORM WATER; MECHANICAL PERMIT WORK; OR SIGN PERMIT WORK. (ORDER NO. 01-182, NPDES PERMIT NO. CASO04001 · PART 5: DEFINITIONS)

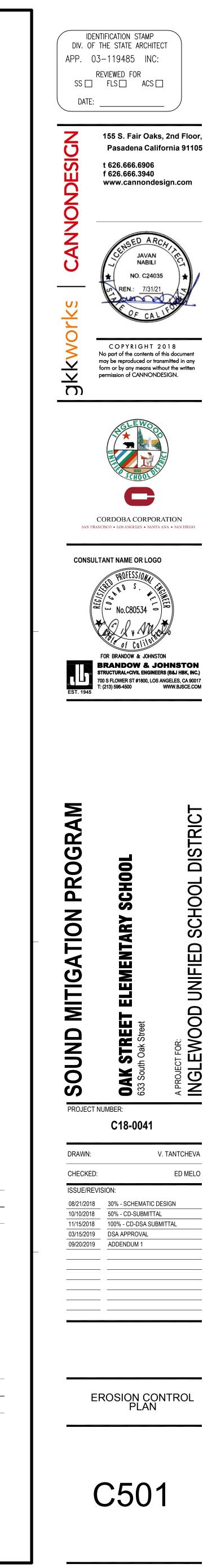
- 1. ERODED SEDIMENTS AND POLLUTANTS SHALL BE RETAINED ON SITE AND SHALL NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE OR WIND.
- 2. STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS SHALL BE COVERED AND/OR PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY WIND OR WATER.
- 3. FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND SHALL NOT CONTAMINATE THE SOIL NOR THE SURFACE WATERS. ALL APPROVED TOXIC STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF PROPERLY AND SHALL NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- 4. NON-STORM WATER RUNOFF FROM EQUIPMENT AND VEHICLE WASHING AND ANY OTHER ACTIVITY SHALL BE CONTAINED ON THE PROJECT SITE.
- 5. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTE ON-SITE UNTIL IT CAN BE APPROPRIATELY DISPOSED OF OR RECYCLED.
- 6. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF STORM WATER AND DISPERSAL BY WIND.
- 7. SEDIMENTS AND OTHER MATERIALS SHALL NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE STREET/PUBLIC WAYS. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR BY ANY OTHER MEANS.
- 8. RETENTION BASINS OF SUFFICIENT SIZE SHALL BE PROVIDED TO RETAIN STORM WATER RUNOFF ON-SITE AND SHALL BE PROPERLY LOCATED TO COLLECT ALL TRIBUTARY SITE RUNOFF.
- 9. WHERE RETENTION OF STORM WATER RUNOFF ON-SITE IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, RUNOFF MAY BE CONVEYED TO THE STREET AND THE STORM DRAIN SYSTEM PROVIDED THAT AN APPROVED FILTERING SYSTEM IS INSTALLED AND MAINTAINED ON-SITE DURING THE CONSTRUCTION DURATION.

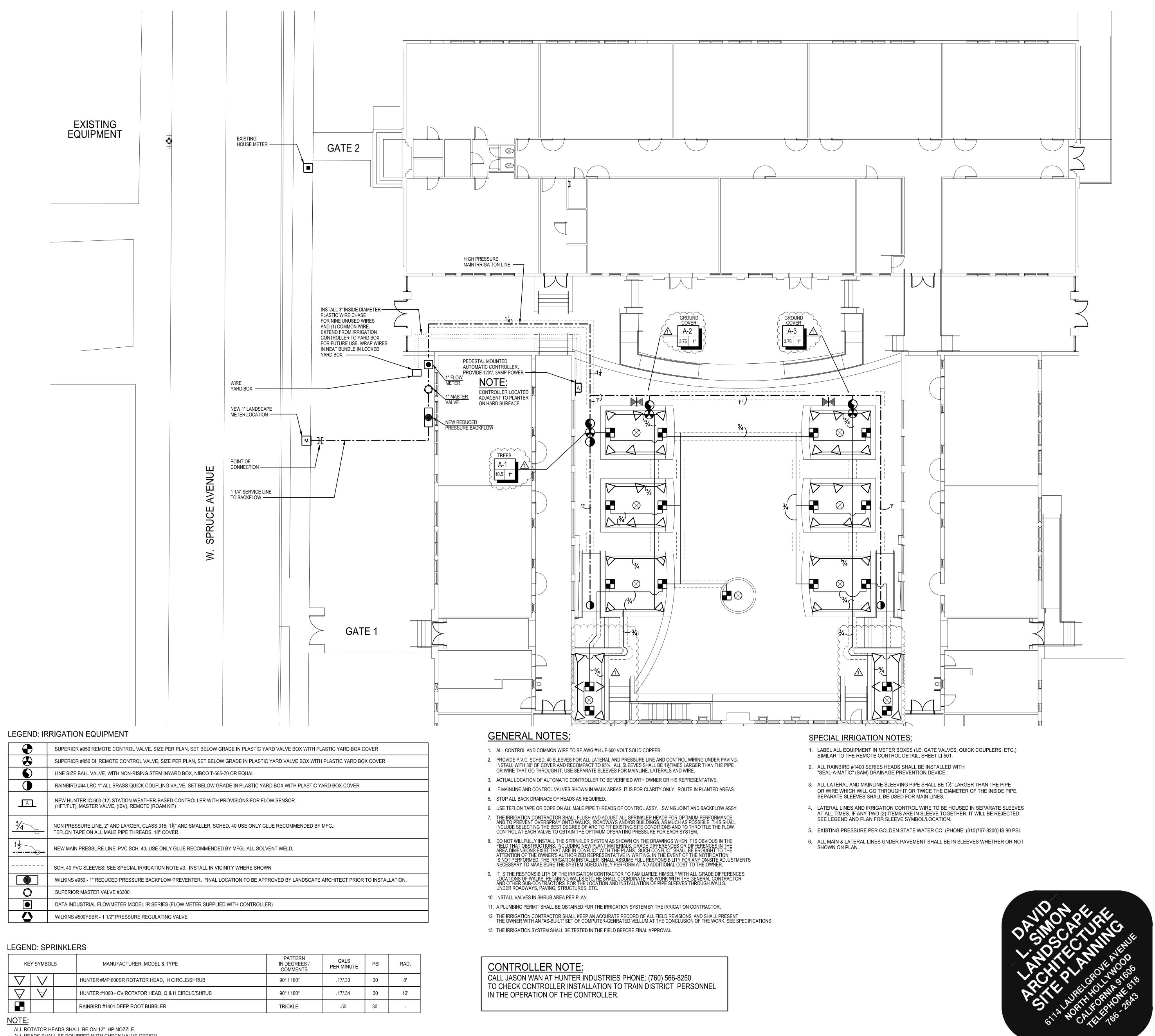
(6) PROTECT EXISTING TREES DURING CONSTRUCTION. REFER TO LANDSCAPE PLANS. PREVENT OR REDUCE DISCHARGE OF POLLUTANTS FROM PAVING OPERATIONS PER

PREVENT, REDUCE OR ELIMINATE DISCHARGE OF POLLUTANTS TO STORMDRAIN



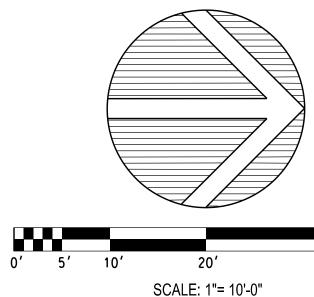




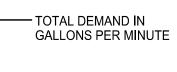


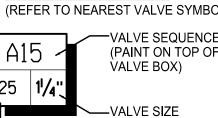
KEY SYMBOLS			MANUFACTURER, MODEL & TYPE	PATTERN IN DEGREES / COMMENTS	GALS PER MINUTE	PSI
$\bigtriangledown$	$\vee$		HUNTER #MP 800SR ROTATOR HEAD, H CIRCLE/SHRUB	90° / 180°	.17/.33	30
$\bigtriangledown$	$\forall$		HUNTER #1000 - CV ROTATOR HEAD, Q & H CIRCLE/SHRUB	90° / 180°	.17/.34	30
			RAINBIRD #1401 DEEP ROOT BUBBLER	TRICKLE	.50	30
	•	•	•			-

ALL HEADS SHALL BE EQUIPPED WITH CHECK VALVE OPTION.

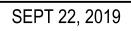


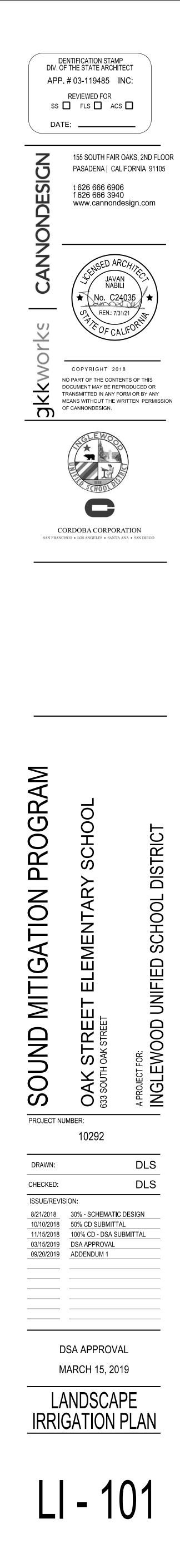




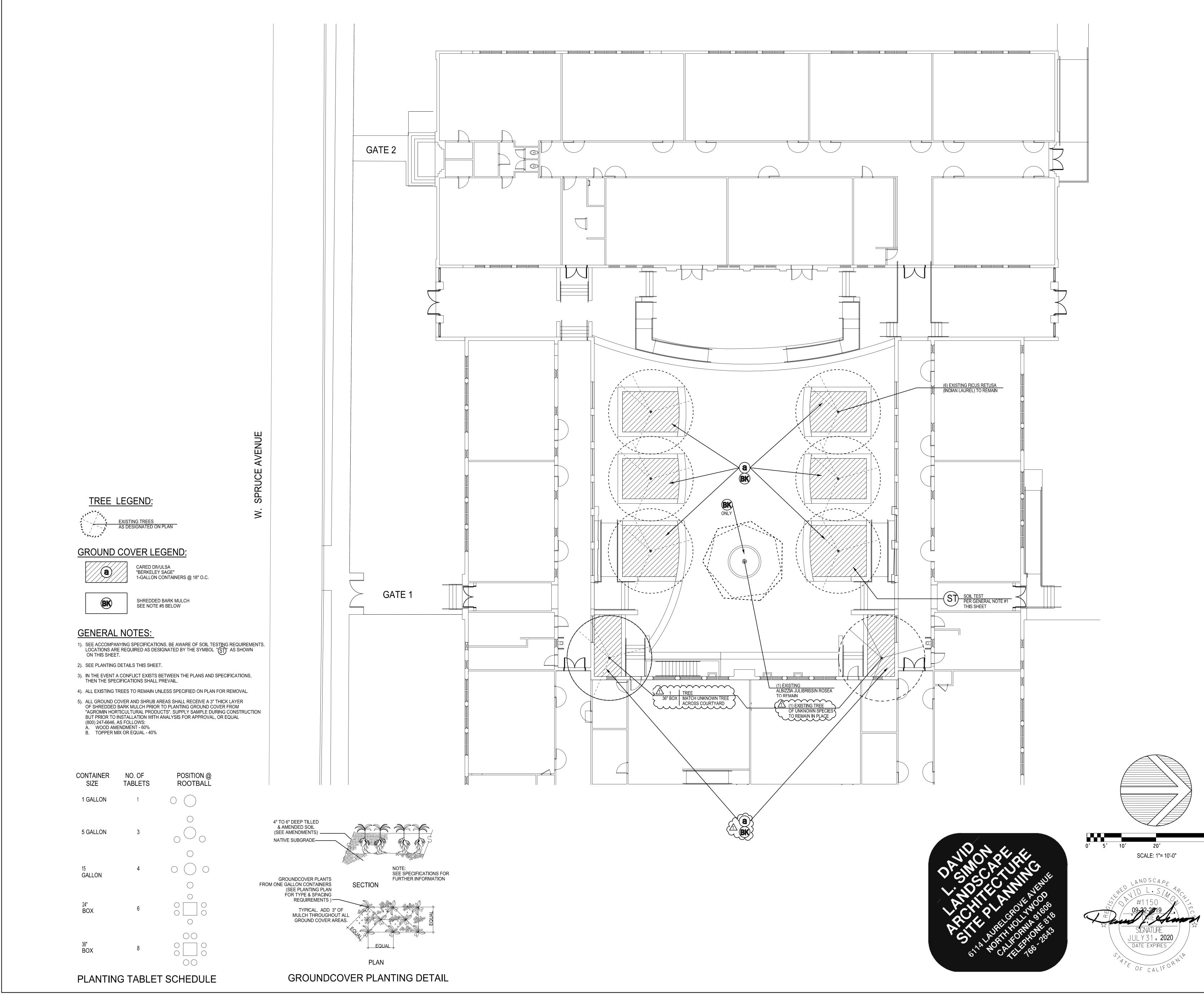


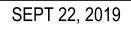
VALVE CALLOUT (REFER TO NEAREST VALVE SYMBOL) -VALVE SEQUENCE

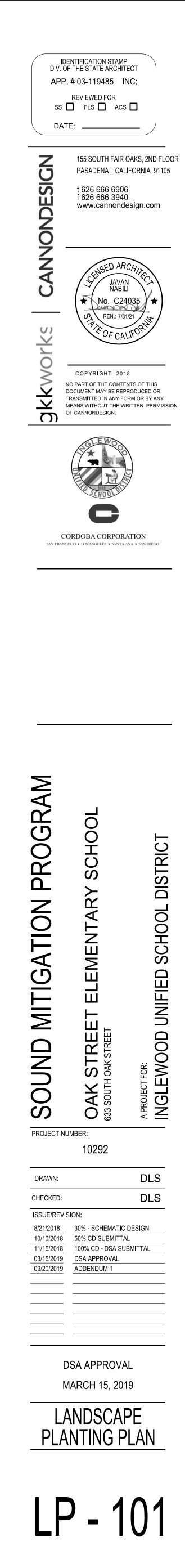




40'

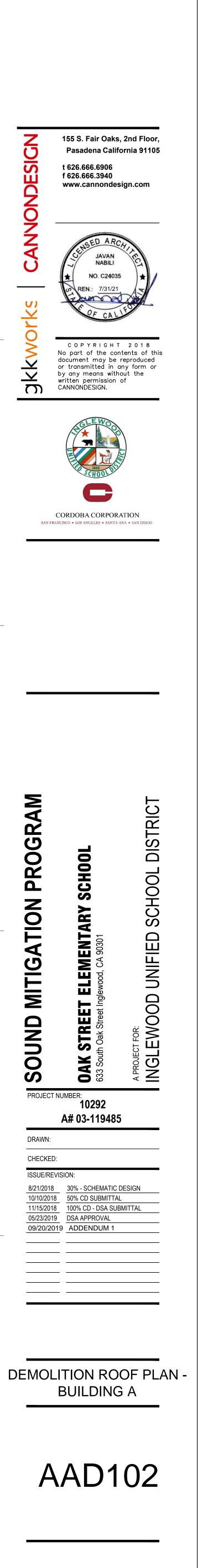


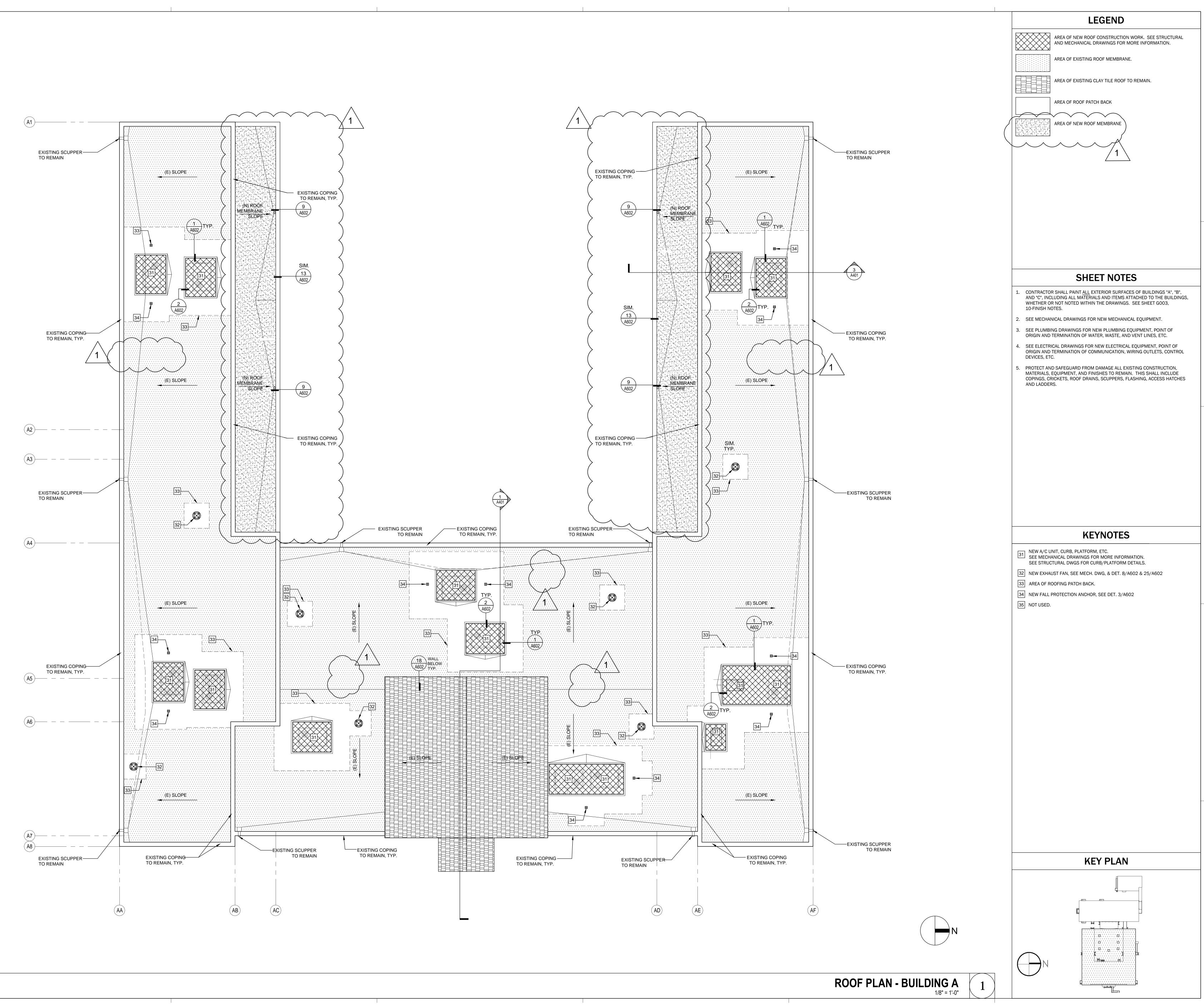


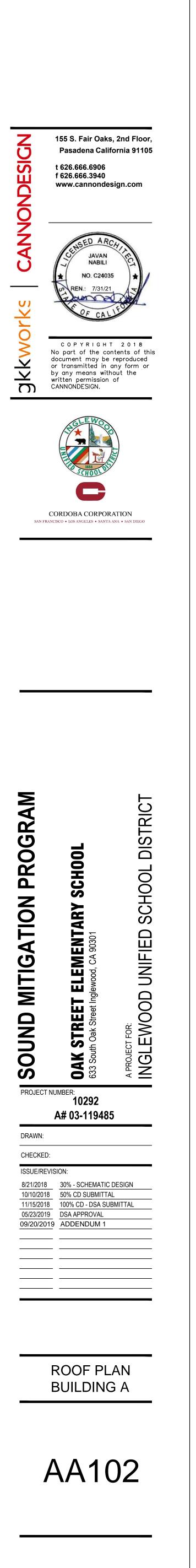


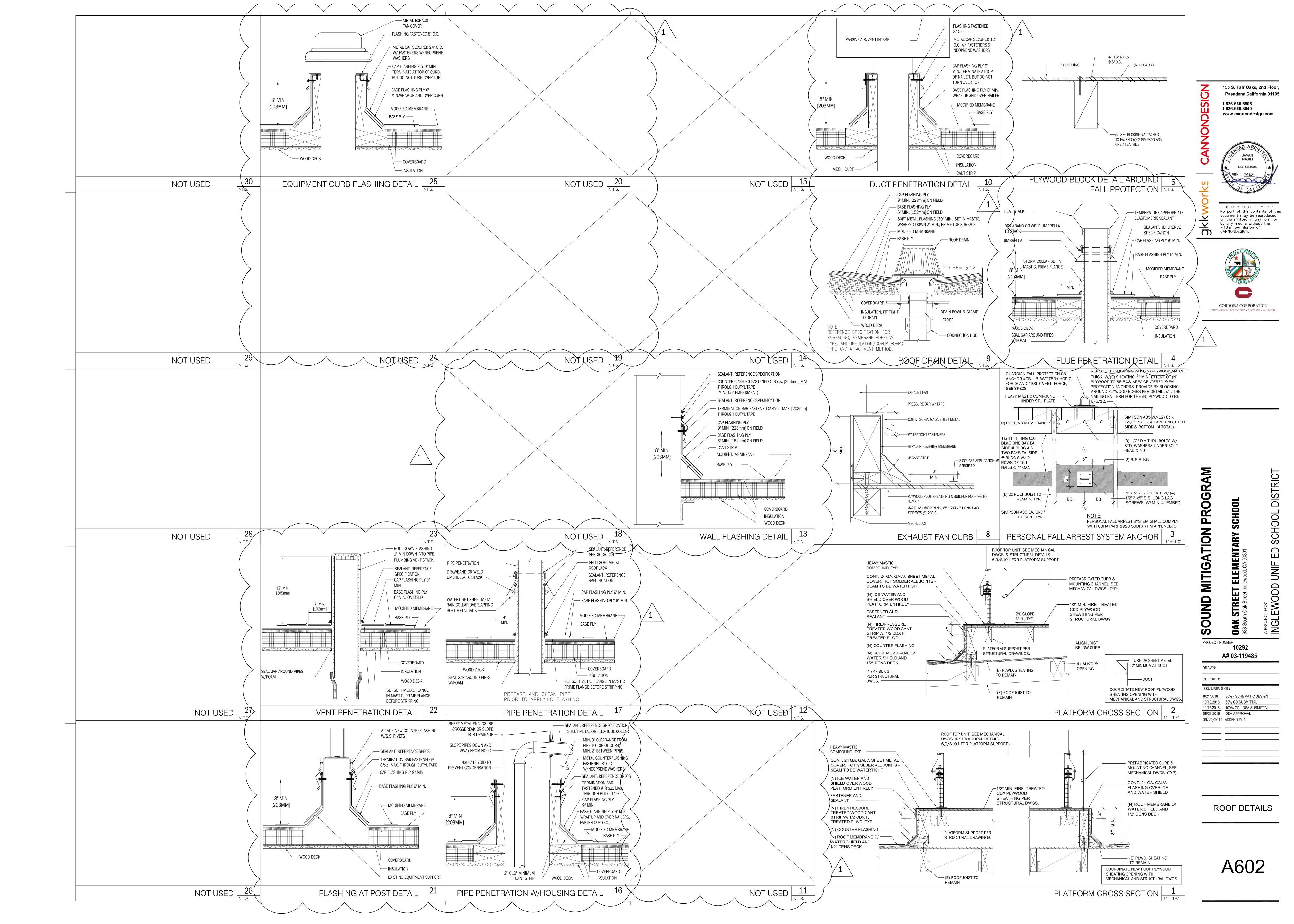
40′



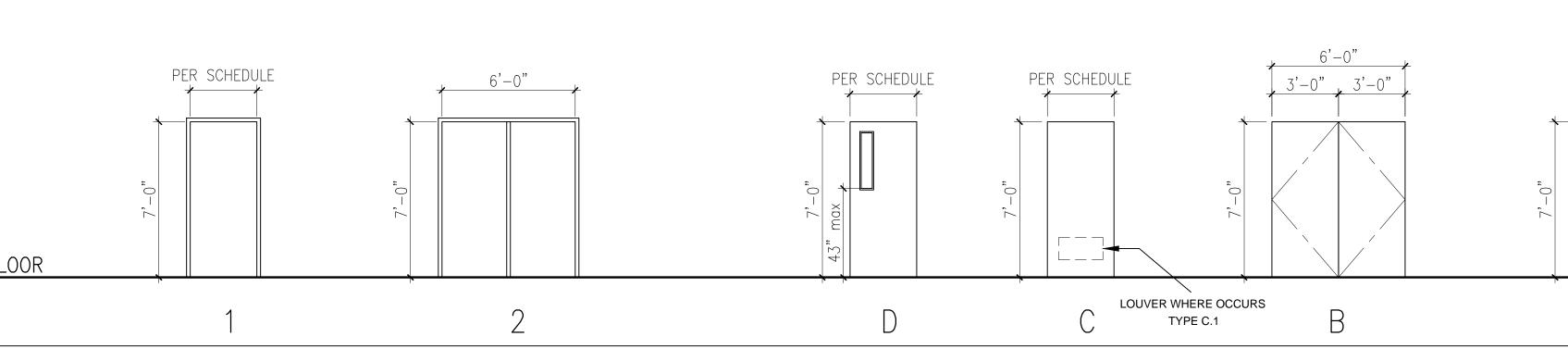








חססם				DOOR					FRA		CHEDULE		EIDE	eto			
DOOR NUMBER	ROOM NAME	TYPE	WIDTH	HEIGHT	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB	SILL	FIRE RATING	STC RATING	CLOSER	PANIC HARDWARE	HARDWARI SET
BUILDING A	ENTRY A1	•	6'-0"	7"-0"	HM	PT-1	2	HM	PT-1	2/1004	0/4004	4/0.004	20 MIN.	10	N N	Y	500
A1A A1B	ENTRY A1	A -	3'-6"	7"-0"	HM	PT-1	-	HM	PT-1	3/A601	2/A601	1/A601	-	40	r -	-	582
A2A A3A	ENTRY A2 ENTRY A3	D D	7'-9" 7'-9"	7"-0" 7"-0"	HM HM	PT-1 PT-1	2	HM	PT-1 PT-1	3/A601 3/A601	2/A601 2/A601	1/A601 1/A601	20 MIN. 20 MIN.	40 40	Y Y	Y Y	582 582
A5A A6A	CORRIDOR A5 CORRIDOR A6	A A	6'-0" 6'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	2	HM	PT-1 PT-1	3/A601 3/A601	2/A601 2/A601	1/A601 1/A601	20 MIN. 20 MIN.	40 40	Y Y	-	382R.3 382R.3
A9A A9B	CLASSROOM A9 CLASSROOM A9	C C	3'-0" 3'-0"	7"-0"	HM	PT-1 PT-1	1	HM	PT-1 PT-1	3/A601 3/A601	2/A601 2/A601	1/A601 1/A601	20 MIN. 20 MIN.	40 40	Y	-	142.1 142.1
A10A	CLASSROOM A10	С	3'-0"	7"-0"	HM	PT-1	1	НМ	PT-1	3/A601	2/A601	1/A601	20 MIN.	40	Y	-	142.1
A10B A11A	CLASSROOM A10 CLASSROOM A11	C -	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	-	HM	PT-1 PT-1	3/A601 -	2/A601 -	1/A601 -	20 MIN.	40	Y -	-	- 142.1
A11B A11C	CLASSROOM A11 CLASSROOM A11 - CLOSET	-	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-	-	-	-	-
A12A A12B	COMPUTER CLASSROOM A12 COMPUTER CLASSROOM A12	C	3'-0" 3'-0"	7"-0"	HM	PT-1 PT-1	1	HM	PT-1 PT-1	3/A601	2/A601	1/A601	20 MIN.	40	Y -	-	482.1
A13A	LIBRARY A13	C	3'-0"	7"-0"	HM	PT-1	- 1	НМ	PT-1	3/A601	2/A601	- 1/A601	20 MIN.	40	Y	-	482.1
A13B A14A	LIBRARY A13 CLASSROOM A14	-	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-		-	-	-
A14B A14C	CLASSROOM A14 CLASSROOM A14 - CLOSET	-	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-	-	-	-	-
A15A A15B	CLASSROOM A15 CLASSROOM A15	-	3'-0" 3'-0"	7"-0"	HM	PT-1 PT-1	-	HM	PT-1 PT-1	3/A601	2/A601	1/A601	20 MIN.	40	Y	-	442.1
A15C	CLASSROOM A15 - CLOSET	-	3'-0"	7"-0"	HM	PT-1	-	HM	PT-1	-	-	-	-	-	-	-	-
A16A A16B	CLASSROOM A16 CLASSROOM A16	-	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-		-	-	-
A16C A17A	CLASSROOM A16 - CLOSET CLASSROOM A17	- C	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	- 1	HM	PT-1 PT-1	- 3/A601	- 2/A601	- 1/A601	- 20 MIN.	- 40	- Y		- 142.1
A17B A18A	CLASSROOM A17 CLASSROOM A18	C C	3'-0" 3'-0"	7"-0" 7"-0"	HM	PT-1 PT-1	1	HM	PT-1 PT-1	3/A601 3/A601	2/A601 2/A601	1/A601 1/A601	20 MIN. 20 MIN.	40 40	Y	-	142.1 142.1
A18B	CLASSROOM A18	С	3'-0"	7"-0"	HM	PT-1	1	HM	PT-1	3/A601	2/A601	1/A601	20 MIN.	40	Y	-	142.1
A19A A20A	WORKROOM A19 BOYS A20	C C	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	1 1	HM HM	PT-1 PT-1	3/A601 3/A601	2/A601 2/A601	1/A601 1/A601	20 MIN. 20 MIN.	-	Y Y		142 113
A21A A22A	CUSTODIAN A21 COUNSELOR A22	-	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-	-	-	-	-
A23A A23B	FACULTY LOUNGE A23 FACULTY LOUNGE A23	С	3'-0" 3'-0"	7"-0"	HM	PT-1 PT-1	1	HM	PT-1 PT-1	3/A601	2/A601	1/A601	20 MIN.	40	Y	-	442.1
A24A	CONSOLIDATED OFFICE A24	-	3'-0"	7"-0"	HM	PT-1	-	НМ	PT-1	-	-	-	-	-	-	-	-
A24B A25A	CONSOL. OFFICE A24 - CLOSET WOMENS A25	-	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-		-	-	-
A26A A27A	MENS A26 MAIL ROOM A27	-	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-	-	-	-	-
NOT USED A28A	VICE PRINCIPAL A28		3'-0"	7"-0"	HM	PT-1		HM	PT-1	-	_						
A29A	PRINCIPAL A29	-	3'-0"	7"-0"	HM	PT-1	-	HM	PT-1	-	-	-	-	-	-	-	-
A29B NOT USED	PRINCIPAL A29	-	3'-0"	7"-0"	HM	PT-1	-	HM	PT-1	-	-	-	-	-	-	-	-
A30B A32A	SUPPLIES WORKROOM A30 NURSE A32	-	3'-0" 3'-0"	7"-0" 7"-0"	HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-	-	-		-
A33A A34A	TOILET A33 SUPPLY A34	C.1	3'-0" 3'-0"	7"-0" 7"-0"	HM	PT-1 PT-1	1	HM	PT-1 PT-1	3/A601	2/A601	1/A601	20 MIN.	-	Y -	-	113
A35A	OFFICE A35	-	3'-0"	7"-0"	HM	PT-1	-	HM	PT-1	-	-	-	-	-	-	-	-
A35B A36A	OFFICE A35 STORAGE A36	C	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	- 1	HM	PT-1 PT-1	- 3/A601	- 2/A601	- 1/A601	- 20 MIN.	-	-	-	- 142
A37A	GIRLS A37	С	3'-0"	7"-0"	HM	PT-1	1	HM	PT-1	3/A601	2/A601	1/A601	20 MIN.	-	-	-	113
BUILDING B																	
B1A B2A	ENTRY B1 ENTRY B2	A	6'-0" 6'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	2	HM	PT-1 PT-1	3/A601 3/A601	2/A601 2/A601	1/A601 1/A601	20 MIN. 20 MIN.	40 40	Y Y	Y Y	582 582
B2B	ENTRY B2	-	3'-6"	7"-0"	HM	PT-1	-	HM	PT-1	-	-	-	-	-	-	-	-
B3A B4A	CORRIDOR B3 KINDERGARTEN B4	B C	6'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	2	HM	PT-1 PT-1	3/A601 3/A601	2/A601 2/A601	1/A601 1/A601	20 MIN. 20 MIN.	40 40	Y Y	Y -	582 442.1
B4B B4C	KINDERGARTEN B4 KINDERGARTEN B4 - TOILET	-	3'-0" 3'-0"	7"-0" 7"-0"	HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-	-	-	-	-
B4D B5A	KINDERGARTEN B4 - STORAGE CLASSROOM B5	- C	3'-0" 3'-0"	7"-0" 7"-0"	HM	PT-1 PT-1	- 1	HM	PT-1 PT-1	- 3/A601	- 2/A601	- 1/A601	- 20 MIN.	- 40	- Y	-	- 442.1
B5B	CLASSROOM B5	-	3'-0"	7"-0"	HM	PT-1	-	НМ	PT-1	-	-	-	-	-	-	-	-
B5C B6A	CLASSROOM B5 CLASSROOM B6	-	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-	-	-	-	-
B6B B7A	CLASSROOM B6 CLASSROOM B7	-	3'-0" 3'-0"	7"-0" 7"-0"	HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-	-	-		-
B7B B8A	CLASSROOM B7 CLASSROOM B8	-	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-	-	-	-	-
B8B	CLASSROOM B8	-	3'-0"	7"-0"	HM	PT-1	-	НМ	PT-1	-	-	-	-	-	-	-	-
B9A B9B	CLASSROOM B9 CLASSROOM B9	-	3'-0" 3'-0"	7"-0" 7"-0"	HM HM	PT-1 PT-1	-	HM	PT-1 PT-1	-	-	-	-	-	-	-	-
	CLASSROOM B10	В	6'-0" 3'-0"	7"-0" 7"-0"	HM	PT-1 PT-1	2	HM	PT-1 PT-1	3/A601 -	2/A601 -	1/A601 -	20 MIN.	40	Y -	-	543.1 -
B10A B10B	CLASSROOM B10	-		-		PT-1	2	HM	PT-1	3/A601	2/A601	1/A601	20 MIN.	40	Y -	-	543.1 -
B10B B11A	CLASSROOM B10 CLASSROOM B11 CLASSROOM B11	В	6'-0" 3'-0"	7"-0" 7"-0"	HM					_	_		_	_	_	_	_
B10B B11A B11B NOT USED	CLASSROOM B11 CLASSROOM B11	B -	3'-0"	7"-0"	HM	PT-1	-	HM	PT-1	-	-						
B10B B11A B11B	CLASSROOM B11	В								- - -	- - -	-	-	-	-	-	
B10B B11A B11B NOT USED B12B B12C B12D	CLASSROOM B11 CLASSROOM B11 CLASSROOM B12 CLASSROOM B12 - TOILET CLASSROOM B12 - STORAGE	B - -	3'-0" 3'-0" 3'-0" 3'-0"	7"-0" 7"-0" 7"-0" 7"-0"	HM HM	PT-1 PT-1 PT-1 PT-1	-	HM	PT-1 PT-1 PT-1 PT-1	-	-	-					- - - -
B10B B11A B11B NOT USED B12B B12C B12D B13A B14A	CLASSROOM B11 CLASSROOM B11 CLASSROOM B12 CLASSROOM B12 - TOILET CLASSROOM B12 - STORAGE BOYS B13 GIRLS B14	B - - - - - - - -	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0"	HM HM HM HM HM HM HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - - - - -	HM HM HM HM HM HM HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	-	-	- - - - -	- - - -	- - - -	- - - -	- - - -	- - - - - -
B10B B11A B11B NOT USED B12B B12C B12D B13A B13A B14A B15A B16A	CLASSROOM B11 CLASSROOM B11 CLASSROOM B12 CLASSROOM B12 - TOILET CLASSROOM B12 - TOILET CLASSROOM B12 - STORAGE BOYS B13 GIRLS B14 STAFF B15 CUSTODIAN B16	B - - - - -	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0"	HM HM HM HM HM HM HM HM HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - - -	HM HM HM HM HM HM HM HM HM HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - -	-	- - - -	-				- - - - - - - -
B10B B11A B11B NOT USED B12B B12C B12C B12D B13A B13A B14A B15A	CLASSROOM B11 CLASSROOM B11 CLASSROOM B12 CLASSROOM B12 - TOILET CLASSROOM B12 - TOILET CLASSROOM B12 - STORAGE BOYS B13 GIRLS B14 STAFF B15	B - - - - - - - -	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0"	HM HM HM HM HM HM HM HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - - - - -	HM HM HM HM HM HM HM HM HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - -	- - - - - -	- - - - - -	- - - - -	- - - - - -	- - - - -	- - - - - -	- - - - - - - - - - - - -
B10B B11A B11B NOT USED B12B B12C B12C B12D B13A B14A B15A B16A B17A	CLASSROOM B11 CLASSROOM B11 CLASSROOM B12 CLASSROOM B12 - TOILET CLASSROOM B12 - TOILET CLASSROOM B12 - STORAGE BOYS B13 GIRLS B14 STAFF B15 CUSTODIAN B16 TOILET B17	B - - - - - - - - - - - -	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0"	HM HM HM HM HM HM HM HM HM HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - - - - - - - - -	HM HM HM HM HM HM HM HM HM HM HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1			- - - - - - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - - - -	- - - - - -
B10B B11A B11B NOT USED B12B B12C B12C B12D B13A B14A B15A B15A B16A B17A B17B B18A B18A	CLASSROOM B11 CLASSROOM B11 CLASSROOM B12 CLASSROOM B12 - TOILET CLASSROOM B12 - TOILET CLASSROOM B12 - STORAGE BOYS B13 GIRLS B14 STAFF B15 CUSTODIAN B16 TOILET B17 TOILET B17 STORAGE B18	B - - - - - - - - - - - - - - - -	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0"	HM HM HM HM HM HM HM HM HM HM HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - - - - - - - - - - - - - - - - -	HM HM HM HM HM HM HM HM HM HM HM HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1			- - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - -	- - - - - - - - - - -	- - - - - - - - - - - -	- - - - - - - - - - - -	- - - - - - - - - - -
B10B B11A B11B NOT USED B12B B12C B12D B13A B14A B15A B15A B16A B17A B17B B18A B17B B18A B17B C1A C1B	CLASSROOM B11 CLASSROOM B11 CLASSROOM B12 CLASSROOM B12 - TOILET CLASSROOM B12 - TOILET CLASSROOM B12 - STORAGE BOYS B13 GIRLS B14 STAFF B15 CUSTODIAN B16 TOILET B17 TOILET B17 STORAGE B18 MULTI-USE C1 MULTI-USE C1	B - - - - - - - - - - - - - - - - - - -	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	7"-0"         7"-0"	HM HM HM HM HM HM HM HM HM HM HM HM HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - - - - - - - - - - - - - - - - -	HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - 2/A601 2/A601	- - - - - - - - - - - - - 1/A601 1/A601	- - - - - - - - - - - - 20 MIN. 20 MIN.	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - - - - - - - - - - -
B10B B11A B11B NOT USED B12B B12C B12C B12C B12D B13A B14A B15A B15A B16A B17A B17B B18A B17B B18A	CLASSROOM B11 CLASSROOM B11 CLASSROOM B12 CLASSROOM B12 - TOILET CLASSROOM B12 - TOILET CLASSROOM B12 - STORAGE BOYS B13 GIRLS B14 STAFF B15 CUSTODIAN B16 TOILET B17 TOILET B17 STORAGE B18 MULTI-USE C1	B 	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0" 7"-0"	HM HM HM HM HM HM HM HM HM HM HM HM HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - - - - - - - - - - - - - - - - -	HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - 2/A601	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - 20 MIN.	- - - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -
B10B B11A B11B NOT USED B12B B12C B12C B12D B13A B14A B15A B15A B15A B17A B17B B18A B17B B18A B17B C1C C1D C1C C1D C1E	CLASSROOM B11 CLASSROOM B11 CLASSROOM B12 CLASSROOM B12 - TOILET CLASSROOM B12 - TOILET CLASSROOM B12 - STORAGE BOYS B13 GIRLS B14 STAFF B15 CUSTODIAN B16 TOILET B17 TOILET B17 TOILET B17 STORAGE B18 MULTI-USE C1 MULTI-USE C1 MULTI-USE C1 MULTI-USE C1 - HALL MULTI-USE C1 - KITCHEN	B - - - - - - - - - - - - - - - - - - -	3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0" 3'-0"	7"-0"         7"-0"	HM HM HM HM HM HM HM HM HM HM HM HM HM H	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - - - - - - - - - - - - - - - - -	HM	PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1 PT-1	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -
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STC RATING OF 40.

<u>+ 6'−0"</u> +

3'-4" 2'-8"

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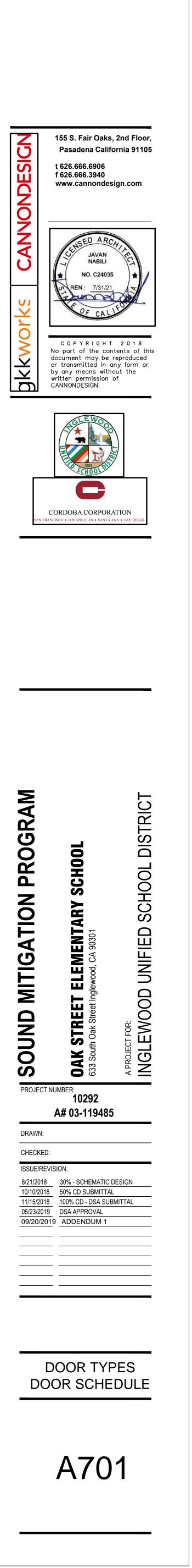
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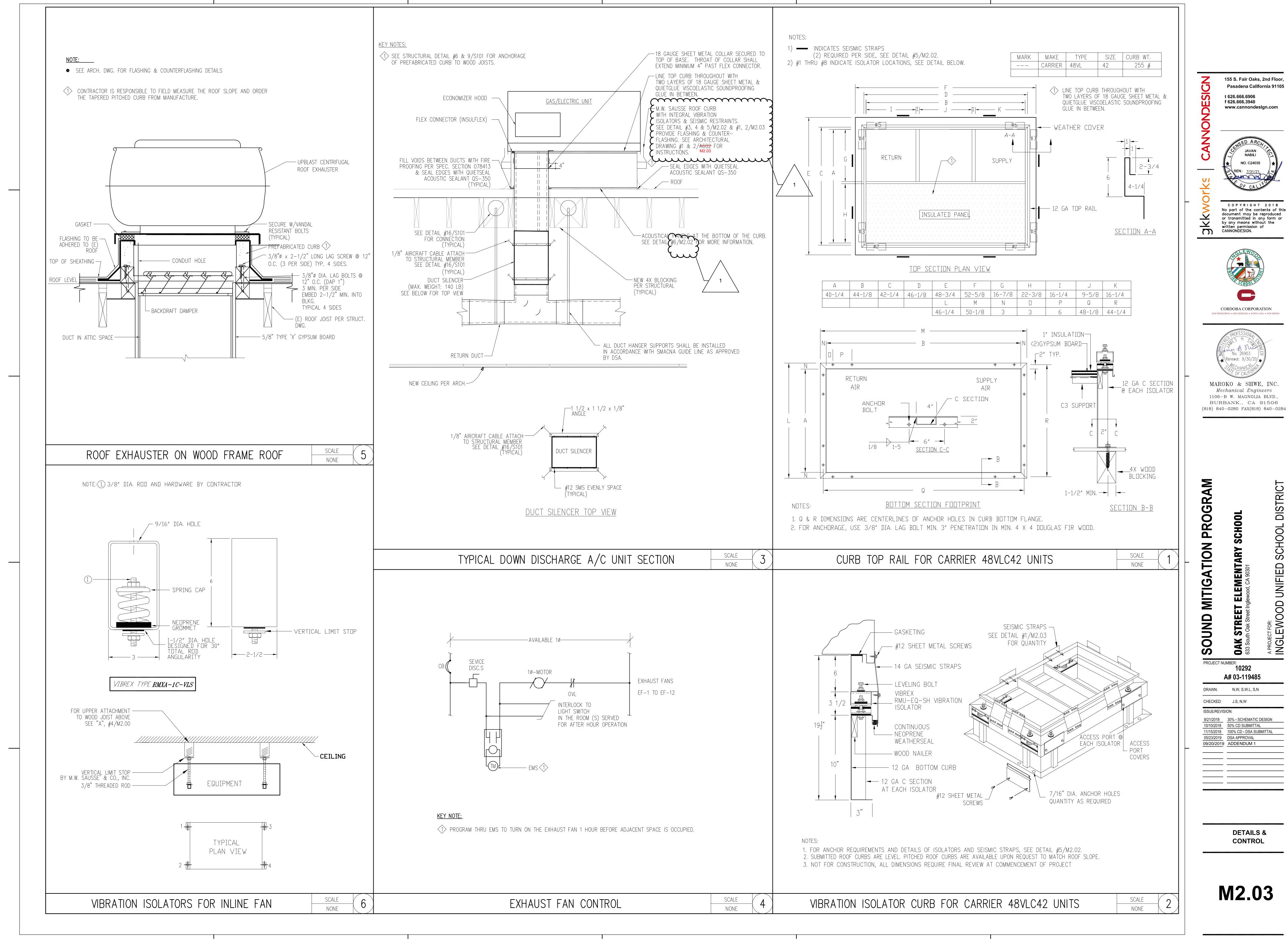
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	APPLICABLE CODES	
A —	2016 CALIFORNIA ADMINISTRATIVE CODE (CAC)PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)	
R —	2016 CALIFORNIA BUILDING CODE (CBC)PART 2, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) (BASED ON THE 2015 INTERNATIONAL BUILDING CODE (IBC))	
	2016 CALIFORNIA ELECTRICAL CODE (CEC)PART 3, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) (BASED ON THE 2014 NATIONAL ELECTRICAL CODE (NEC))	INGLEWO
c —	2016 CALIFORNIA MECHANICAL CODE (CMC)PART 4, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) (BASED ON THE 2015 UNIFORM MECHANICAL CODE (UMC))	CAMPUS V
D —	2016 CALIFORNIA PLUMBING CODE (CPC)PART 5, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) (BASED ON THE 2015 UNIFORM PLUMBING CODE (UPC))	
	2016 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)2016 CALIFORNIA FIRE CODE (CFC)PART 9, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) (BASED ON THE 2015	OA
E —	INTERNATIONAL FIRE CODE (IFC)) 2016 CALIFORNIA EXISTING BUILDING CODE (CEBC)PART 10, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR) (BASED ON THE 2015 INTERNATIONAL EXISTING BUILDING CODE	633
F —	(IEBC)) 2016 CALIFORNIA REFERENCED STANDARDS CODE (CRSC)PART 12, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)	A
с — н —	2013 CALGREEN CODE NFPA 17 - 2017 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS NFPA 72 - 2017 NATIONAL FIRE ALARM AND SIGNALING CODE N.F.P.A 101 LIFE SAFETY CODE O.S.H.A OCCUPATIONAL SAFETY AND HEALTH ACT	
-	GENERAL NOTES	TYPICAL PAINTING NOTES
1 —	1. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW PLANS AND COORDINATE THE WORK PRIOR TO THE COMMENCEMENT OF ANY PORTION OF THE WORK.	1. NOT ALL BUILDING SURFACES ARE SHOWN ON THESE DRAWINGS. THIS SCOPE INCLUDES THE COMPLETE PAINTING OF ALL EXTERIOR HORIZON VERTICAL SURFACES (WHETHER DRAWN OR NOT), OF ALL MATERIALS, ( ITEMS ATTACHED TO THE BUILDINGS), OF ALL SELECTED BUILDINGS IN T
J —	2. THE CONTRACTOR IS THE PERSON OR ENTITY IDENTIFIED AS SUCH IN THE OWNER/CONTRACTOR AGREEMENT AND IS REFERRED THROUGHOUT THE CONTRACT DOCUMENTS AS SINGULAR IN NUMBER AND MASCULINE IN GENDER. THE TERM CONTRACTOR MEANS: THE CONTRACTOR, HIS AUTHORIZED REPRESENTATIVE, AND/OR HIS SUB-CONTRACTORS.	<ol> <li>ALL EXTERIOR SOFFITS AND/OR CEILINGS SHALL BE PAINTED ON ALL SE BUILDINGS IN THIS PROJECT.</li> </ol>
K —	3. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE PROJECT ON WHICH THE WORK IS PERFORMED AND FOR THE SAFETY OF ALL PERSONS AND/OR PROPERTY DURING THE PERFORMANCE OF THE	3. PAINT ALL SIDES OF ALL COLUMNS, PILASTERS, ETC., UNLESS SPECIFICA NOTED "DO NOT PAINT'.
L —	CONTRACT. 4. ALL DRAWINGS, NOTES, SYMBOLS, ETC. WITHIN THE CONTRACT DOCUMENT SET	4. DO NOT PAINT ALARM DEVICES AND BELLS, LIGHT FIXTURES, SIGNAGE, ELECTRICAL DEVICES OR ALL OTHER ITEMS THAT WERE NOT PREVIOUSI PAINTED AT THEIR INITIAL INSTALLATION OR UNLESS NOTED OTHERWIS
<b>x</b> —	ARE INTENDED TO CONVEY THE DESIGN INTENT. NO DRAWING, NOTE, SYMBOL, ETC. SHALL SUPERSEDE ANOTHER. ALL CONFLICTS THAT ARISE SHALL BE REPORTED IN WRITING TO THE ARCHITECT FOR CLARIFICATION/RESOLUTION WITH THE DESIGN INTENT.	5. AS PART OF THE SURFACE PREPARATION AND PRIOR TO PRIMING/ PAINT BUILDING SURFACES SHALL BE:
N —	5. THE INFORMATION CONTAINED WITHIN THE CONTRACT DOCUMENT SET IS GIVEN SO AS TO ADEQUATELY CONVEY THE DESIGN INTENT. IT IS NOT MEANT TO BE EXHAUSTIVE IN SCOPE OR TOTALLY COMPREHENSIVE IN DETAIL NOR IS IT MEANT TO BE ALL INCLUSIVE OF THE MATERIALS/LABOR TO PRODUCE THE JOB AS INTENDED.	<ul> <li>A. MACHINE POWER WASHED CLEAN.</li> <li>B. PATCHED, FILLED, REPAIRED AND PREPPED FOR RECEIPT OF PAINT.</li> <li>C. CLEANED OF ALL FOREIGN MATERIALS, INCLUDING BIRD DROPPINGS.</li> <li>D. SCRAPED CLEANED OF ALL LOOSE OR PEELING PAINT.</li> <li>E. CLEANED OF ALL RUST.</li> </ul>
o —	6. BUILDING CONSTRUCTION IS DESIGNED TO CONFORM TO THE APPLICABLE CODES AND STANDARDS LISTED ON THIS SHEET AND CAL-OSHA REGULATIONS, MUNICIPAL, STATE OR FEDERAL ORDINANCES, CODES AND/OR REGULATIONS	6. SELECTED AREAS (BOTH INDICATED ON THE DRAWINGS AND NOT) WILL I TRIMMING OF ADJACENT LANDSCAPE MATERIAL TO PROVIDE ACCESS FO PAINTING. THIS LANDSCAPE TRIMMING WORK IS PART OF THIS PROJECT
	7. THE CONTRACTOR SHALL PROTECT ALL WORK, MATERIALS AND EQUIPMENT FROM DAMAGE FROM ANY CAUSE WHATSOEVER AND PROVIDE ADEQUATE AND PROPER STORAGE FACILITIES DURING THE PROGRESS OF THE WORK.	SHALL BE DONE BY QUALIFIED PROFESSIONALS. OBTAIN APPROVAL FRO DISTRICT PROJECT MANAGER FOR TRIMMING EXTENT AND METHOD PRIC THE START OF ANY WORK.
P —	<ol> <li>ALL SURFACES IN PUBLIC AREA SHALL BE NON-SLIP IN COMPLIANCE WITH DIVISION</li> <li>18 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA.</li> </ol>	7. THIS PROJECT SCOPE INCLUDES MOVING OF PORTABLE ITEMS AWAY FR BUILDING SURFACES TO ALLOW ACCESS FOR PAINTING AND THEN MOVI ITEMS BACK TO THEIR ORIGINAL LOCATION UPON COMPLETION, CONTRA
q —	<ol> <li>9. REFERENCING OF DRAWINGS IS FOR CONVENIENCE ONLY AND DOES NOT LIMIT APPLICATION OF ANY DRAWING OR DETAIL.</li> <li>10. CONTRACTOR IS RESPONSIBLE FOR PATCHING, REPAIRING AND PAINTING ALL</li> </ol>	<ol> <li>SHALL COORDINATE WITH THE DISTRICT PROJECT MANAGER.</li> <li>8. PROTECT ALL ADJACENT MATERIALS, INCLUDING BUT NOT LIMITED TO</li> </ol>
	SURFACES DAMAGED DURING CONSTRUCTION. THIS WORK SHALL MATCH EXISTING FINISHES WHEN COMPLETE. MATCH MUST BE DONE TO THE APPROVAL OF THE DISTRICT PROJECT MANAGER.	LANDSCAPE MATERIALS, HARDSCAPE, ADJACENT BUILDINGS, CARS, ETC DAMAGE AND/OR PAINT SPLATTER FOR THE PROJECT DURATION.
R — S —	11. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. 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, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND	9. PAINT THREE (3) FIELD SAMPLES ON DIFFERENT BUILDINGS, LOCATIONS DIRECTED BY DISTRICT PROJECT MANAGER. EACH SAMPLE SHALL INCLU EXTERIOR SURFACES, INCLUDING BUT NOT LIMITED TO WALLS, SOFFITS/ CEILINGS, DOORS, DOOR AND WINDOW FRAMES, ETC. AND BE APPROXIM <u>300</u> SQUARE FEET EACH IN SURFACE AREA. SAMPLES SHALL BE COMPLE THE CONTRACTOR AND APPROVED BY THE DISTRICT PROJECT MANAGEI TO STARTING THE PAINTING WORK ON ANY OF THE BUILDINGS.
<b>r</b> —	<ul> <li>SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT BEFORE PROCEEDING WITH THE WORK</li> <li>12. CONTRACTOR TO REFERENCE REPORT DATED SEPTEMBER 02, 2016, ENTITLED "LEAD-BASED PAINT ABATEMENT, STABILIZATION, AND CLEAN-UP GUIDELINES" FOR</li> </ul>	10. SELECTED AREAS (BOTH INDICATED ON THE DRAWINGS AND NOT) WILL I PATCHING OF PLASTER PRIOR TO PAINTING. THIS WORK IS PART OF THI PROJECT AND SHALL BE DONE BY QUALIFIED PROFESSIONALS. PATCHIN MATCH EXISTING FINISH AND TEXTURE AND BE APPROVED BY DISTRICT MANAGER PRIOR TO THE START OF PAINTING WORK.
77	WORK REQUIRED UNDER THIS CONTRACT.	11. THE CONTRACTOR WILL PROVIDE THEIR OWN RESTROOM FACILITIES.
<i>v</i> —		12. THE CONTRACTOR WILL PROVIDE THEIR OWN FACILITIES FOR CLEANING EQUIPMENT AND WILL NOT DISCHARGE ANY WASTE ON OR ADJACENT OF CAMPUS PROPERTY.
v —		13. REPLACE IN KIND ANY GUTTERS AND/OR DOWNSPOUTS, AND RELATED SUPPORTING HARDWARE, AS NEEDED AND/OR AS DIRECTED BY DISTRIC PROJECT MANAGER. THIS WORK IS PART OF THIS PROJECT AND SHALL BY QUALIFIED PROFESSIONALS.

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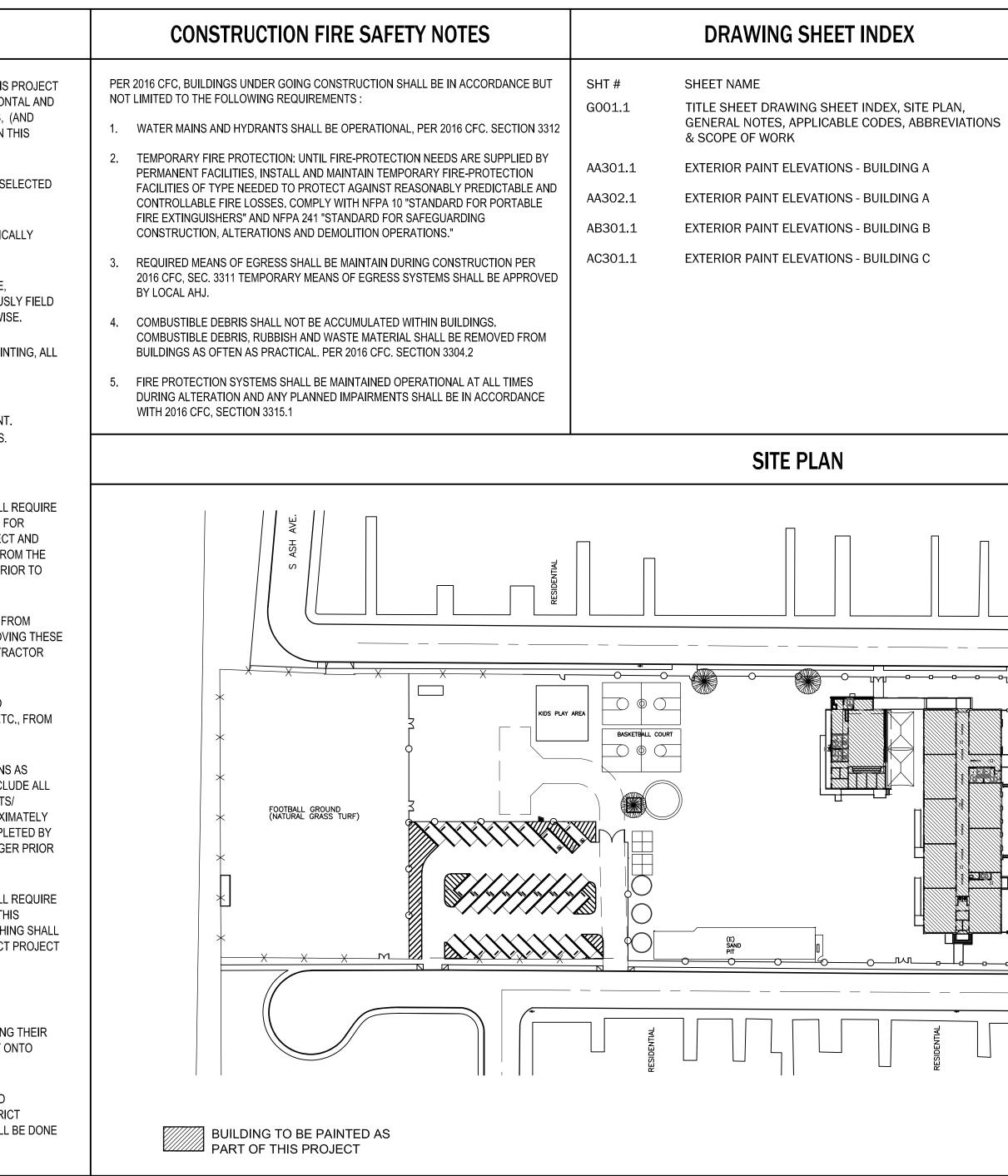
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# **OD UNIFIED SCHOOL DISTRICT** WIDE IMPROVEMENTS- EXTERIOR PAINTING PROJECT

# AK STREET ELEMENTARY SCHOOL 3 SOUTH OAK STREET, INGLEWOOD, CA 90301

# ADDENDUM NO. 1 09- 18 - 2019



CONTACT INFORMATION	
OWNER         Inglewood Unified School District         401 S. Inglewood Ave.         Inglewood, CA 90301         P:(310) 680-4812         CONTACT : Steven Ross sross@cordobacorp.com	INGLEWOOD UNIFIED SCHOOL DISTRICT
ARCHITECT gkkworks 444 S. FLOWER STREET. UNIT 2050 LOS ANGELES, CA 90071 P:(626) 666-6906 F:(626) 988-1085	401 S. INGLEWOOD AVE. LOS ANGELES, CALIFORNIA 90301 TEL: (310)419-2792 FAX: (310)677-0685
CONTACT : Albert Quesada aquesada@gkkworks.com	EXTERIOR PAINT PROJECT OAK STREET ELEMENTARY SCHOOL
	633 SOUTH OAK STREET INGLEWOOD, CA. 90301 COMMISSIONED ARCHITECT 444 S. FLOWER STREET. UNIT 2050 LOS ANGELES   CA 90071
SCOPE OF WORK	626 666 6906 626 666 3940 fax
<ol> <li>THE PAINTING OF ALL EXTERIOR SURFACES OF EXISTING (3) BUILDINGS.</li> <li>PREP, PATCH &amp; SELECTIVE REPAIR OF ALL SURFACES TO RECEIVE NEW PAINT.</li> </ol>	Architect Seal
	Agency Approval
	No. Date Revision/Issue
	PROJECT NO. : 005889 PROJECT ARCH: AQ DRAWN: MM CHECKED: AQ SHEET NUMBER GOO1.1 DATE: 09/18/2019 SHEET: 1 OF: 5 ADDENDUM NO. 1

