Compton Community College District
1111 E. Artesia Blvd.
Compton, CA 90221

DATE:	**March 03, 2025**
TO:	**All Bidders**
PROJECT:	**RFQ CCC-087** **PE Complex Re-Bid**
SUBJECT:	**ADDENDUM #2**

The following changes, omissions, and/or additions to the Project Documents shall apply to bids made for and to the execution of the various parts of the work affected thereby, and all other conditions shall remain the same.

Careful note of the Addendum shall be taken by all parties of interest so that the proper allowances may be made in strict accordance with the Addendum.

Respondent shall acknowledge receipt of this Addendum in the bid documents. Failure to do so may subject Respondent to disqualification.

1. **RFC questions and answers:**
   1.1 RFC Question and answer spreadsheet is attached.

2. **Changes to Specifications:**
   2.1 See attached Addendum 2 Consolidated Changes Narrative provided by the architect summarizing all changes to Specifications and Plans.

Attachments:
RFC Question and Answer spreadsheet
SJ Amoroso RFC #07 Substitution Request (Spec 10 51 13)
Compton College PE – FFE Group 2 Layout Exhibit
CCCD Campus Util-Locate Updated
E-EXH 01 Temp Util to Bldg. X
C-EXH 02 SWPPP Phasing Exhibit
VSC DSM Utility C-EXH 01
Board Resolution No. 06-27-2022F Stanley Security
Board Resolution No. 06-27-2022J Johnson Controls

END OF ADDENDUM #2

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COMPTON COMMUNITY COLLEGE DISTRICT
RFQ CCC-087 PE Complex Re-Bid
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RFC	Question	Drawing Sheet No. & Detail No. Reference	Specification Section & Paragraph Reference	Answer
1	Temporary fencing required around the perimeter of the jobsite calls out for it to be at least eight feet high. But inside the parenthesis calls for 6'-0" high. Please confirm temporary fencing height.	N/A	Temporary Facilities & controls Section 01 50 00-5. Page 330 Paragraph 2.7A. On the RFP_CCC-087_Contract Documents	6 foot construction fence is acceptable . Per specification section 01 50 00 - Temporary Facilities and Controls for RFQ CCC-087 PE COMPLEX RE-BID in the Contract Documents link on CCCD website.
2	Per spec section 075419 PVC Roofing, paragraph 2.13 Equipment Platform Waterproofing calls our for Sikalastic RoofPro 641. It mentions that sheet metal covers may be used but are not required for this system. After reviewing the plan details 1 & 2/A803 for the concrete curbs, it shows a sheet metal cap over the concrete curb with the PVC membrane wrapping up and over the curb. Are we to follow the plan details or specs for this condition?	Details 1 & 2 on sheet A803	Section 075419 PVC Roofing, Paragraph 2.13	Provide sheet metal cover per plan details. Please note seams in sheet metal flashing to allow for expansion and contraction per SMACNA. Note added to details, see addendum. (Struere)
3	Please update the years requested in Section 2. Revenue to reflect to the most current year.		Statement of Qualifications	Change 2019/2020, 2020/2021, 2021/2022 to:2020/2021, 2021/2022, 2022/2023
4	Specification 01 01 00 Section 1.2-A-a-A references a Project Phasing site plan to be provided at the end of the specification, but the document is not included. Please provide missing Phasing Site Plan.		01 01 00	Pages 13 & 14 Per specification section 01 50 00 - Temporary Facilities and Controls for RFQ CCC-087 PE COMPLEX RE-BID in the Contract Documents link on CCCD website.
5	Please provide As-Builts as noted in Specification 01 01 00		01 01 00	https://drive.google.com/drive/folders/1-RM9MkFqQTLhBdkY6T9Z24wzTmtDM3tu?usp=sharing
6	The Work Plan and Milestones Schedule shown in the Contract Documents indicates the project duration from "Start Construction" to "Construction Completion" is 939 days. Specification 00 73 00 Special Conditions Section 2 indicates the Contract Time for Substantial Completion is 1006 calendar days. Please confirm the correct project duration and anticipated construction completion date.		00 73 00	Special Conditions 00 73 00 paragraph 2, change to; 939 days
7	Drawing S003 Section Structural Steel Note 4 indicates "Any fabricator supplying more than 1 ton of steel shall be AISC Certified". Please confirm an LA certified fabricator is also acceptable.		S003	No exceptions taken to use of LA certified fabricator. (BJSCE)
8	The Documents include Specification 10 22 39 Folding Panel Partitions yet is not noted/shown on the drawings. Please confirm this scope is not required, if required provide details/drawings for the Folding Panel Partitions.		10 22 39	Not Required in scope (Struere) - delete this specification
9	Please approve the attached Substitution Request for Steel Lockers (Specification 10 51 13).		10 51 13	Proposed substitution accepted as noted. See substitution request form "SJ Amoroso RFI 007 - Struere Resp" in attachments folder. (Struere)

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RFC	Question	Drawing Sheet No. & Detail No. Reference	Specification Section & Paragraph Reference	Answer
10	For the 3% DVBE participation goal for this project, the information required on the DVBE Participation Worksheet Attachment D & F will not be available until the close of bid. We will not know our complete utilization and non-utilization of DVBE subs until the last minute of the bid period. We respectfully request the completed Attachments D & F to be submitted 48 hours after the bid closes. This will ensure the completeness and accuracy of the calculated numbers.		Contract Documents	Contractor has to demonstrate that they made a reasonable effort for the DVBE requirements.
11	We respectfully request an extension of 2 weeks to the RFI Cutoff Date to give subcontractors and GCs ample time to review documents.		Contract Documents	No extensions will be allowed
12	Please confirm that the height for the RFP panels in each room will be 4' above finished base	Ref drawing A131 under Finished plan keynotes # 15		The FRP sits directly above the wall base. For clarification the panels are 4' x 8' oriented horizontally, installed directly above wall base. (Struere)
13	Please confirm that Specification Section 09 67 23 Resinous Flooring will be deleted from the project.		09 67 23	Confirmed. (Struere)
14	In the interest of bidding please provide the parking rate and the minimum number of stalls we can count on or provide an allowance amount to be carried.		Contract Documents	Specification 01 01 00 - Paragraph 7, page 2, states "all construction parking and access is to be within the construction fence line". Outside the fences, parking passes can be obtained by campus police.
15	Regarding the existing pylons please confirm whether we are to demo 10ft only or the entire pylon for all pylons as noted in Specification 01 01 00 Scope of Work?		01 01 00	Per specification 01 01 00 page 6, paragraph 3.1 - "The contractor is to include demolition and removal of the pylons.
16	Please confirm Keller North America is the only subcontractor allowed to contract with for the stone columns scope of work for the gymnasium and pool as noted in the KNA drawings.	KNA Drawings		Other systems are acceptable upon approval from DSA without schedule and/or financial impact. KNA has already gone through the DSA approval process and requires no further review. If another subcontractor is used and cannot comply with DSA approval in a timely manner, then the Contractor shall be subject to a time and material back charge for any delays in the project. Architect approval is required prior to DSA submittal and DSA approval is required prior to the work being installed. (Struere)
17	Specification 101000 Fixed Markerboards are not shown or called out in the drawings. Please confirm these are not required, if required indicate their location and/or details.		10 10 00	Struere has provided specifications, quantity and locations to be provided by the District. [District / PCM3 to provide locations] (Struere) - this will be done after contract
18	Specification 071813 Pedestrian Traffic Coatings are not shown or called out in the drawings. Please confirm these are not required, if required indicate their location and/or details.		07 18 13	Specification 07 18 13 not in project, to be remove from specifications. Clear sealer to be provided at exterior stairs, landings, and platforms. See revised section 03 35 00 in addendum. (Struere)

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19	THIS SECTION CALLS OUT AN AOR 2-WAY EMERGE\ENCY COMMUNICATION SYSTEM. I DID NOT SEE ANY 2-WAY CALL STATIONS CALLED OUT ON THE PLANS. PLEASE CONFIRM LOCATION OF 2-WAY EMERGENCY CALL STATIONS?	LV SHEETS	273000 AREA OF REFUGE TWO-WAY COMMUNICATION SYSTEM	Provide at Stair #2 landing on Level 2. See revised drawing LV102 in addendum. (Budlong)
20	THIS SECTION CALLS OUT FOR A COMPLETE NEW PAGING SYSTEM , INCLUDING HEADEND EQUIPMENT AND IP PAGING SPEKERS. PLEASE CONFIRM WHAT EQUIPMENT IS REQUIRED FOR THIS PROJECT? PLEASE PROVIDE MANUFACTURER AND MODEL NUMBERS FOR EACH ITEM?	LV SHEETS	275117 CONVERGED IP PUBLIC ADDRESS & INTERCOMMUNICATIONS	PA: to meet specifications requirements. System to be coordinated and approved during next Phase once projects is awarded. (Budlong)
21	Can you please provide a specific product? Otherwise, can we use acrylic instead?		***Specs_ SECTION 10 14 00 – SIGNAGE, 2.05, A., 1***	Provide signage in accordance with campus standards. (Struere)
22	Can we fabricate painted acrylic and 3D print on all code signage?	N/A		Provide signage in accordance with campus standards. (Struere)
23	After reviewing the contract documents file, please confirm if PE Complex project is subjugated to the Project Labor Agreement (PLA). The federal government has deemed PLA to be waived.			This project is under a CBA (Community Benefit Agreement) found in Division 00
24	After reviewing the contract documents file, please confirm if PE Complex project is subjugated to the Skilled & Trained Workers (STW). We could not this provision in the contract document, but please confirm if needed.			This project is under a CBA (Community Benefit Agreement) found in Division 00
25	Please confirm what federal funds are included in the PE Complex project.			This project is state & local funded
26	Please clarify location and quantity (CY) of existing dirt pile as noted in Specification 010100, section 1.2.a.10 (bottom of spec 010100 pg. 2)		Specification 010100	Per the mandatory job walk, the stockpile is located within the laydown area for this contractor. The quantity may change depending on the requirements of the project.
27	Please provide missing logistics plan as noted in Specification 010100, section 1.2.B.10 (middle of spec 010100 pg. 5)		Specification 010100	See Spec Section 01 50 00 Temporary Facilities and Controls pages 13 & 14
28	Refer to Specification 010100, section 1.2.C.3 & 3.1. (I) Are we required to demolish 102 each concrete pylons for existing Gymnasium bldg. 'X' in phase 2 also? (II) Are we required to demolish full depth of concrete pylons as shown in section 1.2.C.3.1 table? (III) Please also provide as-builts for concrete pylons and water heating piping as per section 1.2.C.3.		Specification 010100	(I) Yes (II) Per specification 01 01 00 page 6, paragraph 3.1 - "The contractor is to include demolition and removal of the pylons (III) https://drive.google.com/drive/folders/1-RM9MkFqQTLhBdkY6T9Z24wzTmtDM3tu?usp=sharing
29	Does liquidated damages apply to phasing of project, and/or preliminary scheduled dates shown on construction schedule of Specification 014380?		Specification 014380	Yes, per specification 01 43 80
30	Please provide missing Geotech Report addendum dated October 14, 2021 per C1.01 - General Note #2	C1.01		This report is provided and located in the soils report within the contract bid documents

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31	Per C1.01 - Paving Note #4, concrete paving shall be placed over subgrade compacted to 90% relative compaction, and have a minimum compressive strength of 3,200 psi. However, detail 4 5?C2.01 show concrete paving placed of 6" CAB, and have minimum compressive strength of 4,000 psi and 2,500 psi respectively. Please advise which governs.	C1.01, C2.01	Geotech Report - section 4.12.2	Details on sheet C2.01 shall be followed. The Paving note on sheet C1.01 is revised to align with details and soils report. (BJSCE - Civil)
32	(I) Please clarify invert elevation(s) of utilities shown to demolished per C3.02. (II) Please also clarify size, type and routing of existing 'Main Line' to be patched per C3.02, Utility Demolition Note #7. Demolition Note #7 does not point to any existing utility line.	C3.02		(I) Inverts are unknown as they were not provided on the record drawings used as a main source of information. Limited depth information is provided in the GPR surveys of the area. . (II) Demolition note #7 on sheet C3.02 is shown - it is just west of the existing swimming pool building. It points to the location of the pump to be removed. Size of the main line to be patched is unknown. (BJSCE - Civil) **https://drive.google.com/drive/folders/1-RM9MkFqQTLhBdkY6T9Z24wzTmtDM3tu?usp=sharing**
33	Please clarify where does 'RF-1' (white), and 'RFG-2' (reflective gray) on A103 Materials List apply on the roof area.	A103		RF-1 located at primary High and Low roof as noted on A103. RF-1 located at the two canopies on the north side. RF-1 located at top of Pool house roof. RFG-2 at the two canopies on the west side as noted in 15&16/A804. See addendum with added material callouts for clarification. (Struere)
34	Refer to Specification 051200, section 1.05.C. Please clarify size and components of architecturally exposed structural steel mock-up per section 1.05.C		Specification 051200	Size of mock up to be left in place shall be full size of the element(s). Size of mock up elements not intended to remain in place shall be of sufficient size to adequately convey the workmanship of finished product. (BJSCE)
35	S003-Structural Steel Note #4 & #9 noted any fabricator supplying more than 1 Ton of steel shall be AISC certified. Specification 051200 does not have this requirements. Is AISC certified fabricator a mandatory requirement? Would owner also accept LADBS certified steel fabricator?	S003	Specification 051200	Yes No exceptions taken to use of LA Certified Fabricator (BJSCE)
36	Refer to S002 - Reinforcing Steel Note #13. Will the noted 5 tons or 2% reinforcing steel allowance required to be fabricated only, or to be fabricated and installed by contractor?	S002		This note is a required allowance for fabrication / erection purposes, accounting for miscellaneous steel elements, field corrections, etc. The note is not intended to require a specified amount of steel to be fabricated but never used. (BJSCE)

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RFC	Question	Drawing Sheet No. & Detail No. Reference	Specification Section & Paragraph Reference	Answer
37	Refer to S003 - Structural Steel Note #20. Will the noted 5 tons or 2% structural steel allowance required to be fabricated only, or to be fabricated and installed by contractor?	S003		This note is a required allowance for fabrication / erection purposes, accounting for miscellaneous steel elements, field corrections, etc. The note is not intended to require a specified amount of steel to be fabricated but never used. (BJSCE)
38	Would existing to remain and proposed new utilities affect layout of vibro stone column and deep soil mix columns if these utilities are in the way of vibro stone column and deep soil mix columns as per KNA-3 and KNA-3P? See attached overlay (affected columns high-lighted in YELLOW)	C3.02, C5.01, KNA-3 & KNA-3P		Per specification 01 01 100 page 2, paragraph 1 - Demolition, re-routing, and identification of underground utilities in the new building footprint and within the construction fencing provided by this contract is included. Also, page 4, paragraph 5.B - Any and all utilities that are found within the work area must be properly identified, confirmed operational, and capped or re-routed if the utility is needed. [In addition] We concur with the above. While effort to show and identify utilities within the building footprint based on record drawings, any unforeseen utilities shall be handled as explained in red above. See Disclaimer on sheet C3.02. (BJSCE - Civil) See attached VSC DSM Utility C-EXH 01
39	Refer to Specification 051213, section 3.7. Please clarify which AESS finish category applies at which location(s) for this project.		Specification 051213	Locations of AESS finish category applications is described in section 3.7 of Specification 05 12 13. AESS Category 4 is not used and will be removed. (Struere)
40	Please advise us on location and size of designated staging area, and location and number of free parking spaces on campus owner will be providing for our work crews parking.			Specification 01 01 00 - Paragraph 7, page 2, states "all construction parking and access is to be within the construction fence line". Outside the fences, parking passes can be obtained by campus police.
41	As noted in Drawing A300A please confirm Specification 133100 Fabric Structures is not used and not required.	A300A		Confirmed specification section 13 31 00 Fabric Structures not in scope. However, per A300A materials legend there is FA-2 fabric cover over pool area fence. FA-2 fabric specification to be updated as follows: Fence Screen, 750 Series Commercial Block, 95% Blockage, uv resistant, reinforced edge, galvanized grommets. Color to be black. Contact 888.313.6313. See revised materials legend in drawings and specification in addendum. (Struere)

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RFC	Question	Drawing Sheet No. & Detail No. Reference	Specification Section & Paragraph Reference	Answer
42	Please advise if the contractor is to carry temporary fence, lighting and electronic security if the College is carrying the OCIP for the duration of the project. There is a conflict note on the temporary fence requirement - OCIP indicates that the entire INSURED Project site shall be surrounded with a six foot chain link fence suitably anchored in the ground and place a reasonable distance from the insured property while the drawing is calling out 8 foot high temporary fence.			6 foot construction fence is acceptable - Per specification section 01 50 00 - Temporary Facilities and Controls for RFQ CCC-087 PE COMPLEX RE-BID in the Contract Documents link on CCCD website.
43	Will the College provide the required conditions for OCIP for the duration of the project if OCIP is carried by the College? A) Perimeter Fencing B) Site Lighting C) Electronic Security			This is the contractors responsibility and included within this contract
44	Are electrical and water consumption to be paid by the College?			Yes, that is correct
45	What are temporary power and water available to us? Locations as well as water pressure and amperage/voltage.			Contractor has the sole responsibility per specification 01 50 00
46	What is the threshold bid amount for the subcontractors list?			1/2 of 1%
47	Please provide fire proofing specifications. Not included in drawings and specs			Not Required in scope, Structural frame is not required to be fire rated. (Struere)
48	Plans call out for ribbon bike racks, however they do not specify which type of ribbon bike rack. Please advise.			Per Specification section 32 33 13 use "Original Ribbon Rack" by "AAA Ribbon Bike Rack Co" (Basis of Design). Per A101 floor plan, provide (1) Nine Capacity bike rack. Finish to be Galvanized. Inground Mount. Spec section updated to reflect. (Struere)
49	Equipment legends on sheet A141 and A142 do (not) indicate who is supplying and installing the equipment listed. Please advise if the equipment items are to be OFCI (Owner furnished contractor installed).			Refer to A141 & A142 color coded FFE Group 2 Layout Exhibits and cutsheets for clarification (Struere) Document **titled "20241104 - Compton College PE - FFE Group 2 Layout Exhibit is attached for reference.**
ADDITIONAL ITEMS				
50				**Document titled "E-EXH 01 - Temp Util to Bldg. X - 07 31 2024" is attached for reference.**
51				**Document titled "SWPPP Phasing Exhibit 080524" is attached for reference.**

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RECEIVED
By PCM3 at 1:57 pm, Feb 13, 2025

PRE-BID INQUIRY FORM

Project: RFQ CCC-087 PE COMPLEX RE-BID

Submittal Date February 13, 2025

Bidder inquiries will be responded to only if: (i) submitted on this Pre-Bid Inquiry Form; (ii) this completed Pre-Bid Inquiry Form is submitted prior to the latest date/time for submittal of pre-bid inquiries as set forth in the Call for Bids; and (ii) this completed Pre-Bid Inquiry Form is submitted to the person or entity noted in the Call for Bids.

Item No.	Item Description	DrawingSheet No. &Detail No. Reference	Specifications Section and Paragraph No. Reference
007	Please approve the attached Substitution Request for Steel Lockers (Specification 10 51 13).		10 51 13

Submitted By:

S.J. Amoroso Construction Co., LLC
(Bidder Name)

(Signature of Bidder's Authorized Employee, Officer or Representative)

Bidder Contact Information:

Roger Schotter, Chief Estimator
(Bidder Contact Name)

(714) 433-2326
(Phone and Fax)

(714) 433-2329
(Email Address)

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COMPTON COMMUNITY COLLEGE DISTRICT
Construction Procedures Manual

SUBSTITUTION REQUEST FORM (AFTER BID)
Construction Manager #_____ (For CM Use Only)

DATE: 2/13/2025 BID PACKAGE: _____

TO: Struere Advanced Architecture

PROJECT: RFQ CCC-087 PE COMPLEX RE-BID
SPECIFIED ITEM:

Section	Page	Paragraph	Description
105113	1-7	1-3	Steel Lockers

The undersigned requests consideration of the following:

PROPOSED SUBSTITUTION: LockersMFG Heavy Duty Knock Down Metal Lockers

Attached data includes product description, specifications, drawings, photographs, performance and test data adequate for evaluation of the request. Applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents which the proposed substitution will require for its proper installation.

The undersigned certifies that the following paragraphs and any additional requirements in the General Conditions Article 3.10, unless modified by attachments, are correct:

1. The proposed substitution does not affect dimensions shown on drawings:
2. The undersigned will pay for changes to the building design, including engineering design, detailing, and construction costs caused by the requested substitution.
3. The proposed substitution will have no adverse affect on other trades, the construction schedule, or specified warranty requirements.
4. Maintenance and service parts will be locally available for the proposed substitution.
5. The proposed substitution is submitted within seven (7) calendar days after issuance of the Notice of Intent to Award.

The undersigned further states that the function, appearance, and quality of the proposed substitution are equivalent or superior to the specified item.

Submitted by: Christopher Ybos

Signature: Christopher Ybos

Firm: Elite Storage Products

Address: 60 Front st. Rossville, TN 38066

Remarks: _____

Date: 2/13/2025

Telephone: 901-457-4430

Fax: _____ Date: _____

(For Use By The Design Consultant)

___ Accepted _X_ Accepted as noted

___ Not Accepted ___ Received too late

Reviewed By: Silva Zeitlian

Use diamond perforation as specified. Finish Color to be Mississippi Red. Match specified properties.

Date: 2/17/2025

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METAL LOCKER PRODUCT COMPARISON

	Lockers MFG Knock Down	Penco Vanguard
Top	24ga	24ga
Back	24ga	24ga
Side	24ga	24ga
Bottom	16ga	24ga
Door	16ga	16ga
Handles 1T, 2T	Recessed, multi-point latch	Recessed, multi-point latch
Handles 6T	Door pull, single point latch	Door pull, single point latch
Lock Compatible	Yes	Yes
ADA Compliancy	1T, 2T - Yes	1T, 2T - Yes
Door Frame	16ga spot welded	16ga spot welded
Ventilation	meets specs	meets specs
Interior Equip.	meets specs	meets specs
Rubber Silencers	meets specs	meets specs
Shelf	24	24
Hinge	16ga continuous	2" 5-knuckle
Fillers	18	20
Zee base	14ga - 2mil galvanealed n/c	14ga - galvanealed
Slope Hoods	18	18
Pedestals	10	10
Bench tops	hardwood, lacquered	hardwood, lacquered
Finish	2 to 3 mil thick powder coat	1 mil powder coat
Material	cold rolled steel	cold rolled steel
Warranty	Lifetime	1 year
Colors	20 Standard Colors ; Custom Colors Available	21
Size	WxDxH meets spec	WxDxH meets spec
Construction	Knock Down	knocked down
Hardware Steel	rivets	nuts / bolts
Surcharges	0%	12%
Lead time	8-10 weeks assembled	26-32 weeks assembled

Highlights Demonstrate Increase Quality Items

- Lockers Manufacturing -

PO Box 208 Como, MS 38619

Ph:662.338.4340

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METAL LOCKER PRODUCT COMPARISON

	Lockers MFG Knock Down Heavy Duty	Penco Invincible II
Top	16ga	16ga
Back	18ga	18ga
Side	16ga	16ga
Bottom	16ga	16ga
Door	14ga	14ga
Handles 1T, 2T	Recessed, multi-point latch	Recessed, multi-point latch
Handles 6T	Door pull, single point latch	Door pull, single point latch
Lock Compatible	Yes	Yes
ADA Compliancy	1T, 2T - Yes	1T, 2T - Yes
Door Frame	16ga spot welded	16ga spot welded
Ventilation	meets specs	meets specs
Interior Equip.	meets specs	meets specs
Rubber Silencers	meets specs	meets specs
Shelf	16	16
Hinge	16ga continuous	2" 5-knuckle
Fillers	18	20
Zee base	14ga - 2mil galvanealed n/c	14ga - galvanealed
Slope Hoods	18	18
Pedestals	10	10
Bench tops	hardwood, lacquered	hardwood, lacquered
Finish	2 to 3 mil thick powder coat	1 mil powder coat
Material	cold rolled steel	cold rolled steel
Warranty	Lifetime	1 year
Colors	20 Standard Colors ; Custom Colors Available	
Size		21
Construction	WxDxH meets spec	WxDxH meets spec Knock
Hardware Steel	Knock Down	Down
Surcharges	rivets	nuts / bolts
Lead time	0%	12%
	8-10 weeks assembled	26-32 weeks assembled

Highlights Demonstrate Increase Quality Items

- Lockers Manufacturing -

PO Box 208 Como, MS

Ph: (662) 338-4340

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LOCKERS™
MANUFACTURING any design. any material. any technology.

WEST REFERENCE LIST

Project: Carson Sheriff's Station Renovation Project
Address: 21356 Avalon Blvd, Carson, CA 90745
Price: $89,507.70
GC: Monet Construction
Contact Information: Richard Boctor O: 818-330-7306 C: 818-915-2620 rich@monetinc.net
Architect: Owen Group
Contact Information: 949-860-4800
Owner: City of Carson

Project: John Fremont Middle School
Address: 1100 E St Louis Ave, Las Vegas, NV 89104
Price: $59,272.50
GC: Apco Construction
Contact Information: Brandon Sylva 702-701-3529 702-734-0198 bsylva@apcoconstruction.com
Architect: Simpson Coulter Studio
Contact Information: 702-435-1150
Owner: Clark County School District

Project: AURORA CENTRAL HS ATHLETIC LOBBY LOCKER RENO
Address:11700 E 11th Ave, Aurora, CO 80010
Price: $90,027.96
GC: W.E O'Neil
Contact Information: Kevin Mullowney D. 303-727-5409 kmullowney@weoneil.com
Architect: Hacker Architects
Contact Information: 503-227-1254
Owner: Adams-Arapahoe School District

DISCLAIMER* Pictures shown are not representations of the projects listed.

CONTACT US
662-338-4340
WWW.LOCKERSMFG.COM

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STEEL COLOR CHART 2024

Two-Tone: Two tone finish is available at no extra charge upon request.

Standard Finish: Provides a durable, uniform finish, offering excellent resistance to corrosion, chemicals, and abrasion. Industry leading 2-3 mils standard. Available for all color options

Custom Colors: Custom colors empower a customer to find the exact color that fits their projects needs. This is ideal for matching new lockers to existing lockers, or finding the perfect color to bring a space together.

Hammertone Finish: A textured finish that offers a unique look while adding enhanced durability. Industry leading 2-3 mils standard. Hammertone color chart available upon request.

Antimicrobial Finish: Our antimicrobial powder coating inhibits the growth of bacteria, mold, and other microbes. Industry leading 2-3 mils standard. Available for all color options.

Anti-Graffiti Finish: Provides a protective layer that allows for easy removal of graffiti and stains, preserving the finish of the product. Industry leading 2-3 mils standard. Available for all color options.

Colors shown are an approximate printed representation of the actual colors and may vary. Actual color samples are available upon request.

Lockers Manufacturing retains the right of reasonable color variation from samples presented.

CONTACT US
662-338-4340
WWW.LOCKERSMFG.COM

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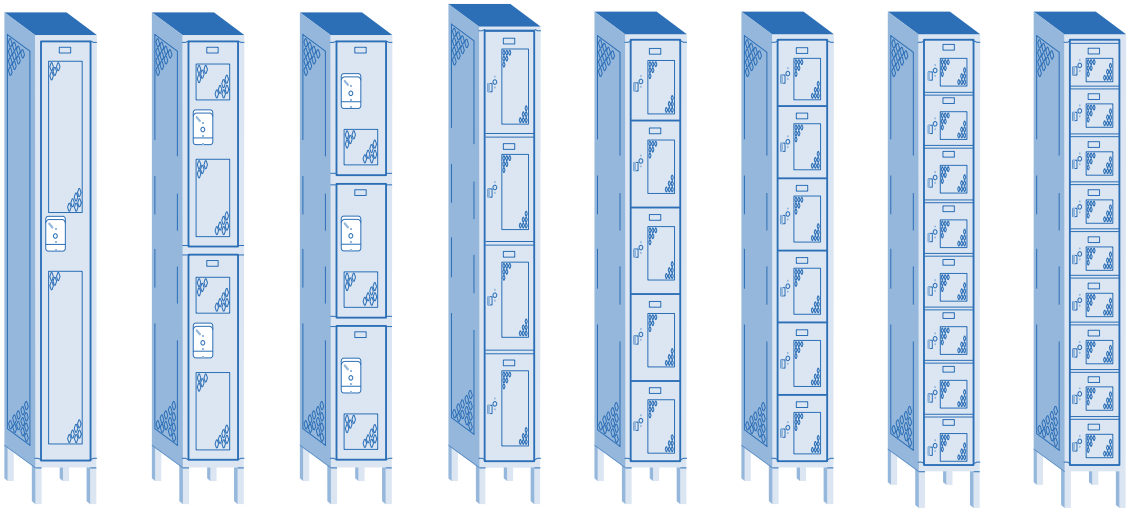
KNOCK DOWN HEAVY DUTY.

Our Knock Down Heavy Duty lockers are designed for maximum ventilation and strength, perfect for applications requiring visual inspection of contents. They offer durability and aesthetic versatility, featuring a standard 2 mil thick powder coat baked enamel finish in 20 standard colors or custom options. With diamond perforations on doors and sides for optimal airflow and security, these lockers provide customizable options including solid doors. Equipped with a recessed handle and single-point latch (with optional multipoint latch), they ensure secure storage. Ideal for schools, gyms, recreation centers, and various other applications, our Heavy Duty lockers offer reliable storage solutions for diverse needs.

PRODUCT TIERS



1 TIER 2 TIER 3 TIER 4 TIER 5 TIER 6 TIER 8 TIER 9 TIER

HIGH-END FEATURES

- 2 mil thick powder coat baked to cure finish
- Standard recessed handle on 1, 2 and 3 tier and half height locker for added safety and security
- Standard 16 gauge continuous piano type hinges riveted to frame and welded to door
- Continuous door strike has rubber bumpers to reduce noise
- Door frame is spot welded construction
- Standard 14 gauge door with reinforcement hat channel/door stiffener
- Standard 16 gauge bottom
- Single Point Latch with no moving parts, low maintenance, tamper resistant

VENTILATION OPTIONS

- Diamond Perforations (standard)
- Standard Louvers
- Mini Louvers
- Solid

DOOR HANDLE OPTIONS

- Recessed Handle Multi-Point Latch
- Recessed Handle Single Point Latch
- Door Pull (standard for box lockers)

GAUGE REFERENCE

Top	Back	Side	Base	Door	Door Frame	Shelf
16	18	16	16	14	16	16

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PRODUCT FABRICATION

Material: Steel parts shall be mild cold rolled commercial quality steel, capable of taking a high-grade finish. Steel mandrel rivets, zinc-plated truss, and fin head bolts with hex nuts.

Fabrication: Each locker will have an individual door, frame, top, bottom, back, and shelves, with common intermediate divisions.

Construction: Lockers shall be built with common intermediate uprights separating units. Assembly using rivets and/or nuts and bolts. Lockers shall be square, rigid, without warp, with metal faces. Doors shall be flat and distortion-free.

Door Frames: Shall be 16 gauge, channel-shaped with an additional flange for a continuous door strike. Cross-frame members shall also be 16 gauge channel-shaped and securely welded for rigidity.

Doors: Shall be 14 gauge, channel-shaped on lock and hinge sides, with angle formations across top and bottom. One, two, and three-tier locker doors shall have 16 gauge full-height reinforcement channel. Doors over 15" wide and 30" high include a 3" wide 20 gauge full-height reinforcing pan welded inside at 6" centers. Standard with 6" legs; no legs optional.

Ventilation: All lockers sides and doors 20" or higher shall be diamond-shape perforations. Optional ventilation pattens available upon request.

Body: Hole spacing not exceeding 9". Steel specially formed for added strength and rigidity.

Box Lockers: Channel formations on lock and hinge sides, pre-punched for padlocks, latch, door pull, and built-in combination and key locks.

Hinges: Shall be 16 gauge full-length continuous piano type, riveted to the frame and welded to the door. Designed for security and resistance to abuse.

Handles: One piece 20 gauge deep-drawn stainless cup, designed to accommodate locks.

Latching: Multi-point latch with full channel formation to conceal lock bar, channel on hinge side, right-angle formations on top and bottom, and holes for number plates.

Interior Equipment: Single-tier lockers 48" or higher have a shelf. Lockers under 18" deep have 3 wall hooks and one ceiling hook. Lockers 18" deep or more have a coat rod instead of one ceiling hook. Triple-tier lockers have three or four wall hooks. Hooks are zinc-plated steel with ballpoint heads, attached with two fasteners.

Number Plates: Each locker has a polished aluminum number plate with black numerals 1/2" high.

Finish: All components have a 2mm hybrid epoxy/polyester powder, electrostatically applied and baked to cure.

Submittals: Submit under provisions of Section 01 33 00. Shop drawings to show dimensioned plans, elevations, and sections.

Accessories: Available upon request.

Locks: Available upon request.

ADA Compliance: Lockers meet ADA guidelines with recessed handles, single-tier or lower double-tier openings, and bottoms at least 15" off the floor. Single-tier lockers have a shelf 48" off the floor. Handicapped doors display an appropriate symbol.

EXECUTION

Installation: Lockers must be installed in accordance with Lockers Manufacturing's provided instructions, ensuring level, plumb, and flush surfaces with secure attachments to anchoring surfaces.

Assembly: While bolting assembly is acceptable, Lockers Manufacturing recommends riveting for a solid, permanent fastening solution, allowing for efficient removal by drilling when necessary for future locker rearrangements or part replacements.

Anchoring: Securely anchor lockers to the floor and wall to maintain stability.

Adjust and Clean: Prior to substantial completion, ensure doors and latches operate smoothly without binding. Verify satisfactory operation of built-in locks to prevent any issues, adjusting as necessary for seamless functionality.

Touch-Up: Utilize factory-supplied paint for touch-ups or replacements to address any damage before substantial completion.

Protection: Take measures to protect installed products until the project is completed to maintain their integrity.

Delivery, Storage, and Handling: Store products in their original, unopened packaging until installation to safeguard the locker finish and adjacent surfaces from potential damage.

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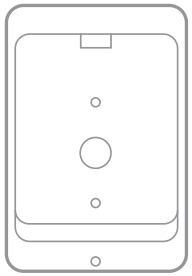
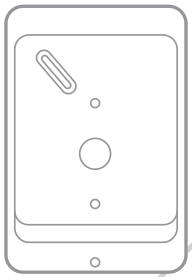
HANDLES & VENTILATION.

MULTI-POINT RECESSED HANDLE



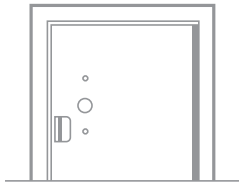
This Stainless Steel recessed cup is designed for safety, eliminating protrusion from front of locker. Can be used with built-in combination lock and portable pad locker.

SINGLE-POINT RECESSED HANDLE



This Stainless Steel handle has no moving parts, which requires low maintenance. Equipped with Anti-Pry Latch for added security.

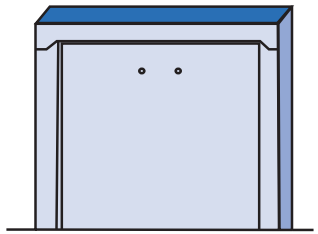
DOOR PULL



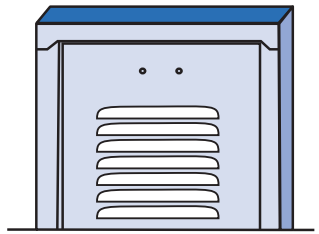
The door pull with a pad-lock hasp is the standard for all box lockers.

CREMONE HANDLE

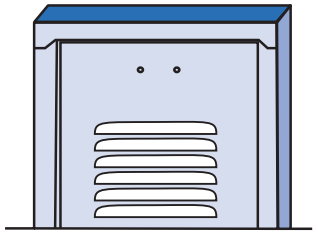
An unbreakable steel handle securely bolted to a three point latching system. 3/8” latching rod engages on top and bottom of door frame. 1/8” thick center latch locks center of door to frame.



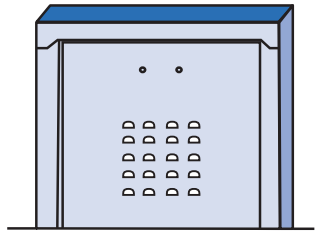
SOLID



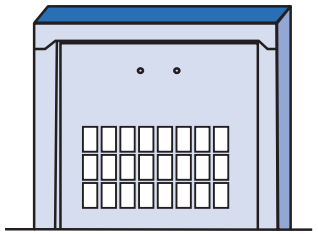
FULL LOUVERS



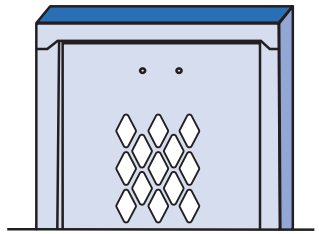
STANDARD LOUVERS



MINI LOUVERS



RECTANGLE PERFORATIONS



DIAMOND PERFORATIONS

PCM3 Received
Addendum #2
03/03/2025

LOCKS.

Discover our range of locker ventilation options designed to promote airflow and maintain optimal conditions for stored items. From diamond-perforated doors and sides to louvers and vented backs, our ventilation solutions ensure proper air circulation, preventing moisture buildup and unpleasant odors. Choose the ventilation style that best suits your needs and create a fresh and hygienic environment within your locker spaces.

BUILT-IN KEY LOCK

Available in flat key or grooved key models. Deadbolt construction. ADA Compliant.

PORTABLE COMBINATION LOCK

Available with and without master keying. 3 number dialing. Rust resistant.

DIGI LOCK

Can be locked with any 4 digit code. Electronic bypass key. Tamper guard. Usage indicator.

BUILT-IN COMBINATION LOCK

Master key controlled. Available with 5 combination changes for security year to year.

BLUETOOTH LOCK

Use your smartphone to open and manage your lock with the Master Lock® Vault System. Compatible with Master Lock Vault Home and Master Lock Vault Enterprise, it offers:

- Free apps for iOS and Android
- Monitor access history
- Locker Mode for secure storage
- Ideal for personal or business use
- No keys or combinations
- Backup access with directional code
- Low battery notification
- Easy CR2450 battery replacement

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03/03/2025

SLOPE TOPS.

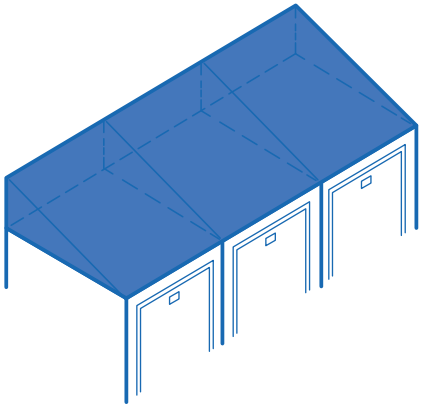
Slope tops are often favored over flat tops as they prevent the accumulation of dust and debris, discouraging the use of locker tops for storage. We offer three slope construction variations: Unit slope tops, Slope hoods, and Slope top kits (Stock converter for Standard Knock Down Series), providing versatile options for your needs.

UNIT SLOPE TOPS

Unit Slope Tops cover the width of one locker frame only. Lockers with Unit Slope Tops have sides with mitered top ends with a rise equal to 1/3 of the locker depth, plus longer backs that meet the rear edge of the slope top, Unit Slope Tops are used in place of the standard flat tops. (Not for use on Heavy Duty Series, Open Front Series or All Welded Series.)

Unit Slop Tops are available in the following width and depth:
9x12, 9x15, 9x18, 12x12, 12x15, 12x18, 12x21, 15x12, 15x15, 15x18, 15x21, 18x18, 18x21, 18x24, 24x18, 24x21 and 24x24.

Slope Top Kits are available in the following width, depth and height:
12x12x4, 12x15x4, 12x18x6, 15x15x5, 15x18x6 and 18x18x6.

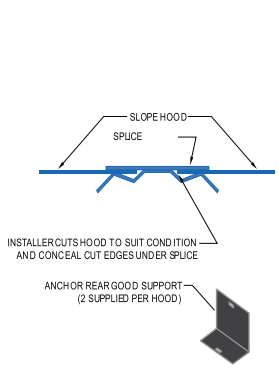


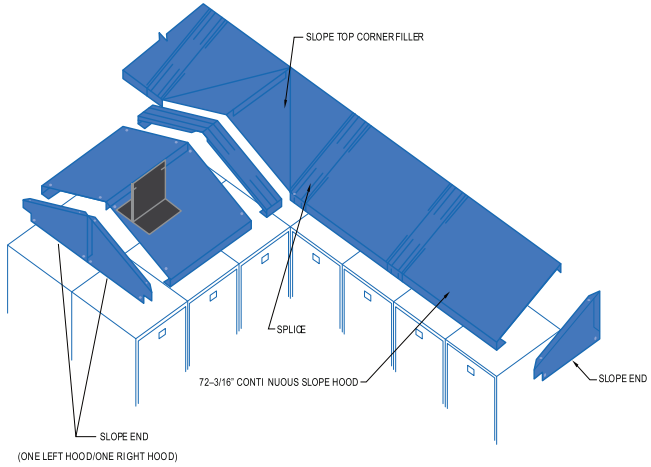
CONTINUSOUS SLOPE HOODS

Continuous Slope Hoods fit on top of flat top lockers. They can be used on new lockers, or on a retrofit basis. All hoods are furnished in 72” lengths and must be cut to length during installation. Intermediate splices, ends and rear supports (2 per hood) complete the installation, and must be ordered separately.

Slope Hoods are available in the following width, depths and heights: 72x12x5, 72x15x6, 72x18x7, 72x21x8, and 72x24x9.

Slope Ends and Hood Splice available in the following depths and heights: 12x5, 15x6, 18x7, 21x8 and 24x9.





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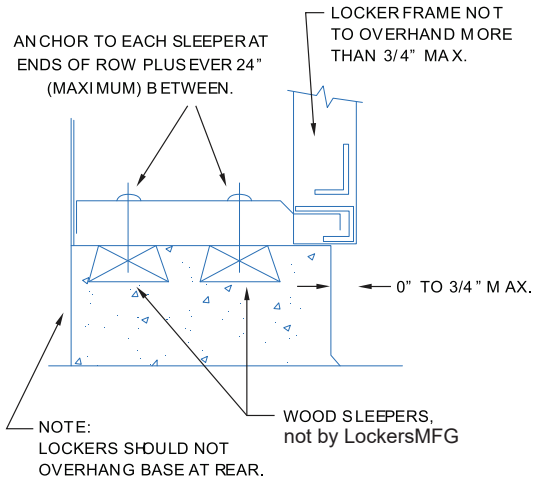
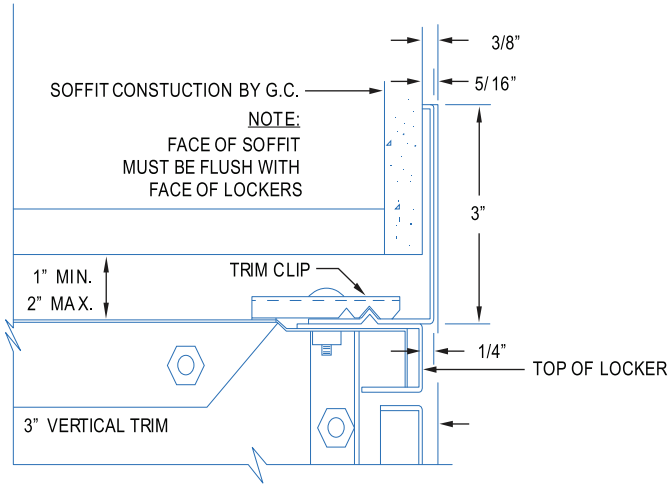
RECESS TRIM.

Recess Trim is 3” wide and bridges the gap between lockers and the wall and/or soffits when the lockers are recessed into a wall. Lockers must be anchored to base (base and wood to be completed by a general contractor.)

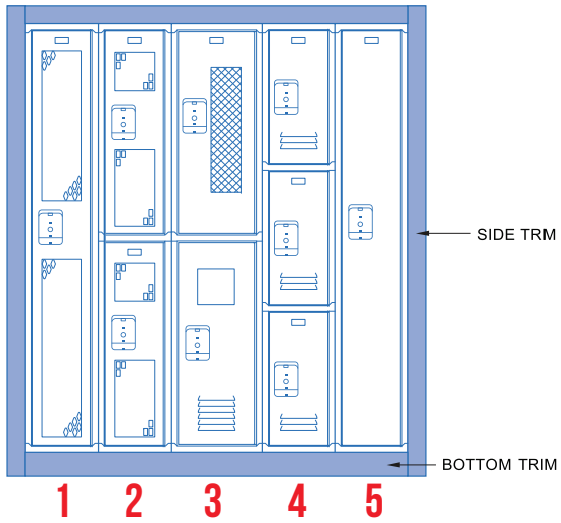
SIDE VIEW OF BASE & ANCHORS



SIDE VIEW OF TOP RECESSED TRIM

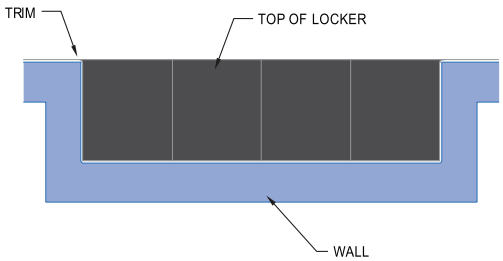


FRONT VIEW OF LOCKER WITH RECESSED TRIM

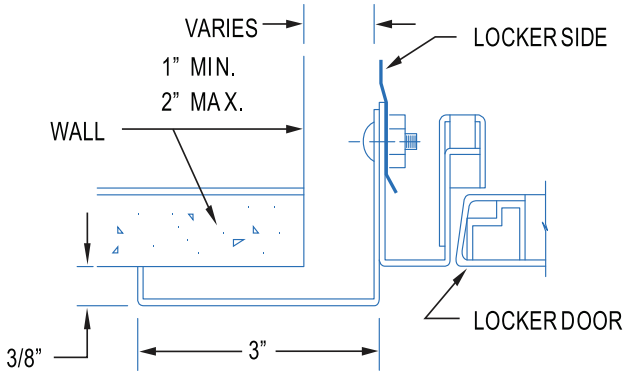


1. Competitive 1 - Tier with Diamond Perforations
2. Durable 2 - Tier with Visual Perforations
3. Fire Extinguisher / Waste Bin
4. Durable 3 - Tier with Louvers
5. Durable Plus 1 - Tier with Solid Doors

TOP VIEW OF A RECESSED LOCKER GROUPING



TOP VIEW OF 3” VERTICAL TRIM R.H.



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BASES.

Introducing our locker bases, available in two versatile options: individual closed bases and zee bases. Our individual closed bases offer sturdy support for each locker unit, ensuring stability and durability. Alternatively, our zee bases provide a sleek and modern aesthetic while maximizing airflow and ease of cleaning. Whether you prefer individual closed bases for a traditional look or zee bases for contemporary appeal, our bases are designed to complement any locker setup.

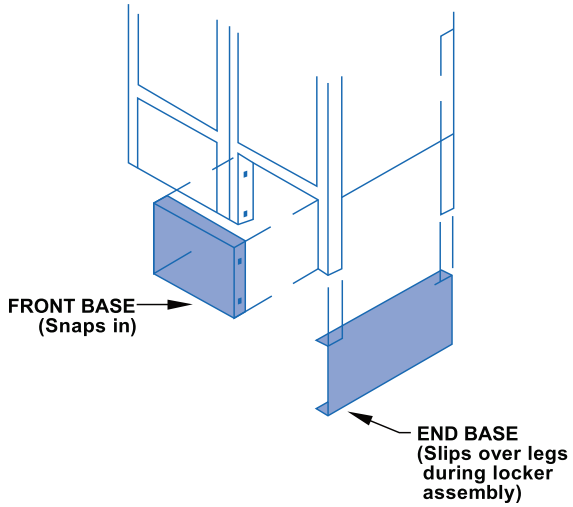
INDIVIDUAL CLOSED BASES

Front and End bases are designed to fit between standard Lockers Manufacturing 6” legs. They present a clean flush appearance and prevent the accumulation of dust and dirt under the lockers. (Not for use on All Welded lockers). Front base snaps in. End base slips over legs during locker assembly.

Closed bases are available in the following widths and heights:
9x6, 12x6, 15x6, 18x6 and 24x6

End bases single row are available in the following depths and heights: 12x6, 15x6, 18x6, 21x6 and 24x6

End bases double row are available in the following depths and heights: 24x6, 30x6 and 36x6



ZEE BASES

Zee bases raise lockers without 4” legs off the floor when there is no concrete or wood base. They provide a toe space in the front and a concealed flange for floor anchoring at the rear. A special 4” high rear leg can be ordered to simplify
installation. Also available for 6” high zee bases.

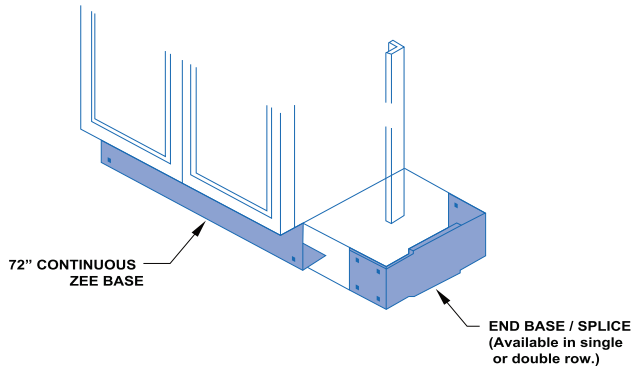
Zee bases are available only in 72” lengths, and may need to be cut to fit at the time of installation. Splices/End Bases are used at end of rows, and where the front sections join. (Not for use on All Welded lockers).

Front zee base is available in 72 x 4.

Splice/End Base Single Row is available in the following depths and heights:
2x4, 25x4, 18x4, 21x4 and 24x4

Splice/End Base Double Row is available in the following depths and heights:
30x4, 24x4 and 36x4

Zee Base Filler is available in a 4” height.
Rear leg for Zee Base is available in a 4” height.



PCM3 Received
Addendum #2
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COMPTON COLLEGE PE COMPLEX REPLACEMENT
ADDENDUM 2 CONSOLIDATED CHANGES NARRATIVES

SHEET N0.	DESCRIPTION
SPECIFICATIONS	
00 01 10 Table of Contents	Removed Sections 10 22 39 FOLDING PANEL PARTITIONS, 13 31 00 FABRIC STRUCTURE and 23 05 00 MODULAR CENTRAL PLANT from the project.
03 35 00 Concrete Finishing	Added an exterior sealer to Section and reference to 03 30 00 for finish of exterior concrete stairs, landings and platforms.
05 12 13 Architecturally-Exposed Structural Steel	Updated Section to clarify that AESS Category 4 is not used on this project.
13 11 06 - Swimming Pool Equipment	Strikethroughs removed.
32 31 22 Galvanized Chain Link Fencing	Updated Section to include Fabric Wind Barrier (FA-2)
32 33 13 Exterior Bicycle Racks and Lockers	Updated Section to include bicycle rack capacity.
CIVIL	
C1.01 - TITLE SHEET AND GENERAL NOTES	The Paving note on sheet C1.01 is revised to align with details and soils report.
ARCHITECTURAL	
A101A - PRACTICE COURTY LAYOUT	"NIC" removed from detail 19 after "Volleyball Post"
A103 - ROOF PLAN	Additional roof material tags added for clarity of location. Level 1 entrance canopy graphics added for clarity.
A111 - POOL AREA PLAN	Roof material tag added to Pool House roof for clarification.
A131 - LEVEL 1 FINISH PLAN	Keynote 15 updated to clarify FRP installation location
A132 - LEVEL 2 FINISH PLAN	Keynote 15 updated to clarify FRP installation location
A300A - EAST / SOUTH ELEVATIONS	FA-2 Material description revised.
A301A - NORTH / WEST ELEVATIONS	FA-2 Material description revised.
A412 - ENLARGED RR PLANS & ELEVATIONS	"By others" removed after "Swimsuit dryer location" on elevations 3 & 5
A711 - DETAILS - NORTHEAST BENCH	Detail 5 graphics revised to show correct bike rack size.
A803 - EXTERIOR DETAILS	Notes added to details 1 & 2 regarding sheet metal flashing.
A905 - INTERIOR DETAILS	"(By Others)" text removed from details 22, 23, & 24.
CURTAIN WALL	
CW0.01 - COVER PAGE	Door types A and B labels corrected to match Architectural drawings. No change to scope
CW3.34 - AF450 INTERIOR ELEVATION	Door 205 revised to match Architectural drawings (Solid wood door w/ alum. Frame)
CW5.21 - ULT5920 PLAN DETAILS	"By Others" replaced with "By GC" on details 1 & 3.
LOW VOLTAGE	
LV102 - LOW VOLTAGE - LEVEL 2 FLOOR PLAN	Emergency communication system (note 12) added. Callout added at Stair #2 landing.
LV101 - LOW VOLTAGE - LEVEL 1 FLOOR PLAN	Exterior WAP's added
LV101P - LOW VOLTAGE -POOL AREA PLAN	Exterior WAP added to pool building.
POOL	
SP.3 - SWIMMING POOL UNDERWATER LIGHT / TIMING SYSTEM PLAN	"By Others" revmoved after "ethernet drop". Within GC scope.

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SECTION 00 01 10 - TABLE OF CONTENTS

PROJECT TITLE PAGE

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

00 01 07 SEALS PAGE
00 01 10 TABLE OF CONTENTS
00 11 13 NOTICE CALLING FOR BIDS (to be provided by College)
00 21 13 INSTRUCTIONS FOR BIDDERS (to be provided by College)
00 41 00 BID PROPOSAL (to be provided by College)
00 43 24 PRE-BID INQUIRY FORM (to be provided by College)
00 43 36 SUBCONTRACTORS LIST (to be provided by College)
00 45 10 VERIFICATION OF CONTRACTOR & SUBCONTRACTOR DIR REGISTRATION (to be provided by College)
00 45 13 STATEMENT OF QUALIFICATIONS (to be provided by College)
00 45 19 NON-COLLUSION AFFIDAVIT (to be provided by College)
00 45 26 CERTIFICATE OF WORKERS COMPENSATION INSURANCE (to be provided by College)
00 45 27 DRUG-FREE WORKPLACE CERTIFICATION (to be provided by College)
00 52 00 AGREEMENT (to be provided by College)
00 61 00 BID BOND (to be provided by College)
00 61 13 PERFORMANCE BOND (to be provided by College)
00 61 14 LABOR AND MATERIAL PAYMENT BOND (to be provided by College)
00 62 90 VERIFICATION OF CERTIFIED PAYROLL RECORDS SUBMITTAL TO LABOR COMMISSIONER (to be provided by College)
00 65 36 GUARANTEE FORM (to be provided by College)
00 65 37 CONTRACTOR CERTIFICATION OF SUBCONTRACTOR CLAIMS (to be provided by College)
00 72 00 GENERAL CONDITIONS (to be provided by College)
00 73 00 SPECIAL CONDITIONS (to be provided by College)

DIVISION 01 - GENERAL REQUIREMENTS (By College)

01 01 00 SUMMARY OF WORK (to be provided by College)
01 21 00 ALLOWANCES
01 23 00 ALTERNATES (to be provided by College)
01 25 00 CONTRACT MODIFICATION PROCEDURES (to be provided by College)
01 29 00 PAYMENT PROCEDURES (to be provided by College)
01 30 40 POST BID INTERVIEW (to be provided by College)
01 30 50 CONSTRUCTION PROCEDURES MANUAL (to be provided by College)
01 31 00 PROJECT COORDINATION (to be provided by College)
01 32 00 ACCELERATION OF WORK (to be provided by College)
01 33 00 SUBMITTAL PROCEDURES (to be provided by College)
01 35 10 ALTERATION PROJECT PROCEDURES (to be provided by College)
01 42 00 REFERENCES (to be provided by College)
01 43 80 WORK PLAN AND MILESTONE SCHEDULE (to be provided by College)
01 45 00 QUALITY CONTROL (to be provided by College)
01 45 25 TESTING, ADJUSTING, AND BALANCING FOR HVAC
01 50 00 TEMPORARY FACILITIES AND CONTROL
01 57 23 STORM WATER POLLUTION CONTROL
01 62 00 PRODUCT OPTIONS (to be provided by College)
01 63 00 PRODUCT SUBSTITUTION PROCEDURES (to be provided by College)
01 70 00 CLEANING (to be provided by College)
01 72 20 FIELD ENGINEERING (to be provided by College)

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01 73 20 CUTTING AND PATCHING (to be provided by College)
01 74 00 WARRANTIES AND GUARANTEES (to be provided by College)
01 77 00 CLOSEOUT PROCEDURES (to be provided by College)
01 78 20 PROJECT RECORD DOCUMENTS (to be provided by College)
01 78 50 OPERATING AND MAINTENANCE DATA (to be provided by College)
01 81 00 COMMISSIONING (to be provided by College)

DIVISION 02 – EXISTING CONDITIONS

02 41 13 SITE DEMOLITION

DIVISION 03 - CONCRETE

03 10 00 CONCRETE FORMING ACCESSORIES
03 20 00 CONCRETE REINFORCING
03 30 00 CAST-IN-PLACE CONCRETE
03 35 00 CONCRETE FINISHING
03 35 43 POLISHED CONCRETE FINISH
03 35 53 INTERIOR CONCRETE FLOOR SEALER
03 54 16 SELF-LEVELING CEMENTITIOUS UNDERLAYMENT

DIVISION 04 – MASONRY

04 22 00 CONCRETE UNIT MASONRY

DIVISION 05 - METALS

05 05 12 HOT DIP GALVANIZING
05 12 00 STRUCTURAL STEEL FRAMING
05 12 13 ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
05 12 19 BUCKLING RESTRAINED BRACES
05 30 00 METAL DECKING
05 41 00 COLD-FORMED STEEL FRAMING
05 43 00 SLOTTED CHANNEL FRAMING
05 50 00 METAL FABRICATIONS
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SECTION 03 35 00 - CONCRETE FINISHING

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes:

1. Finishing formed decorative concrete surfaces and interior concrete flatwork.
2. This Section Supplements Section 03 30 00.

B. Related requirements:

1. Other Section of Division 03 for finishing concrete surfaces.
2. Division 07 for sealants.
3. Division 32 for finishing Portland cement concrete pavement outside building perimeter is specified in Section.

1.2 SUBMITTALS

A. Data: Manufacturer Product Data, including installation instructions where applicable, for the following items.

1. Curing and curing/hardening compounds.
2. Curing paper.
3. Bonding agents.
4. Patching and surfacing compounds.
5. Abrasive aggregates.
6. Control joint filler.
7. Concrete wall polishing equipment and operator qualifications.

1.3 QUALITY ASSURANCE

A. Installer qualifications: Qualified installer who employs on Project personnel qualified as ACI-certified Flatwork Technician and Finisher and a supervisor who is an ACI-certified Concrete Flatwork Technician.

B. Field Samples: Provide 4-foot by 4-foot Field Samples of each concrete finish specified for the Architect's approval prior to commencing concrete work. Repeat sample panels if first ones prove unsatisfactory. Locate Field Samples where directed at the site.

1. Broom, float and trowel finishes: CONC-4, and CONC-5
2. Abrasive Blast finishes; CONC-3A, and CONC-6 A.

1.4 HANDLING/PROJECT CONDITIONS

A. Protect adjacent surfaces from staining and damage by covering them with impermeable coverings securely taped in place.

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PART 2 - PRODUCTS

2.1 CONCRETE MATERIALS

A. As specified in Section 03 30 00.
B. Water: Fresh, clean, and free of oil and other materials injurious to concrete.

2.2 CURING COMPOUNDS

A. General: See Section 03 30 00 for Curing requirements.

2.3 MISCELLANEOUS MATERIALS

A. Bonding agent (non-structural)): ASTM C 1059, Type II, non-redispersible, acrylic emulsion or styrene butadiene, Acryl-Bond by Atlas Tech Products or equal.
B. Skim coat: Use the following in lieu of sacking.

1. Ardex Tilt Wall Patch.
2. Rapid Set UnderFixx or Wunderfixx.
3. Euclid Chemicals Tammscrete.
4. WR Meadows Speed Crete.Noxcrete Panel Patch.
5. Joint filler: Homex Expansion Joint by Homasote Co. or equal non-bituminous product compatible with sealant specified in Section 07 92 00. Use in combination with plastic joint cap made by Greenstreak or equal.
6. Joint sealant and back-up rod: As specified in Section 07 92 00.

~~6.~~C. Exterior Concrete Sealer: Equal to Pentreat 244-100 Water-Repellant Penetrating Sealer by WR Meadows.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Joints in flatwork:

1. Set premolded expansion joint strip below finished surface with a slightly tapered, dressed, wood strip, temporarily secured to top of expansion strip to provide space for sealant, or use an extruded plastic strip, approved by the Architect.
2. Install expansion joints in straight or curved lines as indicated within a tolerance not exceeding 1/4-inch in 10 feet.
3. After concrete finishing operations are completed, and concrete is cured, fill void formed by the strip with sealant as specified in Section 07 92 00. Provide joints where indicated and in all cases where concrete flatwork abuts vertical elements such as walls, columns and curbs.

3.2 GENERAL REQUIREMENTS

A. Finish concrete surfaces to produce a uniform appearance throughout area involved and throughout adjacent areas with the same treatment.
B. Where concrete finishing occurs adjacent to finished metal and similar surfaces, particularly where serrated or indented surfaces occur, remove all traces of cement film before allowing concrete to harden.

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C. Use no troweling machines within 12 inches of electrical junction and outlet boxes set to finish flush with concrete floors.

1. Float and trowel such areas by hand with wood floats and steel trowels, using caution so that concrete is finished flush with box cover and matches adjacent surfaces.

D. Concrete stairs:

1. As soon as concrete is set up sufficiently to permit working, remove riser forms and finish treads and risers in a continuous operation, working from top to bottom.
2. Slope treads 1/8-inch from base of riser to nosing, run nosings straight and level to template.
3. Finish nosings and coves at junction of treads and vertical surfaces to a uniform profile throughout. Where abrasive nosings are indicated, embed them in the fresh concrete, level and centered on the tread.

E. Concrete finish will be considered defective and shall be repaired, when the repairs are acceptable to the Architect, or removed and replaced with proper work conforming to Contract Documents, at no additional cost to Owner, when:

1. It does not match approved sample panels.
2. It is not true to lines and planes.
3. It is not properly troweled and surfaced as required, and varies in excess of tolerances specified.
4. Is scuffed or has a rough surface, except where required.
5. Does not connect properly to adjoining work.
6. Does not slope consistently to drains (has bird baths).
7. Is not properly cured.

3.3 MARKINGS

A. At control joints and elsewhere as indicated, provide markings with a rounded edging or marking tool, to a 1/4-inch radius. In textured work, edge and mark with a combination edging and smoothing tool approximately 1-1/2-inch wide.
B. Make markings within a tolerance not exceeding 1/4-inch in 10 feet.
C. Where indicated, provide cut markings sawn into surface of cured concrete. Coordinate this work with the work of other Sections to avoid damage to adjacent surfaces.
D. Complete sawcutting within 16 hours after casting.
E. Use sawcutting equipment specifically designed to cut 1/8-inch wide joints crisp, sharp, unchipped edges in newly cast concrete. Use cutting machine with a high speed (10,000 rpm minimum), self propelling without forcing the speed, with a 4-inch blade specially made for green concrete. Equipment and blades made by Soff-Cut Corp., Corona, CA, or equal that will provide similar results.
F. Make marking lines straight, or curved where required by the Drawings, equally spaced and parallel to adjacent lines and walls, edges and other construction, and of uniform depth and cross section, with intersections accurately formed. Continue markings to vertical surfaces interrupting the flatwork.

3.4 BUILT-IN ITEMS

1. Set items furnished under this or other Sections and finish to floor fixtures and other floor features as indicated. Adjust finish to properly connect and fit to other work. Slope floor to drain where indicated.
2. Floor drains and other items furnished and installed under other Sections: Finish concrete surface flush with rims unless detailed otherwise.

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3. Exercise particular care with respect to drains to ascertain that they are installed at proper elevations to permit drainage. Do not proceed until corrective work is performed and accepted.

3.5 FINISHING FORMED SURFACES

A. General:

1. Remove fins, laitance and loose materials from concrete surfaces when forms are removed.
2. Repair honeycombs, rock pockets, sand runs, spalls and other damaged surfaces by removing the damaged or unsatisfactory area to sound concrete, with slightly undercut edges, and filling-in with the same mix as the adjacent concrete minus the coarse aggregate.
3. Fill-in tie holes with the same mix as the adjacent concrete minus the coarse aggregate.
4. Tamp and float, or trowel patches flush with adjacent surface and to match adjacent concrete texture.
~~4.~~ 5. See Section 03 30 00 Cast-in-Place Concrete for finish on exterior concrete stairs, landings and elevated decks.

B. Rough form finish:

1. Provide as-cast rough form finish to formed concrete surfaces that will be concealed in the finish work or by other construction, unless otherwise indicated.
2. Standard rough form finish shall be concrete surface having the texture imparted by the form facing material used, with tie holes and defective areas repaired and patched, and fins and other projections exceeding 1/4-inch high rubbed down or chipped off.

C. Smooth form finish:

1. Provide as-cast smooth form finish for formed concrete surfaces that will remain exposed-to-view, or that will be covered with a material applied directly to the concrete, or a material bonded to the concrete such as waterproofing, painting, and similar system.
2. Select form material to impart a smooth, hard, uniform texture and arrange forms in an orderly and symmetrical pattern, with a minimum of seams.
3. Repair and patch defective areas with fins or other projections completely removed and smooth.

D. Smooth rubbed finish:

1. Provide smooth rubbed finish to concrete surfaces so indicated, not later than the day after form removal.
2. Moisten concrete surfaces and rub with carborundum brick or other abrasive until a uniform color and texture is produced.
3. Do not apply cement grout other than that created by the rubbing process.

E. Grout cleaned finish: This finish may be indicated as “Sack and Rub” on the Drawings.

1. See Section 03 30 00 paragraph 3.07 B.
2. In lieu of the above, Contractor may skim coat concrete surfaces using one of the premixed material specified above, after providing a satisfactory sample panel in a location acceptable to the Architect.

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F. Related unformed surfaces:

1. At tops of wall, horizontal offsets, and similar unformed surfaces occurring adjacent to formed surfaces, strike off smooth and finish with textured matching the adjacent formed surfaces.
2. Continue the final surface treatment of formed surfaces uniformly across the adjacent unformed surface, unless otherwise shown.

G. Abrasive blasting (sandblasting):

1. See CONC-3A and CONC-6 on Sheet A610.
2. See Section 03 30 00 paragraph C.
3. Sandblast accent paving panels indicated on the Drawings to expose fine aggregates with occasional exposure of coarse aggregate for a 1/16-inch aggregate exposure.
4. Protect corners with boards when sandblasting so that they remain sharp.
5. Remove loose aggregates, after desired exposure is achieved, with clean air under pressure.

H. Curing:

1. Wet the tops and exposed portions of formed concrete and keep moist until forms are removed.
2. If forms are removed before 14 days after concrete is cast, coat concrete with curing compound Type II applied as specified for curing compound Type III for flatwork below.

3.6 COMPACTING AND FLOATING FLATWORK

A. Bring slabs with monolithic finish to proper level using screeds and strike off with a straightedge. Remove excess water and laitance.

1. Compact and consolidate to embed coarse aggregates.
2. Float and test surfaces with a 10-foot straightedge and eliminate high and low spots to comply with tolerances specified.
3. From this point, use methods and tools necessary to produce surface finish specified.

B. Use continuous screeds of such type and construction and so spaced and located as to produce surface tolerances specified.

3.7 CURING - GENERAL

A. Protect freshly placed concrete from premature drying and excessive cold or hot temperatures. Comply with ACI 306.1 for cold-weather protection and ACI 301 for hot-weather protection during curing.

B. Where supplementary cementitious materials are used, take extra precautions to prevent premature drying. Where fly-ash replacement is 35% or higher, floor slabs shall receive at least a 3-day moist cure before application of a curing compound. Other surfaces with the exception of foundations shall receive the approved curing compound immediately after removal of formwork.

3.8 METHODS OF FINISHING AND CURING FLATWORK

A. See Section 03 30 00 PART 3.

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3.9 MOISTURE CONTROL

A. In addition to finishing requirements specified, use a water fog spray to reduce plastic shrinkage cracks during flatwork finishing operations when conditions of low humidity and high temperature exist, or use evaporation retarder specified.

1. Immediately after wet concrete has been leveled, or sloped as required, and the shiny film of moisture disappears, start fog spraying and continue until final troweling, by applying a light film of moisture with an atomizing type sprayer.
2. Use frequent light applications of moisture rather than excessive amounts at any one time. Adjust the amount and frequency of fog spray as required by variable conditions of weather, wind, temperature and humidity.

3.10 SEALER

A. Apply sealer to exterior stairs, platforms and landings in accordance with manufacturer's written instructions.

~~3.10~~3.11 FLATWORK FINISHES

A. Integral float finish:

1. Use for curbs, gutters, surfaces to receive roofing and waterproofing membrane, and ceramic and paver tile whether on conventional setting bed over a cleavage membrane or dry-set over concrete slab.
2. After screeding and compacting, finish with a wood float using a rotary or darbied circular motion to produce a uniform texture and finish throughout.

B. Integral smooth steel trowel finish:

1. Use for surfaces to receive carpet, resilient flooring, and surfaces that have no other specific finish specified.
2. Trowel surface until the slabs are finished to a smooth, hard, burnished surface.
3. Consolidate the concrete surface by final hand troweling operation, free of trowel marks, uniform in texture and appearance, and with surface plane tolerance specified. Grind smooth surface defects that would telegraph through applied floor covering system.
4. Where surfaces will receive elastomeric coating and thin set tiles, in lieu of the final troweling, brush surface lightly with a broom or floor brush as recommended by the coating manufacturer. Coordinate finishing operations with the trades applying the elastomeric coating and performing the tile work.

C. Raked or scratched finish:

1. Use for surfaces to receive a bonded topping slab or cementitious setting bed.
2. After screeding and compacting, roughen finish with a garden rake or other appropriate tool to provide a mechanical bond for topping slabs.

D. Trowel and Fine-Broom Finish: Apply a first trowel finish to surfaces indicated on Drawings where ceramic or quarry tile is to be installed by either thickset or thinset method. While concrete is still plastic, slightly scarify surface with a fine broom perpendicular to main traffic route.

1. Coordinate required final finish with Architect before application.
2. Comply with flatness and levelness tolerances for trowel-finished floor surfaces.

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E. Broom finish, CONC-5:

1. See Section 03 30 00 paragraph 3.07 G
2. After screeding, compacting and floating, sweep the finish with a coarse broom, against a straightedge at right angle to the slope or direction of travel, to produce a uniform non-skid surface with the depressions parallel and at a uniform depth.
3. Time this operation to texture slabs at the same age to obtain a uniform finish throughout.
4. Provide a heavy broom finish at the Pool House Restrooms.

F. Abrasive aggregate finish:

1. Apply abrasive aggregates after first troweling, at uniform rate of not less than 25 lb./100 sq.-foot.
2. After second troweling rub surface of concrete with steel wool pads to remove cement film and expose the aggregates uniformly, or treat surface with a 10 percent solution of muriatic acid.
3. Wash the acid completely from the concrete after treatment and dispose of it legally

~~3.11~~3.12 CONCRETE SAW CUTTING

A. Discharge of water, dust or debris from concrete saw cutting to storm or sanitary systems is prohibited. Protect storm and sanitary drains from clogging by dust and debris.

1. Contain and collect water used in concrete saw cutting and sweeping for proper disposal. Suggested controls include wet vacuum and/or absorbents.
2. Use good housekeeping practices at the jobsite. Minimize dust.

~~3.12~~3.13 ADJUSTING/CLEANING

A. Protect exposed concrete work as necessary to prevent damage resulting from impact or from subsequent work or rubbish.
B. Protect adjacent work from damages by this work with heavy Kraft paper or polyethylene film.
C. Maintain protection in effective condition for as long as need for protection exists.
D. Control use of water within the building so that no damage to previously installed work or existing structures and finish occurs.

~~3.13~~3.14 FIELD QUALITY CONTROL

A. Conduct a water test, in the Architect's presence to verify that flatwork drains away from the building and that water flows to drains.
B. Correct non-conforming concrete, or remove and replace defective paving, to the Architect's satisfaction.
C. Except as specified, acceptance of structure for dimensional tolerances, appearance, and strength will be based on ACI-301, Chapter 18.

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SECTION 05 12 13 - ARCHITECTURALLY-EXPOSED STRUCTURAL STEEL

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes:

1. Requirements regarding the appearance and surface preparation of Architecturally Exposed Structural Steel (AESS).
2. Preparation and priming of AESS.
3. Unless otherwise indicated, this Section applies to all structural steel members and their connections that will remain exposed in the Work.

B. Related requirements:

1. Division 05 for the following:

a. Refer to Section 05 12 00 for all other requirements regarding steel work (including concealed structural steel) not included in this Section.
b. Section 05 30 00 for steel decking.
c. Loose steel-bearing plates and miscellaneous steel framing.

2. Finish coat requirements and coordination with primer and surface preparation specified in this Section 09 96 00.

1.2 REFERENCES

A. AISC Code of Standard Practice for Steel Buildings and Bridges, current edition.

1.3 ADMINISTRATIVE REQUIREMENTS

A. Scheduling and sequencing: Coordinate requirements for shipping, special handling, attachment of safety cables and temporary erection bracing, touchup painting, and other requirements for AESS.
B. Pre-installation meeting:

1. Prior to start of installation schedule a pre-installation meeting between the fabricator authorized representative, the Contractor, the installer for the work of this Section, and the Architect, to review supports to receive this work, adjacent work, the Drawings, and the Specifications.
2. Review the following:

a. Submittals.
b. Surface preparation and protection.
c. Installation procedures.
d. Sequencing and installation priority for the work of this Section and those of adjacent materials.
e. Inspection, testing, protection and repair procedures.

3. Record meeting minutes and distribute PDF copy to all concerned, including the Architect, within 48 hours of the meeting.

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1.4 SUBMITTALS

A. Data: Manufacturer Product Data for products specified, except steel.
B. Shop Drawings:

1. Erection Drawings clearly indicating which members are considered AESS.
2. Provide connections for exposed AESS consistent with the details on the Drawings.
3. Indicate welds by standard AWS symbols, distinguishing between shop and field welds, and show size, length and type of each weld. Identify grinding, finishing and profile of welds as defined below.
4. Indicate type, size, finish, and length of bolts, distinguishing between shop and field bolts. Identify high-strength bolted slip-critical, direct-tensioned shear/bearing connections. Unless otherwise noted, all bolt heads in the Work shall be oriented in the same direction.
5. Indicate which surfaces or edges will be exposed in the Work and what class of surface preparation will be used.
6. Indicate special tolerances and erection requirements noted on the Drawings or defined herein.

C. Qualifications: Data for firms and persons specified in the “Quality Assurance” Article to demonstrate their capabilities and experience. Include lists of completed projects names and address, names and addresses of architects and owners, and other information specified.

1.5 QUALITY ASSURANCE

A. Fabricator qualifications: In addition to those qualifications listed in Section 05 12 00, engage a firm experienced in fabricating AESS similar to that indicated for this Project with a record of successful in-service performance.
B. Erector qualifications: In addition to those qualifications listed in Section 05 12 00, engage an experienced erector who has completed AESS work similar in material, design, and extent to that indicated for this Project and with a record of successful in-service performance.
C. Standard: Comply with Section 10, AISC Code of Standard Practice, as amended below.

1.6 HANDLING

A. Handling:

1. Erect pre-painted finish pieces using padded slings or other methods such that they are not damaged.
2. Provide padding to protect while rigging and aligning members frames.
3. Weld tabs for temporary bracing and safety cabling only at points concealed from view in the completed structure or where approved by the Architect during the pre-installation meeting acceptable methods of removing temporary erection devices and finishing the AESS.

B. Storage:

1. Store materials to permit easy access for inspection and identification.
2. Keep steel members off ground by using pallets, platforms, or other supports.
3. Protect steel members and packaged materials from erosion and deterioration.
4. Use special care in handling to prevent twisting or warping of AESS members.

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1.7 PROJECT CONDITIONS

A. Where AESS is indicated to fit against walls and other construction, verify dimensions by field measurements before fabrication and indicate measurements on shop drawings. Coordinate fabrication schedule with construction progress to avoid delaying the work.

PART 2 - PRODUCTS

2.1 MATERIALS

A. General: As specified in Section 05 12 00, except as amended below.
B. High-strength bolts, nuts, and washers: As specified in Section 05 12 00 heavy hex heads and nuts. Provide standard carbon steel mechanically galvanized finish.

2.2 PAINT

A. Shop-applied organic zinc-rich primer for exterior steel: “Tneme-Zinc 90-97” by Tnemec Co., or equal.
B. Primer for all other steel to be primed: “10-99” or “Unibond” by Tnemec Co., or equal.
C. Field-applied galvanizing repair (zinc-rich) paint: “94-H20 Hydro-Zinc” by Tnemec Co., or equal.

2.3 FABRICATION

A. Fabricate, prefit and assemble AESS in the shop to the greatest extent possible to comply with SEAC/RCSCA “Architecturally Exposed Structural Steel” standard Category 1, Category 2 and Category 3 as specified below.
B. Locate field joints in AESS assemblies as indicated and accepted on Shop Drawings.
C. Detail AESS assemblies to minimize field handling and expedite erection.
D. Fabricate AESS with exposed surfaces smooth, square and of surface quality consistent with the approved mockups.
E. Use special care in handling and shipping of AESS both before and after shop priming or painting.
F. In addition to special care used to handle and fabricate AESS, employ the following fabrication techniques:

1. Fabrication tolerance: One-half the normal tolerances specified in the AISC Code of Standard Practice Section 10.
2. Welds: Grind welds of AESS smooth. For groove welds, the weld shall be made flush to the surfaces each side and be within plus 1/16-inch, minus 0-inch of plate thickness.
3. Contouring and blending of welds: Where fillet welds are indicated, ground-contour or blend oversize welds as required and grind to provide a smooth transition and to match profile on approved mockups.
4. Continuous welds: Provide continuous welds of uniform size and profile.
5. Minimize weld show through: Where welding on the far side of an exposed connection occurs, grind distortion and marking of the steel to a smooth profile with adjacent material.
6. Coping and blocking tolerance: Maintain a uniform gap of 1/8-inch (plus or minus 1/32-inch) at copes and blocks.
7. Joint gap tolerance: Maintain a uniform gap of 1/8-inch plus or minus 1/32-inch.
8. Piece marks hidden: Fabricate such that piece marks are fully hidden in the final structure or made with such media to permit full removal after erection.
9. Mill mark removal: Deliver steel with no mill marks (stenciled, stamped, raised etc) in exposed locations. Omit mill marks by cutting mill material to appropriate lengths where

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possible. Where not possible, fabricator can fill and/or grind to a surface finish consistent with the approved mockups.

10. Grinding sheared edges: Grind edges of sheared, punched or flame-cut steel to match approved mockups.
11. Seal weld open ends of round and rectangular hollow structural section with 3/8-inch closure plates. Provide continuous, sealed welds at angle to gusset-plate connections and similar locations where AESS is exposed to weather.

G. Galvanizing: As specified in Section 05 50 00.
H. Shop priming: As specified in Section 09 96 00 and compatible with finish coats also specified in Section 09 96 00.

2.4 SHOP CONNECTIONS

A. Bolted connections: Make in accordance with Section 05 12 00. Provide bolt type and finish as specified herein and align bolt heads as indicated on the approved shop erection drawings.
B. Welded connections: Comply with AWS D1.1 and Section 05 12 00. Appearance and quality of welds shall be consistent with the mockups. Assemble and weld built-up sections by methods that will maintain alignment of members without warp exceeding the tolerance of this Section.

2.5 PREPARATION PRIOR TO PRIMING

A. As specified in Section 09 96 00.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine governing dimensions and conditions at the site before starting erection.
B. Verify the location and elevation of anchor bolts and concrete surfaces supporting steel to verify that they meet the following tolerances:

1. Elevation of concrete surfaces: Plus 3/8-inch.
2. Elevation top of anchor bolts: Plus one-inch, minus 3/8-inch.
3. Out-of-position of anchor bolts: Plus 1/8-inch.

C. Check AESS members upon delivery for twist, kinks, gouges or other imperfections which might result in rejection of the appearance of the member. Coordinate remedial action with fabricator prior to erecting steel or return the damaged components and replace with new ones.
D. Correct conditions that would prevent proper and timely completion of this work before proceeding with erection.

3.2 PREPARATION

A. Provide connections for temporary shoring, bracing and supports only where noted on the approved shop drawings.
B. Make temporary connections not indicated at concealed locations in the final structure, or as approved by the Architect.
C. Handle, lift and align pieces using padded slings and/or other protection required to maintain the appearance of the AESS through the process of erection.

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3.3 ERECTION

A. Set AESS accurately in locations and to elevations indicated, and according to AISC specifications referenced in this Section.
B. In addition to the special care used to handle and erect AESS, employ the following erection techniques:

1. AESS erection tolerances: In accordance with Chapter 10 of the AISC Code of Standard Practice.
2. Welds: Grind welds smooth in the connections of AESS members.
    a. For groove welds, the weld shall be made flush to the surfaces of each side and be within plus 1/16-inch, minus 0-inch of plate thickness.
3. Contouring and blending of welds: Fillet welds shall be ground contoured, or blended. Grind to provide a smooth transition and to match profile on approved mockup.
4. Continuous welds: Provide continuous welds of a uniform size and profile.
5. Minimize weld show-through: Where welding on the far side of an exposed connection occurs, grind distortion and marking of the steel to a smooth profile with adjacent material.
6. Bolt head orientation: Install all bolt heads in the same direction as accepted on the shop drawings.
7. Removal of field connection aids:
    a. Run-out tabs, erection bolts and other steel members added to connections to allow for alignment, fit-up, and welding in the field shall be removed from the structure.
    b. Select field groove welds to eliminate the need for backing bars or to permit their removal after welding.
    c. Remove welds at run-out tabs to match adjacent surfaces and ground smooth.
    d. Plug weld holes for erection bolts and grind smooth and flush with adjacent surfaces.
8. Filling of weld access holes:
    a. Where holes must be cut in the web at the intersection with flanges on W shapes and structural tees to permit field welding of the flanges, they shall be filled flush with adjacent surfaces.
    b. Filling shall be executed with proper procedures to minimize restraint and address thermal stresses in group 4 and 5 shapes.

C. Field welding: Weld profile, quality, and finish shall be consistent with mockups approved prior to fabrication.
D. Splice members only where indicated.
E. Obtain permission for torch cutting or field fabrication from the Architect. Finish sections thermally cut during erection to a surface appearance consistent with the mockup.
F. Do not enlarge unfair holes in members by burning or by using drift pins. Ream holes that must be enlarged to admit bolts. Replace misaligned connection plates where holes cannot be aligned with acceptable final appearance.

3.4 FIELD CONNECTIONS

A. Bolted connections: Install bolts of the specified type and finish as specified in Section 05 12 00.

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B. Welded connections: Comply with AWS D1.1 for procedures, and appearance. Refer to Section 05 12 00 for other requirements.

1. Assemble and weld built-up sections by methods that will maintain true alignment of axes without warp. Verify that weld sizes, fabrication sequence, and equipment used for AESS will limit distortions to allowable tolerances.
2. Obtain Architect's approval for appearance of welds in repaired or field modified work.

3.5 FIELD QUALITY CONTROL

A. Structural requirements: The Owner will engage an independent testing and inspecting agency to perform field inspections and tests and to prepare test reports. Refer to Section 05 12 00 for detailed bolt and weld testing requirements.
B. AESS acceptance: The Architect will review the AESS in place and determine acceptability based on the accepted mockups.

3.6 ADJUSTING AND CLEANING

A. Touchup: Cleaning and touchup painting of field welds, bolted connections, and abraded areas of shop paint shall blend with the adjacent surfaces of AESS. Perform touchup work in accordance with the paint manufacturer's instructions as specified in Section 09 96 00.
B. Galvanized surfaces: Clean field welds, bolted connections, and abraded areas and repair galvanizing to comply with ASTM A 780.

3.7 AESS FINISH SCHEDULE

A. AESS Category 1, Basic Elements:

1. Surface Preparation to SSPC-SP6.
2. Sharp edges ground smooth.
3. Continuous weld appearance.
4. Standard structural bolts.
5. Weld spatters removed.

B. AESS Category 2, Feature Elements not in close view, greater than 20-feet from view:

1. Comply with AESS Category 1, basic elements, and the following:

a. Visual samples, if requested.
b. One-half standard fabrication tolerances.
c. Fabrication marks not apparent.
d. Welds uniform and smooth.

C. AESS Category 3, Feature elements in close view, 20-feet or less from view:

1. Comply with AESS Category 1 and 2 elements, and the following:

a. Mill marks removed.
b. Butt and plug welds ground smooth and filled.
c. HSS weld seam oriented for reduced visibility.
d. Cross sectional abutting surface aligned.
e. Joint gap tolerances minimized.
f. All welded connections, optional.

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D. AESS Category 4, Showcase Elements, ~~where specifically identified on Drawings~~ Not used:

1. Comply with AESS Category 1, 2 and 3 elements, and the following:

   a. HSS seam not apparent.
   b. Welds contoured and blended.
   c. Surfaces filled and sanded.
   d. Weld show-through minimized.

END OF SECTION

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SECTION 13 11 06 - SWIMMING POOL EQUIPMENT

PART 1 - GENERAL

1.1 WORK INCLUDED

A. Supply and install pool equipment items as required for this Work as indicated on the Drawings and specified herein.

1.2 QUALITY ASSURANCE

A. All Work of this Section shall be performed or supervised by the Swimming Pool Subcontractor.

B. Qualifications of Workers:

1. The contractor / subcontractor for this portion of the Work shall have been successfully engaged in the respective trade for at least five (5) years immediately prior to commencement of this work and shall demonstrate to the approval of the Owner's Representative that his record of workmanship is satisfactory.
2. For actual construction operations, use only thoroughly trained and experienced workers completely familiar with the materials and methods specified.
3. Provide at least one person who shall be present at all times during execution of this portion of the Work and who shall be thoroughly familiar with the type of materials being installed, the referenced standards, and the requirements of this Work, and who shall direct all Work performed under this Section.

C. All equipment supplied or work performed shall comply with regulations governing public swimming pools and spas as contained within Chapter 31 of California Building Code, 2019 edition.

1.3 SUBMITTALS AND SUBSTITUTIONS

A. Provide submittals in accordance with the requirements of Section 01 33 00.

B. Required submittals include:

1. Swimming Pool Safety Equipment and Maintenance Equipment as specified in Article 2.1 and 2.2 of this Section.
2. Swimming Pool fittings, Deck and Mechanical Equipment as specified in Article 2.3-2.16 of this Section.

C. Submit proof of qualifications as specified in Article 1.2 A of this Section.

D. The equipment shown on the plans represent the first listed items in the technical specifications. The Contractor shall be responsible for all required field coordination and installation of any approved equal product to provide a fully working and warranted system. The Contractor shall submit detailed shop drawings for any products used other than the first listed specified items. Contractor provided shop drawings shall include details and quality equal to the original plans and construction documents. The Contractor shall provide any and all required engineering including but not limited to structural and anchorage requirements for any proposed equipment other than the first listed specified equipment. The Contractor is responsible to provide a factory certified representative(s) to start-up and provide on-site training for all swimming pool mechanical equipment provided.

1.4 PRODUCT HANDLING

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A. Protection: Use all means necessary to protect swimming pool equipment items before, during and after installation and to protect the installed Work of all other trades.

B. Replacements: In the event of damage, immediately make all repairs and replacements necessary to the approval of the Owner's Representative.

PART 2 - PRODUCTS

2.1 SAFETY EQUIPMENT

A. First Aid Kit for 50 Persons with two (2) wool blankets: Marine Rescue or approved equal. Quantity as required by the Department of Health, two (2) minimum.

B. Rescue Tubes (minimum 49" long): U.S. Coast Guard Approved: Marine Rescue or approved equal. Quantity as required by the Department of Health, two (2) minimum.

C. Life Ring Buoy (minimum 24" in diameter), U.S. Coast Guard Approved: Marine Rescue or approved equal. Quantity as required by the Department of Health, two (2) minimum.

D. 3/16" diameter Throw Rope, complete with lemon foot, for use with Life Ring Buoy: Kiefer, United Industries, or approved equal. Quantity as required by the Department of Health, two (2) minimum.

E. Rescue Hooks, 16' long x 1-1/2" aluminum pole and stainless-steel mounting hardware: Kiefer, Pentair or approved equal. Quantity as required by the Department of Health, two (2) minimum.

F. Pool Safety Signs: As required by the Department of Health. Submittal required. Placement at the pool site shall be in conformance with Health Department Inspector. Two (2) sets minimum.

G. Spine Board: C.J. Penton Aquatics long board with "L" bracket head immobilizer with foam pads and Velcro strap, 4 Velcro body straps, or equal. One (1) required.

2.2 MAINTENANCE EQUIPMENT

A. Commercial Pool Vacuum: Commercial Pool Vacuum: Provide pool vacuum cart with a 155-square foot single-cartridge filter, lid-mounted handle, separate lid-mounted bracket for electrical cord, and two rubber-tired ball bearing wheels with grease fittings. Cart and filter shall be fabricated from schedule 304 stainless steel with welds treated and passified. Provide Whisperflo pump with a 1 1/2 hp, 115/230 volt, maximum 20 amp draw @ 120 volts, single phase motor and integral trap. Pump shall be UL and NSF listed, have 2" suction and 1 1/2" discharge fittings, and have a brass priming valve with hose bib. Entire pump assembly shall be anchored to vacuum cart with two stainless steel bolts. Provide a 100 foot 10 AWG 3/C SJ electrical cord with ground fault interrupter (GFI) plus. Cord shall be wired to a double pole, 30-amp switch which shall be mounted on pump motor. One (1) required.

B. Heavy Duty Vacuum Hose: 2" x 50' with hose connector. Pentair, Smooth Bore or approved equal. One (1) required.

C. Utility Pole: 24' fiberglass with connectors. Pentair, Skimlite or approved equal. One (1) required.

D. Commercial Vacuum Head:24" wide "flexible" vacuum head. Pentair Model #R201186 or approved equal. One (1) required.

E. Pool Wall Brush: 36" wide professional quality. Pentair or approved equal. Two (2) required.

F. Leaf Skimmer: 30" x 8" x 12", professional quality. Pentair, Spectrum or approved equal. Two (2) required.

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G. Photometer Water Quality Test Kit: 'Palin' Pool Test 9 Premier Kit Model SP709E with 120V plug-in power supply, Three (3) "AAA" batteries and a total dissolved solids sensor. The test kit shall also include the following test reagents in addition to those provided within the kit package:

50 Qty	Total Alkalinity
50 Qty	Calcium Hardness $CaCO_3$
250 Qty	Free Chlorine
250 Qty	Total Chlorine
50 Qty	Free Chlorine Extended Range
50 Qty	Total Chlorine Extended Range
50 Qty	Copper
250 Qty	pH

2.3 FITTINGS

A. Main Drain Frame & Grate (18" x 36"): Lawson Aquatics #MLD-FG-1836 x 34" depth, VGBA compliant, two (2) required. Hayward 1-1/2" collector tubes #SP1056 and Hayward 1-1/2" hydrostatic relief valves #SP1055, or approved equal, two (2) required, one per main drain sump. Contractor shall provide to the Owner a Certificate of Compliance, signed by a licensed design professional, for main drain sump(s) and frame(s) and grate(s), as required by the Virginia Graeme Baker Act.

B. Gutter Outlet Frame & Grate (12"x12"): Lawson Aquatics #MLD-FGD-1212. Eighteen (18) required.

C. Floor Return Inlet 1-1/2" Adjustable: StaRite #8417-0000, United Industries, or approved equal. Sixty-two (62) required.

D. Swimming Pool Underwater Lights: J & J Electronics 'PureWhite LED' #LPL-F5W-120-100 (100' cords, field verify) with polished stainless steel face rings, 87 watt LED and LWC. Stainless steel niches, Pentair #78210600 with 1" hubs, or approved equal. Forty-two (42) required.

E. Junction Box for Underwater Lights, completed with strain reliefs Hydrel #1719, Appleton or approved equal. Twenty-two (22) required.

2.4 DECK EQUIPMENT

A. Starting Platform Anchors: KDI-Paragon 'Competitor' #23103DW, 6" deep. Thirteen (13) required in concrete. Paragon 'Competitor' #23074, cover for dual wedge, 'Competitor' #23303, cover removal tool, two (2) required. 'Paragon' Track Start, 'SR Smith' legacy or approved equal.

B. Adjustable Starting Platforms: Platforms shall be 'Paragon' Track Start Competitor #24527, side step with track start plus platform kit which includes an adjustable backplate kit, side hand grip kit. Sand finish platform top shall be provided with school color and logo top. Thirteen (13) required. 'Paragon', 'SR Smith' or equal.

C. Stanchion Sockets: 1.90" I.D. Bronze. KDI-Paragon 38201TC, KDI-Paragon, S.R. Smith, Paddock, or Spectrum. Nineteen (19) required.

D. Stanchion Posts: 1.90" O.D. x .145 wall. KDI-Paragon, eleven (11) #38106, and eight (8) #38301, KDI-Paragon, S.R. Smith, Paddock, or Spectrum

E. Lane Line Anchors: Heavy eye bolt with insert. KDI- Paragon #73017/18 or S.R. Smith, Paddock, or Spectrum. Forty-nine (49) required.

F. Lane Line Cup Anchors: Spectrum #58316 Stainless steel 4" cup anchors. KDI-Paragon, S.R. Smith, Paddock, or Spectrum.Three (3) required.

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G. Racing Lanes: **#**200-34200, 'Competitor', 'Anti Wave' or approved equal, verify colors with Owner prior to ordering; 25-yard lanes; fourteen (14) required. Provide vinyl covered stainless steel lane line extensions, Knorr System model #EP-009-0020 or approved equal. Two (2) per lane line. Provide floating water polo side goal tethers, eight (8) total. Provide two (2) additional lanes to be utilized with floating water polo as side lanes. Provide four (4) dedicated stationary water polo lanes.

H. Racing Lane Reel with Cover: KDI-Paragon #75111SS with cover #75133, KDI- Paragon, S.R. Smith, Paddock, or Spectrum. Six (6) required.

I. Moveable Lifeguard Chair: 1.90" O.D. x .065 wall. KDI-Paragon 20302, KDI-Paragon, S.R. Smith, Paddock, or Spectrum. Two (2) required.

J. Figure 4 Grab Rails: KDI-Paragon #30102, 1.90" O.D. x .109" wall, KDI-Paragon, S.R. Smith, Paddock, or Spectrum. Five (5) sets required.

K. Recessed Steps, Set of 3: KDI-Paragon #32102, KDI- Paragon, S.R. Smith, Paddock, or Spectrum. Five (5) sets of three required.

L. Hand Rails: Paragon Custom three bend per plans, 1.09" O.D x .065" wall, no known equal. Five (5) required.

M. Cross-Braced Ladder: Paragon #42123 Custom, KDI- Paragon, S.R. Smith, Paddock, or Spectrum. Two (2) required.

N. Anchor Sockets for Grab Rails, Hand Rails & Ladders: KDI-Paragon 28102, KDI-Paragon, S.R. Smith, Paddock, or Spectrum. Thirty-four (34) required.

O. Stainless Steel Escutcheon Plates for Grab Rails, Hand Rails & Ladders: KDI-Paragon 28301, KDI-Paragon, S.R. Smith, Paddock, or Spectrum.. Thirty-two (32) required.

P. Stationary Water Polo Goals: KDI-Paragon 36104, 36201, Antiwave or approved equal. Furnish complete with anchors and nets. Two (2) pair required.

Q. Floating Water Polo Goals: 'Sundog' custom floating waterpolo goals with nets and tethers or approved equal. One (1) pair required.

R. Accessible Lift: Aqua Creek Mighty 400 F-MTY400 (350 lb. min and 400 lb. max lifting capacity) self-operated. Aqua Creek or approved equal. Furnish complete with anchors, cover, extra battery pack and transporter cart #INV01902. All parts and accessories shall be 'Coastal Gray' One (1) lift required. Furnish with two (2) anchors.

S. Backstroke Pennants: 'Champion' 3/16" diameter vinyl coated cable #50-175; 'Champion' hardware package #53-030, and 'Champion' 12" x 18" vinyl coated polyester pennants #53-020 Lincoln Equipment, Knorr Systems or equal.

T. Pool Cover System: (T-Star or equal):

1. A pool cover system as described below shall be provided and shall include all the specified features, without exception. Submittal data must include complete documentation relating to all the specified features and include manufacturer's sales literature, specification sheets, and installation/operation/maintenance manuals. Upon written request by the specifying agent, the following samples must be provided: samples of tubing used for storage reel winding tubes and end frames; a sample winding tube bearing; a sample castor wheel assembly; and a cover sample measuring at least 8" x 11", including weighted side edge, reinforced end edge, and grommet.
2. Cover Material:

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a. Material shall be woven, 10 by 10 count per inch, high-density polyethylene, ultraviolet stabilized film fabric, laminated to both sides of 1/8" thick, closed cell, medium density, white, polyethylene foam. The woven polyethylene film fabric shall be coated on both sides with an ultraviolet stabilized, chemically resistant polyethylene coating. The combination of film, foam and woven components shall be non-toxic, non-absorbent, non-permeable and buoyant. Color shall be blue on upper surface and black on under surface. In addition to the above, cover must meet the following requirements:

Thickness	1/8 inch minus or plus 10%
Foam Density	2 lbs. per cubic foot
Weight	5 oz. per square foot
Tensile Strength	318 lbs. (ASTM D3597)
Tear Strength	60 lbs. (ASTM D2261-71)
Bursting Strength	(Mullen Tester): 425 psi (ASTM 751-73)
Service Temperature	-40°F to +160°F
K Factor	.25 BTU/sq. ft.-hr-°F/inch (ASTM D2326)
Reinforced Edge Tear Strength	1225 lbs. pull strength, corner to corner
Open Seam Tear Strength	70 lbs.

3. Cover Design Criteria:

a. Cover panels shall totally cover the surface of the pool without gaps or overlaps with reinforced cutouts to accommodate rounded corners, step areas, rails, etc. Cover panels shall be of the following quantities and sizes:

Qty.	Size
8	14 feet, 5 inch x 75 feet, 1 inch
3	13 feet x 75 feet, 1 inch, with rail cuts
1	6 feet x 15 feet

b. Along end and side edges of each panel, a weighted material shall be sewn in and shall be continuous, non-corrosive and conform to the flat shape of the cover. End edges shall be reinforced with a double layer of polyethylene-coated film fabric and designed in such a manner as to prevent panels from dividing when they are being pulled across the water. On all corners, weighted edge shall wrap corners and be itself encapsulated by the two layers of end reinforcement. The entire corner construction shall be reinforced with an 1/8" thick load dispersion plate and non-corrosive grommet.

c. Both ends of each cover panel shall be equipped with no less than three (3) non-corrosive grommets and quick-release loops for easy connection to the storage reel or to the next cover panel. All sewing shall be ultra-violet stabilized and chemically resistant 100% polyester thread. Main body seams shall be welded, glued or heat sealed. Complete mechanical attachment with lock-stitched thread shall be required. Warning labels consistent with the recommendations of the Federal Consumer Protection Agency shall be permanently affixed to each end of each cover panel and to the sides of perimeter panels.

4. Storage Reels:

a. The following quantity, type, and size of storage reels shall be provided:

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Qty.	Winding Tubes Per Reel	Length of Winding Tubes
3	3	16 Foot
1	2	16 Foot

b. Storage reel frame, winding tubes, castors, brake shafts, cranks and fasteners shall be made of type 304 stainless steel. Each reel shall have six wheels, each of which shall be 6 inches in diameter, be rated at 1150 pounds load capacity and be made of solid polyurethane. Wheels shall be lubricateable through grease fittings on stainless steel axle shafts and have stainless steel swivel yoke assemblies. The reel shall have two frame mounted, screw-type brakes with pads that lock directly to the pool deck and have a total of 18 square inches of total braking surface. Castor brakes or other types of foot-operated or lever-operated brakes will not be considered equal. Each winding tube shall be 4 1/2 inches in diameter; have a wall thickness of .120 inches; and shall consist of continuous length of tubing without joints or welds. Reels with tubes fabricated from two or more pieces of tubing joined together will not be acceptable. End frames shall be fabricated from 1 1/2 inch square Schedule 304 stainless steel box beam tubing with .120" wall thickness. To facilitate field repair, 3/8" stainless steel bolts, nuts and washers shall be used to connect major reel frame parts, wheels, brakes, bearings and winding tubes. Reels that use welding to connect these components will not be considered equal. Winding tube bearings shall be heavy duty, self-aligning, pillow block ball bearings with set screws to secure tube shafts and prevent their lateral movement. All bearings shall be lubricateable through grease fittings. Plastic surface bearings will not be acceptable.

c. Each storage reel shall be provided with a protective cover constructed of vinyl-laminated polyester cloth, 1000 denier, totaling 13 ounces per square yard.

5. Measuring and Training:

a. A representative of the manufacturer shall visit pool site to confirm measurements prior to fabrication of cover, and once cover is delivered, train operating personnel and supervise initial installation of cover.

6. Warranty:

a. Cover panels shall be provided with manufacturer's three- year full replacement warranty covering defects in material and workmanship. Storage reel shall be provided with manufacturer's 10-year warranty covering defects in material and workmanship.

2.5 SWIMMING POOL STRAINER(S):

A. ‘Mer-Made’ F.O. series FRP reducing basket strainer: One (1) 12” x 8” standard with acrylic lid and two (2) stainless steel strainers each. (150 lbs. each).

2.6 SWIMMING POOL CIRCULATION PUMP(S):

A. ‘Paco’ #60951; 6” x 8” x15”, Type ‘LC’ end suction centrifugal pump; 1750 RPM 460V, 3PH, 40HP; rated at 1,650 GPM @ 60ft. TDH;82% efficient; premium efficiency TEFC motor; epoxy coat all wet surfaces. ‘Paco’, ‘Aurora’ or equal. (760 lbs.) Provide ‘SPCS’ Eko-Flex pump control system variable speed drive model SPCS040EF4 system 21” x 49” x 17” deep. Coordinate mounting location to maintain desired clearances. 460V 3PH (177lbs.)

2.7 SWIMMING POOL FILTERS:

A. ‘EKO3 Systems’ Gen 2 #42230-1206-T-5 Automatic Filter Control (AFC) fully automatic hi-rate permanent AFM media filter with 115 sq. ft. of filter area rated at 1,725 GPM at 15.0 GPM/sq. ft.

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complete with 12" face piping, 6" backwash, seismic anchorage. Provide all utilities, piping, valving etc. (9475 lbs. each tank). EKO3 Gen 2 System or equal. Provide Signet MK-515 flowsenor with digital readout. One (1) system total.

2.8 SWIMMING POOL HEATER(S):

A. Indirect fired pool heating package system; 'Aquas' Crest SmartTouch control condensing modulating boiler, titanium heat exchanger with CPVC connections, factory assembled skid mounted package, California code controls, 1 ½" natural gas connection, 4" water connections, 8" diameter air inlet and 8" diameter sidewall vent size, PVC vented; 1,500,000 BTU per hour input, 97% efficient. Provide ¾" cold water connection 'Lochinvar APO1500N", weight = 3,500 lbs. each. Two (2) total.

2.9 CHLORINE FEED/STORAGE SYSTEM(S):

A. Provide 'Chem-Tainer' 500 Gallon #TC5971DC; dual storage/containment tank with lid seismically restrained; (4,165 lbs.). Complies with Fed. Reg. #40CFR-264-163. Feed system(s) shall be 'LMI' #SD43-88P-KSI; 288 GPD @ 15 PSI with FRP shelf bracket. Hard pipe to point of injection.

2.10 ACID STORAGE/FEED SYSTEM:

A. Provide 'Chem-Tainer' 150 Gallon #TC3448DC; dual storage/containment tank with lid seismically restrained; Operating weight = (1,250lbs). One (1) total. Complies with Fed. Reg. #40CFR-264-163. Provide 60-gallon acid vapor recovery system. One (1) total.

2.11 CARBON DIOXIDE STORAGE/FEED SYSTEM(S):

A. Provide one (1) 'NOVO-600', 600 lb. cryogenic liquid CO_2 storage tank with remote fill port. 594 liquid lbs. (5195 cubic feet of gaseous CO_2 at NTP) one (1) total. Provide EKO^3 PH-MTS CO_2 high efficiency feed system with alkalinity control, 0 to 160 SCFH feed capacity booster pump, piping injector, flowmeter, relays and acid feed alkalinity control. Provide hard wired 'Analox' #APIKIT CO2 detector with audible and visual alarms in each chemical room, UL 1971 standard listed, one (1) total.

2.12 WATER CHEMISTRY CONTROLLER(S):

A. Provide ethernet connection to BECS #CS-BECSYS7-BP-E water chemistry controller. Provide complete system control package. 'Becsys System 7', 'Impact', 'Wallace and Tiernan' or approved equal. One (1) total.

2.13 BACKWASH PIT:

A. 6'-0" x 10'-0" x 5'-0" deep with 6" ø P-trap outlet to sewer. Coordinate waterproofing per Section 131105. Coordinate with structural and plumbing plans.

2.14 FILL SYSTEM:

A. 3" Cla-Val fill system to include 3" Cla-Val solenoid control valve #136-01BY, 3" duct iron, epoxy coated body with cast iron disc retainer and diaphragm washer, bronze trim, flanged globe pattern, 120V at 60hz. Solenoid wiring shall be wired to water chemistry controller. Provide 6" air gap at fill point.

2.15 EYEWASH / SHOWER:

A. Haws Model #8300-8309CRP barrier free combination eyewash/shower with corrosion resistant protection. See MEP sheets for supply piping. Two (2) total.

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2.16 POOL OPERATOR WORKSTATION DESK:

A. 'Total Lab Solutions' epoxy counter top with drop-in sink and two (2) end cabinets. Furnish with wall mounted two (2) faucets 'Broen Boss' or approved equal. See MEP plans for water supply piping.

PART 3 - EXECUTION

3.1 SURFACE CONDITIONS

A. Inspection:

1. Prior to installing the items of this Section, carefully inspect the installed Work of other trades and verify that all such Work is complete to the point where this installation may properly commence.
2. Verify that the swimming pool equipment items may be installed in strict accordance with original design, pertinent codes and regulations, and the manufacturers' recommendations.

B. Discrepancies:

1. In the event of discrepancy, immediately notify the Owner's Representative.
2. Do not proceed with installation in areas of discrepancy until all such discrepancies are fully resolved.
3. Failure to notify the Owner's Representative and give written notice of discrepancies shall constitute acceptance by the Installer of existing conditions as fit and proper to receive its Work.

3.2 INSTALLATION

A. Supply and install items of swimming pool equipment in strict accordance with applicable codes and regulations, the original design, and the manufacturer's published recommendations, anchoring firmly and securely for long life under hard use.

B. Coordinate with other trades to insure all imbedded items are set plumb and flush. Railing ends must have anchor sockets and escutcheon plates. Be certain that deck equipment and railings are properly bonded prior to imbedding.

C. All equipment shall be braced and/or anchored to resist horizontal force acting in any direction using the criteria shown on the Drawings.

3.3 START-UP AND INSTRUCTION

A. The Contractor shall provide a factory certified representative(s) to start-up and certify proper installation, operation and full warranty status of all swimming pool mechanical equipment. The Contractor shall provide not less than two 8-hour days of on-site training for facility staff in the operation and maintenance of the swimming pool mechanical equipment and systems. The two 8-hour days shall be separated by a minimum of seven calendar days and be completed within the 14-day start-up period.

3.4 EQUIPMENT ACTIVATION

A. All water chemistry and filtration mechanical equipment shall be operational upon filling of pool after plaster. Chemicals and other related support items as supplied by Contractor, shall be in supply at start-up.

B. For the first fourteen (14) calendar days after completion of the pool plaster, brush all plastered surfaces at least twice a day and coordinate with General Contractor to ensure that the plaster is carefully maintained after the initial fourteen-day period. In addition, coordinate with the

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Contractor to ensure that pool filtration equipment is continuously running during the initial fourteen-day period.

C. Start-up and provide qualified personnel to operate pool equipment for a period not less than fourteen (14) days after the pool is placed in operation, or until the Owner takes occupancy of the facility or letter of substantial completion. During this time, Contractor shall instruct and supervise the Owner's personnel in the various operating and maintenance techniques involved. Contractor shall be responsible for supply of chemicals during this not less than fourteen (14) day period and at time of turnover to Owner, chemical storage tanks shall be full. (Owner's personnel shall be fully trained and capable of assuming swimming pool maintenance tasks, training may begin before Owner takes occupancy).

3.5 CLEAN-UP

A. Upon completion of swimming pool equipment, remove all debris, materials and equipment occasioned by this Work to the approval of the Owner’s Representative.

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SECTION 32 31 22 – GALVANIZED CHAIN LINK FENCING

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes:

1. Chain link perimeter fences (F-1).
2. Manually operated swing gates, including new gate in existing chain link fence.
~~2.~~3. Fabric Wind Barrier (FA-2).

B. Related work:

1. Division 03 for concrete post footings and for installation of gate track set in concrete.
2. Section 08 71 00 Door Hardware for panic hardware and cylinders.

1.2 SUBMITTALS

A. Data: Manufacturer product data for fabric, posts and accessories, including privacy slats.
B. Shop drawings: Show fence layout, footings size and reinforcement, gate details, and typical elevations.
C. Samples:

1. Full-size sample of each type of gate hardware.
~~1.~~2. 16-inch square sample fence screen with edging on 2 sides and 1 grommen in specified color.

1.3 QUALITY ASSURANCE

A. The applicable provisions of the Chain Link Fence Manufacturers Institute (CLFMI) Product Manual govern the work of this Section.
B. This requirement does not limit manufacture of the fencing components to CLFMI members.
C. Emergency Access Requirements: According to requirements of authorities having jurisdiction for gates with automatic gate operators serving as a required means of access.

1.4 HANDLING

A. Handle and store components to avoid damaging the finish.
B. Store off the ground in a protected location.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Framework: Sections produced from steel with a minimum yield strength of 45,000 psi and meeting the strength and protective coating requirements of ASTM F 1043.

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B. Tubular members:

1. Type I: ASTM F 1083, Schedule 40, galvanized with a zinc coating of not less than 1.8 oz./square ft. minimum.

C. Chain link fabric: Complying with CLFMI standards and the following with a Class 1 zinc coating weight classification.

1. One piece width, 1-1/4-inch mesh, 9-gage.
2. Knuckled edge at both selvages.
3. Gouge: See Drawings.

D. Accessories, general: Galvanized matching the chain link fabric, complying with ASTM A 153, except that the coating weight may comply with the requirements of CFLMI standards for coating thickness.

1. Tension wire: 7-gage high strength steel wire.
2. Stretcher bars: One piece length equal to full height of fabric with a minimum cross section of 3/16-inch by 3/4-inch. Provide one stretcher bar for each gate and end post, and 2 for each corner and pull post.
3. Stretcher bar bands: Heavy pressed steel to secure stretcher bars to intermediate, corner and gate posts.
4. Post tops: Steel or malleable iron designed as a weathertight closure cap. Design caps with opening to permit passage of the top rail when rail is provided.

E. Wire ties: For tying fabric to line posts, use 11-gage steel wire clips spaced 14-inch o.c. For tying fabric to tension wire use 11-gage hog rings.

2.2 GATES

A. Fabricate gate frames of welded steel tubes in compliance with ASTM F 900. Provide additional horizontal and diagonal members to ensure that gates stay square and operate properly, and for attachment of fabric, hardware and accessories.

B. Weld gate frames:

1. Use same fabric as for fencing, installed with stretcher bars at vertical edges.
2. Tie fabric to top and bottom edges. Attach stretcher bars to gate frame at not more than 15 inches o.c.
3. Attach hardware with rivets or by other means that will provide security against removal and breakage.

C. Provide manufacturer standard galvanized heavy-duty hardware.

1. For swinging gates provide the following:

a. Hinges: One pair of steel hinges, non-lift-off type offset to permit 180-degree gate opening.
b. Latch: Designed to provide operation from either side of gates and equipped with padlock eye at gates without panic hardware.
c. At double gates: Provide 32-inch Gate Cane Bolt x ¾-inch diameter.
d. Provide removable astrigals where indicated on Drawings. Material to match gate framework.

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2.3 FABRIC WIND BARRIER

A. Manufacturer: 750 Series Commercial Block, 95% Blockage, uv resistant, reinforced edge, galvanized grommets. Basis of Design, FenceSreen, Contact 888.313.6313.

~~d.~~1. Color to be black.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify conditions and measurements affecting the work of this Section at site.
B. Correct detrimental conditions before proceeding with installation.

3.2 INSTALLATION

A. General: Comply with ASTM F 567, Drawings and the following.
B. Posts: Provide corner, end, and intermediate posts. Erect posts plumb and level, in straight alignment, and set in concrete footings. Support and brace until concrete sets.
C. Post cap: Provide on each post.
D. Tension wire: Install before stretching fabric and tie to each post with ties or clips.
E. Fence fabric:

1. Install within 2-inch of grade or paving on security side of fencing and on inside of tennis courts.and anchor to framework so that fabric remains in tension after pulling force is released.
2. Pull taut and tie to posts, rails, and tension wire.

F. Stretcher bars: Thread through fabric and secure to posts with steel bands.
G. Gates: Install plumb, level, square, free of rack and secure for full opening without interference. Adjust hardware for smooth operation.
H. Fasteners: Install nuts for tension bands and carriage bolts on the side of fence opposite the fabric side. Peen ends of bolts or score threads to prevent removal of nuts.
~~H.~~I. Fabric Wind Barrier: Install as recommended by manufacturer.

3.3 BRACING

A. Brace gates, corner, end, and pull posts to the nearest post with a horizontal brace used as a compression member and a diagonal truss rod and truss tightener used as a tension member.

3.4 TOUCHUP

A. Touchup damaged PVC coating with matching air-drying materials, when the results are acceptable to the Architect; otherwise remove and replace damaged components.

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SECTION 32 33 13 – EXTERIOR BICYCLE RACKS AND LOCKERS

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes:

1. Exterior bicycle racks.
2. Interior bicycle racks.
3. Accessories and installation materials.

1.2 SUBMITTALS

A. Data:

1. Manufacturer Product Data for bicycle racks, including finish. anchors, including test results for anchors in concrete.
2. Samples of sufficient size showing proposed finish on base metal.

B. Shop Drawings: At 1/8-inch scale minimum, show exact location of racks. Dimension from column lines or adjacent work.

C. Samples: Samples of sufficient size showing proposed finish on base metal.

D. Maintenance Data: For each bicycle rack.

1. Include recommended methods for repairing damage to the finish.

1.3 QUALITY ASSURANCE

A. Installer Qualifications: An experienced installer who has completed installation of bicycle racks similar in material, design, and extent to that indicated for this project and whose work has resulted in construction with a record of successful in-service performance.

B. Manufacturer Qualifications: A firm experienced in manufacturing bicycle racks similar to those required for this project and with a record of successful in-service performance.

C. Source Limitations: Obtain each color, finish, shape and type of bicycle rack from a single source with resources to provide components of consistent quality in appearance and physical properties.

D. Product Options: Drawings indicate size, shape and dimensional requirements of bicycle racks and are based on the specific system indicated.

1.4 HANDLING

A. Upon delivery, before signing for shipment, inspect for any damages and notate on the B.O.L.

B. Store bicycle racks in original undamaged packages and containers until ready for installation

C. Handle bicycle racks with sufficient care to prevent any scratches or damage to the finish.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Bike rack:

1. Provide bicycle racks manufactured by AAA Ribbon Bike Rack Co., a division of Brandir Internationals, Inc., www.ribbonrack.com.
2. Or equal.

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B. Bike Lockers:

1. Provide bicycle lockers manufactured by Dura Bike Locker, a Division of Hannan Specialties Inc.
2. Or equal.

2.2 EXTERIOR BICYCLE RACKS

A. The Original Ribbon Rack.

1. Capacity: nine bicycles.

NINE(9) CAPACITY, INGROUND MOUNT, GALVANIZED

~~A.~~

2.3 EXTERIOR BICYCLE LOCKERS

A. Model DLSS by Dura Bike Locker, a Division of Hannan Specialties Inc. or equal
B. Size: 30-inches by 75-inches by 48-inches high.

2.4 MATERIALS

A. The Original Ribbon Bike Rack:

1. 2.375-inches OD X 0.154-inch wall thickness, schedule 40 ASTM A53/A500 hot dipped galvanized.
2. Installation Methods: In-ground mount is embedded into concrete base, as detailed.

B. Single bike lockers, surface-mounted on concrete.

1. Material:

a. G-90 galvanized steel bicycle locker.
b. Door and body: 16-gauge sheet metal.
c. Frames: 14-gauge sheet metal.
d. Perforations: Provide perforated doors and back walls.
e. Full length door hinge (ASTM A314): 16 gauge stainless steel.
f. 3-Point Locking bar Mechanism (ASTM A314): 1 inch wide by 1/4 inch thick stainless steel flat bar running beyond the full length of the door frame and into the top, threshold, and jamb (3-Points to insure Maximum Security).
g. Fasteners shall be zinc coated steel and shall be fastened from the inside.
h. Numbers: High Performance Black Vinyl Numbers.

C. Fasteners: Select anchors with capability to sustain, without failure, a load equal to 4 times the load imposed when installed in concrete, as determined by testing per ASTM E 488.

1. Drilled-in expansion anchors: Expansion anchors complying with FS FF-S-325, Group VIII (anchors, expansion,), Type I (internally threaded tubular expansion anchor); and machine bolts complying with FS FF-B-575, Grade S, by Hilti, Inc., ITW Ramset/ Red Head, Star Expansion Co. or The Rawlplug Co., Inc.
2. Chemical anchors: Chem-Stud by Rawlplug Co., Inc. or HIT C-100 System by Hilti used with machine bolts complying with FS FF-B-575, Grade S.

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2.5 LOCKING SYSTEM

A. Stainless steel padlock style handle (padlock not included).

2.6 FINISH

A. The Original Ribbon:

1. Hot-dipped galvanized finish after fabrication.

B. The bike lockers: Graphite

1. TGIC powder-coat.
2. Color: Black.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify conditions and measurements affecting the work of this Section at site.
B. Correct detrimental conditions before proceeding with installation.

3.2 INSTALLATION

A. Bike rack:

1. In-ground mount: Install as detailed on Drawings and manufacturer’s recommendations.
2. Coordinate installation of bike racks with the work of Section 32 13 13.

B. Bike lockers:

1. Install in accordance with the manufacturer's instructions.
2. Locate where shown on drawings. Assemble and anchor in accordance with the manufacturer's instructions.
3. Set bicycle lockers secured to construction, level and true to line, in correct relationship to adjacent structure and improvements.
4. Fasteners to secure lockers to concrete shall be located inside locker.

C. Install at locations indicated on Drawings in compliance with rack manufacturer's instructions and recommendations, plumb, level and securely anchored.
D. Touchup damaged galvanized surfaces as specified in Section 05 50 00.

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GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION," (LATEST EDITION AND SUPPLEMENTS), THE UNIFORM BUILDING CODE (FOR EXCAVATION AND GRADING), CALIFORNIA BUILDING CODE (CBC) (LATEST EDITION).
2. ALL GEOTECHNICAL RECOMMENDATIONS IMPOSED BY THE CONSULTANT OR CONTAINED IN THE CONSULTANT GEOTECHNICAL REPORT ARE TO BE COMPLIED WITH AND ARE HEREBY MADE AN INTEGRAL PART OF THE GRADING SPECIFICATIONS AND NOTES.

   GEOTECHNICAL REPORT DATED: JULY 7, 2021
   AMMENDED ON SEPTEMBER 7 AND OCTOBER 14, 2021
   REPORT NUMBER: 10-57575PW
   PREPARED BY: ATLAS TECHNICAL CONSULTANTS, LLC

3. PRIOR JUST TO POURING OF CONCRETE, THE GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE THE FOOTING EXCAVATIONS AND LEAVE A CERTIFICATE ON THE SITE FOR THE BUILDING INSPECTOR AND THE CONTRACTOR. NO CONCRETE SHALL BE POURED UNTIL THE BUILDING INSPECTOR HAS ALSO INSPECTED AND APPROVED THE FOOTING EXCAVATIONS.
4. IF AT ANY TIME DURING THE GRADING AND EXCAVATION OPERATIONS, UNFAVORABLE SOILS CONDITIONS ARE ENCOUNTERED, THE SOILS ENGINEER SHALL BE NOTIFIED AND THE WORK SHALL STOP UNTIL APPROVED CORRECTIVE MEASURES ARE OBTAINED.
5. ALL GRADES AND CONTOURS INDICATED ON THE PLANS ARE TO FINISHED SURFACE, AND NOT ROUGH GRADES. CONTRACTOR SHALL SUBTRACT THE STRUCTURAL THICKNESS OF PAVEMENTS AND TOP-SOIL THICKNESS IN LANDSCAPED AREAS, TO OBTAIN DESIRED ROUGH GRADES.
6. TEMPORARY EROSION CONTROL SHALL BE INSTALLED AND MAINTAINED PER APPLICABLE AGENCY REQUIREMENTS, THROUGHOUT DURATION OF CONSTRUCTION.
7. ALL GRADING SLOPES SHALL BE PLANTED AND SPRINKLERED.
8. STANDARD 12" HIGH BERM IS REQUIRED AT TOP OF ALL GRADED SLOPES.
9. NO FILL TO BE PLACED, UNTIL THE INSPECTOR IN RECORDS HAS INSPECTED AND APPROVED THE BOTTOM EXCAVATION PER GEOTECHNICAL NOTES HEREON.
10. ALL CONCENTRATED DRAINAGE MUST BE CONDUCTED TO THE STREET IN APPROVED NON-EROSIVE DEVICES OR TO EXISTING STORM DRAIN SYSTEM.
11. THIS PLAN IS FOR GRADING PURPOSES ONLY AND DOES NOT CONSTITUTE APPROVAL OF BUILDINGS.
12. ALL DEBRIS AND FOREIGN MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT APPROVED DISPOSAL SITES. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FOR THE TRANSPORTATION OF MATERIAL TO AND FROM THE SITE.
13. EXISTING TOPOGRAPHY SHOWN HEREON WAS TAKEN FROM A SURVEY DATED NOVEMBER 17, 2020 BY SPIRO LAND SURVEYING, INC.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR THE HIRING OF A LICENSED LAND SURVEYOR TO PERFORM STAKING FOR IMPROVEMENTS SHOWN ON THESE PLANS
15. STRAIGHT GRADE SHALL BE MAINTAINED BETWEEN CONTOUR LINES AND SPOT ELEVATIONS UNLESS OTHERWISE SHOWN ON THE PLANS.
16. DIMENSIONS TO PIPELINES ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
17. ALL DIMENSIONS ARE IN FEET OR DECIMALS THEREOF.
18. ALL CURB DIMENSIONS AND RADII ARE TO BOTTOM OF CURB FACE.
19. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (C-BELOW) PRIOR TO ANY EXCAVATION.
20. CONTRACTOR SHALL COORDINATE REMOVAL OR RELOCATION OF ANY PUBLIC UTILITY LINES WITH THEIR RESPECTIVE OWNERS. SEPARATE PERMITS MAY BE REQUIRED.
21. THE CONTRACTOR SHALL REPLACE ALL EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER. MATCH EXISTING MATERIALS, SURFACE TREATMENT, AND COLORS. SAME SHALL APPLY TO PERMANENT UTILITY TRENCH RESURFACING.
22. STORM DRAINAGE SYSTEMS SHOWN ON THESE PLANS HAVE BEEN DESIGNED FOR THE FINAL SITE CONDITION AT COMPLETION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF THE SITE, DURING INTERIM CONDITIONS OF CONSTRUCTION.
23. CUT AND FILL SLOPES SHALL BE NO STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL.
24. ANY TEMPORARY STOCKPILING OF EXCESS MATERIAL ON SITE SHALL BE APPROVED BY THE OWNER AND THE CONSTRUCTION MANAGER, INCLUDING PROTECTION AND EROSION CONTROL, PRIOR TO EXCAVATION.
25. REGISTERED DEPUTY GRADING INSPECTOR IS REQUIRED ON GRADING AND FOUNDATION EARTHWORK.
26. SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE DURING THE CONSTRUCTION PERIOD.
27. CONTRACTOR ARE RESPONSIBLE FOR LOCATING AND PROTECTING UTILITIES.
28. APPROVED SHORING, DRAINAGE PROVISIONS AND PROTECTIVE MEASURES MUST BE USED TO PROTECT ADJOINING PROPERTIES DURING THE GRADING OPERATION.
29. NO PAINT, PLASTER, CEMENT, SOIL, MORTAR OR OTHER RESIDUE SHALL BE ALLOWED TO ENTER STREETS, CURBS, GUTTERS OR STORM DRAINS. ALL MATERIAL AND WASTE SHALL BE REMOVED FROM THE SITE.

PAVING NOTES

1. A PRE-PAVING MEETING SHALL BE SCHEDULED 48 HOURS PRIOR TO START OF THE SUB-GRADE PREPARATION FOR THE PAVING WITH THE FOLLOWING PEOPLE PRESENT: OWNER, PAVING CONTRACTORS, DESIGN CIVIL ENGINEER, SOILS ENGINEER, INSPECTOR OD RECORD OR THEIR REPRESENTATIVES. REQUIRED FIELD INSPECTIONS WILL BE OUTLINED AT THE MEETING.
2. PAVEMENT SECTIONS INDICATED ON THESE PLANS ARE BASED ON RECOMMENDATIONS PROVIDED BY THE SOILS REPORT. THE FINAL PAVEMENT SECTIONS ARE SUBJECT TO CHANGE BY THE GEOTECHNICAL ENGINEER, BASED ON THE ACTUAL, FIELD MEASURED "R" VALUES (SOIL RESISTANCE) OF THE COMPACTED SUBGRADES, AND ASSUMED TRAFFIC INDEXES.
3. CLASS 2 AGGREGATE BASE SHOULD CONFORM TO SECTION 26-1.02A OF THE STANDARD SPECIFICATIONS FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS).
4. THE AGGREGATE BASE SECTION SHALL BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY. MAXIMUM AND FIELD DENSITY TO BE DETERMINED IN ACCORDANCE WITH ASTM D1557-02 MODIFIED.
5. ADJACENT PAVEMENTS SLAB SECTIONS SHALL HAVE A TRAPEZOIDAL KEYED CONSTRUCTION JOINT. AS AN ALTERNATIVE TO THE KEYED JOINT, DOWELING BETWEEN CONSTRUCTION JOINTS CAN BE USED. DOWELS SHALL CONSIST OF SMOOTH, #4 REINFORCING STEEL BAR, 18 INCHES LONG, EMBEDDED A MINIMUM OF NINE INCHES INTO THE SLAB ON EITHER SIDE OF THE CONSTRUCTION JOINT.
6. THE PCC PAVEMENT SHALL BE PLACED OVER SUBGRADE SOIL PER DETAILS 4 OR 5 ON SHEET C2.01 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF APPROXIMATELY 4,000 PSI FOR TRAFFIC RATED AND 2,500 PSI FOR PEDESTRIAN PAVEMENTS. 2

BENCHMARK:

ADD 0.08 FEET TO ELEVATION SHOWN HEREON TO EQUAL THE LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS 2005 ADJUSTMENT OF THE NORTH AMERICAN DATUM OF 1988 (NAVD88) PER THE FOLLOWING LOS ANGELES COUNTY BENCHMARKS:

GARDENA QUAD, 2005 ADJUSTMENT:

LA COUNTY DPW BM Y12223 2005 ADJ ELEV. = 63.473' NAVD88 PER COUNTY ELEV.= 63.39 PER THIS SURVEY:
L&DPW TAG IN EAST CURB 1 FT. NORTH OF BEGINNING OF CURB RETURN AT NORTHEAST CORNER OF ALAMEDA STREET (EAST BARREL) AND GREENLEAF BLVD.
LA COUNTY DPW BM Y12222 205 ADJ. ELEV.=63.496' NAVD88 PER COUNTY ELEV.=63.42' PER THIS SURVEY:
L&DPW TAG IN EAST CURB 1 FT. SOUTH OF BEGINNING OF CURB RETURN AT SOUTHEAST CORNER OF ALAMEDA STREET (EAST BARREL) AND GREENLEAF BLVD.
ANY USER OF ELEVATION AND/OR COORDINATES SHOWN HEREON FOR THE CONTROL OF CONSTRUCTION SHALL VERIFY AT LEAST 3 POINTS SHOWN HEREON, FOR MATHEMATICAL COSISTENCY PRIOR TO SUCH USE.

BASIS OF BEARINGS:

THE BASIS OF BEARING FOR THIS PROJECT IS NORTH 89° 06' 36" WEST ALONG THE CENTERLINE OF ARTESIA BOULEVARD REFERENCED TO THE NAD83 CALIFORNIA COORDINATE SYSTEM, ZONE 5 GRID, EPOCH 2007.00 DETERMINED LOCALLY BY CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS) OPERATED BY THE CALIFORNIA SPATIAL REFERENCE CENTER.

GENERAL UTILITY NOTES:

1. CONTRACTOR TO PROTECT IN PLACE OR ADJUST WHERE NECESSARY ALL EXIST. UTILITY LINES AND UNDERGROUND STRUCTURES, WHETHER SHOWN OR NOT SHOWN ON THESE PLANS, THAT LAY WITHIN THE LIMITS OF THE NEW CONSTRUCTION, AND ARE NOT SPECIFICALLY MARKED TO BE REMOVED OR ABANDONED.
2. THE CONTRACTORS' ATTENTION IS DIRECTED TO SECTION 7-10.4.1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND THE AMENDMENTS IN REGARD TO SAFETY ORDERS.
3. INSTALLATION OF PIPES IN TRENCHES SHALL BE IN ACCORDANCE WITH SECTION 306 OF THE STANDARD SPECIFICATIONS, AND APPLICABLE APWA AND SANTA ANA STANDARD PLANS.
4. PIPE BEDDING SHALL BE CLEAN SAND AS DEFINED IN THE SOILS REPORT.
5. THE CONTRACTOR MAY VARY THE GRADE AND/OR ALIGNMENT OF THE WATER AND GAS LINES IF FIELD CONDITIONS WARRANT AFTER APPROVAL OF THE ENGINEER.
6. ALL UTILITY TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS FROM BOTTOM TO TOP WITH A DOUBLE ROW OF SANDBAGS PRIOR TO BACKFILL. SEWER TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS WITH A DOUBLE ROW OF SANDBAGS EXTENDING DOWNWARD, TWO SANDBAGS FROM THE GRADED SURFACE OF THE STREET. SANDBAGS ARE TO BE PLACED WITH ALTERNATE HEADER AND STRETCHER COURSES. THE INTERVALS PRESCRIBED BETWEEN SANDBAG BLOCKINGS, SHALL DEPEND ON THE SLOPE OF THE GROUND SURFACE, BUT SHALL NOT EXCEED THE FOLLOWING:

GRADE OF THE STREET	INTERVAL
LESS THAN 2%	AS REQUIRED
2% TO 4%	100 FEET
4% TO 10%	50 FEET
OVER 10%	25 FEET

7. THE CONTRACTOR SHALL PROVIDE THE DESIGN OF, OBTAIN THE REQUIRED PERMITS FOR, AND FURNISH AND INSTALL ALL THE TEMPORARY SHORING, UNDERPINNING AND BRACING REQUIRED TO SAFELY EXECUTE THE WORK AND PROTECT EXISTING IMPROVEMENTS.
8. CONTRACTOR SHALL EXPOSE EXISTING UTILITY LINES AT THE DOWNSTREAM CONNECTION LOCATIONS FOR VERIFICATION OF JOIN ELEVATIONS. DISCREPANCIES WITH THE PLANS SHALL BE REPORTED TO THE ENGINEER, PRIOR TO CONTINUING WITH CONSTRUCTION.
9. FLEXIBLE COMPRESSIBLE JOINTS SHALL BE INSTALLED ON SANITARY SEWER AND STORM DRAIN PIPES WITHIN THREE FEET OF EACH MANHOLE.
10. SPECIAL PROVISIONS SUCH AS FLEXIBLE OR SWIVEL JOINTS SHALL BE MADE FOR BURIED UTILITIES TO ALLOW FOR DIFFERENTIAL VERTICAL DISPLACEMENT.
11. CONSTRUCTION INSPECTION SHALL BE DONE FOR SUBBEDDING, BEDDING, PIPE LAYING, PIPE TESTING, AND MANHOLE CONSTRUCTION, TRENCHING, CONSOLIDATION OF BACKFILL, PAVING, RESURFACING.
12. NO CONCRETE SHALL BE PLACED UNTIL THE FORMS AND REINFORCING STEEL HAVE BEEN PLACED, INSPECTED AND APPROVED BY THE INSPECTOR.
13. CONCRETE FOR UTILITY STRUCTURES SHALL BE PORTLAND CEMENT CONCRETE WITH AN ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF 3250 P.S.I. UNLESS OTHERWISE NOTED.
14. FINAL MANHOLE, BOXES, AND RIM CLEANOUT ELEVATIONS SHALL BE ADJUSTED TO MEET FINAL GRADES.
15. CONTRACTOR SHALL COORDINATE REMOVAL OR RELOCATION OF ANY PUBLIC UTILITY LINES WITH THEIR RESPECTIVE OWNERS. SEPARATE PERMITS MAY BE REQUIRED.

ACCESSIBILITY NOTES:

CALIFORNIA ACCESS COMPLIANCE, TITLE 24 CCR

1. WALKS AND SIDEWALK SURFACE CROSS SLOPES SHALL NOT EXCEED 1/4" PER FOOT (2% GRADIENT) (SEC. 11B-403.3)
2. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1:20 (5% GRADIENT) IT SHALL COMPLY WITH THE PROVISIONS OF SECTION 11B-401 AS A PEDESTRIAN RAMP (SEC. 11B-403.3)
3. WALK AND SIDEWALK SURFACES WITH A SLOPE OF LESS THAN 6% GRADIENT SHALL BE AT LEAST AS SLIP-RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTED FINISH. (SEC. 11B-403.2)
4. WALK & SIDEWALK SURFACES WITH A SLOPE OF 6% OR MORE GRADIENT SHALL BE SLIP-RESISTANT. (SEC. 11B-403.2)
5. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE LEVEL AREAS AT LEAST 5' IN LENGTH AT INTERVALS OF' AT LEAST EVERY 400'. (SEC. 11B-403.7)
6. WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60"x 60" AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48" WIDE x 44" DEEP AT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK. (SEC. 11B-403.7)
7. WALKS AND SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2", AND SHALL BE A MINIMUM OF 48" WIDE. (SEC. 11B-403.1, 11B-403.2, 11B-403.5.1, 11B-403.5.3, 11B-302.1)
8. WHEN ABRUPT CHANGES IN LEVEL NOT EXCEEDING 1/2" OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 UNIT VERTICAL TO 2 UNITS HORIZONTAL (50%), EXCEPT THAT LEVEL CHANGES NOT EXCEEDING ¼" MAY BE VERTICAL (SEC. 11B-403.4 AND FIGURES 11B-5E (c) AND (d))
9. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE EXCEEDING 1/2" SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS. (SEC. 11B-403.4)
10. WALKS SHALL EXTEND A MINIMUM OF 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALL (SEC. 11B-403.7)
11. WALKS, SIDEWALKS, AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHEREVER POSSIBLE. GRID OPENINGS IN GRATINGS SHALL BE 1/2" WIDE MAX IN THE DIRECTION OF TRAFFIC FLOW. ELONGATED OPENINGS, IF PROVIDED SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL (SEC. 11B-302.3)
12. ABRUPT CHANGES IN LEVEL, 4" OR MORE, EXCEPT BETWEEN A WALK OR A SIDEWALK AND ADJACENT STREETS OR DRIVEWAYS SHALL BE IDENTIFIED BY A 6" HIGH CURBS ABOVE WALK SURFACE (SEC. 11B-303.5)
13. PROVIDE SIGNS DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AT EVERY PRIMARY PUBLIC ENTRANCE AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL. SIGNS SHALL INDICATE THE DIRECTION TO ACCESSIBLE BUILDING ENTRANCES AND SHALL COMPLY WITH SECTION 11B-703 (SEC. 11B-216.6)

LEGEND:

Symbol	Description
395.00 FS	PROPOSED SPOT ELEVATION
(395.00) FS	EXISTING SPOT ELEVATION
	PROPERTY LINE
146	PROP. CONTOUR (1' INTERVAL)
146	EXIST. CONTOUR (1' INTERVAL)
R	RIDGE
	GRADE BREAK
	FLOW LINE
	EXISTING FENCE
	PROPOSED FENCE
	EXISTING BLOCK WALL
	PROPOSED RETAINING WALL
	PROPOSED BUILDING
	CONCRETE PAVEMENT
	TURF/PLANTER AREA

GEOTECHNICAL NOTES:

A. PARTICLES LARGER THAN 3 INCHES IN DIAMETER SHALL NOT BE ALLOWED IN THE BACKFILL MATERIAL.

B. THE PROPOSED REINFORCED CONCRETE SLAB PAD SUBGRADES SHOULD BE REMOVED TO A DEPTH AS RECOMMENDED IN THE HEREIN REFERENCED GEOTECHNICAL REPORT, AND REPLACED WITH NON-EXPANSIVE SOILS, MOISTENED OR DRIED TO ITS OPTIMUM MOISTURE CONTENT, AND RECOMPACTED TO 90 PERCENT OF ITS MAXIMUM DRY DENSITY.

C. FLOOR SLABS-ON-GRADE SHALL BE DESIGNED PER THE RECOMMENDATIONS OF THE REFERENCED HEREIN GEOTECHNICAL REPORT. THE DESIGN OF THE SLAB MAY BE ALTERED ONLY BY THE CONSULTING STRUCTURAL ENGINEER.

D. ON-SITE OR IMPORTED GRANULAR SOILS MAY BE USED AS BACKFILL MATERIAL IF THEY ARE WITH EXPANSION INDEX OF 20 OR LESS. ALL BACKFILL SHOULD BE PLACED IN THIN HORIZONTAL LIFTS, WETTED OR AIR-DRIED AS NECESSARY TO ACHIEVE NEAR OPTIMUM MOISTURE CONDITIONS, AND COMPACTED IN PLACE TO A MINIMUM RELATIVE COMPACTION OF 90 PERCENT OF ITS MAXIMUM DRY DENSITY. FLOODING OR WETTING OF BACKFILL SOILS IS NOT PERMITTED.

E. BACKFILL FOR ALL UTILITY TRENCHES UNDER SLABS AND WITHIN DRIVEWAYS AND PARKING AREAS SHOULD BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 90 PERCENT OF ITS MAXIMUM DRY DENSITY BY MECHANICAL METHODS. WHERE UTILITY TRENCHES ARE PARALLEL TO THE FOOTINGS, THE BOTTOM OF THE TRENCH SHOULD BE LOCATED ABOVE A PLANE WITH A SLOPE OF 1:1, PROJECTED DOWNWARD FROM THE ADJACENT BOTTOM EDGE OF THE FOOTING.

F. ALL REQUIRED FILLS SHOULD BE PLACED IN HORIZONTAL LIFTS 6" TO 8" IN THICKNESS & COMPACTED TO AT LEAST 90% OF MAXIMUM DRY DENSITY.

G. INSPECTION & TESTING; TO INSURE COMPLIANCE THE RECOMMENDATIONS OF THE HEREIN REFERENCED GEOTECHNICAL REPORT, THE FOLLOWING OPERATIONS SHALL BE OBSERVED BY THE GEOTECHNICAL ENGINEER:

   A. TEMPORARY EXCAVATIONS
   B. REMOVAL OF UNSUITABLE SOILS
   C. BACKFILL PLACEMENT AND COMPACTION
   D. FOUNDATION EXCAVATIONS.
   E. UTILITY TRENCH EXCAVATIONS

H. THE GEOTECHNICAL ENGINEER SHALL PERFORM PERIODIC INSPECTIONS AND SUBMIT A COMPLETE REPORT AND MAP UPON COMPLETION OF THE ROUGH GRADING OPERATIONS.

I. THE FINAL COMPACTION REPORT AND APPROVAL FROM THE GEOTECHNICAL ENGINEER SHALL CONTAIN THE TYPE OF FIELD TESTING PERFORMED. THE METHOD OF OBTAINING THE IN-PLACE DENSITY, WHETHER SAND CONE, NUCLEAR GAGE, OR DRIVE RING SHALL BE SO NOTED FOR EACH TEST. SUFFICIENT MAXIMUM DENSITY DETERMINATIONS SHALL BE PERFORMED TO VERIFY THE ACCURACY OF THE MAXIMUM DENSITY CURVES USED BY THE FIELD TECHNICIAN.

J. NOTIFICATION OF NONCOMPLIANCE: IF, IN THE COURSE OF FULFILLING THEIR RESPONSIBILITY, THE CIVIL ENGINEER, THE GEOTECHNICAL ENGINEER, THE ENGINEERING GEOLOGIST OR THE TESTING AGENCY FINDS THAT THE WORK IS NOT BEING DONE IN CONFORMANCE WITH THE APPROVED GRADING PLANS, THE DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE PERSON IN CHARGE OF THE GRADING WORK AND TO THE OWNER REPRESENTATIVE. RECOMMENDATION FOR CORRECTIVE MEASURES, IF NECESSARY, SHALL BE SUBMITTED TO THE CONSTRUCTION MANAGER OF THE PROJECT.

K. ALL EXISTING SEWERS, CESSPOOLS AND SEPTIC TANKS OR OTHER SEWAGE DISPOSAL FACILITIES, WHERE NOTED, SHALL BE ABANDONED IN COMPLIANCE WITH THE UNIFORM PLUMBING CODE AND TO THE APPROVAL OF THE GEOTECHNICAL ENGINEER AND CITY BUILDING DEPARTMENT.

L. EXPORT SOILS MUST GO TO A LEGAL DUMP SITE OR TO A PERMITTED SITE APPROVED BY THE CITY BUILDING AND PUBLIC WORKS DEPARTMENT.

M. NO GRADING SHALL BE STARTED WITHOUT FIRST NOTIFYING THE GRADING INSPECTOR AND BEFORE THE PRE-GRADING MEETING.

N. THE CONTRACTOR SHALL NOTIFY THE GRADING INSPECTOR WHEN THE GRADING OPERATION IS READY FOR EACH OF THE FOLLOWING INSPECTIONS:

   1. INITIAL INSPECTION. WHEN THE CONTRACTOR IS READY TO BEGIN WORK, BUT NOT LESS THAN TWO DAYS BEFORE ANY CLEARING OR GRADING IS STARTED.
   2. TOE INSPECTION. AFTER THE NATURAL GROUND OR BEDROCK IS EXPOSED AND PREPARED TO RECEIVE FILL, BUT BEFORE FILL IS PLACED.
   3. EXCAVATION INSPECTION. AFTER THE EXCAVATION IS STARTED, BUT BEFORE THE VERTICAL DEPTH OF THE EXCAVATION EXCEEDS TEN FEET.
   4. FILL INSPECTION. AFTER THE FILL PLACEMENT IS STARTED, BUT BEFORE THE VERTICAL HEIGHT OF THE FILL EXCEEDS TEN FEET.
   5. DRAINAGE DEVICE INSPECTION. AFTER PLACEMENT OF PIPE IN SUBDRAINS, BUT BEFORE ANY CONCRETE OR FILLER MATERIAL IS PLACED.
   6. ROUGH GRADING INSPECTION. WHEN ALL ROUGH GRADING HAS BEEN COMPLETED, THIS INSPECTION MAY BE CALLED FOR AT THE COMPLETION OF ROUGH GRADING WITHOUT THE INSPECTOR NECESSARILY HAVING PREVIOUSLY REVIEWED AND APPROVED THE REQUIRED REPORTS.
   7. FINAL GRADING AND IMPROVEMENT INSPECTION. WHEN ALL WORK (INCLUDING INSTALLATION OF ALL DRAINAGE STRUCTURES, OTHER PROTECTIVE DEVICES AND ALL OTHER IMPROVEMENTS WHICH INCLUDE LANDSCAPING AND IRRIGATION SYSTEMS) HAS BEEN COMPLETED AND THE AS-GRADED PLAN, PROFESSIONAL CERTIFICATIONS AND THE REQUIRED REPORTS HAVE BEEN SUBMITTED.

O. PRIOR TO PLACEMENT OF FILL, THE UPPER 12 INCHES OF EXPOSED SURFACE BY EXCAVATION SHALL BE SCARIFIED, MOISTURE CONDITIONED TO 2 TO 4 PERCENT OVER OPTIMUM MOISTURE CONTENT AND COMPACTED TO 90% RELATIVE COMPACTION.

P. ALL FILLS SHALL BE COMPACTED THROUGHOUT TO A MINIMUM OF 90 PERCENT RELATIVE COMPACTION AS DETERMINED BY ASTM TEST METHOD 1557, AND APPROVED BY THE SOILS ENGINEER. COMPACTION TESTS SHALL BE PERFORMED APPROXIMATELY EVERY TWO FEET IN VERTICAL HEIGHT AND OF SUFFICIENT QUANTITY TO ATTEST TO THE OVERALL COMPACTION EFFORT APPLIED TO THE FILL AREAS.

Q. AREAS TO RECEIVE FILL SHALL BE CLEARED OF ALL VEGETATION AND DEBRIS, SCARIFIED AND APPROVED BY THE SOILS ENGINEER PRIOR TO PLACING OF THE FILL.

R. FILLS SHALL BE KEYED OR BENCHED INTO COMPETENT MATERIAL PER SOILS REPORT.

S. ALL EXISTING FILLS SHALL BE APPROVED BY THE SOILS ENGINEER OR REMOVED BEFORE ANY ADDITIONAL FILLS ARE ADDED.

T. ANY EXISTING IRRIGATION LINES AND CISTERNS SHALL BE REMOVED OR CRUSHED IN PLACE AND BACKFILLED AND APPROVED BY THE SOILS ENGINEER.

U. THE EXACT LOCATION OF THE SUBDRAINS SHALL BE SURVEYED IN THE FIELD FOR LINE AND GRADE.

V. ALL TRENCH BACKFILLS SHALL BE COMPACTED THROUGHOUT TO A MINIMUM OF 90 PERCENT RELATIVE COMPACTION, AND APPROVED BY THE SOILS ENGINEER. THE BUILDING DEPARTMENT MAY REQUIRE CORING OF CONCRETE FLAT WORK PLACED OVER UNTESTED BACKFILLS TO FACILITATE TESTING.

W. TEMPORARY STOCKPILING TO BE APPROVED BY THE OWNER.

X. A PRE-GRADING MEETING SHALL BE SCHEDULED 48 HOURS PRIOR TO START OF GRADING WITH THE FOLLOWING PEOPLE PRESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOILS ENGINEER, GEOLOGIST, CITY BUILDING INSPECTOR OR THEIR REPRESENTATIVES. REQUIRED FIELD INSPECTIONS WILL BE OUTLINED AT THE MEETING.

NOTICE TO CONTRACTORS:

1. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL JOIN ELEVATION CONDITIONS FOR GRADING AND DRAINAGE WORK. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
2. THE EXISTENCE, LOCATION AND CHARACTERISTICS OF UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS BY MANUALLY POT HOLING TO LOCATE/CONFIRM THESE UTILITY LINES.
3. THE CONTRACTOR FURTHER SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT
4. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PLANS, THE SOILS AND/OR GEOLOGY REPORTS, AND THE SITE CONDITIONS PRIOR TO COMMENCING WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR THE ENGINEER, PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND NOT TO THE EXPENSE OF THE OWNER OR ENGINEER.
6. ALL CHANGES TO THE CONSTRUCTION DOCUMENTS FOR THIS PROJECT SHALL BE DONE IN WRITING AND APPROVED BY THE ENGINEER OF RECORD. THE ENGINEER SHALL NOT BE RESPONSIBLE, OR LIABLE FOR UNAUTHORIZED CHANGES OR USES OF THE CONSTRUCTION DOCUMENTS.
7. SHOULD CONFLICTING INFORMATION BE FOUND ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE PROJECT ARCHITECT OR ENGINEER BEFORE PROCEEDING WITH THE WORK IN QUESTION.
8. THE CONTRACTOR SHALL OBTAIN AN OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.) PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE 5 FEET OR DEEPER.
9. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.

COMPTON

Date: July 12, 2016
To: Division of State Architect, DSA
From: David Dent, Chief Building Official
Re: Compton Community College

To whom it may concern,

Most of Compton has been identified to be in flood **Zone X (Unshaded)** or **Zone X (Shaded).** These areas have no base flood elevations and are protected from the base flood by a credited flood protection system. The City of Compton does not require new projects in these zones to be built with specific design considerations to protect them from a possible flood. The City of Compton does not require the finish floor of a building to be elevated above a base flood elevation in these zones. The City of Compton does not require special foundations (such as concrete versus wood) for new projects based on if they are in a Zone X (shaded) or Zone X (unshaded).

Sincerely,

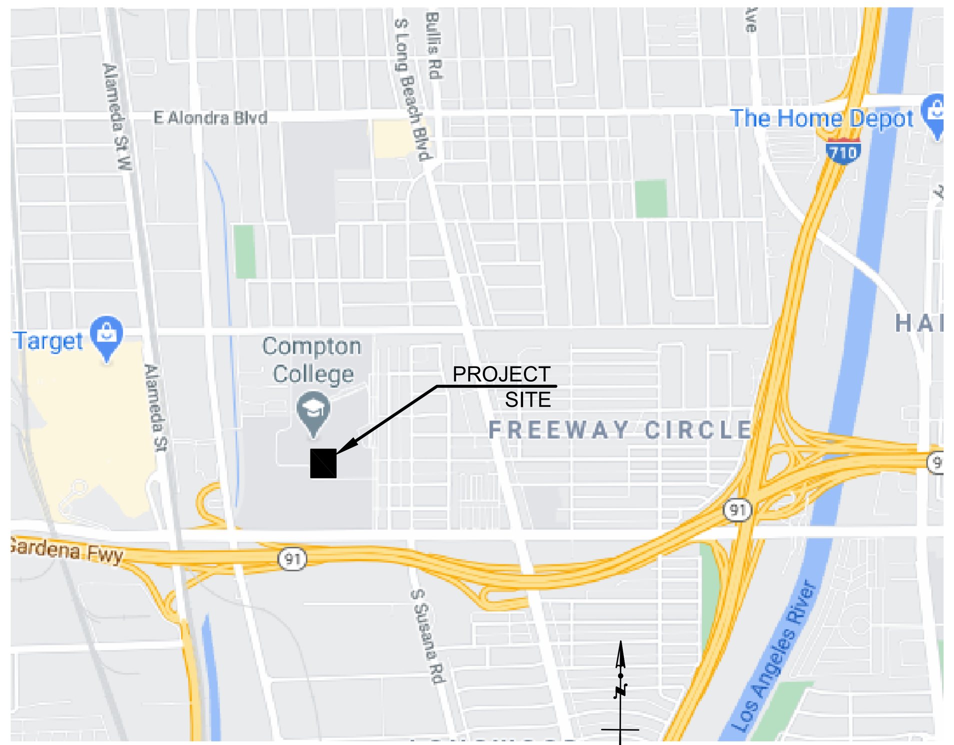
David Dent
Chief Building Official

205 S. Willowbrook Avenue, Compton, CA 90220 * (310) 605-5509 * (310) 605-5598

BIRTHING A NEW COMPTON

FLOOD ZONE INFORMATION

Per Flood Insurance Rate Map Number 06037C1815F, dated September 26, 2008, the flood zone for this area is ZONE X (SHADED). ZONE X (SHADED) is an area of 0.2% (500-year) annual chance flood; areas of 1% (100-year) annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile and areas protected by levees from a 1% (100-year) annual chance flood.



VICINITY MAP
SCALE: N.T.S

PREPARED BY

BRANDOW & JOHNSTON, INC.
700 S FLOWER ST, SUITE 1200
LOS ANGELES, CA 90017
TEL (213) 596-4500
FAX (213) 596-4599

REPRESENTATIVE:

EDGARD MELO, PE
DIRECTOR OF CIVIL ENGINEERING

PREPARED FOR

COMPTON COLLEGE
1111 E. ARTESIA BLVD.
COMPTON, CA 90221

INDEX OF DRAWINGS

C1.01	TITLE SHEET & GENERAL NOTES
C1.02	SITE SURVEY
C1.03	SITE SURVEY
C1.04	SITE SURVEY
C1.05	SITE SURVEY
C1.06	SITE SURVEY
C2.01	TYPICAL DETAILS
C2.02	TYPICAL DETAILS
C3.01	SITE DEMOLITION PLAN
C3.02	CIVIL UTILITY DEMOLITION PLAN
C4.01	SITE GRADING PLAN
C5.01	SITE UTILITY PLAN
C6.01	EROSION CONTROL PLAN

CIVIL ABBREVIATIONS:

ADA	AMERICAN DISABILITY ACT
AC	ASPHALT CONCRETE
BC	BEGIN CURVE
BCR	BEGIN CURB RETURN
BLDG	BUILDING
BM	BENCH MARK
BMP	BEST MANAGEMENT PRACTICE
BW	BACK OF WALK
CAB	CRUSHED AGGREGATE BASE
CATV	CABLE TELEVISION
CB	CATCH BASIN
CF	CURB FACE
C&G	CURB AND GUTTER
CI	CAST IRON
CL	CENTERLINE
CLF	CHAIN LINK FENCE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT, COUNTY
CONC	CONCRETE
CONST	CONSTRUCT
CY	CUBIC YARDS
DI	DUCTILE IRON
DIA	DIAMETER
DS	DOWN SPOUT
DW	DOMESTIC WATER
DRWY	DRIVEWAY
E	EAST
EX.	EXISTING
EA	EACH
ESMT	EASEMENT
ECR	END CURB RETURN
EG	EDGE OF GUTTER
EL	ELEVATION
ELEC	ELECTRICAL
ELY	EASTERLY
EP	EDGE OF PAVING
EQ	EQUAL
F	FILL
FF	FINISH FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOWLINE
FS	FINISH SURFACE
FT	FOOT, FEET
FTG	FOOTING
FW	FIRE WATER
G	GAS
GALV	GALVANIZED
GB	GRADE BREAK
HORIZ	HORIZONTAL
HP	HIGH POINT
INV	INVERT
INL	TOP OF ATRIUM GRATE PIPE
IRR	IRRIGATION
LF	LINEAR FEET
MAX	MAXIMUM
MB	MAP BOOK
MOC	MIDDLE OF CURVE
MIN	MINIMUM
MISC	MISCELLANEOUS
MOD	MODIFIED
NLY	NORTHERLY
NO	NUMBER, NORTH
NTS	NOT TO SCALE
OC	ON CENTER, ON CURVE
PA	PLANTING AREA
PAD	PAD ELEVATION
PCC	PORTLAND CEMENT CONCRETE
PL	PROPERTY LINE
PM	PARCEL MAP
POC	POINT OF CONNECTION
PRC	POINT OF REVERSE CURVE
PSI	PER SQUIRE INCH
PVC	POLYVINYL CLORIDE
PVMT	PAVEMENT
R	RIDGE LINE, RADIUS, RATE
RAD	RADIAL
RTNG	RETAINING
REV	REVISED, REVISION
R/W	RIGHT OF WAY
S	SEWER, SOUTH
SD	STORM DRAIN
SDWK	SIDEWALK
SF	SQUARE FOOT
SHT	SHEET
SLY	SOUTHERLY
SPEC	SPECIFICATIONS
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
STL	STEEL
T	TANGENT
TC	TOP OF CURB
TCB	TOP OF CATCH BASIN
TELE	TELECOMMUNICATIONS
TEMP	TEMPORARY
TF	TOP OF FOOTING
TG	TOP OF GRATE
VAR	VARIABLE
VERT	VERTICAL
VCP	VITRIFIED CLAY PIPE
WM	WATER METER
W	WATER, WIDTH, WEST

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BRANDOW & JOHNSTON
STRUCTURAL+CIVIL ENGINEERS (B&J HBK, INC.)
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EST. 1945

REGISTERED PROFESSIONAL ENGINEER
EDGARD S. MELO
No.C80534
CIVIL
STATE OF CALIFORNIA
FOR BRANDOW & JOHNSTON
SIGNED ON: 09/08/2022

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE PHYSICAL EDUCATION COMPLEX REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

	ISSUE DESCRIPTION	
	DSA SUBMITTAL	22.09.09
	ADDENDUM 1	24.07.08
	ADDENDUM 2	25.02.26

TITLE SHEET AND GENERAL NOTES

C1.01

H:\C20-0066 - STRUERE - Compton College PE Complex\Engineering\Drawings\C101ti.dwg Plotted On Feb 25, 2025-5:26pm by jgeorge

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PCM3 Received
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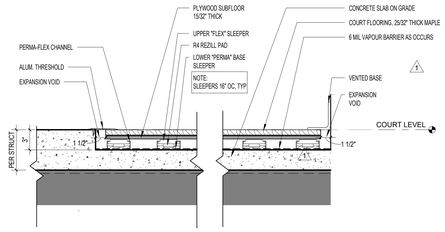
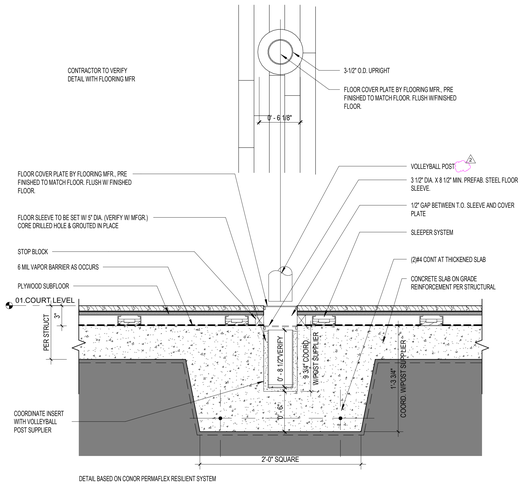
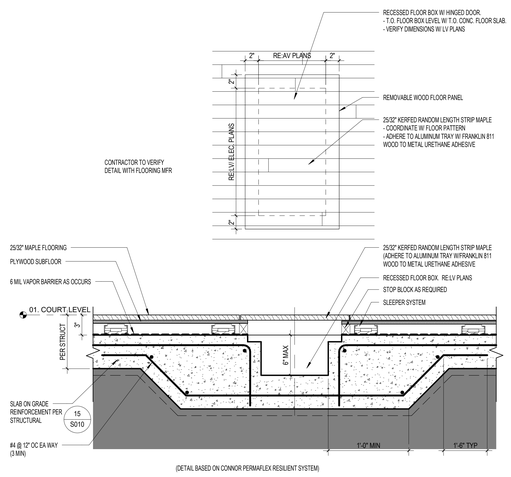
03/03/2025



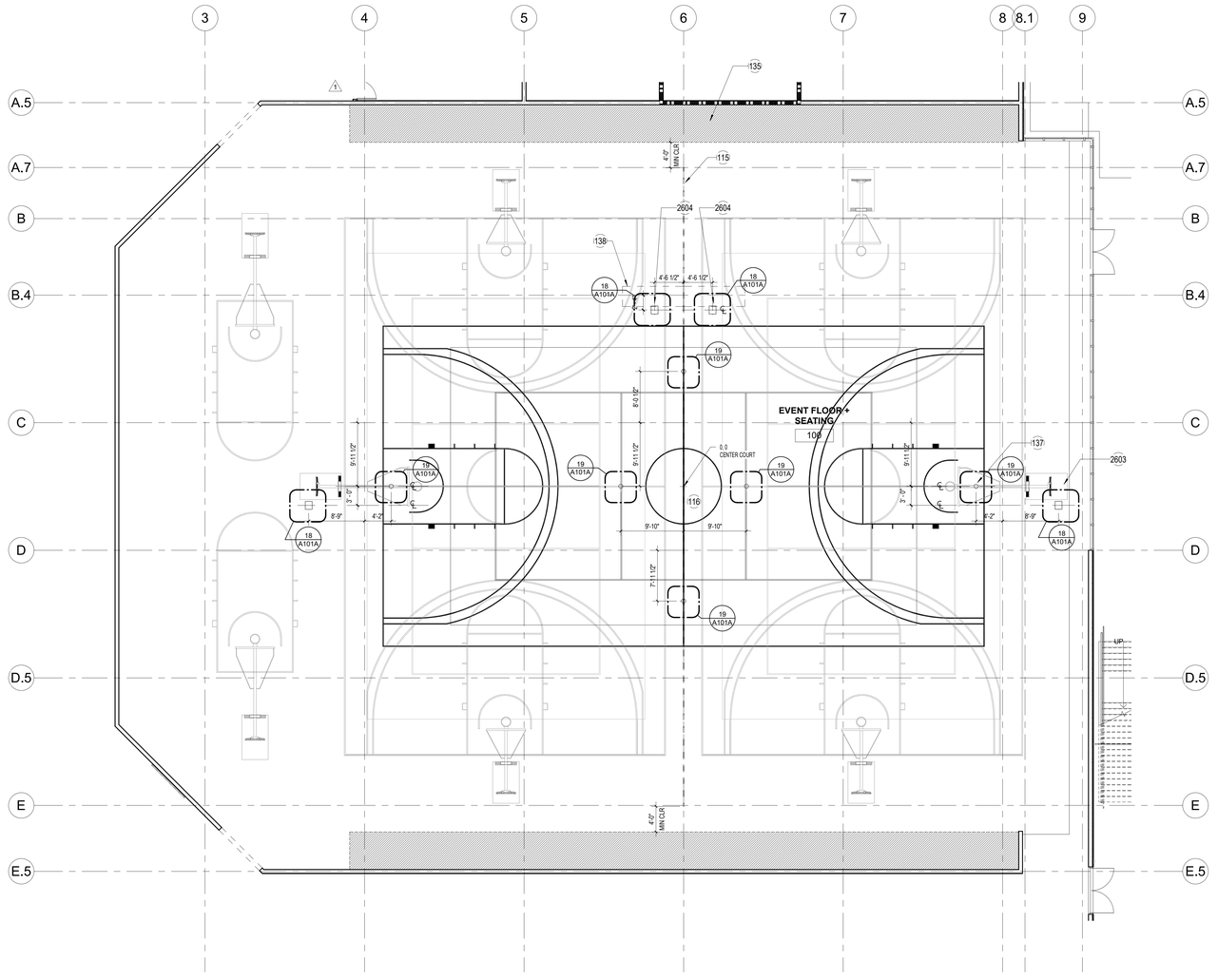
20 COURT FLOOR TRANSITION STRIP
1 1/2" = 1'-0"



19 VOLLEYBALL FLOOR SLEEVE DETAIL
1 1/2" = 1'-0"



18 FLOOR BOX COVER PLATE DETAIL
1 1/2" = 1'-0"



1 LEVEL 1 PRACTICE COURT LAYOUT
1/8" = 1'-0"

KEYNOTES	
115	DIVIDER CURTAIN. SEE PROJECT MANUAL SECTION 11 66 00.
116	PROTECTIVE FLOOR COVER/STORAGE RACK. SEE PROJECT MANUAL SECTION 11 66 00.
135	RETRACTED BLEACHER AREA
137	VOLLYBALL SLEEVE AND COVER
138	SCORE TABLE (NIC)
2603	PORTABLE GOAL FLOOR BOX
2604	SCORER TABLE FLOOR BOX

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ISSUE DESCRIPTION

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1	ADDENDUM 1	24.07.08
2	ADDENDUM 2	25.02.26

SHEET TITLE
PRACTICE COURT LAYOUT

SHEET NUMBER
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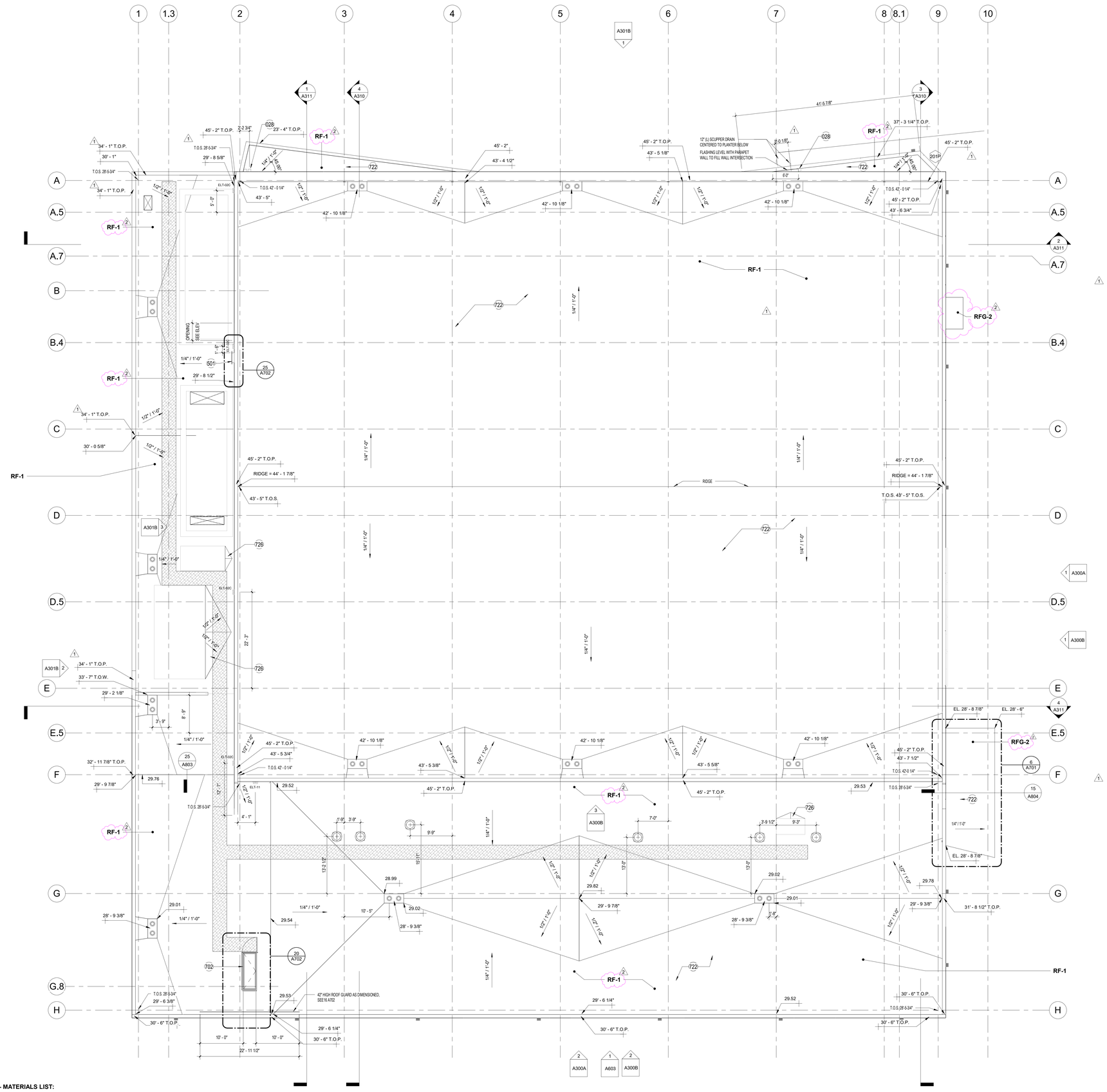

1 HIGH & LOW ROOF PLAN
1/8" = 1'-0"

COMPTON COLLEGE PE COMPLEX - MATERIALS LIST:

RF-1

BASE ROOFING MEMBRANE TO BE PVC THERMOPLASTIC MEMBRANE ROOFING. USE SARNAFIL G410 80, COLOR TO BE WHITE. CONTACT: ROB MALES 562.676.0459 ROB@DESIGN7INC.COM

RFG-1

NOT USED.

RFG-2

BASE ROOFING MEMBRANE TO BE PVC THERMOPLASTIC MEMBRANE ROOFING. USE SARNAFIL G410 80, COLOR TO BE REFLECTIVE GRAY. CONTACT: ROB MALES 562.676.0459 ROB@DESIGN7INC.COM.

LEGEND & NOTES:

NOTE:
1. FOR TYPICAL ROOF ASSEMBLY, SEE DETAIL 21 / A803
2. SEE SHEET A803 FOR TYPICAL ROOF DETAILS.

- WALKWAY TREAD, APPROX. 39" WIDE, TYP.
- 1/4" / 1'-0" — TAPERED ROOF SLOPE
- 1/2" / 1'-0" — TAPERED CRICKET SLOPE
- X'-XX" — ELEVATION MEASURED FROM PROJECT 0'-0"
- ROOF DRAIN / OVERFLOW DRAIN PER PLUMBING, SEE DETAIL 15 / A803
- ELT-02C — (ELT-02C) EXTERIOR LED WALL SCONCE, ELT-02C MH: 13'-0" AT ROOF
- ELT-11 — (ELT-11) EXTERIOR LED WALL SCONCE, ELT MH: 15'-0" AT ROOF

KEYNOTES	
028	SCUPPER DRAIN
501	ALLUMINUM LADDER SEE SPECIFICATIONS
702	ROOF HATCH WITH SAFETY RAIL
722	CLASS A PVC MEMBRANE ROOFING
726	CRICKET

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ISSUE DESCRIPTION		
	DSA SUBMITTAL	22.09.09
1	ADDENDUM 1	24.07.08
2	ADDENDUM 2	25.02.26

SHEET TITLE
ROOF PLAN

SHEET NUMBER
A103

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PCM3 Received
Addendum #2
03/03/2025

2 LEVEL 1 - PARTIAL PLAN SOUTH
1/8" = 1'-0"

3 LOW ROOF PLAN POOL HOUSE
1/8" = 1'-0"

1 LEVEL 1 POOL AREA PLAN
1/8" = 1'-0"

LEGEND

- METAL STUD WALL
- CMU WALL
- 1 HR RATED WALL SEE A801
- LAUNDRY 101A — ROOM NAME / ROOM NUMBER
- FEC — FIRE EXTINGUISHER CABINET
- FE — FIRE EXTINGUISHER SURFACE MTD.
- XXX — DOOR TAG
- XXX FIRE RATING — WINDOW/GLAZING ASSEMBLY TAG (SEE A602)
- XXXX — WALL TAG (SEE A801)
- FURNITURE OR EQUIPMENT (GROUP 2 FFE)
- 5'-0" DIA. CLEAR SPACE

KEYNOTES	
025	ACCESSIBLE EGRESS
110	DRINKING FOUNTAIN GRAB BAR. SEE #28 IN TOILET ACCESSORY LEGEND ON SHEETS A411 THRUOUGH 414.
1 506	44" W CHAINLINK GATE W/ PANIC HW
513	84" W CHAINLINK GATE W/ PANIC HW
532	120" VEHICULAR CHAINLINK GATE
722	CLASS A PVC MEMBRANE ROOFING
2201	POLE SHOWER W/ 5 HEADS
2202	POLE SHOWER W/ 4 HEADS
2203	DRINKING FOUNTAIN
2204	ACCESSIBLE SHOWER STALL
2210	EXTREMITY WHIRLPOOL, SEE 13 37 35

NOTE:
CONTRACTOR TO PROVIDE MOISTURE BARRIER BELOW SLAB ON GRADE BELOW BUILDING FOOTPRINT PER SPECIFICATIONS SECTION 07.26.16

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Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE PHYSICAL EDUCATION COMPLEX REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION		
	DSA SUBMITTAL	22.09.09
1	ADDENDUM 1	24.07.08
2	ADDENDUM 2	25.02.26

SHEET TITLE
POOL AREA PLAN

SHEET NUMBER
A111

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PCM3 Received
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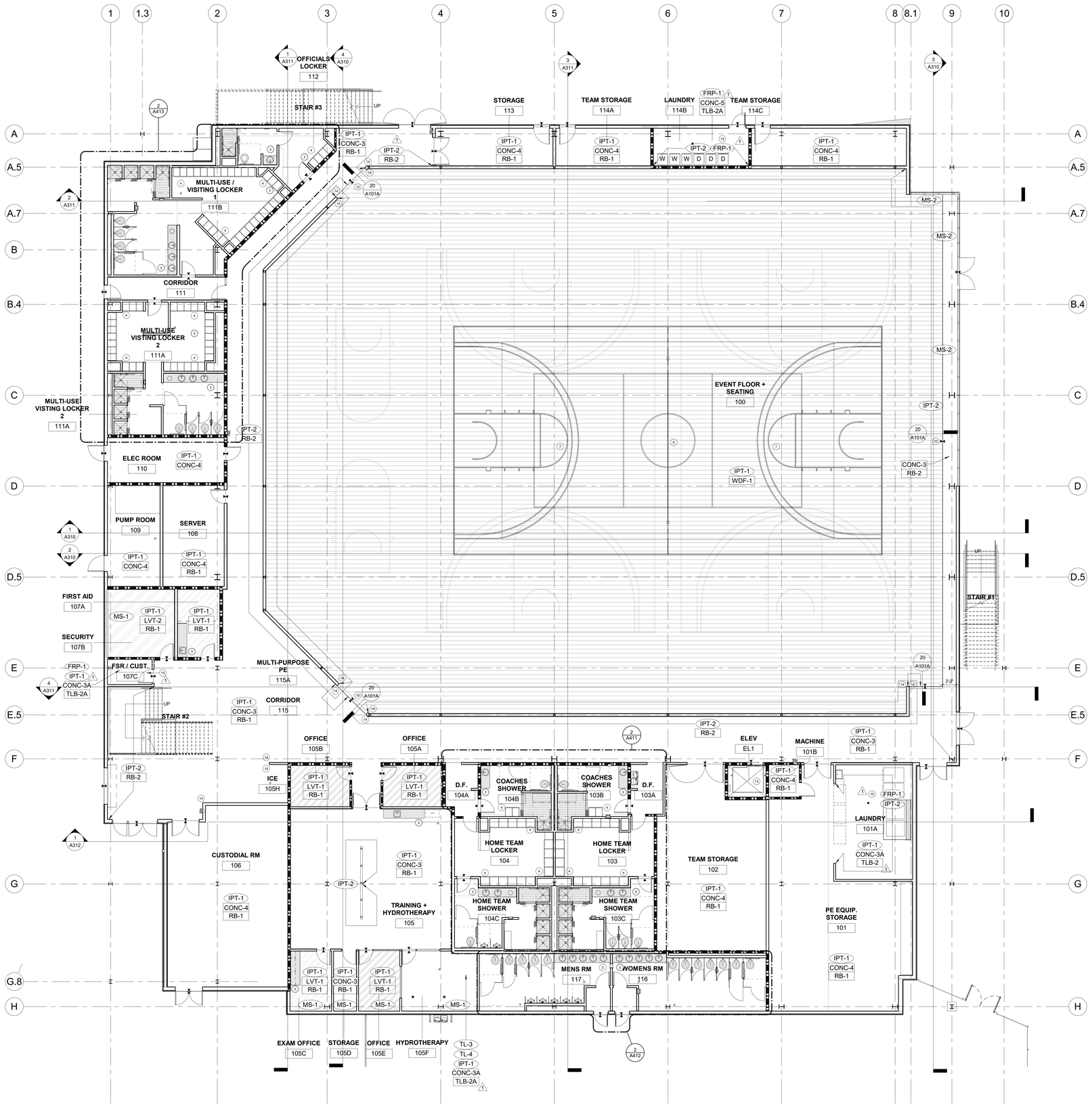
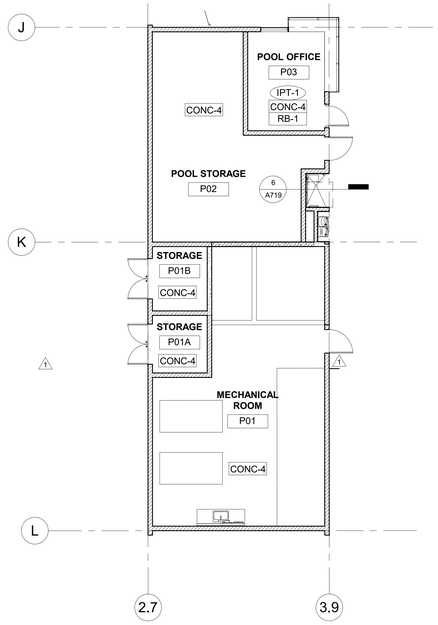
03/03/2025



1 LEVEL 1 FINISH PLAN
1/8" = 1'-0"



2 LEVEL 1 POOL AREA FINISH PLAN
1/8" = 1'-0"

FINISH PLAN LEGEND

- FLOOR MATERIAL TRANSITION
- WALL / FLOOR / BASE — MATERIAL TAG
- BUILT IN MILLWORK. REFER TO ELEVATIONS AND SECTIONS.
- CPT-1 - NOT USED
- CONC-3 POLISHED AND SEALED CONCRETE 1
- CONC-3A NON-SLIP CONCRETE 1
- CONC-4 SEALED CONCRETE 1
- CONC-5 NON SLIP CONCRETE
- CONC-6 NON SLIP CONCRETE TOPPING
- SF-1 SPORTS RUBBER FLOORING
- SF-2 - NOT USED 1
- SF-3 SPORTS RUBBER FLOORING
- SF-4 SPORTS RUBBER FLOORING
- SF-5 SPORTS RUBBER FLOORING
- STF-1 - NOT USED 1
- WDF-1 SPORTS WOOD FLOORING
- TL-2 12X24 PORCELAIN FLOOR TILE
- TL-5 2X4 PORCELAIN FLOOR TILE
- LVT-1 LUXURY VINYL TILE
- LVT-2 LUXURY VINYL TILE

FINISH PLAN KEYNOTES

1. FOR MIRROR AND BALLET BAR EXACT LOCATION AND HEIGHTS REFER TO ELEVATIONS
2. FOR MIRROR AND IMPACT WALL FINISH EXACT LOCATION AND HEIGHTS REFER TO ELEVATIONS
3. FLOOR AND WALL FINISH TO EXTEND BELOW MILLWORK AS NEEDED. REFER TO ELEVATIONS
4. PROVIDE CONCRETE CURB BELOW LOCKERS. REFER TO DETAIL 25 A / A901
5. FOR MATERIAL TRANSITION DETAILS REFER TO DETAIL 21 / A901
6. NOT USED 1
7. REFER TO COURT FLOOR PLAN DRAWINGS FOR NUMBER OF COURTS TO BE PAINTED. FLOORING INSTALLER TO COORDINATE WITH THE COLLEGE ON LINE COLORS. REFER TO WRITTEN SPECIFICATIONS
8. PROVIDE MOTORIZED BLACK OUT SHADES MS-2 AT CLERESTORY WINDOWS AT HIGHER ELEVATIONS.
9. PROVIDE MANUAL SHADES MS-1 AT INTERIOR GLAZING AT OFFICES. SHADE HOUSING WITH FASCIA. REFER TO DETAIL 12 / A903
10. PROVIDE ALUMINUM FLAT T MOLD THRESHOLD AT TRANSITION BETWEEN WOOD AND CONCRETE
11. REFER TO ELEVATIONS FOR AMP PATTERN, SIZES, AND LOCATIONS
12. IRWIN SEATS TO BE COLOR: MAROON (MRN)
13. ELEVATOR CAB INTERIOR FINISHES TO BE: CEILING PANELS: STAINLESS STEEL #4 WALL PANELS: WILSONART SATIN STAINLESS 4930K-18 FLOOR TILES: STF-1
14. STAINLESS STEEL CORNER GUARD. PROVIDE AND INSTALL ABOVE WALL BASE. HEIGHT SHALL BE FULL HEIGHT UNDER SOFFIT OR 7'-10" AT OPEN CEILING. 1
15. PROVIDE AND INSTALL FRP-1 4' x 8' ORIENTED HORIZONTALLY, INSTALLED DIRECTLY ABOVE WALL BASE. 2

FINISH PLAN NOTES:

A. REFER TO SHEET A610 FOR INTERIOR FINISH MATERIAL SPECIFICATIONS

B. REFER TO 21 / A901 FOR FLOOR MATERIAL TRANSITION DETAILS.

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SHEET TITLE
LEVEL 1 FINISH PLAN

SHEET NUMBER
A131

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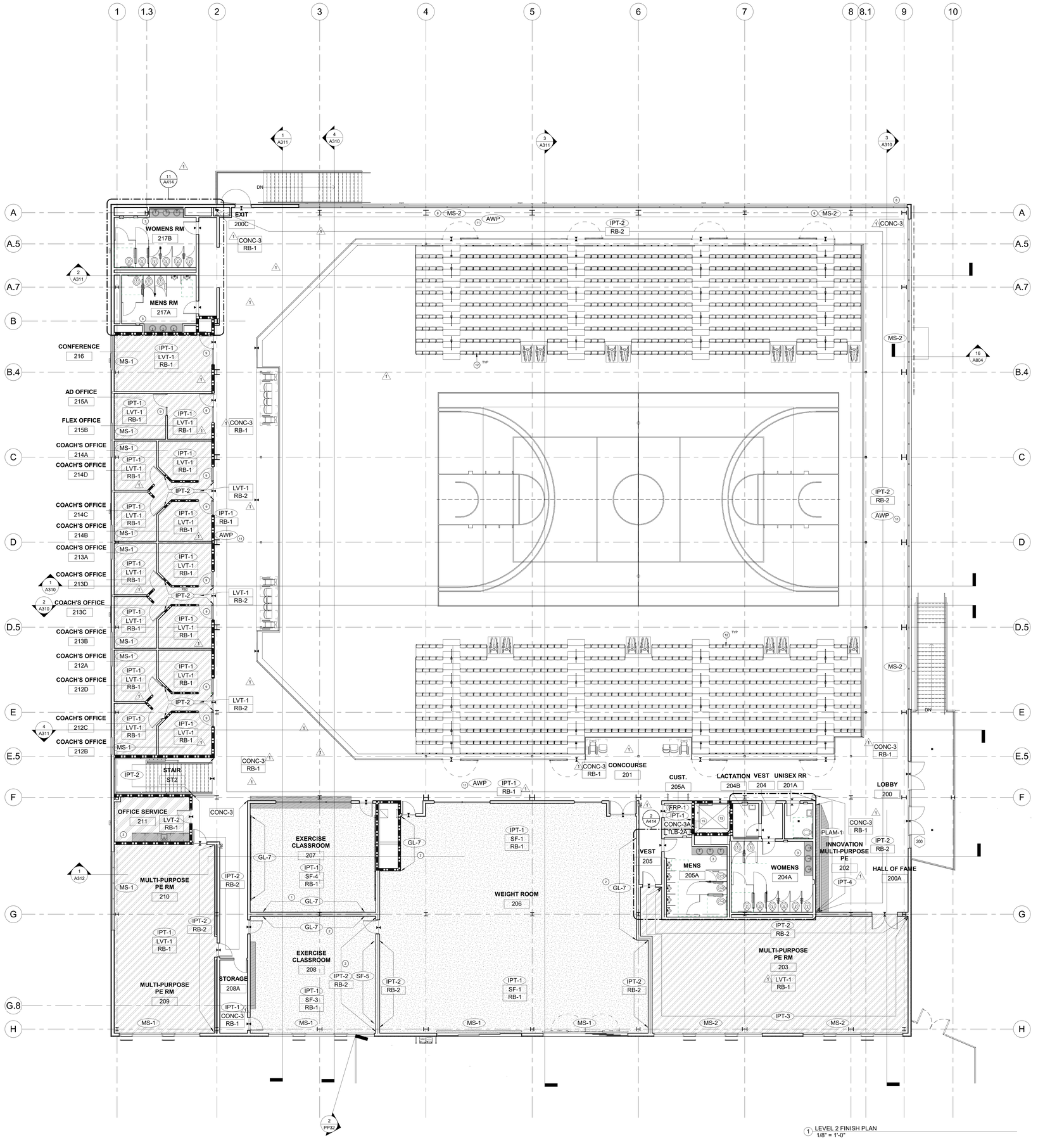

1 LEVEL 2 FINISH PLAN
1/8" = 1'-0"

FINISH PLAN LEGEND

- FLOOR MATERIAL TRANSITION
- WALL / FLOOR / BASE — MATERIAL TAG
- BUILT IN MILLWORK. REFER TO ELEVATIONS AND SECTIONS.
- CPT-1 - NOT USED
- CONC-3 POLISHED AND SEALED CONCRETE
- CONC-3A NON-SLIP CONCRETE
- CONC-4 SEALED CONCRETE
- CONC-5 NON SLIP CONCRETE
- CONC-6 NON SLIP CONCRETE TOPPING
- SF-1 SPORTS RUBBER FLOORING
- SF-2 - NOT USED
- SF-3 SPORTS RUBBER FLOORING
- SF-4 SPORTS RUBBER FLOORING
- SF-6 SPORTS RUBBER FLOORING
- STF-1 - NOT USED
- WDF-1 SPORTS WOOD FLOORING
- TL-2 12X24 PORCELAIN FLOOR TILE
- TL-5 2X4 PORCELAIN FLOOR TILE
- LVT-1 LUXURY VINYL TILE
- LVT-2 LUXURY VINYL TILE

FINISH PLAN KEYNOTES

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5. FOR MATERIAL TRANSITION DETAILS REFER TO DETAIL 21 / A901
6. NOT USED
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9. PROVIDE MANUAL SHADES MS-1 AT INTERIOR GLAZING AT OFFICES. SHADE HOUSING WITH FASCIA. REFER TO DETAIL 12 / A903
10. PROVIDE ALUMINUM FLAT T MOLD THRESHOLD AT TRANSITION BETWEEN WOOD AND CONCRETE
11. REFER TO ELEVATIONS FOR AWP PATTERN, SIZES, AND LOCATIONS
12. IRWIN SEATS TO BE COLOR: MAROON (MRN)
13. ELEVATOR CAB INTERIOR FINISHES TO BE: CEILING PANELS: STAINLESS STEEL #4 WALL PANELS: WILSONART SATIN STAINLESS 4930K-18 FLOOR TILES: STF-1
14. STAINLESS STEEL CORNER GUARD. PROVIDE AND INSTALL ABOVE WALL BASE. HEIGHT SHALL BE FULL HEIGHT UNDER SOFFIT OR 7'-10" AT OPEN CEILING.
15. PROVIDE AND INSTALL FRP-1 (4' x 8' ORIENTED HORIZONTALLY. INSTALLED DIRECTLY ABOVE WALL BASE.

FINISH PLAN NOTES:

A. REFER TO SHEET A610 FOR INTERIOR FINISH MATERIAL SPECIFICATIONS

B. REFER TO 21 / A901 FOR FLOOR MATERIAL TRANSITION DETAILS.

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LEVEL 2 FINISH PLAN

SHEET NUMBER

A132

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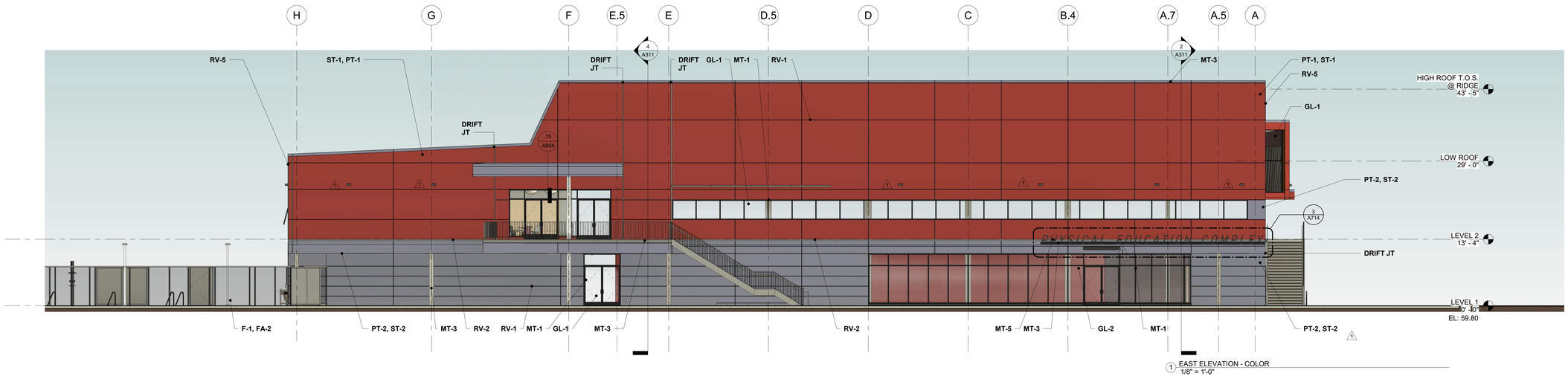

1 EAST ELEVATION - COLOR
1/8" = 1'-0"

2 SOUTH ELEVATION - COLOR
1/8" = 1'-0"

COMPTON COLLEGE PE COMPLEX - MATERIALS LIST:

CONC-1

CAST IN PLACE BOARD FORMED CONCRETE, ARCHITECTURAL GRADE. SMOOTH SACKED FINISH. FILL AND PATCH FORMWORK PANEL FASTENERS NOT TO BE NOTICEABLE. CONCRETE TO BE PREPARED TO MINIMIZE AIR BUBBLES. POLISH TOP EXPOSED SEATING SURFACES.

CONC-2

NOT USED.

CMU-1

CONCRETE MASONRY UNITS AT POOLHOUSE. BOD: USE ANGELUS BLOCK CO. INC. SPECIAL ORDER BURNISHED MEDIUMWEIGHT BLOCKS ONYX AND PRECISION BLOCK SPECIAL ORDER ONYX IN RANDOM ORDER 50% BURNISHED BLOCKS AND 50% PRECISION BLOCKS. JOINTS TO BE IN STACK BOND. GROUT TO BE ANGELUS SPEC MIX MORTAR TYPE S#213 SLATE. PROVIDE RODDED CONCAVE JOINTS ON NORTH SIDE OF BUILDING (STARTING WITH AND NORTH OF GRIDLINE 'K') AND PROVIDE RAKED JOINTS ON SOUTH SIDE OF BUILDING . CONTACT: ROGER BECKET 818.454.6566.

F-1

8 FOOT HIGH CHAINLINK FENCE PROVIDE GALVANIZED FINISH FOR ALL METAL COMPONENTS THROUGHOUT. USE 1 1/4" MESH CONFIRM CHAINLINK FENCE OPENINGS DO NOT EXCEED MAX CODE REQUIREMENT 1 3/4" MEASURED HORIZONTALLY. USE 9 GAUGE.

FA-1

NOT USED.

FA-2

FABRIC COVER OVER POOL AREA FENCE. BOD: FENCESCREEN 750 SERIES COMMERCIAL BLOCK. FINISH COLOR: BLACK. 95% BLOCKAGE, UV RESISTANT, REINFORCED EDGE, GALVANIZED GROMMETS. CONTACT 888.313.6313.

GL-1

INSULATED GLAZING UNIT ALL EXTERIOR LOCATIONS EXCEPT AS NOTED. USE VITRO ARCHITECTURAL GLASS (FORMERLY PPG GLASS) SOLARBAN 70XL (2) SOLARBLUE + CLEAR. FINISH: SOLARBLUE + CLEAR GLASS. SHGC VALUE .23 EXTERIOR REFLECTANCE 8%. VLT 42% CONTACT: CHRIS FRONSOE 360.605.6996. CFRONSOE@VITRO.COM. FOR IGU CONTACT: LOUIS PLASCENCIA 323.353.1563. LPLASCENCIA@OBE.COM.

GL-2

EXTERIOR INSULATED GLAZING UNIT AT MAIN ENTRANCE INTO GYM. USE VITRO ARCHITECTURAL GLASS (FORMERLY PPG GLASS) SOLARBAN 70XL (2) CLEAR + CLEAR GLASS. SHGC VALUE .27. EXTERIOR REFLECTANCE 12%. VLT 64% CONTACT: CHRIS FRONSOE 360.605.6996. CFRONSOE@VITRO.COM. FOR IGU CONTACT: LOUIS PLASCENCIA 323.353.1563. LPLASCENCIA@OBE.COM.

GL-3

TRANSLUCENT IGU AT EXTERIOR RESTROOM ENTRANCE, USE VITRO ARCHITECTURAL GLASS (FORMERLY PPG GLASS) SOLAR CONTROL LOW-E CLEAR SOLARBAN 70 (2) CLEAR + TRANSLUCENT. OUTDOOR LITE: FLOAT GLASS, SPUTTER COATED ON SECOND SURFACE (2). INDOOR LITE: TRANSLUCENT CLEAR FLOAT GLASS VITRO PAVIA CLEAR / COLOR. LOW-E COATING: SOLARBAN 70 SOLAR CONTROL (SPUTTERED LOCATION ON SECOND SURFACE (2). CONTACT: CHRIS FRONSOE 360.605.6996. CFRONSOE@VITRO.COM.

MT-1

PAINTED ALUMINUM MULLIONS AT ALL EXTERIOR WINDOWS AND ALUMINUM DOOR ASSEMBLIES AND STOREFRONT ALUMINUM ASSEMBLIES. USE PPG DURANAR UC515955XL MEDIUM GRAY. WWW.PPGMETALCOATINGS.COM CONTACT: 888.PPG.IDEA.

MT-2

NOT USED

MT-3

PAINTED EXPOSED EXTERIOR STEEL COLUMNS, BEAMS, MISC STEEL ASSEMBLY, STEEL GUARDRAIL ASSEMBLY, STEEL PAINTED FENCE ASSEMBLY AT POOL ENTRANCE AND HOLLOW METAL STEEL DOOR ASSEMBLIES AND FRAMES. PAINT TO BE 3-COAT ZINC/EPOXY/METALLIC FLUOROPOLYMER SYSTEM. USE TNEMEC PAINT. TOPCOAT TO BE SERIES 1078V METALLIC FLUORONAR. COLOR TO BE 61MT DARK ALUMINUM. CONTACT: CHRIS HILLE 720.278.4817, CHILLE@TNEMEC.COM, WWW.TNEMEC.COM

MT-4

NOT USED.

MT-5

PAINTED STEEL COMPTON COLLEGE GRAPHIC ACCENT COLOR. PAINT TO BE 3-COAT ZINC/EPOXY/METALLIC FLUOROPOLYMER SYSTEM. USE TNEMEC PAINT. TOPCOAT TO BE SERIES 1078V METALLIC FLUORONAR. COLOR TO BE 45MT LIGHT STEEL. CONTACT: CHRIS HILLE 720.278.4817, CHILLE@TNEMEC.COM, WWW.TNEMEC.COM

MT-6

NOT USED

MT-7

STEEL HANDRAILS. USE STAINLESS STEEL #4 SATIN FINISH.

MT-8

NOT USED.

MT-9

NOT USED.

PT-1

EXTERIOR BASE PAINT SECOND FLOOR. USE SHERWIN-WILLIAMS SW 7584 RED THEATER. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142.

PT-2

EXTERIOR BASE PAINT AT GROUND FLOOR AND UPPER FLOOR ACCENTS. USE SHERWIN-WILLIAMS SW 7076 CYBERSPACE. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142.

PT-3

EXTERIOR PAINT AT REVEALS. USE SHERWIN-WILLIAMS SW 6258 TRICORN BLACK. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142.

RV-1

3/4" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER HORIZONTAL REVEALS . USE FRY REGLET CHANNEL SCREED PCS-75-75. COLOR TO MATCH PT-3. FRYREGLET.COM

RV-2

3" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER HORIZONTAL REVEAL AT FIRST FLOOR ELEVATION. USE FRY REGLET CHANNEL SCREED PCS-75-300. COLOR TO MATCH PT-3.

RV-3

1/4" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER VERTICAL REVEAL AT FIRST FLOOR ELEVATION. USE FRY REGLET CHANNEL SCREED PCS-75-25/25. COLOR TO MATCH PT-3.

RV-4

1 1/2" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER VERTICAL REVEAL. USE FRY REGLET CHANNEL SCREED PCS-75-150. COLOR TO MATCH PT-3.

RV-5

3/4" WIDE x 3/4" WIDE PAINTED EXT STUCCO PLASTER VERTICAL CORNER REVEAL. USE FRY REGLET X CORNER MOLDING PXM-75-75. COLOR TO MATCH PT-3. SEE DETAIL 20 / A803

RF-1

BASE ROOFING MEMBRANE TO BE PVC THERMOPLASTIC MEMBRANE ROOFING. USE SARNAFIL G410 80, COLOR TO BE WHITE. CONTACT: ROB MALES 562.676.0459 ROB@DESIGN7INC.COM

RFG-1

NOT USED.

RFG-2

BASE ROOFING MEMBRANE TO BE PVC THERMOPLASTIC MEMBRANE ROOFING. USE SARNAFIL G410 80, COLOR TO BE REFLECTIVE GRAY. CONTACT: ROB MALES 562.676.0459 ROB@DESIGN7INC.COM.

ST-1

EXTERIOR COLOR COAT STUCCO CEMENT PLASTER. USE LA HABRA 20/30 SAND FLOAT FINISH. BASE COLOR TO BE BASE 200 X-278 (42) TRABUCO. STUCCO TO BE PAINTED PT-1. WWW.LAHABRASTUCCO.COM CONTACT: TED JONES 714.778.2266.

ST-2

EXTERIOR COLOR COAT STUCCO CEMENT PLASTER. USE LA HABRA 20/30 SAND FLOAT FINISH. BASE COLOR TO BE BASE 200 X-16 (57) SILVER GRAY. STUCCO TO BE PAINTED PT-2. WWW.LAHABRASTUCCO.COM CONTACT: TED JONES 714.778.2266.

TL-1 (TL-1a, TL-1b, TL-1c)

TILE ACCENT WALL AT POOL HOUSE EAST FAÇADE AT EXT SHOWERS. DALTILE KEYSTONE COLORBODY PORCELAIN TILES. USE 2"x2" SQUARE TILES. TILE COLORS TO BE WATERFALL D169, OCEAN BLUE D159 AND AQUA GLOW D197. SEE A714 FOR EACH COLOR AND PATTERN. GROUT TO BE EPOXY GROUT, COLOR TO BE WHITE. DALTILE.COM

NOTES:

CONTRACTOR TO SUBMIT SAMPLES OF ALL MATERIALS AND FINISHES SPECIFIED HEREIN FOR ARCHITECT'S APPROVAL PRIOR TO INSTALLATION. CONTRACTOR IS TO MAKE EVERY EFFORT TO ORDER MATERIALS SPECIFIED HEREIN IN A TIMELY MANNER TO TAKE INTO ACCOUNT LEAD TIMES ASSOCIATED WITH MATERIALS SPECIFIED HEREIN.

STRUERE
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EAST / SOUTH ELEVATIONS

SHEET NUMBER

A300A

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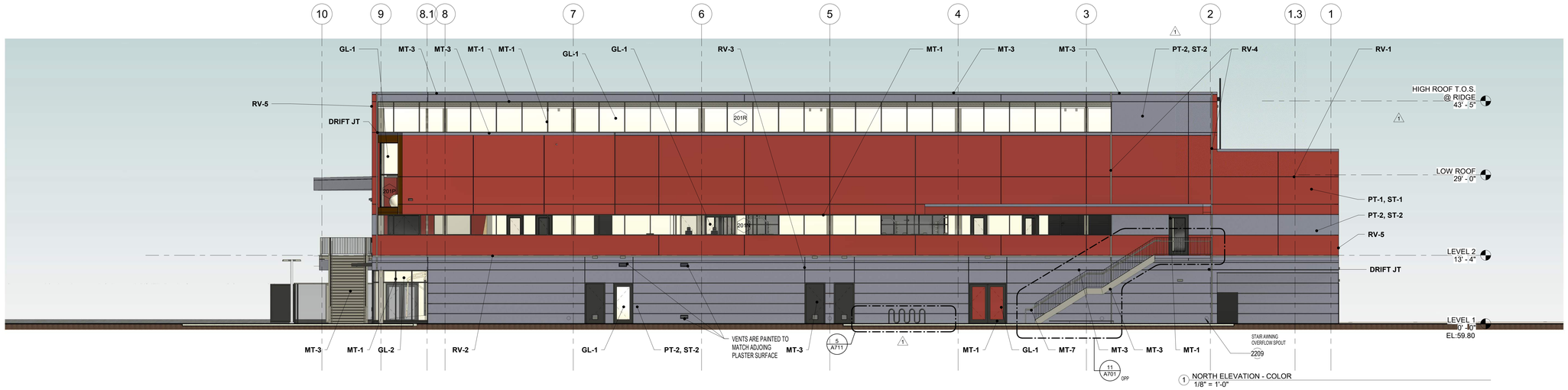
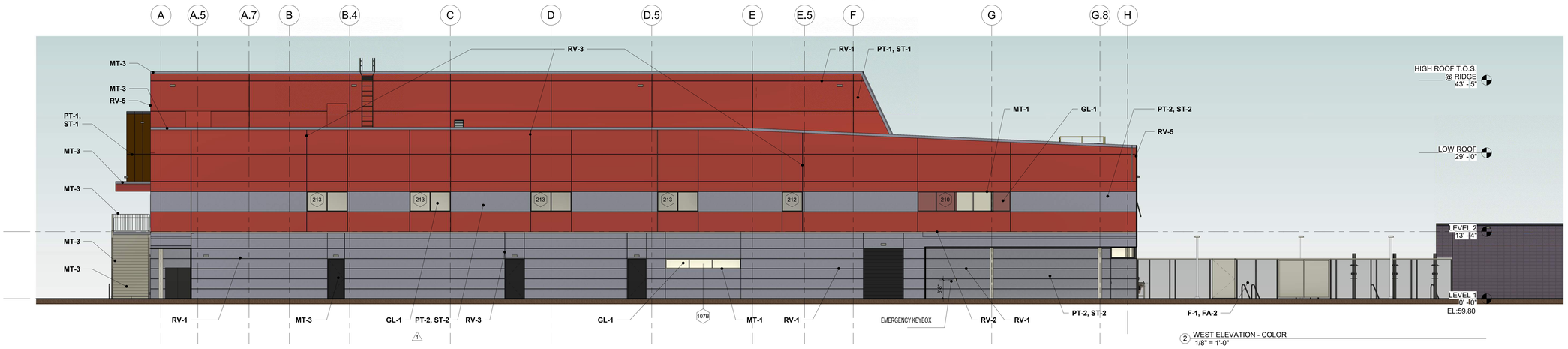
Addendum #2
03/03/2025



1 NORTH ELEVATION - COLOR
1/8" = 1'-0"



2 WEST ELEVATION - COLOR
1/8" = 1'-0"

COMPTON COLLEGE PE COMPLEX - MATERIALS LIST:

CONC-1

CAST IN PLACE BOARD FORMED CONCRETE. ARCHITECTURAL GRADE. SMOOTH SACKED FINISH. FILL AND PATCH FORMWORK PANEL FASTENERS NOT TO BE NOTICEABLE. CONCRETE TO BE PREPARED TO MINIMIZE AIR BUBBLES. POLISH TOP EXPOSED SEATING SURFACES.

CONC-2

NOT USED.

CMU-1

CONCRETE MASONRY UNITS AT POOLHOUSE. BOD: USE ANGELUS BLOCK CO. INC. SPECIAL ORDER BURNISHED MEDIUMWEIGHT BLOCKS ONYX AND PRECISION BLOCK SPECIAL ORDER ONYX IN RANDOM ORDER 50% BURNISHED BLOCKS AND 50% PRECISION BLOCKS. JOINTS TO BE IN STACK BOND. GROUT TO BE ANGELUS SPEC MIX MORTAR TYPE S/#213 SLATE. PROVIDE RODDED CONCAVE JOINTS CO NORTH SIDE OF BUILDING (STARTING WITH AND NORTH OF GRIDLINE "K") AND PROVIDE RAKED JOINTS ON SOUTH SIDE OF BUILDING . CONTACT: ROGER BECKET 818.454.6566.

F-1

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FA-1

NOT USED.

FA-2

FABRIC COVER OVER POOL AREA FENCE. BOD: FENCESCREEN 750 SERIES COMMERCIAL BLOCK. FINISH COLOR: BLACK. 95% BLOCKAGE, UV RESISTANT, REINFORCED EDGE, GALVANIZED GROMMETS. CONTACT 888.313.6313.

GL-1

INSULATED GLAZING UNIT ALL EXTERIOR LOCATIONS EXCEPT AS NOTED. USE VITRO ARCHITECTURAL GLASS (FORMERLY PPG GLASS) SOLARBAN 70XL (2) SOLARBLUE + CLEAR. FINISH: SOLARBLUE + CLEAR GLASS. SHGC VALUE .23 EXTERIOR REFLECTANCE 8%, VLT 42% CONTACT: CHRIS FRONSOE 360.605.6996. CFRONSOE@VITRO.COM. FOR IGU CONTACT: LOUIS PLASCENCIA 323.353.1563. LPLASCENCIA@OBE.COM.

GL-2

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GL-3

TRANSLUCENT IGU AT EXTERIOR RESTROOM ENTRANCE, USE VITRO ARCHITECTURAL GLASS (FORMERLY PPG GLASS) SOLAR CONTROL LOW-E CLEAR SOLARBAN 70 (2) CLEAR + TRANSLUCENT. OUTDOOR LITE: FLOAT GLASS, SPUTTER COATED ON SECOND SURFACE (2). INDOOR LITE: TRANSLUCENT CLEAR FLOAT GLASS VITRO PAVIA CLEAR / COLOR. LOW-E COATING: SOLARBAN 70 SOLAR CONTROL (SPUTTERED LOCATION ON SECOND SURFACE (2). CONTACT: CHRIS FRONSOE 360.605.6996. CFRONSOE@VITRO.COM.

MT-1

PAINTED ALUMINUM MULLIONS AT ALL EXTERIOR WINDOWS AND ALUMINUM DOOR ASSEMBLIES AND STOREFRONT ALUMINUM ASSEMBLIES. USE PPG DURANAR UC51595XL MEDIUM GRAY. WWW.PPGMETALCOATINGS.COM CONTACT: 888.PPG.IDEA.

MT-2

NOT USED

MT-3

PAINTED EXPOSED EXTERIOR STEEL COLUMNS, BEAMS, MISC STEEL ASSEMBLY, STEEL GUARDRAIL ASSEMBLY, STEEL PAINTED FENCE ASSEMBLY AT POOL ENTRANCE AND HOLLOW METAL STEEL DOOR ASSEMBLIES AND FRAMES. PAINT TO BE 3-COAT ZINC/EPOXY/METALLIC FLUOROPOLYMER SYSTEM. USE TNEMEC PAINT. TOPCOAT TO BE SERIES 1079V METALLIC FLUORONAR. COLOR TO BE 61MT DARK ALUMINUM. CONTACT: CHRIS HILLE 720.278.4817, CHILLE@TNEMEC.COM, WWW.TNEMEC.COM

MT-4

NOT USED.

MT-5

PAINTED STEEL COMPTON COLLEGE GRAPHIC ACCENT COLOR. PAINT TO BE 3-COAT ZINC/EPOXY/METALLIC FLUOROPOLYMER SYSTEM. USE TNEMEC PAINT. TOPCOAT TO BE SERIES 1079V METALLIC FLUORONAR. COLOR TO BE 45MT LIGHT STEEL. CONTACT: CHRIS HILLE 720.278.4817, CHILLE@TNEMEC.COM, WWW.TNEMEC.COM

MT-6

NOT USED

MT-7

STEEL HANDRAILS. USE STAINLESS STEEL #4 SATIN FINISH.

MT-8

NOT USED.

MT-9

NOT USED.

PT-1

EXTERIOR BASE PAINT SECOND FLOOR. USE SHERWIN-WILLIAMS SW 7584 RED THEATER. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142.

PT-2

EXTERIOR BASE PAINT AT GROUND FLOOR AND UPPER FLOOR ACCENTS. USE SHERWIN-WILLIAMS SW 7076 CYBERSPACE. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142.

PT-3

EXTERIOR PAINT AT REVEALS. USE SHERWIN-WILLIAMS SW 6258 TRICORN BLACK. WWW.SHERWIN-WILLIAMS.COM CONTACT: SHERWIN-WILLIAMS PASADENA 626.396.1142.

RV-1

3/4" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER HORIZONTAL REVEALS . USE FRY REGLET CHANNEL SCREED PCS-75-75. COLOR TO MATCH PT-3. FRYREGLET.COM

RV-2

3" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER HORIZONTAL REVEAL AT FIRST FLOOR ELEVATION. USE FRY REGLET CHANNEL SCREED PCS-75-300. COLOR TO MATCH PT-3.

RV-3

1/4" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER VERTICAL REVEAL AT FIRST FLOOR ELEVATION. USE FRY REGLET CHANNEL SCREED PCS-75-25/25. COLOR TO MATCH PT-3.

RV-4

1 1/2" WIDE x 3/4" DEEP PAINTED EXT STUCCO PLASTER VERTICAL REVEAL. USE FRY REGLET CHANNEL SCREED PCS-75-150. COLOR TO MATCH PT-3.

RV-5

3/4" WIDE x 3/4" WIDE PAINTED EXT STUCCO PLASTER VERTICAL CORNER REVEAL. USE FRY REGLET X CORNER MOLDING PXM-75-75. COLOR TO MATCH PT-3. SEE DETAIL 20 / A803

RF-1

BASE ROOFING MEMBRANE TO BE PVC THERMOPLASTIC MEMBRANE ROOFING. USE SARNAFIL G410 80, COLOR TO BE WHITE. CONTACT: ROB MALES 562.676.0459 ROB@DESIGN7INC.COM

RFG-1

NOT USED.

RFG-2

BASE ROOFING MEMBRANE TO BE PVC THERMOPLASTIC MEMBRANE ROOFING. USE SARNAFIL G410 80, COLOR TO BE REFLECTIVE GRAY. CONTACT: ROB MALES 562.676.0459 ROB@DESIGN7INC.COM.

ST-1

EXTERIOR COLOR COAT STUCCO CEMENT PLASTER. USE LA HABRA 20/30 SAND FLOAT FINISH. BASE COLOR TO BE BASE 200 X-278 (42) TRABUCO. STUCCO TO BE PAINTED PT-1. WWW.LAHABRASTUCCO.COM CONTACT: TED JONES 714.778.2266.

ST-2

EXTERIOR COLOR COAT STUCCO CEMENT PLASTER. USE LA HABRA 20/30 SAND FLOAT FINISH. BASE COLOR TO BE BASE 200 X-16 (57) SILVER GRAY. STUCCO TO BE PAINTED PT-2. WWW.LAHABRASTUCCO.COM CONTACT: TED JONES 714.778.2266.

TL-1 (TL-1a, TL-1b, TL-1c)

TILE ACCENT WALL AT POOL HOUSE EAST FAÇADE AT EXT SHOWERS. DALTILE KEYSTONE COLORBODY PORCELAIN TILES. USE 2"x2" SQUARE TILES. TILE COLORS TO BE WATERFALL D169, OCEAN BLUE D159 AND AQUA GLOW D197. SEE A714 FOR EACH COLOR AND PATTERN. GROUT TO BE EPOXY GROUT, COLOR TO BE WHITE. DALTILE.COM

NOTES:

CONTRACTOR TO SUBMIT SAMPLES OF ALL MATERIALS AND FINISHES SPECIFIED HEREIN FOR ARCHITECT'S APPROVAL PRIOR TO INSTALLATION. CONTRACTOR IS TO MAKE EVERY EFFORT TO ORDER MATERIALS SPECIFIED HEREIN IN A TIMELY MANNER TO TAKE INTO ACCOUNT LEAD TIMES ASSOCIATED WITH MATERIALS SPECIFIED HEREIN.

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E-MAIL HRAZTAN@STRUERE.COM
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COMPTON COMMUNITY COLLEGE DISTRICT

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PHYSICAL EDUCATION
COMPLEX REPLACEMENT

1111 EAST ARTESIA BLVD,
COMPTON, CA 90221-5393

ISSUE DESCRIPTION

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SHEET TITLE
NORTH / WEST ELEVATIONS

SHEET NUMBER
A301A

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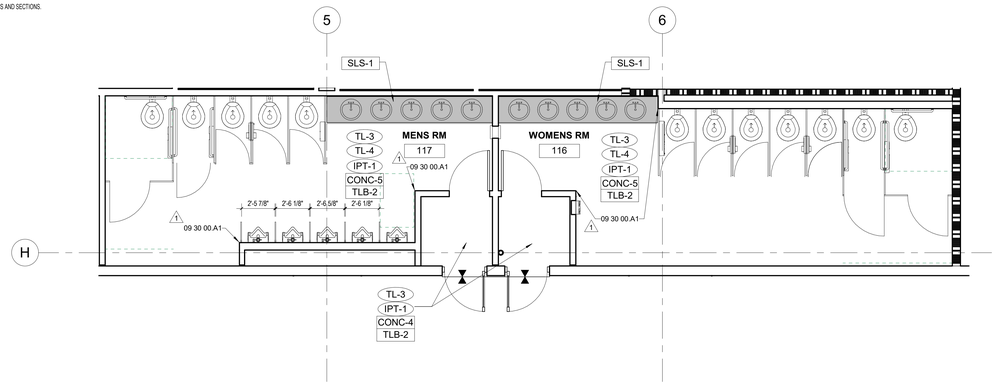
03/03/2025

FINISH LEGEND

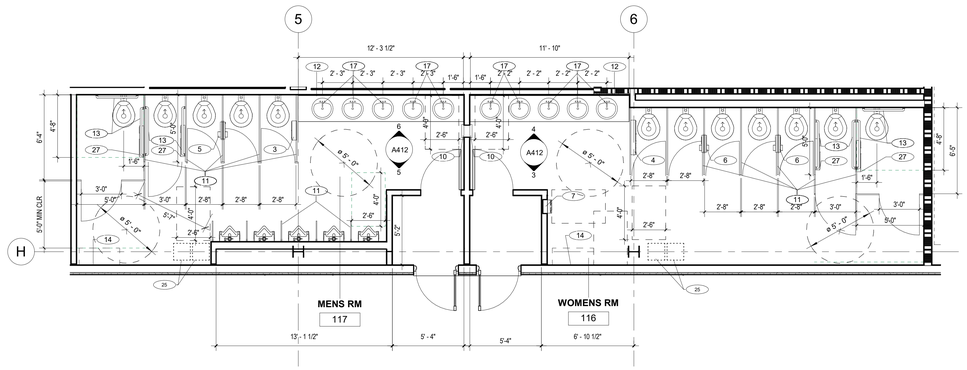
- TILE THRESHOLD AT ALL RESTROOM / LOCKER ROOM DOORS. REFER TO 21 / A901
- FLOOR MATERIAL TRANSITION
- WALL / FLOOR / BASE — MATERIAL TAG
- BUILT IN MILLWORK. REFER TO ELEVATIONS AND SECTIONS.
- CONC-3 POLISHED CONCRETE
- CONC-3A NON-SLIP CONCRETE
- CONC-4 SEALED CONCRETE
- TL-2 12X24 PORCELAIN FLOOR TILE
- TL-5 2X4 PORCELAIN FLOOR TILE

FLOOR PLAN LEGEND

- 30" X 48" CLEAR FLOOR SPACE
- 60" DIA. CLEAR FLOOR SPACE
- ACCESSIBLE LOCKER



2 LEVEL 1 FINISH PLAN - RESTROOMS
1/4" = 1'-0"



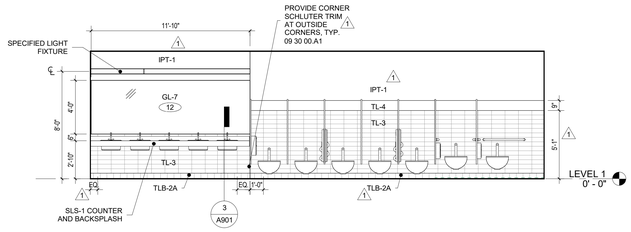
1 LEVEL 1 FLOOR PLAN - RESTROOMS
1/4" = 1'-0"

GENERAL NOTES:

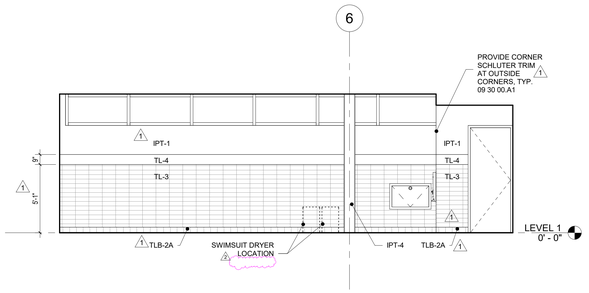
1. HOT WATER SHALL NOT EXCEED 110 DEGREES AND TEMPERATURE LIMIT CANNOT BE ADJUSTED BY THE USER.
2. POOL RESTROOM FLOOR FINISHES ARE NON-SLIP AND NOT ABSORBENT.
3. POOL RESTROOM FLOOR SLOPE NOT LESS THAN 1/4" PER FOOT TO FLOOR DRAINGS.

	TOILET AND SHOWER ACCESSORIES LEGEND
1	RECESSED TOILET SEAT-COVER AND TOILET TISSUE DISPENSER. FOR MEN'S BATHROOM. USE BOBRICK B-3474.
2	RECESSED TOILET SEAT-COVER AND TOILET TISSUE DISPENSER. FOR WOMEN'S BATHROOM. USE BOBRICK B-3574.
3	SURFACE-MOUNTED SEAT-COVER AND TOILET TISSUE DISPENSER. FOR MEN'S BATHROOM. USE BOBRICK B-3476.
4	SURFACE-MOUNTED AND PARTITION SEAT-COVER AND TOILET TISSUE DISPENSER. FOR WOMEN'S BATHROOM. USE BOBRICK B-3579.
5	PARTITION-MOUNTED TOILET SEAT-COVER DISPENSER, AND TOILET TISSUE DISPENSER (SERVES TWO TOILET COMPARTMENTS). FOR MEN'S BATHROOM. USE BOBRICK B-347.
6	PARTITION-MOUNTED TOILET SEAT-COVER DISPENSER, SANITARY NAPKIN DISPOSAL, AND TOILET TISSUE DISPENSER. (SERVES TWO TOILET COMPARTMENTS) FOR WOMEN'S BATHROOM. USE BOBRICK B-357.
7	SEMI RECESSED MOUNTED NAPKINTAMPON VENDOR. FOR WOMEN'S BATHROOM. USE BOBRICK B-3706 25.
8	COAT HOOK WITH BUMPER. USE BOBRICK B-212 AT TOILET PARTITIONS
9	COAT HOOK. USE BOBRICK B-542 AT SHOWERS.
10	SEMI RECESSED HAND DRYER USE BOBRICK B-372S
11	TOILET PARTITIONS – BOBRICK DURALINE SERIES CGL 1186 FLOOR AND CEILING MOUNTED SOLID PHENOLIC MATERIAL. COLOR: FORMICA 515.08 GRAPHITE GRAFIX MATTE FINISH
12	MIRRORS
13	GRAB BARS, 1 1/2" DIA. BY 18 GA S.S. TUBING. WITH 1 1/2" CLEARANCE TO WALL. 48"LONG SIDE WALL, 42" LONG BACK WALL, 42" LONG IN AMBULATORY STALL, 12" VERTICAL AT SHOWER NOTE: AT BACK-TO-BACK GRAB BARS, USE STAINLESS STEEL 1/4" -20 BOLTS AND NUTS PER MANUFACTURER RECOMMENDATIONS
14	BABY CHANGING. USE KOALA BOBRICK #KB110 SSRE
15	SHOWER AREA ADA W.ALL HUNG DRESSING BENCH. USE BOBRICK B-819687
16	TEAK FOLDING TRANSFER BENCH WITH METAL LEGS WWW.TEAKWORKS4U.COM TBF2-48024WW
17	SOAP DISPENSER – SAME AS FAUCET HANDS FREE (CHECK WITH PLUMBING ENGINEERS)
18	SURFACE MOUNTED MOP/BROOM HOLDER AND RAG HOOKS. USE BOBRICK B239
19	SHOWER SEAT. USE BOBRICK B-5192. COLOR TBD
20	RECESSED CONVERTIBLE AUTOMATIC, UNIVERSAL ROLL TOWEL DISPENSER EQUIPPED WITH LED LIGHTWASTE RECEPTACLE. BOBRICK B-3974
21	ADA BENCH – HARDWOOD SEAT WITH METAL LEGS MOUNTED TO THE FLOOR. PER SPECIFICATIONS.
22	SHOWER ROD – BOBRICK B-6107 CLASSIC SERIES 1" DIAMETER SHOWER CURTAIN ROD 36" SHOWER CURTAIN RING AND HOOKS. BOBRICK 204-2
23	METAL LOCKERS 24"x24"x72" PER WRITTEN SPECIFICATIONS
24	METAL LOCKERS 18"x24"x72" PER WRITTEN SPECIFICATIONS
25	SWIMSUIT DRYER. USE SUITMATE EC3
26	SURFACE-MOUNTED SEAT-COVER AND TOILET TISSUE DISPENSER B-30919
27	SURFACE-MOUNTED SEAT-COVER AND TOILET TISSUE DISPENSER B-30929
28	DRINKING FOUNTAIN GRAB BAR - 1 1/2" DIAMETER STAINLESS STL B-818298

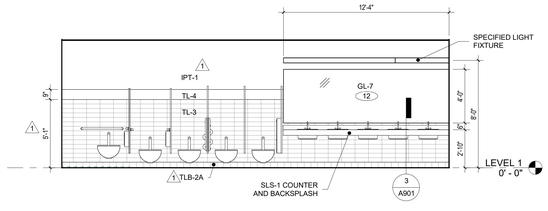
KEYNOTES	
09 30 00.A1	WALL OUTSIDE CORNER METAL PROTECTION



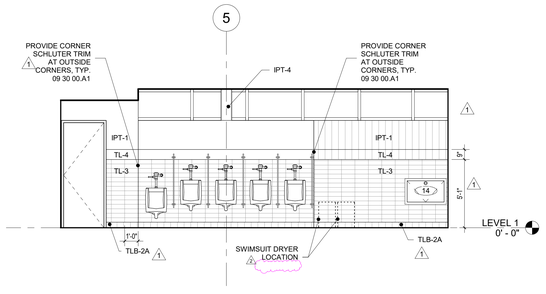
4 WOMENS RM 116 NORTH ELEVATION
1/4" = 1'-0"



3 WOMENS RM 116 SOUTH ELEVATION
1/4" = 1'-0"



6 MENS RM 117 NORTH ELEVATION
1/4" = 1'-0"



5 MENS RM 117 SOUTH ELEVATION
1/4" = 1'-0"

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SHEET NUMBER

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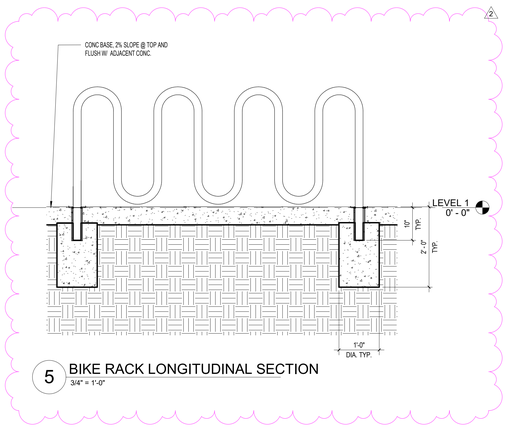
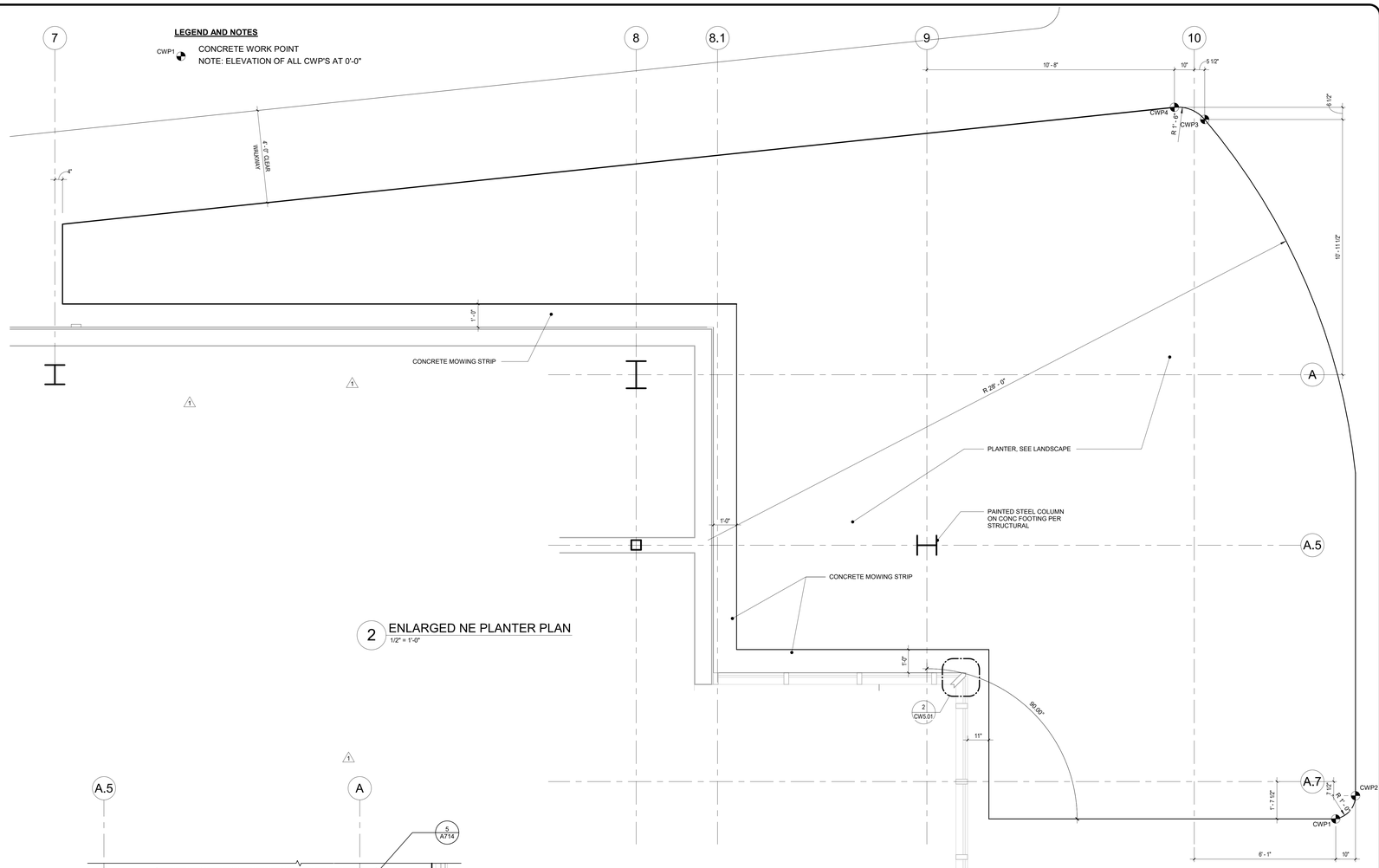
LEGEND AND NOTES

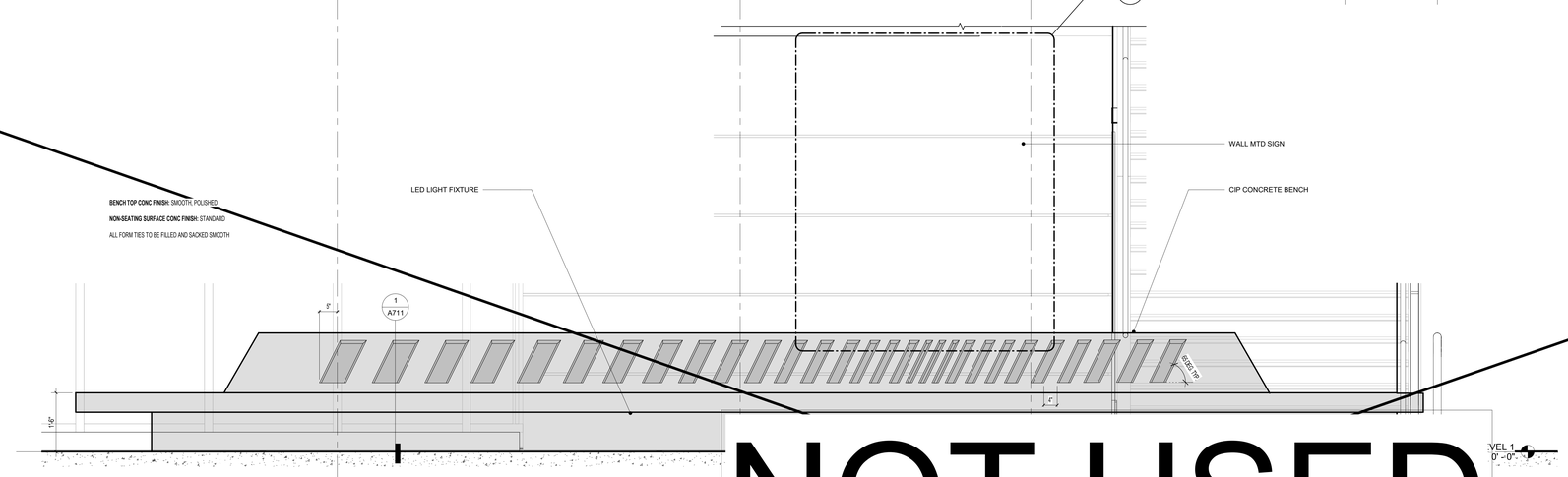
CWP1 — CONCRETE WORK POINT
NOTE: ELEVATION OF ALL CWP'S AT 0'-0"



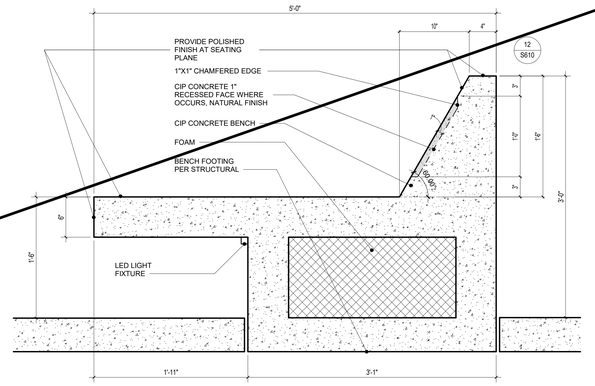
5 BIKE RACK LONGITUDINAL SECTION
3/4" = 1'-0"



2 ENLARGED NE PLANTER PLAN
1/2" = 1'-0"



4 EAST ELEVATION
3/4" = 1'-0"



1 CONCRETE BENCH SECTION
1 1/2" = 1'-0"

3 NORTH ELEVATION
3/4" = 1'-0"

NOT USED

D.12

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DETAILS - NORTHEAST BENCH

SHEET NUMBER
A711

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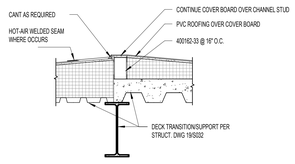
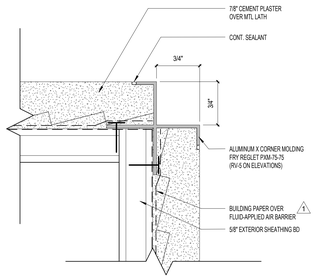
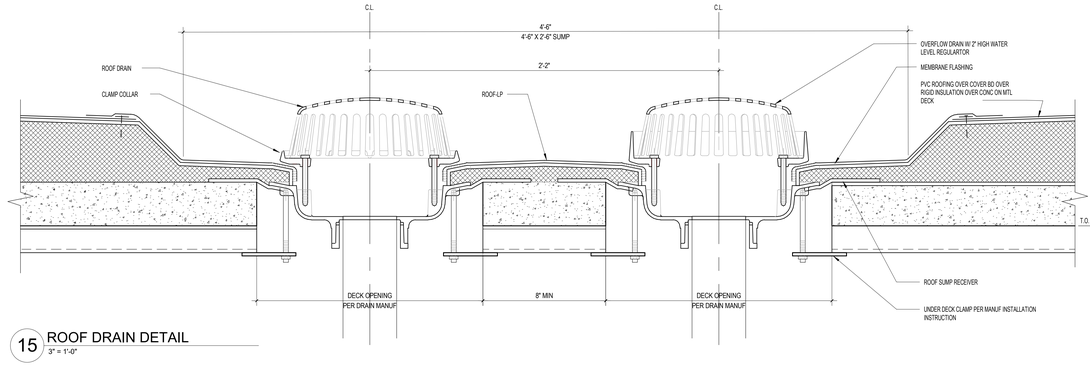


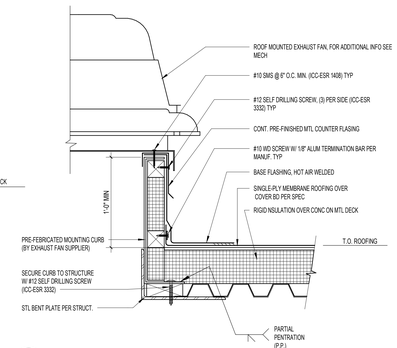
25 ROOFING TRANSITION AT DECKS
3/4" = 1'-0"



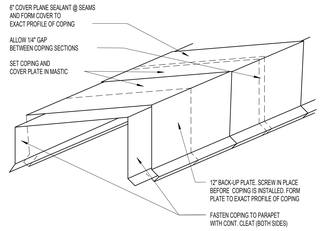
20 PLASTER CORNER REVEAL
12" = 1'-0"

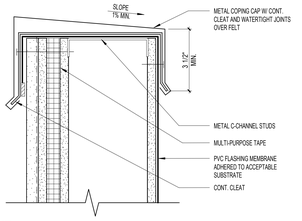


15 ROOF DRAIN DETAIL
3" = 1'-0"



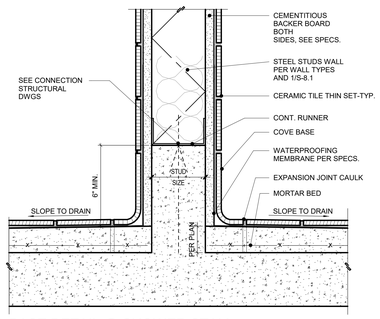
5 SELF FLASHING EXHAUST CURB
1 1/2" = 1'-0"



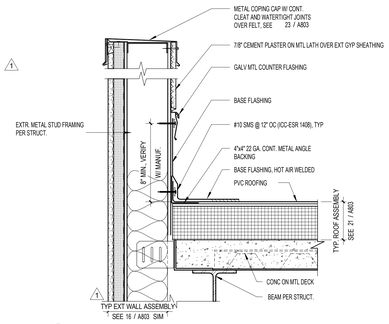


NOTE:
1. NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MIN FORCE OF 300 P.L.F.
2. VAPOR BARRIER SHALL BE SEALED AT EDGES.

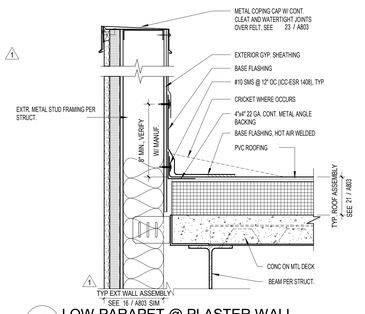
23 ROOF PARAPET COPING, TYPICAL
3" = 1'-0"



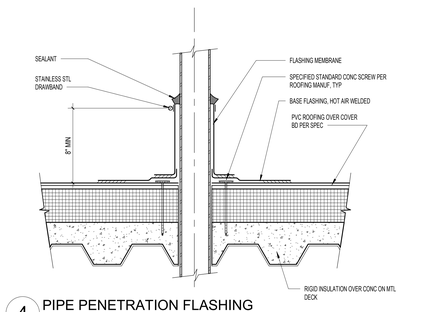
19 BASE DETAIL @ SHOWER STALL
3" = 1'-0"



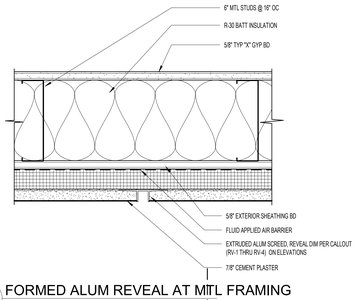
14 PARAPET @ PLASTER WALL
1 1/2" = 1'-0"



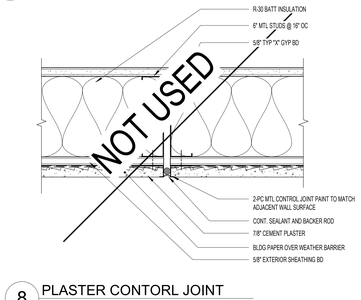
9 LOW PARAPET @ PLASTER WALL
1 1/2" = 1'-0"



4 PIPE PENETRATION FLASHING
1 1/2" = 1'-0"

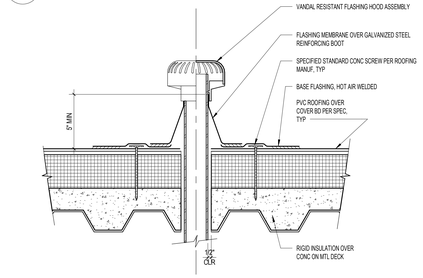


13 FORMED ALUM REVEAL AT MTL FRAMING
3" = 1'-0"



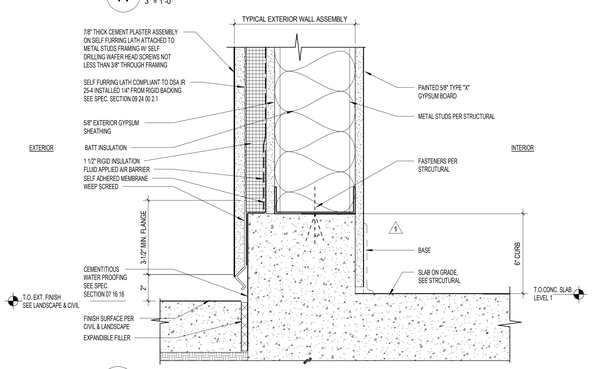
NOT USED

8 PLASTER CONTORL JOINT
3" = 1'-0"

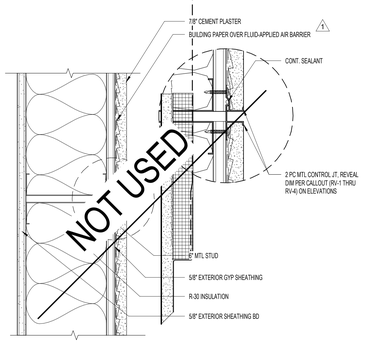


3 VENT PIPE W/ VANDAL RESISTANT HOOD
1 1/2" = 1'-0"

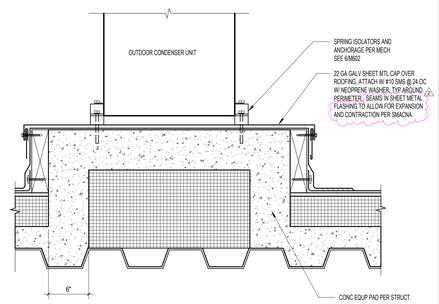
17 BASE DETAIL AT STUD WALL @ TILE
3" = 1'-0"



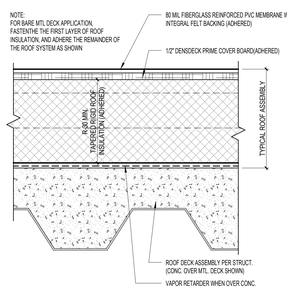
18 BASE DETAIL @ RESTROOM COMMON WALL
3" = 1'-0"



7 ROOF HATCH DETAIL
1 1/2" = 1'-0"

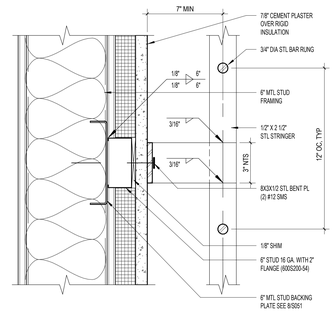


2 CONDENSER UNIT EQUIPMENT PAD
1 1/2" = 1'-0"

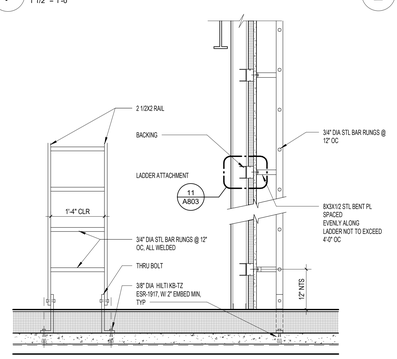


21 TYPICAL ROOF ASSEMBLY
3" = 1'-0"

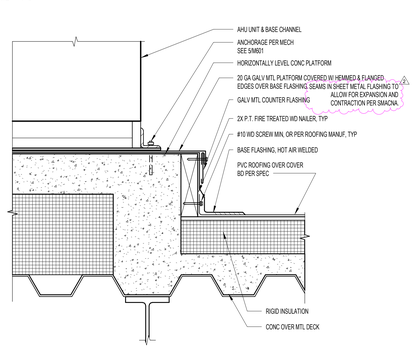
16 TYPICAL EXTERIOR PLASTER WALL BASE
3" = 1'-0"



11 LADDER DETAILS
1 1/2" = 1'-0"



6 LADDER SECTION
1 1/2" = 1'-0"



1 AIR HANDLING UNIT EQUIPMENT PAD
1 1/2" = 1'-0"

Struere
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LICENSED ARCHITECT HRAZTAN ZEYTLIAN 28719 RENEWAL DATE: 04/30/25 STATE OF CALIFORNIA

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE PHYSICAL EDUCATION COMPLEX REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	22.09.09
1	ADDENDUM 1	24.07.08
2	ADDENDUM 2	25.02.26

SHEET TITLE
EXTERIOR DETAILS

SHEET NUMBER
A803

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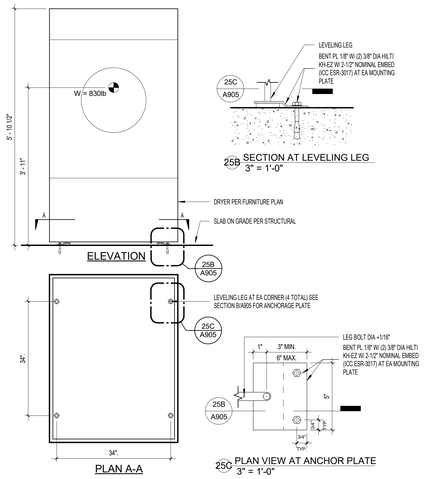
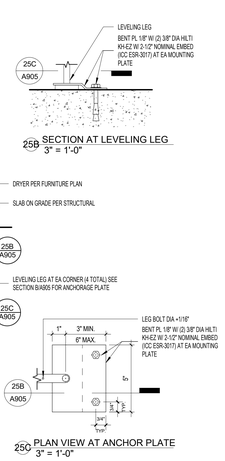
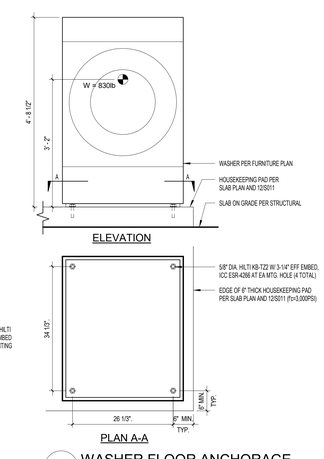
2/27/2025 7:13:23 PM

PCM3 Received
Addendum #2
03/03/2025

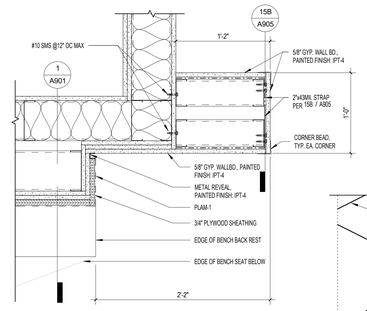




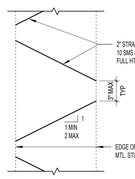
25 DRYER FLOOR ANCHORAGE
3/4" = 1'-0"



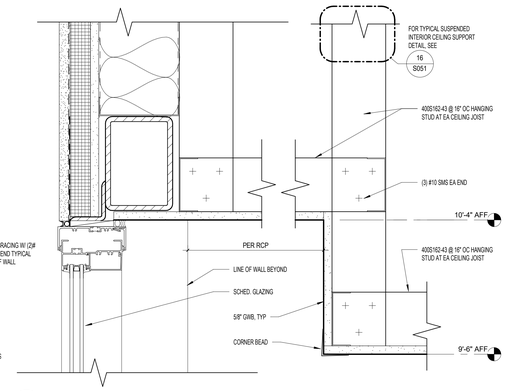
20 WASHER FLOOR ANCHORAGE
3/4" = 1'-0"



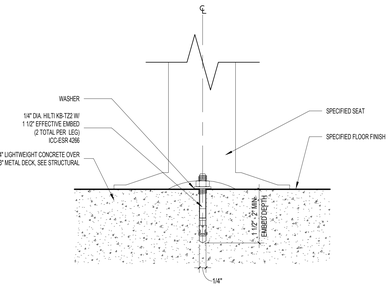
15 BENCH AT LOBBY SIDEWALL
1 1/2" = 1'-0"



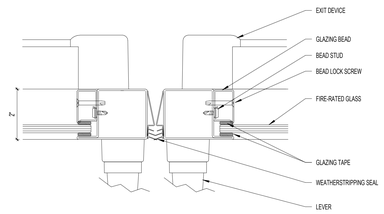
15B SECTION ELEVATION AT STRAP
1 1/2" = 1'-0"



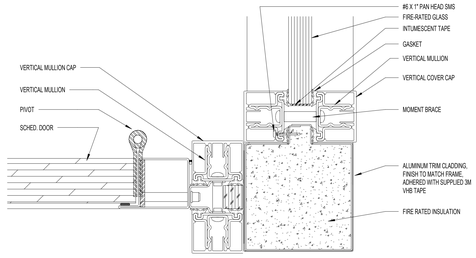
10 CLG GYP - CEILING TRANSITION AT WINDOW
3" = 1'-0"



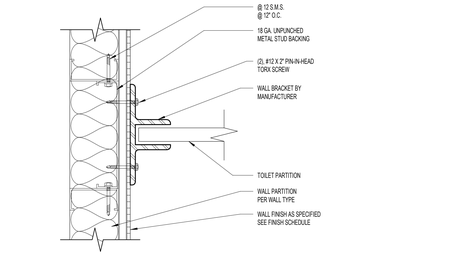
5 FIXED SEATING ANCHORAGE
6" = 1'-0"



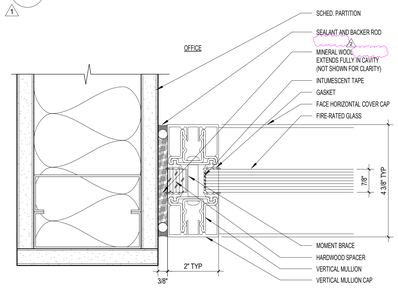
14 FIRE RATED DOOR - ACTIVE/ACTIVE MEETING STILE
6" = 1'-0"



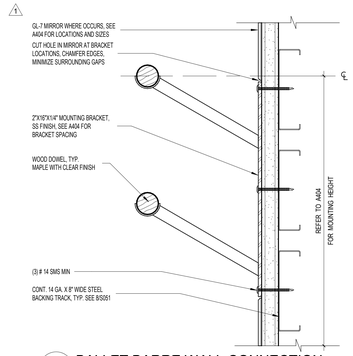
9 FIRE RATED GLAZING - 90 DEG CORNER AT DOOR
6" = 1'-0"



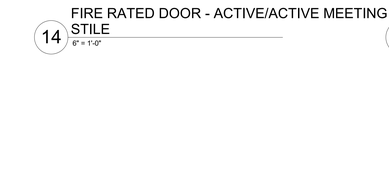
4 TOILET PARTITION WALL CONNECTION
1 1/2" = 1'-0"



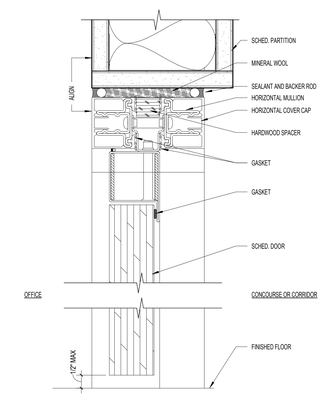
24 FIRE RATED GLAZING - JAMB 2
6" = 1'-0"



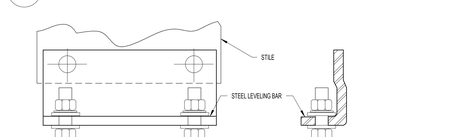
19 BALLET BARRE WALL CONNECTION
3" = 1'-0"



13 FIRE RATED GLAZING - HEAD
6" = 1'-0"

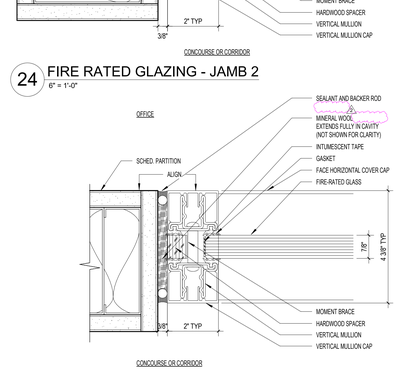


8 FIRE RATED DOOR - HEAD
6" = 1'-0"

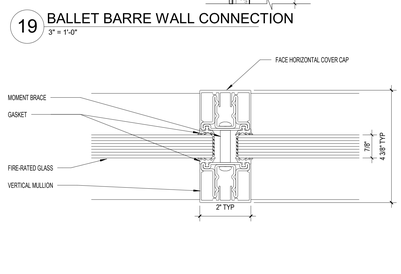


FLOOR ANCHORED LEVELING DEVICE

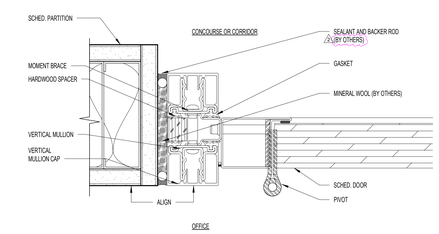
3 TOILET PARTITION FLOOR CONNECTION
1 1/2" = 1'-0"



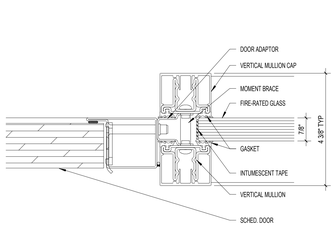
23 FIRE RATED GLAZING - JAMB
6" = 1'-0"



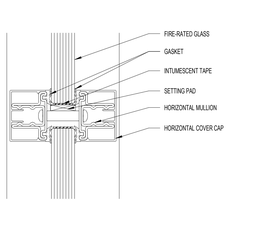
18 FIRE RATED GLAZING - INTERMEDIATE MULLION SECTION
6" = 1'-0"



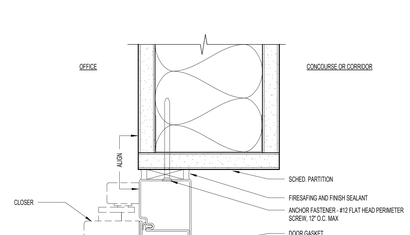
22 FIRE RATED DOOR - PIVOT JAMB
6" = 1'-0"

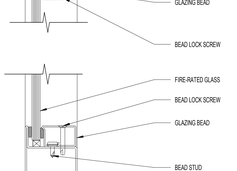


17 FIRE RATED DOOR - LOCKING JAMB
6" = 1'-0"

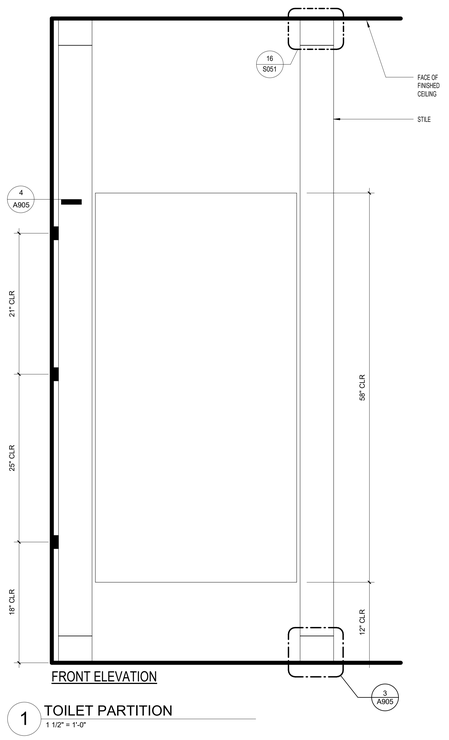


12 FIRE RATED GLAZING - MULLION SECTION
6" = 1'-0"

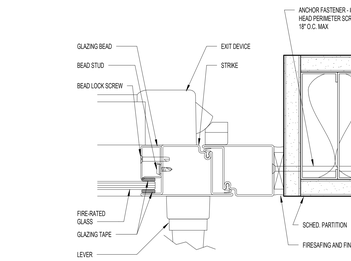




6 FIRE RATED GLASS DOOR - HEADER
6" = 1'-0"



1 TOILET PARTITION
1 1/2" = 1'-0"



21 FIRE GLASS RATED DOOR - PIVOT JAMB
6" = 1'-0"

16 FIRE GLASS RATED DOOR - LOCKING JAMB
6" = 1'-0"

11 FIRE RATED GLAZING -SILL
6" = 1'-0"

Structure
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Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE PHYSICAL EDUCATION COMPLEX REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

	DSA SUBMITTAL	22.09.09
1	ADDENDUM 1	24.07.08
2	ADDENDUM 2	25.02.26

SHEET TITLE
INTERIOR DETAILS

SHEET NUMBER
A905

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7/28/2022 8:42:32 AM

PCM3 Received
Addendum #2
03/03/2025

GLASS SCHEDULE / MATERIAL LEGEND

GLASS	SYMBOL	DESCRIPTION
	GL-1	1" INSULATED GLASS UNIT VITRO ARCHITECTURAL GLASS SOLARBAN 70XL (2) SOLARBLUE + CLEAR - FINISH: SOLARBLUE + CLEAR GLASS - SHGC VALUE: 0.23 - EXTERIOR REFLECTANCE: 8% - VLT: 42%
	GL-2	1" INSULATED GLASS UNIT VITRO ARCHITECTURAL GLASS SOLARBAN 70XL (2) CLEAR + CLEAR GLASS - SHGC VALUE: 0.27 - EXTERIOR REFLECTANCE: 12% - VLT: 64%
	GL-4	1/4" CLEAR TEMPERED GLASS
	GL-5	1/2" CLEAR TEMPERED GLASS
	GL-6	LAMINATED TRANSLUCENT GLASS (1/4" OR 3/8")

SETTING BLOCKS

BLOCK	SYMBOL	DESCRIPTION
	SB01	Setting Block [1" x 5/8" x 4"]
	SB02	Setting Block [1" x 3/8" x 4"]
	SB03	Setting Block [1" x 5/16" x 4"]
	SB04	Setting Block [1/2" x 1/2" x 4"]
	SB05	Setting Block [1/2" x 7/8" x 4"]
	SB06	Setting Block [1" x 5/8" x 4"]
	SB07	Setting Block [13/16" x 5/8" x 4"]
	SB08	Setting Block [1" x 7/16" x 4"]

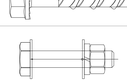
GASKET TABLE:

GASKET	SYMBOL	GASKET No.	DESCRIPTION
	G01	VTL-TG	AFG601T & AFG451T Gasket
	G02		
	G03	AWB-C4375	Anti Walk Block
	G04	E260	Door Front Gasket
	G05	E150	Door Back Gasket
	G06		
	G07		Door Bulb Gasket
	G08		
	G09		
	G10	0950110	Fin-seal Weatherstrip
	G11		
	G12	5051	Fin-seal Weatherstrip
	G13	S6102	S6102 Back Gasket

REPETITIVE NOTES:

NO	DESCRIPTION
01	SILICONE SEALANT WITH OPEN-CELL BACKER ROD (NOT BY ARCADIA)
01a	WEATHER SEAL SEALANT WITH BACKER ROD (NOT BY ARCADIA)
02	3/4" X 5/16" WEEP HOLE APPROX. 6" FROM EACH END
03	3/4" X 5/16" WEEP HOLE APPROX. 3" FROM EACH END WITH WEEP BAFFLE-2 PER LITE
04	4" LONG SOLID SHIM WITH SEALANT
06	FACTORY SEAL AT VERTICAL MULLION
07	SEAL AT FASTENER LOCATIONS
08	1/8" thk END DAM BEDDED IN SEALANT AND SEALED THOROUGHLY
10	5/16" x 5/8" WEEP SLOT @ 4" FROM END SIDE OF MULLION WITH WEEP BAFFLE - 2 PER LITE
11	CLEAR HOLE AT SCREW LOCATION AS MENTIONED IN DETAIL
12	ACCESS HOLE AT FASTENER LOCATION

FASTENERS:

TAG (FT.SL.X)	DESCRIPTION FT = Fastener Type, SL = Size and Length, X = P for Zinc Plated or S for Stainless Steel		
PH.6x0.5.P	#6 x 1/2" PAN HEAD SHEET METAL SCREW		
PH.12x1.5 S	12-14 x 1 1/2" PAN HEAD SHEET METAL SCREW		
FH.12x1.5 S	12-14 x 1 1/2" PAN HEAD SHEET METAL SCREW		
PH.12x.75 S	12-14 x 3/4" PAN HEAD SHEET METAL SCREW		
FH.12x.75 S	12-14 x 3/4" FLAT HEAD SHEET METAL SCREW		
HH.1/4x14x2.5ST	1/4"-14 x 2 1/2" LONG HEX HEAD DRIL-FLEX, STALGARD FINISH		ESR-3332
HILTI.3/8X3 1/2".S.S	3/8"DIA X3 1/2" HILTI HUS-EZ		ESR-3027
BT.3/8 X 1 1/4".S.S	3/8"DIA X 1 1/4" STAINLESS STEEL THRU BOLT		

SYMBOL LEGEND

COLUMN LINE DESIGNATION — COL / COL

CENTER LINES

MATCH LINE SYMBOL — MATCH LINE / FOR CONTINUATION SEE DWG X123

BREAK LINES

DOOR REFERENCE # — X

DETAIL KEY TYPE 1 — DETAIL NUMBER: X; SHEET ON WHICH DETAIL IS DRAWN: X.XX

DETAIL KEY TYPE 2 — DETAIL NUMBER: X; SHEET ON WHICH DETAIL IS DRAWN: X.XX

SECTION KEY — SECTION NUMBER: X; SHEET ON WHICH SECTION IS DRAWN: X.XX

ELEVATION REFERENCE — ELEVATION DESIGNATION: X; SHEET ON WHICH ELEVATION IS DRAWN: X.XX

BLDG. HEIGHT ELEVATION (@ ELEV & SECTIONS) — 100'-0" FIN. FLR

ARROW NORTH — NORTH

PART NO. REFERENCE — PART

DIMENSION POINT

WINDLOAD ANCHOR — SECTION VIEW / ELEV VIEW

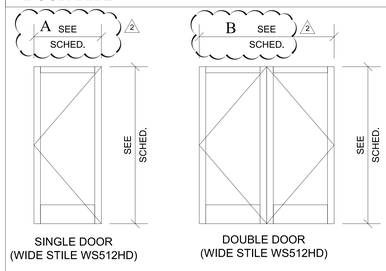
DEADLOAD ANCHOR — SECTION VIEW / ELEV VIEW

DOOR SCHEDULE

SEE SEPARATE SUBMITTAL FOR DOOR HARDWARE

NO.	TYPE	WIDTH	HEIGHT	H/W	MATERIAL	LOCATION (BLDG. C)	REMARKS
115C	B	1 6'-2"	8'-0"	1.0	AL-GL	CORRIDOR 115	AFG601T @ 115C/CW3.01
115A	B	7'-0"	8'-0"	1.0	AL-GL	CORRIDOR 115	AFG601T @ 115A/CW3.01
115E	A	3'-0"	8'-0"	6.0	AL-GL	CORRIDOR 115	AFG601T @ 115C/CW3.01
200A	B	6'-6"	8'-0"	1.0	AL-GL	LOBBY 200	AFG601T @ 200/CW3.01
200B	B	6'-6"	8'-0"	1.0	AL-GL	HALL OF FAME 200A	AFG601T @ 200/CW3.01
100	B	7'-0"	8'-0"	1.0	AL-GL	EVENT FLOOR + SEATING 100	AFG601T @ 100/CW3.01
114B	A	3'-6"	7'-9"	2.0	AL-GL	LAUNDRY 114B	AFG451T @ 114B/CW3.16
116A	A	3'-0"	8'-0 7/8"	4.0	AL-GL	WOMENS RM 116	AFG451T @ 105S/CW3.11
117A	A	3'-0"	8'-0 7/8"	4.0	AL-GL	MENS RM 117	AFG451T @ 105S/CW3.11
115B	B	6'-0"	7'-9"	4.0	AL-GL	CORRIDOR 115	AFG451T @ 115B/CW3.17
115F	B	7'-0"	7'-9"	1.1	AL-GL	CORRIDOR 115	AFG451T @ 115F/CW3.17
200C	A	3'-6"	8'-0"	3.0	AL-GL	EXIT 200C	AFG451T @ 200C/CW3.17
P03	A	3'-0"	7'-9"	2.0	AL-GL	POOL OFFICE P03	AFG451T @ P03_D/CW3.16
201A	A	3'-0"	7'-9"	27.0	AL-GL	UNISEX RR 201A	AF450 @ 201A/CW3.34
204	A	3'-0"	7'-9"	16.5	AL-GL	VEST 204	AF450 @ 204/CW3.34
205	A	3'-0"	7'-9"	17.0	AL-GL	VEST 205	AF450 @ 205/CW3.34
208B	A	3'-0"	7'-9"	15.0	AL-GL	EXERCISE CLASSROOM 208	AF450 @ 208B/CW3.34
208C	A	3'-0"	7'-9"	15.0	AL-GL	EXERCISE CLASSROOM 208	AF450 @ 208C/CW3.34
209	A	3'-0"	7'-9"	14.0	AL-GL	MULTI PURPOSE 209	AF450 @ 209/CW3.34
210	A	3'-0"	7'-9"	14.0	AL-GL	MULTI PURPOSE PE RM 210	AF450 @ D_210/CW3.34
206A	B	6'-0"	7'-9"	13.0	AL-GL	WEIGHT ROOM 206	AF450+ @ 206A/CW3.41
206B	A	3'-0"	7'-9"	14.0	AL-GL	WEIGHT ROOM 206	AF450+ @ 206B/CW3.41
207	A	3'-0"	7'-9"	15.0	AL-GL	EXERCISE CLASSROOM 207	AF450+ @ D_207/CW3.41

DOOR TYPE



SINGLE DOOR (WIDE STILE WS512HD)

DOUBLE DOOR (WIDE STILE WS512HD)

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COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE PHYSICAL EDUCATION COMPLEX REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

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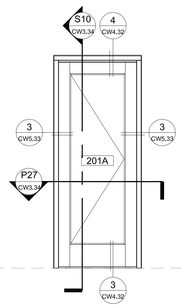

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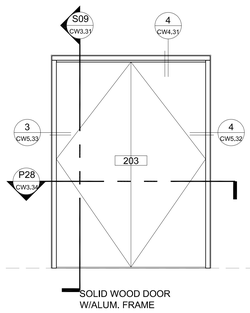
Arch Ref: N/A



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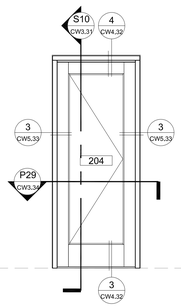

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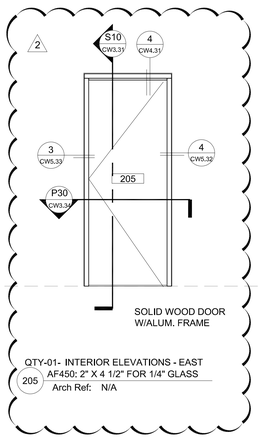

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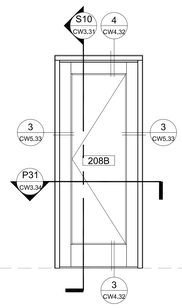

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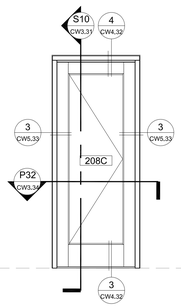

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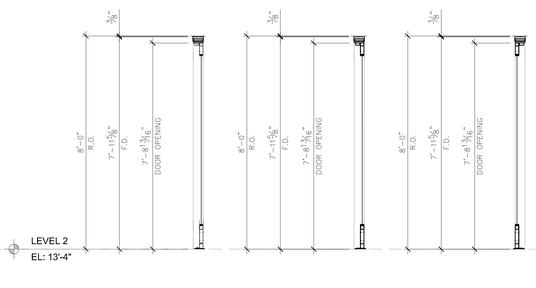
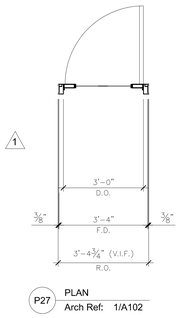
Arch Ref: N/A



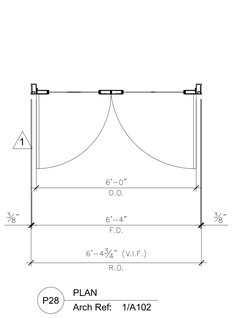
S09 SECTION
Arch Ref: N/A

S10 SECTION
Arch Ref: N/A

S11 SECTION
Arch Ref: N/A



P27 PLAN
Arch Ref: 1/A102



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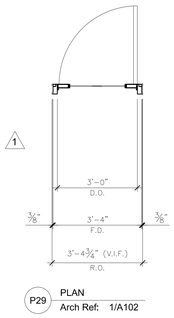

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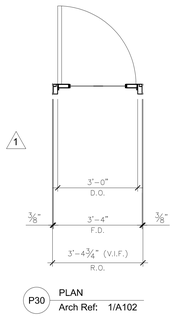

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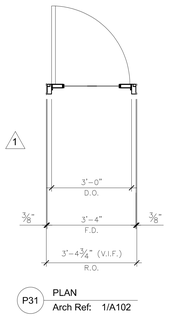

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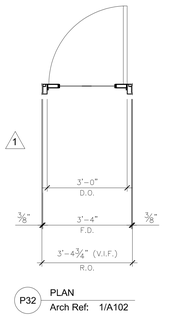
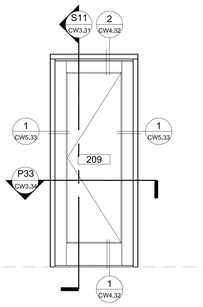


P32 PLAN
Arch Ref: 1/A102

WS512HD DOORS

DOOR NO.	NOS.	TYPE	HW#
201A	1	HRSI	-
204	1	HRSI	-
208B	1	HLSI	-
208C	1	HRSI	-
209	1	HLSO	-
210	1	HRSO	-
211	1	HRSI	-



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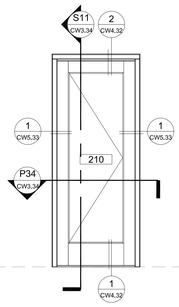
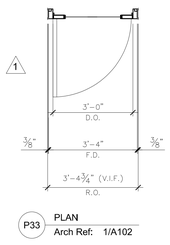
Arch Ref: N/A



QTY-01- INTERIOR ELEVATIONS - EAST
D_210 AF450: 2" X 4 1/2" FOR 1/4" GLASS
Arch Ref: N/A

LEVEL 2
EL: 13'-4"



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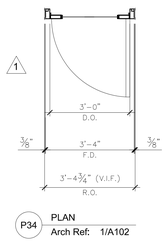

P34 PLAN
Arch Ref: 1/A102

GLASS LEGEND

GL-01	1" INSULATED GLAZING UNIT
GL-02	1" INSULATED GLAZING UNIT
GL-04	1/4" CLEAR TEMPERED GLASS
GL-05	1/2" CLEAR TEMPERED GLASS
GL-06	LAMINATED TRANSLUCENT GLASS

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AF450 INTERIOR ELEVATION

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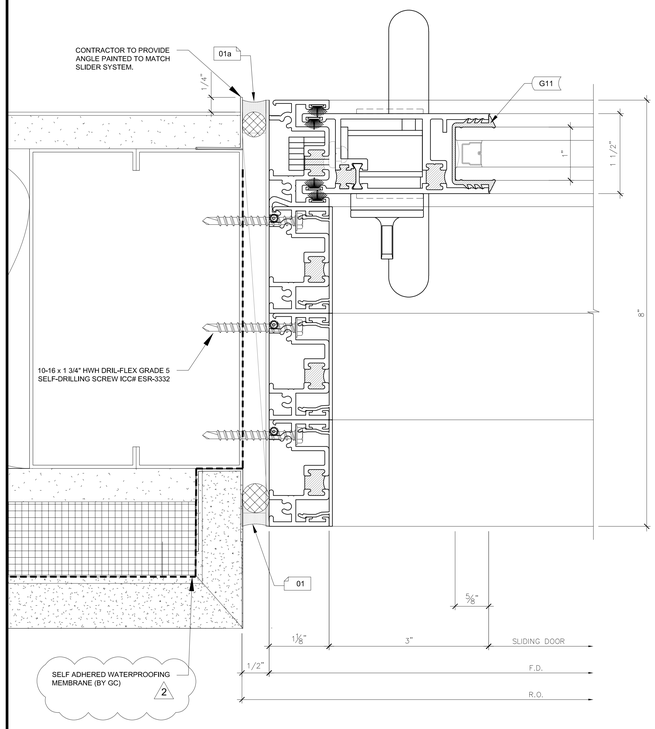

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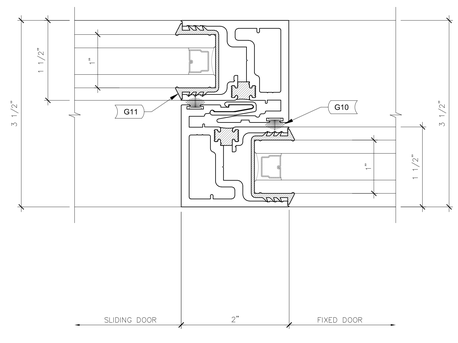
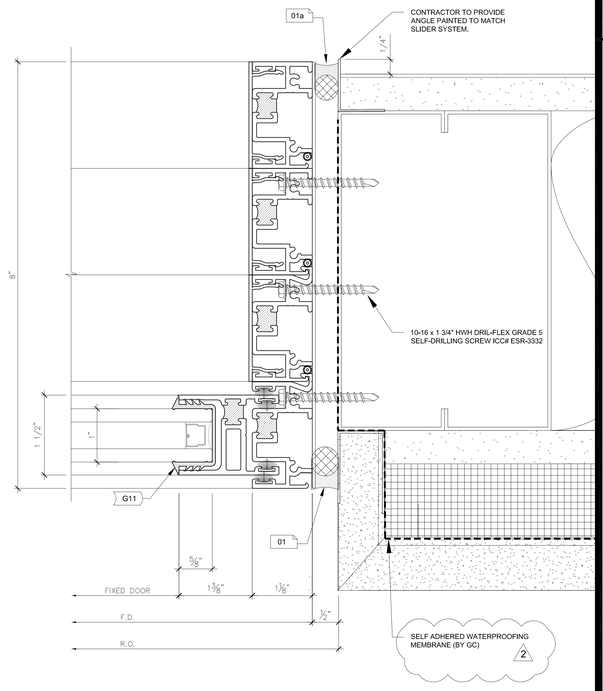
Arch Ref: 16/A902
Shop Ref: 206E/3.21, 206W/3.21



2 ULT5920 INT. DETAIL
Arch Ref: 16/A902
Shop Ref: 206E/3.21, 206W/3.21



3 ULT5920 JAMB DETAIL
Arch Ref: 16/A902
Shop Ref: 206E/3.21, 206W/3.21

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ULT5920
PLAN DETAILS

SHEET NUMBER

CW5.21

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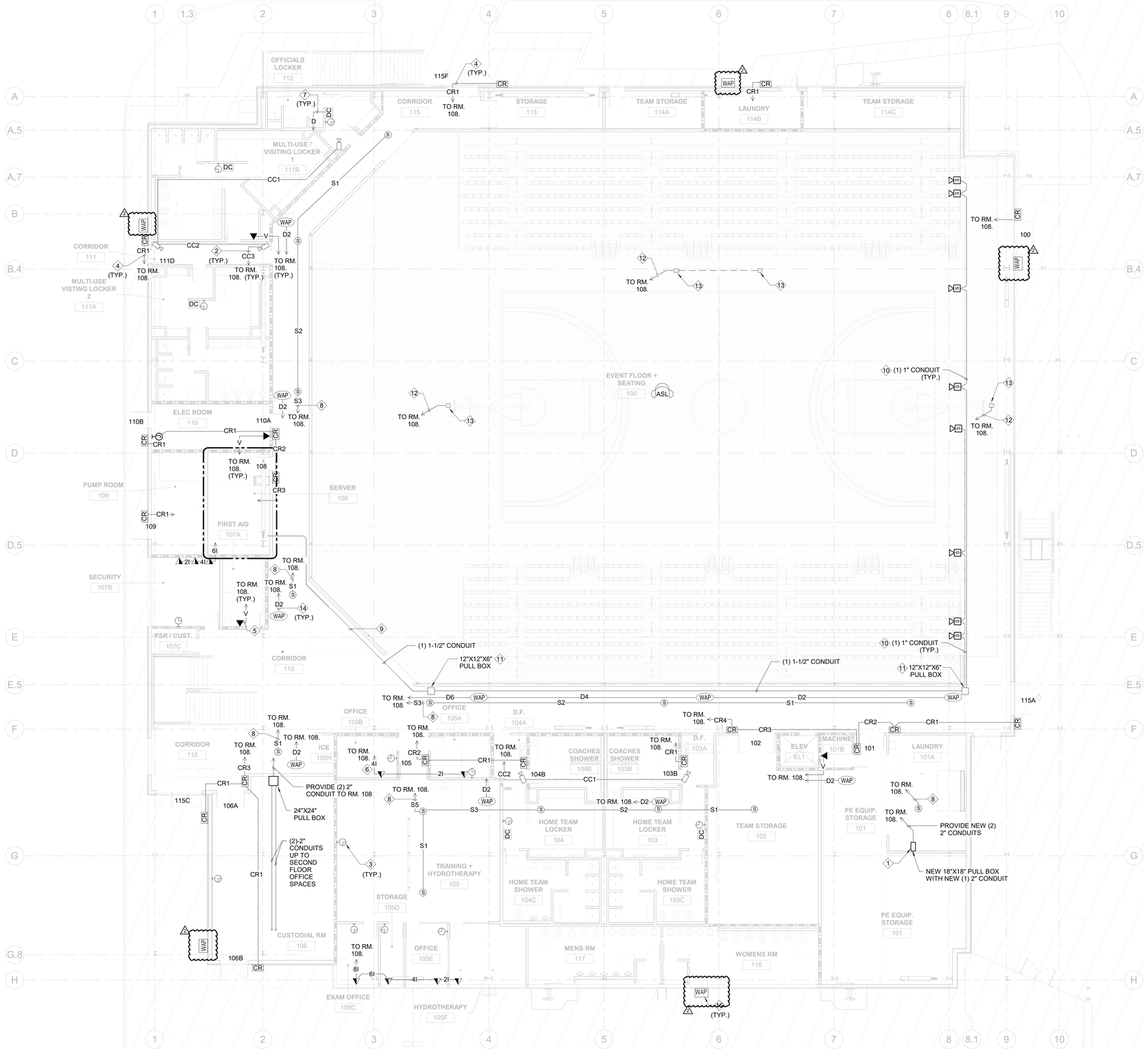
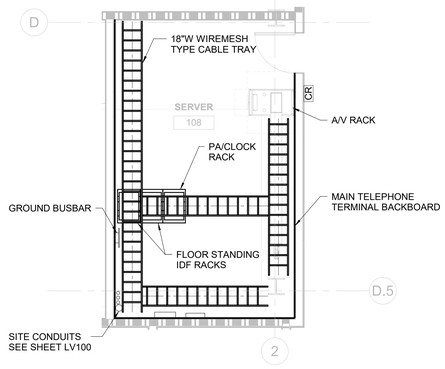


1 LOW VOLTAGE - LEVEL 1 FLOOR PLAN
1/8" = 1'-0"



2 SERVER ROOM ENLARGE PLAN
1/4" = 1'-0"

GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE SHOP DRAWINGS FOR EACH SYSTEM HEREIN AS REQUIRED PER PROJECT. SHOP DRAWINGS TO INCLUDE CABLING, DEVICES, EQUIPMENT, DETAILS AND CONNECTIONS FOR COMPLETE WORKING SYSTEMS.
2. AV SYSTEM TO BE PROVIDED AND INSTALLED BY AV CONTRACTOR PER SPECIFICATIONS PROVIDED. CONTRACTOR TO COORDINATE WITH FACILITY FOR AV SYSTEM EQUIPMENT AND SPEAKER LOCATIONS AT TIME OF INSTALLATION. CONTRACTOR TO PROVIDE AV SPEAKERS, AMPLIFIERS, MICROPHONE, ETC. FOR A COMPLETE WORKING SYSTEM.
3. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AREA OF RESCUE SYSTEM PER SPECIFICATIONS PROVIDED. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING COMPLETE WORKING SYSTEMS AND EQUIPMENT WEATHER SHOWN ON PLANS OR NOT AS PART OF THE SPECIFICATIONS.
4. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ASSISTIVE LISTENING SYSTEM PER SPECIFICATIONS PROVIDED. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING COMPLETE WORKING SYSTEMS AND EQUIPMENT WEATHER SHOWN ON PLANS OR NOT AS PART OF THE SPECIFICATIONS. REFER TO SHEET LV000 FOR ADDITIONAL REQUIREMENTS.
5. CONTRACTOR TO PROVIDE WIRELESS CLOCK SYSTEM INCLUDING HEAD END, ANTENNA RECEIVERS, TRANSMITTERS, ETC. PER SPECIFICATIONS AS REQUIRED FOR A COMPLETE WORKING SYSTEM.

KEY NOTES

1. PROVIDE NEW MIN. (2) 2" CONDUIT AND PULL BOX UP TO SECOND FLOOR AS REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE CONNECTIONS AND TERMINATIONS.
2. PROVIDE NEW CONDUIT AND CABLING TO SERVER ROOM FOR NEW CCTV SYSTEM CONNECTIONS AND TERMINATIONS. CONTRACTOR TO PROVIDE NEW MIN (1) 1" CONDUIT TO NEXT CAMERA WHERE REQUIRED.
3. PROVIDE NEW WIRELESS CLOCKS AT 7'-3" ON CENTER. CLOCKS SHALL BE INSTALLED PER SPECIFICATION. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE COMPLETE WORKING SYSTEM. MOUNTING HEIGHT SHALL BE COORDINATED WITH ARCHITECT AS REQUIRED.
4. PROVIDE NEW CONDUIT TO SERVER ROOM FOR ACCESS CONTROL DEVICES. PROVIDE NEW CONDUIT INFRASTRUCTURE TO NEXT DEVICE WHERE REQUIRED. PROVIDE NEW ACCESS CONTROL DEVICES, CABLING AND CONNECTIONS TO NEW HEAD END EQUIPMENT. CONTRACTOR TO PROVIDE COMPLETE CABLING AND CONNECTIONS AS REQUIRED.
5. PROVIDE NEW CONDUIT AND CABLING TO SERVER ROOM AS REQUIRED FOR PHONE CONNECTIONS AND TERMINATIONS. CONTRACTOR TO PROVIDE NEW CONDUIT AND CONNECTIONS TO NEXT DEVICE WHERE REQUIRED.
6. PROVIDE NEW CONDUIT AND CABLING TO SERVER ROOM FOR PHONE/DATA CONNECTIONS AND TERMINATIONS. CONTRACTOR TO PROVIDE NEW MIN (1) 1" CONDUIT TO NEXT DEVICE WHERE REQUIRED. EACH OUTLET SHALL HAVE DEDICATED CABLING, NO SPICING OR WIRING IN SERIES SHALL BE PERMITTED.
7. PROVIDE NEW J-BOX WITH MIN. 1" CONDUIT AND (1) DATA CABLE FROM ROOM 108 TO NEW FUTURE DIGITAL CLOCK BY OTHERS CONTRACTOR TO PROVIDE COMPLETE CONDUIT AND CABLING INFRASTRUCTURE AS REQUIRED.
8. PROVIDE NEW MIN. 1-1/4" CONDUIT TO SERVER ROOM FOR PA SPEAKER CABLING AND CONNECTIONS. WHERE ADDITIONAL SPEAKERS UTILIZE SAME CONDUIT SYSTEM, CONTRACTOR TO PROVIDE NEW CONDUIT TO NEXT AS REQUIRED.
9. PROVIDE NEW MIN. (1) 1-1/2" CONDUIT AND CONNECTIONS FROM ROOM 108 TO NEW 12'x12" CEILING MOUNTED PULL BOX THEN EXTEND NEW 1-1/4" TO NEXT PULL BOX FOR DEDICATED AV SPEAKER CABLING AND CONNECTIONS. CONTRACTOR TO PROVIDE COMPLETE CONDUIT AND CABLING INFRASTRUCTURE AS REQUIRED.
10. PROVIDE NEW MIN. (1) 1" CONDUIT TO NEW 12'x12" CEILING MOUNTED PULL BOX FOR DEDICATED AV SYSTEM SPEAKER CABLING AND CONNECTIONS. CONTRACTOR TO PROVIDE COMPLETE CONDUIT INFRASTRUCTURE AND CABLING CONNECTIONS AS REQUIRED PER SPECIFICATIONS. WHERE ADDITIONAL SPEAKERS UTILIZE SAME CONDUIT SYSTEM, CONTRACTOR TO PROVIDE NEW MIN (1) 1" CONDUIT AS REQUIRED.
11. PROVIDE NEW 12"X12"X6" CEILING MOUNTED AV SYSTEM PULL BOX AS REQUIRED FOR A COMPLETE WORKING SYSTEM.
12. PROVIDE NEW MIN. (2) 1-1/4" CONDUIT AND CONNECTIONS FROM ROOM 108 TO NEW FLOOR BOX THEN EXTEND NEW (2) 1-1/4" TO NEXT FLOOR BOX FOR DEDICATED AV SYSTEM MICROPHONE AND TELECOM DATA CABLING AND CONNECTIONS. CONTRACTOR TO PROVIDE COMPLETE CONDUIT AND CABLING INFRASTRUCTURE AS REQUIRED.
13. NEW AV, DATA AND POWER COMBINATION FLOOR BOX PROVIDED AND INSTALLED BY ELECTRICAL. (HUBBLE CFB8FC2) CONTRACTOR TO PROVIDE AV (MICROPHONE) AND TELECOM (DATA) CABLING AND CONNECTIONS AS REQUIRED PER SPECIFICATIONS FOR A COMPLETE WORKING SYSTEM. CONTRACTOR MUST COORDINATE WITH ELECTRICAL FOR LOCATION FOR A COMPLETE WORKING SYSTEM.
14. PROVIDE NEW CONDUIT AND CABLING TO SERVER ROOM FOR WIRELESS ACCESS POINT CONNECTIONS AND TERMINATIONS. CONTRACTOR TO PROVIDE NEW CONDUIT TO NEXT DEVICE WHERE REQUIRED. EACH OUTLET SHALL HAVE DEDICATED CABLING, NO SPICING OR WIRING IN SERIES SHALL BE PERMITTED.
15. PROVIDE NEW EXTERIOR WIRELESS ACCESS POINT AT 13'-0" A.F.F. WITH CONDUIT AND CABLING BACK TO NEAREST IDF/MDF AS REQUIRED.

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LOW VOLTAGE - LEVEL 1 FLOOR PLAN

SHEET NUMBER
LV101

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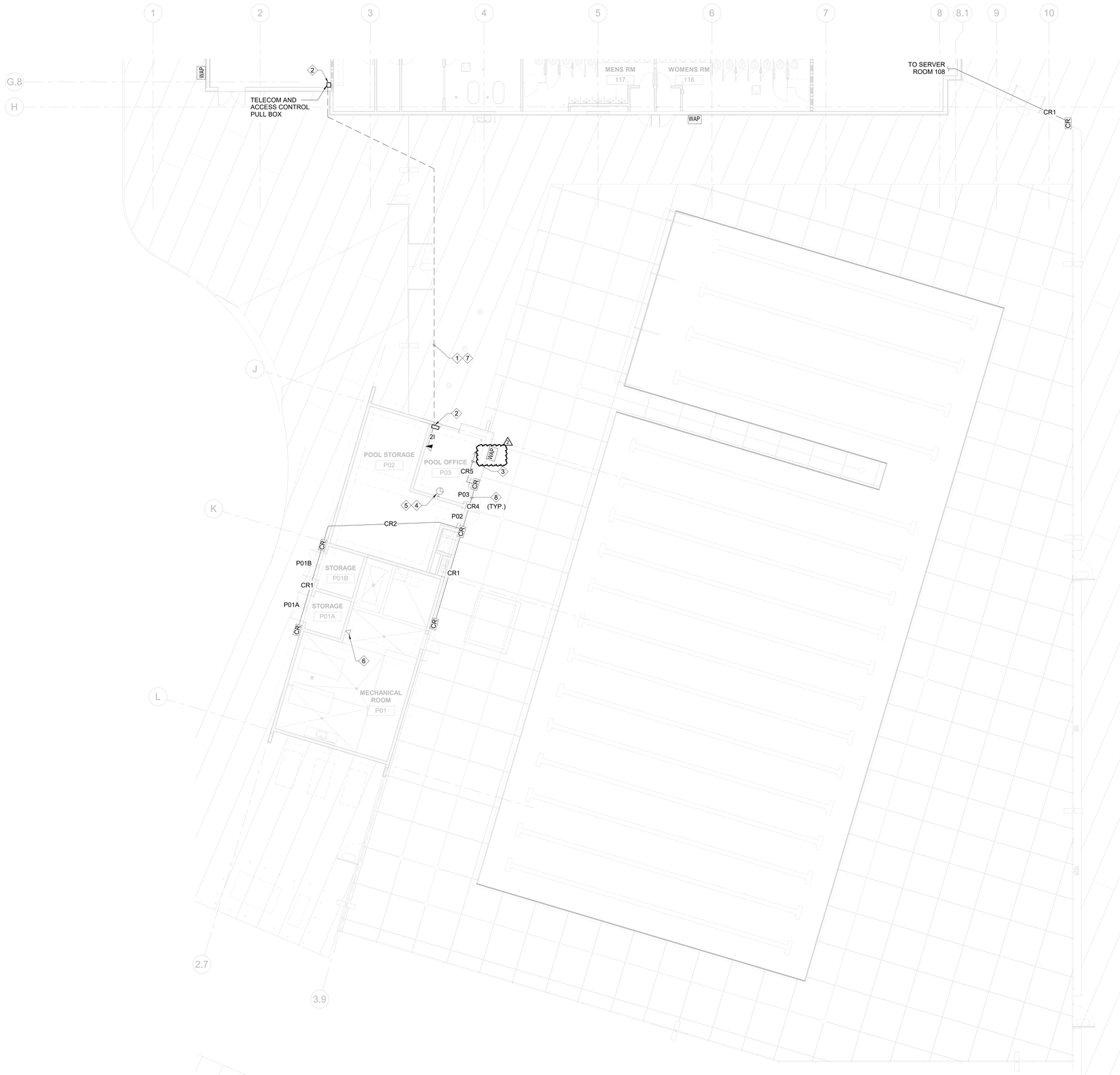

GENERAL NOTES

KEY NOTES

1. PROVIDE NEW MIN (1) 2" UNDERGROUND CONDUITS AS REQUIRED FOR TELECOM CABLING AND CONNECTIONS.
2. PROVIDE NEW MIN. (1) 12"X12" PULL BOX AT HIGH CEILING SPACE AND CONNECT TO NEW UNDERGROUND CONDUITS FOR COMPLETE CONNECTIONS AND TERMINATIONS AS REQUIRED.
3. PROVIDE NEW MIN. (1) 1-1/4" CONDUIT AND CABLING TO NEW PULL BOX.
4. PROVIDE NEW BATTERY OPERATED WIRELESS CLOCK PER SPECIFICATIONS PER DISTRICT.
5. NEW WIRELESS CLOCKS SHALL BE INSTALLED PER SPECIFICATION. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE COMPLETE WORKING SYSTEM.
6. COORDINATE WITH MECHANICAL WHERE DATA CONNECTIONS ARE REQUIRED. PROVIDE NEW MIN. (2) DATA CABLES FOR FUTURE EMS OR MECHANICAL EQUIPMENT.
7. PROVIDE NEW MIN (1) 2" UNDERGROUND CONDUITS AS REQUIRED FOR ACCESS CONTROL CABLING AND CONNECTIONS.
8. PROVIDE NEW MIN. (1) 1" CONDUIT TO NEXT ACCESS CONTROL CARD READER FOR CABLING AND CONNECTIONS AS REQUIRED PER PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR A COMPLETE WORKING SYSTEM.
9. PROVIDE NEW EXTERIOR WIRELESS ACCESS POINT AT 13'-0" A.F.F. WITH CONDUIT AND CABLING BACK TO NEAREST IDF/MDF AS REQUIRED..

1 LOW VOLTAGE - POOL AREA PLAN
1/8" = 1'-0"

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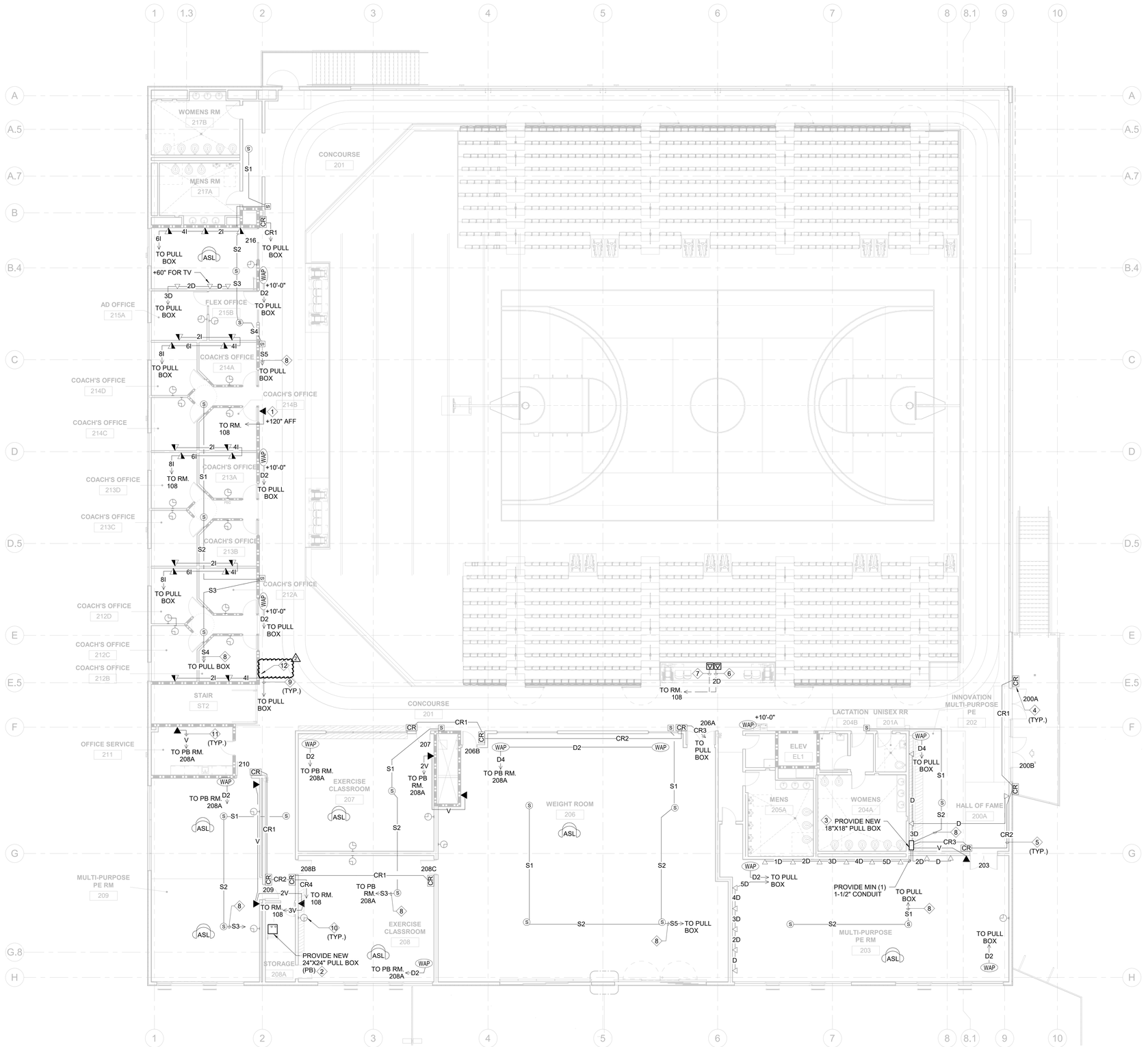

1 LOW VOLTAGE - LEVEL 2 FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE SHOP DRAWINGS FOR EACH SYSTEM HEREIN AS REQUIRED PER PROJECT. SHOP DRAWINGS TO INCLUDE CABLING, DEVICES, EQUIPMENT, DETAILS AND CONNECTIONS FOR COMPLETE WORKING SYSTEMS.
2. AV SYSTEM TO BE PROVIDED AND INSTALLED BY AV CONTRACTOR PER SPECIFICATIONS PROVIDED. CONTRACTOR TO COORDINATE WITH FACILITY FOR AV SYSTEM EQUIPMENT AND SPEAKER LOCATIONS AT TIME OF INSTALLATION. CONTRACTOR TO PROVIDE AV SPEAKERS, AMPLIFIERS, MICROPHONE, ETC. FOR A COMPLETE WORKING SYSTEM.
3. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AREA OF RESCUE SYSTEM PER SPECIFICATIONS PROVIDED. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING COMPLETE WORKING SYSTEMS AND EQUIPMENT WEATHER SHOWN ON PLANS OR NOT AS PART OF THE SPECIFICATIONS.
4. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ASSISTIVE LISTENING SYSTEM PER SPECIFICATIONS PROVIDED. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING COMPLETE WORKING SYSTEMS AND EQUIPMENT WEATHER SHOWN ON PLANS OR NOT AS PART OF THE SPECIFICATIONS. REFER TO SHEET LV000 FOR ADDITIONAL REQUIREMENTS.

KEY NOTES

1. PROVIDE DATA OUTLET AND CABLING TO SERVER ROOM AT +120" AFF FOR FUTURE SCOREBOARD (HEIGHT TO CONFIRMED WITH FINAL SCOREBOARD LOCATION . CONTRACTOR MUST COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER PRIOR TO INSTALLATION.
2. PROVIDE NEW (2) 2" CONDUITS FROM NEW 24"X24" PULL BOX DOWN TO PULL BOX ON FIRST FLOOR ROOM 106. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE CONNECTIONS AND TERMINATIONS. SEE SHEET LV101 FOR EXACT LOCATION.
3. PROVIDE NEW (2) 2" CONDUITS FROM NEW 18"X18" PULL BOX DOWN TO PULL BOX ON FIRST FLOOR LAUNDRY ROOM 101. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE CONNECTIONS AND TERMINATIONS. SEE SHEET LV101 FOR EXACT LOCATION.
4. PROVIDE NEW ACCESS CONTROL DEVICES, CABLING AND CONNECTIONS TO NEW HEAD END EQUIPMENT LOCATED AT GYM SERVER ROOM 108 AS REQUIRED VIA CLOSEST PULL BOX (SEE KEY NOTE 2/3). CONTRACTOR TO PROVIDE CARD READERS AND DOOR CONTACTS FOR DOORS WITH CARD READERS. CONTRACTOR TO PROVIDE COMPLETE CABLING AND CONNECTIONS AS REQUIRED.
5. PROVIDE NEW CONDUIT TO NEW PULL BOX AND/OR NEXT ACCESS CONTROL CARD READER LOCATIONS FOR ACCESS CONTROL FOR RUNNING CABLING AND CONNECTIONS TO HEAD END EQUIPMENT (SEE KEY NOTE 3) AS REQUIRED PER PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR A COMPLETE WORKING SYSTEM.
6. PROVIDE NEW MIN. (1) 1" CONDUIT AND NEW POKE THRU FLOOR BOX (HUBBEL SystemOne FRPT 4" DIAMETER PROVIDED AND INSTALLED BY ELECTRICAL) VIA CEILING BELOW TO SERVER ROOM 108 FOR DATA CABLING AND CONNECTIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE CABLING AND CONNECTIONS FOR A COMPLETE WORKING SYSTEM.
7. PROVIDE NEW FLOOR BOX WITH COVER (HUBBEL CFB8FC2) (FLOOR BOX PROVIDED AND INSTALLED BY ELECTRICAL). PROVIDE NEW MIN. (2) 1-1/2" CONDUIT VIA CEILING BELOW TO SERVER ROOM 108 FOR FUTURE BROADCAST TV CONNECTIONS THAT MAY BE REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE CONDUITS AND CONNECTIONS FOR A COMPLETE WORKING SYSTEM..
8. PROVIDE NEW MIN. (1) 1-1/4" CONDUIT TO NEAREST PULL BOX FOR PA SPEAKER CABLING AND CONNECTIONS. WHERE ADDITIONAL SPEAKERS UTILIZE SAME CONDUIT SYSTEM, CONTRACTOR TO PROVIDE NEW CONDUIT TO NEXT WHERE REQUIRED. PROVIDE NEW CABLING AND CONNECTIONS TO TERMINATION POINT AT ROOM 108 FOR A COMPLETE WORKING SYSTEM.
9. PROVIDE NEW MIN. (1) 1" CONDUIT TO NEAREST NEW PULL BOX THEN EXTEND CABLING TO SERVER ROOM 108 FOR PHONE/DATA CONNECTIONS AND TERMINATIONS. CONTRACTOR TO PROVIDE NEW MIN (1) 1" CONDUIT TO NEXT DEVICE WHERE REQUIRED.
10. PROVIDE NEW WIRELESS CLOCKS AT 7'-3" ON CENTER. CLOCKS SHALL BE INSTALLED PER SPECIFICATION. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE COMPLETE WORKING SYSTEM. MOUNTING HEIGHT SHALL BE COORDINATED WITH ARCHITECT AS REQUIRED.
11. PROVIDE NEW CONDUIT TO NEAREST NEW PULL BOX THEN EXTEND CABLING TO SERVER ROOM 108 FOR PHONE CONNECTIONS AND TERMINATIONS. CONTRACTOR TO PROVIDE NEW CONDUIT TO NEXT DEVICE WHERE REQUIRED.
12. PROVIDE AREA OF RESCUE AND EMERGENCY TELECOM CONNECTIONS PER SPECIFICATIONS AS REQUIRED PER CODE. (A)

struere
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REGISTERED PROFESSIONAL ENGINEER MANAS R. CHRISTIAN No. E 22864 ELECTRICAL STATE OF CA

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ISSUE DESCRIPTION

	DSA SUBMITTAL	22.09.09
1	ADDENDUM 1	24.07.08
2	ADDENDUM 2	25.02.26

SHEET TITLE
LOW VOLTAGE - LEVEL 2 FLOOR PLAN

SHEET NUMBER
LV102

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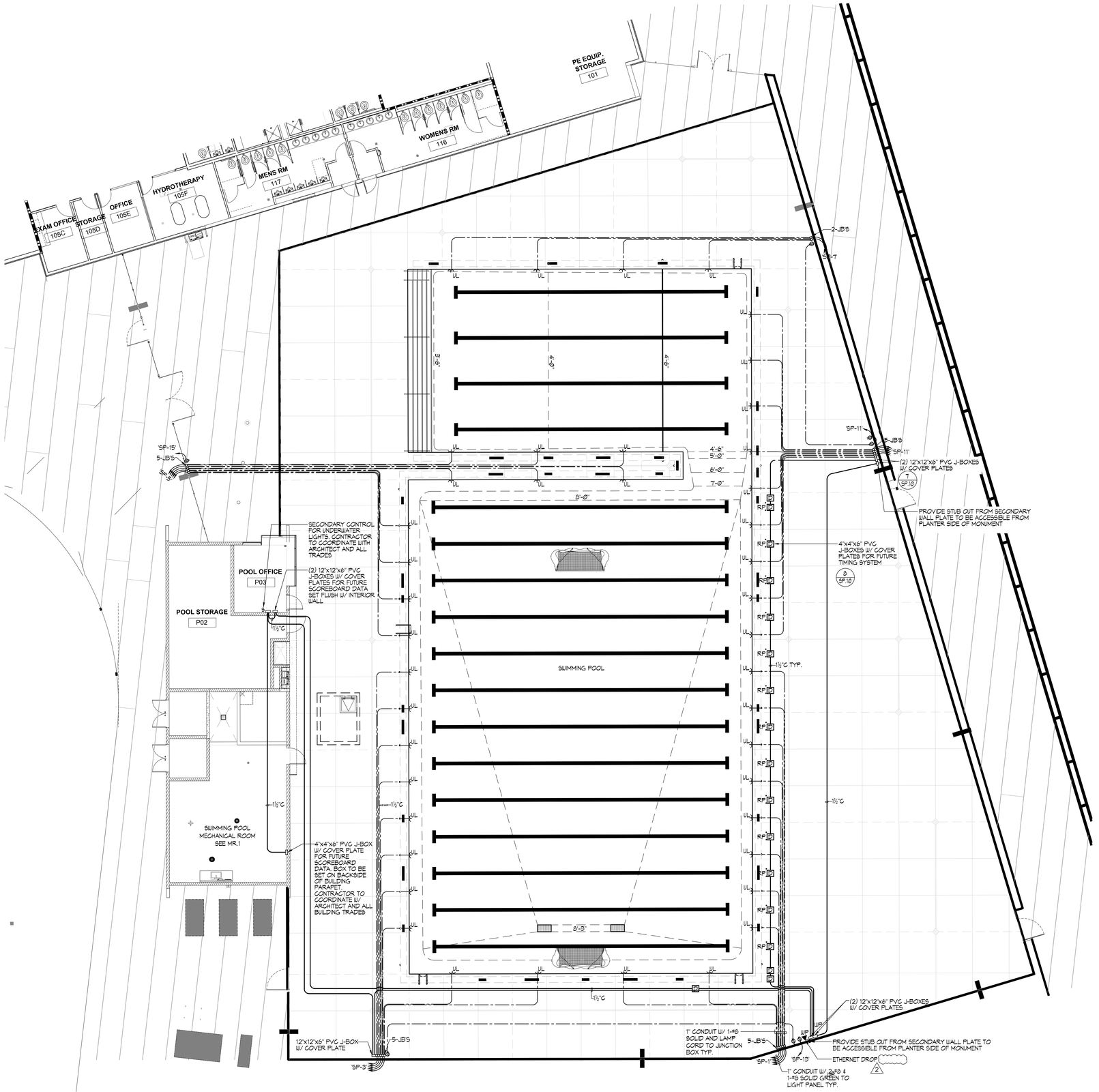

SWIMMING POOL DATA

SURFACE AREA	=	11,202 SQ. FT.
PERIMETER	=	578 FT.
DEPTH	=	3'-6" TO 8'-3"
VOLUME	=	584,215 GAL.
6 HR TURNOVER	=	1,623 GPM

TIMING SYSTEM INFRASTRUCTURE

NOTE: THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL DECK BOXES, WALL BOXES, WALL JUNCTION BOXES, BOX COVERS, CONDUITS AND PULL STRING REQUIRED FOR A FUTURE TIMING SYSTEM. ALL BOXES SHALL BE PROVIDED WITHIN CONCRETE DECK OR CONCRETE MONUMENT U.O.N.

TIMING SYSTEM DECK PLATES, WALL PLATES, WIRING HARNESSES, SCOREBOARD AND ALL TIMING SYSTEM EQUIPMENT IS NOT A PART OF BASE PROJECT.

LEGEND

UL	=	UNDERWATER LIGHT	6 / SP.10
JB	=	JUNCTION BOX	5 / SP.10
RP	=	RACING PLATFORM	5 / SP.8
D	=	DECK PLATE	8 / SP.10

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REN. 07/31/25
STATE OF CALIFORNIA

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SHEET TITLE

SWIMMING POOL UNDERWATER LIGHT / TIMING SYSTEM PLAN

SHEET NUMBER

SP.3

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1 SWIMMING POOL UNDERWATER LIGHT / TIMING SYSTEM PLAN ⅛" = 1'-0"

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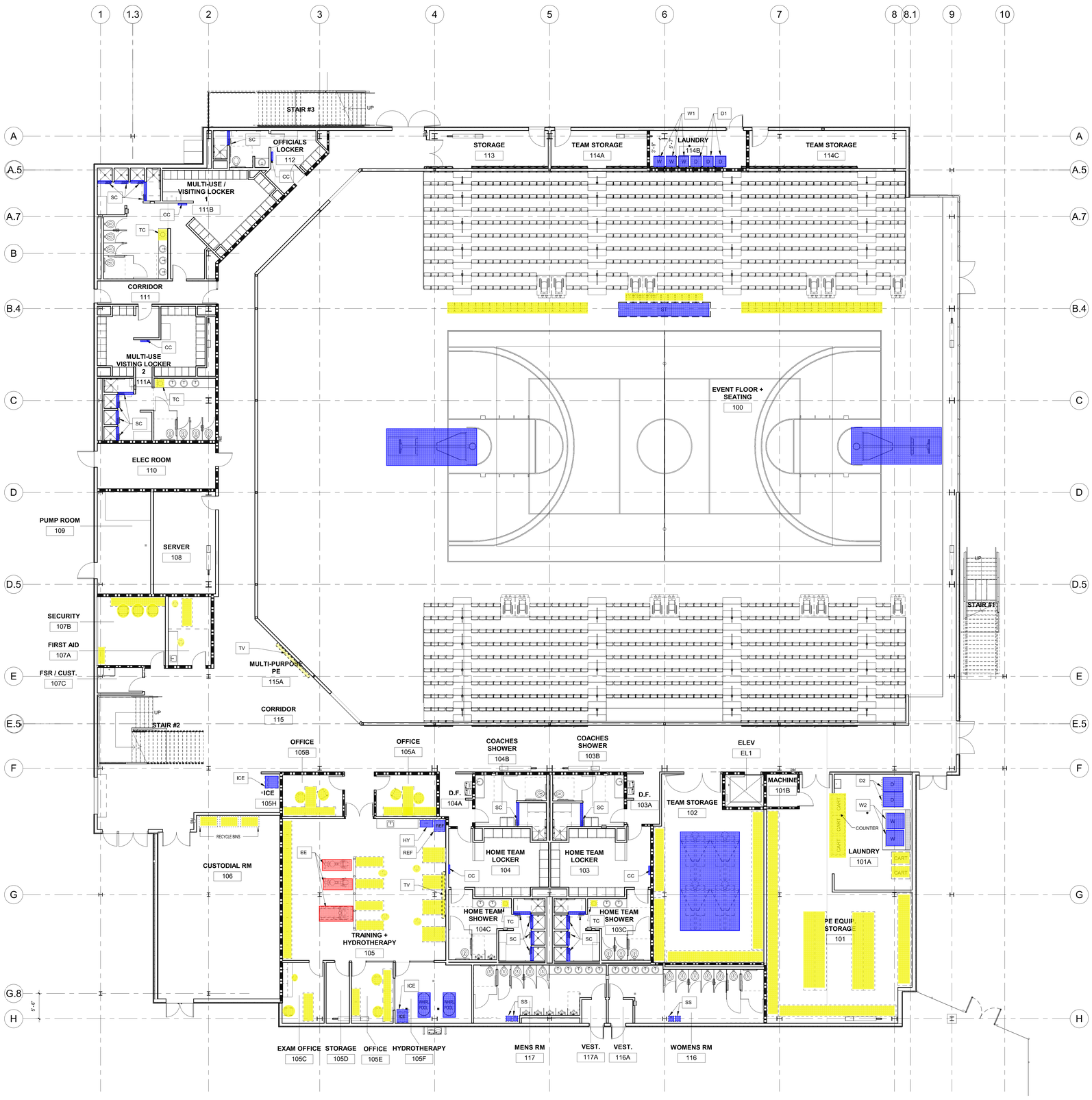


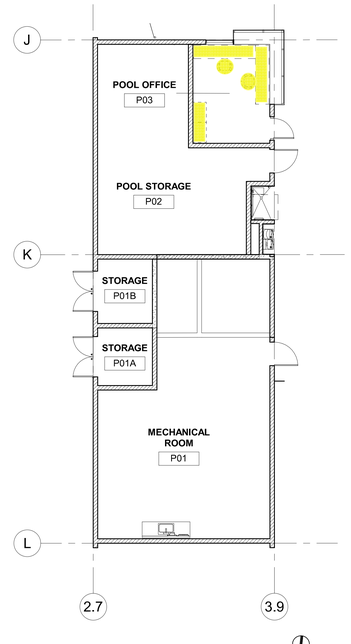
1 LEVEL 1 FURNITURE PLAN
1/8" = 1'-0"

EQUIPMENT LEGEND (GROUP 2)

SYMBOL	DESCRIPTION	UTILITY HOOK-UP REQUIRED M	E	T	P	MANUFACTURER / MODEL NO.	PROVIDED BY:	INSTALLED BY:
C	CAMERA (SEE LV DWGS)		X					
CC	CLOCK - COUNTDOWN, WALL MTD. (SEE LV DWGS)		X	X		REFER TO WRITTEN SPECS.		
D1	DRYER, COIN-DROP-READY	X	X			MAYTAG / MDE/MDG20PD		
D2	DRYER, COMMERCIAL 75 LB CAPACITY	X	X			MAYTAG / MDG78PN		
EE	EXERCISE EQUIPMENT		X					
HY	HYDROCOLLATOR		X		X	CHATTANOOGA / M-4 MOBILE HEATING UNIT		
ICE	ICE MAKER		X		X	HOSHIZAKI / KM-21BAJ		
REF	REFRIGERATOR, BOTTOM-FREEZER		X			GE / GDE21EYKFS		
SB	SCORE BOARD (SEE LV and ELECT. DWGS)		X	X		REFER TO WRITTEN SPECS.		
ST	SCORER'S CONSOLE TABLE (SEE LV and ELECT. DWGS)		X	X		REFER TO WRITTEN SPECS.		
SC	SHOWER CURTAIN & HOOKS					BOBRICK / 204		
SS	SS DRYER		X			SUITMATE / EC3		
TC	TOWEL COLLECTION BIN							
TV	FLAT SCREEN		X	X				
UR	REFRIGERATOR-UNDERCOUNTER		X			ULINE / ADA24R		
W1	WASHER, FRONT LOAD, COIN-DROP-READY		X		X	MAYTAG / MHN33PD		
W2	WASHER, COMMERCIAL ON-PREMISES LAUNDRY-RIGID-MOUNT		X		X	MAYTAG / MYR65PN		

LEGEND

- FFE- FREE STANDING FURNITURE
- FFE -PART OF CONSTRUCTION DOCUMENTS (CPCI)
- EXISTING EXERSIZE EQUIPMENT (TO BE RELOCATED FROM EXISTING GYM)



2 LEVEL 1 POOL AREA FURNITURE PLAN
1/8" = 1'-0"

FFE -GROUP 2 EXHIBIT

FOR REFERENCE ONLY

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LEVEL 1 FURNITURE PLAN

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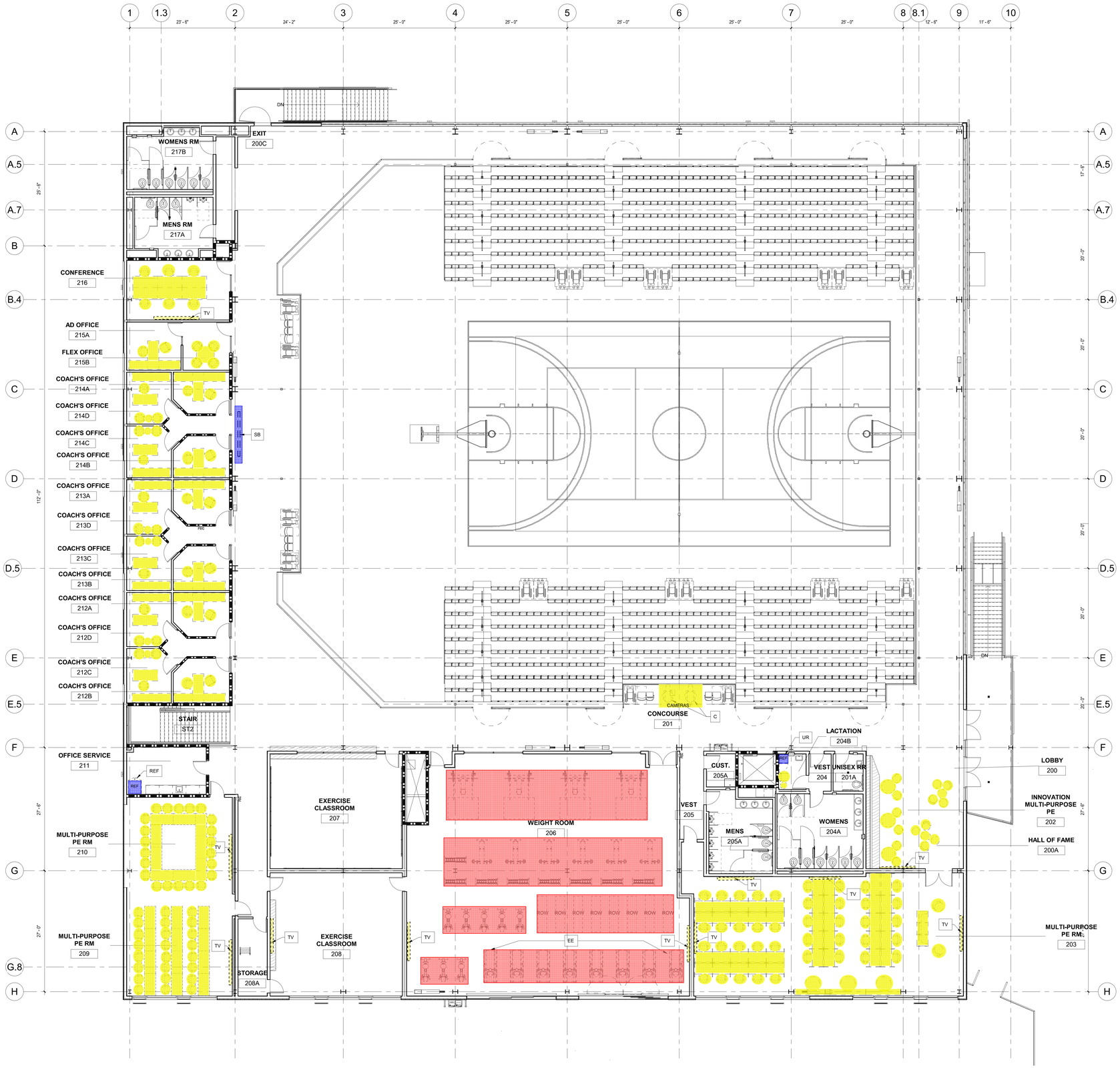
03/21/2025



1 LEVEL 2 FURNITURE PLAN
1/8" = 1'-0"

EQUIPMENT LEGEND (GROUP 2)

SYMBOL	DESCRIPTION	UTILITY HOOK-UP REQUIRED M	E	T	P	MANUFACTURER / MODEL NO.	PROVIDED BY:	INSTALLED BY:
C	CAMERA (SEE LV DWGS)		X					
CC	CLOCK - COUNTDOWN, WALL MTD. (SEE LV DWGS)		X	X		REFER TO WRITTEN SPECS.		
D1	DRYER, COIN-DROP-READY	X	X			MAYTAG / MDE/MDG23PD		
D2	DRYER, COMMERCIAL 75 LB CAPACITY	X	X			MAYTAG / MDG78PN		
EE	EXERCISE EQUIPMENT		X					
HY	HYDROCOLLATOR		X		X	CHATTANOOGA / M-4 MOBILE HEATING UNIT		
ICE	ICE MAKER		X		X	HOSHIZAKI / KM-2318AJ		
REF	REFRIGERATOR, BOTTOM-FREEZER		X			GE / GDE21EYKFS		
SB	SCORE BOARD (SEE LV and ELECT. DWGS)		X	X		REFER TO WRITTEN SPECS.		
ST	SCORER'S CONSOLE TABLE (SEE LV and ELECT. DWGS)		X	X		REFER TO WRITTEN SPECS.		
SC	SHOWER CURTAIN & HOOKS					BOBRICK / 204		
SS	SS DRYER		X			SUITMATE / EC3		
TC	TOWEL COLLECTION BIN							
TV	FLAT SCREEN		X	X				
UR	REFRIGERATOR-UNDERCOUNTER		X			ULINE / ADA24R		
W1	WASHER, FRONT LOAD, COIN-DROP-READY		X		X	MAYTAG / MHN33PD		
W2	WASHER, COMMERCIAL ON-PREMISSES LAUNDRY-RIGID-MOUNT		X		X	MAYTAG / MYR85PN		

LEGEND

- FFE- FREE STANDING FURNITURE
- FFE -PART OF CONSTRUCTION DOCUMENTS (CPCI)
- EXISTING EXERSIZE EQUIPMENT (TO BE RELOCATED FROM EXISTING GYM)

FFE -GROUP 2 EXHIBIT

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LEVEL 2 FURNITURE PLAN

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Addendum #2
03/03/2025

Hydrocollator® Mobile Heating Units

Ordering Information

Item#	Description
M-2 Mobile Hydrocollator	
2402	M2 Mobile - Includes 1 2 Standard (1006) HotPacs
402-2	M2 Mobile - Includes 3 Standard (1006), 3 Oversize (1004),and 3 Cervical (1002) HotPacs
2402-3	M2 Mobile - Includes 4 Standard (1006), 2 Oversize (1004),and 4 Cervical (1002) HotPacs
2402-4	M2 Mobile - Includes 4 Standard (1006), and 4 Oversize (1004)
M-4 Mobile Hydrocollator	
2502	M4 Mobile - Includes 24 Standard (1006) HotPacs
2502-2	M4 Mobile - Includes 8 Oversize (1004), and 8 Cervical (1002) HotPacs
2502-3	M4 Mobile - Includes 6 Standard (1006), 6 Oversize (1004),and 6 Cervical (1002) HotPacs
SS-2 Mobile Hydrocollator	
2302	SS2 Mobile - Includes 8 Standard (1006) HotPacs
2302-2	SS2 Mobile - Includes 4 Standard (1006), and 4 Cervical (1002), HotPacs
2302-3	SS2 Mobile - Includes 2 Standard (1006), 2 Oversize (1004),and 2 Cervical (1002) HotPacs

Technical Specifications

M-2 Mobile Hydrocollator	
Mains Power:	110~120 V, 50/60 Hz
Power Consumption:	1000 W
Weight:	48 lb (22 kg) /Shipping - 93 lb (42 kg)
Dimensions*:	27" x 16" x 33" (69 x 41 x 84 cm)
Electrical Safety Class:	Class 1, Type B
Safety Tests:	Conforms to UL 60601-1, certified to Can/CSA C222 No. 601.1
M-4 Mobile Hydrocollator	
Mains Power:	110~120 V, 50/60 Hz
Power Consumption:	1500 W
Weight:	132 lb (60 kg) /Shipping - 160 lb (72 kg)
Dimensions*:	35" x 20" x 33" (89 x 51 x 84 cm)
Electrical Safety Class:	Class 1, Type B
Safety Tests:	Conforms to UL 60601-1, certified to Can/CSA C222 No. 601.1
SS-2 Mobile Hydrocollator	
Mains Power:	110~120 V, 50/60 Hz
Power Consumption:	1000 W
Weight:	66 lb (30 kg) /Shipping - 80 lb (36 kg)
Dimensions*:	21" x 16" x 33" (53 x 41 x 84 cm)
Electrical Safety Class:	Class 1, Type B
Safety Tests:	Conforms to UL 60601-1, certified to Can/CSA C222 No. 601.1

* Dimensions are listed as L x W x H

Our benchmark product is durable and easy to maintain, these high-quality stainless steel units give you a constant supply of temperature-consistent HotPacs.

Features

Hydrocollator Mobile Heating Units

- High-quality stainless steel
- Thermostatically controlled temperature with safety feature
- 3" (8 cm) swivel-type rubber casters for silent, friction-free movement
- Easy maintenance. Simple to fill and drain. No plumbing required
- One-year warranty

* Approximate with HotPacs

	M-2	M-4	SS-2	E-2	E-1/E-1 MHT
Tank Capacity	14 gal (52 L)	27 gal (102 L)	10 gal (37 L)	8 gal (37 L)	3 gal (37 L)
Temperature Range	160° - 165°F (71° - 74°C)	160° - 165°F (71° - 74°C)	160° - 165°F (71° - 74°C)	160° - 165°F (71° - 74°C)	160° - 165°F (71° - 74°C)
Thermal Cut-Out Temp.	180° - 185°F (82° - 85°C)	180° - 185°F (82° - 85°C)	180° - 185°F (82° - 85°C)	180° - 185°F (82° - 85°C)	180° - 185°F (82° - 85°C)
Temperature Accuracy	+/- 10%	+/- 10%	+/- 10%	+/- 10%	+/- 10%
Heat up Time to 160° F (to 70°C)	6 Hours	8 Hours	4 Hours	4 Hours	2 Hours
Cool Down Time from 160° F (from 70°C)	3 Hours	4 Hours	4 Hours	2 Hours	1 Hour
Fiberglass Insulation	Yes	Yes	Yes	No	No

Be sure to read the IFU for all warnings and precautions

PCM3 Received
Addendum #2
11/21/19

KM-231BAJ

SELF-CONTAINED CUBER WITH BUILT-IN STORAGE BIN

KM-231BAJ
08/02/19
Item # 13555

Item #: _____

Project: _____

Qty: _____

AIA#: _____

W x D x H
24" x 28" x 39"*
*including 6" legs

ADA Compliant

KM*Edge* DESIGN

KM-231BAJ
Air-Cooled
Shown

Features

- **Individual crescent cube**
- **Stainless steel evaporator**
- **CycleSaver™ design**

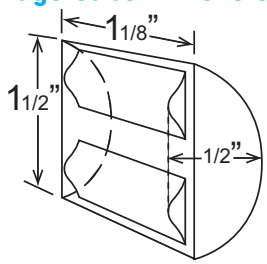
- Up to 213 lbs. of ice production per 24 hours
- Built-in storage capacity of 2.7ft³/80 lbs.*
- Durable stainless steel exterior
- Front-in, front-out airflow
- Removable air filter (Air-cooled model only)
- Ice bin opening is ADA compliant
- 6.5 ft. (2000 mm) power cord with NEMA 5-15P plug
- H-GUARD Plus Antimicrobial adds extra protection to the ice scoop (included)
- EverCheck™ alert system
- R-404A Refrigerant

Warranty:
3 Year Parts & Labor on entire machine. 5 Year Parts & Labor on Evaporator.
5 Year Parts on Compressor; air-cooled condenser coil.
Valid in United States, Canada, Puerto Rico and U.S. Territories. Contact factory for warranty in other countries.

Shipping: (LxWxH) 34" x 33" X 39" Volume: 25.32ft³

		ICE PRODUCTION		WATER USAGE		ELECTRICAL						
Condenser	**Model**	**Air / Water Temp Lbs. per 24 hours** 70°/ 50°F	90°/ 70°F	**Potable** Gal. per 100 lbs. 90°/ 70°F	**Condenser** Gal. per 100 lbs. 90°/ 70°F	**kWh Used** per 100 lbs. 90°/ 70°F	**Min. Circuit Amp.**-Max. Fuse/Breaker	**Amperage**	**Voltage**	**Heat Rejection BTU/hr.**	**Refrigerant Charge Amount**	**Net / Ship Weight (lbs.)**
Air-Cooled	KM-231BAJ	213	147	23.5	N/A	8.4	15A	6.5A	115V/60/1	3,750	11.3 oz.	137 / 165

KM Edge Cube Dimensions*



* approximate size in inches, image not to scale

Operating Limits

- Ambient Temp Range 45 - 100°F
- Water Temp Range 45 - 90°F
- Water Pressure 10 - 113 PSIG
- Voltage Range 104 - 127V

Service

- Allow enough space at rear for water supply and drain connections. Allow at least 2" (5 cm) on right side for proper air circulation and at least 0.6" (15 mm) clearance at top for service/maintenance.

Plumbing

- Icemaker Water Supply Line: Minimum 1/4" Nominal ID Copper Water Tubing or Equivalent
- Icemaker Drain Line: Minimum 3/4" Nominal ID Hard Pipe or Equivalent

Water Filter

Please refer to water filter spec sheet for recommended configurations.

Hoshizaki reserves the right to change specifications without notice.

KM-231BAJ

SELF-CONTAINED CUBER WITH BUILT-IN STORAGE BIN

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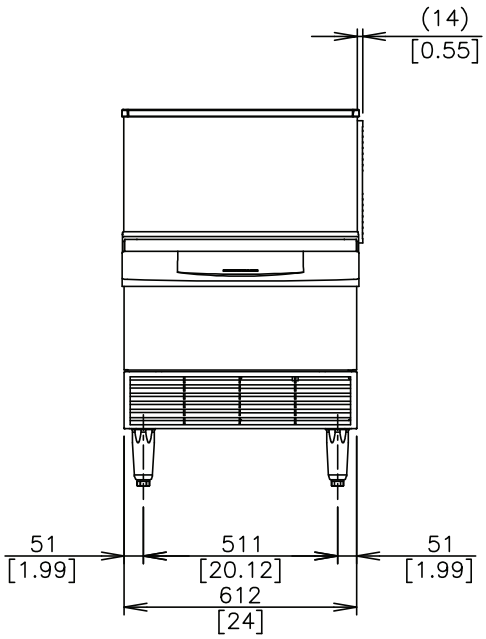
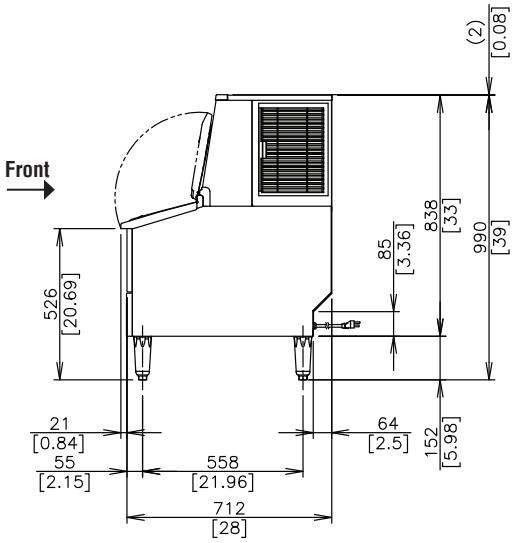
Addendum #2
KM-231BAJ
08/02/19
Item # 13555

mm
[inch]

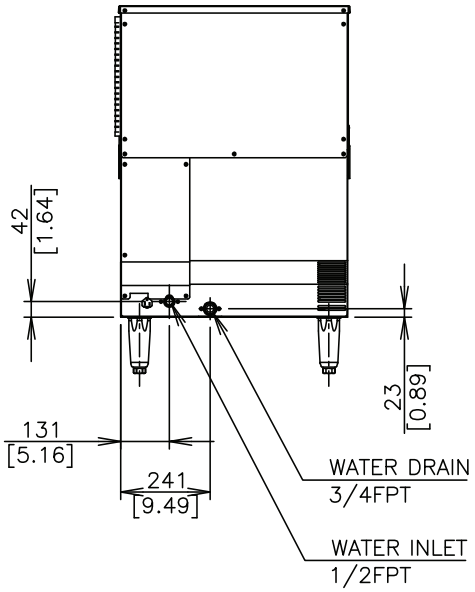
FRONT VIEW



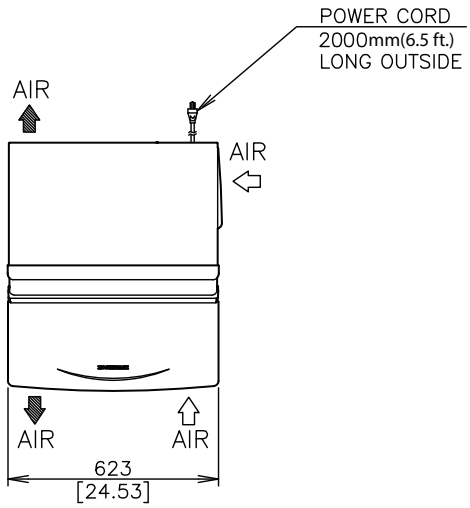
SIDE VIEW



REAR VIEW



TOP VIEW



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Addendum #2
03/03/2025

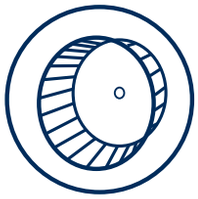
EXPORT MODEL

MDE/MDG20PD

SUPER-CAPACITY DRYER

MAYTAG COMMERCIAL

TURBOVENT™ TECHNOLOGY

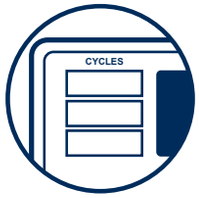


- Engineered with an extra blower wheel for exceptional performance in long-vent applications.
- Provides efficient drying and boosts productivity.

EXTRA-LARGE CAPACITY

- 7.4-cu.-ft. capacity allows for large loads to be dried effectively and efficiently.
- Optimal drying experience maximizes facility productivity.

INTELLIGENT CONTROLS WITH M-SERIES TECHNOLOGY



- Simple programming and set-up options that allow adjustable cycle prices, cycle times, and vend counts put owners in charge of profits.
- Engineered with intuitive diagnostics for streamlined service.

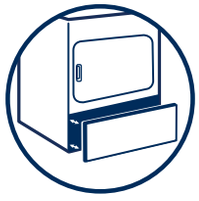
FOUR ROLLER SUSPENSION WITH PERMANENTLY LUBRICATED BEARINGS

- Designed to provide consistent and dependable drying, cycle after cycle.

PORCELAIN-ENAMEL TOP

- Possesses the strength and craftsmanship required for the traffic of a commercial laundry environment.
- Boosts durability and aesthetics.

FRONT ACCESS PANEL



- Easy to remove, streamlining service by providing fast access to internal components.

EXTRA-LARGE REVERSIBLE DOOR

- Provides users unhindered access while loading and unloading clothes.
- Offers convenience and optimal flexibility for a given space.

BUILT IN THE USA AMERICAN PRIDE

Visit **maytagcommerciallaundry.com** or call **800-662-3587**

MY170022

PCM3 Received
Addendum #2
03/03/2025

OUR COMMITMENT TO DEPENDABLE QUALITY

We understand what dependability means to your owners. That's why we use sturdy components and engineer our products to withstand tough commercial laundry environments for years. Our machines deliver consistent results, powerfully cleaning loads of varying sizes with ease. And because we trust our machines to perform, we back them with exceptional warranties. That's what reliability means to Maytag.

MAYTAG® COMMERCIAL SUPER-CAPACITY DRYER

INTELLIGENT CONTROLS, COIN DROP-READY

EXPORT MODEL

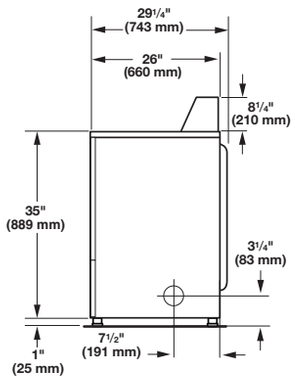
MDE/MDG20PD

SUPER-CAPACITY DRYER

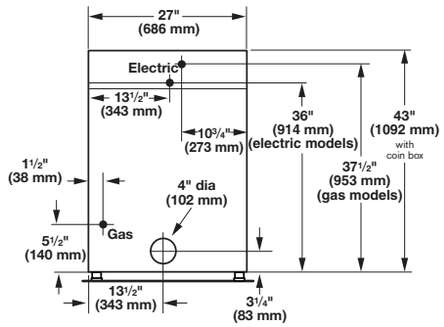
MAYTAG® COMMERCIAL

DRYER SPECIFICATIONS	
MODEL	MDE/MDG20PDAGW/EXPORT
MOTOR SIZE–HP (KW)	1/3 (.25)
AIRFLOW–CFM MDE/MDG MODEL	215/230
ELECTRIC HEATING ELEMENT (WATTS) EXPORT	4,600
GAS RATING–BTU/HR. (KCAL/HR.)	20,000 (5,040)
GAS INLET SIZE	3/8 N.P.T.
CAPACITY	
Cylinder volume—cu. ft. (liters)	7.4 (210)
Cylinder diameter—in. (mm)	26.26 (667)
Cylinder depth—in. (mm)	23.2 (590)
DIMENSIONS	
Width—in. (mm)	27 (686)
Depth—in. (mm)	29.25 (743)
Height—in. (mm)	43 (1,092)
Door opening—in. (mm)	20.25 (514)
Exhaust duct diameter—in. (mm)	4 (101.6)
CRATED DIMENSIONS	
Width—in. (mm)	28.8 (731)
Depth—in. (mm)	30.8 (782)
Height—in. (mm)	44.65 (1,134)
APPROXIMATE WEIGHT	
Uncrated—lbs. (kg) MDE/MDG model	125 (52.2)/142 (64.4)
Crated—lbs. (kg) MDE/MDG model	135 (61.2)/152 (68.9)
ELECTRICAL REQUIREMENTS	
Electrical rating—voltage/HZ	220–240V/50Hz
Breaker/Fuse—amps MDE/MDG model	25/10
WARRANTY	5-Year Limited

Dimensions are for planning purposes only. See specific instructions for proper installation. Because of continuous product improvement, Maytag reserves the right to change specifications without notice.



Side View

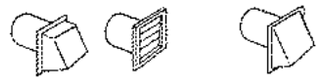


Back View

5-YEAR LIMITED WARRANTY
ALL PARTS COVERED

See maytagcommerciallaundry.com for complete warranty details.

MAXIMUM EXHAUST DUCT LENGTH PER NUMBER OF TURNS



Number Of 90° Turns	Rigid Metal Vent	
	Box Hood and Louvered Style	Angled Hood Style
0	135 ft. (41.2 m)	129 ft. (39.3 m)
1	125 ft. (38.1 m)	119 ft. (36.3 m)
2	115 ft. (35.1 m)	109 ft. (33.2 m)
3	106 ft. (32.3 m)	100 ft. (30.5 m)
4	98 ft. (29.9 m)	92 ft. (28.0 m)

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MDG78PN

MAYTAG® COMMERCIAL ENERGY ADVANTAGE™ ON-PREMISES DRYING TUMBLER

LEGENDARY MAYTAG DEPENDABILITY
Maximizing your equipment investment for over a half-century.

MICROPROCESSOR CONTROLS
Advanced computer controls let you program drying cycles with desired drying times, temperature and cool-down. Then select the cycle with the simple touch of a button.

RESIDUAL MOISTURE CONTROL
Residual Moisture Control (RMC) sensing system measures the presence of moisture in the load. The dryer senses when the load is dry, shutting the unit down to help prevent over-drying.

A COMPLETE LINE OF ENERGY-EFFICIENT SOLUTIONS
Maytag brand offers a complete line of high-efficiency commercial laundry appliances—from energy-efficient dryers to highly efficient ENERGY STAR®-qualified washers—to help you save money and build profits.

CAPACITY:
- 75-Lb. Capacity

FOR YOUR OPERATION:
- Fast-Drying 100% Axial Airflow System
- Extra-Large Door Opening For Ease Of Loading And Unloading
- Dual-Pane Glass Door To Keep Room Cool
- Multilingual Digital Display With Time Remaining
- Extra-Large Lint Drawer
- Reverse Tumbler Feature Reduces Twisting
- Front Serviceable
- Reversible Door

BUILT-TO-LAST™ FEATURES:
- 120-Volt Single-Phase With Reversing Cylinder Standard
- Dual Fire Suppression Systems
  - Waterless System
  - Wet System
- Heavy-Duty Motor
- Four-Point Roller Support System
- 3-Year Limited Warranty—All Parts Covered

Visit **maytagcommerciallaundry.com** or call **800-662-3587**

MY150180

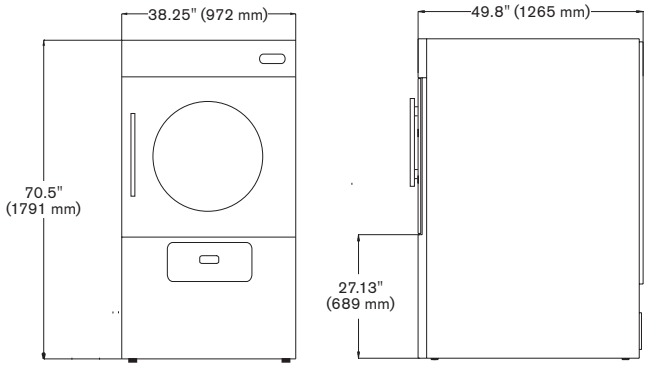
MAYTAG COMMERCIAL LAUNDRY

MDG78PN
MAYTAG® COMMERCIAL ENERGY ADVANTAGE™ ON-PREMISES DRYING TUMBLER

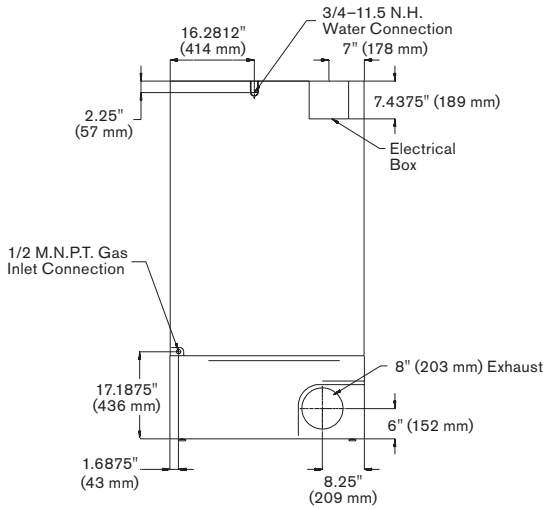
MAYTAG® COMMERCIAL ENERGY ADVANTAGE™ ON-PREMISES DRYING TUMBLER
MICROPROCESSOR CONTROL

DRYER SPECIFICATIONS	
MODEL	MDG78PN
CAPACITY	
Lbs. (kg)	75 (34)
Cu. ft. (liters)	22.1 (625)
TUMBLER	
Diameter—in. (mm)	37 (940)
Depth—in. (mm)	35.5 (902)
MOTOR	
HP (kw) tumbler/blower	.75 (.56)/.50 (.37)
AIRFLOW	
Cfm (cmm)	600 (17.00)
HEAT INPUT	
BTU/hr. (kcal/hr.)	130,000 (32,760)
GAS INLET	
M.N.P.T. in. (mm)	1 inlet, 0.50 (12.7)
ELECTRICAL REQUIREMENTS	
Volts (Hz)	120 (60)
Approximate amp draw	19.2
Breaker fuse size	25
Export models—options available	220–480V/50–60Hz/1PH or 3PH
COLOR	
White	Standard
Stainless Steel	Optional
APPROXIMATE WEIGHT	
Crated—lbs. (kg)	775 (352)
Uncrated—lbs. (kg)	745 (338)
DIMENSIONS	
Height—in. (mm)	70.5 (1,791)
Width—in. (mm)	38.25 (972)
Depth not including door handle—in. (mm)	49.8 (1,265)
Exhaust diameter—in. (mm)	8 (203)*
Door opening diameter—in. (mm)	27.38 (695)

*Requires 8" (203 mm) material if venting horizontally; 10" (254 mm) if venting vertically.
See specific instructions for proper installation.
Because of continuous product improvement, Maytag reserves the right to change specifications without notice.



Front View Side View



Rear View

3 YEAR LIMITED ALL PARTS WARRANTY MULTI-LOAD NON COIN
MAYTAG® COMMERCIAL LAUNDRY

MAYTAG® LIMITED WARRANTY
3 YEARS—ALL PARTS

For a period from the date of original purchase through the time listed above, the designated parts that fail in normal commercial use will be repaired or replaced free of charge for the part itself, with the owner paying all other costs, including labor, transportation and customs duty. Chemical damage is excluded from all warranty coverage. See complete warranty for details.

OUR COMMITMENT TO DEPENDABLE QUALITY

At Maytag brand, we believe durable goods should remain just that. That's why every Maytag® product is constructed of the highest-quality materials and with the utmost in precision craftsmanship. It's also why we stand behind our equipment with solid service and support from our professional Maytag laundry suppliers. Simply put, when you choose Maytag® products, you ensure your peace of mind.

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PCM3 Received
FEBRUARY 27
2017

MHN33PD

ENERGY ADVANTAGE™ FRONT-LOAD WASHER

ADVANCED SPIN TECHNOLOGY

- Delivers more accurate cycle times and better unbalanced performance.*
- A six-point suspension features four dampers and two springs, providing better stability for the entire wash unit.
- An accelerometer provides an accurate reading of cabinet vibration.

DURACORE DRIVE SYSTEM

- Advanced drive system is more reliable.**
- Watertight, flexible triple-lip seal with garter spring keeps moisture away from the shaft, protecting the premium bearings.
- Durable shaft sleeve is designed to eliminate shaft wear.

INTELLIGENT CONTROLS WITH M-SERIES TECHNOLOGY

- Provides powerful profits for owners and flexibility for customers.
- Enhanced controls allow customized setup; each cycle and option can be priced individually, maximizing revenue.

ENERGY-EFFICIENT CLEANING

- ENERGY STAR®-qualified and uses on average 10.71 gallons of water per cycle, which helps reduce energy and water costs.
- TurboWash™ System's proven high-efficiency technology delivers energy savings without sacrificing cleaning performance.

CLOTHESPIN™ APP BY MAYTAG COMPATIBLE

- Customers will love how convenient it is to do their laundry with the new Clothespin™ app by Maytag.
- They can use their smartphones to pay for their laundry, remotely check for available washers and dryers, and receive a notification when their laundry cycles are complete.***

*Compared to previous model, MHN30, based on 18-lb load.
**Compared to previous model, MHN30.
***Subject to terms of use and privacy policy. Message and data rates may apply. In Canada, Maytag Connect 360°™ compatible only.

REDESIGNED BELLOW | ROBUST HINGE | DURABLE DISPENSER | FRONT ACCESS PANEL

ENERGY STAR

BUILT WITH AMERICAN PRIDE

Visit **maytagcommerciallaundry.com** or call **800-662-3587**

PCM3 Received
Feb 17 2016
Washington

MHN33PD
ENERGY ADVANTAGE™ FRONT-LOAD WASHER

OUR COMMITMENT TO DEPENDABLE QUALITY

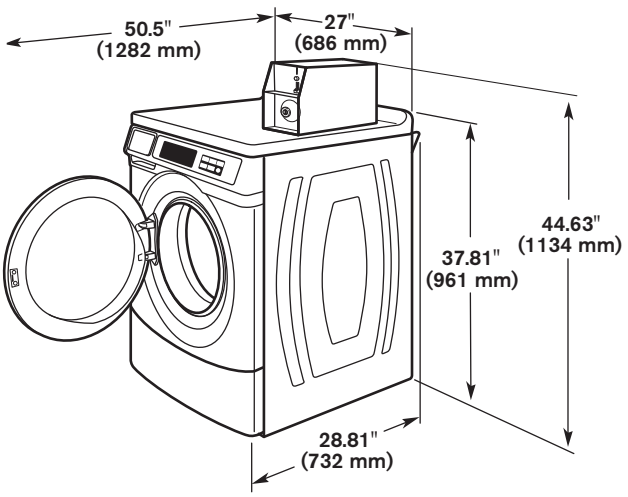
For well over 50 years, Maytag® Commercial Laundry has promised and delivered dependability. We create that quality by making durable washers and dryers, built to endure heavy use and last for years. We design our machines to perform reliably and to produce consistent results. Finally, we give our washers and dryers the power to do their jobs thoroughly, cleaning and drying laundry quickly and efficiently—and justifying the trust that has been placed in us for generations.

MAYTAG® ENERGY ADVANTAGE™ HE FRONT-LOAD WASHER

INTELLIGENT CONTROLS, COIN-DROP

WASHER SPECIFICATIONS	
MODEL	MHN33PD
MOTOR	
Variable-speed, reversible, thermoprotected, high-efficiency, controlled induction	Yes
Wash—HP (kw)	.09 (.07)
Extract—HP (kw)	.54 (.40)
Average energy consumption per cycle (kWh)	.054
CAPACITY	
Cylinder volume—cu. ft. (liters)	3.1 (88)
Cylinder diameter—in. (mm)	21.6 (547)
Cylinder depth—in. (mm)	13.4 (341)
WATER INLET HOSE	
Ft. (m)	4 (1.22)
DRAIN HOSE	
Ft. (m)	6 (1.83)
APPROXIMATE WATER USAGE—GALLONS (LITERS)	
Average hot water usage, hot water cycle	2.71 (10.26)
Average hot water usage, warm water cycle	.71 (2.69)
Average total water usage per cycle	10.71 (40.5)*
Modified Energy Factor (MEF)	2.45
Water Factor (WF)	3.50
ELECTRICAL RATING	
Domestic model—voltage	120V/60Hz
BREAKER/FUSE MIN. REQUIREMENTS	
Domestic model—amps	15
WASH SPEED–RPM	40
EXTRACT SPEED–MAX RPM/MAX G-FORCE	1,000/300
WATER SUPPLY PRESSURE	
Psi (bar)	20–100 (1–8)
ADJUSTABLE LEVELING LEGS	Yes
COLOR	White
APPROXIMATE WEIGHT	
Crated—lbs. (kg)	254 (115)
Uncrated—lbs. (kg)	245 (111)
DIMENSIONS	
Width—in. (mm)	27 (686)
Depth—in. (mm)	28.81 (732)
Height—in. (mm)	44.63 (1,134)**
Door opening diameter—in. (mm)	14.25 (362)
OPTIONAL PEDESTAL ADD:	
Height—in. (mm)	2.75 (70)

*Average based on DOE J1 testing with factory preset cycles.
**Includes height of metercase.
Dimensions are for planning purposes only. See specific instructions for proper installation. Because of continuous product improvement, Maytag reserves the right to change specifications without notice.



5 YEAR LIMITED ALL PARTS WARRANTY
MAYTAG® COMMERCIAL LAUNDRY

5-YEAR LIMITED WARRANTY
ALL PARTS COVERED

For a period from the date of original purchase through the time listed above, the designated parts that fail in normal commercial use will be repaired or replaced free of charge for the part itself, with the owner paying all other costs, including labor, transportation and customs duty. Chemical damage is excluded from all warranty coverage. See complete warranty for details.

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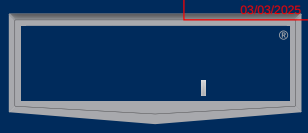
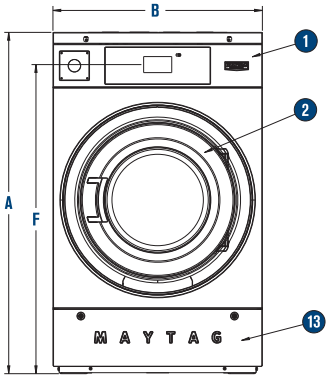
PCM3 Received
Addendum #2
03/03/2025

MULTI-LOAD WASHERS

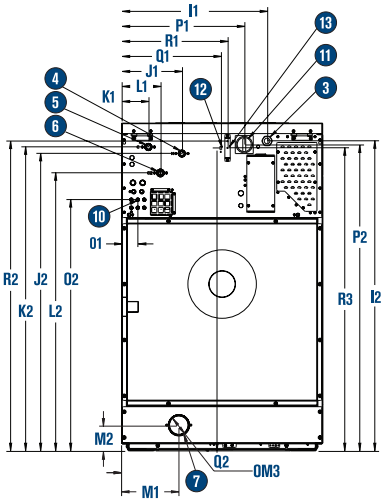
ON-PREMISES LAUNDRY – RIGID-MOUNT



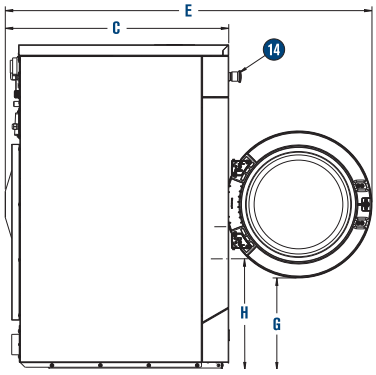
ON-PREMISES
MYR55PN pictured



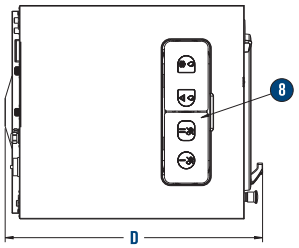
FRONT ELEVATION



BACK ELEVATION



SIDE ELEVATION



TOP ELEVATION

DIAGRAM KEY

1. Control Console
2. Loading Door
3. Electric Connection
4. Hot Water
5. Cold Water
6. Third Water
7. Drain
8. Soap Dispenser
9. Automatic Liquid Soap Manifold
10. Electric Disconnect
11. USB
12. Fuses
13. Toe Panel
14. Stop Switch

		A	B	C	D	E	F	G	H	I1	I2	J1	J2	K1	K2	L1	L2	M1	M2	OM3	O1	O2	P1	P2	Q1	Q2	R1	R2	R3
20R	MM	1112	660	686	772	1159	994	356	425	451	1045	225	1000	101	1023	146	927	168	95	70	60	826	368	1032	280	1019	305	1054	1019
	INCH	43 1/4	26	27	30 3/8	45 5/8	39 1/8	14	16 3/4	17 3/4	41 1/8	8 7/8	39 3/8	4	40 1/4	5 3/4	36 1/2	6 5/8	3 3/4	2 3/4	2 3/8	32 1/2	14 1/2	40 5/8	11	40 1/8	12	41 1/2	40 1/8
25R	MM	1222	750	724	791	1264	1108	346	419	543	1156	225	1108	101	1133	146	1035	213	95	70	70	937	458	1140	371	1130	394	1155	1130
	INCH	48 1/8	29 1/2	28 1/2	31 1/8	49 3/4	43 5/8	13 5/8	16 1/2	21 3/8	45 1/2	8 7/8	43 5/8	4	44 5/8	5 3/4	40 3/4	8 3/8	3 3/4	2 3/4	2 3/4	36 7/8	18	44 7/8	14 5/8	44 1/2	15 1/2	45 1/2	44 1/2
30R	MM	1222	750	841	905	1378	1108	346	419	543	1156	225	1108	101	1133	146	1035	213	95	70	70	937	458	1140	371	1130	394	1155	1130
	INCH	48 1/8	29 1/2	33 1/8	35 5/8	54 1/4	43 5/8	13 5/8	16 1/2	21 3/8	45 1/2	8 7/8	43 5/8	4	44 5/8	5 3/4	40 3/4	8 3/8	3 3/4	2 3/4	2 3/4	36 7/8	18	44 7/8	14 5/8	44 1/2	15 1/2	45 1/2	44 1/2
40R	MM	1410	889	883	946	1470	1289	467	537	578	1343	289	1244	175	1321	175	1224	283	133	70	70	1095	492	1330	406	1317	429	1343	1318
	INCH	55 1/2	35	34 3/4	37 1/4	57 7/8	50 3/4	18 3/8	21 1/8	22 3/4	52 7/8	11 3/8	49	6 7/8	52	6 7/8	48 3/16	11 1/8	5 1/4	2 3/4	2 3/4	43 1/8	19 3/8	52 3/8	16	51 7/8	16 7/8	52 7/8	51 7/8
55R	MM	1410	889	1019	1083	1607	1289	467	537	578	1343	289	1244	175	1321	175	1224	283	133	70	70	1095	492	1330	406	1317	429	1343	1318
	INCH	55 1/2	35	40 1/8	42 5/8	63 1/4	50 3/4	18 3/8	21 1/8	22 3/4	52 7/8	11 3/8	49	6 7/8	52	6 7/8	48 3/16	11 1/8	5 1/4	2 3/4	2 3/4	43 1/8	19 3/8	52 3/8	16	51 7/8	16 7/8	52 7/8	51 7/8
65R	MM	1410	889	1092	1156	1680	1289	467	537	578	1334	289	1242	175	1321	175	1224	283	133	70	70	1095	492	1330	406	1317	429	1343	1318
	INCH	55 1/2	35	43	45 1/2	66 1/8	50 3/4	18 3/8	21 1/8	22 3/4	52 7/8	11 3/8	49	6 7/8	52	6 7/8	48 3/16	11 1/8	5 1/4	2 3/4	2 3/4	43 1/8	19 3/8	52 3/8	16	51 7/8	16 7/8	52 7/8	51 7/8

VISIT MAYTAGCOMMERCIALLAUNDRY.COM FOR MORE INFORMATION.

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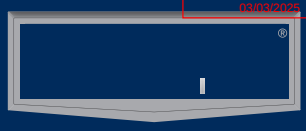
MY200027 12/22

PCM3 Received
Addendum #2
03/03/2025

MULTI-LOAD WASHERS

ON-PREMISES LAUNDRY – RIGID-MOUNT



MODEL	MYR20PN	MYR25PN	MYR30PN	MYR40PN	MYR55PN	MYR65PN
CAPACITY						
Cylinder Volume – cu. ft. (liters)	2.6 (73)	3.6 (101)	4.6 (131)	6.0 (171)	8.1 (230)	9.3 (262)
Cylinder Diameter – in. (mm)	20.9 (530)	24.4 (620)	24.4 (620)	29.5 (750)	29.5 (750)	29.5 (750)
Cylinder Depth – in. (mm)	13.9 (352)	13.9 (352)	17.9 (454)	16.2 (411)	21.6 (548)	24.4 (621)
Dry Load Capacity – lb (kg)	20 (9)	25 (11)	30 (14)	40 (18)	55 (25)	65 (30)
SUSPENSION						
Max. Spin RPM / Maximum Extract G-Force	828 / 200	790 / 200	790 / 200	693 / 200	693 / 200	693 / 200
CONNECTIVITY						
USB Programmability	Yes	Yes	Yes	Yes	Yes	Yes
Built in WiFi*	Yes	Yes	Yes	Yes	Yes	Yes
DIMENSIONS						
Depth – in. (mm)	27 (686)	28.5 (725)	33.1 (840)	34.8 (883)	40.1 (1,019)	43 (1092)
Width – in. (mm)	26 (660)	29.5 (750)	29.5 (750)	35.0 (890)	35.0 (890)	35.0 (890)
Height – in. (mm)	43.8 (1,112)	48.1 (1,222)	48.1 (1,222)	55.5 (1,410)	55.5 (1,410)	55.5 (1,410)
Door Opening – in. (mm)	12.9 (328)	16.1 (410)	16.1 (410)	18.1 (459)	18.1 (459)	18.1 (459)
CRATED DIMENSIONS						
Width – in. (mm)	27.8 (705)	31.5 (800)	31.5 (800)	37.0 (940)	37.0 (940)	37.0 (940)
Depth – in. (mm)	33.1 (841)	34.6 (880)	39.0 (991)	40.5 (1,029)	46.0 (1,169)	48.9 (1,242)
Height – in. (mm)	50.0 (1,270)	54.4 (1,381)	54.4 (1,381)	61.4 (1,560)	61.4 (1,560)	61.4 (1,560)
APPROXIMATE WEIGHT						
Uncrated – lb (kg)	334 (151)	447 (203)	489 (222)	688 (312)	731 (332)	764 (347)
Crated – lb (kg)	365 (166)	480 (218)	523 (237)	724 (328)	769 (349)	802 (364)
ELECTRICAL CONNECTION OPTIONS (VOLTS / Hz / PHASE)						
W = 120 / 60 / 1 (no electrical heating)	Yes	Yes	Yes	No	No	No
T = 208 – 240 / 60 / 1 (no electrical heating)	Yes	Yes	Yes	Yes	Yes	Yes
WATER HEATING OPTIONS						
Hot/Cold Water Connections Only	Yes	Yes	Yes	Yes	Yes	Yes
WATER, CHEMICAL DISPENSING, DRAINS						
Number of Water Inlets	2	2	2	2	2	2
Optional Third Water Inlet	Yes	Yes	Yes	Yes	Yes	Yes
Inlet Sizes – in. (mm)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)
Operating Pressure – psi (bar)	20 – 120 (1-8)	20 – 120 (1-8)	20 – 120 (1-8)	20 – 120 (1-8)	20 – 120 (1-8)	20 – 120 (1-8)
Number of Dispenser Compartments	4	4	4	4	4	4
External Chemical Connections, Number	8	8	8	8	8	8
Dump Valve Drain, Size – in. (mm)	Yes, 3 (76)	Yes, 3 (76)	Yes, 3 (76)	Yes, 3 (76)	Yes, 3 (76)	Yes, 3 (76)
Second Dump Valve Drain Option	No	No	No	No	No	No
ENERGY STAR® CERTIFIED	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
SOUND PRESSURE – dBA	<70	<70	<70	<70	<70	<70
MOTOR SIZE – hp	3/4	3/4	1.0	1.5	2.0	2.0

5 YEAR LIMITED WARRANTY
MAYTAG® COMMERCIAL LAUNDRY

AMERICA
AN AMERICAN COMPANY FOR OVER 100 YEARS

*WiFi required. Features subject to change.

See maytagcommerciallaundry.com for warranty details.

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MY200027 12/22

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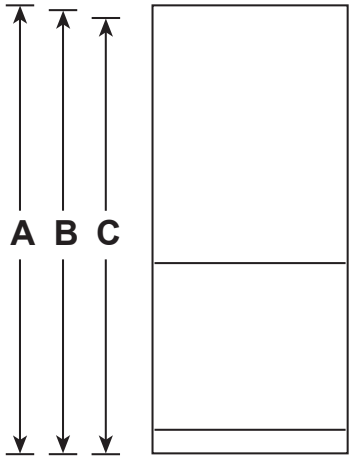
GDE21EYK/EMK

GE Series ENERGY STAR® 20.9 Cu. Ft. Bottom-Freezer Refrigerator

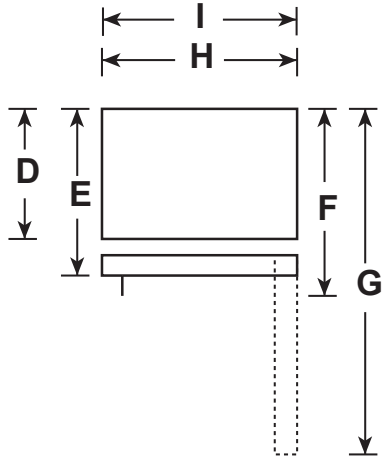
DIMENSIONS AND INSTALLATION INFORMATION (IN INCHES)

OVERALL DIMENSIONS	Height to top of door (in.) **A**	**69-7/8**
	Height to top of hinge (in.) **B**	**69-3/4**
	Height to top of case (in.) **C**	**68-5/8**
	Case depth without door (in.) **D**	**29-3/4**
	Case depth less door handle (in.) **E**	**34-1/8**
	Case depth with door handle (in.) **F**	**36-5/8**
	Depth with fresh food door open 90˚ (in.) **G**	**61-1/4**
	Width (in.) **H**	**29-3/4**
	Width with door open 90˚ inc. door handle (in.) **I**	**33-7/8**
AIR CLEARANCES	Each side (in.)	**1/8**
	Top (in.)	**1**
	Back (in.)	**2**

FRONT VIEW



TOP VIEW



GE APPLIANCES

For answers to your Monogram, GE Café™, GE Profile™ or GE Appliances product questions, visit our website at geappliances.com or call GE Answer Center® Service, 800.626.2000.

Listed by Underwriters Laboratories

As an ENERGY STAR® partner, GE has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

Specification Created 7/21

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GDE21EYK/EMK

GE Series ENERGY STAR® 20.9 Cu. Ft. Bottom-Freezer Refrigerator

FEATURES AND BENEFITS

30" wide

LED lighting – Find exactly what you've been looking for under crisp, clear lighting

Sliding snack drawer – Make more space, exactly where you need it, with a drawer that moves across the entire width of the fresh-food section

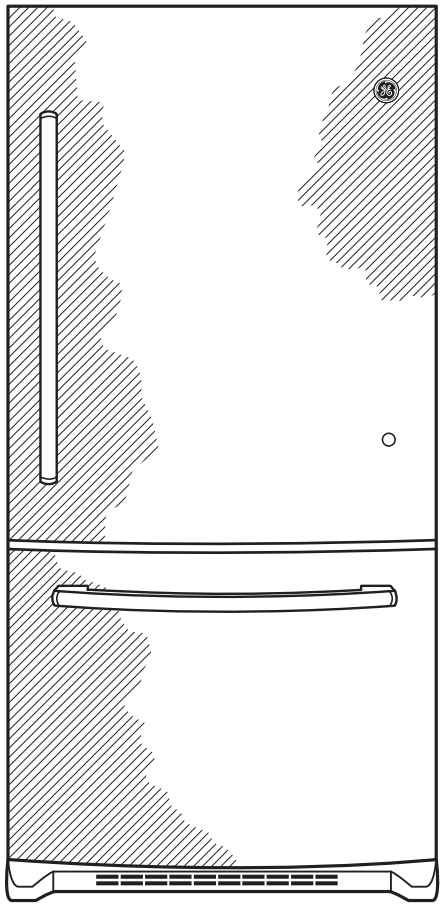
Factory-installed icemaker – Refrigerator comes ready to automatically create ice

Advanced water filtration uses XWFE replacement filter – Reduces trace pharmaceuticals from water and ice* (* Removes 98% of ibuprofen, atenolol, fluoxetine, progesterone and trimethoprim. These pharmaceuticals are not necessarily in all users' water)

Upfront temperature controls with actual temperature display – Easy-to-reach controls display accurate temperatures

Model GDE21EYKFS – Fingerprint Resistant Stainless

Model GDE21EMKES – Slate



GE APPLIANCES

As an ENERGY STAR® partner, GE has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

Specification Created 7/21

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03/03/2025

ADA24R • 24" Solid Door Refrigerator • ADA Collection

STAINLESS
SOLID (LOCK)

INTEGRATED
SOLID

BLACK
SOLID (LOCK)

FEATURES & BENEFITS

PERFORMANCE

- Volume of 5.3 cu ft holds up to 70 bottles (12 oz) or 140 cans (12 oz)
- Digital Touch Pad Control is conveniently located on upper face of unit
- Temperature range: 34°F - 45°F
- Convection cooling system rapidly and efficiently takes items to the set temperature

INTERIOR/EXTERIOR

- 32" height meets ADA height requirement yet maximizes allowable space
- White interior is illuminated with LED lighting
- Three adjustable glass shelves
- Stainless steel handle (⅞" diameter)
- Door swing is field reversible, and is shipped right-hand hinged
- Door lock is standard on stainless and black models

INTEGRATION

- Unit is designed to be built-in or can be freestanding
- Four independently adjustable leveling legs provide a precise undercounter fit
- Available in the following finishes: Stainless, Integrated, or Black
- Integrated model requires ¾" custom door panel (panels not supplied by U-Line)

Model Details

Model	Voltage/Hz	Door Swing	Finish	Shipping Weight
U-ADA24RS-13B	115 / 60	Field Reversible	Stainless Solid (Lock)	123 lb
U-ADA24RINT-00A	115 / 60	Field Reversible	Integrated Solid	117 lb
U-ADA24RB-13B	115 / 60	Field Reversible	Black Solid (Lock)	123 lb

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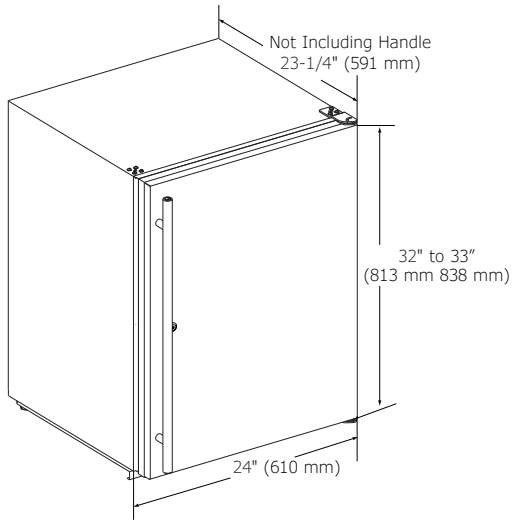
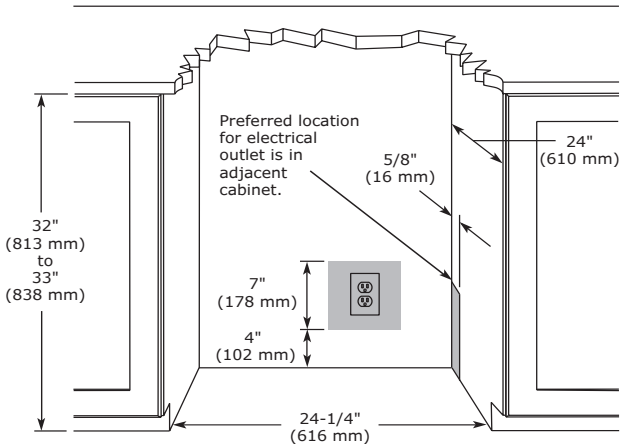
ADA24R • 24" Solid Door Refrigerator • ADA Collection

DIMENSIONS

Dimensions shown apply to all finishes, including Integrated (INT) models with 3/4" integrated panel/frame installed.



CABINET CUT-OUT



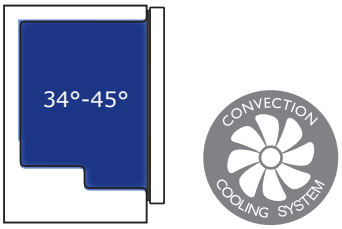
INSTALLATION NOTES

When installing adjacent to wall, ensure 2 ½" clearance on hinged side for 90° door opening, allowing ample room for door handle.
Cutout includes the additional ¼" width overall to ensure proper installation.
No additional clearance around sides, top or rear of unit is needed for ventilation.
Do not obstruct front grille air flow.

SPECIFICATIONS

Model	ADA24R
Amps: Running	1.2
Capacity: Bottle (12 oz)	70
Capacity: Can (12 oz)	140
Capacity: Volume (cu ft)	5.3
Control Type	Digital Touch Pad
Dimensions: Product Depth	23 ¼" / 591 mm
Dimensions: Product Height	32" / 813 mm
Dimensions: Product Width	24" / 610 mm
Energy Consumption: Avg. Per Year	240 kWh
ENERGY STAR / CEE RATING	ENERGY STAR / Tier 3
Panel Height	30 ¼" / 768 mm
Panel Thickness	¾" / 20 mm
Panel Type	Solid Panel
Panel Width	23 ¾" / 603 mm
Product Weight: Max	117 lb
Refrigerant Type	R600a (1.23 oz)
Sabbath (Star K Certified)	Yes
Temperature Range	34°F - 45°F

COOLING SYSTEM



ELECTRICAL REQUIREMENTS

This unit requires a grounded, polarized 115 VAC, 60 Hz, 15 A power supply (normal household current).

- 1 Year (parts & labor) / 5 year sealed system (parts)

+ **Additional 1 Year (parts & labor) warranty at no cost with product registration**

See complete warranty for details

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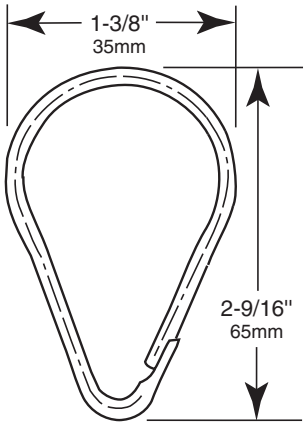
03/03/2025

BOBRICK

Technical Data

STAINLESS STEEL SHOWER CURTAIN HOOK

204-1



MATERIALS:

18-8, Type-304, 0.09" (2.28mm) diameter stainless steel.

OPERATION:

Shower curtain hooks can be used with 1" and 1-1/4" (25 and 32mm) diameter shower curtain rods.

Designer's Note: 72" (1830mm) high shower curtains of opaque white vinyl are available from Bobrick as an optional accessory. Order Part No. 204-2 for 42" (1065mm) wide curtains (requires 7 hooks) or Part No. 204-3 for 70" (1780mm) wide curtains (requires 12 hooks).

INSTALLATION:

Hooks snap open to allow placement on 1" (25mm) or 1-1/4" (32mm) diameter shower curtain rods. Recommended for use with Bobrick Models B-207, B-4207, B-6047, and B-6107 stainless steel shower curtain rods.

SPECIFICATION:

Shower curtain hooks shall be 0.09" (2mm) diameter, type-304 stainless steel. Hooks shall be usable with 1" and 1-1/4" (25 and 32mm) diameter shower curtain rods.

Stainless Steel Shower Curtain Hooks shall be Part No. 204-1 of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.

The illustrations and descriptions herein are applicable to production as of the date of this Technical Data Sheet.
The manufacturer reserves the right to, and does from time to time, make changes and improvements in designs and dimensions.

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03/03/2025

BOBRICK

Technical Data

VINYL SHOWER CURTAINS

204-2
204-3

Specify Part Required:

- ❑ 204-2 42" wide x 72" high (1065 x 1830mm)
- ❑ 204-3 70" wide x 72" high (1780 x 1830mm)

MATERIALS:

Opaque, matte white vinyl 0.008" (0.2mm) thick, containing antibacterial and flame-retardant agents. White HDPE grommets along top, one every 6" (150mm). Bottom and sides are hemmed.

OPERATION:

Hooks available as optional accessory: order Bobrick Part No. 204-1. 204-2 shower curtain, 42" wide x 72" high (1065 x 1830mm), requires 7 hooks. 204-3 shower curtain, 70" wide x 72" high (1780 x 1830mm), requires 12 hooks.

INSTALLATION:

Recommended for use with Bobrick stainless steel shower curtain hooks on Bobrick stainless steel shower curtain rods: Models B-207, B-4207, B-6047 and B-6107.

SPECIFICATION:

Shower curtains shall be opaque, matte white vinyl 0.008" (0.2mm) thick, containing antibacterial and flame-retardant agents (Formulated to meet CFSM Title 19.13115), and shall have white HDPE grommets along top. Bottom and sides shall be hemmed.
NFPA-701 certified.

Vinyl Shower Curtains shall be Model _____ (insert model number) of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.

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Addendum #2
03/03/2025

SUITMATE
SWIMSUIT WATER EXTRACTOR

Technical Specifications

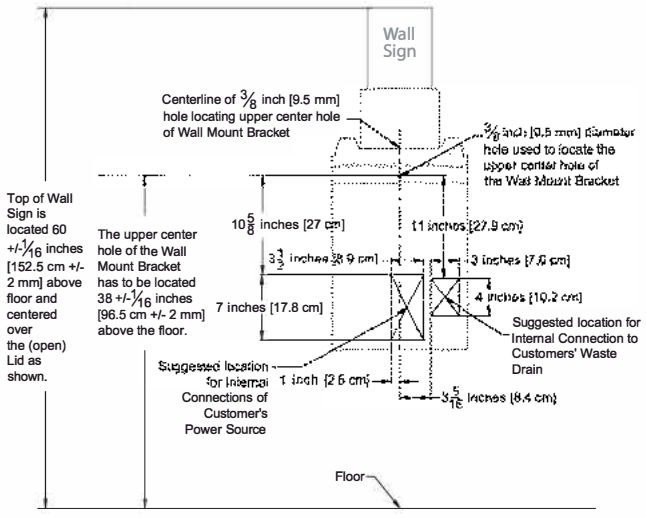
Specifications

Power Rating: 115 V, 60 Hz, 8.6 Amp
Dimensions: 15 x 15 x 23 inches (38 x 38 x 58.4 cm)
Weight: 55 pounds (25 kg)
Construction: 304-series stainless steel & durable plastic
Spin Speed: 3450 RPM
Motor: 1/3 horsepower
Cycle Time: 8 seconds
Power Consumption: 1.82 watts per cycle*
Certifications: Underwriters Laboratories, Underwriters Laboratories Canada

Safety Features

Manual self-start and self-stop
No exposed moving parts
Built-in ground fault circuit interrupter (GFCI)

Recommended Unit and Utilities Location Diagram



Installation

Wall mounted via supplied Wall Mount Bracket
Direct electrical connection to a 115 V, 60 Hz, 20 Amp dedicated circuit
Water drainage to approved sanitary waste line or to floor drain

Operating Features

Easy to follow instructions
Manual self-start and stop via hand pressure on the lid
Removes approximately 95% of a swimsuit's water in 8 seconds
Uses no heat

Model	Configuration
EC3	115 V, 60 Hz, 8.6 Amp

**Varies based on basket load*

Manufactured in the USA by: Extractor Corporation, 685 Martin Drive, South Elgin, IL 60177 • Ph: 800-553-3353 US & Canada
Ph: +1-847-742-3532 All Other Countries • Email: info@suitmate.com • Web: www.suitmate.com

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Addendum #2
03/03/2025

Compton Community College

UTIL-LOCATE SUBSURFACE UTILITY MAP

NOTE: POTHOLING IS "HIGHLY" RECOMMENDED, THE EXPOSURE OF THE UTILITY LINE WILL ACCURATELY VERIFY EXACT, DEPTH, DIRECTION, SIZE AND MATERIAL OF THE UTILITY PIPE OR LINE.
FOR AN ESTIMATE-PLEASE CALL OFFICE.

SUBSURFACE UTILITY MAP
1136 E. Valencia Dr, Fullerton, CA 92831
Toll free: 888.885.6228 Office: 714.521.5393 Cell: 714.296.9680
Email: arts@util-locate.com Web: www.util-locate.com

SUBSURFACE UTILITY MAP SYMBOLS

Symbols	Description
	MANHOLE
	GREASE INTERCEPTOR
	HANDHOLE
	SEWER / STORM DRAIN CLEAN OUT (C/O)
	COMMUNICATION DROP / GAS DROP / ELECTRICAL DROP / WATER DROP
	STANDARD & PROPERTY LIGHT / YARD-LIGHT STANDARDS
	UTILITY POLE / POWER POLE
	PARKING LOT LIGHTS / STREET LIGHTS
	PIPE TURNS UP / RISER / SPIGOT
	STORM-GRATE / STORM DRAIN
	CURB SIDE DRAIN
	FLOOR DRAIN
	ELECTRICAL PANEL / SERVICE BOX / COMMUNICATION PANEL
	TELEPHONE / BLUE CODE EMERGENCY PHONE
	GAS METER / WATER METER
	GAS VALVE / WATER VALVE / CONTROL VALVE
	ELECTRICAL TRANSFORMER OR PAD MOUNTED TRANSFORMER (E.P.M.T)
	ELECT. BOX / COM. BOX / VAULTS / PULL BOX / J-BOX / CONTROL BOX
	FIRE HYDRANT / POST INDICATOR VALVE
	FDC (FIRE DEPARTMENT CONNECTION)
	END OF SIGNAL
	BACKFLOW PREVENTER
	UTILITY LINE CUT
	CAPPED UTILITY LINE
	POTHOLE LOCATING

ABBREVIATION		ABBREVIATION	
Abrv	Description	Abrv	Description
CV	Communication Vault	MTY	Empty
EV	Electrical Vault	TW	Tracer Wire
NC	Nonconductive	BFP	Backflow Preveter
MH	Mandhole	N/A	Not Accessible
PB	Pull Box	UNK-I	Unknown Induction
CNO	Can not open	UNK-G	Unknown GPR
WV	Water Valve	CU	Copper
GV	Gas Valve	RC	Reclaim Water
DB	Direct Buried	PIV	Post Indicator Valve
PLA	Plastic (Conduit or Pipe)	JT	Joint Trench
STL	Steel	T	Trench
CI	Cast Iron	ACP	Asbestos Cement Pipe
MTL	Metal	VCP	Vertrified Clay Pipe

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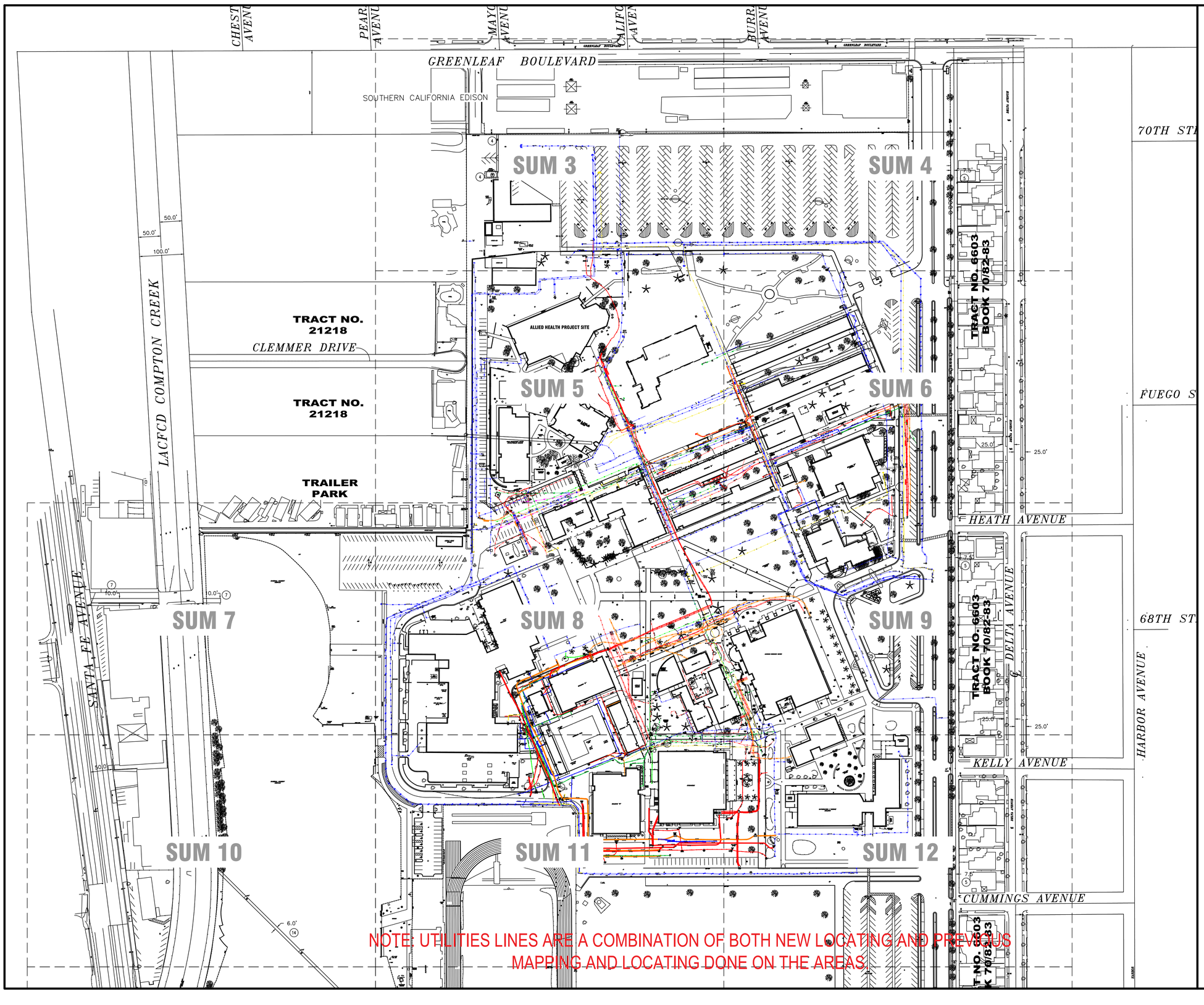

NOTE: UTILITIES LINES ARE A COMBINATION OF BOTH NEW LOCATING AND PREVIOUS MAPPING AND LOCATING DONE ON THE AREAS.

SUBSURFACE UTILITY MAP

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Email: arts@util-locate.com Web: www.util-locate.com

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STL	Steel	T	Trench
CI	Cast Iron	ACP	Asbestos Cement Pipe
MTL	Metal	VCP	Vertrified Clay Pipe

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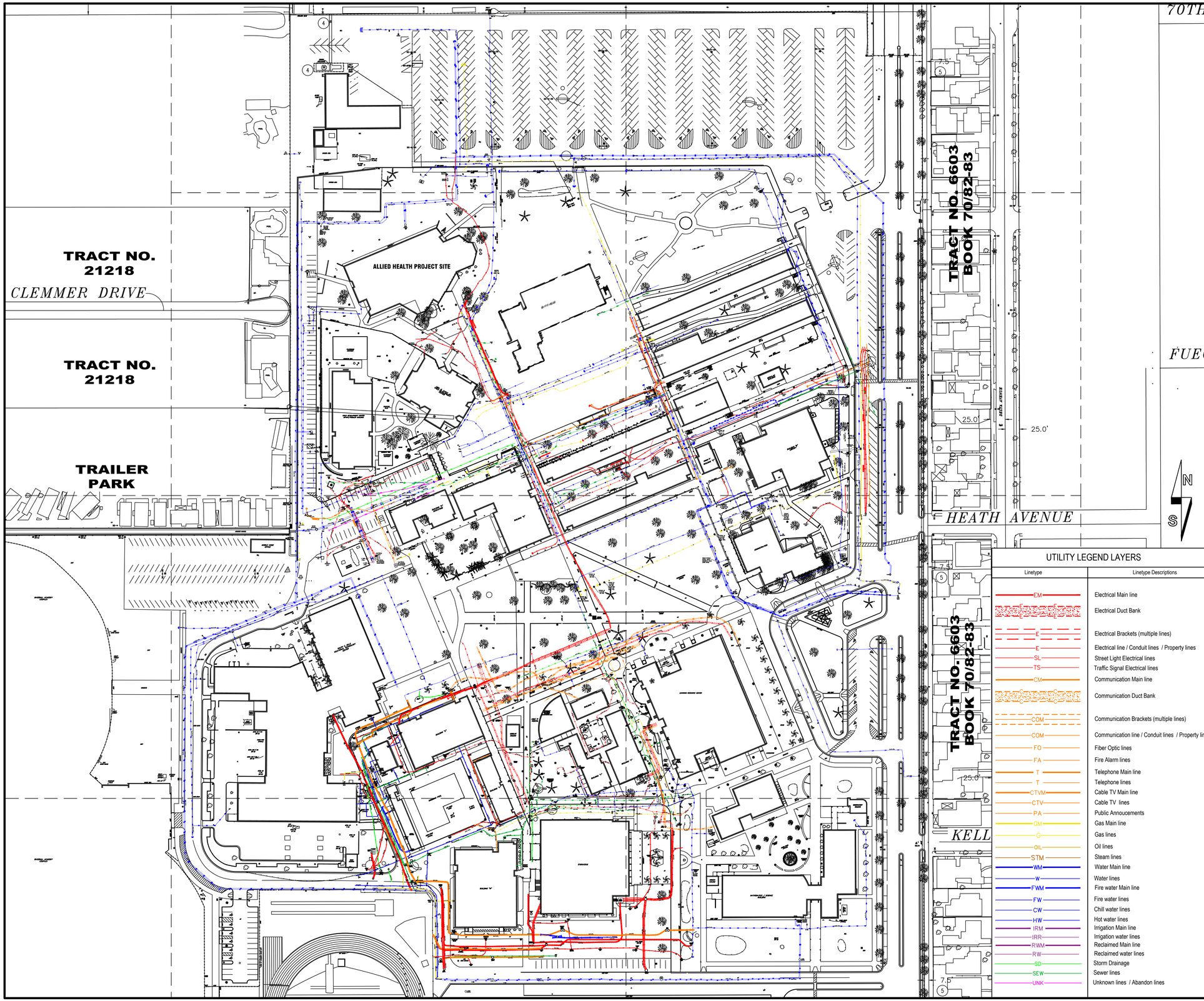

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PLA	Plastic (Conduit or Pipe)	JT	Joint Trench
STL	Steel	T	Trench
CI	Cast Iron	ACP	Asbestos Cement Pipe
MTL	Metal	VCP	Vertrified Clay Pipe

UTILITY LEGEND LAYERS

Linetype	Linetype Descriptions
EM	Electrical Main line
	Electrical Duct Bank
E	Electrical Brackets (multiple lines)
E	Electrical line / Conduit lines / Property lines
SL	Street Light Electrical lines
TS	Traffic Signal Electrical lines
CM	Communication Main line
	Communication Duct Bank
COM	Communication Brackets (multiple lines)
COM	Communication line / Conduit lines / Property lines
FO	Fiber Optic lines
FA	Fire Alarm lines
T	Telephone Main line
T	Telephone lines
CTVM	Cable TV Main line
CTV	Cable TV lines
PA	Public Annoucements
GM	Gas Main line
G	Gas lines
OIL	Oil lines
STM	Steam lines
WM	Water Main line
W	Water lines
FWM	Fire water Main line
FW	Fire water lines
CW	Chill water lines
HW	Hot water lines
IRM	Irrigation Main line
IRR	Irrigation water lines
RWM	Reclaimed Main line
RW	Reclaimed water lines
SD	Storm Drainage
SEW	Sewer lines
UNK	Unknown lines / Abandon lines

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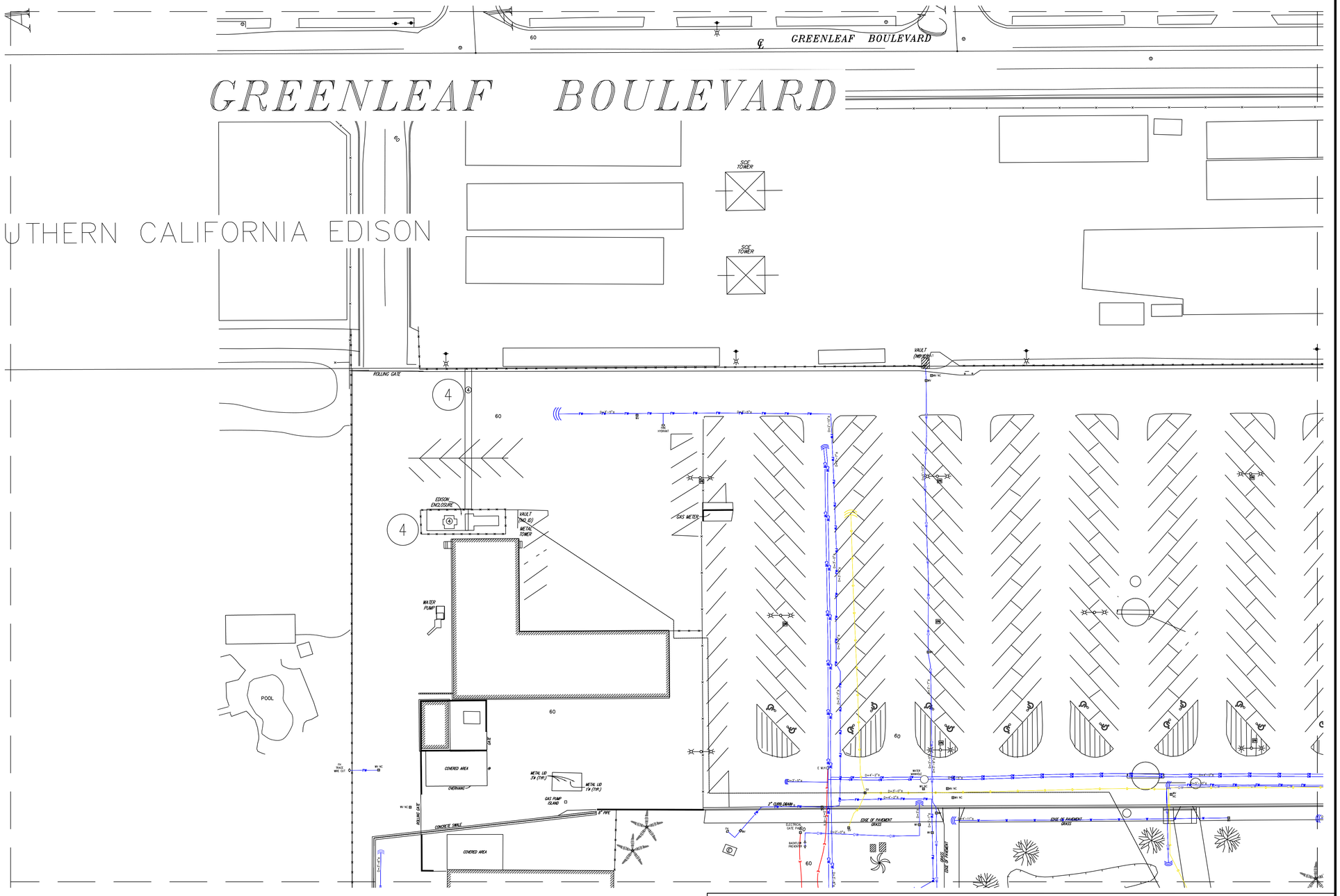
Excavators



UTILITY LEGEND LAYERS

Linetype	Linetype Descriptions	Linetype	Linetype Descriptions	Linetype	Linetype Descriptions
EM	Electrical Main line	FO	Fiber Optic lines	FWM	Fire water Main line
	Electrical Duct Bank	FA	Fire Alarm lines	FW	Fire water lines
E	Electrical Brackets (multiple lines)	T	Telephone Main line	CW	Chill water lines
E	Electrical line / Conduit lines / Property lines	T	Telephone lines	HW	Hot water lines
SL	Street Light Electrical lines	CTVM	Cable TV Main line	IRM	Irrigation Main line
TS	Traffic Signal Electrical lines	CTV	Cable TV lines	IRR	Irrigation water lines
CM	Communication Main line	PA	Public Annoucements	RWM	Reclaimed Main line
	Communication Duct Bank	GM	Gas Main line	RW	Reclaimed water lines
COM	Communication Brackets (multiple lines)	G	Gas lines	SD	Storm Drainage
COM	Communication line / Conduit lines / Property lines	OIL	Oil lines	SEW	Sewer lines
		STM	Steam lines	UNK	Unknown lines / Abandon lines
		WM	Water Main line		
		W	Water lines		

SUBSURFACE UTILITY MAP

1136 E. Valencia Dr, Fullerton, CA 92831
Toll free: 888.885.6228 Office: 714.521.5393 Cell: 714.296.9680
Email: arts@util-locate.com Web: www.util-locate.com

SUBSURFACE UTILITY MAP SYMBOLS

Symbols	Description
	MANHOLE
	GREASE INTERCEPTOR
	HANDHOLE
	SEWER / STORM DRAIN CLEAN OUT (C/O)
	COMMUNICATION DROP / GAS DROP / ELECTRICAL DROP / WATER DROP
	STANDARD & PROPERTY LIGHT / YARD-LIGHT STANDARDS
	UTILITY POLE / POWER POLE
	PARKING LOT LIGHTS / STREET LIGHTS
	PIPE TURNS UP / RISER / SPIGOT
	STORM-GRATE / STORM DRAIN
	CURB SIDE DRAIN
	FLOOR DRAIN
	ELECTRICAL PANEL / SERVICE BOX / COMMUNICATION PANEL
	TELEPHONE / BLUE CODE EMERGENCY PHONE
	GAS METER / WATER METER
	GAS VALVE / WATER VALVE / CONTROL VALVE
	ELECTRICAL TRANSFORMER OR PAD MOUNTED TRANSFORMER (E.P.M.T)
	ELECT. BOX / COM. BOX / VAULTS / PULL BOX / J-BOX / CONTROL BOX
	FIRE HYDRANT / POST INDICATOR VALVE
	FDC (FIRE DEPARTMENT CONNECTION)
	END OF SIGNAL
	BACKFLOW PREVENTER
	UTILITY LINE CUT
	CAPPED UTILITY LINE
	POTHOLE LOCATING

ABBREVIATION		ABBREVIATION	
Abrv	Description	Abrv	Description
CV	Communication Vault	MTY	Empty
EV	Electrical Vault	TW	Tracer Wire
NC	Nonconductive	BFP	Backflow Preveter
MH	Mandhole	N/A	Not Accessible
PB	Pull Box	UNK-I	Unknown Induction
CNO	Can not open	UNK-G	Unknown GPR
WV	Water Valve	CU	Copper
GV	Gas Valve	RC	Reclaim Water
DB	Direct Buried	PIV	Post Indicator Valve
PLA	Plastic (Conduit or Pipe)	JT	Joint Trench
STL	Steel	T	Trench
CI	Cast Iron	ACP	Asbestos Cement Pipe
MTL	Metal	VCP	Vertrified Clay Pipe

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PROJECT ADDRESS

1111 E Artesia Blvd, Compton, CA 90221

DATE	REVISION
04-18-2022	Full Map up to date

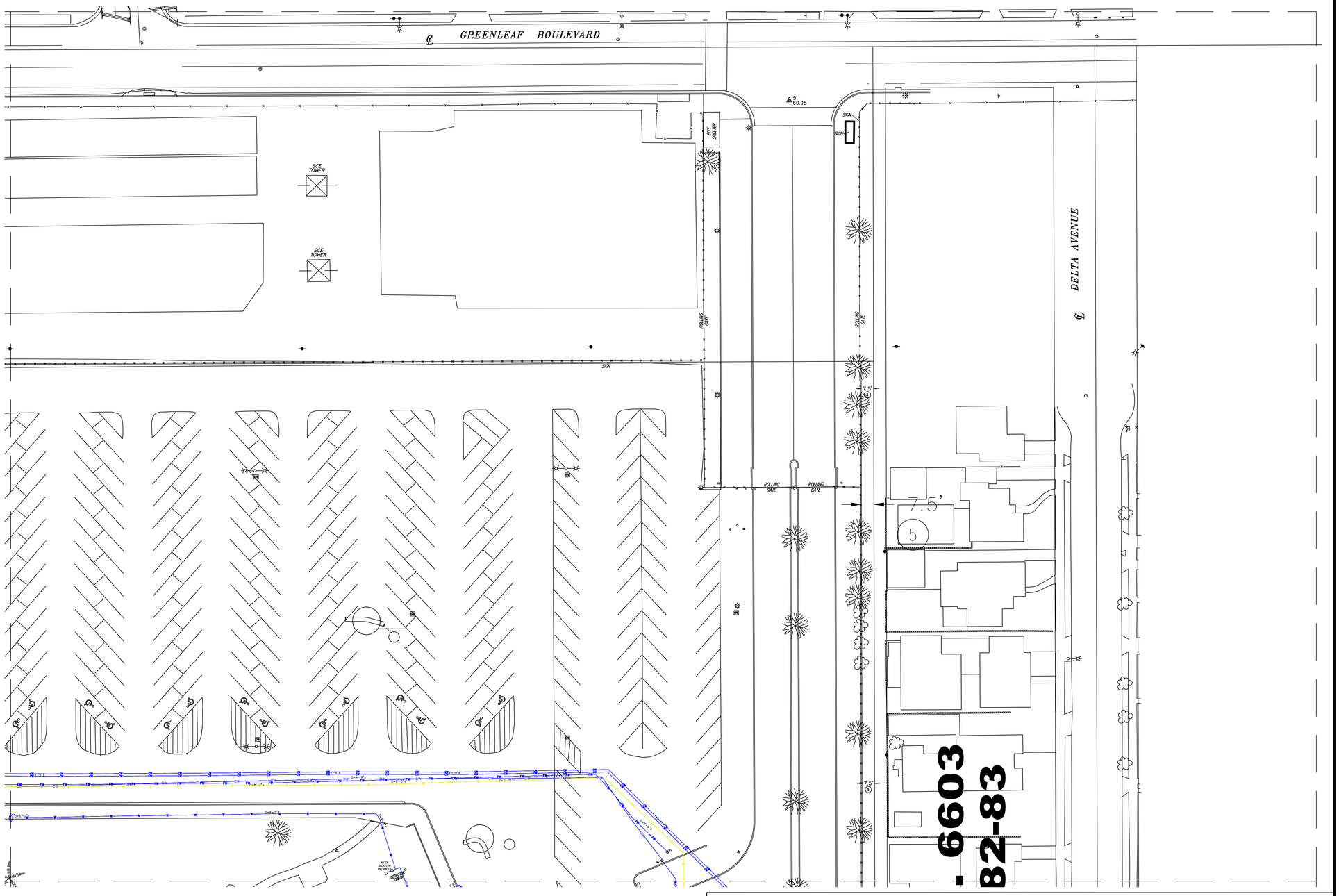
DRAWN BY: I.M

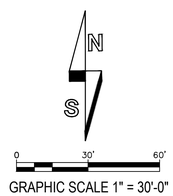
CHECKED BY: A.S

SHEET No:

SUM-3

PCM3 Received
Addendum #2
03/03/2025





GRAPHIC SCALE 1" = 30'-0"

UTILITY LEGEND LAYERS

Linetype	Linetype Descriptions	Linetype	Linetype Descriptions	Linetype	Linetype Descriptions
EM	Electrical Main line	FO	Fiber Optic lines	FWM	Fire water Main line
	Electrical Duct Bank	FA	Fire Alarm lines	FW	Fire water lines
E	Electrical Brackets (multiple lines)	T	Telephone Main line	CW	Chill water lines
E	Electrical line / Conduit lines / Property lines	T	Telephone lines	HW	Hot water lines
SL	Street Light Electrical lines	CTVM	Cable TV Main line	IRM	Irrigation Main line
TS	Traffic Signal Electrical lines	CTV	Cable TV lines	IRR	Irrigation water lines
CM	Communication Main line	PA	Public Annoucements	RWM	Reclaimed Main line
	Communication Duct Bank	GM	Gas Main line	RW	Reclaimed water lines
COM	Communication Brackets (multiple lines)	G	Gas lines	SD	Storm Drainage
COM	Communication line / Conduit lines / Property lines	OIL	Oil lines	SEW	Sewer lines
		STM	Steam lines	UNK	Unknown lines / Abandon lines
		WM	Water Main line		
		W	Water lines		

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	STANDARD & PROPERTY LIGHT / YARD-LIGHT STANDARDS
	UTILITY POLE / POWER POLE
	PARKING LOT LIGHTS / STREET LIGHTS
	PIPE TURNS UP / RISER / SPIGOT
	STORM-GRATE / STORM DRAIN
	CURB SIDE DRAIN
	FLOOR DRAIN
	ELECTRICAL PANEL / SERVICE BOX / COMMUNICATION PANEL
	TELEPHONE / BLUE CODE EMERGENCY PHONE
	GAS METER / WATER METER
	GAS VALVE / WATER VALVE / CONTROL VALVE
	ELECTRICAL TRANSFORMER OR PAD MOUNTED TRANSFORMER (E.P.M.T)
	ELECT. BOX / COM. BOX / VAULTS / PULL BOX / J-BOX / CONTROL BOX
	FIRE HYDRANT / POST INDICATOR VALVE
	FDC (FIRE DEPARTMENT CONNECTION)
	END OF SIGNAL
	BACKFLOW PREVENTER
	UTILITY LINE CUT
	CAPPED UTILITY LINE
	POTHOLE LOCATING

ABBREVIATION		ABBREVIATION	
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WV	Water Valve	CU	Copper
GV	Gas Valve	RC	Reclaim Water
DB	Direct Buried	PIV	Post Indicator Valve
PLA	Plastic (Conduit or Pipe)	JT	Joint Trench
STL	Steel	T	Trench
CI	Cast Iron	ACP	Asbestos Cement Pipe
MTL	Metal	VCP	Vertrified Clay Pipe

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PROJECT ADDRESS

1111 E Artesia Blvd,
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DATE	REVISION
04-18-2022	Full Map up to date

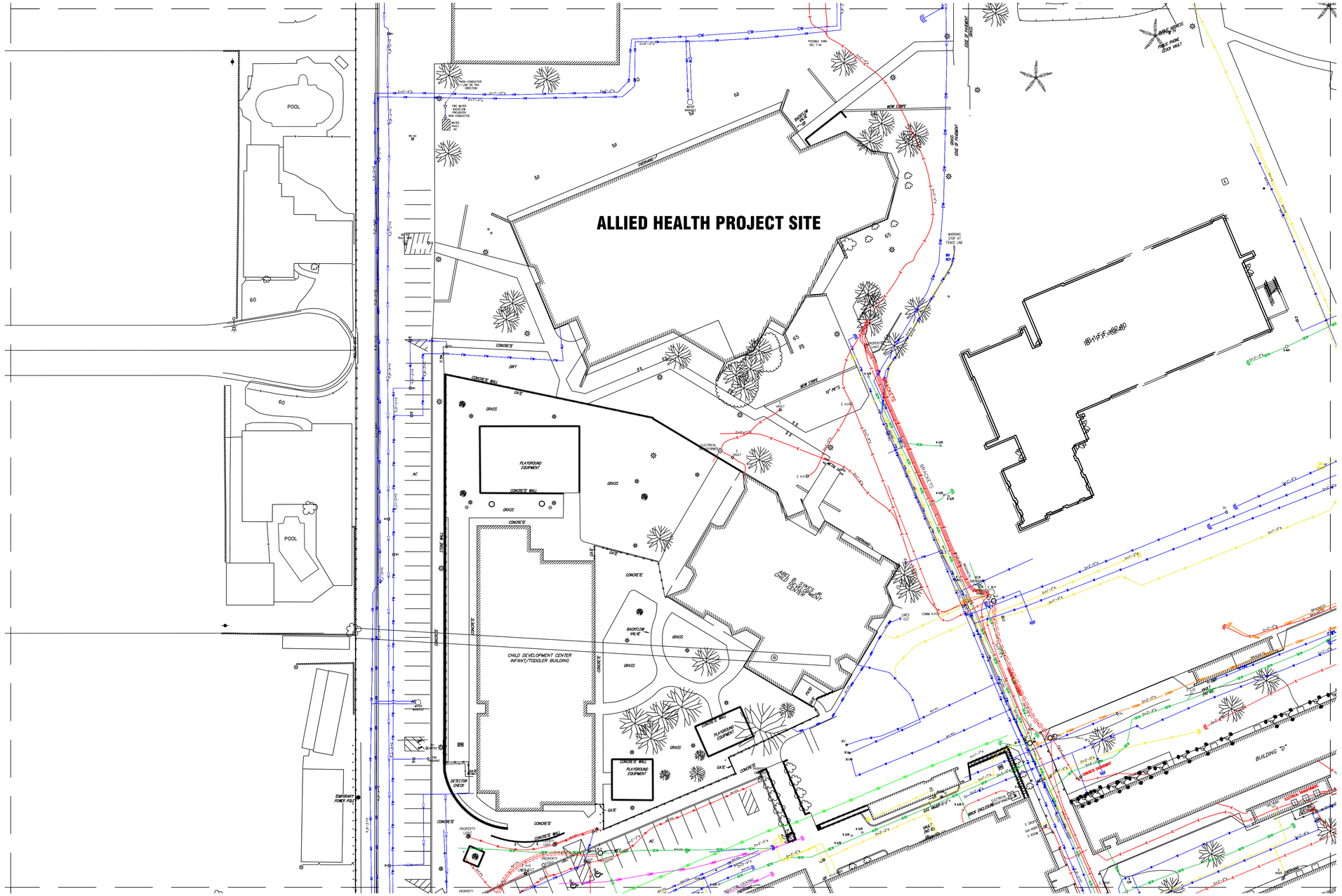
DRAWN BY: I.M

CHECKED BY: A.S

SHEET No:

SUM-4

PCM3 Received
Acknowledgment
03/03/2025



UTILITY LEGEND LAYERS

Linetype	Linetype Descriptions	Linetype	Linetype Descriptions	Linetype	Linetype Descriptions
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E	Electrical line / Conduit lines / Property lines	T	Telephone lines	HW	Hot water lines
SL	Street Light Electrical lines	CTVM	Cable TV Main line	IRM	Irrigation Main line
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	PARKING LOT LIGHTS / STREET LIGHTS
	PIPE TURNS UP / RISER / SPIGOT
	STORM-GRATE / STORM DRAIN
	CURB SIDE DRAIN
	FLOOR DRAIN
	ELECTRICAL PANEL / SERVICE BOX / COMMUNICATION PANEL
	TELEPHONE / BLUE CODE EMERGENCY PHONE
	GAS METER / WATER METER
	GAS VALVE / WATER VALVE / CONTROL VALVE
	ELECTRICAL TRANSFORMER OR PAD MOUNTED TRANSFORMER (E.P.M.T)
	ELECT. BOX / COM. BOX / VAULTS / PULL BOX / J-BOX / CONTROL BOX
	FIRE HYDRANT / POST INDICATOR VALVE
	FDC (FIRE DEPARTMENT CONNECTION)
	END OF SIGNAL
	BACKFLOW PREVENTER
	UTILITY LINE CUT
	CAPPED UTILITY LINE
	POTHOLE LOCATING

ABBREVIATION		ABBREVIATION	
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MTL	Metal	VCP	Vertrified Clay Pipe

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04-18-2022	Full Map up to date

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SHEET No:

SUM-5

PCM3 Received
Addendum #2
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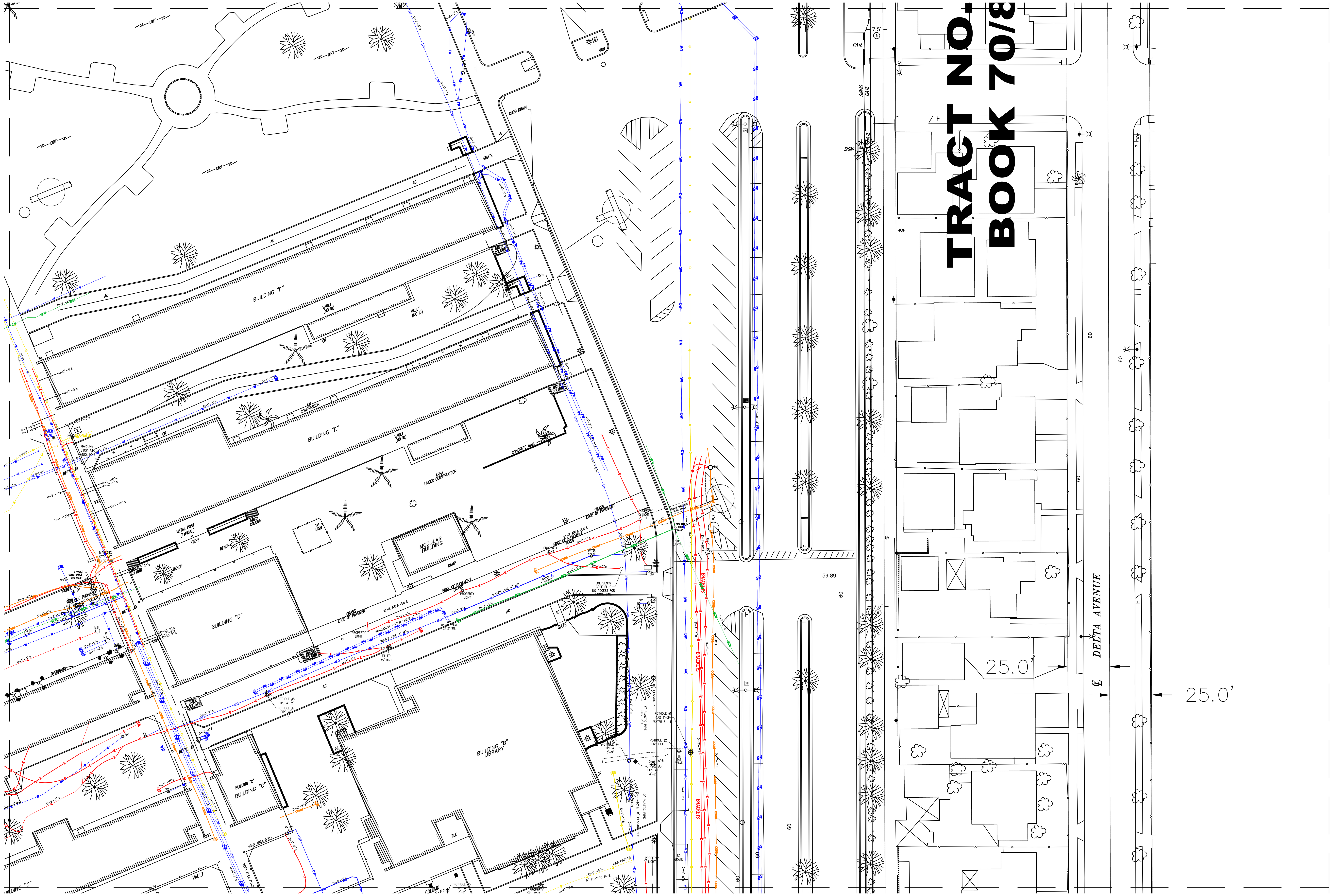

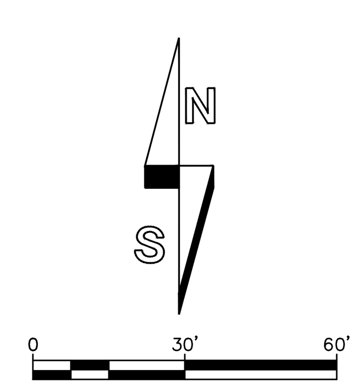

GRAPHIC SCALE 1" = 30'-0"

UTILITY LEGEND LAYERS

Linetype	Linetype Descriptions	Linetype	Linetype Descriptions	Linetype	Linetype Descriptions
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CM	Communication Main line	PA	Public Annoucements	RWM	Reclaimed Main line
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		STM	Steam lines	UNK	Unknown lines / Abandon lines
		WM	Water Main line		
		W	Water lines		

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SUBSURFACE UTILITY MAP

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SUBSURFACE UTILITY MAP SYMBOLS

Symbols	Description
○	MANHOLE
◎	GREASE INTERCEPTOR
⊡	HANDHOLE
⏀	SEWER / STORM DRAIN CLEAN OUT (C/O)
◎	COMMUNICATION DROP / GAS DROP / ELECTRICAL DROP / WATER DROP
☼	STANDARD & PROPERTY LIGHT / YARD-LIGHT STANDARDS
	UTILITY POLE / POWER POLE
	PARKING LOT LIGHTS / STREET LIGHTS
—○	PIPE TURNS UP / RISER / SPIGOT
	STORM-GRATE / STORM DRAIN
	CURB SIDE DRAIN
●	FLOOR DRAIN
⊠	ELECTRICAL PANEL / SERVICE BOX / COMMUNICATION PANEL
△	TELEPHONE / BLUE CODE EMERGENCY PHONE
⬡	GAS METER / WATER METER
⊠	GAS VALVE / WATER VALVE / CONTROL VALVE
⊞	ELECTRICAL TRANSFORMER OR PAD MOUNTED TRANSFORMER (E.P.M.T)
⧄	ELECT. BOX / COM. BOX / VAULTS / PULL BOX / J-BOX / CONTROL BOX
	FIRE HYDRANT / POST INDICATOR VALVE
	FDC (FIRE DEPARTMENT CONNECTION)
	END OF SIGNAL
	BACKFLOW PREVENTER
	UTILITY LINE CUT
⊥	CAPPED UTILITY LINE
⊕	POTHOLE LOCATING

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STL	Steel	T	Trench
CI	Cast Iron	ACP	Asbestos Cement Pipe
MTL	Metal	VCP	Vertrified Clay Pipe

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PROJECT ADDRESS

1111 E Artesia Blvd,
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DATE	REVISION
04-18-2022	Full Map up to date

DRAWN BY: I.M

CHECKED BY: A.S

SHEET No:

SUM-6

PCM3 Received
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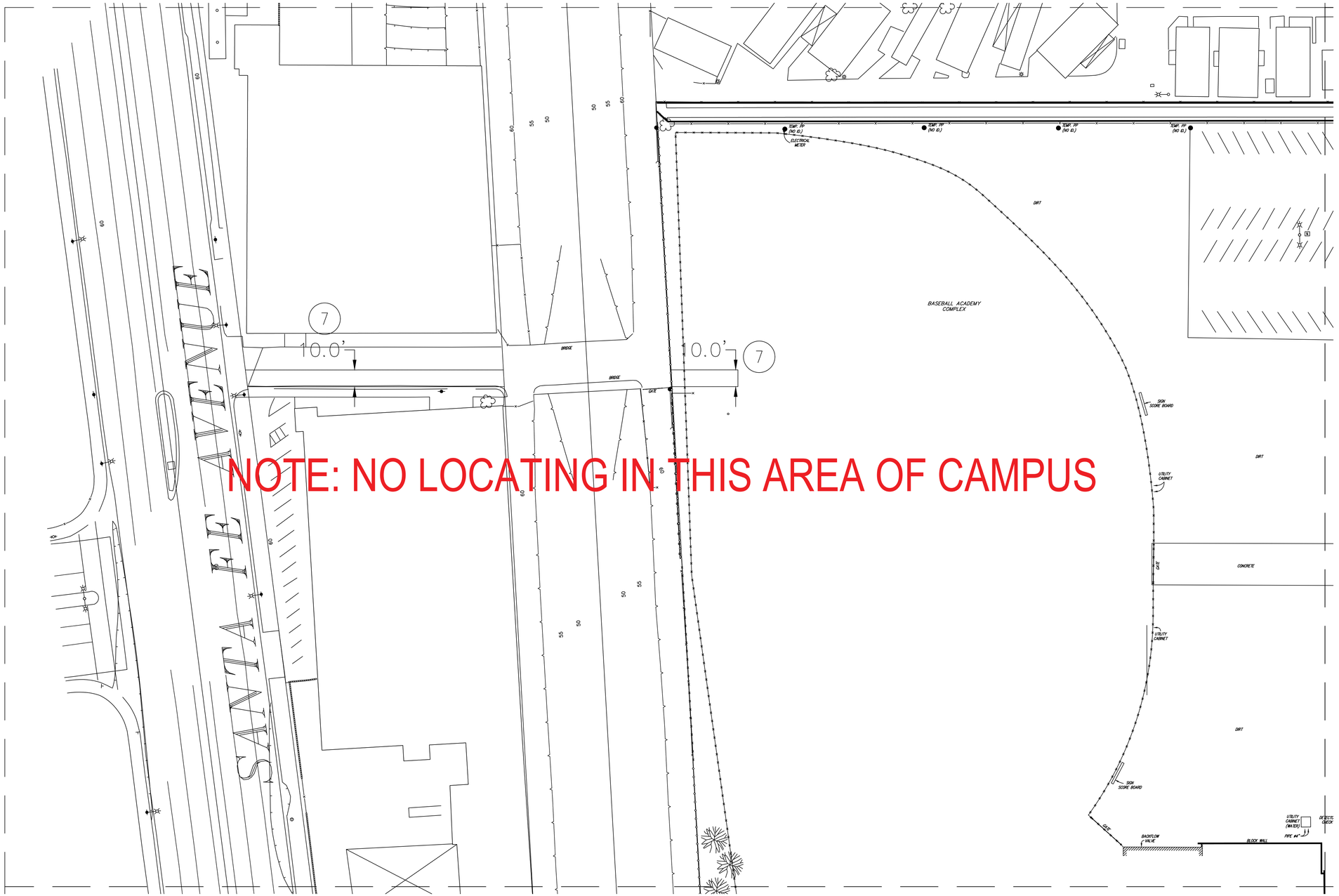

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	UTILITY POLE / POWER POLE
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	STORM-GRATE / STORM DRAIN
	CURB SIDE DRAIN
	FLOOR DRAIN
	ELECTRICAL PANEL / SERVICE BOX / COMMUNICATION PANEL
	TELEPHONE / BLUE CODE EMERGENCY PHONE
	GAS METER / WATER METER
	GAS VALVE / WATER VALVE / CONTROL VALVE
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	FDC (FIRE DEPARTMENT CONNECTION)
	END OF SIGNAL
	BACKFLOW PREVENTER
	UTILITY LINE CUT
	CAPPED UTILITY LINE
	POTHOLE LOCATING

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PROJECT ADDRESS

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DATE	REVISION
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DRAWN BY: I.M

CHECKED BY: A.S

SHEET No:

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PCM3 Received
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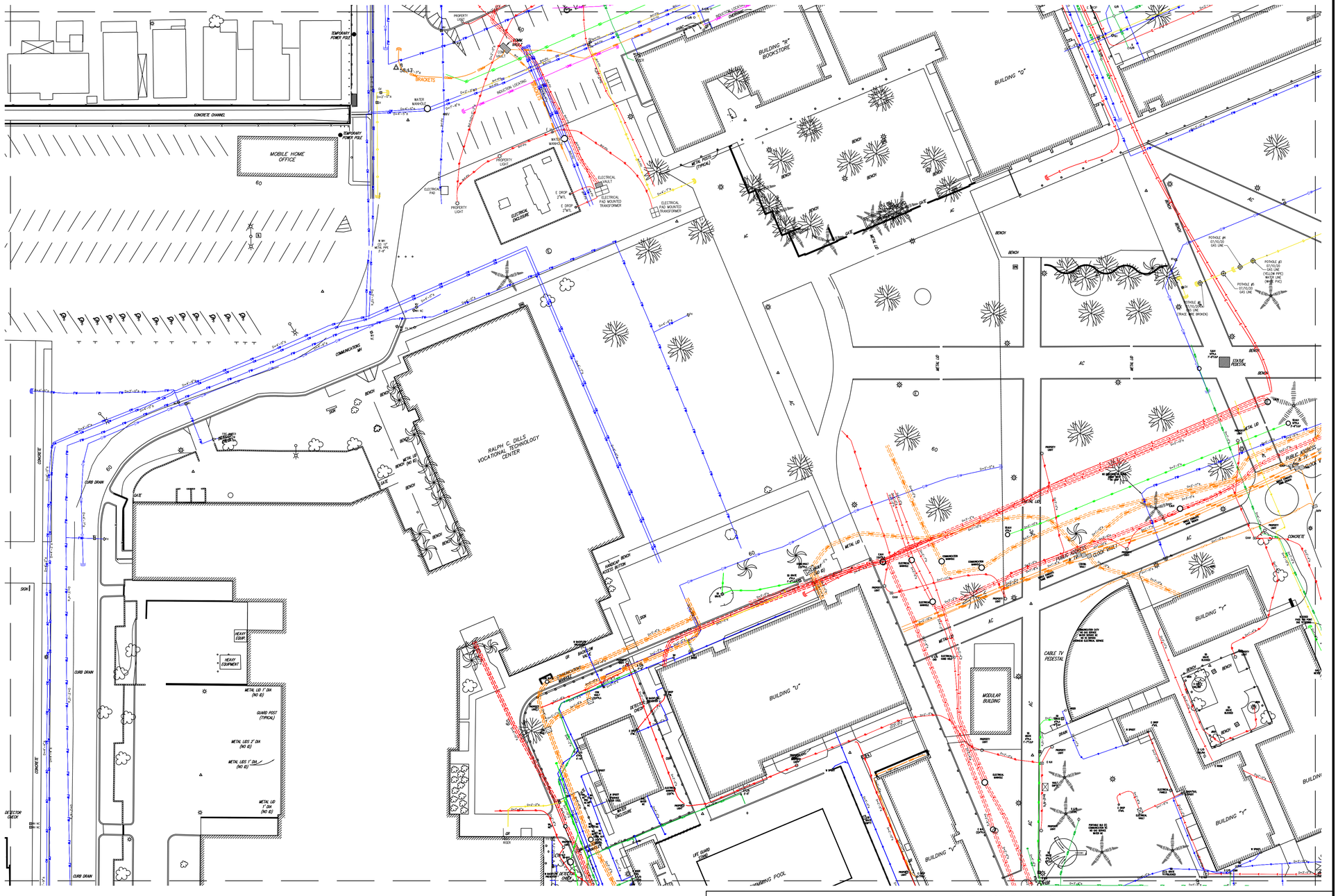

UTILITY LEGEND LAYERS

Linetype	Linetype Descriptions	Linetype	Linetype Descriptions	Linetype	Linetype Descriptions
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TS	Traffic Signal Electrical lines	CTV	Cable TV lines	IRR	Irrigation water lines
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	PARKING LOT LIGHTS / STREET LIGHTS
	PIPE TURNS UP / RISER / SPIGOT
	STORM-GRATE / STORM DRAIN
	CURB SIDE DRAIN
	FLOOR DRAIN
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	TELEPHONE / BLUE CODE EMERGENCY PHONE
	GAS METER / WATER METER
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PROJECT ADDRESS

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DATE	REVISION
04-18-2022	Full Map up to date

DRAWN BY: I.M

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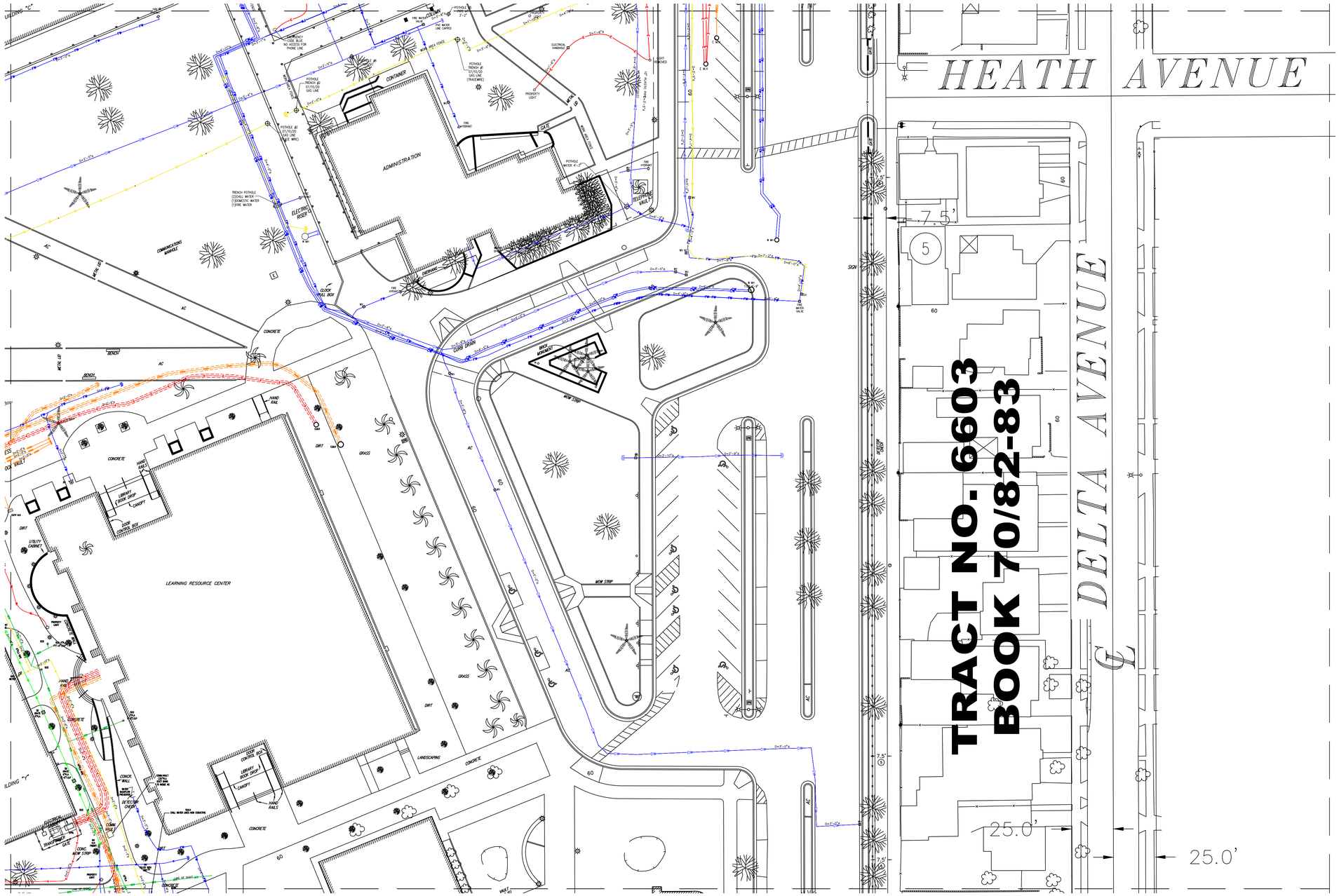
SHEET No:

SUM-8

PCM3 Received
Addendum #1
03/23/2022



N

S

0 30' 60'

GRAPHIC SCALE 1" = 30'-0"

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	ELECT. BOX / COM. BOX / VAULTS / PULL BOX / J-BOX / CONTROL BOX
	FIRE HYDRANT / POST INDICATOR VALVE
	FDC (FIRE DEPARTMENT CONNECTION)
	END OF SIGNAL
	BACKFLOW PREVENTER
	UTILITY LINE CUT
	CAPPED UTILITY LINE
	POTHOLE LOCATING

ABBREVIATION		ABBREVIATION	
Abrv	Description	Abrv	Description
CV	Communication Vault	MTY	Empty
EV	Electrical Vault	TW	Tracer Wire
NC	Nonconductive	BFP	Backflow Preveter
MH	Mandhole	N/A	Not Accessible
PB	Pull Box	UNK-I	Unknown Induction
CNO	Can not open	UNK-G	Unknown GPR
WV	Water Valve	CU	Copper
GV	Gas Valve	RC	Reclaim Water
DB	Direct Buried	PIV	Post Indicator Valve
PLA	Plastic (Conduit or Pipe)	JT	Joint Trench
STL	Steel	T	Trench
CI	Cast Iron	ACP	Asbestos Cement Pipe
MTL	Metal	VCP	Vertrified Clay Pipe

PREPARED FOR

PCM3

PROJECT ADDRESS

1111 E Artesia Blvd,
Compton, CA 90221

DATE	REVISION
04-18-2022	Full Map up to date

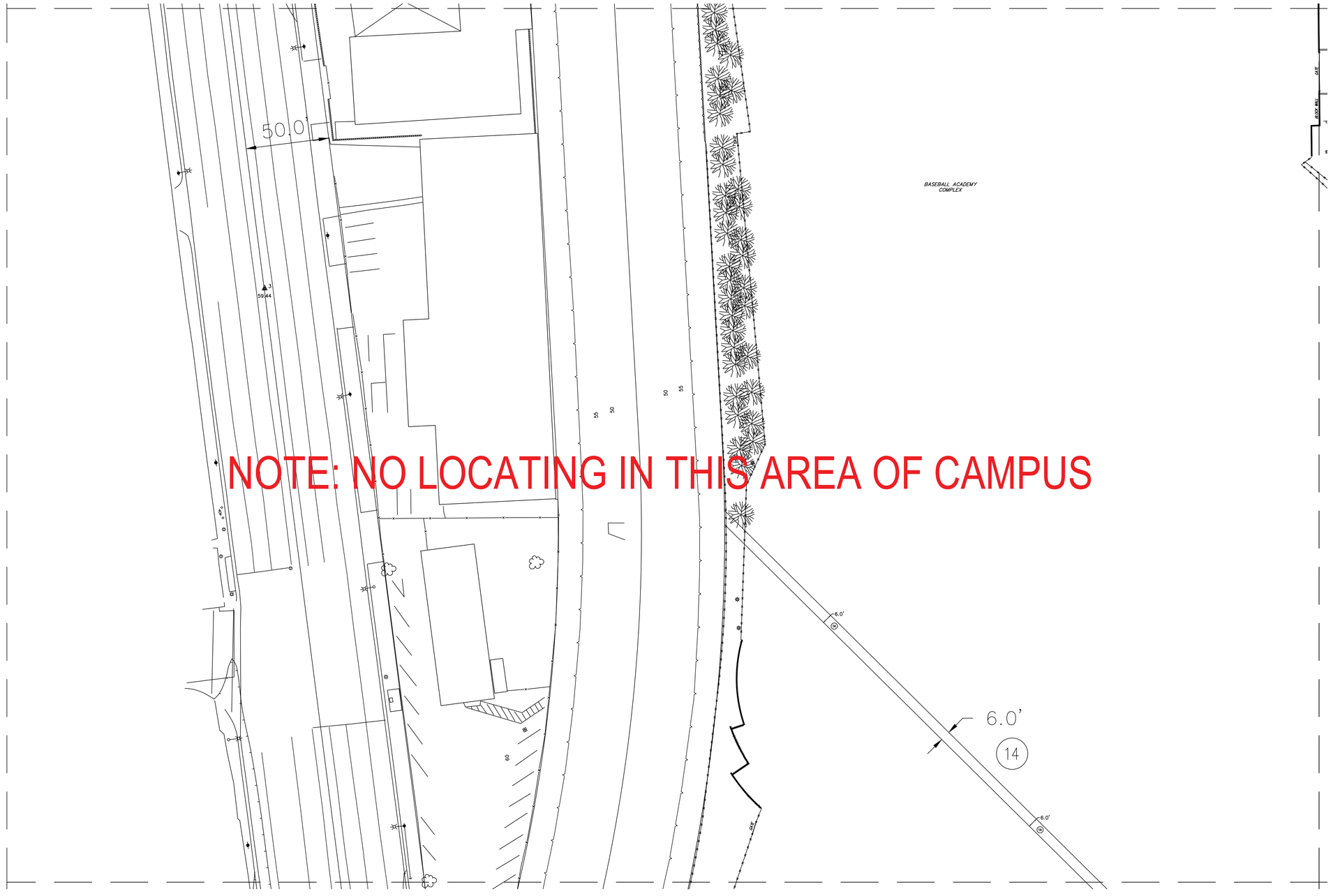
DRAWN BY: I.M

CHECKED BY: A.S

SHEET No:

SUM-9

PCM3 Received
Notification of Excavation



SUBSURFACE UTILITY MAP

1136 E. Valencia Dr, Fullerton, CA 92831
Toll free: 888.885.6228 Office: 714.521.5393 Cell: 714.296.9680
Email: arts@util-locate.com Web: www.util-locate.com

SUBSURFACE UTILITY MAP SYMBOLS

Symbols	Description
	MANHOLE
	GREASE INTERCEPTOR
	HANDHOLE
	SEWER / STORM DRAIN CLEAN OUT (C/O)
	COMMUNICATION DROP / GAS DROP / ELECTRICAL DROP / WATER DROP
	STANDARD & PROPERTY LIGHT / YARD-LIGHT STANDARDS
	UTILITY POLE / POWER POLE
	PARKING LOT LIGHTS / STREET LIGHTS
	PIPE TURNS UP / RISER / SPIGOT
	STORM-GRATE / STORM DRAIN
	CURB SIDE DRAIN
	FLOOR DRAIN
	ELECTRICAL PANEL / SERVICE BOX / COMMUNICATION PANEL
	TELEPHONE / BLUE CODE EMERGENCY PHONE
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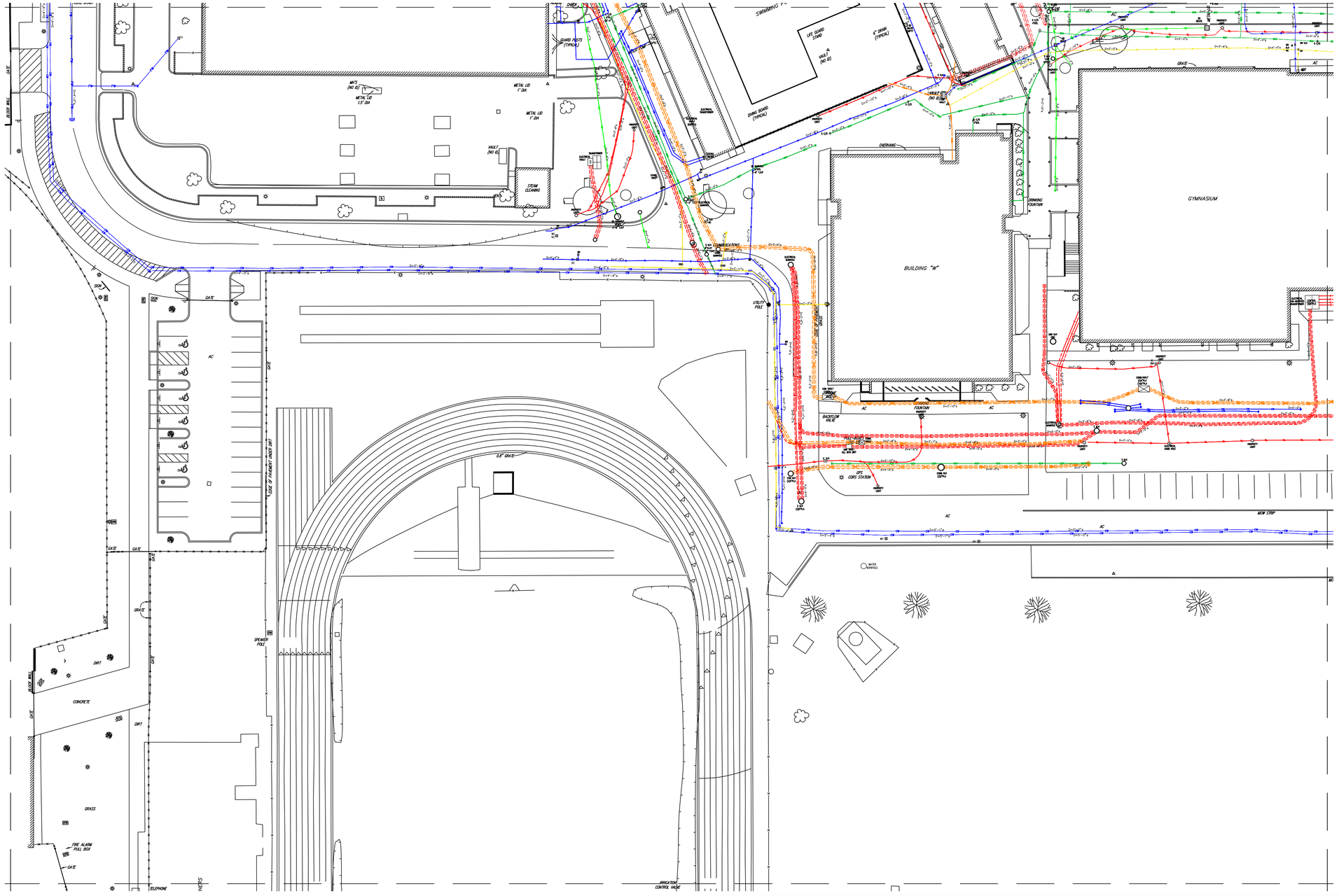
SUM-10

PCM3 Received
Addendum #2
03/03/2025



UTILITY LEGEND LAYERS

Linetype	Linetype Descriptions	Linetype	Linetype Descriptions	Linetype	Linetype Descriptions
EM	Electrical Main line	FO	Fiber Optic lines	FWM	Fire water Main line
	Electrical Duct Bank	FA	Fire Alarm lines	FW	Fire water lines
E	Electrical Brackets (multiple lines)	T	Telephone Main line	CW	Chill water lines
E	Electrical line / Conduit lines / Property lines	T	Telephone lines	HW	Hot water lines
SL	Street Light Electrical lines	CTVM	Cable TV Main line	IRM	Irrigation Main line
TS	Traffic Signal Electrical lines	CTV	Cable TV lines	IRR	Irrigation water lines
CM	Communication Main line	PA	Public Annoucements	RWM	Reclaimed Main line
	Communication Duct Bank	GM	Gas Main line	RW	Reclaimed water lines
COM	Communication Brackets (multiple lines)	G	Gas lines	SD	Storm Drainage
COM	Communication line / Conduit lines / Property lines	OIL	Oil lines	SEW	Sewer lines
		STM	Steam lines	UNK	Unknown lines / Abandon lines
		WM	Water Main line		
		W	Water lines		

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SUM-11

PCM3 Received
Addendum #2
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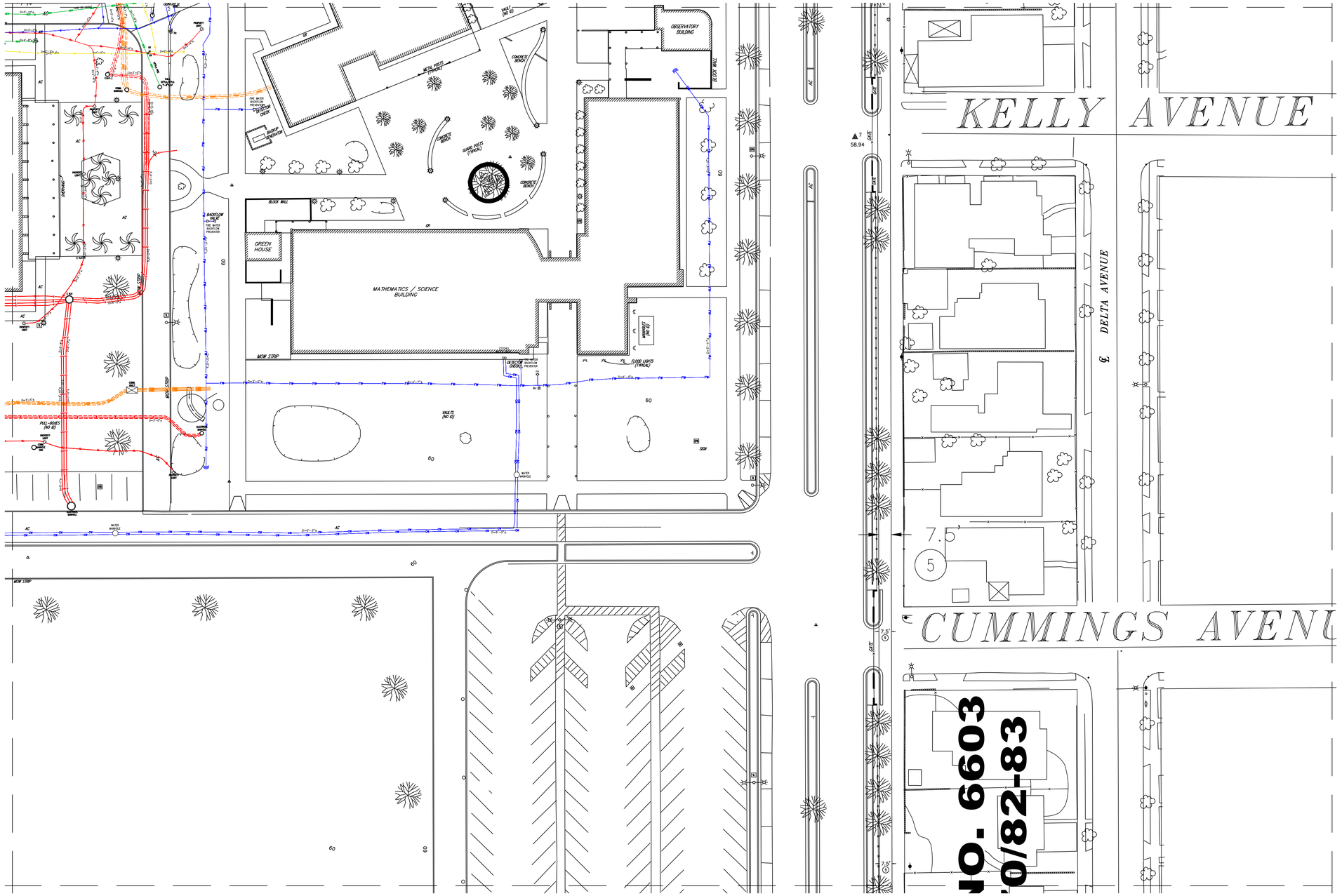

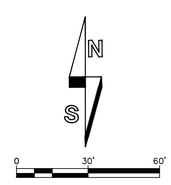

GRAPHIC SCALE 1" = 30'-0"

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PREPARED FOR

PCM3

PROJECT ADDRESS

1111 E Artesia Blvd,
Compton, CA 90221

DATE	REVISION
04-18-2022	Full Map up to date

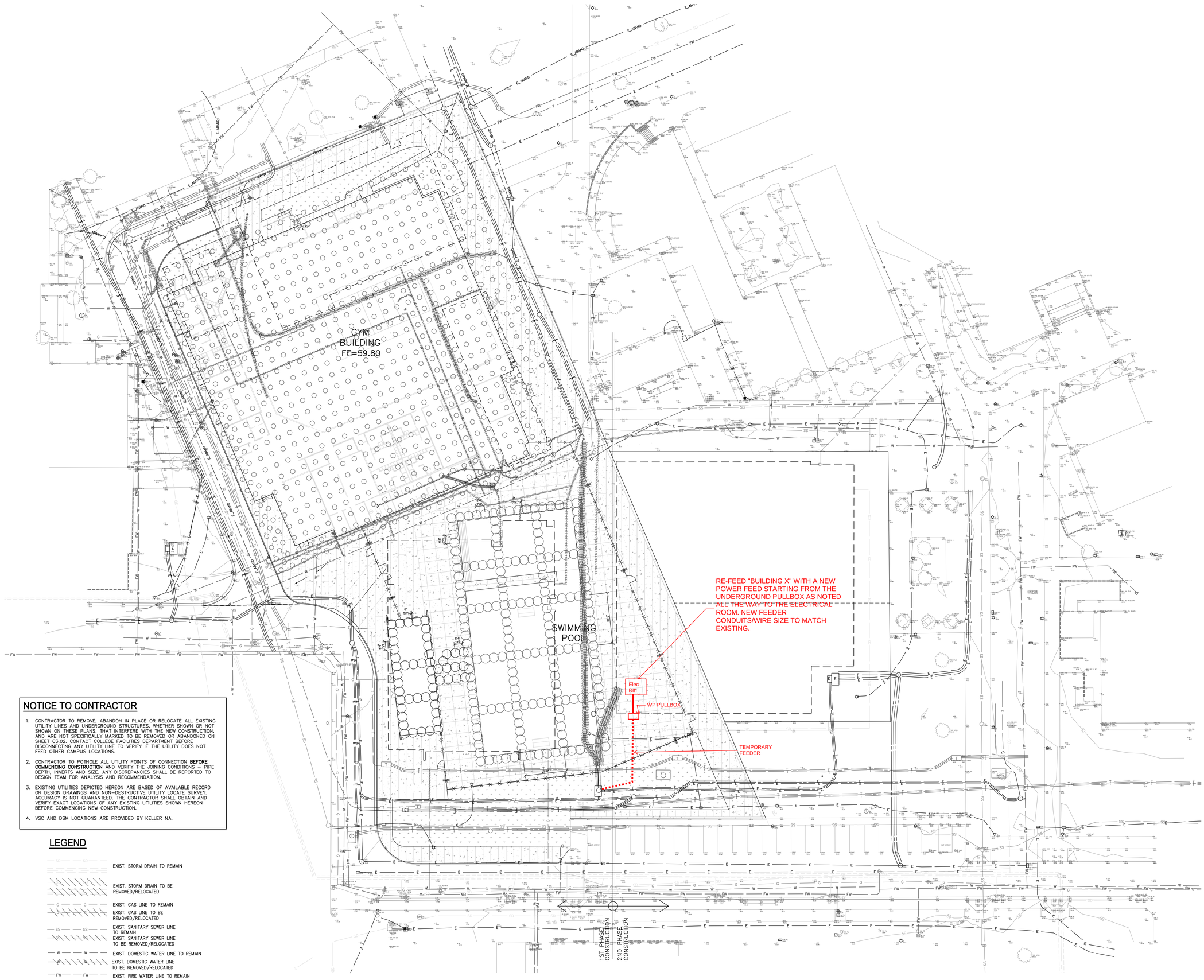
DRAWN BY: I.M

CHECKED BY: A.S

SHEET No:

SUM-12

PCM3 Received
Addendum #2
03/03/2025



NOTICE TO CONTRACTOR

1. CONTRACTOR TO REMOVE, ABANDON IN PLACE OR RELOCATE ALL EXISTING UTILITY LINES AND UNDERGROUND STRUCTURES, WHETHER SHOWN OR NOT SHOWN ON THESE PLANS, THAT INTERFERE WITH THE NEW CONSTRUCTION, AND ARE NOT SPECIFICALLY MARKED TO BE REMOVED OR ABANDONED ON SHEET C3.02. CONTACT COLLEGE FACILITIES DEPARTMENT BEFORE DISCONNECTING ANY UTILITY LINE TO VERIFY IF THE UTILITY DOES NOT FEED OTHER CAMPUS LOCATIONS.
2. CONTRACTOR TO POTHOLE ALL UTILITY POINTS OF CONNECTION **BEFORE COMMENCING CONSTRUCTION** AND VERIFY THE JOINING CONDITIONS – PIPE DEPTH, INVERTS AND SIZE. ANY DISCREPANCIES SHALL BE REPORTED TO DESIGN TEAM FOR ANALYSIS AND RECOMMENDATION.
3. EXISTING UTILITIES DEPICTED HEREON ARE BASED OF AVAILABLE RECORD OR DESIGN DRAWINGS AND NON–DESTRUCTIVE UTILITY LOCATE SURVEY. ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL OBTAIN AND VERIFY EXACT LOCATIONS OF ANY EXISTING UTILITIES SHOWN HEREON BEFORE COMMENCING NEW CONSTRUCTION.
4. VSC AND DSM LOCATIONS ARE PROVIDED BY KELLER NA.

LEGEND

- EXIST. STORM DRAIN TO REMAIN
- EXIST. STORM DRAIN TO BE REMOVED/RELOCATED
- EXIST. GAS LINE TO REMAIN
- EXIST. GAS LINE TO BE REMOVED/RELOCATED
- EXIST. SANITARY SEWER LINE TO REMAIN
- EXIST. SANITARY SEWER LINE TO BE REMOVED/RELOCATED
- EXIST. DOMESTIC WATER LINE TO REMAIN
- EXIST. DOMESTIC WATER LINE TO BE REMOVED/RELOCATED
- EXIST. FIRE WATER LINE TO REMAIN
- EXIST. FIRE WATER LINE TO BE REMOVED/RELOCATED
- EXIST. ELECTRICAL LINE – FOR REFERENCE ONLY. SEE ELECTRICAL PLANS FOR MORE INFORMATION REGARDING DEMO/PROTECTION
- EXIST. TELECOM LINE – FOR REFERENCE ONLY. SEE ELECTRICAL PLANS FOR MORE INFORMATION REGARDING DEMO/PROTECTION
- DSM 49'
- DSM 19'
- EXIST. BUILDING TO BE DEMOLISHED

TEMPORARY UTILITY TO BUILDING X

0' 10' 20' 40'
GRAPHIC SCALE : 1"=20'

NORTH

Struere
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 748-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

BUDLONG & ASSOCIATES, INC
M-E-P CONSULTING ENGINEERS
JOB NO:20-215
GLENDALE OFFICE
CAMARILLO OFFICE
DOWNTOWN LA OFFICE

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE PHYSICAL EDUCATION COMPLEX REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION

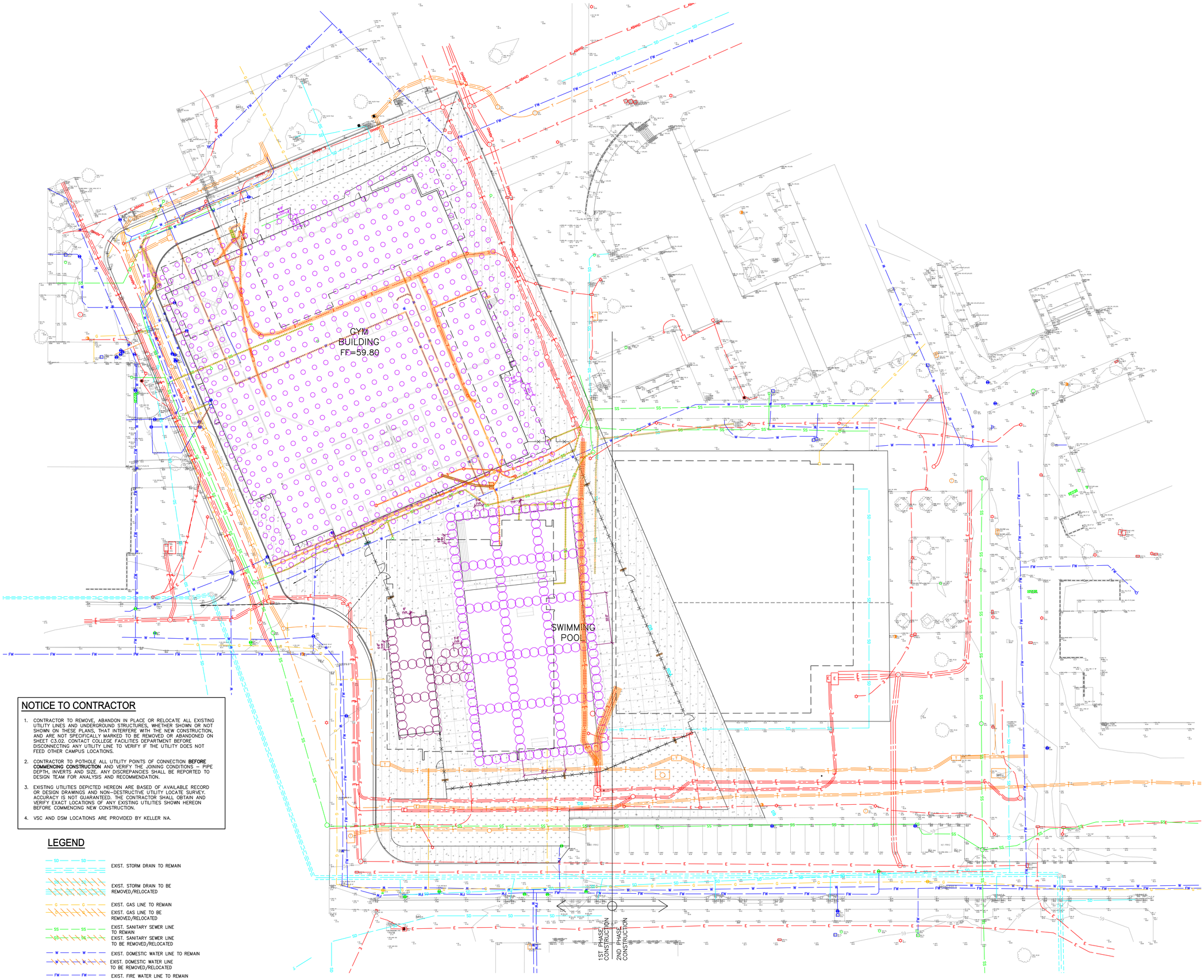
DSA SUBMITTAL	22.09.09
ADDENDUM 1	24.07.08

TEMPORAY UTILITY TO BUILDING X PLAN EXHIBIT

E-EXH 01

H:\C20-0066 – STRUERE – Compton College PE Complex\Administration\Research\VSC DSM Utility C-EXH 01 (color) 073124.dwg Plotted On Jul 29, 2024-8:09pm by jgeorge

PCM3 Received
Addendum #2
03/03/2025



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EST. 1946

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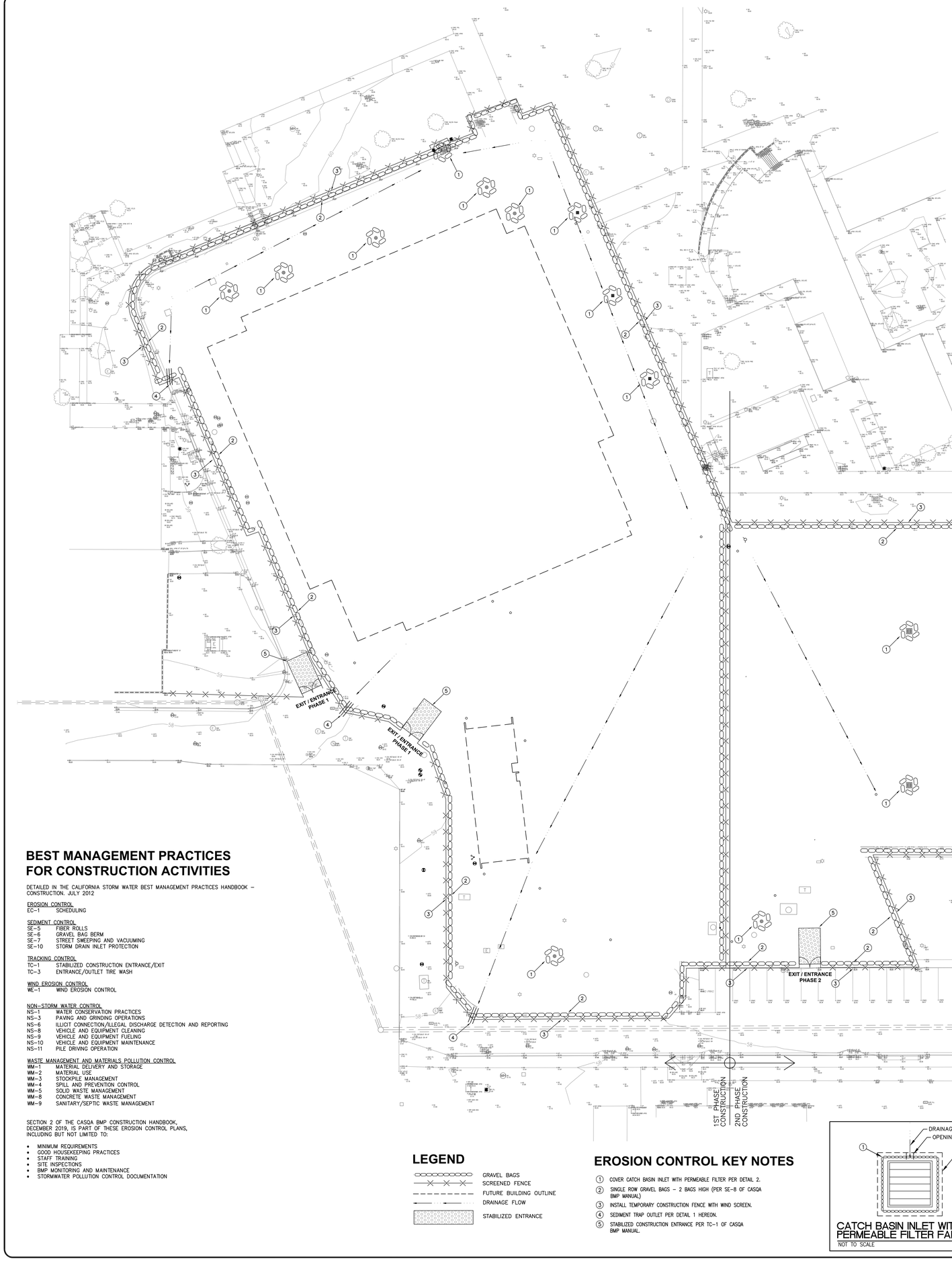


STORM WATER POLLUTION CONTROL

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. CAS004001 – 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.

TYPICAL DEMOLITION DEBRIS NOTES

1. EROSION CONTROL DEVICES SHOWN ON THE PLAN MAY BE REMOVED WHEN APPROVED BY THE BUILDING OFFICIAL IF THE DEMOLITION OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
2. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.
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.
4. THE PLACEMENT OF ADDITIONAL DEVICES TO CONTAIN POLLUTANTS WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE FIELD ENGINEER. ADDITIONAL DEVICES AS NEEDED SHALL BE INSTALLED TO RETAIN SEDIMENTS AND OTHER POLLUTANTS ON SITE.
5. 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 FIELD ENGINEER. PLANS REPRESENTING CHANGES MUST BE SUBMITTED FOR APPROVAL IS REQUESTED BY THE BUILDING OFFICIAL.
6. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORM WATER FROM THE PROJECT SITE AT ALL TIMES.
7. 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.
8. 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.
9. 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 NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
10. 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.

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES

DETAILED IN THE CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICES HANDBOOK – CONSTRUCTION. JULY 2012

EROSION CONTROL
EC-1 SCHEDULING

SEDIMENT CONTROL
SE-5 FIBER ROLLS
SE-6 GRAVEL BAG BERM
SE-7 STREET SWEEPING AND VACUUMING
SE-10 STORM DRAIN INLET PROTECTION

TRACKING CONTROL
TC-1 STABILIZED CONSTRUCTION ENTRANCE/EXIT
TC-3 ENTRANCE/OUTLET TIRE WASH

WIND EROSION CONTROL
WE-1 WIND EROSION CONTROL

NON-STORM WATER CONTROL
NS-1 WATER CONSERVATION PRACTICES
NS-3 PAVING AND GRINDING OPERATIONS
NS-6 ILLICIT CONNECTION/ILLEGAL DISCHARGE DETECTION AND REPORTING
NS-8 VEHICLE AND EQUIPMENT CLEANING
NS-9 VEHICLE AND EQUIPMENT FUELING
NS-10 VEHICLE AND EQUIPMENT MAINTENANCE
NS-11 PILE DRIVING OPERATION

WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL
WM-1 MATERIAL DELIVERY AND STORAGE
WM-2 MATERIAL USE
WM-3 STOCKPILE MANAGEMENT
WM-4 SPILL AND PREVENTION CONTROL
WM-5 SOLID WASTE MANAGEMENT
WM-8 CONCRETE WASTE MANAGEMENT
WM-9 SANITARY/SEPTIC WASTE MANAGEMENT

SECTION 2 OF THE CASQA BMP CONSTRUCTION HANDBOOK, DECEMBER 2019, IS PART OF THESE EROSION CONTROL PLANS, INCLUDING BUT NOT LIMITED TO:

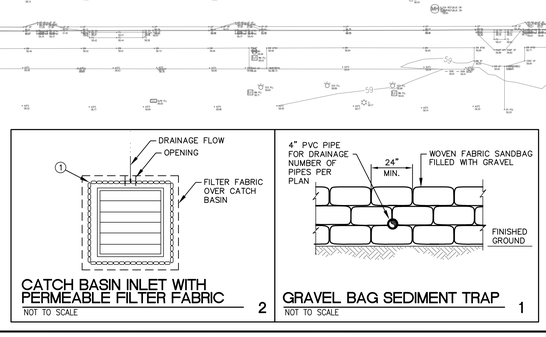
- MINIMUM REQUIREMENTS
- GOOD HOUSEKEEPING PRACTICES
- STAFF TRAINING
- SITE INSPECTIONS
- BMP MONITORING AND MAINTENANCE
- STORMWATER POLLUTION CONTROL DOCUMENTATION

LEGEND

- GRAVEL BAGS
- SCREENED FENCE
- FUTURE BUILDING OUTLINE
- DRAINAGE FLOW
- STABILIZED ENTRANCE

EROSION CONTROL KEY NOTES

1. COVER CATCH BASIN INLET WITH PERMEABLE FILTER PER DETAIL 2.
2. SINGLE ROW GRAVEL BAGS – 2 BAGS HIGH (PER SE-8 OF CASQA BMP MANUAL)
3. INSTALL TEMPORARY CONSTRUCTION FENCE WITH WIND SCREEN.
4. SEDIMENT TRAP OUTLET PER DETAIL 1 HEREON.
5. STABILIZED CONSTRUCTION ENTRANCE PER TC-1 OF CASQA BMP MANUAL.



CATCH BASIN INLET WITH PERMEABLE FILTER FABRIC 2
NOT TO SCALE

GRAVEL BAG SEDIMENT TRAP 1
NOT TO SCALE

EROSION CONTROL PLAN

NORTH

0' 10' 20' 40'
GRAPHIC SCALE : 1"=20'

STRUERE
ADVANCED ARCHITECTURE
3324 GRAND VIEW
LOS ANGELES, CALIFORNIA 90066
TELEPHONE (310) 749-7649
E-MAIL HRAZTAN@STRUERE.COM
WWW.STRUERE.COM

BRANDOW & JOHNSTON
STRUCTURAL+CIVIL ENGINEERS (BAJ HBK, INC.)
700 S FLOWER ST #1200, LOS ANGELES, CA 90017
T: (213) 596-4500
WWW.BJOCE.COM
EST. 1946

REGISTERED PROFESSIONAL ENGINEER
EDWARD S. WU
No.C80534
CIVIL
STATE OF CALIFORNIA
FOR BRANDOW & JOHNSTON
SIGNED ON: 09/08/2022

Compton College

COMPTON COMMUNITY COLLEGE DISTRICT

COMPTON COLLEGE PHYSICAL EDUCATION COMPLEX REPLACEMENT

1111 EAST ARTESIA BLVD, COMPTON, CA 90221-5393

ISSUE DESCRIPTION	
DSA SUBMITTAL	22.09.09
ADDENDUM 1	24.07.08

SWPPP PHASING EXHIBIT

C-EXH 02

H:\C20-0066 - STRUERE - Compton College PE Complex\Engineering\Drawings\SWPPP Phasing Exhibit.dwg Plotted On Aug 05, 2024 - 11:33am by jgeorge

PCM3 Received
Addendum #2
03/03/2025

COMPTON COMMUNITY COLLEGE DISTRICT
RESOLUTION NO. 06-27-2022F

AUTHORIZATION TO CONTRACT WITH STANLEY CONVERGENT SECURITY SOLUTIONS, INC FOR BUILDING SECURITY PRODUCTS AND SERVICES

DESIGNATION OF STANLEY CONVERGENT SECURITY SOLUTIONS, INC EQUIPMENT AS DISTRICT STANDARD BUILDING SECURITY PRODUCTS

WHEREAS, existing buildings on the Compton College campus are equipped with building security equipment and systems including building security alarms, surveillance cameras, motion detection devices and electronic door access ("Building Security Systems").

WHEREAS, continuous operation of the Building Security Systems is necessary, critical and essential for safety of persons and property.

WHEREAS, continuous operation of the Building Security Systems requires periodic maintenance, repairs, modifications, replacements, upgrades and other similar actions (collectively "Building Security Systems Services").

WHEREAS, the timely completion of Building Security Systems Services is necessary for maintaining public safety in Compton College buildings.

WHEREAS, in order to provide for centralized management and monitoring, all Building Security Systems in existing buildings and other improvements on the Compton College campus are manufactured by Stanley Convergent Security Solutions, Inc.

WHEREAS, the materials, products and equipment forming a part of the Building Security Systems are proprietary products of Stanley Convergent Security Solutions, Inc; in order to ensure that Building Security Systems Services are completed by technicians with specific knowledge and skills, Building Security Systems Services can be completed only by the Stanley Convergent Security Solutions, Inc.

WHEREAS, applicable law generally requires the District to engage in a competitive process to procure services such as the Building Security Systems Services.

WHEREAS, California courts recognize a legal exception to the competitive procurement process when a public agency determines that competitive selection would be futile, unavailing, undesirable, impractical, impossible, or would cause additional delay or costs. (*Meakin v. Steveland* (1977) 68 Cal.App.3d 490; *Los Angeles Dredging v. Long Beach* (1930) 210 Cal. 348);

WHEREAS, the District would realize no benefit from a competitive selection process to procure Building Security Systems Services insofar as Stanley Convergent Security Solutions, Inc has the sole authority to perform Building Security Systems Services.

PCM3 Received
Addendum #2
03/03/2025

WHEREAS, Public Contract Code §3400(c) authorizes the District to designate a particular product, material or service by specific brand or trade name in specifications for the District's public works projects if the designation is for purposes of matching other products in use in other District facilities.

WHEREAS, designating Stanley Convergent Security Solutions, Inc products as the District standard Building Security Systems products in facilities and other improvements to be constructed on the Compton College campus will match the existing Building Security Systems currently in use in other facilities and improvements on the Compton College campus and is essential for safety and security of persons and property.

NOW, THEREFORE, the Governing Board of the District hereby finds, determines, resolve as follows:

RESOLVED, the foregoing recitals and determinations are true, correct and incorporated herein by this reference.

FURTHER RESOLVED, that a competitive selection process for Building Security Systems Services would be undesirable, impractical and may impair public safety.

FURTHER RESOLVED, that it would cause an incongruity and not produce any advantage for the District to competitively procure Building Security Systems Services.

FURTHER RESOLVED, that pursuant to Education Code §81655, the Board delegates to the District's Vice-President, Administrative Services the authority to contract with Stanley Convergent Security Solutions, Inc to provide the Building Security Systems Services as and when deemed necessary by District staff.

FURTHER RESOLVED, in accordance with the then current District Board Policies/Administrative Regulations, the District's Vice-President, Administrative Services shall present to the Board, for approval or ratification, any contract with Stanley Convergent Security Solutions, Inc entered into pursuant to these Resolutions.

FURTHER RESOLVED, in accordance with Education Code §81655, any contract entered by the District's Vice-President, Administrative Services with Stanley Convergent Security Solutions, Inc shall not be binding or enforceable against the District until the Board has approved or ratified such contract.

FURTHER RESOLVED, Stanley Convergent Security Solutions, Inc Building Security Systems products, materials, equipment and services are designated as the District standard Building Security Systems products pursuant to Public Contract Code §3400(c).

FURTHER RESOLVED, that these Resolutions shall be effective as of the date of its adoption.

PCM3 Received
Addendum #2
03/03/2025

APPROVED AND ADOPTED by the Board of Trustees of the Compton Community College District of Los Angeles County, State of California, this 27th day of June 2022.

_____
Sonia Lopez, President
Compton Community College District
Board of Trustees

I, Keith Curry, Secretary of the Board of Trustees of the Compton Community College District, do hereby certify that the foregoing Resolution was adopted by the Board of Trustees of said District at a meeting of said Board held on the 27th day of June 2022, and that it was so adopted by the following vote:

AYES: _____

NOES: _____

ABSTAIN: _____

ABSENT: _____

Date: _____

_____
Keith Curry, Ed.D.
Secretary to the Board of Trustees
Compton Community College District

PCM3 Received
Addendum #2
03/03/2025

COMPTON COMMUNITY COLLEGE DISTRICT
RESOLUTION NO. 06-27-2022J

AUTHORIZATION TO CONTRACT WITH JOHNSON CONTROLS FIRE PROTECTION LP FOR FIRE ALARM PRODUCTS AND SERVICES

DESIGNATION OF JOHNSON CONTROLS FIRE PROTECTION LP EQUIPMENT AS DISTRICT STANDARD FIRE ALARM PRODUCTS

WHEREAS, all existing buildings on the Compton College campus are equipped with fire alarm equipment and systems ("Fire Alarms").

WHEREAS, continuous operation of the Fire Alarms is necessary, critical and essential for fire/life-safety protection to prevent injury to persons or damage to property.

WHEREAS, continuous operation of the Fire Alarms requires periodic maintenance, repairs, modifications, replacements, upgrades and other similar actions (collectively "Fire Alarm Services").

WHEREAS, the timely completion of Fire Alarm Services is necessary for maintaining public safety in Compton College buildings.

WHEREAS, in order to provide for centralized management and monitoring, all Fire Alarms in existing buildings and other improvements on the Compton College campus are manufactured by Johnson Controls Fire Protection LP ("Johnson Controls Fire Protection LP").

WHEREAS, the materials, products and equipment forming a part of the Fire Alarms are proprietary products of Johnson Controls Fire Protection LP; in order to ensure that Fire Alarm Services are completed by technicians with specific knowledge and skills, Fire Alarm Services can be completed only by the Johnson Controls Fire Protection LP.

WHEREAS, applicable law generally requires the District to engage in a competitive process to procure services such as the Fire Alarm Services.

WHEREAS, California courts recognize a legal exception to the competitive procurement process when a public agency determines that competitive selection would be futile, unavailing, undesirable, impractical, impossible, or would cause additional delay or costs. (*Meakin v. Steveland* (1977) 68 Cal.App.3d 490; *Los Angeles Dredging v. Long Beach* (1930) 210 Cal. 348);

WHEREAS, the District would realize no benefit from a competitive selection process for to procure Fire Alarm Services insofar as Johnson Controls Fire Protection LP has the sole authority to Fire Alarm Services.

WHEREAS, Public Contract Code §3400(c) authorizes the District to designate a particular product, material or service by specific brand or trade name in specifications for the District's

public works projects if the designation is for purposes of matching other products in use in other District facilities.

WHEREAS, designating Johnson Controls Fire Protection LP products as the District standard Fire Alarm products in facilities and other improvements to be constructed on the Compton College campus will match the existing Fire Alarms currently in use in other facilities and improvements on the Compton College campus and is essential for fire detection and prevention.

NOW, THEREFORE, the Governing Board of the District hereby finds, determines, resolve as follows:

RESOLVED, the foregoing recitals and determinations are true, correct and incorporated herein by this reference.

FURTHER RESOLVED, that a competitive selection process for Fire Alarm Services would be undesirable, impractical and may impair public safety.

FURTHER RESOLVED, that it would cause an incongruity and not produce any advantage for the District to competitively procure Fire Alarm Services.

FURTHER RESOLVED, that pursuant to Education Code §81655, the Board delegates to the District's Vice-President, Administrative Services the authority to contract with Johnson Controls Fire Protection LP to provide the Fire Alarm Services as and when deemed necessary by District staff.

FURTHER RESOLVED, in accordance with the then current District Board Policies/Administrative Regulations, the District's Vice-President, Administrative Services shall present to the Board, for approval or ratification, any contract with Johnson Controls Fire Protection LP entered into pursuant to these Resolutions.

FURTHER RESOLVED, in accordance with Education Code §81655, any contract entered by the District's Vice-President, Administrative Services with Johnson Controls Fire Protection LP shall not be binding or enforceable against the District until the Board has approved or ratified such contract.

FURTHER RESOLVED, Johnson Controls Fire Protection LP Fire Alarm products, materials, equipment and services are designated as the District standard Fire Alarm products pursuant to Public Contract Code §3400(c).

FURTHER RESOLVED, that these Resolutions shall be effective as of the date of its adoption.

APPROVED AND ADOPTED by the Board of Trustees of the Compton Community College District of Los Angeles County, State of California, this 27th day of June 2022.

Sonia Lopez (Jun 28, 2022 20:17 PDT)

Sonia Lopez, President
Compton Community College District
Board of Trustees

I, Keith Curry, Secretary of the Board of Trustees of the Compton Community College District, do hereby certify that the foregoing Resolution was adopted by the Board of Trustees of said District at a meeting of said Board held on the 27th day of June 2022, and that it was so adopted by the following vote:

AYES: 5

NOES: 0

ABSTAIN: 0

ABSENT: 0

Date: Jun 29, 2022

Keith Curry, Ed.D.
Secretary to the Board of Trustees
Compton Community College District