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September 30, 2025

To Prospective Bidders:

SANTEE COMMUNITY CENTER
CIP 2018-31

ADDENDUM NO. 1

This Addendum No. 1 (132 pages in total) forms an essential part of the contract documents by revising the following:

1A CONTRACT DOCUMENTS

1A-1 00100 – Notice Inviting Bids

The COVID-19 requirements were inadvertently included in the contract documents.

Remove the fifth paragraph 'Special Notice about COVID-19' in its entirety.

1A-2 00750 – Special Conditions
16. COVID-19 SAFETY MEASURES

The COVID-19 requirements were inadvertently included in the contract documents.

Delete this item in its entirety.

1A-3 00200 – Instructions to Bidders

3. Interpretation of Contract Documents
Add the following sentence to the end of the first paragraph of the section:

Requests for interpretation of the Contract Documents shall be submitted no later than 5:00 PM on October 15, 2025.

1A-4 00200 – Instructions to Bidders

3. Interpretation of Contract Documents
Remove and replace the first sentence in the second paragraph with the following:

Any and all such interpretation of the Contract Documents and any supplemental instructions will be made only by written addenda, which if issued, will be emailed to all registered bidders and posted on the City's website at www.cityofsanteeca.gov.

1A-5 00200 – Instructions to Bidders

29. Self Performance
Remove the entire paragraph and replace with the following:

The Contractor shall self-perform with its own organization Contract work amounting to at least **Fifteen Percent (15%)** of the Total Bid. For purposes of evaluating the percentage of work performed by Subcontractors, the cost of all equipment, supplies and materials used or installed on the project by Subcontractors shall be considered as part of the work of the Subcontractors. Project management, jobsite supervision, bonding, insurance and other required overhead and oversight may be included in self-performance calculation by the Contractor.

1A-6 00500 – Contract
Revise Article 2. to clarify the time for completion is **380 working days**, not calendar days:

ARTICLE 2.
TIME FOR COMPLETION Time is of the essence in the performance of the Work. The Work shall be commenced on the date stated in the City's Notice to Proceed. The Contractor shall complete all Work required by the Contract Documents within **380 working days** from the commencement date stated in the Notice to Proceed, hereinafter the Contract Time. By its signature hereunder, Contractor agrees the Contract Time for completion set forth above is adequate and reasonable to complete the Work.

1A-7 00750 – Special Conditions
Revise the First sentence of Item 18. Fixtures, Furnishings and Equipment (FF&E) to reference Attachment I, rather than Attachment X. There is not an Attachment X for this specification:

The Contractor shall furnish and install all fixtures, furnishings and equipment (FF&E) as shown on the FF&E list attached as Attachment I.

1B SPECIFICATIONS

The following items are changes to the Specifications:

1B-1 Specification Section **08 71 00 - DOOR HARDWARE**

a. Section issued in its entirety.

1B-2 Specification Section **11 40 00 – FOOD SERVICE EQUIPMENT**

b. Section re-issued in its entirety to revise Section 2.03 A Basis of Design.

1B-3 Specification Section **14 24 00 - HYDRAULIC ELEVATORS**

c. Section issued in its entirety.

1C DRAWINGS/EXHIBITS

The following items are changes to the Drawings/Exhibits:

1C-1 Drawing Sheet **L2.00, L2.01, L2.02, L2.10, L2.11, L2.12, L2.13, L2.51, L2.52, L2.53, L2.54, L3.00, L3.10, L3.11, L3.51, L3.52**

a. Sheets revised in response to DEHQ Recycled Water Plan Check Comments.

1C-2 Drawing Sheet **A2.11A - 1ST FLOOR - SEGMENT A - FLOOR PLAN**

a. Added tag for window frame 104
b. Added tags for window frames 122A & 122B.

1C-3 Drawing Sheet **A9.11 – DOOR SCHEDULE**

a. Revised door hardware set callouts.
b. Removed 45 minute rating from 101A, 101B, and 200B.
c. Removed 45 minute rating from doors 100A, 100B, 100C, & 100
d. Revised detail callouts for various doors to reflect Hollow Metal details.

1C-4 Drawing Sheet **A9.21 – WINDOW CONFIGURATIONS**

a. Added configurations for 101D & E, 122A, & 122B.
b. Clarified sun shade callouts on configuration 113.

1C-5 Drawing Sheet **A9.22 – FINISH SCHEDULE**

a. Revised color of ST-1 to Barnwood Blue Tailored Ledge Stone.

1C-6 Drawing Sheet **S0.14 TYPICAL CONCRETE DETAILS**

a. Added elevator pit detail 7.

1C-7 Drawing Sheet **S0.22 TYPICAL MASONRY DETAILS**

a. Revised detail 2 to clarify rebar.

1C-8 Drawing Sheet **S0.31 TYPICAL STEEL DETAILS**

a. Revised detail 6 anchor bolt schedule.

1C-9 Drawing Sheet **S0.32 TYPICAL STEEL DETAILS**
- a. Removed detail 2.
- b. Added notes to detail 4.
- c. Added base plate detail 5.

1C-10 Drawing Sheet **S0.33 TYPICAL STEEL DETAILS**
- a. Revised detail 2.

1C-11 Drawing Sheet **S0.34 TYPICAL STEEL DETAILS**
- a. Revised detail 1.

1C-12 Drawing Sheet **S0.42 TYPICAL METAL DECK AND STEEL DETAILS**
- a. Revised detail 5.

1C-13 Drawing Sheet **S0.51 TYPICAL METAL STUD DETAILS**
- a. Revised detail 3 references for clarification.

1C-14 Drawing Sheet **S0.52 TYPICAL METAL STUD DETAILS**
- a. Added missing detail reference to detail 4.
- b. Revised detail 6.

1C-15 Drawing Sheet **S0.72 TYPICAL WOOD DETAILS**
- a. Revised detail 4B.

1C-16 Drawing Sheet **S0.73 TYPICAL WOOD DETAILS**
- a. Revised detail 2, 3, and 12.

1C-17 Drawing Sheet **S0.76 TYPICAL WOOD DETAILS**
- a. Revised detail 10 to clarify blocking.

1C-18 Drawing Sheet **S0.77 TYPICAL WOOD DETAILS**
- a. Revised detail 8 for clarity.
- b. Added new wood ceiling joist detail.

1C-19 Drawing Sheet **S0.91 MISCELLANEOUS DETAILS**
- a. Revised detail 4.

1C-20 Drawing Sheet **S0.92 MISCELLANEOUS DETAILS**
- a. Revised detail 3.
- b. Added new exterior deck detail 4 & 5.

1C-21 Drawing Sheet **S0.93 MISCELLANEOUS DETAILS**
- a. Revised detail 3 for clarity.

1C-22 Drawing Sheet **S1.01 3D ISOMETRIC VIEWS**
- a. Removed PV supports.

1C-23 Drawing Sheet **S2.11A FOUNDATION PLAN -SEGMENT A**

a. Revised wood stud grade at first floor.
b. Revised foundation at elevator pit.
c. Revised columns along grid 6.
d. Revised lobby stair column along grid AD.9.
e. Added notes for partial height wall supports.
f. Revised detail reference for elevator pit.
g. Revised tie beam.

1C-24 Drawing Sheet **S2.11B FOUNDATION PLAN -SEGMENT B**

a. Revised wood posts and stud grades at first floor.

1C-25 Drawing Sheet **S2.21A S2.21A 2ND FLOOR FRAMING PLAN -SEGMENT A 2ND FLOOR FRAMING PLAN -SEGMENT A**

a. Revised exterior deck angles and wood stud grade at second floor.
b. Clarified drag beam connections.
c. Added support beam for base of future operable wall.

1C-26 Drawing Sheet **S2.21B LOW ROOF FRAMING PLAN -SEGMENT B**

a. Added deck edge support angle at canopy.
b. Clarified beam hanger at grid 7/BB.

1C-27 Drawing Sheet **S2.31A MAIN ROOF FRAMING PLAN -SEGMENT A**

a. Added deck edge support at canopy.
b. Clarified drag beam connections.
c. Removed PV-related notes.
d. Revised locations of mechanical equipment.

1C-28 Drawing Sheet **S2.31B MAIN ROOF FRAMING PLAN -SEGMENT B**

a. Revised locations of mech equipment.
b. Added corner screen wall posts.

1C-29 Drawing Sheet **S2.41A HIGH ROOF FRAMING PLAN -SEGMENT A**

a. Added elevator hoist beam.

1C-30 Drawing Sheet **S2.61A FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT A**

a. Added ceilings to match architectural drawings.

1C-31 Drawing Sheet **S2.61B FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT B**

a. Added ceilings to match architectural drawings.

1C-32 Drawing Sheet **S2.62A SECOND FLOOR REFLECTED CEILING FRAMING PLAN -SEGMENT A**

a. Added ceilings to match architectural drawings.

1C-33 Drawing Sheet **S3.01 FOUNDATION SCHEDULE AND DETAILS**
- a. Revised detail 1.

1C-34 Drawing Sheet **S3.02 FOUNDATION DETAILS**
- a. Revised detail 3.

1C-35 Drawing Sheet **S3.03 ENLARGED FOUNDATION PLAN AND SECTIONS**
- a. Removed mat foundation and added wall footings in elevator pit area.

1C-36 Drawing Sheet **S4.01 WALL SECTIONS**
- a. Revised sections 1, 2, 3, 4, and 5.

1C-37 Drawing Sheet **S4.02 WALL SECTIONS**
- a. Added deck angle to section 2.
- b. Revised section 3.
- c. Minor graphic revisions to section 4.

1C-38 Drawing Sheet **S4.03 WALL SECTIONS**
- a. Revised section 1, 2, & 4.

1C-39 Drawing Sheet **S4.04 WALL SECTIONS**
- a. Revised section 1 & 2.
- b. Added deck angle to section 4.

1C-40 Drawing Sheet **S4.05 WALL SECTIONS**
- a. Revised section 4.
- b. Added hoist beam in section 4.
- c. Added deck angle in sections 2 & 3.

1C-41 Drawing Sheet **S4.06 WALL SECTIONS**
- a. Revised detail references in sections 1, 2, and 4.

1C-42 Drawing Sheet **S4.07 WALL SECTIONS**
- a. Revised detail reference in section 3.

1C-43 Drawing Sheet **S5.01 SHEAR WALL ELEVATIONS**
- a. Added typical shear wall elevation notes 4-6.

1C-44 Drawing Sheet **S5.02 SHEAR WALL ELEVATIONS**
- a. Added typical shear wall elevation notes 4-6.
- b. Added detail references for clarity.
- c. Added notes for clarity for MEP penetrations.

1C-45 Drawing Sheet **S5.03 SHEAR WALL ELEVATIONS**

a. Added typical shear wall elevation notes 4-6.
b. Minor graphic revisions to elevation 1.
c. Added notes for clarity for MEP penetrations.

1C-46 Drawing Sheet **S5.04 SHEAR WALL ELEVATIONS**

a. Added typical shear wall elevation notes 4-6.

1C-47 Drawing Sheet **S5.05 SHEAR WALL ELEVATIONS**

a. For clarity, added various detail references.
b. Shortened column at end of wing wall.
c. Added typical shear wall elevation notes 4-6.

1C-48 Drawing Sheet **S6.01 DETAILS AND SECTIONS**

a. For clarity, added notes to detail 7.

1C-49 Drawing Sheet **S6.02 DETAILS AND SECTIONS**

a. Revised detail 9.
b. Added detail 11.

1C-50 Drawing Sheet **S6.03 DETAILS AND SECTIONS**

a. Revised details 3 and 4.
b. Added detail 5.

1C-51 Drawing Sheet **S7.01 STAIR PLAN & ELEVATION AND DETAILS**

a. Revised beam/column location to align with stairs.
b. For clarity, added stair detail references

1C-52 Drawing Sheet **S7.02 STAIR PLAN & ELEVATION AND DETAILS**

a. Revised tie beam detail.

1C-53 Drawing Sheet **S7.03 STAIR PLAN & ELEVATION AND DETAILS**

a. Added ties to detail 5.
b. Added lobby stair drag detail.

1C-54 Drawing Sheet **E0.00 - ELECTRICAL COVER SHEET**

a. Revised note 9 from sheet.

1C-55 Drawing Sheet **E0.06 - SINGLE LINE DIAGRAM**

a. Revised single line and load calculations.

1C-56 Drawing Sheet **E7.01 - PANEL SCHEDULES**

a. Revised panel schedules.

1C-57 Drawing Sheet **E7.02 - PANEL SCHEDULES**

a. Revised panel schedules.

1C-58 Drawing Sheet **E7.03 - PANEL SCHEDULES**

a. Revised panel schedules.

1C-59 Drawing Sheet **EP2.11B - ELECTRICAL POWER 1ST FLOOR - SEGMENT B - FLOOR PLAN**

a. Revised power in kitchen.

1D RFI RESPONSES

The following items are responses to received RFI's for the project:

1D-1 Question: Is this just still in your guys bid docs or are you guys still enforcing covid protocols?

Response: The COVID-19 requirements were inadvertently included in the contract documents. Bidders should disregard the Special Notice about COVID-19 of Section 00100 - Notice Inviting Bids and Item 16 'Covid-19 Safety Measures' of Section 00750 - Special Conditions as noted above under Addendum item 1A-1 and 1A-2.

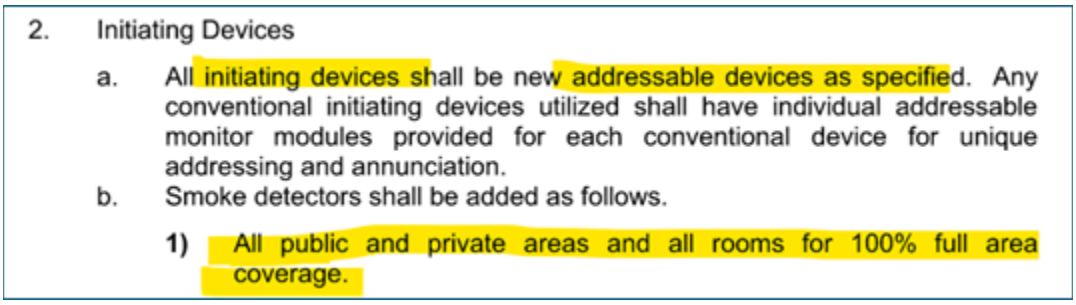
1D-2 Question: Will you please provide an RFI deadline on the website as well?

Response: The RFI deadline is 5:00 PM on October 15, 2025.

1D-3 Question: Will there be an Audio Visual Eqp list provided via addendum for this project? There are no equipment or model #'s called out in the AV spec or AV plans to quote from. Please advise if you can.

Response: Equipment selection is up to the integrator provided it meets all performance requirements outlined in the specifications, Please see Attachment I - FF&E List and 00750 – Special Conditions, Item 1 Findings regarding specific materials, products, things or services for the project, for Audio Visual equipment and sole source determinations required for this project.

1D-4 Question: As this is a fully sprinklered building, and based on the occupancy type, smoke detectors are not required throughout the facility. However, the highlighted note in the specification document appears to request full smoke detection coverage. Could you please confirm whether we should include smoke detectors throughout the facility in line with that note.



2. Initiating Devices

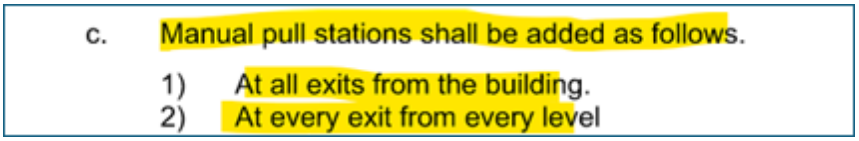
a. All initiating devices shall be new addressable devices as specified. Any conventional initiating devices utilized shall have individual addressable monitor modules provided for each conventional device for unique addressing and annunciation.

b. Smoke detectors shall be added as follows.

1) All public and private areas and all rooms for 100% full area coverage.

Response: Although this will be a fully sprinklered building, the requirements identified for the fire alarm system still apply for this building.

1D-5 Question: We found that the building is fully sprinklered, and typically, manual pull stations at every exit may not be required. However, the highlighted note in the specification document calls for manual pull stations at each exit. Could you please confirm whether this is a specific district requirement, or if we are expected to follow this note regardless of standard code provisions.



c. Manual pull stations shall be added as follows.

1) At all exits from the building.
2) At every exit from every level

Response: Although this will be a fully sprinklered building, the requirements identified for the fire alarm system still apply for this building.

1D-6 Question: I'm reaching out to inquire about the qualification process for bidding on public works construction projects as an electrical subcontractor. Neal Electric is interested in submitting a bid for the Santee Community Center project and would like to confirm that we meet all necessary requirements.

We currently hold an active California contractor's license and are registered with the DIR. Could you please let us know if there are any additional steps or qualifications needed to be included on Santee's list of approved vendors?

Response: The Santee Community Center (CIP2018-31) project does not require prequalification of contractors or subcontractors to submit a bid.

1D-7 Question: Just confirming this is a prevailing wage project?

Response: Yes, this is a prevailing wage project.

1D-8 Question: Will it require city plan check and inspection fees?

Response: The building plan check and inspection fees for the building only have been paid by the City prior to the posting of the project for bid.

The City will be responsible for all permit plan check and inspection fee costs for deferred submittal items including; Fire Alarm System, Fire Sprinklers, Inergen Fire Suppression System, Solar Photo Voltaic System, Storefront Systems, Curtain Wall Systems, Elevator Guardrails, Electric Vehicle Charge Stations, Nanawall Sliding Doors and Commissioning Plan. Please see Project Specifications Section 00750 – Special Conditions, # 5 – Permitting, Items A-J for additional information.

All plan check and inspection costs for County of San Diego Department of Environmental Health Permits and San Diego County Air Pollution Control District Permits related to the diesel-powered back up emergency generator are the responsibility of the Contractor. See Project Specification Section 00750 – Special Conditions, # 5 – Permitting, Items K and L for additional information.

Additionally, the City will pay all County of San Diego Department of Environmental Health permit and inspection fees required for the recycled water inspection and cross connection testing, and all permit and inspection associated with the Food and Housing Division for kitchen equipment and operations. See Project Specification Section 00750 – Special Conditions, #17, Item C for additional information.

1D-9 Question: Do normal plan submittals apply?

Response: Plan submittals for all deferred submittal items will follow the standard building/fire department submittal process through the City's online permitting portal.

1D-10 Question: Can you please help advise if there is a play area or any outdoor equipment in the Santee Community Center project?

Response: This project does not include playground structures.

1D-11 Question: Would there be any way I can get a sub listing from previous hard bid projects for City of Santee?

Response: The City does not maintain sub-contractor listings from previous projects. A resource for sub-contractors that we have typically seen bid projects in the City of Santee would be the Associated General Contractors (AGC).

1D-12 Question: We are seeking clarification regarding Item 29 of the bid documents, which states:

"The contractor shall self-perform with its own organization, contract work amounting to at least 20 percent of the total bid. For purposes of evaluating the percentage of work performed by subcontractors, the cost of all equipment, supplies, and materials used or installed on the project by subcontractors shall be considered as part of the work of the subcontractors. This will apply even if the contractor supplies and pays for some or all of the equipment, supplies, or materials used by the subcontractor."

We are concerned that this requirement, as written, may significantly limit the number of qualified bidders able to participate in this project.

Request:

1. Can the required self-performance requirement be waived for this project?

We believe that adjusting this requirement will encourage broader participation and ensure a more competitive bidding process.

Response: The City has evaluated the Self-Performance requirement for this project and has determined the following changes be made and will be revised in Addendum 1:

The Contractor shall self-perform with its own organization Contract work amounting to at least **Fifteen Percent (15%)** of the Total Bid. For purposes of evaluating the percentage of work performed by Subcontractors, the cost of all equipment, supplies and materials used or installed on the project by Subcontractors shall be considered as part of the work of the Subcontractors. Project management, jobsite supervision, bonding, insurance and other required overhead and oversight may be included in self-performance calculation by the Contractor.

1D-13 Question: Spec Section 075419 2.03 A & B Calls out for 72 mil Feltback and 60 mil Feltback. Which one are we using?

Response: Provide 72 mil feltback for field of roofing. 60 mil is acceptable for flashings and misc.

1D-14 Question: Spec Section 075419 2.07 B calls out for Polyisocyanurate Board Insulation (ISO). The detail on 3/A10.14 Calls out for R-30 EPS. Are we using EPS or ISO?

Response: Provide Polyisocyanurate Board Insul per specifications.

1D-15 Question: Spec Section 075419 3.05 calls to install Vapor Barrier. Roof assembly on 3/A10.14 does not have Vapor Barrier. Is a Vapor Barrier required?

Response: Vapor barrier is required.

1D-16 Question: In the Architecturals it shows solar. On S1.01 shows Solar Stanchions with Rails. No other details in the structurals shows solar stanchions. Will Solar Stanchions be installed as part of these plans? If so, please provide.

Response: The stanchions shown on S1.01 were a graphical error and have been removed in Addendum 1.

1D-17 Question: The request for bids cover sheet calls out the contract duration as 380 work days. The contract form (page 33) and the definitions (page 47) both call out Calendar days. Please clarify if contract duration is calculated in calendar days or work days.

Response: The contract duration is 380 total working days.

1D-18 Question: Doors 101A, 101B and 200B Are noted as 45 minute rating in the comments of the door schedule. Specification 08 35 13.13 -3 / 2.01 A. Indicates a BOD of model SL70 manufactured by NanaWall with a comparable product from Arcadia or Solar Innovations. None of these manufactures produce a fire rated door. It is also unclear if any manufacture makes anything that could meet this request. Fire rated doors require specific features such as automatic closures and heat activated seals. Additionally every component of the system (hardware included) needs to be tested with that system to receive the rating. Sprinkler curtains "might" be an alternate solution at these locations. Please provide a BOD that is suitable for this condition. Please clarify.

Response: Rating not required - removed from comments in Addendum 1.

1D-19 Question: Framing Systems at door locations 101D & 101E are missing from window. They are found on A8.14 / 6. Are these openings rated and can they be added to the window Schedule.

Response: Configuration 101D & E added on A9.21 in Addendum 1.

1D-20 Question: Office 122 shows north and east interior openings that are not indicated on the window schedule. Plan Sheet A8.11 / 4 indicates a. keynote (08.25) transaction window with pass thru. Plan Sheet A8.12 / 3 has the same keynote. There isn't any more information. Can a specification be added? Is there a fire rating associated with these two openings? Do both sides require transaction openings? Plan sheet A10.61 / 7 indicates open counter @ transaction window. This detail also states Bi-Fold Transaction Window which is not what is illustrated on the elevation drawings. Can BOD, Specifications, Rating and details be provided? Please clarify.

Response: Configuration 122A & 122B added on A9.21 in Addendum 1.

1D-21 Question: Door 118 is shown on the door schedule a2 45 Minute rated. This frame is not identified and is not on the window schedule. Can this window be identified on the schedule with its rating and system type? Please clarify.

Response: Tag added to A2.11A for configuration 104 on A9.21 in Addendum 1.

D-22 Question: Doors 100A, 100B, 100C & 100D are noted as PNL-FG-AL with a 45 minute fire rating. These doors are also shown on the floor plan going into the 10" Curtain wall system with window tags 110 & 113. Is this rating correct and if so are the curtain wall locations to be rated also? Please clarify.

Response: Rating not required - schedule revised in Addendum 1.

1D-23 Question: Door Schedule A9.11 indicates all PNL-FG AL doors are 45minute rated. Please confirm.

Response: Refer to revised door schedule for ratings in Addendum 1.

1D-24 Question: Specification Section 08 44 00-4 / 2.01 A. states the BOD as Arcadia T500-OPG1900. The T500-OPG1900 system is a 2.25" x 7" curtain wall system. The Window Schedule of plan sheet A9.21 indicates 10" Curtain Wall (such as a OPG-3000 series system). Can the correct system type and rating be identified? Additionally can detail callouts be identified for the curtain wall elevations of the window schedule? Please clarify.

Response: 10" Mullion system to be OPG-3000.

1D-25 Question: Specification 08 41 13 states a BOD of Arcadia AFG601T. There are details of plan sheet A10.21 that range from 4.5" mullion depth to 7.5" mullion depth. AFG601T (classified as a window wall system) is 2" x 6". Additionally these are currently assumed to be 45 minute rated frames. Can the correct system size, and rating be identified. Additionally is this specification a requirement for this project? Please clarify.

Response: Basis of design is the AFG601T.

1D-26 Question: Storefront / Curtainwall manufactures use ASD and LRFD design criteria in there published wind load charts. Although the design team was kind enough to illustrate a Components & Cladding Wind Design Criteria Table. It would be very much appreciated if we knew which design criteria was used to determine the correct parts used for the requested systems. Please clarify.

Response: The Components & Cladding wind pressures shown in the contract documents are provided at the Strength Level (LRFD basis), in accordance with ASCE 7 and CBC.

1D-27 Question: There are hardware groups called out on the doors schedule of plan sheet A9.11. There are not any hardware sets identified in the plans and the hardware specifications are missing. Please clarify.

Response: Hardware sets have been updated and door hardware spec provided as part of Addendum 1.

1D-28 Question: Please confirm the NEMA rating for Panels “EV1” and “EV2”. Specification 26 24 16 (2.1B1b) requires panelboards installed outdoors to be NEMA 4 rated. The panel schedules call for these panels to be NEMA 1.

Response: Panels to be Nema 3R, schedules have been updated as part of Addendum 1.

1D-29 Question: Please provide a detail or advise how Panels “EV1” and “EV2” are intended to be mounted.

Response: Panels intended to be mounted onto vertical standing unistrut with a concrete base.

1D-30 Question: Please confirm the NEMA rating for Transformers “T-EV1” and “T-EV2”. Specification 26 22 13 (2.4G1) requires transformers installed outdoors to be NEMA 4X rated however this is inconsistent with all other NEMA ratings on the project.

Response: Indoor equipment to be Nema 1 unless in the kitchen area where Nema 3R is required. Outdoor shall be Nema 3R.

1D-31 Question: Please confirm the bus rating for Distribution Panel “SWBD1”. The single line diagram shows 800A bus while the panel schedule shows 600A bus.

Response: Bus to be 600A.

1D-32 Question: Panel EHLO shows a 50A bus with a 100A main. Please specify the intended design.

Response: Main to be 50A.

1D-33 Question: The AIC ratings shown on E0.06 for several boards/panels are in conflict with the AIC ratings shown on E7.01-E7.03.

Response: This has been corrected in Addendum 1.

1D-34 Question: Details were provided for concrete encase duct banks with both stirrups and longitudinal rebar. Please confirm if the rebar is required and specify the criteria in which the detail must be applied.

Response: Concrete encased with rebar only required for service feeder.

1D-35 Question: Please provide the SDG&E electric work order if available.

Response: The SDG&E service orders were provided as Attachment H of the bid documents.

1D-36 Question: Please confirm that no communication conduit is required at the EV Chargers.

Response: the specified EV Chargers communicate via cellular network. No additional communication conduits are required.

1D-37 Question: The lighting design has every switched leg labelled with a zone (presumably) from the LCP. Is a centralized controller required for every switched leg or can standard localized networked lighting controls be used.

Response: Localized network lighting controls to be used.

1D-38 Question: The luminaire schedule on E0.02B lists Lutron wall stations but provides no more information on the lighting control system. Is there a specific system that will be required or is the spec open to equivalent lighting control systems (whether local or centralized).

Response: Spec is open and shall be centered around a localized network lighting controls.

1D-39 Question: Is there a specification or criteria for floor boxes shown on the electrical drawings.

Response: Basis of design is Legrand.

1D- 40 Question: E0.00 General Note #9 states “CONDUIT SIZES SHALL BE A MINIMUM OF 1in” and is in conflict with specification 26 05 33 where every raceway type lists a minimum of ¾”. Please confirm the intended minimum raceway size.

Response: All underground conduit shall be a minimum of 1”. All above ground and raceway conduit shall be 3/4" minimum, note revised from cover sheet in Addendum 1.

1D-41 Question: According to the comments on sheet A9.11, the NanaWall doors are supposed to have a 45 minute rating, but a rating isn’t listed under the fire rating column on the door schedule. We don’t believe a fire rated folding door exists, can you please confirm whether door #101A, 101B, and #200B are supposed to be fire rated.

Response: Rating not required - removed from comments in Addendum 1.

1D-42 Question: According to sheet A9.11, all of the door types ending in “(CW)” are to be aluminum storefront doors set in our aluminum storefront or curtain wall frames (reference note above FRM-00AL & FRM-50AL). All these doors are shown with a 45 minute fire rating. The curtain walls shown on sheet A9.21 don’t have any notes about a fire rating (even though they have some doors with 45 minute ratings per the door schedule). Some of the storefronts have a note mentioning 45 minute fire ratings are required at rated walls, but the basis of designs and manufacturers noted in the aluminum storefront and curtain wall specification do not offer fire rated products. Please advise which doors and frames need to be fire rated, and please provide a basis of design for any exterior fire rated aluminum frames. The 08 12 16 Fire-Rated Aluminum Frames specification only applies to interior doors and frames.

Response: Refer to revised door schedule for ratings in Addendum 1.

1D-43 Question: The storefront basis of design notes Arcadia’s AFG601T field fabricated stick system, but we can save on costs by using the AFG601T screw race system (or equivalent by another approved manufacturer) and fabricating the frames in our shop. Is a screw race system also acceptable?

Response: The basis of design is Arcadia’s AFG601T stick system. A screw race system may be considered only if submitted as a formal substitution request with supporting documentation demonstrating equivalent structural, thermal, and air/water performance. Fabrication in your shop is acceptable provided manufacturer warranties are maintained and the substitution is formally approved.

1D-44 Question: The aluminum storefront specification notes a “thermal entrance door” requirement, but the basis of design is Arcadia’s NS212 (which is a non-thermal door). The cost difference is significant, please advise whether thermal doors are required.

Response: Thermal entrance doors are required at exterior conditions only. The basis of design is revised to Arcadia NS212T (thermally broken system). Non-thermal doors (NS212) may be used for interior locations within the building.

1D-45 Question: The curtain wall specification notes an Arcadia sunshade, and a sunshade is shown in detail 13/A10.21, but I don’t see any details referenced on the curtain walls on sheet A9.21. Also I don’t see any sunshades integral to the curtain wall on the elevations or sections. Please confirm whether there are any sunshades integral to the curtain walls or storefronts, and if so please specify there locations.

Response: Configuration updated to call out sun shades as part of Addendum 1.

1D-46 Question: With reference to Section 084400- Curtain Wall & Glazed Assemblies & 084113- Alum. Framed Entrances & Storefronts, both of them does not calls-out for any Fire-rated ratings but comparing it with plan page A9.11 Door Schedule – Doors 100A/ 100B/ 100C & 100D which are incorporated into CW110 calls-out for 45 min Fire-rating. Please clarify?

Response: Rating not required - schedule revised in Addendum 1.

1D-47 Question: Also, if the door/s is incorporated into Storefront System OR Curtain Wall & Glazed Assemblies , the whole System must be a Fire-rated framing as well.

Response: Rating not required for Doors 100A,100B, 100C, & 100D - schedule revised in Addendum 1.

1D-48 Question: Nanawall doors 101A, 101B & 200B calls-out for 45 min. Fire-rated, please clarify?

Response: Rating not required - removed from comments in Addendum 1.

1D-49 Question: Door122 calls-out for 60 min-fire rated. Please clarify?

Response: Door 122 calls out 45 min rating, frame is rated 60 mins.

1D-50 Question: Please provide Hardware Sets Group #1.0 & 2.0

Response: Door hardware provided in Addendum 1.

1D-51 Question: Hardware spec 08 71 00 not included in project specs. Please provide.

Response: Door hardware provided in Addendum 1.

1D-52 Question: Please confirm that Circulation 205 on A2.23 receives RT-1 flooring. It's not hatched the same way all of the other RT-1 areas are. If it does receive RT-1, does the RT-1 extend all the way to the Stairs?

Response: Circulation 205 to receive RT-1 flooring as tagged in plan and shall continue to stairs.

1D-53 Question: The plan set is only 22 pages and missing most of the pages shown on the index. Are there floor finish plans or a finish schedule?

Response: The full plan set (294 sheets) as well as all project specifications and attachments are available on the City of Santee website: www.cityofsanteeca.gov on the 'Bid Opportunities' tab, under the Project Title 'Santee Community Center'.

1D-54 Question: Can I get the sign in sheet for the Santee Community Center job walk?

Response: The Pre-Bid Meeting Sign In Sheet from the job walk is available on bid page of the City of Santee's website, under 'Bid Opportunities' or you can access it directly here.

1D-55 Question: For clarity: (2) two total folding partition walls located at the 1st Floor Event Center 101 as well as 2nd Floor Multi-Purpose Room 200 with Kwik-Wall products. (10 22 39)For (3) three multipanel folding glass doors located at the 1st Floor (101A & 101B) as well as 2nd Floor (200B) with NanaWall products. (08 35 13.13)

Are pocket doors required? (2.08 in the Specs section references storage pocket door, but none are being shown on the floor plan Drawings.)

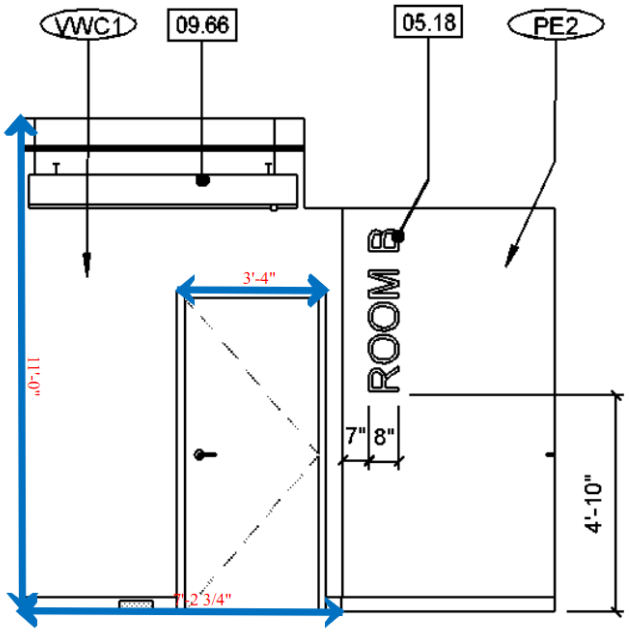
Response: Pocket doors are not required/in project.

1D-56 Question: For clarity: (2) two total folding partition walls located at the 1st Floor Event Center 101 as well as 2nd Floor Multi-Purpose Room 200 with Kwik-Wall products. (10 22 39)For (3) three multipanel folding glass doors located at the 1st Floor (101A & 101B) as well as 2nd Floor (200B) with NanaWall products. (08 35 13.13)

Is a pass-through door required on Level 2 at the Multi-Purpose Room 200 area for egress purposes?

Response: No pass through needed in folding partition - Door 200C covers egress from room.

1D-57 Question: It appears that only one wall has been marked with this finish. Could you please confirm if that is correct? If there are additional walls designated with VWC1, I would greatly appreciate it if you could provide those plans as well.



Response: The noted location is the only location in the project where we have the vinyl wall covering.

1D-58 Question: The bid documents state that the contractor must self-perform 20% of the work. We request that the self-performance requirement be removed or revised to allow the contractor discretion in allocating work between self-performed and subcontracted trades, consistent with industry practice and public contract law.

Response: The City has evaluated the Self-Performance requirement for this project and has determined the following changes be made and will be revised in Addendum 1:

The Contractor shall self-perform with its own organization Contract work amounting to at least **Fifteen Percent (15%)** of the Total Bid. For purposes of evaluating the percentage of work performed by Subcontractors, the cost of all equipment, supplies and materials used or installed on the project by Subcontractors shall be considered as part of the work of the Subcontractors. Project management, jobsite supervision, bonding, insurance and other required overhead and oversight may be included in self-performance calculation by the Contractor.

1D-59 Question: Openings 102A, 103, 105, 106, 109C, 110A, 111, 111A, 114, 115, 116, 117 121, 201, 202, 203, & 204 call for WD door and HM frame, the details are called out as 5 & 7/A10.23.These details show interior aluminum frames. Which is correct?

Response: Provide HM frames for these doors, door schedule detail references updated in Addendum 1.

1D-60 Question: Openings 107A, 107B, 108, 109D call for HM door and HM frame, the details are called out as 5 & 7/A10.23.These details show interior aluminum frames. Typically, you do not install HM doors in aluminum frames, it can be done just not seen very often. Which is correct?

Response: Provide HM frames for these doors, door schedule detail references updated in Addendum 1.

1D-61 Question: Openings 102B, 104 & 121 are listed as WD doors at exterior locations. WD doors at exterior elevations will not be warrantied. Please confirm these should be HM doors.

Response: Provide HM doors at these locations, door schedule updated in Addendum 1.

1D-62 Question: Openings 108 & 121 lists sill detail 2/A10.23. These are exterior doors. Please confirm these should be detail 1/A10.23.

Response: Confirmed - door schedule detail references updated in Addendum 1.

1D-63 Question: Exterior stair gate lists “Yes” for panic hardware. Details on A7.22 do not show panic hardware.

Response: Provide panic hardware per schedule.

1D-64 Question: Opening 200A lists sill detail 1/A10.23. This is an interior door. Please confirm this should be detail 2/A10.23.

Response: Confirmed - door schedule detail reference updated in Addendum 1.

Thank you,

Taylor Carrico
Assistant Engineer

SANTEE COMMUNITY CENTER
CITY OF SANTEE
ADDENDUM NO. 01
26 SEPTEMBER 2025

SECTION 08 71 00 – DOOR HARDWARE

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

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

1.02 RELATED DOCUMENTS

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

B. This Section includes commercial door hardware for the following:

1. Swinging doors.
2. Sliding doors.
3. Other doors to the extent indicated.

C. Door hardware includes, but is not necessarily limited to, the following:

1. Mechanical door hardware.
2. Electromechanical door hardware.
3. Cylinders specified for doors in other sections.

D. Related Sections:

1. Division 08 Section “Hollow Metal Doors and Frames”.
2. Division 08 Section “Flush Wood Doors”.
3. Division 08 Section “Aluminum-Framed Entrances and Storefronts”.

E. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.

1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
2. ICC/IBC - International Building Code.
3. NFPA 70 - National Electrical Code.

4. NFPA 80 - Fire Doors and Windows.
5. NFPA 101 - Life Safety Code.
6. NFPA 105 - Installation of Smoke Door Assemblies.
7. State Building Codes, Local Amendments.

F. Standards: All hardware specified herein shall comply with the following industry standards as applicable. Any undated reference to a standard shall be interpreted as referring to the latest edition of that standard:

1. ANSI/BHMA Certified Product Standards - A156 Series.
2. UL10C - Positive Pressure Fire Tests of Door Assemblies.
3. ANSI/UL 294 - Access Control System Units.
4. UL 305 - Panic Hardware.
5. ANSI/UL 437- Key Locks.

1.03 SUBMITTALS

A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.

B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing, fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.

1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.
3. Content: Include the following information:

a. Type, style, function, size, label, hand, and finish of each door hardware item.
b. Manufacturer of each item.
c. Fastenings and other pertinent information.
d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
e. Explanation of abbreviations, symbols, and codes contained in schedule.

f. Mounting locations for door hardware.
g. Door and frame sizes and materials.
h. Warranty information for each product.

4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.

C. Shop Drawings: Details of electrified access control hardware indicating the following:

1. Wiring Diagrams: Upon receipt of approved schedules, submit detailed system wiring diagrams for power, signaling, monitoring, communication, and control of the access control system electrified hardware. Differentiate between manufacturer-installed and field-installed wiring. Include the following:

a. Elevation diagram of each unique access controlled opening showing location and interconnection of major system components with respect to their placement in the respective door openings.
b. Complete (risers, point-to-point) access control system block wiring diagrams.
c. Wiring instructions for each electronic component scheduled herein.

2. Electrical Coordination: Coordinate with related sections the voltages and wiring details required at electrically controlled and operated hardware openings.

D. Keying Schedule: After a keying meeting with the owner has taken place prepare a separate keying schedule detailing final instructions. Submit the keying schedule in electronic format. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner must approve submitted keying schedule prior to the ordering of permanent cylinders/cores.

E. Informational Submittals:

1. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.

1.04 CLOSEOUT SUBMITTALS

A. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Procedures.

B. Project Record Documents: Provide record documentation of as-built door hardware sets in digital format (.pdf, .docx, .xlsx, .csv) and as required in Division 01, Project Record Documents.

1.05 QUALITY ASSURANCE

A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum 5 years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.

B. Certified Products: Where specified, products must maintain a current listing in the Builders Hardware Manufacturers Association (BHMA) Certified Products Directory (CPD).

C. Installer Qualifications: A minimum 3 years documented experience installing both standard and electrified door hardware 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.

D. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum 5 years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.

E. Source Limitations: Obtain each type and variety of door hardware specified in this section from a single source unless otherwise indicated.

1. Electrified modifications or enhancements made to a source manufacturer's product line by a secondary or third party source will not be accepted.
2. Provide electromechanical door hardware from the same manufacturer as mechanical door hardware, unless otherwise indicated.

F. Each unit to bear third party permanent label indicating compliance with the referenced testing standards.

G. Keying Conference: Conduct conference to comply with requirements in Division 01 Section "Project Meetings." Keying conference to incorporate the following criteria into the final keying schedule document:

1. Function of building, purpose of each area and degree of security required.
2. Plans for existing and future key system expansion.
3. Requirements for key control storage and software.
4. Installation of permanent keys, cylinder cores and software.
5. Address and requirements for delivery of keys.

H. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.

1. Prior to installation of door hardware, conduct a project specific training meeting to instruct the installing contractors' personnel on the proper installation and adjustment of their respective products. Product training to be attended by installers of door hardware (including electromechanical hardware) for aluminum, hollow metal and wood doors. Training will include the use of installation manuals, hardware schedules, templates and physical product samples as required.
2. Inspect and discuss electrical roughing-in, power supply connections, and other preparatory work performed by other trades.
3. Review sequence of operation narratives for each unique access controlled opening.
4. Review and finalize construction schedule and verify availability of materials.
5. Review the required inspecting, testing, commissioning, and demonstration procedures

I. At completion of installation, provide written documentation that components were applied according to manufacturer's instructions and recommendations and according to approved schedule.

1.06 DELIVERY, STORAGE AND HANDLING

A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.

B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.

C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

1.07 COORDINATION

A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.

B. Door and Frame Preparation: Doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

1.08 WARRANTY

A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

B. Warranty Period: Written warranty, executed by manufacturer(s), agreeing to repair or replace components of standard and electrified door hardware that fails in materials or workmanship within specified warranty period after final acceptance by the Owner. Failures include, but are not limited to, the following:

1. Structural failures including excessive deflection, cracking, or breakage.
2. Faulty operation of the hardware.
3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
4. Electrical component defects and failures within the systems operation.

C. Warranty Period: Unless otherwise indicated, warranty shall be one year from date of Substantial Completion.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Hardware shall not have any visible manufacturer names on exposed materials, except cylinders, when the door is in a closed position.

2.02 BUTT HINGES

A. Hinges: ANSI/BHMA A156.1 butt hinges with number of hinge knuckles and other options as specified in the Door Hardware Sets.

1. Quantity: Provide the following hinge quantity:

a. Two Hinges: For doors with heights up to 60 inches.
b. Three Hinges: For doors with heights 61 to 90 inches.
c. Four Hinges: For doors with heights 91 to 120 inches.
d. For doors with heights more than 120 inches, provide 4 hinges, plus 1 hinge for every 30 inches of door height greater than 120 inches.

2. Hinge Size: Provide the following, unless otherwise indicated, with hinge widths sized for door thickness and clearances required:

a. Widths up to 3’0”: 4-1/2” standard or heavy weight as specified.
b. Sizes from 3’1” to 4’0”: 5” standard or heavy weight as specified.

3. Hinge Weight and Base Material: Unless otherwise indicated, provide the following:

a. Exterior Doors: Heavy weight, non-ferrous, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate standard weight.
b. Interior Doors: Standard weight, steel, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate heavy weight.

4. Hinge Options: Comply with the following:

a. Non-removable Pins: With the exception of electric through wire hinges, provide set screw in hinge barrel that, when tightened into a groove in

hinge pin, prevents removal of pin while door is closed; for all out-swinging lockable doors.

5. Manufacturers:

a. McKinney (MK) - TA/T4A Series, 5-knuckle.

2.03 CONTINUOUS HINGES

A. Continuous Geared Hinges: ANSI/BHMA A156.26 Grade 1-600 continuous geared hinge. with minimum 0.120-inch thick extruded 6063-T6 aluminum alloy hinge leaves and a minimum overall width of 4 inches. Hinges are non-handed, reversible and fabricated to template screw locations. Factory trim hinges to suit door height and prepare for electrical cut-outs.

1. Manufacturers:.

a. Pemko (PE).

2.04 DOOR OPERATING TRIM

A. Flush Bolts and Surface Bolts: Provide products conforming to ANSI/BHMA A156.3 and A156.16, Grade 1.

1. Flush bolts to be furnished with top rod of sufficient length to allow bolt retraction device location approximately six feet from the floor.
2. Furnish dust proof strikes for bottom bolts.
3. Surface bolts to be minimum 8” in length and U.L. listed for labeled fire doors and U.L. listed for windstorm components where applicable.
4. Provide related accessories (mounting brackets, strikes, coordinators, etc.) as required for appropriate installation and operation.
5. Manufacturers:

a. Rockwood (RO).

B. Coordinators: ANSI/BHMA A156.3 door coordinators consisting of active-leaf, hold-open lever and inactive-leaf release trigger. Model as indicated in hardware sets.

1. Manufacturers:

a. Rockwood (RO).

C. Door Push Plates and Pulls: ANSI/BHMA A156.6 door pushes and pull units of type and design specified in the Hardware Sets. Coordinate and provide proper width and height as required where conflicting hardware dictates.

1. Push/Pull Plates: Minimum .050 inch thick, size as indicated in hardware sets, with beveled edges, secured with exposed screws unless otherwise indicated.
2. Door Pull and Push Bar Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door unless otherwise indicated.
3. Offset Pull Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door and offset of 90 degrees unless otherwise indicated.
4. Pulls shall be provided with a 10” clearance from the finished floor on the push side to accommodate wheelchair accessibility.
5. Fasteners: Provide manufacturer's designated fastener type as indicated in Hardware Sets. When through-bolt fasteners are in the same location as a push plate, countersink the fasteners flush with the door face allowing the push plate to sit flat against the door.
6. Manufacturers:

a. Rockwood (RO).

2.05 CYLINDERS AND KEYING

A. General: Cylinder manufacturer to have minimum (10) years experience designing secured master key systems and have on record a published security keying system policy.

B. Cylinder Types: Original manufacturer cylinders able to supply the following cylinder formats and types:

1. Threaded mortise cylinders with rings and cams to suit hardware application.
2. Rim cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
3. Bored or cylindrical lock cylinders with tailpieces as required to suit locks.
4. Tubular deadlocks and other auxiliary locks.
5. Mortise and rim cylinder collars to be solid and recessed to allow the cylinder face to be flush and be free spinning with matching finishes.
6. Keyway: Manufacturer’s Standard.

C. Small Format Interchangeable Cores: Provide small format interchangeable cores (SFIC) as specified, core insert, removable by use of a special key; usable with other manufacturers' cylinders.

D. Keying System: Each type of lock and cylinders to be factory keyed.

1. Supplier shall conduct a "Keying Conference" to define and document keying system instructions and requirements.
2. Furnish factory cut, nickel-silver large bow permanently inscribed with a visual key control number as directed by Owner.
3. New System: Key locks to a new key system as directed by the Owner.

E. Key Quantity: Provide the following minimum number of keys:

1. Change Keys per Cylinder: Two (2)
2. Master Keys (per Master Key Level/Group): Five (5).
3. Construction Keys (where required): Ten (10).

F. Construction Keying: Provide temporary keyed construction cores.

G. Key Registration List (Bitting List):

1. Provide keying transcript list to Owner's representative in the proper format for importing into key control software.
2. Provide transcript list in writing or electronic file as directed by the Owner.

2.06 KEY CONTROL

A. Key Control Cabinet: Provide a key control system including envelopes, labels, and tags with self-locking key clips, receipt forms, 3-way visible card index, temporary markers, permanent markers, and standard metal cabinet. Key control cabinet shall have expansion capacity of 150% of the number of locks required for the project.

1. Manufacturers:

a. Lund Equipment (LU).
b. MMF Industries (MM).
c. Telkee (TK).

P. Electronic Key Management System: Provide an electronic key control system with Stand-alone Plug and Play features including advanced RFID technology. Touchscreen interface with PIN access for keys individually locked in place. Minimum 1,000 system users and 21 iFobs for locking receptors. System shall have a minimum 250,000 audit events screen displayed or ability to be exported via USB port.

1. Manufacturers:

a. Medeco (MC).

2.07 MORTISE LOCKS AND LATCHING DEVICES

A. Mortise Locksets, Grade 1 (Heavy Duty): Provide ANSI/BHMA A156.13, Series 1000, Operational Grade 1 Certified Products Directory (CPD) listed mortise locksets. Listed manufacturers shall meet all functions and features as specified herein.

1. Manufacturers:

a. Corbin Russwin Hardware (RU) - ML2000 Series.
b. Sargent Manufacturing (SA) - 8200 Series.

2.08 LOCK AND LATCH STRIKES

A. Strikes: Provide manufacturer's standard strike with strike box for each latch or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, unless otherwise indicated, and as follows:

1. Flat-Lip Strikes: For locks with three-piece antifriction latchbolts, as recommended by manufacturer.
2. Extra-Long-Lip Strikes: For locks used on frames with applied wood casing trim.
3. Aluminum-Frame Strike Box: Provide manufacturer's special strike box fabricated for aluminum framing.
4. Double-lipped strikes: For locks at double acting doors. Furnish with retractable stop for rescue hardware applications.

B. Standards: Comply with the following:

1. Strikes for Mortise Locks and Latches: BHMA A156.13.
2. Strikes for Bored Locks and Latches: BHMA A156.2.
3. Strikes for Auxiliary Deadlocks: BHMA A156.36.
4. Dustproof Strikes: BHMA A156.16.

2.09 CONVENTIONAL EXIT DEVICES

A. General Requirements: All exit devices specified herein shall meet or exceed the following criteria:

1. Exit devices shall have a five-year warranty.
2. At doors not requiring a fire rating, provide devices complying with NFPA 101 and listed and labeled for "Panic Hardware" according to UL305. Provide proper fasteners as required by manufacturer including sex nuts and bolts at openings specified in the Hardware Sets.
3. Where exit devices are required on fire rated doors, provide devices complying with NFPA 80 and with UL labeling indicating "Fire Exit Hardware". Provide devices with the proper fasteners for installation as tested and listed by UL. Consult manufacturer’s catalog and template book for specific requirements.
4. Except on fire rated doors, provide exit devices with hex key dogging device to hold the pushbar and latch in a retracted position. Provide optional keyed cylinder dogging on devices where specified in Hardware Sets.
5. Devices must fit flat against the door face with no gap that permits unauthorized dogging of the push bar. The addition of filler strips is required in any case where the door light extends behind the device as in a full glass configuration.
6. Lever Operating Trim: Where exit devices require lever trim, furnish manufacturer's heavy duty escutcheon trim with threaded studs for thru-bolts.

    a. Lock Trim Design: As indicated in Hardware Sets, provide finishes and designs to match that of the specified locksets.
    b. Where function of exit device requires a cylinder, provide a cylinder (Rim or Mortise) as specified in Hardware Sets.

7. Vertical Rod Exit Devices: Where surface or concealed vertical rod exit devices are used at interior openings, provide as less bottom rod (LBR) unless otherwise indicated. Provide dust proof strikes where thermal pins are required to project into the floor.
8. Narrow Stile Applications: At doors constructed with narrow stiles, or as specified in Hardware Sets, provide devices designed for maximum 2” wide stiles.
9. Dummy Push Bar: Nonfunctioning push bar matching functional push bar.
10. Rail Sizing: Provide exit device rails factory sized for proper door width application.
11. Through Bolt Installation: For exit devices and trim as indicated in Door Hardware Sets.

B. Conventional Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 Certified Products Directory (CPD) listed exit devices. Listed manufacturers shall meet all functions and features as specified herein.

1. Manufacturers:

    a. Corbin Russwin Hardware (RU) - ED4000 / ED5000 Series.
    b. Sargent Manufacturing (SA) - 80 Series.

2.10 SURFACE DOOR CLOSERS

A. All door closers specified herein shall meet or exceed the following criteria:

1. General: Door closers to be from one manufacturer, matching in design and style, with the same type door preparations and templates regardless of application or spring size. Closers to be non-handed with full sized covers.
2. Standards: Closers to comply with UL-10C for Positive Pressure Fire Test and be U.L. listed for use of fire rated doors.
3. Size of Units: Comply with manufacturer's written recommendations for sizing of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Where closers are indicated for doors required to be accessible to the Americans with Disabilities Act, provide units complying with ANSI ICC/A117.1.
4. Closer Arms: Provide heavy duty, forged steel closer arms unless otherwise indicated in Hardware Sets.
5. Closers shall not be installed on exterior or corridor side of doors; where possible install closers on door for optimum aesthetics.
6. Closer Accessories: Provide door closer accessories including custom templates, special mounting brackets, spacers and drop plates as required for proper installation. Provide through-bolt and security type fasteners as specified in the hardware sets.

B. Door Closers, Surface Mounted (Commercial Duty): ANSI/BHMA 156.4, Grade 1 Certified Products Directory (CPD) listed surface mounted, institutional grade door closers with complete spring power adjustment, sizes 1 thru 6; and fully operational adjustable according to door size, frequency of use, and opening force. Closers to be rack and pinion type, one piece cast iron or aluminum alloy body construction, with adjustable backcheck, closing sweep, and latch speed control valves. Provide non-handed units standard.

1. Manufacturers:

    a. Corbin Russwin Hardware (RU) - DC6000 Series.
    b. Norton Rixson (NO) - 8500 Series.
    c. Sargent Manufacturing (SA) - 1431 Series.

2.11 SURFACE MOUNTED CLOSER HOLDERS

A. Electromagnetic Door Holders: ANSI A156.15, Grade 1 electromagnetic door holder/releases with a minimum 25 to 40 pounds holding power and fail-safe operation; power failure releases door to close.

1. Manufacturers:

a. Norton Rixson (RF) - 900 Series.
b. Sargent Manufacturing (SA) - 1560 Series.

2.12 ARCHITECTURAL TRIM

A. Door Protective Trim

1. General: Door protective trim units to be of type and design as specified below or in the Hardware Sets.
2. Size: Fabricate protection plates (kick, armor, or mop) not more than 2" less than door width (LDW) on stop side of single doors and 1” LDW on stop side of pairs of doors, and not more than 1" less than door width on pull side. Coordinate and provide proper width and height as required where conflicting hardware dictates. Height to be as specified in the Hardware Sets.
3. Where plates are applied to fire rated doors with the top of the plate more than 16” above the bottom of the door, provide plates complying with NFPA 80. Consult manufacturer’s catalog and template book for specific requirements for size and applications.
4. Protection Plates: ANSI/BHMA A156.6 protection plates (kick, armor, or mop), fabricated from the following:

a. Stainless Steel: 300 grade, 050-inch thick.

5. Options and fasteners: Provide manufacturer's designated fastener type as specified in the Hardware Sets. Provide countersunk screw holes.
6. Manufacturers:

a. Rockwood (RO).

2.13 DOOR STOPS AND HOLDERS

A. General: Door stops and holders to be of type and design as specified below or in the Hardware Sets.

B. Door Stops and Bumpers: ANSI/BHMA A156.16, Grade 1 door stops and wall bumpers. Provide wall bumpers, either convex or concave types with anchorage as indicated, unless floor or other types of door stops are specified in Hardware Sets. Do not mount floor stops where they will impede traffic. Where floor or wall bumpers are not appropriate, provide overhead type stops and holders.

1. Manufacturers:

a. Rockwood (RO).

C. Overhead Door Stops and Holders: ANSI/BHMA A156.8, Grade 1 Certified Products Directory (CPD) listed overhead stops and holders to be surface or concealed types as indicated in Hardware Sets. Track, slide, arm and jamb bracket to be constructed of extruded bronze and shock absorber spring of heavy tempered steel. Provide non-handed design with mounting brackets as required for proper operation and function.

1. Manufacturers:

a. Norton Rixson (RF).

2.14 ARCHITECTURAL SEALS

A. General: Thresholds, weatherstripping, and gasket seals to be of type and design as specified below or in the Hardware Sets. Provide continuous weatherstrip gasketing on exterior doors and provide smoke, light, or sound gasketing on interior doors where indicated. At exterior applications provide non-corrosive fasteners and elsewhere where indicated.

B. Smoke Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for smoke control ratings indicated, based on testing according to UL 1784.

1. Provide smoke labeled perimeter gasketing at all smoke labeled openings.

C. Fire Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to UL-10C.

1. Provide intumescent seals as indicated to meet UL10C Standard for Positive Pressure Fire Tests of Door Assemblies, and NFPA 252, Standard Methods of Fire Tests of Door Assemblies.

D. Sound-Rated Gasketing: Assemblies that are listed and labeled by a testing and inspecting agency, for sound ratings indicated.

E. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.

F. Manufacturers:

1. Pemko (PE).

2.15 FABRICATION

A. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to manufacturers recognized installation standards for application intended.

2.16 FINISHES

A. Standard: Designations used in the Hardware Sets and elsewhere indicate hardware finishes complying with ANSI/BHMA A156.18, including coordination with traditional U.S. finishes indicated by certain manufacturers for their products.

B. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware

C. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine scheduled openings, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.

B. Notify architect of any discrepancies or conflicts between the door schedule, door types, drawings and scheduled hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

3.02 PREPARATION

A. Hollow Metal Doors and Frames: Comply with ANSI/DHI A115 series.

B. Wood Doors: Comply with ANSI/DHI A115-W series.

3.03 INSTALLATION

A. Install each item of mechanical and electromechanical hardware and access control equipment to comply with manufacturer's written instructions and according to specifications.

1. Installers are to be trained and certified by the manufacturer on the proper installation and adjustment of fire, life safety, and security products including: hanging devices; locking devices; closing devices; and seals.

B. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:

1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
2. DHI TDH-007-20: Installation Guide for Doors and Hardware.
3. Where indicated to comply with accessibility requirements, comply with ANSI A117.1 "Accessibility Guidelines for Buildings and Facilities."
4. Provide blocking in drywall partitions where wall stops or other wall mounted hardware is located.

C. Retrofitting: Install door hardware to comply with manufacturer's published templates and written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.

D. Push Plates and Door Pulls: When through-bolt fasteners are in the same location as a push plate, countersink the fasteners flush with the door face allowing the push plate to sit flat against the door.

E. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."

F. Storage: Provide a secure lock up for hardware delivered to the project but not yet installed. Control the handling and installation of hardware items so that the completion of the work will not be delayed by hardware losses before and after installation.

3.04 FIELD QUALITY CONTROL

A. Field Inspection (Punch Report): Reference Division 01 Sections “Closeout Procedures”. Produce project punch report for each installed door opening indicating compliance with approved submittals and verification hardware is properly installed, operating and adjusted. Include list of items to be completed and corrected, indicating the reasons or deficiencies causing the Work to be incomplete or rejected.

1. Organization of List: Include separate Door Opening and Deficiencies and Corrective Action Lists organized by Mark, Opening Remarks and Comments, and related Opening Images and Video Recordings.

3.05 ADJUSTING

A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

3.06 CLEANING AND PROTECTION

A. Protect all hardware stored on construction site in a covered and dry place. Protect exposed hardware installed on doors during the construction phase. Install any and all hardware at the latest possible time frame.

B. Clean adjacent surfaces soiled by door hardware installation.

C. Clean operating items as necessary to restore proper finish. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of owner occupancy.

3.07 DEMONSTRATION

A. Instruct Owner's maintenance personnel to adjust, operate, and maintain mechanical and electromechanical door hardware.

3.08 DOOR HARDWARE SETS

A. The hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.

1. Quantities listed are for each pair of doors, or for each single door.
2. The supplier is responsible for handing and sizing all products.
3. Where multiple options for a piece of hardware are given in a single line item, the supplier shall provide the appropriate application for the opening.
4. At existing openings with new hardware the supplier shall field inspect existing conditions prior to the submittal stage to verify the specified hardware will work as required. Provide alternate solutions and proposals as needed.

B. Manufacturer's Abbreviations:

1. MK - McKinney
2. DD - D & D Technologies
3. PE - Pemko
4. RO - Rockwood
5. RU - Corbin Russwin
6. BE - BEST Locks & Closers
7. RF - Rixson
8. OT - Other

Hardware Sets

Set: 1.0

Doors: 109A, 109B

2	Continuous Hinge	CFM HD1		PE
1	Concealed Vert Rod Exit	PED4850T A 5CH Less Trim	630	RU
1	Concealed Vert Rod Exit	PED4850T A 5CH CT7SB Less Trim	630	RU
1	Auxiliary Control	PED155	630	RU

1	Interchangeable Core	Provide BEST SFIC		BE
2	Offset Door Pull	RM3311-12	US32D	RO
2	Surface Closer, Backstop	DC6210 A4	689	RU
1	Weatherstripping	By Aluminum Door and Frame Manufacturer		OT
1	Rain Guard	346C (Omit @ overhang)		PE
2	Sweep	18062CNB		PE
1	Threshold	271A or Per Sill Detail		PE

Set: 2.0

Doors: 100A, 100B, 100C, 100D, 110B, 118, 200C

1	Continuous Hinge	CFM HD1		PE
1	Rim Exit Device, Nightlatch	PED4257 A K157ET 5CH CT7SB	630	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Offset Door Pull	RM3311-12	US32D	RO
1	Surface Closer, Backstop	DC6210 A4	689	RU
1	Weatherstripping	By Aluminum Door and Frame Manufacturer		OT
1	Rain Guard	346C (Omit @ overhang)		PE
1	Sweep	18062CNB		PE
1	Threshold	271A or Per Sill Detail		PE

Set: 3.0

Doors: 101C, 102B

1	Continuous Hinge	CFM HD1		PE
1	Storeroom Lock	CLX3357 124D CT7SB	626	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Surface Closer, Backstop	DC6210 A4	689	RU
1	Gasketing (Head)	2891AS		PE
1	Gasketing (Jambs)	290AS		PE
1	Rain Guard	346C (Omit @ overhang)		PE
1	Sweep	18062CNB		PE
1	Threshold	271A or Per Sill Detail		PE

Set: 4.0

Doors: 121

3	Hinge (heavy weight)	T4A3386 (NRP)	US32D	MK
1	Storeroom Lock	CLX3357 124D CT7SB	626	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Surface Closer, Backstop	DC6210 A4	689	RU
1	Gasketing (Head)	2891AS		PE
1	Gasketing (Jambs)	290AS		PE
1	Rain Guard	346C (Omit @ overhang)		PE
1	Sweep	18062CNB		PE
1	Threshold	271A or Per Sill Detail		PE
1	Latch Protector	320-RKW	US32D	RO

Set: 5.0

Doors: 101D, 101E

2	Continuous Hinge	CFM HD1		PE
2	Concealed Vert Rod Exit	PED4850T A 5CH CT7SB Less Trim	630	RU
1	Auxiliary Control	PED155	630	RU
1	Interchangeable Core	Provide BEST SFIC		BE
2	Offset Door Pull	RM3311-12	US32D	RO
2	Surface Closer	DC6210 A3	689	RU
2	Wall Stop	403	US26D	RO
2	Electromagnetic Holder	998M	689	RF
1	Gasketing	By Aluminum Door and Frame Manufacturer		OT

Set: 5.5

Doors: 109D

2	Continuous Hinge	CFM HD1		PE
2	Concealed Vert Rod Exit	PED4850T A 5CH CT7SB Less Trim	630	RU
1	Auxiliary Control	PED155	630	RU
1	Interchangeable Core	Provide BEST SFIC		BE

2	Offset Door Pull	RM3311-12	US32D	RO
2	Surface Closer	DC6210 A3	689	RU
2	Wall Stop	403	US26D	RO
2	Electromagnetic Holder	998M	689	RF
1	Astragal	S771BL		PE
1	Smoke Gasketing	S88BL		PE

Set: 6.0

Doors: 107A, 107B, 108

6	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Flush Bolt	2842	US32D	RO
1	Dust Proof Strike	570	US26D	RO
1	Storeroom Lock	CLX3357 124D CT7SB	626	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Coordinator	2600 x Required Brackets	Black	RO
2	Surface Closer, Backstop	DC6210 A4	689	RU
1	Astragal	S771BL		PE
1	Gasketing	S88BL		PE

Set: 7.0

Doors: 115

3	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Storeroom Lock	CLX3357 124D CT7SB	626	RU
1	Surface Closer	DC6200	689	RU
1	Wall Stop	403	US26D	RO
1	Gasketing	S88BL		PE

Set: 8.0

Doors: 103, 106, 201

3	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Storeroom Lock	CLX3357 124D CT7SB	626	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Surface Closer, Backstop	DC6210 A4	689	RU
1	Smoke Gasketing	S88BL		PE

Set: 9.0

Doors: 114

3	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Storeroom Lock	CLX3357 124D CT7SB	626	RU
1	Surface Closer	DC6200	689	RU
1	Mop Plate	K1050 6" high CSK BEV	US32D	RO
1	Kick Plate	K1050 10" high CSK BEV	US32D	RO
1	Wall Stop	403	US26D	RO
1	Gasketing	S88BL		PE

Set: 10.0

Doors: 111, 111A

3	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Entrance Lock	CLX3351 124D CT7SB	626	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Surface Closer, Hold Open	DC6200 A1	689	RU
1	Wall Stop	403	US26D	RO
3	Silencer	608-RKW		RO

Set: 12.0

Doors: 102A

3	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Classroom Lock	CLX3355 124D CT7SB	626	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Surface Closer, Backstop	DC6210 A4	689	RU
1	Smoke Gasketing	S88BL		PE

Set: 13.0

Doors: 109C, 110A, 200A

3	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Classroom Lock	CLX3355 124D CT7SB	626	RU
1	Interchangeable Core	Provide BEST SFIC		BE

1	Surface Closer	DC6210	689	RU
1	Wall Stop	403	US26D	RO
1	Smoke Gasketing	S88BL		PE

Set: 14.0

Doors: 204

3	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Classroom Lock	CLX3355 124D CT7SB	626	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Conc Overhead Stop	1-x36	630	RF
1	Surface Closer	DC6200	689	RU
1	Gasketing	S88BL		PE

Set: 15.0

Doors: 112, 202, 203

3	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Privacy Lock	ML2068 124V V01 CT7SB	630C	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Surface Closer	DC6200	689	RU
1	Mop Plate	K1050 6" high CSK BEV	US32D	RO
1	Kick Plate	K1050 10" high CSK BEV	US32D	RO
1	Wall Stop	403	US26D	RO
1	Smoke Gasketing	S88BL		PE

Set: 17.0

Doors: 105

3	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Passage Latch	CLX3310 124D	626	RU
1	Conc Overhead Stop	1-x36	630	RF
1	Surface Closer	DC6200	689	RU
1	Gasketing	S88BL		PE

Set: 18.0

Doors: 116, 117

3	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Push Pull Plate	110x73C/73CL	US32D	RO
1	Surface Closer	DC6200	689	RU
1	Mop Plate	K1050 6" high CSK BEV	US32D	RO
1	Kick Plate	K1050 10" high CSK BEV	US32D	RO
1	Wall Stop	403	US26D	RO
1	Smoke Gasketing	S88BL		PE

Set: 19.0

Doors: 122

3	Hinge, Full Mortise	TA2714 (NRP)	US26D	MK
1	Entrance Lock	CLX3351 124D CT7SB	626	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Surface Closer	DC6200	689	RU
1	Wall Stop	403	US26D	RO
1	Gasketing	By Aluminum Door and Frame Manufacturer		OT

Set: 20.0

Doors: 205

1	Continuous Hinge	CFM HD1		PE
1	Classroom Lock	CLX3355 124D CT7SB	626	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Conc Overhead Stop	1-x36	630	RF
1	Surface Closer	DC6200	689	RU
1	Weatherstripping	By Aluminum Door and Frame Manufacturer		OT
1	Rain Guard	346C (Omit @ overhang)		PE
1	Sweep	18062CNB		PE
1	Threshold	271A or Per Sill Detail		PE

Set: 21.0

Doors: 123

3	Hinge	CI3800		DD
1	Rim Exit Device, Nightlatch	PED4257 K157ET 5CH CT7SB	630	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Offset Door Pull	RM3311-12	US32D	RO
1	Surface Closer, Backstop	DC6210 A4	689	RU

Set: 22.0

Doors: 104

3	Hinge (heavy weight)	T4A3386 (NRP)	US32D	MK
1	Rim Exit Device	PED5247 A 124947PT 5CH CT7SB	630	RU
1	Interchangeable Core	Provide BEST SFIC		BE
1	Surface Closer, Backstop	DC6210 A4	689	RU
1	Gasketing (Head)	2891AS		PE
1	Gasketing (Jambs)	290AS		PE
1	Rain Guard	346C (Omit @ overhang)		PE
1	Sweep	18062CNB		PE
1	Threshold	271A or Per Sill Detail		PE

END OF SECTION

SECTION 11 40 00 - FOODSERVICE EQUIPMENT

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes:
   1. Fabricated equipment.
   2. Cooking equipment.
   3. Self-contained refrigeration equipment.
   4. Serving equipment.

1.02 COORDINATION

A. Coordinate foodservice equipment layout and installation with other work, including layout and installation of lighting fixtures, HVAC equipment, and fire-suppression system components.

B. Coordinate locations and requirements of utility service connections.

1.03 ACTION SUBMITTALS

A. Product Data: For each type of product.
   1. Include the following:
      a. Manufacturer's model number.
      b. Accessories and components that will be included for Project.
      c. Clearance requirements for access and maintenance.
      d. Utility service connections for water, drainage, power, and fuel; include roughing-in dimensions.

B. Shop Drawings: For fabricated equipment.
   1. Include plans, elevations, sections, roughing-in dimensions, fabrication details, utility service requirements, and attachments to other work.

C. Samples for Verification: For each factory-applied color finish required, in manufacturer's standard sizes.

1.04 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For foodservice equipment to include in emergency, operation, and maintenance manuals. Include the following:
   1. Product Schedule: For each foodservice equipment item, include the following:
      a. Designation indicated on Drawings.
      b. Manufacturer's name and model number.
      c. List of factory-authorized service agencies including addresses and telephone numbers.

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1.05 FIELD CONDITIONS

A. Field Measurements: Verify actual dimensions of construction contiguous with foodservice equipment by field measurements before fabrication. Indicate measurements on Coordination Drawings.

PART 2 - PRODUCTS

2.01 PERFORMANCE REQUIREMENTS

A. NSF Standards: Provide equipment that bears NSF Certification Mark or UL Classification Mark certifying compliance with applicable NSF standards.

B. UL Certification: Provide electric and fuel-burning equipment and components that are evaluated by UL for fire, electric shock, and casualty hazards according to applicable safety standards, and that are UL certified for compliance and labeled for intended use.

C. Regulatory Requirements: Install equipment to comply with the following:
1. NFPA 70, "National Electrical Code."

2.02 FABRICATED EQUIPMENT

A. Stainless Steel Sinks:
1. Basis-of-Design Product: Subject to compliance with requirements, provide John BOOS; 2B-1D B-Series Sinks, or comparable product by an approved manufacturer.
2. Description: Two -compartment sink(s). Fabricate units of welded stainless steel, sound deadened.
a. Bowls: Stainless steel, Type 304, [0.078 inch] [0.062 inch] thick.
b. Integral Drainboards: Stainless steel, Type 304, [0.078 inch] [0.062 inch] thick.
c. Body: Stainless steel, Type 304, 0.062 inch thick.
1) Back Splash: Manufacturer's standard height.
d. Legs and Feet: Stainless steel tubing legs with adjustable bullet feet.
3. Stainless Steel Sheet: ASTM A240/A240M, austenitic stainless steel, type as indicated.
4. Stainless Steel Finish: Directional satin finish, ASTM A480/A480M, No. 4.

2.03 COOKING EQUIPMENT

A. Ranges:
1. Basis-of-Design Product: Subject to compliance with requirements, provide ~~KoolMore; KM-CR60-E~~ Vulcan; EV60SS-10FPor comparable product by an approved manufacturer.
2. Description:
a. Top Configuration:

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1) Open-Burner Unit:
a) Standard Burners: 10.
b. Base Configuration:
1) Standard Oven(s): Two.
c. Accessories:
1) High back shelf.
2) Oven Rack(s): ~~Two~~ One for each oven.
d. Electrical Service: Equip unit for connection to service indicated on Drawings.

2.04 SELF-CONTAINED REFRIGERATION EQUIPMENT

A. Refrigeration Equipment: Refrigerators.
1. Basis-of-Design Product: Subject to compliance with requirements, provide Atosa; MBF8507GR, or comparable product by an approved manufacturer.
2. Description: Reach-in type.
a. Exterior Finish: Stainless steel.
b. Interior Finish: Stainless steel.
c. Electrical Service: Equip unit with plug and cord for service indicated on Drawings.

B. Refrigeration Equipment: Freezers.
1. Basis-of-Design Product: Subject to compliance with requirements, provide Arctic Air; AF49, or comparable product by an approved manufacturer.
2. Description: Reach-in type.
a. Exterior Finish: Stainless steel.
b. Interior Finish: Manufacturer's standard.
c. Electrical Service: Equip unit with plug and cord for service indicated on Drawings.

C. Ice-Making Machine:
1. Basis-of-Design Product: Subject to compliance with requirements, provide Manitowoc Ice; Indigo NXT Series iT0450 Ice Machine, or comparable product by an approved manufacturer.
2. Description: Freestanding units.
a. Production: Ice cubes, half-dice.
b. Capacity: 490 lbs per 24-hour period.
c. Accessories:
1) Storage Bin: Model D-400.
a) Storage Capacity: 365 lbs.
2) Stainless steel stand and legs.
3) Water filter.
d. Electrical Service: Equip unit for connection to service indicated on Drawings.

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2.05 SERVING EQUIPMENT

A. Holding Cabinet:
1. Basis-of-Design Product: Subject to compliance with requirements, provide CresCor; Model H-137-SUA-12D, or comparable product by an approved manufacturer.
2. Description: Hot food, insulated holding cabinet.
a. Finish: Stainless steel.
b. Accessories:
1) Casters.
2) Smooth interior coved corners.
3) Reversible Dutch doors.
4)
c. Electrical Service: Equip unit for connection to service indicated on Drawings.

2.06 MISCELLANEOUS MATERIALS

A. Installation Accessories, General: NSF certified for end-use application indicated.

2.07 FINISHES

A. Stainless Steel Finishes:
1. Surface Preparation: Remove tool and die marks and stretch lines, or blend into finish.
2. Polished Finishes: Grind and polish surfaces to produce uniform finish, free of cross scratches.
a. Run grain of directional finishes with long dimension of each piece.
b. When polishing is completed, passivate and rinse surfaces. Remove embedded foreign matter and leave surfaces chemically clean.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Install foodservice equipment level and plumb, according to manufacturer's written instructions.
1. Connect equipment to utilities.
2. Provide cutouts in equipment, neatly formed, where required to run service lines through equipment to make final connections.

B. Complete equipment assembly where field assembly is required.
1. Provide closed butt and contact joints that do not require a filler.
2. Grind field welds on stainless steel equipment until smooth and polish to match adjacent finish.

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C. Install equipment with access and maintenance clearances that comply with manufacturer's written installation instructions and with requirements of authorities having jurisdiction.

D. Install joint sealant in joints between equipment and abutting surfaces with continuous joint backing unless otherwise indicated. Produce airtight, watertight, vermin-proof, sanitary joints.

3.02 CLEANING AND PROTECTING

A. After completing installation of equipment, repair damaged finishes.

B. Clean and adjust equipment as required to produce ready-for-use condition.

C. Protect equipment from damage during remainder of the construction period.

3.03 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain foodservice equipment.

END OF SECTION

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SECTION 14 24 00 - HYDRAULIC ELEVATORS

PART 1 - GENERAL

1.01 SUMMARY

A. Section Includes:
   1. Hydraulic passenger elevators.

1.02 ACTION SUBMITTALS

A. Product Data: Include capacities, sizes, performances, operations, safety features, finishes, and similar information.

B. Shop Drawings:
   1. Include plans, elevations, sections, and large-scale details indicating service at each landing; machine room layout; coordination with building structure; relationships with other construction; and locations of equipment.
   2. Indicate maximum dynamic and static loads imposed on building structure at points of support as well as maximum and average power demands.

C. Samples: For finishes involving color selection.

1.03 INFORMATIONAL SUBMITTALS

A. Seismic Qualification Certificates: For elevator equipment, accessories, and components, from manufacturer.

B. Manufacturer Certificates: Signed by elevator manufacturer, certifying that hoistway, pit, and machine room layout and dimensions, as indicated on Drawings, and electrical service including standby-power generator, as indicated and specified, are adequate for elevator system being provided.

1.04 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For elevators to include in emergency, operation, and maintenance manuals.

B. Inspection and Acceptance Certificates and Operating Permits: As required by authorities having jurisdiction for normal, unrestricted elevator use.

1.05 WARRANTY

A. Manufacturer's Special Warranty: Manufacturer agrees to repair, restore, or replace elevator work that fails in materials or workmanship within specified warranty period.
   1. Warranty Period: 2 year(s) from date of Substantial Completion.

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PART 2 - PRODUCTS

2.01 PERFORMANCE REQUIREMENTS

A. Regulatory Requirements: Comply with ASME A17.1/CSA B44.

B. Accessibility Standard: Comply with applicable provisions in the United States Access Board's ADA-ABA Accessibility Guidelines and California Building Code, Chapter 11.

C. Seismic Performance: Elevator system withstands the effects of earthquake motions determined according to ASCE/SEI 7 and complies with elevator seismic requirements in ASME A17.1/CSA B44.
   1. Project Seismic Design Category: As indicated on Drawings.
   2. Elevator Component Importance Factor: 1.0.
   3. Provide earthquake equipment required by ASME A17.1/CSA B44.

2.02 ELEVATORS

A. Basis-of-Design Product: Subject to compliance with requirements, provide Otis; Hydrofit, or comparable product by approved manufacturer.

B. Elevator System, General: Manufacturer's standard elevator systems. Unless otherwise indicated, manufacturers' standard components are used, as included in standard elevator systems and as required for complete system.

C. Elevator Description:
   1. Type:
      a. Holeless, beside-the-car, dual cylinder.
   2. Rated Load: 3500 lb .
   3. Rated Speed: 100 fpm .
   4. Operation System: Single automatic operation.
   5. Auxiliary Operations:
      a. Standby-power operation.
   6. Car Enclosures:
      a. Inside Width: Not less than 77 inches from side wall to side wall.
      b. Inside Depth: Not less than 65 inches from back wall to front wall (return panels).
      c. Inside Height: Not less than 93 inches to underside of ceiling.
      d. Front Walls (Return Panels): Satin stainless steel, ASTM A480/A480M, No. 4 finish with integral car door frames.
      e. Car Fixtures: Satin stainless steel, ASTM A480/A480M, No. 4 finish.
      f. Side and Rear Wall Panels: Plastic laminate.
      g. Door Faces (Interior): Satin stainless steel, ASTM A480/A480M, No. 4 finish.
      h. Ceiling: Satin stainless steel, ASTM A480/A480M, No. 4 finish.
      i. Handrails: 1/2 by 2 inches rectangular satin stainless steel, at sides of car.

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7. Hoistway Entrances:
   a. Width: 36 inches.
   b. Height: 84 inches.
   c. Type: Single-speed center opening.
   d. Frames : Satin stainless steel, ASTM A480/A480M, No. 4 finish.
   e. Doors: Satin stainless steel, ASTM A480/A480M, No. 4 finish.
8. Hall Fixtures: Satin stainless steel, ASTM A480/A480M, No. 4 finish.

2.03 SYSTEMS AND COMPONENTS

A. Pump Units: Positive-displacement type with a maximum of 10 percent variation between no load and full load and with minimum pulsations.
   1. Pump is submersible type with submersible squirrel-cage induction motor, and suspended inside oil tank from vibration isolation mounts.

B. Piping: Size, type, and weight of piping as recommended by elevator manufacturer, with flexible connectors to minimize sound and vibration transmissions from power unit.

C. Hydraulic Fluid:
   1. Hydraulic Fluid, Manufacturer's Standard: Elevator manufacturer's standard fluid with additives as needed to prevent oxidation of fluid, corrosion of cylinder and other components, and other adverse effects.

D. Guides: Roller guides. Provide guides at top and bottom of car frame.

2.04 OPERATION SYSTEMS

A. Provide manufacturer's standard microprocessor operation system as required to provide type of operation indicated.

B. Auxiliary Operations:
   1. Single-Car Standby-Power Operation: On activation of standby power, car is returned to a designated floor and parked with doors open. Car can be manually put in service on standby power, either for return operation or for regular operation, by switches in control panel. Manual operation causes automatic operation to cease.

2.05 DOOR-REOPENING DEVICES

A. Infrared Array: Provide door-reopening device with uniform array of 36 or more microprocessor-controlled, infrared light beams projecting across car entrance. Interruption of one or more light beams causes doors to stop and reopen.

B. Nudging Feature: After car doors are prevented from closing for predetermined adjustable time, through activating door-reopening device, a loud buzzer sounds and doors begin to close at reduced kinetic energy.

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2.06 CAR ENCLOSURES

A. Provide enameled- or powder-coated-steel car enclosures to receive removable wall panels, with car roof, access doors, power door operators, and ventilation.
   1. Provide standard railings complying with ASME A17.1/CSA B44 on car tops where required by ASME A17.1/CSA B44.

B. Materials and Finishes: Manufacturer's standards, but not less than the following:
   1. Plastic-Laminate Wall Panels: Plastic laminate adhesively applied to manufacturer's standard formed metal panels with manufacturer's standard protective edge trim. Panels have a flame-spread index of 25 or less, when tested according to ASTM E84.
      a. Pattern, Color, Texture: Kensington Maple, or as selected by Architect from manufacturer's full range.
   2. Stainless Steel Doors: Flush, hollow-metal construction; fabricated from stainless steel sheet or by laminating stainless steel sheet to exposed faces and edges of enameled- or powder-coated-steel doors using adhesive that fully bonds metal to metal without telegraphing or oil-canning.
   3. Sight Guards: Provide sight guards on car doors.
   4. Sills: Extruded or machined metal, with grooved surface, 1/4 inch thick.
   5. Luminous Ceiling: Fluorescent light fixtures and ceiling panels of translucent acrylic or other permanent rigid plastic.
   6. Metal Ceiling: Flush panels, with downlights in the center of each panel. Align ceiling panel joints with joints between wall panels.

2.07 HOISTWAY ENTRANCES

A. Hoistway Entrance Assemblies: Manufacturer's standard horizontal-sliding, door-and-frame hoistway entrances complete with track systems, hardware, sills, and accessories. Frame size and profile accommodate hoistway wall construction.
   1. Where gypsum board wall construction is indicated, frames are self-supporting with reinforced head sections.

B. Fire-Rated Hoistway Entrance Assemblies: Door-and-frame assemblies comply with NFPA 80 and be listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction based on testing at as close-to-neutral pressure as possible according to NFPA 252 or UL 10B.
   1. Fire-Protection Rating: As indicated on Drawings.

C. Materials and Fabrication: Manufacturer's standards, but not less than the following:
   1. Enameled- or Powder-Coated-Steel Frames: Formed from cold- or hot-rolled steel sheet. Provide with factory-applied enamel or powder-coat finish; colors as selected by Architect from manufacturer's full range.
   2. Stainless Steel Frames: Formed from stainless steel sheet.
   3. Star of Life Symbol: Identify emergency elevators with star of life symbol, not less than 3 inches high, on both jambs of hoistway door frames.

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4. Stainless Steel Doors: Flush, hollow-metal construction; fabricated from stainless steel sheet or by laminating stainless steel sheet to exposed faces and edges of enameled- or powder-coated-steel doors using adhesive that fully bonds metal to metal without telegraphing or oil-canning.
5. Sight Guards: Provide sight guards on doors matching door edges.
6. Sills: Extruded or machined metal, with grooved surface, 1/4 inch thick.
7. Nonshrink, Nonmetallic Grout: Factory-packaged, nonstaining, noncorrosive, nongaseous grout complying with ASTM C1107/C1107M.

2.08 SIGNAL EQUIPMENT

A. Provide hall-call and car-call buttons that light when activated and remain lit until call has been fulfilled. Provide buttons and lighted elements illuminated with LEDs.

B. Car-Control Stations: Provide manufacturer's standard car-control stations. Mount in return panel adjacent to car door unless otherwise indicated.
1. Provide "No Smoking" sign matching car-control station, either integral with car-control station or mounted adjacent to it, with text and graphics as required by authorities having jurisdiction.

C. Emergency Communication System: Two-way voice communication system, with visible signal, which dials preprogrammed number of monitoring station and does not require handset use. System is contained in flush-mounted cabinet, with identification, instructions for use, and battery backup power supply.

D. Firefighters' Two-Way Telephone Communication Service: Provide in each car and required conductors in traveling cable for firefighters' two-way telephone communication service.

E. Car Position Indicator: Provide digital-type car position indicator, located above car door or above car-control station. Also, provide audible signal to indicate to passengers that car is either stopping at or passing each of the floors served. Include travel direction arrows if not provided in car-control station.

F. Hall Push-Button Stations: Provide hall push-button station at each landing as indicated.

G. Hall Lanterns: Units with illuminated arrows; however, provide single arrow at terminal landings.

H. Hall Annunciator: With each hall lantern, provide audible signals indicating car arrival and direction of travel. Signals sound once for up and twice for down.

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I. Standby-Power Elevator Selector Switches: Provide switches, as required by ASME A17.1/CSA B44, where indicated. Adjacent to switches, provide illuminated signal that indicates when normal power supply has failed. For each elevator, provide illuminated signals that indicate when they are operational and when they are at the designated emergency return level with doors open.

J. Fire-Command-Center Annunciator Panel: Provide panel containing illuminated position indicators for each elevator, clearly labeled with elevator designation; include illuminated signal that indicates when elevator is operational and when it is at the designated emergency return level with doors open. Provide standby-power elevator selector switch(es), as required by ASME A17.1/CSA B44, adjacent to position indicators. Provide illuminated signal that indicates when normal power supply has failed.

K. Emergency Pictorial Signs: Fabricate from materials matching hall push-button stations, with text and graphics as required by authorities having jurisdiction, indicating that in case of fire, elevators are out of service and exits should be used instead. Provide one sign at each hall push-button station unless otherwise indicated.

2.09 FINISH MATERIALS

A. Stainless Steel Sheet: ASTM A240/A240M, Type 304.

B. Stainless Steel Bars: ASTM A276/A276M, Type 304.

C. Aluminum Extrusions: ASTM B221, Alloy 6063.

D. Plastic Laminate: High-pressure type complying with ISO 4586-3, Type HGS.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Install cylinder plumb and accurately centered for elevator car position and travel. Anchor securely in place, supported at pit floor and braced at intervals as needed to maintain alignment. Anchor cylinder guides at spacing needed to maintain alignment and avoid overstressing guides.

B. Sound Isolation: Mount rotating and vibrating equipment on vibration-isolating mounts to minimize vibration transmission to structure and structure-borne noise due to elevator system.

C. Lubricate operating parts of systems as recommended by manufacturers.

D. Leveling Tolerance: 1/4 inch, up or down, regardless of load and travel direction.

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E. Set sills flush with finished floor surface at landing. Fill space under sill solidly with nonshrink, nonmetallic grout.

F. Locate hall signal equipment for elevators as follows unless otherwise indicated:
   1. For groups of elevators, locate hall push-button stations between two elevators at center of group or at location most convenient for approaching passengers.
   2. Place hall lanterns either above or beside each hoistway entrance.
   3. Mount hall lanterns at a minimum of 72 inches above finished floor.

3.02 FIELD QUALITY CONTROL

A. Acceptance Testing: On completion of elevator installation and before permitting elevator use (either temporary or permanent), perform acceptance tests as required and recommended by ASME A17.1/CSA B44 and by governing regulations and agencies.

3.03 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to operate, adjust, and maintain elevator(s).

3.04 MAINTENANCE

A. Initial Maintenance Service: Beginning at Substantial Completion, maintenance service includes 24 months' full maintenance by skilled employees of elevator Installer. Include monthly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper elevator operation. Parts and supplies are manufacturer's authorized replacement parts and supplies.

END OF SECTION

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

PADRE DAM RECYCLED WATER STANDARD PLAN NOTES

1. ALL WORK AND INSTALLATION SHALL BE DONE IN ACCORDANCE WITH THE PADRE DAM MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS AND WATER AGENCIES' STANDARDS (W.A.S.).

   HTTP://WWW.SDWAS.ORG/

2. DRINKING WATER FOUNTAINS AND DESIGNATED OUTDOOR EATING AREAS SHALL BE PROTECTED AGAINST CONTACT WITH RECYCLED WATER SPRAY, MIST, OR RUNOFF.
3. BEST MANAGEMENT PRACTICES SHALL BE USED TO ELIMINATE OR CONTROL TO THE BEST EXTENT POSSIBLE PONDING, RUNOFF, OVER SPRAY AND MISTING.
4. HOSE BIBS ARE STRICTLY PROHIBITED.
5. CROSS-CONNECTIONS BETWEEN RECYCLED WATER LINES AND POTABLE WATER LINES ARE STRICTLY PROHIBITED.
6. NO SUBSTITUTIONS OF PIPE MATERIALS WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF PADRE DAM MUNICIPAL WATER DISTRICT.
7. ALL MAINLINE PIPES SHALL HAVE WARNING TAPE PER PADRE DAM MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
8. HOURS FOR IRRIGATION WITH RECYCLED WATER ARE FROM 10:00 P.M. TO 6:00 A.M. THE HOURS FOR IRRIGATION WITH DISINFECTED TERTIARY RECYCLED WATER MAY BE MODIFIED BY THE LOCAL AUTHORITY. IRRIGATION DURING PUBLIC USE PERIODS WITH DISINFECTED TERTIARY RECYCLED WATER SHALL BE UNDER THE SUPERVISION OF THE DESIGNATED USER SUPERVISOR. IRRIGATION WITH WATER OF A LESSER QUALITY THAN DISINFECTED TERTIARY RECYCLED WATER SHALL BE BETWEEN THE HOURS OF 10:00 P.M. AND 6:00 A.M.
9. BURIAL OF ALL WIRING AND PIPING SHALL MEET PADRE DAM MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
10. NON-DESIGNATED USE AREAS SHALL BE PROTECTED FROM CONTACT WITH RECYCLED WATER, WHETHER BY WINDBLOWN SPRAY OR BY DIRECT APPLICATION THROUGH IRRIGATION OR OTHER USE. LACK OF PROTECTION, WHETHER BY DESIGN, CONSTRUCTION PRACTICE OR SYSTEM OPERATION, IS STRICTLY PROHIBITED.
11. IRRIGATION HEADS SHALL BE RELOCATED OR ADJUSTED TO MINIMIZE OR ELIMINATE OVER-SPRAYING ON SIDEWALKS, STREETS AND NON-DESIGNATED USE AREAS.
12. "RECYCLED WATER QUICK COUPLING VALVES SHALL BE OF A TYPE DESIGNED FOR THE USE ON RECYCLED WATER DISTRIBUTION SYSTEMS", AND SHALL BE CALLED OUT ON PLANS AS SUCH, PER PADRE DAM MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
13. ON RECYCLED WATER SYSTEMS, ALL APPURTENANCES (SPRINKLER HEADS, VALVE BOXES, ETC.) SHALL BE COLOR-CODED PURPLE PER AWWA GUIDELINES AND SECTION 116815 OF THE CALIFORNIA HEALTH AND SAFETY CODE.
14. ALL IRRIGATION PIPES SHALL BE STENCILED WITH THE WARNING, "NON-POTABLE OR RECYCLED WATER," COLOR-CODED (PURPLE) AND LAID WITH WARNING TAPE AND STENCILING ORIENTED TOWARD THE TOP OF THE TRENCH PER THE PADRE DAM MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
15. ON NEW ON-SITE SYSTEMS (POST-METER), POTABLE WATER, CONSTANT PRESSURE RECYCLED WATER AND SEWER LINES SHOULD BE PLACED A MINIMUM OF FOUR FEET APART OR AS DIRECTED BY THE PROJECT ENGINEER AND/OR REGULATORY AGENCY. MEASUREMENTS SHALL BE BETWEEN FACING SURFACES, NOT PIPE CENTER LINES.
16. CONSTANT PRESSURE RECYCLED WATER LINES SHALL CROSS AT LEAST TWELVE INCHES BELOW POTABLE WATER LINES AND MAINTAIN AT LEAST TWELVE INCHES CROSSING SEPARATION BETWEEN OTHER UTILITIES.
17. IF A CONSTANT PRESSURE RECYCLED WATER LINE MUST BE INSTALLED ABOVE A POTABLE WATER LINE OR LESS THAN TWELVE INCHES BELOW A POTABLE WATER LINE, THEN THE RECYCLED WATER LINE SHALL BE INSTALLED WITHIN AN APPROVED PROTECTIVE SLEEVE AS PER THE PADRE DAM MUNICIPAL WATER DISTRICT'S RULES AND REGULATIONS.
18. DEVELOPER/CONTRACTOR SHALL CONDUCT A CROSS-CONNECTION TEST AND COVERAGE TEST AS DIRECTED BY THE PADRE DAM MUNICIPAL WATER DISTRICT AND/OR THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH PRIOR TO ANY USE OF RECYCLED WATER.
19. THE REQUIRED CROSS-CONNECTION CONTROL SHUTDOWN TEST SHALL BE MONITORED BY EITHER THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH OR STATE HEALTH.
20. THE DESIGN (W.A.S. STANDARD DRAWING WM-08) AND LOCATIONS PROPOSED FOR RECYCLED WATER "DO NOT DRINK" SIGNS SHALL BE CALLED OUT ON THE PLANS.
21. WHEN RECYCLED WATER BECOMES AVAILABLE, AN ON-SITE USER SUPERVISOR SHALL BE DESIGNATED IN WRITING. THIS INDIVIDUAL SHALL BE FAMILIAR WITH PLUMBING SYSTEMS WITHIN THE PROPERTY, WITH THE BASIC CONCEPTS OF BACKFLOW/CROSS-CONNECTION PROTECTION, THE RECYCLED PURVEYOR'S RULES AND REGULATIONS AND THE SPECIFIC REQUIREMENTS OF A RECYCLED WATER SYSTEM. COPIES OF THE DESIGNATION, WITH CONTACT PHONE NUMBERS SHALL BE PROVIDED TO THE PADRE DAM MUNICIPAL WATER DISTRICT AND/OR THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH.

    IN CASE OF EMERGENCY CONTACT:
    STEVEN MILLER (NAME) AT (619) 258-4100 EXT 176 (PHONE)

    OR AFTER HOURS CONTACT:
    CITY OF SANTEE DUTY LINE (NAME) AT (619) 926-1298 (PHONE)

22. 22. ALL PUBLIC AND PRIVATE POTABLE WATER MAINS INCLUDING FIRE MAINS AND ANY WATER WELLS AND WATER COURSES WITHIN THE RECYCLED WATER PROJECT SHALL BE SHOWN ON THE PLANS.
23. CALL OUT ON THE PLANS IF THERE ARE OR ARE NOT DRINKING FOUNTAINS AND/OR DESIGNATED OUTDOOR EATING AREAS ON THIS SITE.
24. EDUCATE ALL MAINTENANCE PERSONNEL ON A CONTINUOUS BASIS OF THE PRESENCE OF RECYCLED WATER. PERSONNEL MUST BE INFORMED THAT RECYCLED WATER IS MEANT FOR IRRIGATION PURPOSES ONLY, AND IS NOT APPROVED FOR DRINKING PURPOSES, HAND WASHING, CLEANING OF TOOLS, ETC. GIVEN THE HIGH TURNOVER RATE OF EMPLOYEES IN THE LANDSCAPE INDUSTRY IT IS IMPORTANT THIS INFORMATION BE DISSEMINATED ON AN ALMOST DAILY BASIS.
25. A PHYSICAL SEPARATION SHALL BE PROVIDED BETWEEN ADJACENT AREAS IRRIGATED WITH RECYCLED WATER AND POTABLE WATER.
26. THERE SHALL BE NO DIRECT (PIPE-TO-PIPE) DRAINAGE OF RECYCLED WATER INTO THE STORM DRAINS.
27. ABSOLUTELY MINIMIZE BY BEST MANAGEMENT PRACTICES RECYCLED WATER RUNOFF TO STORM DRAINS.
28. DESIGN OF BROW DITCHES AND CATCH BASINS SHALL ABSOLUTELY MINIMIZE RECYCLED WATER RUNOFF INTO STORM DRAINS.
29. ALL RECYCLED WATER SPRINKLER CONTROL VALVES SHALL BE TAGGED WITH IDENTIFICATION TAGS. TAGS SHALL BE WEATHERPROOF PLASTIC 3" X 4", PURPLE IN COLOR, WITH WORDS "WARNING RECYCLED WATER - DO NOT DRINK" IMPRINTED ON ONE SIDE, AND "AVISO - AGUA IMPURA - NO TOMAR" ON THE OTHER SIDE. IMPRINTING SHALL BE PERMANENT AND BLACK IN COLOR.
    ONE TAG SHALL BE ATTACHED TO EACH VALVE AS FOLLOWS:
    ATTACH TO VALVE STEM DIRECTLY OR WITH PLASTIC TIE WRAP; OR
    ATTACH TO SOLENOID WIRE DIRECTLY OR WITH PLASTIC TIE WRAP.
30. EACH BUILDING SHALL HAVE A FUNCTIONAL ISOLATION VALVE ON THE DOMESTIC WATER SYSTEM THAT IS LOCATED ABOVE GRADE LOCATED IMMEDIATELY BEFORE WATER ENTERS THE BUILDING.
31. EACH BUILDING SHALL HAVE THE WATER PRESSURE REGULATOR INSTALLED AFTER THE BUILDINGS ISOLATION VALVE ON THE DOMESTIC WATER SYSTEM.
32. ANY CHANGES TO THE WATER SOURCE, FOR THE IRRIGATION SYSTEM, OTHER THAN RECYCLED WATER, AFTER PLAN APPROVAL AND SIGNATURE, MUST BE APPROVED BY PADRE DAM MUNICIPAL WATER DISTRICT, DEPARTMENT OF ENVIRONMENTAL HEALTH AND/OR STATE DEPARTMENT OF HEALTH.
33. THE GENERAL CONTRACTOR SHALL KEEP AND MAINTAIN A SIGNED SET OF IMPROVEMENT PLANS ONSITE AT ALL TIMES FOR REVIEW BY THE DIRECTOR OF ENGINEERING AND PLANNING OR HIS REPRESENTATIVE. THE GENERAL CONTRACTOR IS REQUIRED TO UPDATE SAID PLANS WITH RECORD DRAWING INFORMATION ON A DAILY BASIS AS WORK IS PERFORMED.

SIGNAGE NOTES:

THE FOLLOWING GUIDELINES FOR THE USE OF RECYCLED WATER ARE TO BE PERMANENTLY POSTED INSIDE THE DOOR OF EACH CONTROLLER WHERE THEY ARE VISIBLE. PLACE ON 8-1/2" X 11" SIZE SIGN. COLOR: PURPLE BACKGROUND WITH BLACK LETTERING. SIGNS SHALL BE PER WM-O8 OF SDWAS.

OMISSION STATEMENT

THERE ARE NO DRINKING FOUNTAINS, DECORATIVE FOUNTAINS, COMFORT STATIONS, OUTDOOR EATING AREAS, SWIMMING POOLS, PLAYGROUND EQUIPMENT, OR WELLS ON THE SITE.

DRINKING WATER FOUNTAIN, DESIGNATED OUTDOOR EATING AREAS, POOLS, ETC.. SHALL BE PROTECTED AGAINST CONTACT WITH RECYCLED WATER SPRAY, MIST, OR RUN-OFF.

RESPONSIBILITY DISCLAIMER

ALL SCREENED FACILITIES, EXISTING OR PROPOSED, WERE OBTAINED FROM CIVIL PLAN____ (CIVIL PLAN NUMBER). ACTUAL SIZE AND LOCATION OF FACILITIES SHALL BE VERIFIED. CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES TO VERIFY TIE-IN LOCATIONS, PIPE SIZE AND TYPE PRIOR TO ANY WORK BEING PERFORMED. TO THE BEST OF OUR KNOWLEDGE THE FACILITIES EXIST OR WILL EXIST AS SHOWN. THE PADRE DAM MUNICIPAL WATER DISTRICT AND MIG (LANDSCAPE DESIGN COMPANY) SHALL NOT BE HELD RESPONSIBLE FOR ACTUAL SIZE AND LOCATION. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO ATTENTION OF THE PDMW DISTRICT ENGINEER.

COLOR CODING

SPRINKLERS, ROTORS HEADS AND OTHER TYPES OF DISPERSION HEADS SHALL HAVE THE EXPOSED SURFACE COLORED PURPLE. THE EXPOSED SURFACE SHALL BE COLORED THROUGH THE USE OF INTEGRALLY MOLDED PURPLE PLASTIC OR PERMANENTLY ATTACHED PURPLE PLASTIC RING OR DISC. ALL SHRUB HEADS SHALL HAVE PURPLE CAPS. DECAL ON RISERS WILL NOT BE ACCEPTED.

INSPECTION NOTE

PADRE DAM WATER DISTRICT INSPECTION SHALL BE NOTIFIED TEN (10) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION AT (619) 258-4638. ALL WORK PERFORMED WITHOUT BENEFIT OF INSPECTION SHALL BE SUBJECT TO REJECTION AND REMOVAL.

RECYCLED WATER REQUIREMENTS

RECYCLED WATER COLOR SCHEDULE:

- ALL EXPOSED RECYCLED WATER SPRINKLER EQUIPMENT SHALL USE PURPLE COVERED EQUIPMENT THAT IS FACTORY PAINTED OR HAS MANUFACTURER'S PURPLE IDENTIFICATION CAPS. FIELD PAINTED EQUIPMENT SHALL NOT BE ALLOWED.
- COPPER PIPE SHALL BE SEAMLESS, TYPE K. HARD DRAWN TUBING WRAPPED WITH PURPLE TAPE.
- CONTROLLERS SHALL BE CLEARLY MARKED WITH LETTER DESIGNATION AS SHOWN ON PLANS.
- ALL QUICK COUPLERS SHALL HAVE PURPLE CAPS.
- METALLIC LOCATOR/WARNING TAPE SHALL BE INSTALLED 6 INCHES ABOVE ALL CONSTANT PRESSURE RECYCLED WATER LINES. MUST BE MINIMUM 3 INCHES WIDE, COLORED PURPLE AND SILVER, AND PRINTED WITH THE MESSAGE "CAUTION RECYCLED WATER BELOW" IN MINIMUM ONE INCH HIGH BLACK LETTERS.

RECORD PLANS ("AS-BUILT")

CONTRACTOR SHALL PROVIDE RECORD PLANS TO PADRE DAM MWD. THE FOLLOWING SHALL BE DIMENSIONED FROM TWO PERMANENT POINTS OF REFERENCE (I.E. BUILDING CORNERS, SIDEWALKS, ETC..):

- POINTS OF CONNECTIONS
- GATE VALVES
- PRESSURE LINE LOCATIONS
- CONTROLLERS AND CONTROL VALVES (INCLUDING SOURCE OF POWER)
- QUICK COUPLERS
- ROUTING OF ALL DIRECT BURIAL CONTROL WIRES
- SIZE AND LOCATION OF IRRIGATION CONTROL WIRE CONDUIT.

ACCESSORIES:

THE CONTRACTOR SHALL FURNISH THE PADRE DAM MUNICIPAL WATER DISTRICT THE FOLLOWING UPON COMPLETION OF WORK:

1. TWO PLASTIC SEALED DIAGRAMMATIC PLANS OF THE IRRIGATION SYSTEM IDENTIFYING STATION NUMBERS AND THEIR RESPECTIVE IRRIGATED AREAS, COLOR CODED BY STATION.
2. TWO KEYS FOR EACH CONTROLLER ENCLOSURE
3. TWO SETS OF EQUIPMENT GUARANTEES AND OPERATION MANUALS
4. TWO QUICK COUPLER VALVE KEYS WITH HOSE SWIVEL ELLS
5. NAME OF ON-SITE USER/SUPERVISOR.

NOTE: ALL NEW IRRIGATION SYSTEM COMPONENTS ARE TO BE COLOR CODED PURPLE PER THE REQUIREMENTS OF THE PADRE DAM M.W.D AND THE COUNTY OF SAN DIEGO DEPARTMENT OF ENVIRONMENTAL HEALTH.

PADRE DAM MUNICIPAL WATER DISTRICT REQUIRED INSPECTIONS

CONTRACTOR SHALL NOTIFY PADRE DAM MUNICIPAL WATER DISTRICT TWO WORKING DAYS PRIOR TO COMMENCING WORK, TELEPHONE (619) 258-4653.

1. MAINLINE PRIOR TO BACKFILL
2. SLEEVE CLEARANCES
3. ALL RECYCLED WATER INSTALLATIONS FROM MAIN TO SPRINKLER HEADS
4. SPRINKLER COVERAGE TEST
5. CROSS CONNECTION TEST
6. SIGNAGE

COUNTY DEH REQUIREMENT INSPECTIONS (UNLESS WAIVED IN WRITING)

1. SPRINKLER COVERAGE TEST
2. CROSS CONNECTION TEST
3. CROSS CONNECTION TEST FREQUENCY FOLLOWING INITIAL TEST: EVERY FOUR (4) YEARS
4. SIGNAGE

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE LANDSCAPE ARCHITECT OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGES OVER THE DEIGN OF THIS PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO AND THE SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS THE LANDSCAPE ARCHITECT OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

FIRM NAME : MIG
FIRM ADDRESS: 360 EAST SECOND STREET, SUITE 675
LOS ANGELES, CA 90012
PHONE N0.: (213) 694-3800

BY: EVAN MATHER (LANDSCAPE ARCHITECT) DATE: 09/12/2025

REGISTRATION NO.: 4805

EXPIRATION DATE: 02/28/2026

METER INFORMATION TABLE

POC ID	POC STA.	IRRIGATED AREA (SF)	DEMAND (GPM)	ANNUAL USAGE (ACRE-FT)	LATERAL SIZE (IN)	METER SIZE (IN)
POC 1	18+07	26,953	65		2-1/2"	2" (EXISTING)
TOTAL						

GUIDELINES FOR RECYCLED WATER USE:

1. IRRIGATE BETWEEN THE HOURS OF 9:00 PM AND 6:00 AM ONLY. WATERING OUTSIDE THIS TIME FRAME MUST BE DONE MANUALLY WITH QUALIFIED SUPERVISORY PERSONNEL ON-SITE. NO SYSTEM SHALL BE AT ANY TIME BE LEFT UNATTENDED DURING USE OUTSIDE THE NORMAL SCHEDULE.
2. IRRIGATE IN A MANNER THAT WILL ELIMINATE RUN-OFF, "OVERSPRAY", POOLING, AND PONDING. THE APPLICATION RATE SHALL NOT EXCEED THE INFILTRATION RATE OF THE SOIL. TIMERS MUST BE ADJUSTED SO AS TO BE COMPATIBLE WITH THE LOWEST SOIL INFILTRATION RATE PRESENT. THIS PROCEDURE MAY BE FACILITATED BY THE EFFICIENT SCHEDULING OF THE AUTOMATIC CONTROL CLOCKS: (I.E., EMPLOYING THE REPEAT FUNCTION TO BREAK UP THE TOTAL IRRIGATION TIME INTO CYCLES THAT WILL PROMOTE MAXIMUM SOIL ABSORPTION).
3. ADJUST SPRAY HEADS TO ELIMINATE OVER SPRAY ONTO AREAS NOT UNDER THE CONTROL OF THE CUSTOMER. FOR EXAMPLE POOL DECKS, PRIVATE PATIOS AND LOTS, AND STREETS AND SIDEWALKS.
4. MONITOR AND MAINTAIN THE SYSTEM TO MINIMIZE EQUIPMENT AND MATERIAL FAILURE. BROKEN SPRINKLER HEADS, LEAKS, UNRELIABLE VALVES, ETC. SHOULD BE REPAIRED AS THEY BECOME APPARENT.
5. EDUCATE ALL MAINTENANCE PERSONNEL ON A CONTINUOUS BASIS ABOUT THE PRESENCE OF RECYCLED WATER. PERSONNEL MUST BE INFORMED THAT RECYCLED WATER IS MEANT FOR IRRIGATION PURPOSES ONLY, AND NOT APPROVED FOR DRINKING PURPOSES, HAND WASHING, CLEANING OF TOOLS, ETC. GIVEN THE HIGH TURNOVER RATE OF EMPLOYEES IN THE LANDSCAPE INDUSTRY, IT IS IMPORTANT THAT THIS INFORMATION BE DISSEMINATED ON AN ALMOST DAILY BASIS. IT IS YOU, THE LANDSCAPE CONTRACTOR, WHO IS RESPONSIBLE FOR EDUCATING EACH AND EVERY ONE OF YOUR EMPLOYEES.
6. OBTAIN PRIOR APPROVAL OF ALL PROPOSED CHANGES AND MODIFICATIONS TO ANY PRIVATE ON SITE FACILITIES. SUCH CHANGES MUST BE SUBMITTED TO AND APPROVED BY THE DISTRICT ENGINEERING OFFICE AND DESIGNED IN ACCORDANCE WITH DISTRICT STANDARDS.
7. ALL RECYCLED WATER SPRINKLER CONTROL VALVES SHALL BE TAGGED WITH IDENTIFICATION TAGS. TAGS SHALL BE WATERPROOF PLASTIC, 3" X 4", PURPLE IN COLOR WITH THE WORKS, "WARNING RECYCLED WATER-DO NOT DRINK" IMPRINTED ON ONE SIDE, AND "AVISO-AGUA IMPURA-NO TOMAR" ON THE OTHER SIDE. IMPRINTING SHALL BE PERMANENT AND BLACK IN COLOR. USE TAGS AS MANUFACTURED BY T. CHRISTY ENTERPRISES OR APPROVED EQUAL. ONE TAG SHALL BE ATTACHED TO EACH VALVE AS FOLLOWS:
   A. ATTACH TO VALVE STEM DIRECTLY OR WITH PLASTIC TIE-WRAP, OR
   B. ATTACH TO SOLENOID WIRE DIRECTLY OR WITH PLASTIC TIE-WRAP.
8. ALL SPRINKLER HEADS SHALL BE IDENTIFIED AS RECYCLED WATER SPRINKLER HEADS.
9. EACH AUTOMATIC CONTROLLER AND ITS ASSOCIATED EQUIPMENT SHALL BE IDENTIFIED WITH A SIGN BEARING THE WORKS, "RECYCLED WATER USED FOR IRRIGATION" IN ENGLISH AND SPANISH, WITH BLACK LETTERS 1" HIGH ON A PURPLE BACKGROUND. THE DESIGN SHALL BE PLACED SO THAT IT CAN BE READILY SEEN BY ANY OPERATIONS PERSONNEL UTILIZING EQUIPMENT.

SEWER & WATER AGENCY

APPROVED BY: PADRE DAM Municipal Water District

DIRECTOR OF ENGINEERING & PLANNING — DATE

C60944 (RCE NO.) 12/31/2026 (EXP)

PDMWD PROJECT/FILE NAME — PDMWD JOB NO. — SERVICE AREA

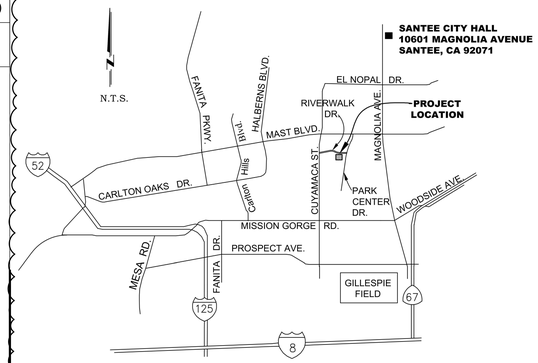
VALID FOR ONE YEAR FROM THE DATE OF SIGNATURE.
SIGNATURE OF THESE PLANS IS NOT A COMMITMENT TO SERVE. ACTUAL FIELD CONDITIONS MAY REQUIRE CHANGES TO THE WATER, SEWER, AND/OR RECYCLED WATER PLANS. THE DEVELOPER AND/OR ITS ENGINEER OF WORK SHALL BE RESPONSIBLE FOR MAKING ANY NECESSARY CHANGES AT NO ADDITIONAL COST TO THE DISTRICT.

COUNTY OF SAN DIEGO
Department of Environmental Health & Quality

NAME / TITLE — DATE

VICINITY MAP

CITY OF SANTEE



PROJECT ADDRESS

PROJECT ADDRESS: 10129 RIVERWALK DRIVE
SANTEE, CA 92071

OWNER: CITY OF SANTEE
SANTEE CITY HALL
COMMUNITY SERVICES DEPARTMENT
10601 MAGNOLIA AVENUE, BUILDING 6
SANTEE, CA 92071
PHONE (619) 258-4100 EXT. 222
FAX (619) 258-4189

SHEET INDEX

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L3.52	LANDSCAPE PLANTING DETAILS

Keynotes:

1

Notes:

ADDENDUM 1

LICENSED LANDSCAPE ARCHITECT — JOHN R. MATHER NO. 4805 — Signature 2/28/26 — Renewal Date 9/17/2025 — Date — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		9/17/25	JJL	ADDENDUM 1	1
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO. ____ EXPIRES ____	DATE ____	

REVIEWED ____
BY ____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION TITLE SHEET

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.00
SHEET ____ OF ____

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EXISTING IRRIGATION NOTES

1. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ANY EXISTING IRRIGATION SYSTEMS DIRECTLY ADJACENT AND OUTSIDE OF THE LIMIT-OF-WORK AREAS PRIOR TO THE START OF WORK. CONTRACTOR SHALL DOCUMENT ANY BROKEN OR MALFUNCTIONING PIECE OF IRRIGATION EQUIPMENT AND PROVIDE THE OWNER'S REPRESENTATIVE WITH A WRITTEN REPORT. ANY REPAIRS REQUIRED TO COMPONENTS NOT NOTED IN THE REPORT DURING OR AFTER DEMOLITION IS COMPLETED SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR AND ALL REPAIR WORK SHALL BE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING IRRIGATION SYSTEM TO REMAIN CAUSED BY EITHER THEIR OR THEIR SUB-CONTRACTORS OPERATIONS OR NEGLECT. IN CASE OF DAMAGE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING ANY REQUIRED REPAIRS AS SOON AS POSSIBLE. REPAIRS SHALL BE THE DIRECTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND SHALL BE TO THE EXACT DUPLICATE OF ORIGINAL WORK OR HIGHER QUALITY.
3. EXISTING IRRIGATION OUTSIDE OF AREAS OF WORK (IF ANY) SHALL REMAIN FULLY OPERATIONAL. NO DISRUPTION OF THE EXISTING IRRIGATION SYSTEM'S WATERING OR OPERATION SHALL BE ALLOWED DURING THE COURSE OF CONSTRUCTION. THE EXISTING IRRIGATION SYSTEM SHALL MAINTAIN AUTOMATIC PROGRAMMED WATERING SCHEDULES THROUGHOUT CONSTRUCTION AND SHALL BE SUPPLEMENTED BY MANUAL WATERING ONLY WHEN REQUIRED OR REQUESTED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.
4. PROTECT ALL EXISTING MAINLINE, CONTROL VALVES AND WIRES, AND IRRIGATION EQUIPMENT, INCLUDING BY NOT LIMITED TO PRESSURE REDUCING VALVES, MASTER VALVES, FLOW SENSORS, ETC., NECESSARY FOR THE OPERABILITY OF THE EXISTING IRRIGATION SYSTEM TO REMAIN. REMOVE EXISTING IRRIGATION EQUIPMENT ONLY WHEN REQUIRED AS PART OF NEW IRRIGATION SYSTEM INSTALLATION.
5. ANY EXISTING IRRIGATION CONTROL VALVES CONNECTED TO EXISTING CONTROLLER(S) SHALL REMAIN CONNECTED UNLESS OTHERWISE NOTED ON PLANS. CONFIRM PROPER EXISTING CONTROLLER OPERATION WITH CITY'S REPRESENTATIVE UPON COMPLETION OF WORK.
6. EXISTING EQUIPMENT MAY BE RELOCATED FROM THE AREA OF WORK IF REQUIRED IN ORDER TO MAINTAIN OPERABILITY OF THE EXISTING IRRIGATION SYSTEM DURING AND AFTER CONSTRUCTION. RELOCATE EXISTING EQUIPMENT ONLY AS REQUIRED TO REMAIN FUNCTIONAL AND AS PER CITY'S REPRESENTATIVE APPROVAL.

EXISTING UTILITIES NOTES

1. THE CONTRACTOR SHALL AT THEIR OWN EXPENSE, VERIFY THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES, STRUCTURES, AND SERVICES WHICH MAY AFFECT CONTRACTOR'S OPERATION DURING CONSTRUCTION BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES, AND SERVICES SHOWN IN THESE PLANS ARE APPROXIMATE ONLY. ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE.
2. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER AND/OR TELEPHONE, WATER, GAS, OIL, SEWER, ETC., SO AS TO SAFELY PROTECT ALL UTILITIES, PERSONNEL, AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION HEREIN.
3. WHERE IT IS NECESSARY TO EXCAVATE IN AREAS OF EXISTING UTILITIES, THE CONTRACTOR SHALL POTHOLE TO CONFIRM EXACT LOCATIONS OF EXISTING UTILITIES AFTER NOTIFICATION TO UNDERGROUND SERVICE ALERT. SEE IRRIGATION NOTE 11.
4. IN EXCAVATING AND WORKING NEAR EXISTING UTILITIES AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THE SAME.
5. IN CASE OF INTERRUPTION OF UTILITIES CAUSED BY THE CONTRACTOR'S OPERATION OR NEGLECT, THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR RECONSTRUCT DAMAGED ITEMS TO THE OWNER'S AND/OR UTILITY'S REPRESENTATIVE SATISFACTION AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL BE RESPONSIBLE TO HAVE THE UTILITIES IN SERVICE AS SOON AS POSSIBLE.

1. PRESSURE REGULATING DEVICES ARE REQUIRED IF WATER PRESSURE IS BELOW OR EXCEEDS THE RECOMMENDED PRESSURE OF THE SPECIFIED IRRIGATION DEVICES.
2. CHECK VALVES OR ANTI-DRAIN VALVES ARE REQUIRED ON ALL SPRINKLER HEADS WHERE LOW POINT DRAINAGE COULD OCCUR.

1. A DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES.
2. A CERTIFICATE OF COMPLETION SHALL BE FILLED OUT AND CERTIFIED BY EITHER THE DESIGNER OF THE LANDSCAPE PLANS, IRRIGATION PLANS, OR THE LICENSED LANDSCAPE CONTRACTOR FOR THE PROJECT.
3. AN IRRIGATION AUDIT REPORT SHALL BE COMPLETED AT THE TIME OF FINAL INSPECTION.

"I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLANS."

"I AGREE TO COMPLY WITH THE REQUIREMENTS OF THE WATER EFFICIENT LANDSCAPE ORDINANCE AND SUBMIT A COMPLETE LANDSCAPE DOCUMENTATION PACKAGE.

JOSÉ LEAL — SIGNATURE

9/17/25 — DATE

IRRIGATION NOTES

1. THE CONTRACTOR SHALL OBTAIN ANY PERTINENT CIVIL AND ELECTRICAL ENGINEERING PLANS BEFORE BEGINNING WORK.
2. ALL IRRIGATION WORK SHALL COMPLY WITH THE APPLICABLE THE LANDSCAPE STANDARDS, PADRE DAM MUNICIPAL WATER DISTRICT AND THE CITY OF SANTEE STANDARDS, AND THE PLANS AND DETAILS FOR THIS PROJECT.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE ACQUISITION OF ALL NECESSARY PERMITS ASSOCIATED WITH THE CONSTRUCTION WORK INDICATED HEREIN BEFORE BEGINNING WORK.
4. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE OF 106 PSI AND THE MINIMUM FLOW DEMAND OF 65 GPM AT THE POINT-OF-CONNECTION. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING WATER PRESSURE FOR APPROVAL BY THE CITY'S REPRESENTATIVE PRIOR TO CONSTRUCTION AND PRIOR TO ORDERING MATERIALS. CONTRACTOR SHALL REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE CITY'S REPRESENTATIVE. IN THE EVENT PRESSURE DIFFERENCES ARE NOT REPORTED PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS, AND COSTS ASSOCIATED WITH SAID REVISIONS.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH EXISTING CONDITIONS, EXISTING IRRIGATION SYSTEM TO REMAIN AND BE MODIFIED, GRADE DIFFERENCES, AND LOCATIONS OF ARCHITECTURAL FEATURES, INCLUDING BUT NOT LIMITED TO WALLS, PAVING, FENCING, ETC. CONTRACTOR SHALL COORDINATE WORK WITH ALL TRADES FOR LOCATION OF PIPE SLEEVES THROUGH WALLS, UNDER PAVING, STRUCTURES, ETC.
6. IN ADDITION TO SLEEVES SHOWN ON THE DRAWINGS THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF PIPE SLEEVING FOR ALL PIPE UNDER PAVED AREAS, HARDSCAPE, AND AS DIRECTED BY DESIGNER OF RECORD. SLEEVING SHALL BE OF ADEQUATE SIZE BUT NO LESS THAN A MINIMUM OF TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE CARRIED. SLEEVES SHALL EXTEND AT LEAST 12" PAST THE EDGE OF PAVING. REFER TO SLEEVING CHART FOR MORE INFORMATION.
7. THE CONTRACTOR IS REQUIRED TO NOTIFY AND COORDINATE LANDSCAPE IRRIGATION WORK WITH ALL APPLICABLE CONTRACTORS AND TRADES FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT, AND SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING, STRUCTURES, ETC., BEFORE CONSTRUCTION.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY AND COORDINATE AND PROVIDE THE FINAL CONNECTION OF THE CONTROLLER TO ITS DEDICATED POWER SOURCE. ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR AND SHALL CONFORM TO THE LATEST EDITION OF THE N.E.C. AND ALL STATE AND LOCAL CODES AND REGULATIONS. ALL ELECTRICAL WORK SHALL BE REQUIRED TO PASS CITY INSPECTION.
9. IRRIGATION COMPONENTS SHOWN WITHIN PAVED AREAS ARE FOR GRAPHIC CLARITY ONLY. PLACE ALL PIPING, VALVES, QUICK COUPLING VALVES, AND OTHER IRRIGATION COMPONENTS WITHIN LIMIT OF WORK BOUNDARIES AND IN SHRUB PLANTING AREAS EXCEPT WHERE PIPES CROSS PAVING OR AS NOTED. AVOID ANY CONFLICTS BETWEEN THE IRRIGATION SYSTEM AND TREES, PLANTINGS, SITE FEATURES AND UTILITIES INCLUDING STORM DRAINAGE.
10. INSTALLATION OF THE IRRIGATION SYSTEM SHALL CONFORM TO STANDARD UNIFORM BUILDING CODE. ALL LOCAL, COUNTY, AND STATE PROVISIONS AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THE WORK TO BE PERFORMED AND ARE HEREBY INCORPORATED INTO AND MADE PART OF THESE CONSTRUCTION DOCUMENTS AND SHALL BE CARRIED OUT BY THE CONTRACTOR. IN THE EVENT OF DIFFERENCES BETWEEN THE CODE COMPLIANCE REQUIREMENTS OF THIS CONTRACT, THE BETTER QUALITY, HIGHER STANDARD, LARGER SIZE, AND MORE STRINGENT REQUIREMENT SHALL PREVAIL.
11. PRIOR TO ANY TRENCHING THE CONTRACTOR SHALL ASCERTAIN THE LOCATION OF ALL NEW AND EXISTING UNDERGROUND UTILITY LINES. CALL 811 A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO THE START OF CONSTRUCTION.
12. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER TO MAINTAIN GOOD PLANT HEALTH, APPEARANCE AND REASONABLE GROWTH. THE AMOUNT OF SUPPLEMENTAL WATER A PLANT REQUIRES IS DEPENDENT ON SOIL TYPE, PLANT MATERIAL, ROOTING DEPTH, CLIMATE, SEASONAL CHANGES, SLOPES, MOUNDS, SUN, SHADE AND WIND. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST THE IRRIGATION SCHEDULE AND ET VARIABLES AS NEEDED. IN ADDITION, THE CONTRACTOR SHALL PROVIDE SUPPLEMENTAL WATER TO ACCOMMODATE SPECIAL WATERING NEEDS OF PLANT MATERIAL THROUGH THE MAINTENANCE PERIOD. ACTUAL STATION RUN TIMES MAY VARY IN ACCORDANCE WITH VARYING SITE CONDITIONS.
13. ALL HEADS ARE TO BE INSTALLED WITH THE NOZZLE AND ARCS SHOWN ON THE PLANS. ALL HEADS ARE TO BE ADJUSTED TO PREVENT OVERSPRAY ONTO BUILDINGS, STRUCTURES, WALLS, FENCES AND HARDSCAPE. THIS INCLUDES, BUT IS NOT LIMITED TO, ADJUSTMENT OF DIFFUSER PIN OR ADJUSTMENT SCREW, REPLACEMENT OF NOZZLE WITH MORE APPROPRIATE RADIUS UNITS AND THE REPLACEMENT OF NOZZLES WITH ADJUSTABLE ARC UNITS. WHEN VERTICAL OBSTRUCTIONS (POLES, STREET LIGHTS, TREES, ETC.) INTERFERE WITH THE SPRAY PATTERN OF THE SPRINKLER HEADS PREVENTING PROPER COVERAGE, THE CONTRACTOR SHALL FIELD ADJUST THE SPRINKLER SYSTEM BY INSTALLING A QUARTER CIRCLE OR HALF CIRCLE SPRINKLER HEAD ON EACH SIDE OF THE OBSTRUCTION SO AS TO PROVIDE PROPER COVERAGE ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST. NO EXTRA PAYMENT WILL BE MADE WHERE PIPING MUST BE OFFSET TO AVOID EXISTING CONDITIONS, OTHER WORK OR WHERE CHANGES ARE NECESSARY TO FACILITATE INSTALLATION.
14. CONTRACTOR SHALL ADJUST THE PLACEMENT OF THE DRIPLINE LAYOUT AS PER ACTUAL FIELD CONDITIONS TO ACHIEVE FULL COVERAGE OF ALL PLANTED AREAS. THE CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING ADDITIONAL DRIPLINE, AS NEEDED, TO PROVIDE ADEQUATE COVERAGE, AT NO ADDITIONAL COST. REFER TO IRRIGATION EQUIPMENT LEGEND FOR MAXIMUM ALLOWED VERTICAL DRIPLINE SPACING.
15. IRRIGATION SYSTEM SHALL BE OPERATIONAL & COVERAGE APPROVED BY THE DESIGNER OF RECORD PRIOR TO INSTALLATION OF PLANTING MATERIAL.
16. THE CONTRACTOR SHALL ADJUST THE PRESSURE REGULATOR ON EACH REMOTE CONTROL VALVE SO THAT THE DRIP SYSTEM FARTHEST AND HIGHEST IN ELEVATION FROM ITS RESPECTIVE CONTROL VALVE OPERATES WITHIN THE OPERATING PRESSURE SHOWN ON THE IRRIGATION LEGEND.
17. THE CONTRACTOR SHALL FLUSH ALL EMISSION EQUIPMENT FOR OPTIMUM PERFORMANCE TO PROVIDE OPTIMAL EVEN DISTRIBUTION OF WATER, AND TO PROVIDE PROPER COVERAGE.
18. DRIPLINE EMITTER FLOW RATE, EMITTER SPACING AND LATERAL SPACING IS BASED ON TYPICAL SOILS ENCOUNTERED IN THE AREA. THE CONTRACTOR SHALL MAKE ANY MODIFICATION TO EMITTER FLOW RATE, EMITTER SPACING, AND LATERAL SPACING AS REQUIRED TO COMPLY WITH MANUFACTURER'S RECOMMENDATIONS FOR AN EVEN WETTED PATTERN, BASED ON ACTUAL SOIL ANALYSIS. REFER TO DRIPLINE MANUFACTURER RECOMMENDATIONS FOR ADDITIONAL INFORMATION. FINAL EMITTER SPACING AND FLOW RATE TO BE APPROVED BY THE DESIGNER OF RECORD.
19. DRAINAGE OF IRRIGATION WATER THROUGH DRIP EMITTERS WILL NOT BE ALLOWED. DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL INSTALL ADDITIONAL IN-LINE CHECK VALVES AS REQUIRED IN ANY AREA WHERE EMISSION DEVICES SHOW SIGNS OF DRAINAGE AFTER IRRIGATION SYSTEM HAS OPERATED FROM AN ON TO OFF POSITION. INSTALLATION OF ADDITIONAL IN-LINE CHECK VALVES SHALL BE INCLUDED IN THE BID PRICE WITHOUT ADDITIONAL COST.
20. CONTRACTOR SHALL ADJUST THE DRIPLINE LAYOUT, WHEN PLANTER SLOPE IS GREATER THAN 5 PERCENT,TO PROVIDE LATERAL ROW SPACING THAT IS 25 PERCENT GREATER WITHIN THE BOTTOM ONE-THIRD OF THE SLOPE.
21. LOCATIONS AND THE QUANTITIES OF FLUSH VALVES SHOWN ON PLANS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR INSTALLING ADDITIONAL FLUSH VALVES, AS NEEDED, ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
22. ALL VALVES PROVIDING IRRIGATION TO SLOPED AREAS SHALL BE SCHEDULED IN MULTIPLE, SHORT CYCLES TO HELP ELIMINATE IRRIGATION WATER RUNOFF.
23. SHOULD FIELD CONDITIONS REQUIRE PIPE INSTALLATION OTHER THAN THAT SHOWN ON THE PLANS, THE CONTRACTOR SHALL LIMIT EXCESS FLOW AND SIZE ALL PIPE NOT TO EXCEED A VELOCITY OF 5-FEET PER SECOND (FPS) IN PVC PIPE. PIPE THROUGH ANCILLARY EQUIPMENT, BRASS AND COPPER PIPE SHALL NOT EXCEED A VELOCITY OF 7-1/2 FPS. ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST.
24. MAINLINE PIPE SIZE DOWNSTREAM OF LAST PIPE SIZE INDICATED TO BE THE SAME AS INLET OF PRODUCT IT SUPPLIES, BUT NOT LESS THAN 1-INCH. LATERAL PIPE SIZES DOWNSTREAM OF LAST PIPE SIZE CALL OUT SHALL BE SAME AS THE LAST PIPE SIZE CALLED OUT, BUT NO LESS THAN 3/4-INCH.
25. ALL IRRIGATION EQUIPMENT SHALL BE AS LISTED OR EQUAL AS APPROVED BY THE DESIGNER OF RECORD.
26. SEE IRRIGATION DETAILS, TECHNICAL SPECIFICATIONS AND PLANTING PLANS AS PART OF THESE CONSTRUCTION DOCUMENTS.
27. ALL TRENCHING SHALL COMPLY WITH TREE PRESERVATION REQUIREMENTS. SEE PLANTING PLANS FOR ADDITIONAL INFORMATION.
28. CONTRACTOR SHALL FURNISH LAMINATED, COLORED LANDSCAPE IRRIGATION CONTROLLER CHARTS IN 11 X 17 SIZE SHEETS WITH ALL AS-BUILT INFORMATION SHOWN. DIGITAL COPIES SHALL BE PROVIDE TO THE CITY.

Keynotes:

Notes:

LICENSED LANDSCAPE ARCHITECT — JEAN R. MATHER NO 5761 — Signature 2/28/26 — Renewal Date 9/17/2025 — Date — STATE OF CALIFORNIA

ADDENDUM 1

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		9/17/25	JJL	ADDENDUM 1	1
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED

BY — PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION NOTES

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.01

SHEET OF

Please Recycle

LANDSCAPE IRRIGATION DEMOLITION PLAN LEGEND

SYMBOL	DESCRIPTION	REMARKS
	EXISTING MASTER VALVE	REMOVE EXISTING MASTER VALVE AND EXISTING VALVE BOX. REPLACE WITH WATTS VALVE MODEL C815-4SA-EC-NO-F. 3-INCH SIZE. INSTALL PER DETAIL 1 ON SHEET L2.54.
	EXISTING FLOW METER	REMOVE EXISTING FLOW METER AND EXISTING VALVE BOX. REPLACE WITH CALSENSE 1-1/2-INCH SCH 80 PVC TEE-MOUNTED ULTRASONIC FLOW METER MODEL FM 1.5U AS PROVIDED WITH CONTROLLER.INSTALL PER DETAIL 1 ON SHEET L2.54
	EXISTING IRRIGATION MAINLINE ISOLATION GATE VALVE	REMOVE VALVE ALONG WITH VALVE BOX. REPLACE AS NOTED ON PLAN.
	EXISTING QUICK COUPLING VALVE	REMOVE VALVE ALONG WITH VALVE BOX. DISPOSE OF PROPERLY.
	EXISTING REMOTE CONTROL VALVE	REMOVE VALVE ALONG WITH VALVE BOX. DISPOSE OF PROPERLY.
	EXISTING POP-UP ROTOR HEAD	REMOVE EXISTING POP-UP ROTOR HEAD ALONG WITH SWING JOINT AND ASSOCIATED LATERAL PIPE. DISPOSE OF PROPERLY.
	EXISTING POP-UP SPRAY HEAD	REMOVE EXISTING POP-UP SPRAY HEAD ALONG WITH SWING JOINT AND ASSOCIATED LATERAL PIPE. DISPOSE OF PROPERLY.
	EXISTING PVC PRESSURE MAINLINE PIPE	REMOVE AND DISPOSE OF PROPERLY.
FSC	EXISTING FLOW SENSOR CABLE WITHIN PVC CONDUIT PIPE	REMOVE AND DISPOSE OF PROPERLY.
	EXISTING PVC NON-PRESSURE LATERAL PIPE	REMOVE AND DISPOSE OF PROPERLY.
	EXISTING IRRIGATION MAINLINE ISOLATION GATE VALVE	PROTECT IN PLACE.
	EXISTING QUICK COUPLING VALVE	PROTECT IN PLACE.
	EXISTING REMOTE CONTROL VALVE	PROTECT IN PLACE.
12	EXISTING POP-UP ROTOR HEAD	PROTECT IN PLACE.
	EXISTING POP-UP SPRAY HEAD	PROTECT IN PLACE.
	EXISTING PVC PRESSURE MAINLINE PIPE	PROTECT IN PLACE.
FSC	EXISTING FLOW SENSOR CABLE WITHIN PVC CONDUIT PIPE	PROTECT IN PLACE.
	EXISTING PVC NON-PRESSURE LATERAL PIPE	PROTECT IN PLACE.
RWS	EXISTING RECYCLED WATER WARNING SIGN	PROTECT IN PLACE.

HYDROZONE CHART/ HYDROZONE TOTALS

CONTROLLER HYDROZONE CHART

Location: Santee, CA	Point-of-Connection: EX.	Controller No.: F
Project Name: Santee Comm. Center		Meter Size: 2"
Water Source: Recycled		Static Water pressure @ POC: 106
Address: N. Glendora Ave.		Maximum Peak Demand: 65 GPM

Valve Station No.	Hydrozone Number*	Irrigation Method	GPM	Precip. Rate (IN/HR)	Hydrozone Area	% of Total Landscape
F1	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F2	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F3	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F4	ZONE 1	ROOT WATERING SYSTEM	8.0	4.01	192	0.71%
F5	ZONE 1	ROOT WATERING SYSTEM	4.0	4.01	96	0.36%
F6	ZONE 2	SUBSURFACE DRIP	14.4	0.98	1,412	5.24%
F7	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F8	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F9	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F10	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F11	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F12	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F13	ZONE 1	ROOT WATERING SYSTEM	12.0	4.01	288	1.07%
F14	ZONE 2	SUBSURFACE DRIP	17.0	0.98	1,669	6.19%
F15	ZONE 2	SUBSURFACE DRIP	6.2	0.98	614	2.28%
F16	ZONE 4	STREAM ROTOR	11.1	0.48	2,207	8.19%
F17	ZONE 4	STREAM ROTOR	12.0	0.56	2,069	7.68%
F18	ZONE 3	SUBSURFACE DRIP	1.9	0.98	182	0.68%
F19	ZONE 3	SUBSURFACE DRIP	10.0	0.98	986	3.66%
F20	ZONE 2	SUBSURFACE DRIP	2.8	0.98	277	1.03%
F21	ZONE 1	ROOT WATERING SYSTEM	3.0	4.01	72	0.27%
F22	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F23	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F24	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F25	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F26	ZONE 0	EXISTING	N/A	N/A	N/A	N/A
F27	ZONE 2	SUBSURFACE DRIP	16.6	0.98	1,632	6.05%
F28	ZONE 2	SUBSURFACE DRIP	9.7	0.98	955	3.54%
F29	ZONE 2	SUBSURFACE DRIP	32.4	0.98	3,190	11.84%
F30	ZONE 1	ROOT WATERING SYSTEM	3.0	4.01	72	0.27%
F31	ZONE 2	SUBSURFACE DRIP	5.0	0.98	488	1.81%
F32	ZONE 3	SUBSURFACE DRIP	5.9	0.98	576	2.14%
F33	ZONE 2	SUBSURFACE DRIP	36.3	0.98	3,570	13.25%
F34	ZONE 2	SUBSURFACE DRIP	13.9	0.98	1,371	5.09%
F35	ZONE 2	SUBSURFACE DRIP	30.4	0.98	2,991	11.10%
F36	ZONE 2	SUBSURFACE DRIP	9.3	0.98	918	3.41%
F37	ZONE 2	SUBSURFACE DRIP	11.4	0.98	1,126	4.18%
* Refer to Hydrozone Key below.			TOTAL		26,953	100%

HYDROZONE TOTALS

Hydrozone Number	Hydrozone Key	Total Square Feet	% of Landscape Area
ZONE 0	EXISTING LANDSCAPING	0	N/A
ZONE 1	MODERATE WATER-USE TREE BUBBLERS	720	2.67%
ZONE 2	LOW WATER USE SHRUB/GC SUBSURFACE DRIP	20,213	74.99%
ZONE 3	MODERATE WATER USE SHRUB/GC SUBSURFACE DRIP	1,744	6.47%
ZONE 4	LOW WATER USE SHRUB/GC STREAM ROTOR	4,276	15.86%
	TOTAL:	26,953	100%

LANDSCAPE IRRIGATION EQUIPMENT LEGEND

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	REMARKS	DETAIL
F	CALSENSE	CS3-S -UPGRADE (SN:32266)/ CS3-8STA -KIT(2)/ CS3-GR -BUNDLE-2/ DOME -COVER-1	CONTROLLER 'F': 48 STATION CONTROLLER TO BE INSTALLED IN EXISTING FLIP TOP ENCLOSURE	REMOVE EXISTING 48 STATION (25 STATIONS UTILIZED) CALSENSE ET2000 CONTROLLER (SN:32266) AND RETURN TO CITY AND INSTALL CONTROLLER INTO EXISTING FLIP TOP ENCLOSURE. EXISTING POWER SUPPLY SHALL BE PROTECTED AND REUSED. REMOTE CONTROL VALVES WIRES (USED AND SPARES) SHALL BE PROTECTED AND RECONNECTED TO CONTROLLER. CONTRACTOR TO UTILIZE SPARE WIRES TO CONNECT TO NEW RCV'S OR SHALL CONNECT NEW WIRES TO CONTROLLER AND RUN WIRES OUT TO RCV LOCATIONS AS REQUIRED. CONTROLLER 'F' AND CONTROLLER 'Y' SHALL BE CONNECTED TO EACH OTHER VIA INSTALLATION OF A CONDUIT AND COMMUNICATION WIRE TO ALLOW FOR BOTH CONTROLLERS TO SHARE THE MASTER VALVE AND FLOW METER.	N/A
Y	CALSENSE	CS3-S -UPGRADE (SN:35889)/ CS3-SSE -ASSE,	CONTROLLER 'Y': 48 STATION CONTROLLER IN FLIP TOP ENCLOSURE TO REPLACE EXISTING CALSENSE CONTROLLER	REMOVE EXISTING YMCA 40 STATION (35 STATIONS UTILIZED) CALSENSE ET2000 CONTROLLER (SN:35889) WITH ENCLOSURE AND RETURN TO CITY. RETROFIT WITH CONTROLLER WITH NEW ENCLOSURE. EXISTING POWER SUPPLY SHALL BE PROTECTED AND REUSED. REMOTE CONTROL VALVES WIRES (USED AND SPARES) SHALL BE PROTECTED AND RECONNECTED TO CONTROLLER. REFER TO REMARK ABOVE FOR CONNECTION TO CONTROLLER 'F' TO SHARE SAME MASTER VALVE AND FLOW SENSOR	5-6/L2.53
	NIBCO	F-619-RWS-SON	MAINLINE ISOLATION GATE VALVE (4-INCH AND LARGER)	MAINLINE SIZE. DUCTILE IRON, RESILIENT WEDGE, FLANGED ENDS GATE VALVE	-
	CHEMTROL	TRU-BLOC	MAINLINE ISOLATION BALL VALVE (3-INCH AND SMALLER)	MAINLINE SIZE. SCH. 80 PVC BALL VALVE WITH NPT THREADED ENDS.	5/L2.51
	WEATHER-MATIC	7645-QCVLNP	QUICK COUPLING VALVE	1-INCH SIZE. ACME THREADED WITH PURPLE RUBBER LOCK COVER. SUPPLY WITH (2) VALVE KEYS (MODEL #7641-QCVKEY) AND MATCHING HOSE SWIVELS (MODEL #8812-ELL). INSTALL WITH HARCO QUICK COUPLER ANTI-ROTATION ANCHOR. LOCATE QCV AS SHOWN ON PLANS.	7/L2.51
NOT SHOWN	MATCO - NORCA	770G SERIES	REMOTE CONTROL VALVE ISOLATION BALL VALVE (2" AND SMALLER)	MANIFOLD SIZE. SCH. 80 PVC BODY BALL VALVE WITH NPT THREADED ENDS. BALL VALVES SHALL BE USED ONLY ON MANIFOLD SUB-MAINLINES OR AT EACH SINGLE RCV.	6/L2.51
NOT SHOWN	3M	-	MOISTURE RESISTANT WIRE SPLICE KITS	USE 3M DRY-SPLICE DS100 CONNECTION WITH DS300 PERMANENT SEALANT OR 3M 3570G EPOXY AT ALL SPLICES.	-
NOT SHOWN	-	-	PULL/ SPLICE BOXES	LOCATE PULL/ SPLICE BOXES AT LOCATIONS INDICATED ON PLANS, AND AS DIRECTED BY OWNER'S REPRESENTATIVE. ALL WIRING SHALL BE INSTALLED IN GRAY SCH. 40 PVC CONDUIT W/ SWEEPS.	8/L2.51
	RAIN BIRD	EFB-CP-PRS-D	REMOTE CONTROL VALVE (RCV)	SIZE PER PLAN. BRASS. INSTALL WITH PRS-DIAL ON VALVES WITH FLOWS GREATER THAN # GPM AND WITH AN UPSTREAM INLET PRESSURE GREATER THAN 60 PSI. SET MODULE PSI AS REQUIRED IN THE FIELD TO PROVIDE OPTIMUM DISTRIBUTION PERFORMANCE AND AS RECOMMENDED BY MFG'R. INSTALL WITHIN VALVE MANIFOLD WHEN GROUPED WITH OTHER VALVES. SIZE	8/L2,52 3,4/L2.51
	RAIN BIRD	REFER TO REMARKS	DRIP REMOTE CONTROL VALVE ASSEMBLY (DRCV)	SIZE PER PLAN. USE RAIN BIRD MODEL #XCZ-100-PRBR FOR DRIP ZONES WITH FLOW RATES LESS THAN 20 GPM: USE RAIN BIRD MODEL #XCZ-150-LCDR FOR VALVES WITH FLOW RATES GREATER THAN 20 GPM AND UP TO 40 GPM	3/L,2,52 3,4/L2.51
	RW PIPE		RECYCLED WATER IRRIGATION PRESSURE MAINLINE PIPE	AS NOTED ON PLANS OR AS REQUIRED TO MATCH EX. USE PURPLE CLASS 200 PVC GASKET JOINT PIPE FOR 4-INCH AND LARGER MAINLINE; USE PURPLE CLASS 315 PVC FOR MAINLINE PIPE 2-INCH THRU 3-INCHES IN SIZE; USE PURPLE SCH. 40 PVC FOR MAINLINE PIPE 1-1/2-INCH AND SMALLER. INSTALL WITH COPPER TRACE WIRE PER SPECS. MAINLINE 2-1/2" AND LARGER SHALL BE INSTALLED WITH THRUST BLOCKS. GASKET JOINT PIPE SHALL BE INSTALLED WITH MECHANICAL JOINT RESTRAINTS.	1,2/L2.51 2,3/L2.54
	RW PIPE		RECYCLED WATER IRRIGATION NON-PRESSURE LATERAL PIPE	SIZE PER PLAN; PURPLE SCH. 40 PVC. SOLVENT WELD.	
	RW PIPE		RECYCLED WATER IRRIGATION PIPE/ CONTROL WIRES/ SENSOR WIRE/ SLEEVE	PURPLE SCH. 40 PVC. QUANTITIES SHOWN ON PLANS ARE FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL PROVIDE SIZE AND QUANTITY AS REQUIRED. REFER TO PIPE/WIRE SLEEVING CHART FOR MORE INFORMATION. SLEEVES SHALL BE USED WHENEVER PIPE AND WIRES CROSS UNDER PAVING, HARDSCAPE, ETC., AND AS DIRECTED BY THE CITY.	
NOT SHOWN	N/A	N/A	THRUST BLOCK	TO BE INSTALLED ON MAINLINE 2-1/2" AND 3" IN SIZE.	2/L2.54
NOT SHOWN	VALCON	5000 SERIES	ANTI-DRAIN VALVE	USED ON ALL SPRINKLERS WITH LOW HEAD DRAINAGE UNCONTROLLABLE BY FACTORY INTEGRAL SPRINKLER HEAD CHECK VALVE.	-
	RW PIPE		RECYCLED WATER PRESSURE MAINLINE	6" SIZE (FIELD VERIFY). PURPLE PVC CLASS 200 IPS PLASTIC RUBBER O-RING GASKETED PIPE. ALL FITTINGS SHALL BE DUCTILE IRON UTILIZING MECHANICAL JOINT RESTRAINTS.	1,2/L2.51 3/L2.54
	PW PIPE		POTABLE WATER MAINLINE	4" SIZE (FIELD VERIFY). BLUE PVC CLASS 200 IPS PVC CLASS 200 IPS PLASTIC RUBBER O-RING GASKETED PIPE. ALL FITTINGS SHALL BE DUCTILE IRON UTILIZING MECHANICAL JOINT RESTRAINTS.	1,2/L2.51 3/L2.54
	PW PIPE		FLOW SENSOR CABLE	INSTALL CABLE (MATCH EXISTING) WITHIN PVC SCHEDULE 40 GRAY CONDUIT PIPE FROM FLOW SENSOR TO CONTROLLER. CONDUIT SIZE TO BE 1". INSTALL PULL BOXES NO FURTHER THAN 200' O.C.	1,2/L2.51
RWS	-	-	RECYCLED WATER WARNING SIGN	INSTALL PER DETAIL AND AS REQUIRED BY LOCAL JURISDICTIONS.	WM-08/ L2.54

LANDSCAPE IRRIGATION TREE BUBBLER EQUIPMENT

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	OPER. PSI	FLOW (GPM)	REMARKS	DETAIL
	RAIN BIRD	RWS-36-GRATE-P-B-C-1401/1401	ROOT WATERING SYSTEMS WITH PURPLE RECYCLED WATER GRATE (@ 24" AND 36" BOX TREES)	30	0.25	INSTALL (2) ROOT ZONE WATERING TUBES IN ADDITION TO (2) ON-GRADE BUBBLERS. TOTAL FLOW PER TREE: 1.0 GPM	3,4/L2.53

LANDSCAPE SUBSURFACE IRRIGATION EQUIPMENT

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	OPER. PSI	EMITTER FLOW (GPH)	MAX. ALLOWED HOZIN. SPACING	BURIAL DEPTH	DETAIL
	TORO	RGP 2-##-10-E	TYPICAL LANDSCAPE AREAS: PURPLE INLINE EMITTER DRIP LINE WITH TREFLAN TECHNOLOGY ROOT INTRUSION PROTECTION, AND CHECK VALVE. 12" EMITTER SPACING. GALV. STAKES 3' O.C.	30	0.53	12-INCHES	6-INCHES	4,5,6,7/ L2.52
			BIOINFILTRATION AREAS: PURPLE INLINE EMITTER DRIP LINE WITH TREFLAN TECHNOLOTY ROOT INTRUSION PROTECTION, AND CHECK VALVE. 12" EMITTER SPACING. GALV. STAKES 3' O.C.		1.00	12-INCHES	ON-SURFACE	

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION	REMARKS	DETAIL
①	RAIN BIRD	OPERIND	DRIP SYSTEM OPERATION INDICATOR KIT	INSTALL AT APPROXIMATE LOCATIONS SHOWN ON PLAN. PROVIDE WITH NON-POTABLE CAP	2/L2.52
Ⓐ	TORO	YD-500-34	AIR RELIEF VALVE	1/2" SIZE. INSTALL AT HIGH POINT(S) OF EACH ZONE.	-
Ⓕ	NIBCO	4660-S	MANUAL FLUSH BALL VALVE	1/2" SIZE. PLUMB TO PVC EXHAUST HEADER. HEADER SIZE TO MATH SUPPLY HEADER SIZE. REFER TO PLAN. REFER TO GENERAL IRRIGATION NOTES FOR ADDITIONAL INFORMATION.	1/L2.52

OVERHEAD IRRIGATION EQUIPMENT - FIXED ARC SPRAY

SYMBOL	MFG'R (OR APPROVED EQUAL)	MODEL # (OR APPROVED EQUAL)	DESCRIPTION/REMARK	NOZ.	OP. PSI	RAD.	90°	120°	180°	240°	270°	360°	DETAIL
10Ⓖ 10Ⓗ 10Ⓕ	RAIN BIRD	RD06-S-P-30-F-NP-#	PLASTIC POP-UP WITH 30 PSI REGULATED BODY.FACTORY INSTALLED DRAIN CHECK VALVE. FLOW-SHIELD, NON-POTABLE COVER AND FIXED SPRAY ARC NOZZLES.	10#	30	7.5' - 10'	0.39		0.79			1.58	1/L2.53
15Ⓖ 15Ⓗ 15Ⓕ	RAIN BIRD	RD06-S-P-30-F-NP-#	INSTALL 6" POP- UP HEIGHT MODELS (RD06) AT TURF AREAS ONLY. ALL OTHER AREAS SHALL UTILIZE 12" POP-UP HEIGHT MODELS (RD12) UNLESS OTHERWISE NOTED ON THE PLANS	15#	30	11.25' - 15'	0.92		1.85			3.70	

MULTI-STREAM ROTATOR LEGEND

SYMBOL	MFG'R (OR EQUAL)	MODEL NO. (OR EQUAL)	NOZZLES	OP. PSI	RADIUS	FLOW 90°	FLOW 180°	FLOW 210°	FLOW 270°	FLOW 360°	DETAIL
1K	HUNTER	PROS-06-PRS40-CV	MP1000	40	11'-14'	0.19	0.37	0.43	0.57	0.75	
2K	HUNTER	PROS-06-PRS40-CV	MP2000	40	14'-19'	0.40	0.74	0.86	1.10	1.47	1/L2.53
3K	HUNTER	PROS-06-PRS40-CV	MP3000	40	23'-30'	0.86	1.82	2.12	2.73	3.64	

MAXIMUM NUMBER OF WIRES TO BE INSTALLED WITHIN SLEEVING OR CONDUIT (FOR REFERENCE ONLY)

WIRE SIZE	CONDUIT / SLEEVE SIZE 1.25"	1.5"	2"	2.5"	3"	4"	6"
	MAXIMUM AMOUNT OF WIRES ALLOWED						
14	1 - 18	25	40	56	88	120	120+
12	1 - 15	20	33	50	75	102	102+
10	1 -13	16	27	40	63	85	85+

CONDUIT/PIPE SLEEVE SIZING CHART (FOR REFERENCE USE ONLY)

SCHEDULE 40 PVC PIPE SLEEVE SIZE	MAX. IRRIGATION PIPE/ WIRE CONDUIT SIZE
1-1/2 - INCHES	1/2 - INCH
2 - INCHES	3/4 - INCH
2-1/2 - INCHES	1 - INCH
3 - INCHES	1-1/4 - INCHES
4 - INCHES	1-1/2 TO 2 - INCHES
SPARE SLEEVE SIZE TO MATCH SIZE OF LARGEST SLEEVE AT SAME LOCATION.	

PIPE SIZING CHART SCH. 40 IPS U.S. PVC PLASTIC PIPE (FOR REFERENCE USE ONLY)

PIPE SIZE	MAXIMUM GALLONS PER MINUTE
3/4 -INCH	6
1 - INCH	12
1-1/4 - INCHES	22
1-1/2 - INCHES	30
2 - INCHES	50
2-1/2 - INCHES	70
3 - INCHES	110

PIPE SIZING CHART CLASS 315 IPS U.S. PVC PLASTIC PIPE (FOR REFERENCE USE ONLY)

PIPE SIZE	MAXIMUM GALLONS PER MINUTE
2 - INCHES	48
2-1/2 - INCHES	70
3 - INCHES	100

Keynotes:

Notes:

ADDENDUM 1

LICENSED LANDSCAPE ARCHITECT JEFFREY R. MATHER NO. 6064 STATE OF CALIFORNIA
Signature 2/28/26
Renewal Date 9/17/2025
Date

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		9/17/25	JJL	ADDENDUM 1	1
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: N/A	J. LEAL	J. LEAL	E. MATHER
VERT: N/A	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION LEGEND

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.02

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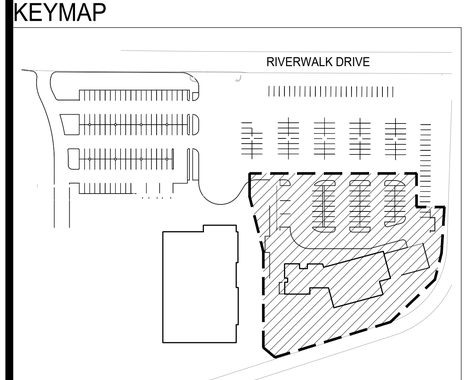
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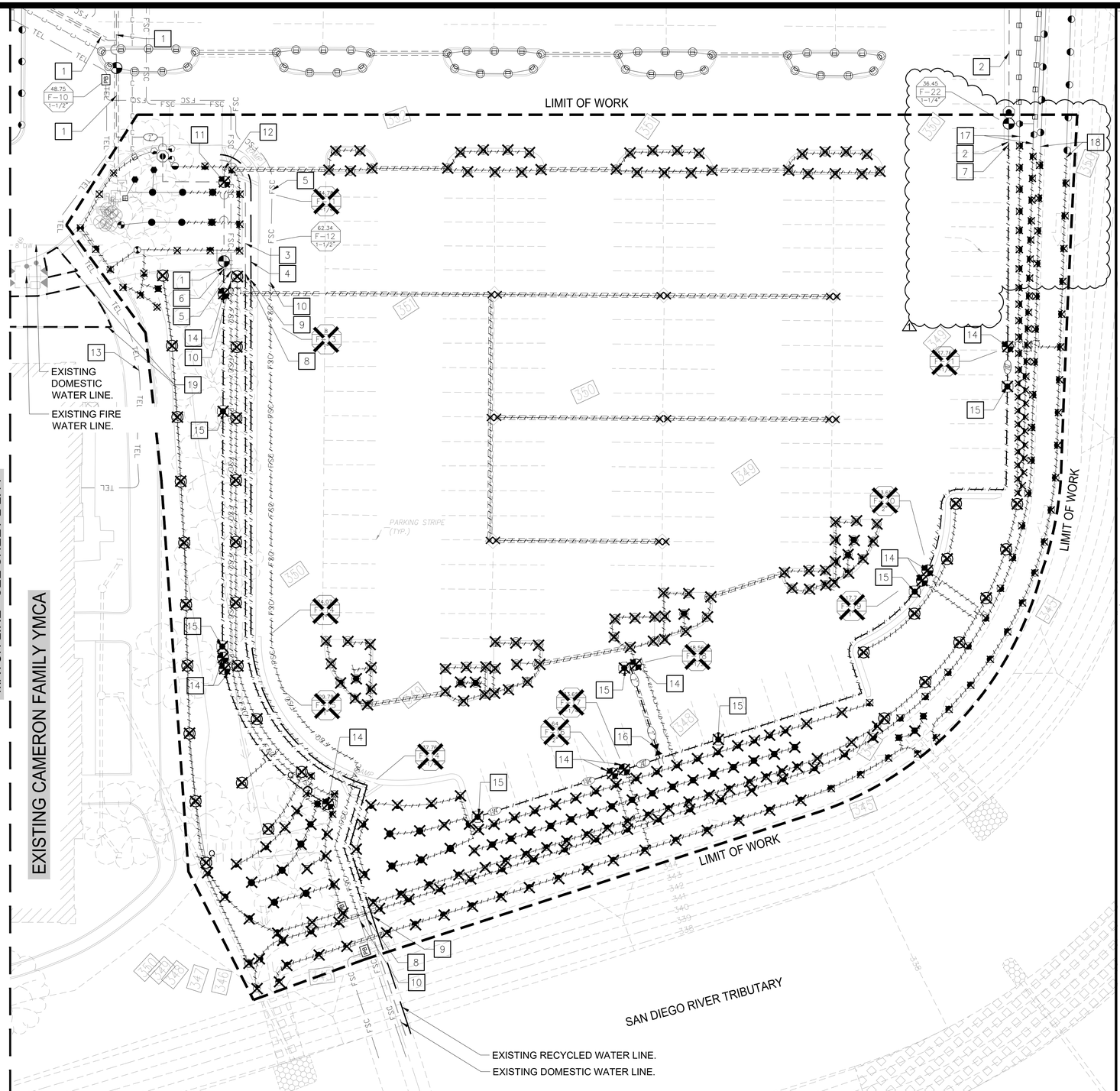
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DEMOLITION PLAN KEY NOTES (KEY NOTES APPLY TO THIS SHEET ONLY):

1. APPROXIMATE LOCATION OF EXISTING 2-INCH RECYCLED WATER IRRIGATION MAINLINE TO REMAIN. PROTECT IN PLACE. REFER TO IRRIGATION DEMOLITION PLAN SHEET L2.11 FOR EXISTING MAINLINE CONTINUATION. PRIOR TO MODIFYING MAINLINE, CONTRACTOR SHALL VERIFY AND CONFIRM ROUTING AND EXTENT OF LANDSCAPE AREAS SERVICED BY THE EXISTING MAINLINE.
2. APPROXIMATE LOCATION OF EXISTING 2-1/2-INCH RECYCLED WATER IRRIGATION MAINLINE TO REMAIN. PROTECT IN PLACE. REFER TO IRRIGATION DEMOLITION PLAN SHEET L2.11 FOR EXISTING MAINLINE CONTINUATION. PRIOR TO MODIFYING MAINLINE, CONTRACTOR SHALL VERIFY AND CONFIRM ROUTING AND EXTENT OF LANDSCAPE AREAS SERVICED BY THE EXISTING MAINLINE.
3. APPROXIMATE LOCATION OF EXISTING 6-INCH RECYCLED WATER IRRIGATION MAINLINE TO REMAIN. PROTECT IN PLACE. PRIOR TO MODIFYING MAINLINE, CONTRACTOR SHALL VERIFY AND CONFIRM ROUTING AND EXTENT OF LANDSCAPE AREAS SERVICED BY THE EXISTING MAINLINE.
4. APPROXIMATE LOCATION OF EXISTING 4-INCH POTABLE WATER-COOLING SYSTEM MAINLINE TO REMAIN. PROTECT IN PLACE. PRIOR TO MODIFYING MAINLINE, CONTRACTOR SHALL VERIFY AND CONFIRM EXISTING MAINLINE ROUTING.
5. APPROXIMATE LOCATION OF EXISTING FLOW SENSOR COMMUNICATION CABLE WITHIN 1-INCH FLOW SENSOR CONDUIT TO REMAIN. PROTECT IN PLACE.
6. CUT EXISTING 2-INCH RECYCLED WATER MAINLINE AND INTERCEPT EXISTING REMOTE CONTROL WIRES IN THIS APPROXIMATE LOCATION. ABANDON EXISTING MAINLINE AND WIRES DOWNSTREAM OF THIS POINT IN PLACE. REFER TO IRRIGATION PLAN SHEET 2.12 FOR MAINLINE AND WIRE RELOCATION.
7. CUT EXISTING 2-1/2-INCH RECYCLED WATER MAINLINE AND INTERCEPT EXISTING REMOTE CONTROL WIRES IN THIS APPROXIMATE LOCATION. ABANDON EXISTING MAINLINE AND WIRES DOWNSTREAM OF THIS POINT IN PLACE. REFER TO IRRIGATION PLAN SHEET 2.12 FOR MAINLINE AND WIRE RELOCATION.
8. CUT EXISTING 6-INCH RECYCLED WATER MAINLINE IN THIS APPROXIMATE LOCATION. ABANDON EXISTING MAINLINE BETWEEN LIKE CALLOUTS. REFER TO IRRIGATION PLAN SHEET 2.12 FOR MAINLINE RELOCATION.
9. CUT EXISTING 4-INCH POTABLE WATER-COOLING SYSTEM MAINLINE IN THIS APPROXIMATE LOCATION. ABANDON EXISTING MAINLINE BETWEEN LIKE CALLOUTS. REFER TO IRRIGATION PLAN SHEET 2.12 FOR MAINLINE RELOCATION.
10. CUT EXISTING FLOW SENSOR COMMUNICATION CABLE AND CONDUIT IN THIS APPROXIMATE LOCATION. ABANDON EXISTING CONDUIT/CABLE BETWEEN LIKE CALLOUTS. REFER TO IRRIGATION PLAN SHEET 2.12 FOR CONDUIT/CABLE RELOCATION.
11. REMOVE EXISTING REMOTE CONTROL VALVE (1-1/4" SIZE) AND DISPOSE OF PROPERLY. CAP AND PROTECT EXISTING MANIFOLD PIPING AND CONTROL WIRES FOR REUSE.
12. REMOVE EXISTING IRRIGATION HEADS AND DISPOSE OF PROPERLY. ASSOCIATED EXISTING LATERAL LINES AND SLEEVES SHALL BE ABANDONED IN PLACE.
13. APPROXIMATE LOCATION OF EXISTING TELEPHONE LINE FROM EXISTING CAMERON FAMILY YMCA BUILDING TO CONTROLLER 'F' TO REMAIN. FIELD VERIFY. PROTECT IN PLACE.
14. REMOVE EXISTING REMOTE CONTROL VALVE AND ASSOCIATED EXISTING IRRIGATION HEADS AND DISPOSE OF PROPERLY. ASSOCIATED EXISTING LATERAL LINES SHALL BE ABANDONED IN PLACE OR REMOVED AS REQUIRED TO FACILITATE THE INSTALLATION OF IRRIGATION SYSTEM.
15. REMOVE EXISTING QUICK COUPLER VALVE AND RETURN TO CITY.
16. REMOVE EXISTING ISOLATION GATE VALVE AND RETURN TO CITY.
17. CUT AND CAP EXISTING LATERAL LINE IN APPROXIMATE LOCATION. REMOVE LATERAL LINE DOWNSTREAM OF EXISTING SPRINKLER HEAD TO REMAIN.
18. CUT EXISTING LATERAL LINE IN APPROXIMATE LOCATION. REMOVE LATERAL LINES UPSTREAM OF EXISTING SPRINKLER HEADS. EXISTING LATERAL LINES AND SPRINKLERS TO REMAIN SHALL BE RECONNECTED TO REMOTE CONTROL VALVE(S). REFER TO IRRIGATION PLAN SHEET L2.12 FOR ADDITIONAL INFORMATION.
19. EXISTING IRRIGATION SYSTEM WITHIN AREA TO REMAIN IN SERVICE. PROTECT IN PLACE AND MODIFY AS REQUIRED. REFER TO LANDSCAPE IRRIGATION PLAN SHEETS FOR MODIFICATIONS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.

KEYMAP





Keynotes:

Notes:

NOTICE REGARDING RECORD DRAWINGS

THE INFORMATION SHOWN ON THESE RECORD DRAWINGS HAS BEEN PROVIDED BY THE CONTRACTOR OF RECORD. THE DESIGN PROFESSIONAL HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THE AS-BUILT INFORMATION PROVIDED BY THE CONTRACTOR, AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

LICENSED LANDSCAPE ARCHITECT — STEVEN R. MATHER NO. 4454 — STATE OF CALIFORNIA
Signature
2/28/26
Renewal Date
9/17/2025
Date

ADDENDUM 1

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		9/17/25	DV	ADDENDUM 1	1
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO. _____	DATE _____ EXPIRES _____	

REVIEWED _____
BY _____ PROJECT ENGINEER

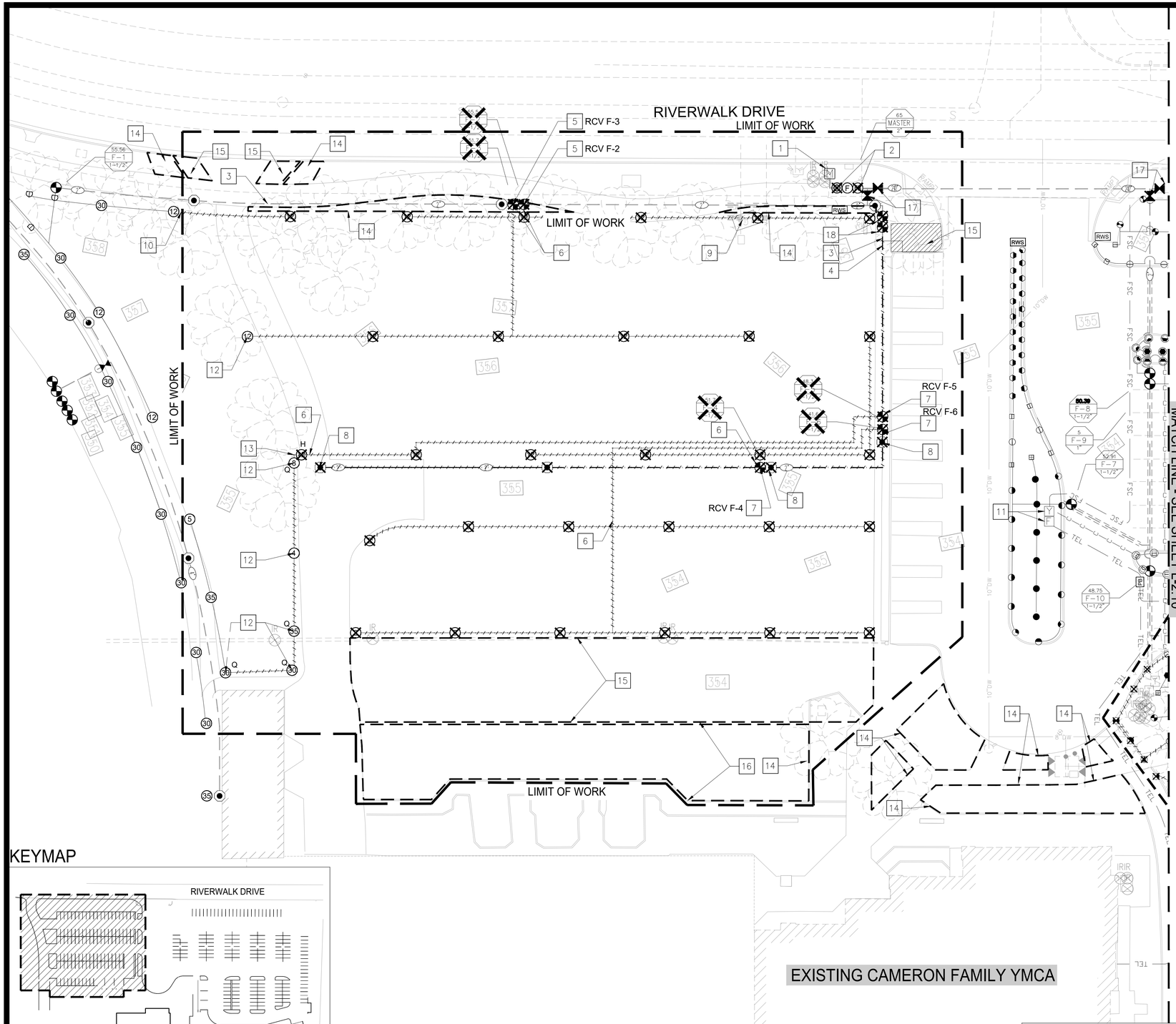
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION DEMO PLAN

CITY W.O. NO.: CIP 2018-31

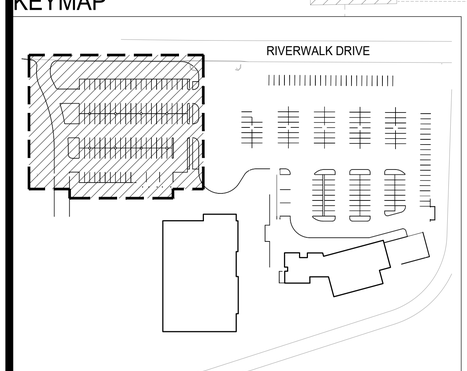
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KEYMAP



DEMOLITION PLAN KEY NOTES (KEY NOTES APPLY TO THIS SHEET ONLY):

1. EXISTING 2-INCH RECYCLED WATER METER TO REMAIN. PROTECT IN PLACE. FIELD VERIFY. MAXIMUM EXISTING DEMAND OF 65 GPM AND A MINIMUM STATIC PRESSURE OF 106 PSI. (AS-BUILT POC ID #5).
2. EXISTING MASTER VALVE AND FLOW METER TO BE REMOVED AND REPLACED. REFER TO LANDSCAPE IRRIGATION LEGEND FOR MAKE AND MODEL OF NEW EQUIPMENT.
3. APPROXIMATE LOCATION OF EXISTING 2-INCH RECYCLED WATER MAINLINE AND REMOTE CONTROL WIRES TO REMAIN. PROTECT IN PLACE. PRIOR TO MODIFYING MAINLINE, CONTRACTOR SHALL VERIFY AND CONFIRM EXISTING MAINLINE ROUTING AND EXTENT OF LANDSCAPE AREAS SERVICED BY THE EXISTING MAINLINE.
4. CUT EXISTING MAINLINE AND INTERCEPT EXISTING REMOTE CONTROL WIRES IN THIS APPROXIMATE LOCATION. ABANDON EXISTING MAINLINE AND REMOTE CONTROL WIRES DOWNSTREAM OF THIS POINT IN PLACE OR REMOVE AS REQUIRED TO INSTALL 2-INCH MAINLINE. LOCATE AND PROTECT EXISTING REMOTE CONTROL WIRES FOR REUSE. REFER TO IRRIGATION PLAN SHEET L2.13 FOR CONNECTION OF MAINLINE TO EXISTING MAINLINE, ROUTING OF MAINLINE TO PARKING LOT PLANTERS AND EXISTING PLANTER AREAS, AND EXTENSION OF EXISTING WIRES TO REMOTE CONTROL VALVES.
5. REMOVE EXISTING REMOTE CONTROL VALVE (1-1/2" SIZE) AND DISPOSE OF PROPERLY. CAP AND PROTECT EXISTING MANIFOLD PIPING AND PROTECT EXISTING CONTROL WIRES FOR REUSE. REFER TO IRRIGATION PLAN SHEET L2.13.
6. REMOVE EXISTING IRRIGATION ROTORS HEADS AND ABANDON EXISTING LATERAL LINE PIPING DOWNSTREAM OF EXISTING REMOTE CONTROL IN PLACE. REFER TO IRRIGATION PLAN SHEET L2.13 FOR IRRIGATION IMPROVEMENTS WITHIN THESE AREAS.
7. REMOVE EXISTING REMOTE CONTROL VALVE, ASSOCIATED SPRINKLERS AND LATERAL PIPE AND DISPOSE OF PROPERLY.
8. REMOVE EXISTING QUICK COUPLER VALVE AND DISPOSE OF PROPERLY.
9. PROTECT EXISTING SLEEVE IN PLACE FOR REUSE.
10. CUT AND CAP EXISTING LATERAL LINE IN APPROXIMATE LOCATION. REMOVE EXISTING LATERAL LINE DOWNSTREAM OF EXISTING ROTOR HEAD TO REMAIN.
11. APPROXIMATE LOCATION OF EXISTING AUTOMATIC IRRIGATION CONTROLLER 'F' AND 'Y'. CONTRACTOR SHALL FIELD VERIFY LOCATION. CONTROLLERS TO BE REPLACED/UPGRADED. CONTRACTOR TO PROTECT POWER SOURCE, REMOTE CONTROL WIRES, SENSOR AND COMMUNICATION CABLES/WIRES AND ANY OTHER EXISTING COMPONENT REQUIRED AS PART OF THE UPGRADE. REFER TO IRRIGATION PLANS. CONTROLLER 'F' HAS 48 STATIONS WITH 25 STATIONS UTILIZED. CONTROLLER 'Y' HAS 40 STATIONS WITH 35 STATIONS UTILIZED.
12. EXISTING ROTOR HEAD TO BE REPLACED AND RELOCATED. REFER TO IRRIGATION PLAN SHEET FOR ROTOR AND LATERAL PIPING LOCATION.
13. CUT EXISTING LATERAL PIPE IN THE APPROXIMATE LOCATION. REMOVE EXISTING LATERAL LINE UPSTREAM OF EXISTING ROTOR HEAD. REFER TO IRRIGATION PLAN SHEET L2.13 FOR LATERAL LINE EXTENSION AND CONNECTION TO ROTOR HEADS.
14. EXISTING IRRIGATION SYSTEM WITHIN AREA TO REMAIN IN SERVICE. PROTECT IN PLACE AND MODIFY AS REQUIRED. REFER TO LANDSCAPE IRRIGATION PLAN SHEETS FOR MODIFICATIONS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
15. REMOVE EXISTING IRRIGATION SYSTEM COMPONENTS AS REQUIRED TO INCORPORATE NEW CONSTRUCTION. CONTRACTOR SHALL RELOCATE EXISTING MAINLINE AND REMOTE CONTROL WIRES ENCOUNTERED TO AREA OUTSIDE OF NEW CONSTRUCTION AS DIRECTED BY CLIENT REPRESENTATIVE.
16. REMOVE EXISTING IRRIGATION SYSTEM WITHIN AREA. PROTECT EXISTING MAINLINE, REMOTE CONTROL WIRES AND ANY OTHER PERTINENT COMPONENTS NECESSARY TO MAINTAIN EX. IRRIGATION SYSTEM OPERATIONAL AND TO ALLOW CONNECTION OF EQUIPMENT PROPOSED. REFER TO L2.13.
17. REMOVE EXISTING ISOLATION VALVES AND REPLACE WITH SCH. 80 PVC BALL VALVES. REFER TO IRRIGATION EQUIPMENT LEGEND FOR MAKE AND MODEL. MATCH EXISTING PIPE SIZE.
18. REMOVE EXISTING REMOTE CONTROL VALVES AND REPLACE WITH RAIN BIRD BRASS GLOBE PATTERN ELECTRIC REMOTE CONTROL VALVE MODEL ###-EFB-CP-PRS-D. SIZE TO MATCH EX. VALVE BEING REPLACED. REUSE EXISTING WIRES.

Keynotes:

Notes:

ADDENDUM 1

NOTICE REGARDING RECORD DRAWINGS

THE INFORMATION SHOWN ON THESE RECORD DRAWINGS HAS BEEN PROVIDED BY THE CONTRACTOR OF RECORD. THE DESIGN PROFESSIONAL HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THE AS-BUILT INFORMATION PROVIDED BY THE CONTRACTOR, AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

0 10' 20' 40'

NORTH

LICENSED LANDSCAPE ARCHITECT
JASON R. MATHER NO. 6471
Signature
2/28/26
Renewal Date
9/17/2025
Date
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION DEMO PLAN

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	L2.11
	SHEET OF

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

GENERAL IRRIGATION NOTES

1. REFER TO THE RECYCLED WATER IRRIGATION NOTES ON SHEET L2.00 AND THE GENERAL IRRIGATION NOTES ON SHEET L2.01.
2. REFER TO THE IRRIGATION EQUIPMENT LEGEND ON SHEET L2.02.
3. REFER TO THE IRRIGATION DEMOLITION PLANS ON SHEETS L2.10 AND L2.11.
4. REFER TO THE IRRIGATION PLANS ON SHEETS L2.12 AND L2.13.
5. REFER TO THE IRRIGATION DETAILS ON SHEETS L2.51, L2.52, L2.53 AND L2.54.
6. ALL MAINLINE, LATERAL PIPE, VALVES, AND OTHER IRRIGATION SYSTEM APPURTENANCES SHOWN IN PAVED AREA IS FOR GRAPHICAL CLARITY ONLY. CONTRACTOR TO PLACE MAINLINE, LATERAL PIPE, VALVES AND ALL IRRIGATION APPURTENANCES WITHIN ADJACENT PLANTING AREAS UNLESS NOTED OTHERWISE ON THE PLANS.
7. CONTRACTOR SHALL ROUTE ALL IRRIGATION MAINLINE, LATERAL PIPE AND SLEEVES AROUND ALL SERVICE LINES, UTILITIES, STORM DRAINAGE FACILITIES, ETC. IN ORDER TO AVOID ANY CONFLICTS IN THE FIELD. INSTALL IRRIGATION PIPE BELOW STORM DRAINAGE PIPES WHERE REQUIRED TO MAINTAIN THE MINIMAL DEPTH REQUIREMENTS.

GENERAL IRRIGATION LEGEND

SLEEVING: REFER TO IRRIGATION LEGEND AND SLEEVE CHART ON SHEET L2.02 FOR TYPE AND SIZE. INSTALL ONE PER EACH PIPE OR CONDUIT

VALVE CALLOUT

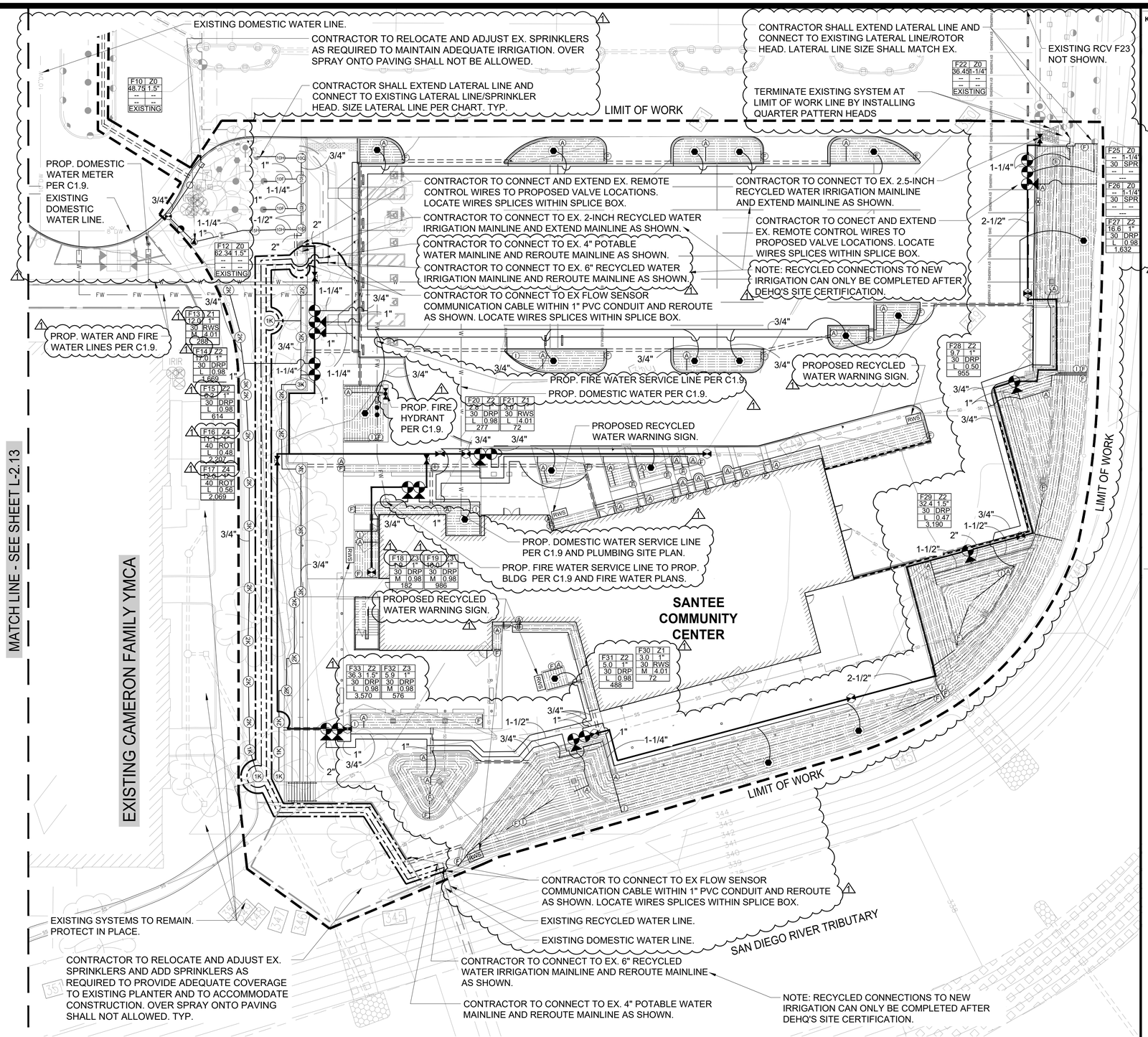
CONTROLLER/STATION	A17	Z1
FLOW (GPM)	5.4	1"
OPERATING PRESSURE (PSI)	30	DRP
HYDROZONE WATER-USE	L	0.85
	631	

← HYDROZONE DESCRIPTION*
← VALVE SIZE
← IRRIGATION METHOD (BELOW)
← PRECIP. RATE (IN./HR.)
← HYRDOZONE AREA (SF)

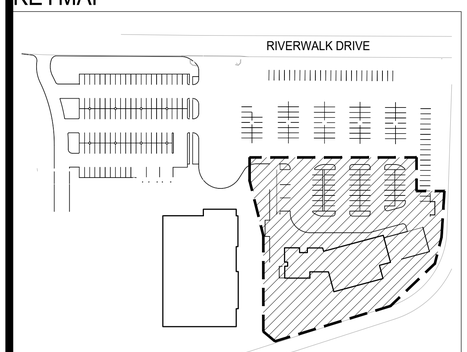
*REFER TO HYDROZONE CHART

IRRIGATION METHOD:
- RWS - TREE ROOT WATERING SYSTEM
- DRP - SUB-SURFACE DRIP GRID
- ROT - POP-UP STREAM SPRAY
- SPR - POP-UP SPRAY
- RTR - POP-UP ROTOR

1-1/2" PIPE SIZING CALLOUT



KEYMAP



Keynotes:

Notes:

ADDENDUM 1

LICENSED LANDSCAPE ARCHITECT
JEAN R. MATHER NO 3471
Signature
2/28/26
Renewal Date
9/17/2025
Date
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		9/17/25	JJL	ADDENDUM 1	1
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION PLAN

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	L2.12
	SHEET OF

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CONTRACTOR TO RELOCATE AND ADJUST EX. SPRINKLERS AND ADD SPRINKLERS AS REQUIRED TO PROVIDE ADEQUATE COVERAGE TO EXISTING PLANTER AND TO ACCOMMODATE CONSTRUCTION. OVER SPRAY ONTO PAVING SHALL NOT BE ALLOWED.

EXISTING RECYCLED WATER METER

EXISTING FIRE HYDRANT

EXISTING DOMESTIC WATER LINE.

RIVERWALK DRIVE

LIMIT OF WORK

PROPOSED RECYCLED WATER WARNING SIGN.

EXISTING RECYCLED WATER WARNING SIGN TO REMAIN.

EXISTING DOMESTIC WATER LINE.

PROPOSED RECYCLED WATER WARNING SIGN.

APPROXIMATE EXTENT OF DRIPLINE. CONTRACTOR TO ADJUST AND ADD ADDITIONAL DRIPLINE AS REQUIRED TO PROVIDE FULL COVERAGE OF THE ENTIRE LANDSCAPE AREA NOT BEING IRRIGATED BY THE EXISTING SPRAY SYSTEM

CONTRACTOR TO CONECT AND EXTEND EX. REMOTE CONTROL WIRES TO PROPOSED VALVE LOCATIONS. LOCATE WIRES SPLICES WITHIN SPLICE BOX.

INSTALL DRIP LINE AT GRADE IN THIS AREA TO LIMIT DISTURBANCE TO THE ROOTS OF THE EXISTING TREE.

CONTRACTOR TO CONNECT TO EX. 2-INCH RECYCLED WATER IRRIGATION MAINLINE AND EXTEND MAINLINE AS SHOWN AND AS REQUIRED TO MAINTAIN EX. SYSTEM OPERATIONAL.

NOTE: RECYCLED CONNECTIONS TO NEW IRRIGATION CAN ONLY BE COMPLETED AFTER DEHQ'S SITE CERTIFICATION.

EXISTING DOMESTIC WATER LINE.

EXISTING DOMESTIC WATER LINE.

EXISTING DOMESTIC WATER LINE.

CONNECT CONTROLLERS TO EXISTING 120 VOLT POWER SUPPLY PER LOCAL CODES. CONNECT ALL EXISTING CONTROL VALVE WIRING IN SAME SEQUENCE AS OLD CONTROLLER. CONNECT WIRES TO CONTROLLER AND ROUTE TO REMOTE CONTROL VALVES ALONG MAINLINE PATH AS REQUIRED IF SPARE WIRES ARE NOT AVAILABLE. FIELD VERIFY.

LOCATE ROTOR HEADS 24" FROM BACK OF CURB AND HARDSCAPE AREAS, TYP.

CONTRACTOR SHALL EXTEND LATERAL LINE AND CONNECT TO EXISTING LATERAL LINE/ROTOR HEAD. LATERAL LINE SIZE SHALL MATCH EX.

PROPOSED POTABLE WATER LINES PER C1.9.

PROPOSED POTABLE WATER METERS PER C1.9.

PROPOSED POTABLE WATER BACKFLOWS PER C1.9.

PROPOSED RECYCLED WATER WARNING SIGN.

PROP. POTABLE WATER METER PER C1.9.

EXISTING POTABLE WATER LINE.

PROP. POTABLE WATER AND FIRE BACKFLOW PRE C1.9.

EX. FIRE HYDRANT

LIMIT OF WORK

POTABLE WATER LINE TO EX. POOL EQUIPMENT PER C1.9.

POTABLE WATER LINE TO EX. BUILDING PER C1.9

CONTRACTOR TO RELOCATE AND ADJUST EX. SPRINKLERS AND ADD SPRINKLERS AS REQUIRED TO PROVIDE ADEQUATE COVERAGE TO EXISTING PLANTER AND TO ACCOMMODATE CONSTRUCTION. OVER SPRAY ONTO PAVING SHALL NOT ALLOWED. TYP.

EXISTING CAMERON FAMILY YMCA POOL FACILITY

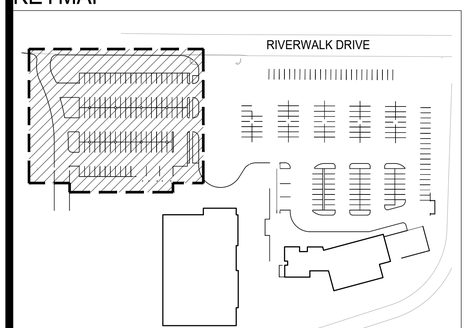
PROP. FIRE WATER SERVICE LINE TO PROP. BLDG PER C1.9.

PROP. DOMESTIC WATER SERVICE LINE PER C1.9.

EXISTING CAMERON FAMILY YMCA

MATCH LINE - SEE SHEET L-2.12

KEYMAP



GENERAL IRRIGATION NOTES

1. REFER TO THE RECYCLED WATER IRRIGATION NOTES ON SHEET L2.00 AND THE GENERAL IRRIGATION NOTES ON SHEET L2.01.
2. REFER TO THE IRRIGATION EQUIPMENT LEGEND ON SHEET L2.02.
3. REFER TO THE IRRIGATION DEMOLITION PLANS ON SHEETS L2.10 AND L2.11.
4. REFER TO THE IRRIGATION PLANS ON SHEETS L2.12 AND L2.13.
5. REFER TO THE IRRIGATION DETAILS ON SHEETS L2.51, L2.52, L2.53 AND L2.54.
6. ALL MAINLINE, LATERAL PIPE, VALVES, AND OTHER IRRIGATION SYSTEM APPURTENANCES SHOWN IN PAVED AREA IS FOR GRAPHICAL CLARITY ONLY. CONTRACTOR TO PLACE MAINLINE, LATERAL PIPE, VALVES AND ALL IRRIGATION APPURTENANCES WITHIN ADJACENT PLANTING AREAS UNLESS NOTED OTHERWISE ON THE PLANS.
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GENERAL IRRIGATION LEGEND

SLEEVING: REFER TO IRRIGATION LEGEND AND SLEEVE CHART ON SHEET L2.02 FOR TYPE AND SIZE. INSTALL ONE PER EACH PIPE OR CONDUIT

VALVE CALLOUT

CONTROLLER/STATION	A17	Z1
FLOW (GPM)	5.4	1"
OPERATING PRESSURE (PSI)	30	DRP
HYDROZONE WATER-USE	L	0.85
	631	

CONTROLLER/STATION — HYDROZONE DESCRIPTION*
FLOW (GPM) — VALVE SIZE
OPERATING PRESSURE (PSI) — IRRIGATION METHOD (BELOW)
HYDROZONE WATER-USE — PRECIP. RATE (IN./HR.)
631 — HYRDOZONE AREA (SF)

*REFER TO HYDROZONE CHART

IRRIGATION METHOD:
- RWS - TREE ROOT WATERING SYSTEM
- DRP - SUB-SURFACE DRIP GRID
- ROT - POP-UP STREAM SPRAY
- SPR - POP-UP SPRAY
- RTR - POP-UP ROTOR

1-1/2" PIPE SIZING CALLOUT

0 10' 20' 40'

NORTH

Keynotes:

Notes:

ADDENDUM 1

LICENSED LANDSCAPE ARCHITECT — JEAN R. MATHER NO. 4454 — Signature 2/28/26 — Renewal Date 9/17/2025 — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		9/17/25	JJL	ADDENDUM 1	1
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED

BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER LANDSCAPE IRRIGATION PLAN

CITY W.O. NO. CIP 2018-31

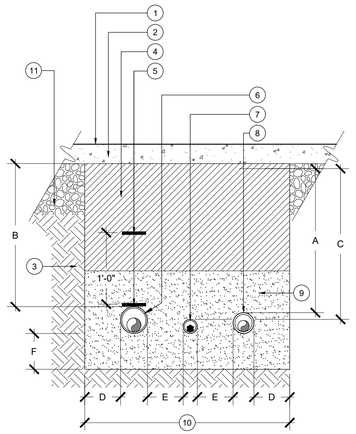
DRAWING NO. L2.13 — SHEET OF

Please Recycle

DEPTH	A	B	C	D	E	F
4" AND LARGER	N/A	30"	N/A	6"	6"	6"
3" AND SMALLER	24"	24"	N/A	6"	6"	6"
2-1/2" AND SMALLER	24"	24"	N/A	6"	6"	6"
CONTROL WIRES	N/A	N/A	24"	6"	6"	6"

NOTES:

1. DIG SIDES OF TRENCH SQUARE AND CLEAN OFF ALL SHARP MATERIAL.
2. NON-PRESSURE PIPES RUNNING PARALLEL TO EACH OTHER MUST HAVE A MIN. CLEARANCE OF 6" FROM EACH OTHER.
3. IRRIGATION PIPES SHALL HAVE A MIN. CLEARANCE OF 24" FROM OTHER TRADES.
4. PROVIDE A 24" LOOP IN ALL WIRING AT CHANGES IN DIRECTION.
5. CONTRACTOR MUST ADJUST MAINLINE AS REQUIRED TO AVOID OTHER ELEMENTS.
6. ALL SLEEVES MUST EXTEND 12" MIN. DISTANCE PAST CURB OR PAVEMENT EDGES.
7. SEE CIVIL SPECS. FOR MIN. DEPTH REQUIRED FOR TOP OF SLEEVE BELOW ROAD BASE.
8. ALL SYMBOLS ARE TYPICAL.
9. SLEEVES TO BE TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE CARRIED. MIN. SLEEVE SIZE UNDER VEHICULAR PAVING SHALL BE 4" DIA.
10. RECYCLED WATER DETECTABLE WARNING TAPE SHALL BE PROVIDED FOR ALL PRESSURE MAINLINES, STANDARD 5 MIL. THICKNESS, 3" WIDTH WITH ALUMINUM CORE. PERMANENTLY PRINTED AND A.P.W.A. UNIFORM COLOR CODE.
11. SLEEVES AT CURB OR EDGE OF HARDSCAPE SHALL EXTEND 12" BACK UNDER HARDSCAPE.
12. MAINTAIN A SEPARATION OF 6" BETWEEN PARALLEL LATERAL LINES.

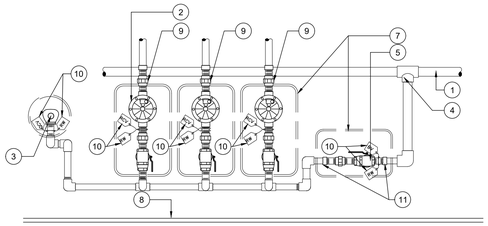


SECTION VIEW

1. FINISH GRADE.
2. VEHICULAR OR PEDESTR. PAVING.
3. UNDISTURBED NATIVE SOIL.
4. COMPACTED BACKFILL OVER INITIAL SAND BEDDING:
   - BENEATH VEHICULAR PAVEMENT SHALL BE COMPACTED CLASS II AGG., DEPTH AND COMPACTION PER ENGINEER'S PLANS
   - BENEATH NON-VEHICULAR PAVEMENT SHALL BE NATIVE SITE SOIL. NO PARTICLES GREATER THAN 1". COMPACT PER SPECS.
5. RECYCLED WATER DETECTABLE WARNING TAPES PER SPECS. PROVIDE (2) AT MAINLINE AS SHOWN.
6. PRESSURE MAINLINE PIPE SLEEVE, PER LEGEND.
7. CONTROL WIRE SLEEVE, PER LEGEND.
8. NON-PRESSURE LATERAL LINE SLEEVE, PER LEGEND.
9. 6" BEDDING DEPTH BELOW MAINLINE W/ 6" COVER. SAND (S.E. 30 OR BETTER) BACKFILL COMPACTED TO THE DENSITY OF EXISTING SOIL.
10. 9" MIN. OR AS NEEDED TO PROVIDE FOR A MINIMUM 6" CLEARANCE BETWEEN PIPES.
11. PAVEMENT SUBGRADE - AS PER ENGINEER'S PLANS

2 TRENCHING - BENEATH PAVING

Scale: N.T.S.



VALVE MANIFOLD
PLAN VIEW DIAGRAM

1. PRESSURE MAINLINE AND TEE FITTING(S).
2. REMOTE CONTROL VALVE WITH BALL VALVE .
3. QUICK COUPLING VALVE.
4. TEE. MUST BE MAINLINE SIZE.
5. MANIFOLD ISOLATION BALL VALVE. VALVE MUST BE MAINLINE SIZE.
6. NOT USED
7. VALVE BOX, TYP.
8. EDGE OF AREA, ADJACENT PAVING OR CONCRETE CURB.
9. SCHEDULE 80 PVC UNION, TYP.
10. EQUIPMENT I.D. TAG FOR RECLAIMED/ RECYCLED WATER SYSTEMS.
11. SCHEDULE 80 PVC FEMALE ADAPTER, TYP.

NOTES:

1. ALL THREADED CONNECTIONS MUST HAVE TEFLON TAPE (PVC/ BRASS) OR PASTE (BRASS ONLY).
2. MANIFOLD VALVES TOGETHER WHEN WITHIN 20-FEET OF EACH OTHER.
3. REMOTE CONTROL VALVES SHALL BE INSTALLED WITH THE LARGEST VALVE AND GPM FLOW INSTALLED FIRST ON THE MANIFOLD, WITH THE SMALLER VALVES AND CAPACITIES TRANSITIONING FROM THERE.
4. REFER TO SPECIFIC DETAIL FOR ISOLATION BALL VALVE REQUIREMENTS.
5. REFER TO SPECIFIC DETAIL FOR QUICK COUPLER VALVE REQUIREMENTS.
6. REFER TO SPECIFIC DETAIL FOR REMOTE CONTROL VALVE REQUIREMENTS.
7. REFER TO SPECIFIC DETAIL FOR VALVE BOX LAYOUT REQUIREMENTS.
8. REFER TO SPECIFIC DETAIL FOR PRESSURE MAINLINE AND NON-PRESSURE LATERALS PIPE REQUIREMENTS.

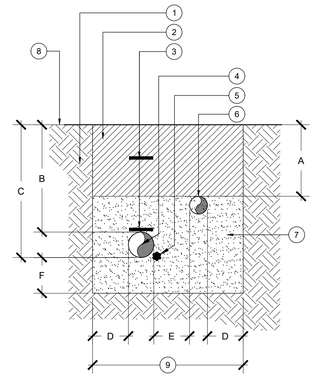
4 MANIFOLD INSTALLATION

Scale: N.T.S.

DEPTH	A	B	C	D	E	F
4" AND LARGER	N/A	24"	N/A	6"	6"	6"
3" AND SMALLER	12"	18"	N/A	6"	6"	6"
2-1/2" AND SMALLER	12"	18"	N/A	6"	6"	6"
CONTROL WIRES	N/A	N/A	BELOW MAINLINE	6"	6"	6"

NOTES:

1. ALL SYMBOLS ARE TYPICAL.
2. DIG SIDES OF TRENCH SQUARE AND CLEAN OF ALL SHARP MATERIAL.
3. NON-PRESSURE PIPES RUNNING PARALLEL TO EACH OTHER MUST HAVE A MIN. CLEARANCE OF 6" FROM EACH OTHER.
4. IRRIGATION PIPES SHALL HAVE A MIN. CLEARANCE OF 24" FROM OTHER TRADES.
5. PROVIDE A 24" LOOP IN ALL WIRING AT CHANGES IN DIRECTION.
6. CONTRACTOR MUST ADJUST MAINLINE AS REQUIRED TO AVOID OTHER ELEMENTS.
7. DETECTABLE WARNING TAPE SHALL BE PROVIDED FOR ALL PRESSURE MAINLINES. STANDARD 5 MIL. THICKNESS, 3" WIDTH WITH ALUMINUM CORE PERMANENTLY PRINTED AND A.P.W.A. UNIFORM COLOR CODE.



SECTION VIEW

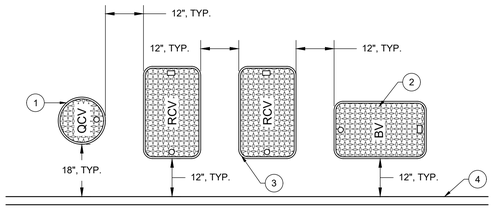
1. UNDISTURBED NATIVE SOIL.
2. COMPACTED NATIVE BACKFILL OVER INITIAL SAND BEDDING. NO PARTICLES GREATER THAN 1". COMPACT PER SPECS.
3. RECYCLED WATER DETECTABLE WARNING TAPES PER SPECS. PROVIDE (2) AT MAINLINE AS SHOWN.
4. PRESSURE MAINLINE PIPE, PER LEGEND.
5. CONTROL WIRES, BUNDLED AND TAPED TO SIDE OF MAINLINE AT 10' O.C. (INSTALL WIRES IN CONDUIT FROM CONTROLLER TO MAINLINE).
6. NON-PRESSURE LATERAL LINE, PER LEGEND.
7. INITIAL SAND BACKFILL (S.E. 30 OR BETTER) PROVIDE 6" BEDDING DEPTH BELOW MAINLINE AND 6" COVER ABOVE MAINLINE. COMPACT TO THE DENSITY OF EXISTING SOIL.
8. FINISH GRADE
9. 9" MIN. OR AS NEEDED TO PROVIDE FOR A MINIMUM 6" CLEARANCE BETWEEN PIPES.

1 TRENCHING - WITHIN PLANTING AREAS

Scale: N.T.S.

NOTES:

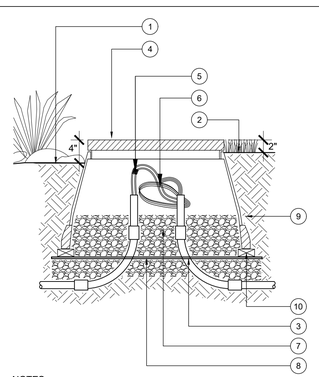
1. INSTALL PURPLE VALVE BOXES IN GROUND COVER/ SHRUB PLANTING AREAS WHENEVER POSSIBLE.
2. ALL VALVE BOXES MUST BE PERPENDICULAR TO EDGE OF AREA, ADJACENT PAVING OR CONCRETE CURB AND SET PARALLEL TO EACH OTHER.
3. ALL VALVES MUST BE CENTERED AND INSTALLED PLUMB INSIDE VALVE BOX TO FACILITATE ACCESS AND MAINTENANCE.
4. ALL VALVES MUST BE INSTALLED IN ITS OWN VALVE BOX.
6. REFER TO VALVE ASSEMBLY DETAILS FOR VALVE BOXES FINISH ELEVATIONS.
7. AVOID EXCESSIVE COMPACTING AROUND VALVE BOXES TO PREVENT COLLAPSE AND DEFORMATION OF VALVE BOX SIDES.
8. INSTALL VALVE BOX EXTENSIONS BY VALVE MANUFACTURER AS REQUIRED TO COMPLETELY ENCLOSE VALVE ASSEMBLY.
9. LOCATION OF VALVE ASSEMBLIES SHALL BE STAKED FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
10. ON RECYCLED WATER SYSTEM, PARTS MUST BE PURPLE IN COLOR AND APPROVED FOR RECYCLED WATER USE.
11. ALL VALVE BOX LIDS MUST BE LABELED BY HOT IRON BRANDING:
    - YS - WYE STRAINER
    - CV - CHECK VALVE
    - MV - MASTER VALVE
    - FS - FLOW SENSOR
    - RCV - REMOTE CONTROL VALVE WITH CONTROLLER, ID AND STATION NUMBER
    - QCV - QUICK COUPLER VALVE
    - BV - ISOLATION BALL VALVE
    - GV - ISOLATION GATE VALVE
    - E - PULL BOX/ SPLICE BOX



1. 10" ROUND VALVE BOX PER SPECS FOR QUICK COUPLER VALVE, TYP.
2. RECTANGULAR VALVE BOX PER SPECS FOR MAINLINE ISOLATION BALL VALVE, TYP.
3. RECTANGULAR VALVE BOX PER SPECS FOR REMOTE CONTROL VALVE ASSEMBLIES, TYP.
4. EDGE OF AREA, SIDEWALK, CONCRETE CURB, ETC., TYP.

3 VALVE BOX LAYOUT

Scale: N.T.S.



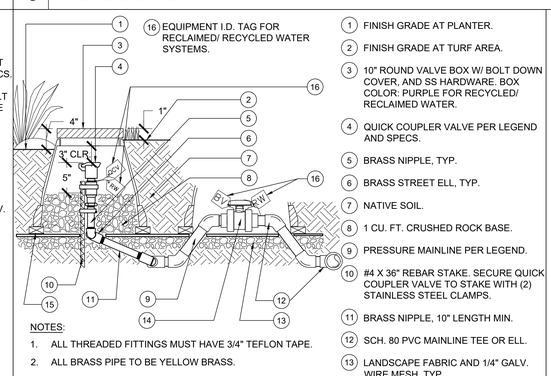
NOTES:

1. ALL WIRING MUST CONFORM TO LOCAL CODES.
2. PROVIDE 36" EXPANSION COILS AT EACH WIRE CONNECTION.
3. PROVIDE 3" CLEARANCE BETWEEN WIRES AND LID.
4. NO WIRE SPLICES ARE ALLOWED WITHOUT OWNER'S REPRESENTATIVE APPROVAL.

1. FINISH GRADE AT PLANTER
2. FINISH GRADE AT TURF AREA
3. PVC SCH. 40 ELECTRICAL CONDUIT AND SWEEPS TO DEPTH PER SPECS.
4. RECTANGULAR VALVE BOX W/ BOLT DOWN COVER, AND SS HARDWARE
5. APPROVED WIRE CONNECTOR (IF APPLICABLE)
6. 36" EXPANSION COIL
7. 3 CU. FT. 3/8" PEA GRAVEL
8. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
9. NATIVE SOIL COMPACTED TO
10. (4) CONCRETE BRICK SUPPORTS, ONE AT EACH CORNER

7 PULL BOX

Scale: N.T.S.



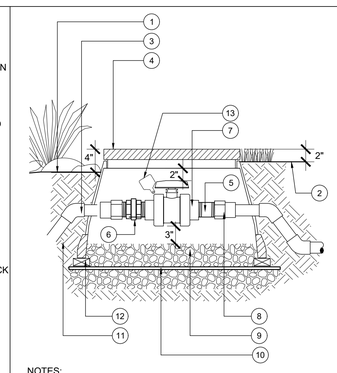
NOTES:

1. ALL THREADED FITTINGS MUST HAVE 3/4" TEFLON TAPE.
2. ALL BRASS PIPE TO BE YELLOW BRASS.
3. MINIMUM LINE SIZE SUPPLYING A QUICK COUPLER MUST BE 1-1/2"
4. QUICK COUPLERS MUST BE NO MORE THAN 200' O.C. APART. LOCATE AT RCV MANIFOLDS WHEN POSSIBLE.
5. REFER TO SPECIFIC DETAIL FOR ALL ISOLATION BALL VALVE REQUIREMENTS.
6. RECYCLED QUICK COUPLERS MUST BE TYPE MANUFACTURED FOR RECYCLED USE.

1. FINISH GRADE AT PLANTER.
2. FINISH GRADE AT TURF AREA.
3. 10" ROUND VALVE BOX W/ BOLT DOWN COVER, AND SS HARDWARE. BOX COLOR: PURPLE FOR RECYCLED/ RECLAIMED WATER.
4. QUICK COUPLER VALVE PER LEGEND AND SPECS.
5. BRASS NIPPLE, TYP.
6. BRASS STREET ELL, TYP.
7. NATIVE SOIL.
8. 1 CU. FT. CRUSHED ROCK BASE.
9. PRESSURE MAINLINE PER LEGEND.
10. #4 X 36" REBAR STAKE. SECURE QUICK COUPLER VALVE TO STAKE WITH (2) STAINLESS STEEL CLAMPS.
11. BRASS NIPPLE, 10" LENGTH MIN.
12. SCH. 80 PVC MAINLINE TEE OR ELL.
13. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
14. BALL VALVE W/ PVC. SCH. 80 MALE ADAPTERS. REFER TO DETAIL.
15. CONCRETE BRICK SUPPORTS, THREE (3) SPACED EQUALLY ALONG PERIMETER BOTTOM.

6 QUICK COUPLER VALVE

Scale: N.T.S



NOTES:

1. BALL VALVE MUST BE INSTALLED IN VALVE BOX TO ALLOW PROPER OPERATION OF BALL VALVE HANDLE.
2. ALL THREADED FITTINGS MUST HAVE 3/4" TEFLON TAPE OR PASTE.
3. PROVIDE 45° ELLS TO ACHIEVE BALL VALVE HEIGHT PER DETAIL.

1. FINISH GRADE AT PLANTER
2. FINISH GRADE AT TURF AREA
3. PVC MAINLINE. USE PVC SCH. 80 45° ELL TO DEPTH PER SPECS.
4. RECTANGULAR PURPLE VALVE BOX W/ BOLT DOWN COVER, AND SS HARDWARE
5. SCH. 80 NIPPLE, 2 QTY., TYP. LENGTH AS REQUIRED.
6. SCH. 80 PVC UNION
7. ISOLATION BALL VALVE. REFER TO LEGEND.
8. PVC SCH. 80 FEMALE ADAPTER, (2) QTY.
9. 3 CU. FT. 3/8" PEA GRAVEL
10. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, OR ALL PURPLE DURA DRI-BOX WITH SNAP-ON BOTTOM, TYP.
11. COMPACTED NATIVE SOIL.
12. (4) CONCRETE BRICK SUPPORTS, ONE AT EACH CORNER, (NOT REQ. WITH DRI-BOX).
13. EQUIPMENT I.D. TAG FOR RECLAIMED/ RECYCLED WATER SYSTEMS.

5 ISOLATION BALL VALVE, 2" & SMALLER

Scale: N.T.S.

Keynotes:

Notes:

ADDENDUM 1

LICENSED LANDSCAPE ARCHITECT
JEAN K. MATHER NO. 5627
Signature
2/28/26
Renewal Date
9/17/2025
Date
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED

BY
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

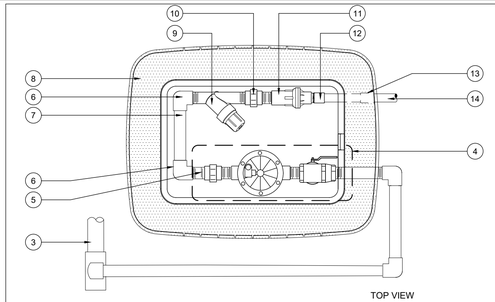
SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION DETAILS

CITY W.O. NO.: CIP 2018-31

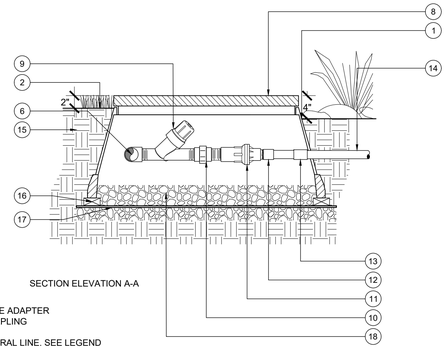
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TOP VIEW

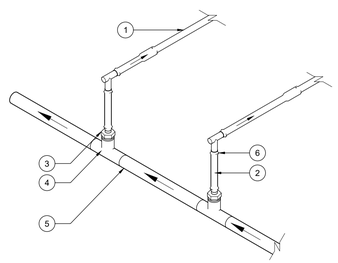


SECTION ELEVATION A-A

1. FINISH GRADE AT PLANTER
2. FINISH GRADE AT TURF AREA
3. IRRIGATION PRESSURE MAINLINE OR MANIFOLD SUPPLY
4. REMOTE CONTROL VALVE. REFER TO DETAIL 8/L-2.52
5. SCH. 80 PVC NIPPLE. 3" MIN. LENGTH
6. SCH. 80 PVC ELL (TxT)
7. SCH. 80 PVC NIPPLE. LENGTH AS REQ.
8. JUMBO PURPLE RECTANGULAR VALVE BOX WITH LOCKING COVER AND SS LOCKING BOLT
9. SCREEN FILTER. SEE LEGEND AND SPECS
10. SCH. 80 PVC UNION
11. PRESSURE REGULATOR. SEE LEGEND AND SPECS
12. SCH. 80 PVC MALE ADAPTER SCH. 40 PVC COUPLING
13. IRRIGATION LATERAL LINE. SEE LEGEND AND SPECS
14. NATIVE SOIL COMPACTED
15. BRICK SUPPORTS, TYP. OF 4
16. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
17. 3 CU. FT. 3/4" PEA GRAVEL
18.

3 REMOTE CONTROL DRIP VALVE ASSEMBLY

Scale: N.T.S.



1. DRIP OPERATION INDICATOR
2. 1/2" FPT CONNECTION FROM IRRIGATION LATERAL LINE
3. IRRIGATION LATERAL PIPE
4. SWING JOINT
5. FINISH GRADE IN LAWN. INSTALL INDICATOR FLUSH WITH FINISH GRADE IN TURF AREA.
6. ADJACENT MULCH
7. FINISH GRADE IN PLANTER AREA. INSTALL INDICATOR 1/2" ABOVE FINISH GRADE OF MULCH IN SHRUB AND GROUNDCOVER AREAS

NOTES:

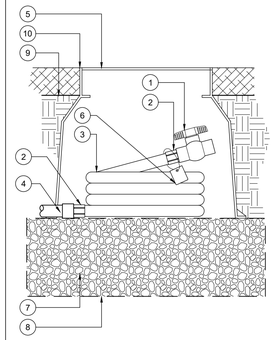
1. LOCATE INDICATOR WITHIN AN AREA ADJACENT TO A WALKWAY, CURB, ETC. AND AWAY FROM PLANT MATERIALS TO PROVIDE EASY VISUAL CONFIRMATION FROM A DISTANCE OF OPERATION.
2. COMPACT SOIL AROUND INDICATOR TO THE SAME DENSITY AS ADJACENT SOIL.

2 DRIP OPERATION INDICATOR

Scale: N.T.S.

NOTES:

1. TAG EACH FLUSH VALVE WITH A PERMANENT METAL ID TAG. NUMBER SHALL CONINCIE WITH CONTROLLER STATION NUMBER. TAG SHALL BE PLACED TO AVOID BEING BURIED.
2. REFER TO SPECS FOR ADDITIONAL INFORMATION.

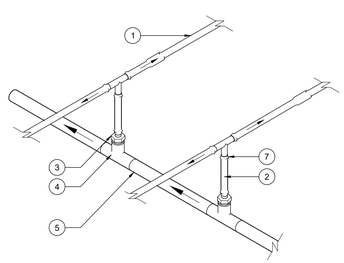


1. SCH. 40 PVC. BALL VALVE PER LEGENG.
2. IRRIGATION HOSE FITTING
3. 1/2" SIZE IRRIGATION HOSE. 30" MIN. LENGTH. COIL INSIDE VALVE BOX.
4. PVC EXHAUST HEADER PER PLANS AND LEGEND.
5. 10" ROUND VALVE BOX WITH LOCKING COVER AND SS BOLT
6. VALVE ID TAG. SEE NOTE #1.
7. 3/4" CRUSHED DRAIN ROCK, 6" MIN. DEPTH. EXTEND 6" BEYOND ALL EDGES OF VALVE BOX
8. 1/4" GALV. WIRE CLOTH. WRAP AROUND CRUSHED ROCK.
9. FINISH GRADE
10. SET VALVE BOX FLUSH WITH TOP OF MULCH LAYER.

1 MANUAL FLUSH VALVE

Scale: N.T.S.

A END FEED MANIFOLD SUPPLY ISOMETRIC

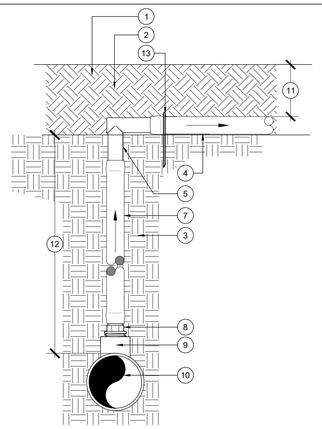


B CENTER FEED MANIFOLD SUPPLY ISOMETRIC

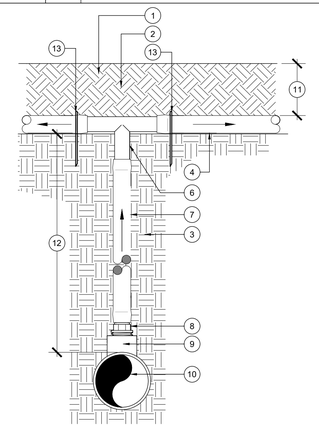
1. DRIPLINE, TYPE AND DEPTH PER IRRIGATION LEGEND
2. BLANK POLYETHYLENE TUBING
3. BARB X MPT ADAPTER
4. SCH. 40 PVC TEE WITH FPT OUTLET
5. NON-PRESSURE LATERAL DOWNSTREAM FROM DRIP REMOTE CONTROL VALVE ASSEMBLY
6. BARBED INSERT 90° ELL FITTING
7. BARBED INSERT TEE FITTING

5 DRIPLINE MANIFOLD SUPPLY

Scale: N.T.S



A MANIFOLD-ELL CONDITION SECTION ELEVATION

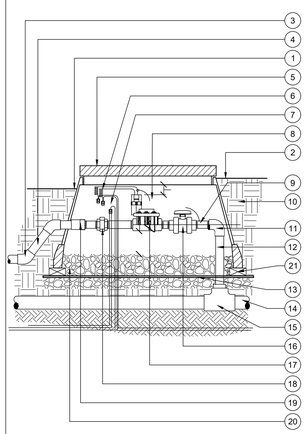


B MANIFOLD-TEE CONDITION SECTION ELEVATION

1. FINISH GRADE AT PLANTER
2. TOP SOIL. REFER TO SPECS
3. COMPACTED SUBGRADE. REFER TO SPECS.
4. DRIPLINE TUBING, REFER TO IRRIGATION LEGEND FOR ADDITIONAL INFORMATION
5. BARBED DRIP ELBOW FITTING
6. BARBED DRIP TEE FITTING
7. BLANK POLYETHYLENE DRIP TUBING
8. BARBED x 1/2" MPT ADAPTER
9. PVC TEE (SLxSLxTH) WITH 1/2" FPT INLET
10. PVC SUPPLY LATERAL LINE, SIZE AND TYPE PER PLAN
11. DEPTH OF MULCH, REFER TO SPECS.
12. DEPTH OF PVC LATERAL LINE, REFER TO IRRIGATION LEGEND
13. 4" GALVANIZED STAPLE. INSTALL OVER TUBING AT SPACING PER SPECS

4 DRIPLINE TO PVC LATERAL LINE TRANSITION (SUPPLY AND EXHAUST HEADER)

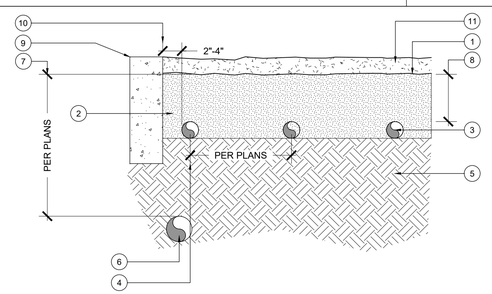
Scale: N.T.S.



1. FINISH GRADE AT PLANTER
2. FINISH GRADE AT TURF AREA
3. PVC MAINLINE. USE PVC SCH. 40 45° ELL TO DEPTH PER SPECS.
4. LATERAL PIPE, PER SPECS.
5. PURPLE RECTANGULAR VALVE BOX
6. CONTROL WIRING PER SPECS.
7. EXTRA WIRE PER SPECS.
8. RECYCLED WATER TAG, SEE SPECS
9. SCH. 80 NIPPLE (4X PER VALVE)
10. NATIVE SOIL COMPACTED
11. SLIP X FT SCH. 80 PVC ELL
12. SCH. 80 PVC CUT TO LENGTH
13. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
14. PRESSURE MAINLINE, PER SPECS.
15. SCH. 80 MAINLINE FITTING
16. VALVE SIZE BALL VALVE. OMIT WHEN USED ON MANIFOLD.
17. REMOTE CONTROL VALVE
18. SCH. 80 UNION
19. SCH. 80 FEMALE ADAPTER
20. 3 CU. FT. 3/4" PEA GRAVEL.
21. BRICK SUPPORTS, TYP. OF 4

8 REMOTE CONTROL VALVE

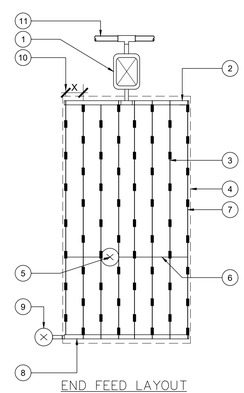
Scale: N.T.S.



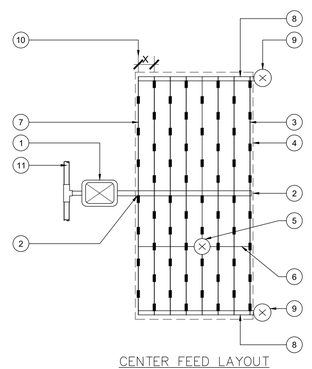
1. FINISH GRADE AT PLANTER
2. TOP SOIL. SEE SPECS.
3. DRIPLINE, SEE IRRIGATION LEGEND
4. REFER TO PLAN FOR SPACING REQ.
5. PREPARED SUBGRADE. REFER TO PLANITNG PLANS AND DETAILS.
6. PVC NON-PRESSURE LATERAL LINE PER IRRIGATION PLANS
7. DEPTH OF PVC LATERAL LINE, SEE PLANS AND SPECS
8. DEPTH OF DRIPLINE, REFER TO IRRIGATION LEGEND
9. PLANTER EDGE
10. LOCATE PERIMETER DRIPLINE LATERALS 2" MIN. AND 4" MAX. AWAY FROM EDGES.
11. MULCH AND PLANTING MATERIAL PER PLANTING PLAN

7 SUBSURFACE DRIPLINE

Scale: N.T.S.



END FEED LAYOUT



CENTER FEED LAYOUT

1. DRIP REMOTE CONTROL VALVE ASSEMBLY. REFER TO IRRIGATION PLANS AND LEGEND
2. IRRIGATION NON-PRESSURE PVC LATERAL SUPPLY LINE (HEADER), PER IRRIGATION PLANS AND LEGEND
3. DRIPLINE TUBING LATERAL PER IRRIGATION LEGEND
4. PLANTING AREA PERIMETER
5. AIR/VACUUM RELIEF VALVE PER IRRIGATION LEGEND. INSTALL AT HIGH POINT(S) OF HYDROZONE. LOCATE IN FIELD.
6. AIR/VACUUM RELIEF LATERAL BLANK DRIPLINE TUBING. CONNECT PERPENDICULAR TO DRIPLINE USING MANUFACTURER APPROVED FITTINGS
7. INSTALL PERIMETER DRIPLINE LATERALS 2" TO 4" FROM EDGE OF HARDSCAPE, CURB, ETC.
8. IRRIGATION NON-PRESSURE PVC EXHAUST HEADER.
9. FLUSH VALVE PER IRRIGATION LEGEND. PLUMB TO NON-PRESSURE PVC LATERAL LINE
10. DISTANCES PER IRRIGATION LEGEND
11. IRRIGATION PRESSURE MAINLINE PER PLANS AND SPECS.

6 DRIPLINE LAYOUT (TYPICAL)

Scale: N.T.S.

Keynotes:

Notes:

ADDENDUM 1

LICENSED LANDSCAPE ARCHITECT
JASON R. MATHER NO. 6454
Signature
2/28/26
Renewal Date
9/17/2025
Date
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	Author	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION DETAILS

CITY W.O. NO.: CIP 2018-31

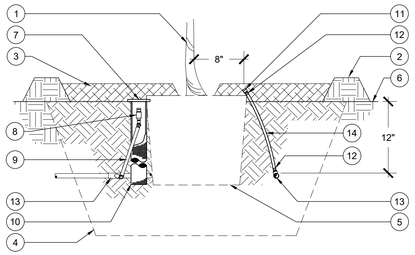
DRAWING NO.: L2.52

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NOTES:

1. REFER TO LANDSCAPE PLANTING DETAILS FOR DEPTH OF MULCH COVER, ETC.



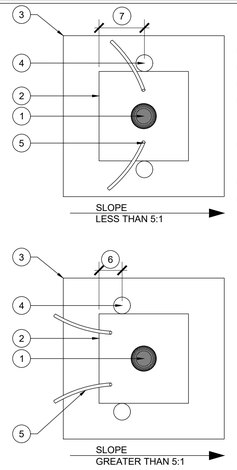
KEY:

1. TREE
2. BERM
3. MULCH
4. PLANTING PIT
5. TREE ROOTBALL
6. FINISH GRADE
7. ROUND PLASTIC DRAIN GRATE
8. BUBBLER
9. SWING PIPE
10. DEEP ROOT WATER SYSTEM
11. BUBBLER ON TOP OF ROOTBALL (BELOW MULCH).
12. 1/2" SCHEDULE 40 PVC MALE ADAPTER (GRAY).
13. SxSxT SCH. 40 PVC TEE OR SxT ELL PLUMBED TO PVC LATERAL LINE.
14. 1/2" IPS FLEXIBLE PVC HOSE. USE IPS WELD ON SOLVENT CEMENT ON THIS HOSE.

NOTE: ITEMS 7 THROUGH 9 ARE INCLUDED WITH DEEP ROOT WATERING SYSTEM.

4 TREE BUBBLER ASSEMBLY

Scale: N.T.S.

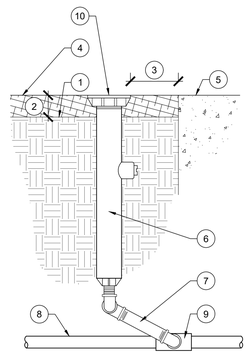


KEY:

1. TREE
2. TREE ROOTBALL
3. PLANTING PIT
4. DEEP ROOT WATER SYSTEM ON EITHER SIDE OF ROOTBALL - QTY. PER LEGEND.
5. BUBBLER - QTY. PER LEGEND. FIX WITH STEEL STAPLES.
6. 1/4 OF ROOTBALL WIDTH
7. 1/2 OF ROOTBALL WIDTH

3 TREE BUBBLER ASSEMBLY

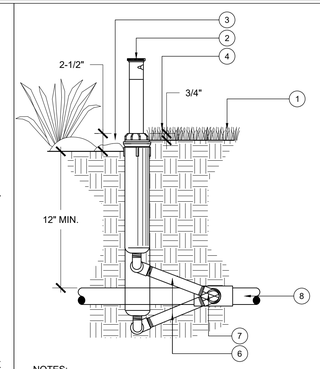
Scale: N.T.S.



1. FINISH GRADE.
2. SET TOP OF SPRINKLER AT FINISH TURF: 1/2" ABOVE IN SEED, 1-1/2" IN SOD, 2-1/2" IN PLANTER.
3. SPACING FROM HARDSCAPE: 1" MIN., 2" MAX. INSTALL FLUSH WITH ADJACENT HARDSCAPE AND PERPENDICULAR TO GRADE.
4. TOP OF MULCH/ EXISTING TURF.
5. EDGE OF PAVING OR FACE OF WALL.
6. POP-UP SPRAY SPRINKLER: SIZE AND MODEL PER IRRIGATION PLAN.
7. PVC TRIPLE SWING ASSEMBLY. THREADED ENDS SHALL BE SAME SIZE AS SPRINKLER INLET. SEE SPECS.
8. PVC NON-PRESURE LATERAL PIPE PER IRRIGATION PLAN.
9. PVC SCHEDULE 40 TEE (SLIP x SLIP x THREAD).
10. REFER TO LEGEND FOR TYPE OF NOZZLE.

2 POP-UP SPRAY SPRINKLER

Scale: N.T.S.



NOTES:

1. USE 3/4" TEFLON TAPE WHERE ELL MEETS TEE/ELL.
2. INSTALL HEADS PERPENDICULARLY PLUMB TO ADJACENT GRADE.
3. ADJUST NOZZLES/HEAD TO PREVENT OVERSPRAY ONTO PAVING, WALLS/FENCES, BUILDINGS, ETC.
4. INSTALL HEADS 24" FROM ALL HARDSCAPE EDGES.
5. INSTALL HEADS 12" FROM WALLS/ FENCES.

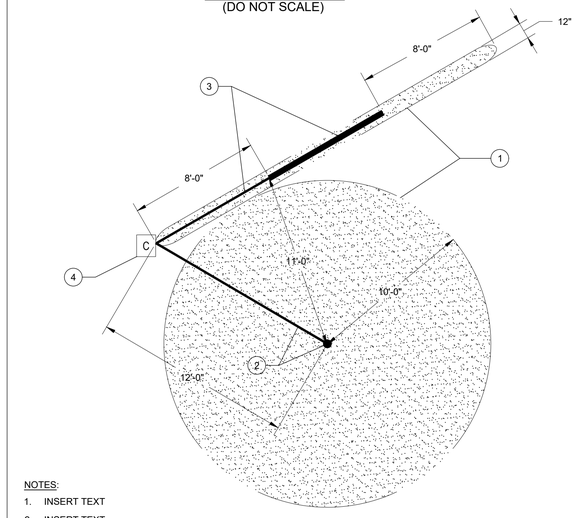
1. FINISH GRADE
2. POP-UP ROTOR HEAD, PER IRRIGATION EQUIPMENT LEGEND AND SPECS.
3. INSTALL HEAD 2-1/2" ABOVE FINISH GRADE AT SHRUB AND GROUND-COVER AREAS.
4. INSTALL HEAD 3/4" ABOVE FINISH GRADE AT TURF AREAS.
5. NATIVE SOIL COMPACTED TO ORIGINAL DENSITY AROUND HEAD.
6. TRIPLE SWING JOINT ASSEMBLY. THREADED ENDS SHALL BE SAME SIZE AS SPRINKLER INLET. 12" MIN. LENGTH FOR 12" POP-UP. SEE SPECS.
7. SCH. 40 PVC FITTING. SxSxT (TEE) OR SxT(ELL) AS REQUIRED, LATERAL X SPRINKLER INLET SIZE.
8. PVC NON-PRESSURE LATERAL LINE. SEE SPECS.

1 POP-UP ROTOR

Scale: N.T.S.

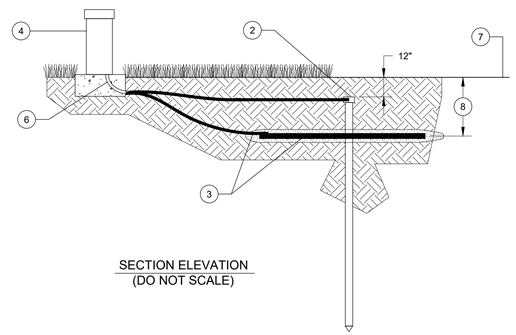
Keynotes:

Notes:



NOTES:

1. INSERT TEXT
2. INSERT TEXT



SECTION ELEVATION
(DO NOT SCALE)

1. ELECTRODE SPHERE OF INFLUENCE BOUNDARIES.
2. GROUND ROD WITH PRE-WELDED INSULATED CONDUCTOR (5/8" DIA. X 10' LONG). DRIVE INTO GROUND IN A VERTICAL POSITION OR AN OBLIQUE ANGLE NOT TO EXCEED 45°. USE WHEN POSSIBLE TO DRIVE STAKE INTO GROUND.
3. COPPER GROUND PLATE WITH PRE-WELDED INSULATED CONDUCTOR (SIZE: 4" X 96" X 0.0625"). USE WHEN IMPOSSIBLE TO DRIVE STAKE INTO GROUND OR WHEN DIRECTED BY CONTROLLER MANUFACTURER.
4. AUTOMATIC IRRIGATION CONTROLLER. REFER TO IRRIGATION LEGEND AND DWGS.
5. PVC SWEEP ELL, 1-1/2" MIN.
6. EARTH CONTACT MATERIAL
7. FINISH GRADE
8. 30" MINIMUM OR BELOW FROST LINE, WHICHEVER IS DEEPER.

NOTES:

1. THE GROUND GRID COMPONENTS MUST BE INSTALLED WITH THE DIMENSIONAL RELATIONSHIP SHOWN IN THE DETAIL. DO NOT INSTALL ANY OTHER WIRES, CABLES, AND ELECTRONIC EQUIPMENT WITHIN THE SPHERE OF INFLUENCE OF THE GROUNDING ELECTRODES.
2. INSTALLATION OF ALL COMPONENTS AND MUST MEET OR EXCEED THE AMERICAN SOCIETY OF IRRIGATION CONSULTANTS (ASIC) EARTH GROUNDING GUIDELINES AND BE AS APPROVED BY AUTOMATIC IRRIGATION CONTROLLER MANUFACTURER'S.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONNECT THE CONTROLLER TO EARTH GROUND IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE (NEC).
4. WHEN UTILIZING THE COPPER GROUND PLATE METHOD, THE CONTRACTOR SHALL UTILIZE A MINIMUM OF 100 LBS OF EARTH CONTACT MATERIAL. SPREAD MATERIAL SO THAT IT SURROUNDS THE COPPER PLAT EVENLY ALONG ITS LENGTH WITHIN A 6" WIDE TRENCH.
5. SALTS, FERTILIZERS, BENTONITE CLAY, CEMENT, CODE, CARBON, AND OTHER CHEMICALS ARE NOT BE BE USED TO IMPROVED SOIL CONDUCTIVITY.
6. ALL GROUNDING ELECTRODES SHALL BE UL LISTED OR MANUFACTURED TO MEET NEC CODE.
7. NO SPLICES ALLOWED UNLESS USING EXOTHERMIC WELDING PROCESS AND APPROVED BY CITY'S REPRESENTATIVE.
8. INSTALL ALL GROUNDING CIRCUIT COMPONENTS IN STRAIGHT LINES. WHEN NECESSARY TO MAKE A TURN OR BEND, IT SHALL BE DONE IN A SWEEPING CURVE WITH A MINIMUM RADIUS OF 8" AND A MINIMUM INCLUDED ANGLE OF 90°.
9. THE EARTH-TO-GROUND RESISTANCE IS TO BE MEASURED USING A MEGGER OR OTHER SIMILAR INSTRUMENT, AND THE READING IS TO BE NO MORE THAN 10 OHMS. IF THE RESISTANCE IS MORE THAN 10 OHMS, ADDITIONAL GROUND PLATES AND EARTH CONTACT MATERIAL ARE TO BE INSTALLED USING ASIC GUIDELINES.
10. IT IS REQUIRED THAT THE SOIL SURROUNDING COPPER ELECTRODES WITHIN THE SPHERE OF INFLUENCE BE KEPT AT A MNIMUM MOISTURE LEVEL OF 15% (BY VOLUME) AT ALL TIMES.
11. ALL GROUNDING COMPONENTS MUST BE CONNECTED TO THE EQUIPMENT BEFORE ANY OTHER CONNECTION IS MADE.

6 GROUNDING ROD/PLATE INSTALLATION

Scale: 1" = 1'-0"

1. TOP ENTRY 16" WIDE STAINLESS STEEL NEMA 3R RAINPROOF ENCLOUSRE (UL LISTED). SHOWN WITH TOP IN CLOSED POSITION. ENCLOSURE DIMENSIONS 16" WIDE X 38" HIGH X 15.5" DEEP).
2. CONTROLLER PANEL. MOUNTED FLUSH ON FACE OF ENCLOSURE. ASSEMBLED IN ENCLOSURE BY AUTHORIZED DISTRIBUTOR
3. TERMINAL STRIP FOR REMOTE CONTROL VALVE WIRE CONNECTIONS. ACTUAL STRIP MAY VARY BASED ON CONTROLLER OPTIONS SPECIFIED
4. POWER SWITCH/ GFCI RECEPTACLE
5. ELECTRICAL FLEX CONDUIT FOR POWER
6. 8" MIN. THICK, POURED-IN-PLACE CONCRETE PAD WITH ANCHOR BOLTS PER MANUFACTURER RECOMMENDATIONS. BEVEL EDGES, TYP. (LIGHT BROOM FINISH). SLOPE PAD WAY FROM CONTROLLER TO DRAIN. PAD SIZE TO BE 26" WIDE x 24" DEEP MIN. SIZE
7. FINISH GRADE
8. FLOW SENSOR TERMINAL BOARD
9. 1" SCH. 40 PVC CONDUIT AND SWEEP ELL WITH FLOW SENSOR CABLE
10. 2" SCH. 40 PVC CONDUIT AND SWEEP FOR 2-WIRE CABLES
11. 1" SCH. 40 PVC CONDUIT AND SWEEP ELL WITH MASTER VALVE WIRE
12. 1" SCH. 40 PVC CONDUIT AND SWEEP FOR 110VAC POWER CONDUCTOR. 24" MIN. BURIAL DEPTH. REFER TO ELECTRICAL DWGS.
13. 1" SCH. 40 PVC CONDUIT AND SWEEP ELL FOR GROUND WIRE
14. 10" ROUND VALVE BOX AROUND GROUND ROD. FILL WITH 3/4" WASHED PEA GRAVEL.
15. 5/8" DIAMETER X 8' LONG COPPER CLAD GROUND ROD WITH #6 GROUND WIRE AND CLAMP. LOCATE 8'-12' FROM ENCLOSURE.
16. #6 GROUND WIRE SECURED TO BACKBOARD GROUNDING TERMINAL.
17. ANCHOR BOLTS. SET IN WET CONCRETE FOOTING USING TEMPLATE.
18. LID IN OPEN POSITION
19. SEAL INTERIOR OF CABINET WITH DUCT SEAL
20. SEAL ENDS WITH DUCT SEAL AFTER WIRE INSTALLATION, TYP.
21. #6 PRECAST CONCRETE PULL BOX. LOCATE DIRECTLY ADJACENT TO CONCRETE FOOTING.
22. 6" DEEP CONCRETE COLLAR, TYP. OF (3) EDGES.
23. 3 CU. FT. 3/8" PEA GRAVEL
24. LANDSCAPE FABRIC AND 1/4" GALV. WIRE MESH, TYP.
25. PROVIDE 36" EXPANSION COILS AT ALL WIRE RUNS.
26. PROVIDE CUSTOM DECAL AND CONTROLLER ID ON THE EXTERIOR FRONT FACE OF THE CONTROLLER.
27. COMPACTED SUBGRADE TO 95%

NOTES:

1. CONTRACTOR SHALL ADJUST ALL IRRIGATION TO PREVENT OVERSPRAY ON CONTROLLER ENCLOSURE IF APPLICABLE.
2. CONTACT IRRITROL PRIOR TO ORDERING TO CONFIRM SPECIFIC CONTROLLER MODEL NUMBER AND ASSOCIATED COMPONENTS.
3. ALL CONTROLLER COMPONENTS MUST BE CERTIFIED BY CALSENSE.

5 AUTOMATIC IRRIGATION CONTROLLER 'Y' (PEDESTAL MOUNT)

Scale: 1" = 1'-0"

LICENSED LANDSCAPE ARCHITECT
BRIAN R. MATHER NO 6474
Signature
2/28/26
Renewal Date
9/17/2025
Date
STATE OF CALIFORNIA

ADDENDUM 1

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		DATE
	RCE NO.		EXPIRES

REVIEWED _____

BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

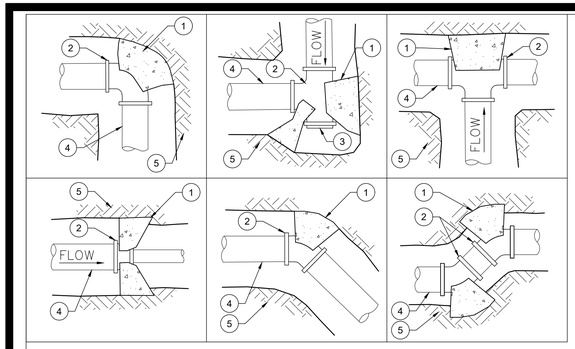
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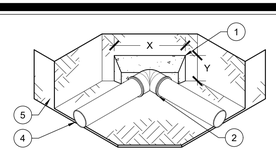
SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION DETAILS

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	L2.53
	SHEET OF

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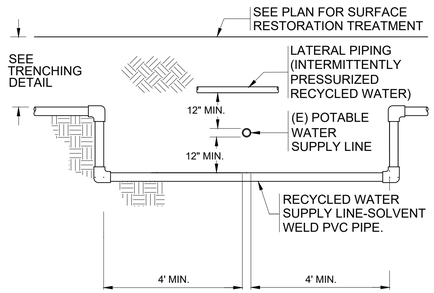
1. CONCRETE THRUST BLOCK, TYP.
2. PIPE FITTING, TYP.
3. CAP
4. PVC MAINLINE
5. UNDISTURBED SOIL

NOTES:

1. MAINLINES 2"-3" IN DIAMETER SHALL RECEIVE CONCRETE THRUST BLOCKS.
2. SUPPLY LINES OVER 3" SHALL HAVE IRON DUCTILE RESTRAINT SYSTEM.
3. INSTALL AND TEST MAINLINE IN ACCORDANCE TO MANUFACTURER'S INSTALLATION SPECIFICATIONS. A MINIMUM OF 6" CONCRETE SHALL BE POURED ON VIRGIN OR COMPACTED SOIL.
4. USE #4 REBAR WITH MASTIC COATING WHERE PIPE MUST BE ANCHORED TO THRUST BLOCK.
5. CONCRETE THRUST BLOCKING, CAST-IN-PLACE, TO EXTEND FROM BELLS OF FITTINGS TO UNDISTURBED SOIL AND ENTIRE BEARING AREA MUST BE AGAINST UNDISTURBED SOIL. INSTALL THRUST BLOCK WITH A MINIMUM THICKNESS FROM THE PIPE TO THE UNDISTURBED SOIL TWO TIMES THE DIAMETER OF THE PIPE.
6. THRUST BLOCK SHALL BE FORMED ON THE SIDES TO ESTABLISH A DEFINITE SHAPE AND LIMIT ON HEIGHT AND WIDTH SUBJECT TO APPROVAL BY UNIVERSITY'S REPRESENTATIVE BEFORE ORDERING CONCRETE.
7. THRUST BLOCK SIZING ASSUMES TEST PRESSURE OF 200 PSI, A MAXIMUM VELOCITY OF 5 FPS, AND A HORIZ. SOIL BEARING CAPACITY OF 1000 LBS/SQUARE FOOT.
8. SAFE BEARING LOAD OF SOIL FOR HORIZONTAL THRUST SHALL NOT BE EXCEEDED.
9. PROVISIONS SHALL BE MADE TO INSURE THAT PIPE JOINTS, FITTINGS AND VALVES ARE NOT COVERED UNNECESSARILY. PROTECT PVC PIPE WITH PIPE WRAP.

2 THRUST BLOCKS FOR PLASTIC PIPE (3" MAINLINE AND SMALLER)

Scale: N.T.S.



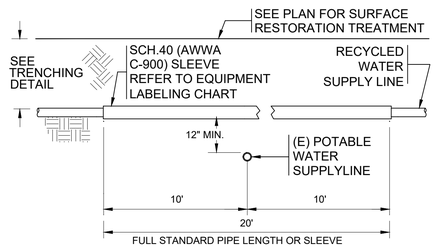
RECYCLED WATER SUPPLY LINE UNDER POTABLE WATER SUPPLYLINE

TRENCHING NOTES:

1. REFER TO LANDSCAPE STANDARD TRENCHING DETAILS.

PIPE SEPARATION NOTES:

1. RECYCLED WATER PRESSURE MAINLINE PIPING MUST BE LOCATED A MINIMUM OF 12 INCHES BELOW THE POTABLE WATER SUPPLY LINES AND A MINIMUM 10' HORIZONTAL CLEARANCE ON EITHER SIDE.
2. RECYCLED WATER PRESSURE MAINLINE PIPELINES ARE ALLOWED OVER POTABLE PIPELINES WITH A MINIMUM OF 12 INCHES VERTICAL SEPARATION IF A FULL STANDARD PIPE LENGTH IS CENTERED OVER THE CROSSING, OR THE RAIN/NON-POTABLE PIPELINE IS SLEEVED FOR THE SAME LENGTH. IF INSTALLED BELOW AND THE SEPARATION HAS TO BE LESS THAN 12 INCHES, PIPE MUST BE INSTALLED IN A PROTECTIVE SLEEVE.
3. RECYCLED WATER LATERALS (INTERMITTENTLY PRESSURIZED PIPELINES) ARE ALLOWED TO CROSS OVER POTABLE WATER PIPELINES WITH A MINIMUM OF 12 INCHES VERTICAL SEPARATION.
4. A MINIMUM: HORIZONTAL SEPARATION OF 4' BETWEEN PARALLEL, BURIED RECYCLED WATER AND POTABLE WATER PIPELINES SHOULD BE MAINTAINED.
5. SEWER PIPE MUST BE KEPT AT A MINIMUM 12" BELOW RECYCLED WATER LINE.



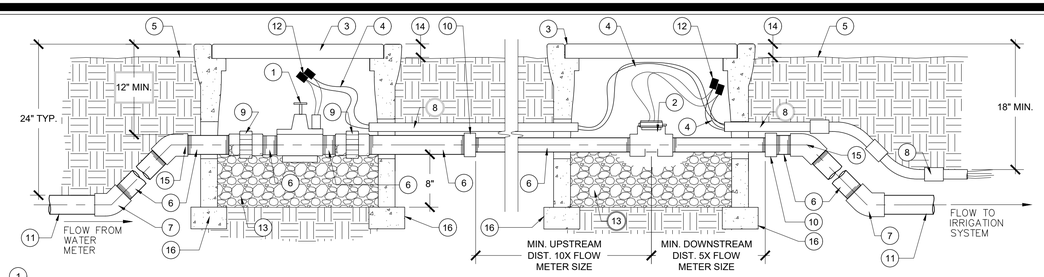
FULL STANDARD PIPE LENGTH OR SLEEVE

NOTES: 1. IF FULL PIPE LENGTH NOT USED, THEN SLEEVE.
2. IF TIE-IN TO EXISTING IRRIGATION IS NEEDED, AT LESS THAN 10', THEN SLEEVE UP TO THAT POINT.

RECYCLED WATER SUPPLY LINE OVER POTABLE WATER SUPPLY LINE

4 RECYCLED WATER IRRIGATION SUPPLY LINE OVER/UNDER POTABLE WATER SUPPLY LINE

Scale: N.T.S.



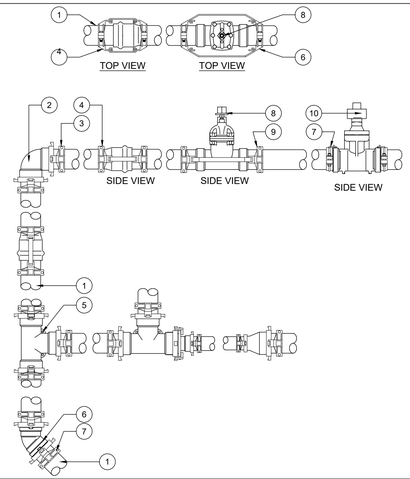
1. MASTER VALVE: MODEL & SIZE PER LEGEND.
2. FLOW SENSOR SIZE AND MODEL PER LEGEND.
3. PLASTIC RECTANGULAR VALVE BOX WITH BOLT DOWN LID. TOP DIMENSION: 14" X 19", OR APPROVED EQ. TOP OF LID SHALL BE PERMANENTLY MARKED "MV" FOR MASTER VALVE AND 'FS' FOR FLOW SENSOR AS REQ'D. BOX COLOR: GREEN.
4. (4) #14 WIRES, FROM CONTROLLER TO MASTER VALVE AND FLOW SENSOR. MASTER VALVE WIRE SHALL BE (1) BLUE COLORED AND (1) WHITE COLRED; FLOW SENSOR WIRE SHALL BE (1) RED COLORED AND (1) BLACK COLORED.
5. FINISH GRADE.
6. SCH 80 PVC NIPPLE, SIZE AS REQUIRED.
7. SCH.80 PVC ELL, 45°, (S X TH).
8. SCH. 40 PVC CONDUIT/COUPLINGS & WIRES TO CONTROLLER, REFER TO CONTROLLER DETAIL.
9. SCH. 80 PVC UNION, TYP.
10. SCH.80 PVC REDUCER COUPLING IF REQUIRED.
11. PVC MAINLINE. REFER TO LEGEND.
12. WATERPROOF ELEC CONNECTOR, PER WIRE SPLICING DETAIL.
13. 6" - 8" OF PEA GRAVEL IN VALVE BOXES.
14. SET TOP OF BOX ABOVE FINISH GRADE: 1/2" IN SEED, 1-1/2" IN SOD, 2-1/2" IN PLANTER.
15. SCH.80 PVC ELL, 45°, (TH X TH).
16. COMMON BRICK UNDER EACH CORNER.

1 FLOW METER AND MASTER CONTROL VALVE

Scale: N.T.S.

NOTES:

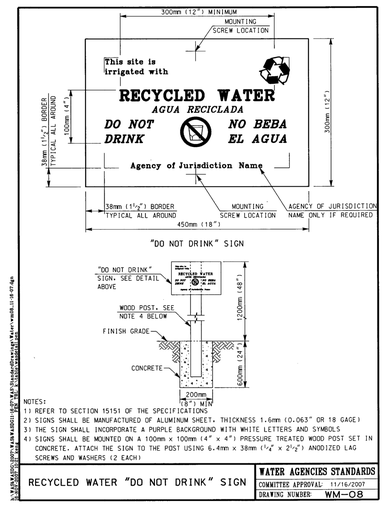
1. ALL IRON DUCTILE FITTINGS SHALL BE EPOXY COATED WITH INNER GASKET PER SPECS.
2. ALL FITTINGS AND BELL & GASKET COUPLINGS SHALL BE RESTRAINED AS SHOWN.
3. ALL LUGS SHALL BE STAINLESS STEEL AND TIGHTENED PER MANUFACTURER TORQUE CHART.



1. GASKETED MAINLINE, PER SPECS.
2. EPOXY COATED IRON DUCTILE GASKETED 90 DEGREE ELBOW
3. JOINT RESTRAINT WITH STAINLESS STEEL LUGS, TYP.
4. JOINT RESTRAINT FOR BELL & GASKETED COUPLING (PIPE TO PIPE)
5. EPOXY COATED IRON DUCTILE GASKETED TEE
6. EPOXY COATED IRON DUCTILE GASKETED 45 OR 22-1/2 DEGREE ELL
7. JOINT RESTRAINT WITH STAINLESS STEEL LUGS, TYP.
8. GASKETD GATE VALVE, PER LEGEND
9. RESTRAIN IF VALVE WITHOUT BUILT-IN RESTRAINT IS USED
10. GATE VALVE WITH BUILT-IN RESTRAINT

3 MAINLINE RESTRAINTS (4" AND LARGER)

Scale: 1" = N.T.S.



NOTES:
1) REFER TO SECTION 15151 OF THE SPECIFICATIONS
2) SIGNS SHALL BE MANUFACTURED OF ALUMINUM SHEET. THICKNESS 1.6mm (0.063" OR 18 GAGE)
3) THE SIGN SHALL INCORPORATE A PURPLE BACKGROUND WITH WHITE LETTERS AND SYMBOLS
4) SIGNS SHALL BE MOUNTED ON A 100mm x 100mm (4" x 4") PRESSURE TREATED WOOD POST SET IN CONCRETE. ATTACH THE SIGN TO THE POST USING 6.4mm x 38mm (¼" x 2½") ANODIZED LAG SCREWS AND WASHERS (2 EACH)

RECYCLED WATER "DO NOT DRINK" SIGN

WATER AGENCIES STANDARDS
COMMITTEE APPROVAL 11/16/2007
DRAWING NUMBER WM-08

Keynotes:

Notes:

ADDENDUM 1



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		9/17/25	JJL	ADDENDUM 1	1
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. LEAL	J. LEAL	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
LANDSCAPE IRRIGATION DETAILS

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L2.54

SHEET OF

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TREE PROTECTION NOTES:

1. PROTECTION BARRIER: A PROTECTION BARRIER SHALL BE INSTALLED AROUND THE TREE (OR TREES) TO BE PRESERVED. THE BARRIER SHALL BE CONSTRUCTED OF DURABLE FENCING MATERIAL, SUCH AS PLASTIC CONSTRUCTION FENCING, OR CHAIN-LINK FENCING. THE BARRIER SHALL BE PLACED AS FAR FROM THE BASE OF THE TREE(S) AS POSSIBLE, PREFERABLY AT THE DRIP LINE. THE FENCING SHALL BE MAINTAINED IN GOOD REPAIR THROUGHOUT THE DURATION OF THE PROJECT, AND SHALL NOT BE REMOVED, RELOCATED, OR ENCROACHED UPON WITHOUT PERMISSION OF THE ARBORIST INVOLVED.
2. STORAGE OF MATERIALS: THERE SHALL BE NO STORAGE OF MATERIALS OR SUPPLIES OF ANY KINDS WITHIN THE AREA OF THE PROTECTION BARRIERS. CONCRETE AND CEMENT MATERIALS, BLOCK, STONE, SAND AND SOIL SHALL NOT BE PLACED WITHIN THE DRIPLINE OF THE TREE.
3. NO VEHICLE OR EQUIPMENT IS TO BE OPERATED OR PARKED UNDER A TREE, NOR ARE ANY MATERIALS TO BE STORED WITHIN THE DRIPLINE OF A TREE OR LEANED AGAINST A TREE TRUNK. DO NOT PILE OR COMPACT SOIL WITHIN A DRIPLINE.
4. NO CHEMICAL HERBICIDES ARE TO BE USED WITHIN 100 FEET OF A TREE'S DRIPLINE.
5. DO NOT STRIP TOPSOIL AROUND TREES. ANY VEGETATION TO BE REMOVED SHOULD BE REMOVED BY CUTTING AT GROUND LEVEL RATHER THAN PULLING OUT BY EQUIPMENT.
6. FUEL STORAGE: FUEL STORAGE SHALL NOT BE PERMITTED WITHIN 150 FEET OF ANY TREE TO BE PRESERVED. REFUELING, SERVICING AND MAINTENANCE OF EQUIPMENT AND MACHINERY SHALL NOT BE PERMITTED WITHIN 150 FEET OF PROTECTED TREES.
7. DEBRIS AND WASTE MATERIALS: DEBRIS AND WASTE FROM CONSTRUCTION OR OTHER ACTIVITIES SHALL NOT BE PERMITTED WITHIN PROTECTED AREAS. WASH DOWN OF CONCRETE OR CEMENT HANDLING EQUIPMENT, IN PARTICULAR, SHALL NOT BE PERMITTED WITHIN 150 FEET OF PROTECTED TREES.
8. GRADE CHANGES: GRADE CHANGES CAN BE PARTICULARLY DAMAGING TO TREES. EVEN AS A LITTLE AS TWO INCHES OF FILL CAN CAUSE THE DEATH OF A TREE. LOWERING THE GRADE CAN DESTROY MAJOR PORTIONS OF THE ROOT SYSTEM. ANY GRADE CHANGES PROPOSED SHOULD BE APPROVED BY A REGISTERED CONSULTING ARBORIST BEFORE CONSTRUCTION BEGINS, AND PRECAUTIONS TAKEN TO MITIGATE POTENTIAL INJURIES.
9. DAMAGES: ANY DAMAGES OR INJURIES TO TREES SHALL BE REPORTED TO THE PROJECT ARBORIST AS SOON AS POSSIBLE. SEVERED ROOTS SHALL BE PRUNED CLEANLY TO HEALTHY TISSUE USING PROPER PRUNING TOOLS. BROKEN BRANCHES OR LIMBS SHALL BE PRUNED ACCORDING TO INTERNATIONAL SOCIETY OF ARBORICULTURE PRUNING GUIDELINES AND ANSI A-300 PRUNING STANDARDS.
10. PREVENTATIVE MEASURES: BEFORE CONSTRUCTION BEGINS, FERTILIZATION OF AFFECTED TREES IS RECOMMENDED TO IMPROVE TREE VIGOR AND HEALTH. SOIL ANALYSES TESTING SHOULD BE COMPLETED TO ASSURE FERTILIZATION WITH THE APPROPRIATE FERTILIZER PRODUCTS. PRUNING OF THE TREE CANOPIES AND BRANCHES SHOULD BE DONE AT THE DIRECTION OF THE PROJECT ARBORIST TO REMOVE ANY DEAD OR BROKEN BRANCHES AND TO PROVIDE NECESSARY CLEARANCES FOR THE CONSTRUCTION EQUIPMENT.
11. HAND DIG VERTICAL TRENCH AT THE FINAL CUT LINE TO FINAL GRADE AND CLEANLY CUT ANY ROOTS ENCOUNTERS BEFORE SEALING WITH APPROVED TREE SEAL. THIS PROCEDURE IS TO PROTECT THE ROOT SYSTEM FROM UNNECESSARY DAMAGE BY EXCAVATION EQUIPMENT.
12. CONTRACTOR IS RESPONSIBLE FOR THE HEALTH OF EXISTING TREES DURING CONSTRUCTION AND MAINTENANCE PERIOD. DURING CONSTRUCTION THE IMPACTED TREES SHALL BE CLOSELY MONITORED TO FURTHER MITIGATE SHOCK SYMPTOMS IF THEY OCCUR. THE CONTRACTOR SHOULD BE PREPARED TO PROVIDE TEMPORARY WATER TO IRRIGATE AND WASH THE DUST FROM THE FOLIAGE IF NEEDED. CONTACT THE ARBORIST IF A DECLINE IN TREE CONDITION IS NOTED.

FINE GRADING NOTES

1. FINE GRADING SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE IN THE FIELD PRIOR TO IRRIGATION INSTALLATION, SOIL PREPARATION AND PLANTING. ALL PLANTING AREAS SHALL BE GRADES TO THE ELEVATIONS INDICATED ON THE CIVIL ENGINEER'S PLANS.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 2% DRAINAGE AWAY FROM ALL BUILDINGS, STRUCTURES, AND WALLS. FINISHED GRADES SHALL BE SMOOTHED TO ELIMINATE PUDDLING OR STANDING WATER.
3. EXCESS SOIL FROM LANDSCAPE GRADING SHALL BE REMOVED AND DISPOSED OF OFF-SITE BY CONTRACTOR.
4. REFER TO CIVIL ENGINEER'S DRAWINGS FOR GRADING AND DRAINAGE INFORMATION AND OTHER RELATED NON-LANDSCAPE WORK. VERIFY ON-SITE AND REPORT DISCREPANCIES TO OWNER'S REPRESENTATIVE BEFORE START OF ANY WORK ON THIS CONTRACT.
5. COMPACTED SOIL IN ALL PLANTING AREAS SHALL BE RIPPED TO A DEPTH OF EIGHTEEN (18) INCHES PRIOR TO SOIL AMENDMENT WORK.

PLANTING NOTES:

1. THE PLANTING PLAN IS DIAGRAMMATIC. ALL PLANT LOCATIONS ARE APPROXIMATE. ON CENTER SPACING AND SYMBOLS TAKE PRECEDENCE OVER PLANT QUANTITIES SPECIFIED. QUANTITIES, IF SHOWN ON THE PLANTING PLAN ARE APPROXIMATE AND ARE FOR REFERENCE ONLY. CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF DISCREPANCIES BETWEEN QUANTITIES AND THE SYMBOLS SHOWN. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PLANT COUNTS AND SQUARE FOOTAGES.
2. TREE LOCATION MAY BE ADJUSTED TO AVOID CONFLICTS WITH UNDERGROUND UTILITIES. CONSULT WITH OWNER'S REPRESENTATIVE PRIOR TO ADJUSTMENT OF TREE LOCATIONS, ESPECIALLY THOSE ARRANGED ON A SPECIFIED MODULE OR IN A GRID PATTERN.
3. CONTRACTOR SHALL ACCOMPANY THE PROJECT AGRONOMIST TO THE SITE FOR THE PURPOSE OF TAKING SOIL SAMPLES, CONDUCTING PERCOLATION TESTS, AND REVIEWING EXISTING SITE CONDITIONS. THE QUANTITY OF SAMPLES ARE NOTED IN THE SPECIFICATIONS. SUBMIT SOIL TEST RESULTS AND RECOMMENDATIONS TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO SOIL PREPARATION. THIS REQUIREMENT APPLIES TO ALL SOILS AND CONDITIONS WITHIN THIS PROJECT. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS.
4. 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 OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION, FOR CLARIFICATION.
5. CONTRACTOR SHALL GIVE NOTICE OF PLANTING (3) BUSINESS DAYS PRIOR TO INSTALLATION. CONTRACTOR SHALL LAY OUT PLANT MATERIAL PRIOR TO INSTALLATION FOR OWNER'S REPRESENTATIVE'S REVIEW AND APPROVAL.
   a. CENTERPOINTS OF TREES SHOULD BE STAKED WITH GRADE LATH STAKES. CONTAINER SIZE AND PLANT NAME SHALL BE NOTED ON EACH STAKE.
   b. SHRUBS SHALL BE PLACED IN THEIR "FINAL" LOCATIONS.
   c. OWNER'S REPRESENTATIVE HAS THE RIGHT TO ADJUST PLANT LOCATIONS AND SPACING UPON REVIEWING IN THE FIELD.
   d. ALL PLANTED AREAS SHALL BE WEED FREE PRIOR TO PLANTING.
6. IF CONFLICTS ARISE BETWEEN ACTUAL SIZE OF PLANTING AREAS ON-SITE AND THOSE AREAS INDICATED ON DRAWINGS, CONTACT OWNER'S AUTHORIZED REPRESENTATIVE FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOW TO OWNER'S AUTHORIZED REPRESENTATIVE IN A TIMELY FASHION MAY RESULT IN CONTRACTOR'S OWN LIABILITY TO RELOCATE PLANT MATERIALS.
7. REFER TO PLANTING DETAILS FOR ALL INSTALLATION AND STAKING REQUIREMENTS.
8. TREES INSTALLED WITHIN 10' OF CONCRETE REQUIRE ROOT CONTROL BARRIERS. UNLESS OTHERWISE SPECIFIED, A 12' LONG X 2' DEEP LINEAR BARRIER SHALL BE INSTALLED AT EDGE OF PAVEMENT/STRUCTURE, WITH LENGTH CENTERED AT THE TREE TRUNK.
9. NURSERY STAKES SHALL BE REMOVED AFTER PLANTING TREES AND STAKING OR GUYING AS SHOWN ON PLANS AND AS DIRECTED BY OWNER'S REPRESENTATIVE.
10. TREES PLANTED IN TURF AREAS SHALL HAVE TRUNKS PROTECTED WITH PERFORATED POLYETHYLENE TREE TRUNK PROTECTORS (ARBOR-GARD+ OR EQUAL).
11. CONTRACTOR IS RESPONSIBLE FOR PRUNING TREES AS DIRECTED BY OWNER'S REPRESENTATIVE. NO PRUNING IS TO BE DONE UNLESS DIRECTED.
12. TRIANGULAR SPACE GROUNDCOVERS AND SHRUBS, UNLESS OTHERWISE INDICATED ON DRAWINGS.
13. SEE DETAIL FOR PLACEMENT OF SHRUBS IN IRREGULARLY SHAPED PLANTING AREAS.
14. MULCH ALL AREAS (EXCEPT SLOPES 2:1 AND GREATER, ROOTED CUTTINGS, AND AS NOTED ON PLANS) WITH 3" LAYER OF SPECIFIED MATERIAL.
15. ALL SLOPES 2:1 OR GREATER SHALL BE STABILIZED WITH JUTE MESH PRIOR TO PLANTING. DO NOT INSTALL JUTE MESH ON SEEDED SLOPES.
16. WHERE GROUNDCOVER IS SHOWN ON PLANS: GROUNDCOVER PLANTING CONTINUES UNDER SHRUBS AND TREES AT SPECIFIED SPACING. DO NOT PLANT GROUNDCOVER IN SHRUB/TREE WATERING BASINS.
17. CONTRACTOR SHALL MAINTAIN ALL PLANTING FOR A PERIOD OF NINETY (90) DAYS AFTER COMPLETION AND ACCEPTANCE BY OWNER'S REPRESENTATIVE, UNLESS OTHERWISE NOTED IN SPECIFICATIONS. ALL AREAS SHOULD BE KEPT CLEAN, WATERED AND WEED-FREE.
18. PRIOR TO END OF MAINTENANCE PERIOD, LANDSCAPE CONTRACTOR SHALL CONTACT OWNER AND ARRANGE A FINAL WALKTHROUGH INSPECTION BY OWNER'S REPRESENTATIVE. OWNER MUST ACCEPT ALL MAINTAINED AREAS IN WRITING PRIOR TO END OF MAINTENANCE PERIOD. OWNER SHALL BE RESPONSIBLE FOR FUTURE MAINTENANCE AFTER THE MAINTENANCE PERIOD AND FINAL WALK THROUGH.

TREE DISPOSITION SYMBOLS:

P.I.P — PROTECT IN PLACE (SEE 3/L3.52)

KEY	ITEM / DESCRIPTION	COLOR	FINISH	SUPPLIER	COMMENTS
L-01	CABLE TRELLIS	SILVER	STAINLESS STEEL	CARL STAHL (312) 474-1100	SEE ARCH. DWGS.

TREE LEGEND:

SYMBOL	BOTANICAL NAME "COMMON NAME"	SIZE (HTxSPR)	WUCOLS	COMMENTS	DETAIL
	CASSIA LEPTOPHYLLA "GOLD MEDALLION TREE"	36" BOX (xx)	MODERATE (0.5)	STANDARD	1,4/L3.51
	CERCIS OCCIDENTALIS "WESTERN REDBUD"	36" BOX (8'x3')	LOW (0.3)	STANDARD	1,4/L3.51
	CERCIS OCCIDENTALIS "WESTERN REDBUD"	36" BOX (5-6' x 5-6')	LOW (0.3)	MULTI-TRUNK	1,4/L3.51
	CHILOPSIS LINEARIS "DESERT WILLOW"	36" BOX (8'x4')	VERY LOW (0.1)	STANDARD	1,4/L3.51
	GEIJERA PARVIFLORA "AUSTRALIAN WILLOW"	36" BOX (9'x4')	LOW (0.3)	STANDARD	1,4/L3.51
	PLATANUS RACEMOSA "CALIFORNIA SYCAMORE"	60" BOX (16-18' X 10-12')	MODERATE (0.5)	MULTI-TRUNK	2/L3.51

SHRUB, VINE & GROUNDCOVER LEGEND:

SYMBOL	BOTANICAL NAME "COMMON NAME"	SIZE (HTxSPR)	WUCOLS	COMMENTS	DETAIL
	ARISTIDA PURPUREA "PURPLE THREE-AWN"	5 GAL 12"x5"	VERY LOW (0.1)	-	5,8/L3.51
	ASPIDISTRA ELATIOR "CAST IRON PLANT"	5 GAL 12"x6"	MODERATE (0.5)	-	6,8/L3.51
	BACCHARIS PILULARIS 'PIGEON POINT' "DWARF COYOTE BRUSH"	5 GAL 8"x8"	LOW (0.3)	36" O.C. TRIANGULAR SPACING	6,8/L3.51
	CEANOTHUS 'CENTENNIAL' "CENTENNIAL CEANOTHUS"	5 GAL 6"x8"	LOW (0.3)		5,8/L3.51
	DODONAEA VISCOSA "HOPSEED BUSH"	15 GAL 4'x2'	LOW (0.3)	-	5,8/L3.51
	CAMPSIS RADICANS "TRUMPET VINE"	5 GAL 3'x1'	MODERATE (0.5)	-	5,8/L3.51
	DIETES BICOLOR FORTNIGHT LILY	5 GAL 12"x8"	LOW (0.3)	-	5,8/L3.51
	LOMANDRA LONGIFOLIA "SPINY HEADED MAT RUSH"	5 GAL 12"x8"	LOW (0.3)	-	5,8/L3.51
	MIMULUS AURANTIACUS PUNICEUS "RED BUSH MONKEY FLOWER"	5 GAL 12"x8"	LOW (0.3)	-	5,8/L3.51
	MUHLENBERGIA DUBIA "PINE MUHLY"	1 GAL 8"x6"	LOW (0.3)	42" O.C. TRIANGULAR SPACING	6,8/L3.51
	MYOPORUM PARVIFOLIUM "MYOPORUM"	5 GAL (10"x6")	LOW (0.3)	-	5,8/L3.51
	PELARGONIUM 'CITRONELLA' "SCENTED GERANIUM"	5 GAL (12"x12")	MODERATE (0.5)	-	5,8/L3.51
	PENSTEMON SPECTABILIS "SHOWY PENSTEMON"	5 GAL 10"x6"	LOW (0.3)	-	5,8/L3.51
	PHILODENDRON "XANADU" "XANADU PHILODENDRON"	1 GAL 1'x1'	MODERATE (0.5)	-	5,8/L3.51
	SALVIA 'BEE'S BLISS' "BEE'S BLISS SAGE"	5 GAL 8"x6"	LOW (0.3)	-	5,8/L3.51
	SENECIO SERPENS "BLUE CHALKSTICKS"	1 GAL 6"x9"	LOW (0.3)	15" O.C.	6,8/L3.51
	VERBENA LILICIANA 'DE LA MINA' "CEDROS ISLAND VERBENA"	5 GAL 12"x8"	LOW (0.3)	36" O.C. TRIANGULAR SPACING	6,8/L3.51

BIOBASIN MIX

	CAREX PRAEGRACILIS "CLUSTERED FIELD SEDGE"	1 GAL 8"x5"	MODERATE (0.5)	2' O.C., 35% OF TOTAL	-
	JUNCUS PATENS "COMMON RUSH"	1 GAL 10"x5"	LOW (0.3)	30" O.C., 50% OF TOTAL	-
	ANEMOPSIS CALIFORNICA "YERBA MANSA"	1 GAL 6"x5"	MODERATE (0.5)	2' O.C., 15% OF TOTAL	-
	DECOMPOSED GRANITE MULCH AT PARKING LOT DIAMONDS "CALIFORNIA GOLD"	-	-	UNSTABILIZED	2/L3.52

Keynotes:

Notes:

LICENSED LANDSCAPE ARCHITECT — JOHN R. MATHER NO. 4772 — Signature — 2/28/26 Renewal Date — 8/28/2025 Date — STATE OF CALIFORNIA

ADDENDUM 1

SANTEE COMMUNITY CENTER - PLANTING LEGEND AND NOTES

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:					
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. SALAZAR	F.SUAREZ	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED _____ BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

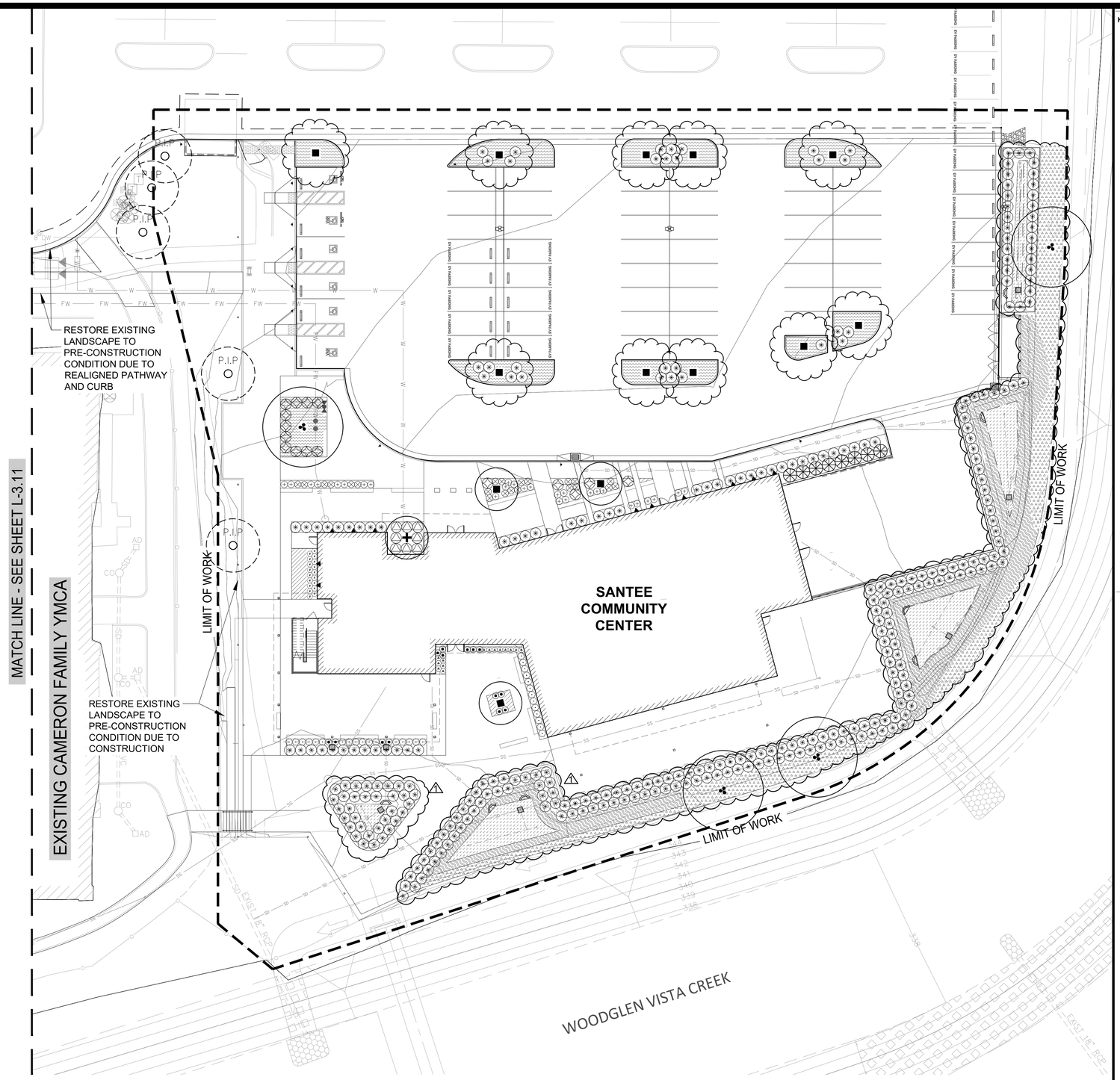
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER LANDSCAPE PLANTING NOTES

CITY W.O. NO.: CIP 2018-31

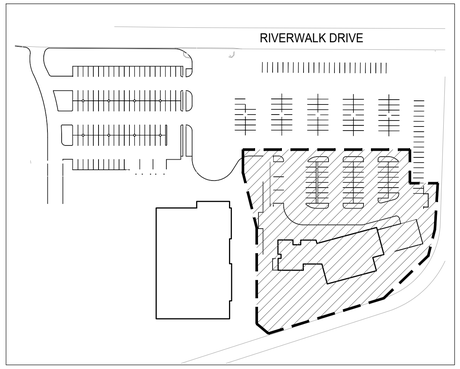
DRAWING NO.: L3.00 — SHEET OF

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



KEYMAP



0 10' 20' 40'

NORTH

Keynotes:

Notes:

LICENSED LANDSCAPE ARCHITECT
ERIC R. MATHER NO. 6344
Signature
2/28/26
Renewal Date
9/16/2025
Date
STATE OF CALIFORNIA

ADDENDUM 1

SANTEE COMMUNITY CENTER - PLANTING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		9/17/25	FS	ADDENDUM 1	1
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. SALAZAR	F.SUAREZ	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED

BY
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
LANDSCAPE PLANTING PLAN

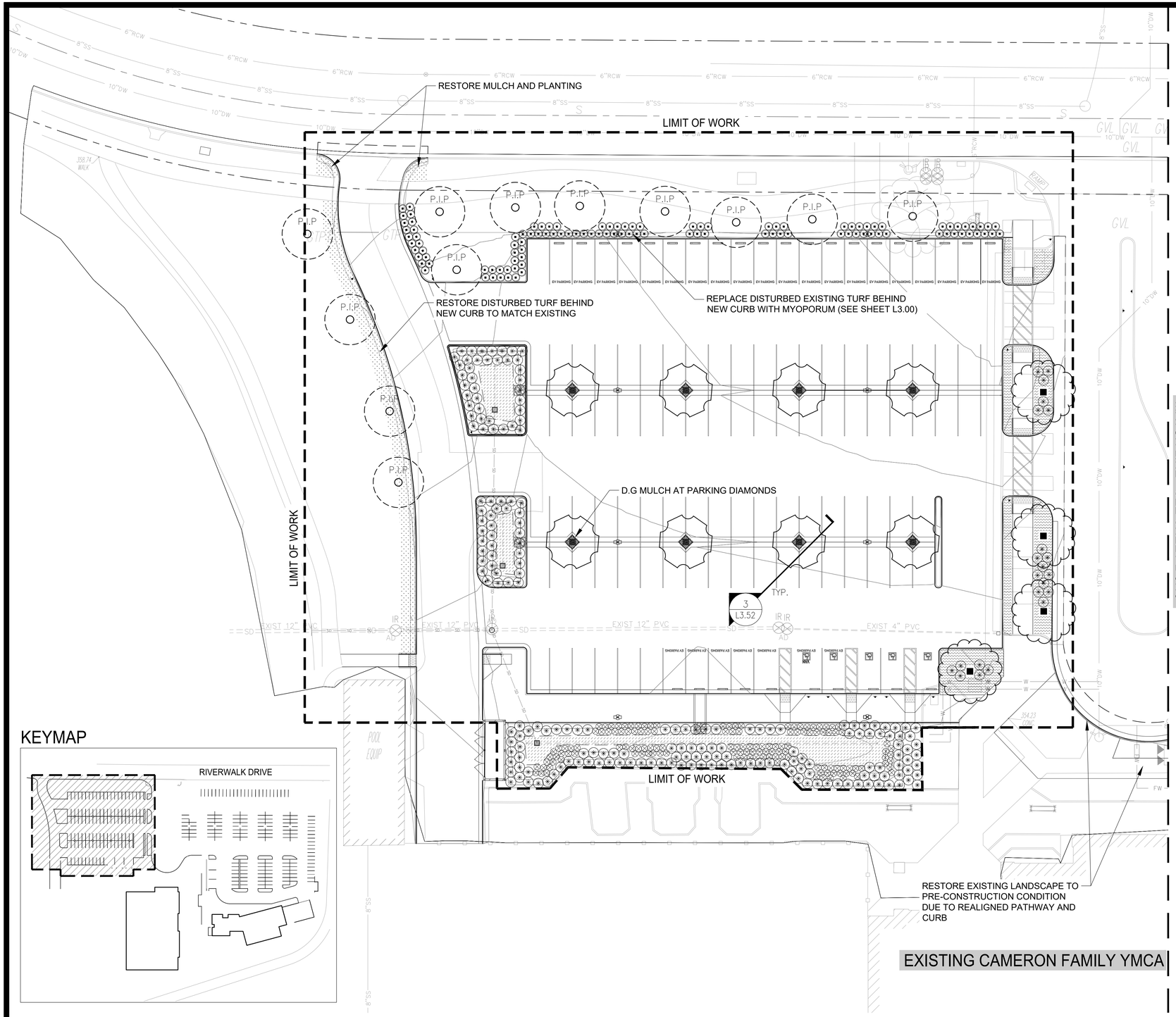
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L3.10

SHEET OF

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KEYMAP

0 10' 20' 40'

NORTH

Keynotes:

Notes:

LICENSED LANDSCAPE ARCHITECT
JOHN R. MATHER NO. 5641
Signature
2/28/26
Renewal Date
9/16/2025
Date
STATE OF CALIFORNIA

ADDENDUM 1

SANTEE COMMUNITY CENTER - PLANTING PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. SALAZAR	F.SUAREZ	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO. _____	DATE _____	EXPIRES _____

REVIEWED _____

BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

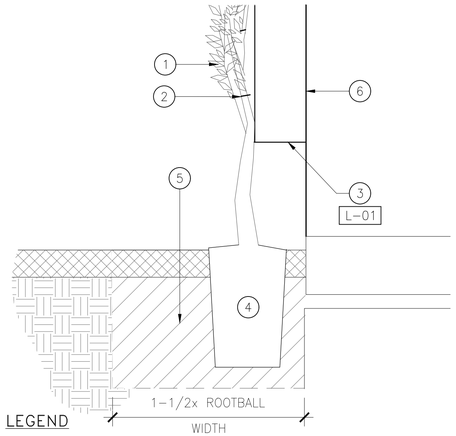
IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER
LANDSCAPE PLANTING PLAN

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	L3.11
	SHEET OF

Please Recycle

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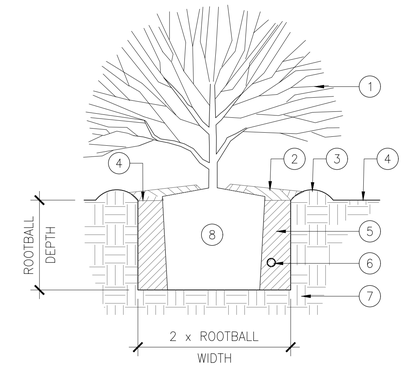


LEGEND

1. VINE.
2. ATTACH TO CABLE TRELLIS WITH PLASTIC NURSERY FASTNERS.
3. CABLE TRELLIS; BUILDING ATTACHMENTS PER ARCH DWGS.
4. ROOTBALL.
5. AMENDED BACKFILL PER SPECS.
6. BUILDING FACE.

7 VINE AT CABLE TRELLIS

SCALE: 1-1/2" = 1'-0" xxxxxx.dwg

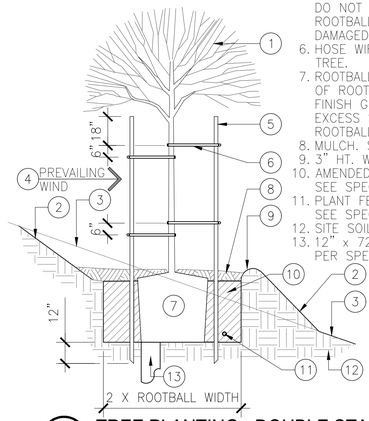


KEYNOTE LEGEND

1. SHRUB.
2. MULCH. SEE SPECIFICATIONS.
3. 3" HT WATERING BASIN.
4. FINISH GRADE.
5. AMENDED BACKFILL. SEE SPECIFICATIONS.
6. FERTILIZER TABLET. SEE SPECIFICATIONS.
7. SITE SOIL.
8. ROOTBALL. SET TOP OF ROOTBALL 2" ABOVE FINISH.

5 SHRUB PLANTING

SCALE: N.T.S. 32 90 00 SHRUB PLANTING.dwg



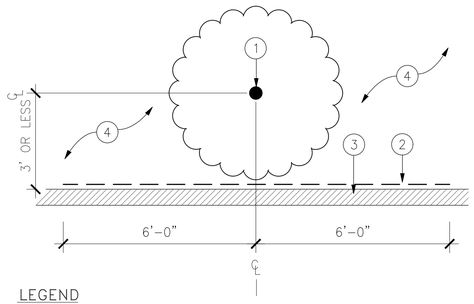
LEGEND

1. TREE.
2. FINISH GRADE @ TREE-SLOPE NOT TO EXCEED 1.5:1.
3. EXISTING GRADE. SLOPE VARIES.
4. STAKES TO BE PLACED IN ALIGNMENT WITH PREVAILING WIND.
5. 3" x 10' LODGEPOLE PINE STAKE. DO NOT DRIVE STAKE THROUGH ROOTBALL. CUT OFF TOP SECTION DAMAGED BY HAMMERING.
6. HOSE WIRE TREE TIE, 4 PER TREE.
7. ROOTBALL. PLANT SO TOP OF ROOTBALL IS 2" ABOVE FINISH GRADE. DO NOT ALLOW EXCESS SOIL TO COVER TOP OF ROOTBALL OR EXPOSE SIDES.
8. MULCH. SEE SPECIFICATIONS.
9. 3" HT. WATERING BASIN.
10. AMENDED BACKFILL. SEE SPECIFICATIONS.
11. PLANT FERTILIZER TABLET. SEE SPECIFICATIONS.
12. SITE SOIL.
13. 12" x 72" SANDFILLED SUMP, PER SPECS.

NOTE:
FOR OTHER STAKING CONFIGURATIONS, REFER TO OTHER DETAILS.

3 TREE PLANTING - DOUBLE STAKE ON SLOPE

SCALE: NTS 32 90 00 TREE - SLOPE.dwg

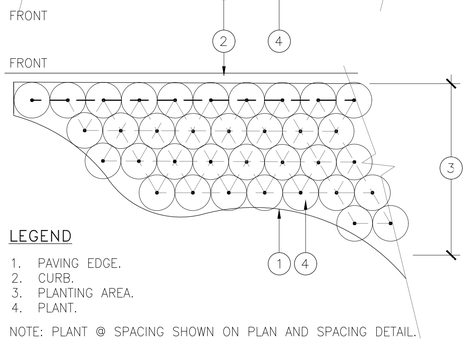


LEGEND

1. TREE TRUNK.
2. 12 LF OF 24"-DEEP ROOT CONTROL BARRIER: DEEPROOT UB-24 OR EQUIVALENT. CENTER BARRIER ON TRUNK OF TREE. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
3. HARDSCAPE ELEMENT: CURB, SIDEWALK, WALL, ETC.
4. PLANTING AREA

1 ROOT CONTROL BARRIER

SCALE: NTS 32 90 00 ROOT BARRIER.dwg



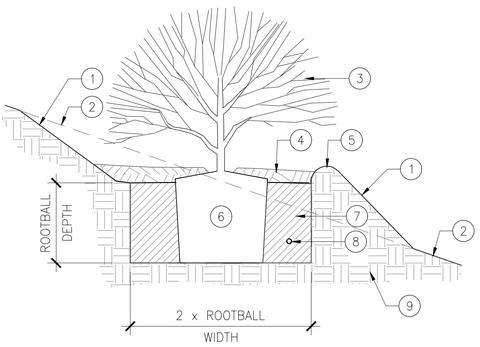
LEGEND

1. PAVING EDGE.
2. CURB.
3. PLANTING AREA.
4. PLANT.

NOTE: PLANT @ SPACING SHOWN ON PLAN AND SPACING DETAIL.

8 PLANT LAYOUT @ IRREGULAR AREAS

SCALE: N.T.S. 32 90 00 SHRUB - IRREGULAR LAYOUT.dwg

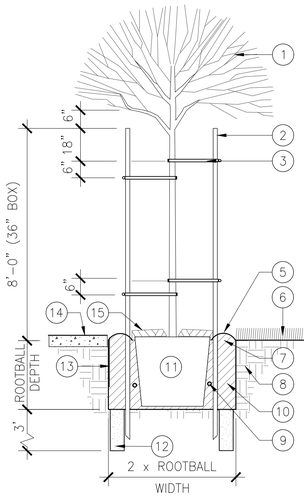


LEGEND

1. FINISH GRADE-SLOPE NOT TO EXCEED 1-1/2 : 1
2. EXISTING GRADE. SLOPE VARIES.
3. SHRUB.
4. MULCH. SEE SPECIFICATIONS.
5. 3" HT WATERING BASIN.
6. ROOTBALL. SET TOP OF ROOTBALL 2" ABOVE FINISH GRADE.
7. AMENDED BACKFILL. SEE SPECIFICATIONS.
8. FERTILIZER TABLET. SEE SPECIFICATIONS.
9. SITE SOIL.

6 SHRUB PLANTING - ON SLOPE

SCALE: N.T.S. 32 90 00 SHRUB - ON SLOPE.dwg



LEGEND

1. TREE-STREET TREES TO HAVE 7' CLEAR TRUNK.
2. LODGEPOLE PINE STAKE. 36" BOX TREES: 3" X 12'. TOP OF STAKE IS 6" CLEAR OF LOWEST TREE BRANCHES.
3. TREE TIE PER SPECIFICATIONS, 4/TREE.
4. NOT USED.
5. 3" HT. WATERING BASIN.
6. ADJACENT PLANTING.
7. FINISH GRADE.
8. SITE SOIL.
9. PLANT FERTILIZER TABLET. SEE SPECIFICATIONS.
10. AMENDED BACKFILL. SEE SPECIFICATIONS.
11. ROOTBALL. PLANT SO TOP OF ROOTBALL IS 2" ABOVE FINISH GRADE.
12. DRAINAGE SUMP: 2-12" DIA. x 3' DEEP (36" OR LARGER BOX). FILL W/ WASHED COARSE SAND.
13. ROOT CONTROL BARRIER PER PLAN AND NOTES. INSTALL PER MANUF. RECOMMENDATIONS.
14. ADJACENT PAVEMENT.
15. MULCH.

4 TREE PLANTING - DOUBLE STAKE

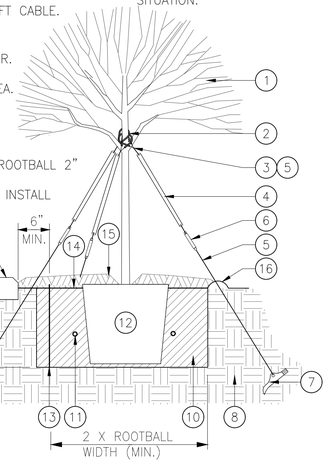
SCALE: N.T.S. 32 90 00 TREE - DOUBLE STAKE.dwg

LEGEND

1. TREE.
2. 21" LONG PVC TUBING (COVERING CABLE).
3. (2)1/8" CABLE CLAMPS.
4. 1/2" DIAMETER WHITE PLASTIC TUBING.
5. 1/8" GALVANIZED AIRCRAFT CABLE.
6. 3/8" x 3" ZINC-PLATED TURNBUCKLE.
7. 'DUCKBILL' EARTH ANCHOR.
8. UNDISTURBED SOIL.
9. EDGE OF LANDSCAPE AREA.
10. AMENDED BACKFILL. SEE SPECIFICATIONS.
11. FERTILIZER TABLET. SEE SPECIFICATIONS.
12. ROOTBALL. SET TOP OF ROOTBALL 2" ABOVE FINISH GRADE.
13. ROOT CONTROL BARRIER. INSTALL PER MANUFACTURER'S SPECIFICATION.
14. FINISH GRADE.
15. MULCH. SEE SPECIFICATIONS.
16. 3" HT. WATERING BASIN. REMOVE @ END OF MAINTENANCE PERIOD.
17. NOT USED.

NOTE

MINIMUM OF 3 GUYS PER TREE. LANDSCAPE ARCHITECT MAY REQUIRE MORE, DEPENDING ON SITUATION.



2 TREE GUYING WITH ANCHORS

SCALE: N.T.S. xxxxxx.dwg

Keynotes:

Notes:

ADDENDUM 1

SANTEE COMMUNITY CENTER - PLANTING DETAILS

LICENSED LANDSCAPE ARCHITECT
ERIC R. MATHER NO. 5117
Signature
2/28/26
Renewal Date
9/28/2025
Date
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. SALAZAR	F.SUAREZ	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED

BY
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER
LANDSCAPE PLANTING DETAILS

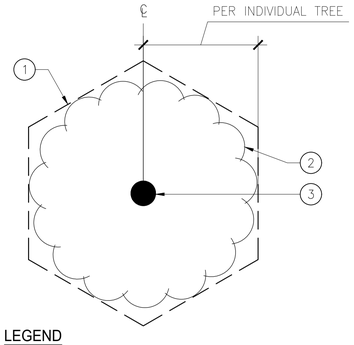
CITY W.O. NO.	DRAWING NO.
CIP 2018-31	L3.51
	SHEET OF

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NOTES

A. TYPICAL FENCE CONFIGURATION SHOWN. ACTUAL FIELD CONDITIONS MAY VARY LAYOUT.
B. FENCE TO BE INSTALLED AROUND TREE CANOPY WHERE SITE LOGISTICS ALLOW. WHERE PATHS OF TRAVEL, ROADS, OR OTHER SITE LOGISTICS CONFLICT, FENCE MAY NOT COVER THE FULL EXTENT OF TREE CANOPY.

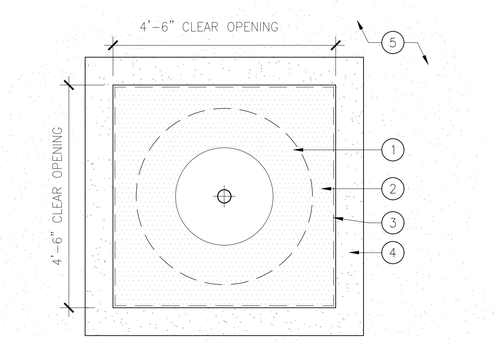


LEGEND

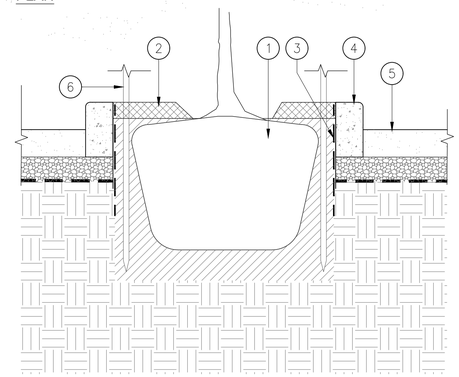
1. 5' HT. CHAIN LINK FENCE.
2. EXTENT OF TREE CANOPY (DRIPLINE).
3. TREE TRUNK.

3 TREE PROTECTION ZONE TYP.

SCALE: NOT TO SCALE



PLAN



SECTION

LEGEND

1. TREE ROOT BALL.
2. 3" DEPTH DECOMPOSED GRANITE SURFACE.
3. ROOT BARRIER.
4. ADJACENT CURB, PER CIVIL ENGR. DWGS.
5. ADJACENT PARKING LOT SURFACE, PER CIVIL ENGR. DWGS.
6. TREE STAKE; SEE 4/L3.51 FOR TREE PLANTING

2 DECOMPOSED GRANITE MULCH AT PARKING DIAMONDS

SCALE: N.T.S

Keynotes:

Notes:

ADDENDUM 1

SANTEE COMMUNITY CENTER - PLANTING DETAILS

LICENSED LANDSCAPE ARCHITECT
JEAN R. MATHER NO. 6401
Signature
2/28/26
Renewal Date
8/29/2025
Date
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:						
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: AS SHOWN	J. SALAZAR	F.SUAREZ	E. MATHER
VERT: AS SHOWN	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED
BY
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

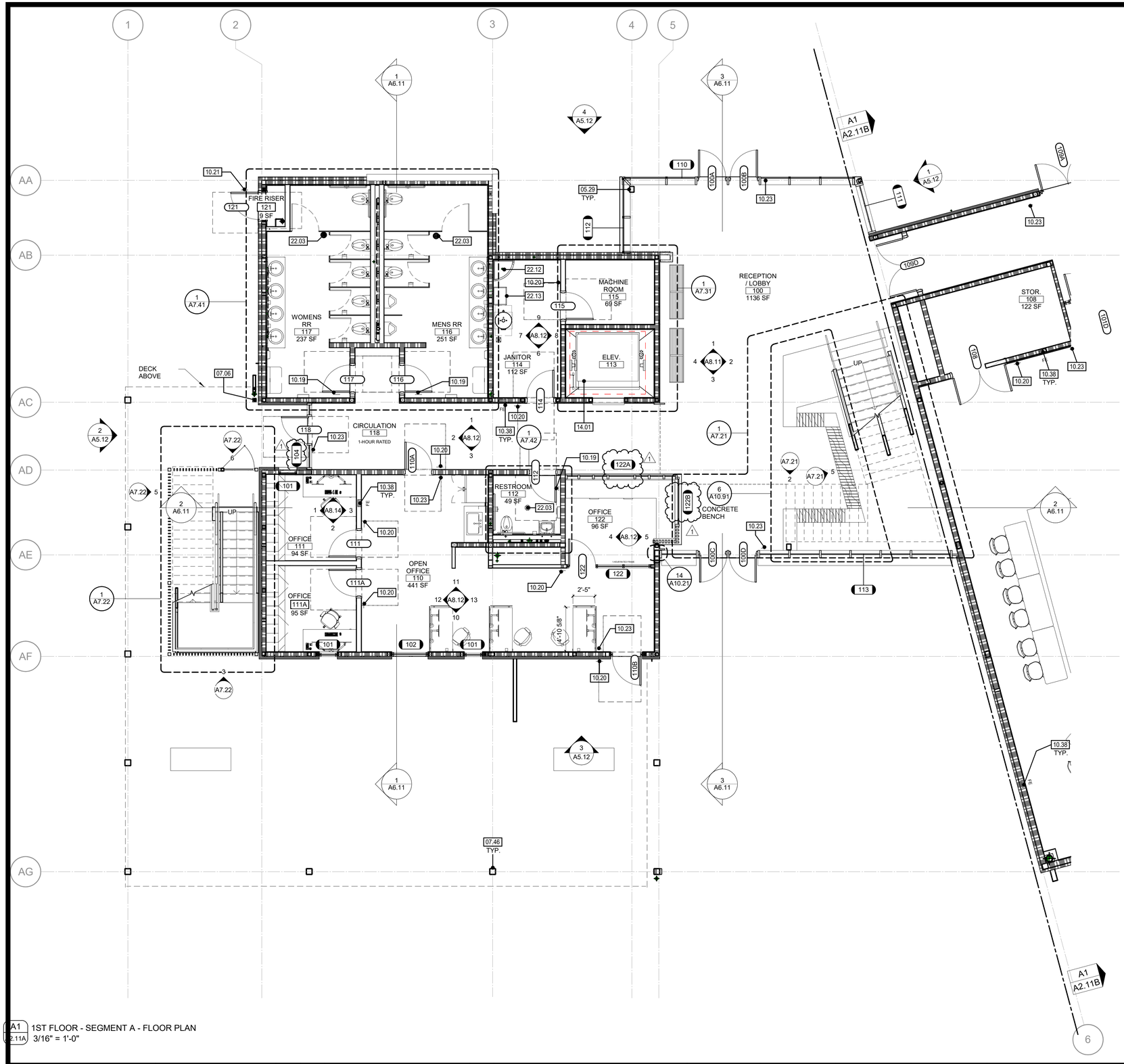
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER
LANDSCAPE PLANTING DETAILS

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: L3.52

SHEET OF

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A1
2.11A 1ST FLOOR - SEGMENT A - FLOOR PLAN
3/16" = 1'-0"

Keynotes:

05.29 HSS COLUMN. PROVIDE 1HR. INTUMESCENT STEEL PAINT. TYP ALL EXPOSES EXPOSED STRUCTURAL STEEL
07.06 METAL CASE AND DOWNSPOUT, REFER TO DETAIL 3/A10.91
07.46 1-HR INTUMESCENT COATING ON COLUMN (UL X650) W/ FINISH COLOR OF PAINT PER FINISH SCHED
10.19 RESTROOM SIGN - 10/A10.81
10.20 ROOM SIGN - 14/A10.81
10.21 FIRE RISER SIGN - 6/A10.81
10.23 TACTILE EXIT SIGN - 12/A10.81
10.38 RECESSED FIRE EXTINGUISHER CABINET, REFER TO DETAILS 12 & 13/A10.71
14.01 ELEVATOR
22.03 FLOOR DRAIN
22.12 JANITOR MOP SINK - REFER TO PLUMBING DRAWINGS
22.13 UTILITY SINK - REFER TO PLUMBING DRAWINGS

Notes:

1. OPERABLE EQUIPMENT AND DISPENSERS SHALL COMPLY WITH CBC 2022 11B SECTION 308. REFER TO A10.71 FOR MOUTIN HEIGHTS.

2. CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF A ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL COMPLY WITH SECTION 11B-308 EXCEPT THE LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND THE HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX, PER 11B-308.1.1

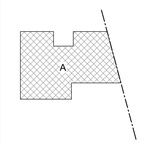
3. ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL COMPLY WITH SECTION 11B-308 EXCEPT THE LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND THE HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX, PER 11B-308.1.2

4. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS (22.2 N) MAXIMUM.

LEGEND

1-HR FIRE RATED WALL

KEY PLAN:



LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

TN
PN

100% CONSTRUCTION DOCUMENTS - 03/31/2025

ADDENDUM 1

SANTEE COMMUNITY CENTER - 1ST FLOOR - SEGMENT A - FLOOR PLAN

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 Addendum #1 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

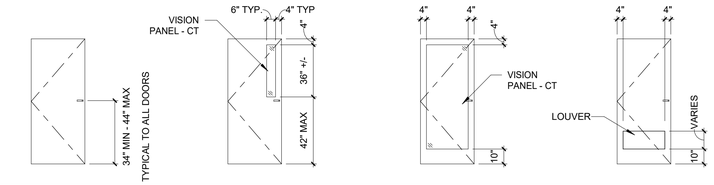
DRAWING NO.: **A2.11A**
SHEET OF

Please Recycle

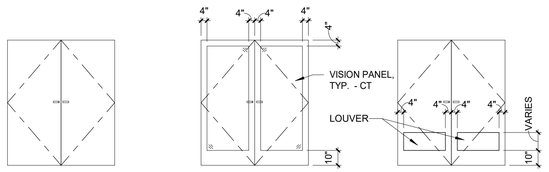
If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

DOOR TYPE LEGEND

PNL-F- XX-
- XX- : DOOR PANEL MATERIAL /FINISH - SEE LEGEND
- PNL-F- : DOOR PANEL TYPE - SEE BELOW



PNL-F | PNL-N | PNL-FG | PNL-L

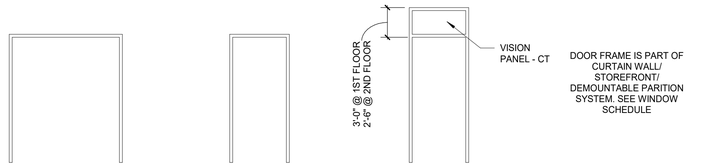


PNL-F | PNL-FG | PNL-L

REFER TO DOOR SCHEDULE FOR PANIC HARDWARE AND HARDWARE GROUP

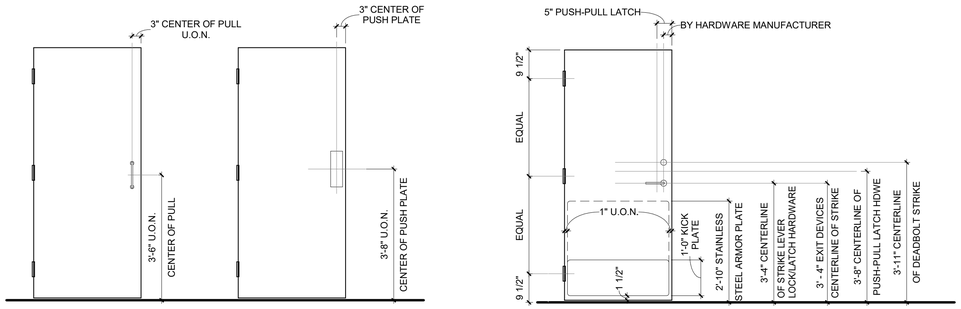
DOOR FRAME LEGEND

FRM-##XX-
- XX- : DOOR FRAME MATERIAL / FINISH - SEE LEGEND
- ##- : DOOR FRAME TYPE - SEE BELOW



FRM-00HM | FRM-00HM | FRM-10HM | FRM-00AL | FRM-50AL

TYPICAL FINISH HARDWARE



NOTES:

1. KICK AND ARMOR PLATES TO BE 1/2" FROM EDGE OF DOOR LEAVES FOR PAIR OF DOORS.
2. ARMOR PLATE AFFIXED TO FIRE RATED DOOR SHALL BE LABELED.

DOOR SCHEDULE

DOOR NUMBER	SIZE WIDTH PANEL 1	SIZE WIDTH PANEL 2	SIZE HEIGHT	DOOR TYPE	FRAME TYPE	FIRE RATING (MINUTES)	HARDWARE GROUP	PANIC HARDWARE	DETAIL HEAD	DETAIL JAMB	DETAIL SILL	COMMENTS
1ST FLOOR												
100A	3'-0"		8'-9"	PNL-FG-AL :	FRM-01AL(CW)		2.0		11/A10.23	10/A10.23		
100B	3'-0"		8'-9"	PNL-FG-AL :	FRM-01AL(CW)		2.0		11/A10.23	10/A10.23		
100C	3'-0"		8'-9"	PNL-FG-AL :	FRM-01AL(CW)		2.0	Yes	11/A10.23	10/A10.23	1/A10.23	STOREFRONT DOOR
100D	3'-0"		8'-9"	PNL-FG-AL :	FRM-01AL(CW)		2.0	Yes	11/A10.23	10/A10.23	1/A10.23	STOREFRONT DOOR
101A								No	12/A10.23	12/A10.23	6/A10.23	NANAWALL 1ST FLOOR
101B								No	12/A10.23	12/A10.23	6/A10.23	NANAWALL 1ST FLOOR
101C	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	3.0	Yes	11/A10.23	10/A10.23	1/A10.23	
101D	3'-0"	3'-0"	8'-9"	PNL-FG-AL :	FRM-72ALb(CW)	45	5.0	Yes	5/A10.23	8/A10.23 - 9/A10.23	2/A10.23	
101E	3'-0"	3'-0"	8'-9"	PNL-FG-AL :	FRM-72ALb(CW)	45	5.0	Yes	5/A10.23	8/A10.23 - 9/A10.23	2/A10.23	
102A	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	12.0	No	3/A10.23	3/A10.23	2/A10.23	
102B	3'-0"		7'-0"	PNL-F-HM	FRM-00HM1	45	3.0	Yes	11/A10.23	10/A10.23	1/A10.23	
103	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	8.0	No	3/A10.23	3/A10.23	2/A10.23	
104	4'-0"		7'-0"	PNL-F-HM	FRM-00HM1	45	22.0	No	11/A10.23	10/A10.23	1/A10.23	
105	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	17.0	No	3/A10.23	3/A10.23	2/A10.23	
106	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	8.0	No	3/A10.23	3/A10.23	2/A10.23	
107A	3'-0"	3'-0"	7'-0"	PNL-F-HM	FRM-00HM1	45	6.0	No	3/A10.23	3/A10.23	2/A10.23	
107B	3'-0"	3'-0"	7'-0"	PNL-F-HM	FRM-00HM1	45	6.0	No	3/A10.23	3/A10.23	2/A10.23	
108	3'-0"	3'-0"	7'-0"	PNL-F-HM	FRM-00HM1	45	6.0	No	3/A10.23	3/A10.23	1/A10.23	
109A	3'-0"	3'-0"	8'-9"	PNL-FG-AL :	FRM-72ALb(CW)	45	1.0	Yes	11/A10.23	10/A10.23	1/A10.23	
109B	3'-0"	3'-0"	8'-9"	PNL-FG-AL :	FRM-72ALb(CW)	45	1.0	Yes	11/A10.23	10/A10.23	1/A10.23	
109C	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1		13.0	No	3/A10.23	3/A10.23	2/A10.23	
109D	3'-0"	3'-0"	7'-0"	PNL-F-HM	FRM-00HM1	45	5.5		3/A10.23	3/A10.23		
110A	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	13.0	No	3/A10.23	3/A10.23	2/A10.23	
110B	3'-2"		9'-1"	PNL-FG-AL :	FRM-00AL(CW)	45	2.0	Yes	11/A10.23	10/A10.23	1/A10.23	
111	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1		10.0	No	3/A10.23	3/A10.23	2/A10.23	
111A	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1		10.0	No	3/A10.23	3/A10.23	2/A10.23	
112	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	15.0	No	3/A10.23	3/A10.23	2/A10.23	
114	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	9.0	No	3/A10.23	3/A10.23	2/A10.23	
115	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1		7.0	No	3/A10.23	3/A10.23	2/A10.23	
116	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	18.0	No	3/A10.23	3/A10.23	2/A10.23	
117	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	18.0	No	3/A10.23	3/A10.23	2/A10.23	
118	3'-0"		8'-9"	PNL-FG-AL :	FRM-00AL(CW)	45	2.0	Yes	11/A10.23	10/A10.23	1/A10.23	
121	3'-0"		7'-0"	PNL-F-HM	FRM-00HM1	45	4.0	No	3/A10.23	3/A10.23	1/A10.23	
122	3'-0"		7'-0"	PNL-FG-AL	FRM-00AL(CW)	45	19.0		15/A10.23	14/A10.23	13/A10.23	60-MIN RATED FRAME - REF. 122 ON A9.21
123								Yes				EXTERIOR STAIR GATE
124								No				TRASH ENCLOSURE GATE
125								No				TRASH ENCLOSURE GATE
126								No				TRASH ENCLOSURE GATE
2ND FLOOR												
200A	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	13.0	No	11/A10.23	10/A10.23	2/A10.23	
200B								No	12/A10.23	12/A10.23	6/A10.23	NANAWALL 2ND FLOOR
200C	3'-0"		8'-5"	PNL-FG-AL	FRM-01AL(CW)	45	2.0	Yes	11/A10.23	10/A10.23	1/A10.23	
201	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	8.0	No	3/A10.23	3/A10.23	2/A10.23	
202	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	45	15.0	No	3/A10.23	3/A10.23	2/A10.23	
203	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	15.0	No	3/A10.23	3/A10.23	2/A10.23	
204	3'-0"		7'-0"	PNL-F-WD	FRM-00HM1	20	14.0	No	3/A10.23	3/A10.23	2/A10.23	
205	3'-2"		8'-9"	PNL-FG-AL :	FRM-00AL(CW)	45	20.0	Yes	11/A10.23	10/A10.23	1/A10.23	

1

DOOR MATERIAL/FINISH LEGEND

A	ALARM CONTACT
AL	ALUMINUM
ADG-1	ACOUSTIC DOOR GASKET
AO	AUTOMATIC DOOR OPERATOR
CA	CLEAR ANODIZED
CL	COMBO LOCK
CR	CARD READER
CT	CLEAR TEMPERED GLAZING
CW	CURTAIN WALL
DE	DOUBLE EGRESS
EB	"PUSH TO EXIT" EMERGENCY BUTTON
EL	ELECTRICAL LOCK
ET	ENTRY TELEPHONE
FF	FACTORY FINISHED
FRG	FIRE RATED GLASS
FRG/	FIRE RATED GLASS & FRAMING
GL	GLASS
HB	HELP BUTTON
HM	HOLLOW METAL
IC	INTERCOM
IG	INSULATING GLASS
IP	INFILL PANEL
KD	KNOCK DOWN FRAME
LA	LOCAL ALARM
M	MONITOR
MG	MIRROR GLASS
MHO	MAGNETIC HOLD OPEN
NR	NOT RATED
PB	PANIC BAR
PL	PRIVACY LOCK
PL#	PLASTIC LAMINATE
PP	PUSH PLATE (# OF PLATES)
PT	PAINT (FACTORY FINISH ALL WOOD DOORS TYPICAL, FIELD PAINT H.M. DOOR AND FRAME
REX	REQUEST TO EXIT MOTION SENSOR
RF	RF COPPER SHIELDED NON-FERROUS SYSTEM
S	STAIN GRADE WOOD VENEER
SC	SOLID CORE
SG	SAFETY GLASS
SHD	SHIELDED DOOR FRAME / GLASS. LEAD REQUIREMENTS TO MATCH ADJACENT WALL U.O.N.
SPG	SPANDREL GLASS
STL	STEEL
SM	SMOKE BARRIER SEAL (NON-RATED DOOR W/ TIGHT FITTING SMOKE GASKET)
UC	UNDERCUT
VP	VISION PANEL
WF	WELDED STEEL FRAME
WG	WIRE GLASS
WD	WOOD
WS	WAVE SENSOR

Keynotes:

Notes:

1. ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

2. NANAWALL DOORS ON 1ST AND 2ND FLOOR SHALL COMPLY WITH ALL THE FOLLOWING CRITERIA FROM CBC 2022 1010.3.3:

2.1 - THE DOORS SHALL BE OPENABLE BY A SIMPLE METHOD WITHOUT SPECIAL KNOWLEDGE OR EFFORT FROM THE EGRESS SIDE OR SIDES.

2.2 - THE FORCE REQUIRED TO OPERATE THE DOOR SHALL NOT EXCEED 30 POUNDS (133 N) TO SET THE DOOR IN MOTION AND 15 POUNDS (67 N) TO CLOSE THE DOOR OR OPEN IT TO THE MINIMUM REQUIRED WIDTH.

2.3 - THE DOOR SHALL BE OPENABLE WITH A FORCE NOT TO EXCEED 15 POUNDS (67 N) WHEN A FORCE OF 250 POUNDS (1100 N) IS APPLIED PERPENDICULAR TO THE DOOR ADJACENT TO THE OPERATING DEVICE.

2.4 - THE DOOR ASSEMBLY SHALL COMPLY WITH THE APPLICABLE FIRE PROTECTION RATING AND, WHERE RATED, SHALL BE SELF CLOSING OR AUTOMATIC CLOSING BY SMOKE DETECTION IN ACCORDANCE WITH 2.6 - SECTION 716.2.6.6, SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 80 AND SHALL COMPLY WITH SECTION 716.

3. REFER TO SPECS SECTION 08 71 00 FOR DOOR HARDWARE INFORMATION.

4. THRESHOLDS AT DOORWAYS, SHALL BE 1/2 INCH (12.7 MM) HIGH MAXIMUM.

5. LATCHING, OR LOCKING, DOORS IN A PATH OF TRAVEL ARE OPERATED WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.

6. HARDWARE SHALL BE 34 INCHES (864 MM) MINIMUM AND 44 INCHES (1118 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

LICENSED ARCHITECT KYLE G. PETERSEN C-32052 REN. 05/31/27 STATE OF CALIFORNIA

100% CONSTRUCTION DOCUMENTS - 03/31/2025

ADDENDUM 1

SANTEE COMMUNITY CENTER - DOOR SCHEDULE

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 Addendum #1 09/26/2025	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED _____ BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

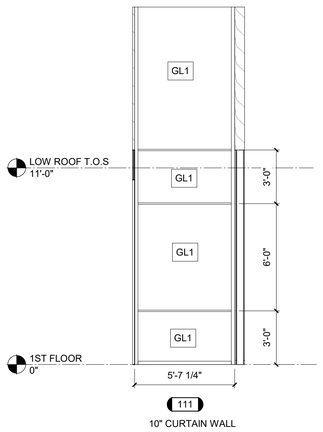
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	A9.11
	SHEET OF

Autodesk Docs://2290003000 City of Santee Community Center R24/2290003000-A-Santee Community Center.rvt

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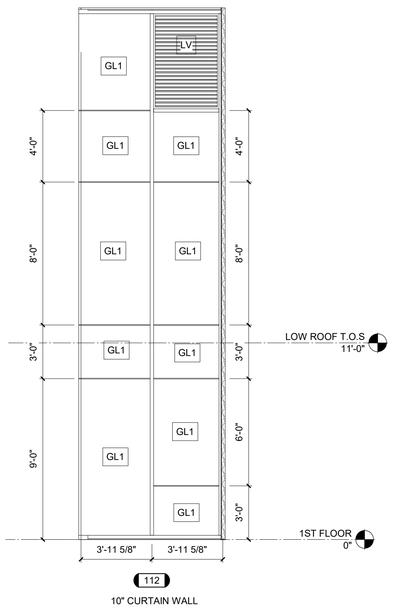
4



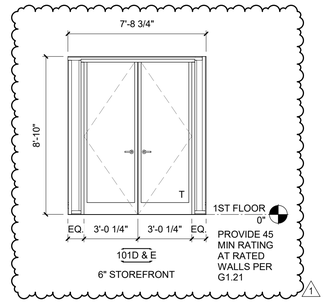
111
10" CURTAIN WALL

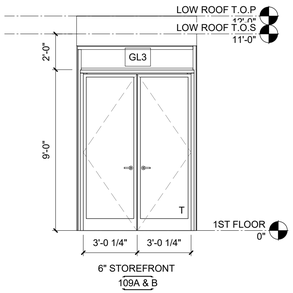


110
10" CURTAIN WALL

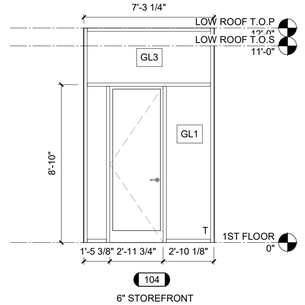


112
10" CURTAIN WALL

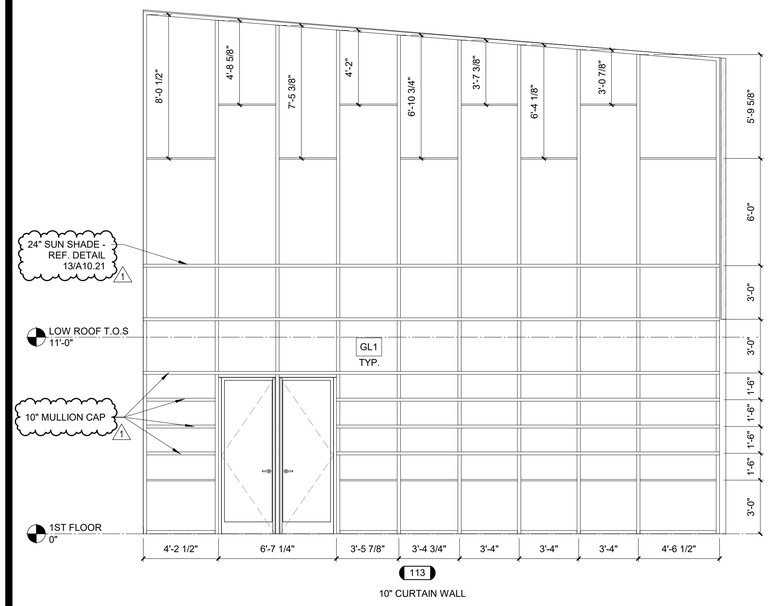




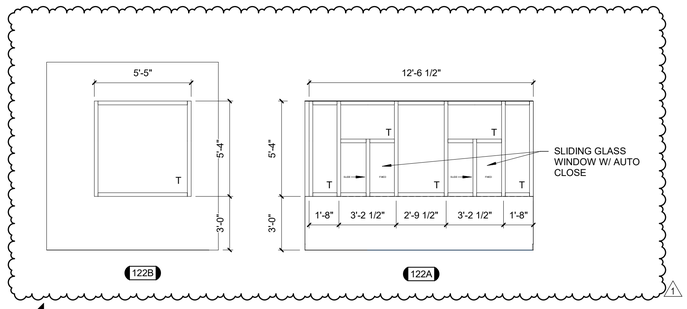
6" STOREFRONT
109A & B



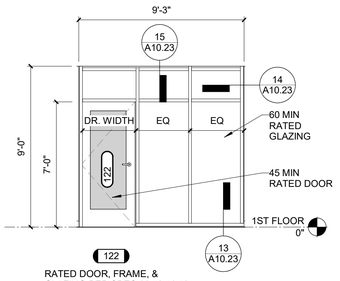
104
6" STOREFRONT



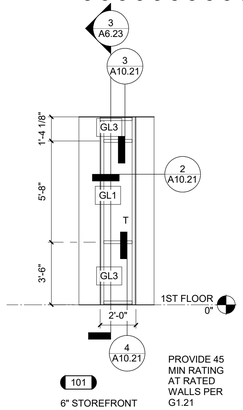
113
10" CURTAIN WALL



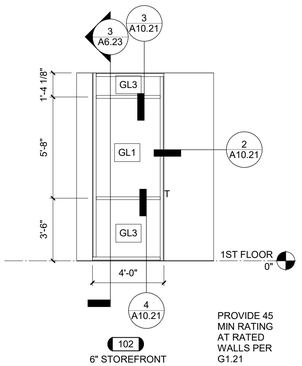
122B 122A



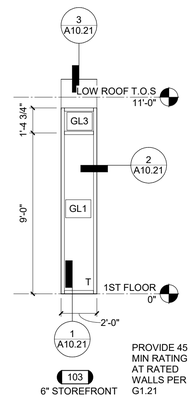
122
RATED DOOR, FRAME, &
GLAZING PER SPEC 08 12 16.13



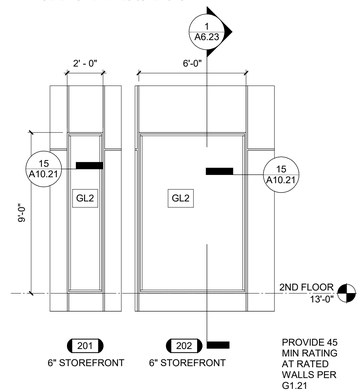
101
6" STOREFRONT
PROVIDE 45
MIN RATING
AT RATED
WALLS PER
G1.21



102
6" STOREFRONT
PROVIDE 45
MIN RATING
AT RATED
WALLS PER
G1.21



103
6" STOREFRONT
PROVIDE 45
MIN RATING
AT RATED
WALLS PER
G1.21



201 202
6" STOREFRONT 6" STOREFRONT
PROVIDE 45
MIN RATING
AT RATED
WALLS PER
G1.21

NOTES

VERIFY ALL DIMENSIONS ON FIELD PRIOR TO INSTALLATION

LEGEND

GL1	1" CLEAR **TEMPERED** INSULATED GLASS UNITS TEMPERED GLAZING COMPLYING WITH CPSC 16 CFR PART 1201 PER CBC 2406
GL2	1" FRITTED INSULATED GLASS UNITS
GL3	1" CLEAR INSULATED GLASS UNITS W/ SHADOW BOX - SEE
LV	LOUVER

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

Keynotes:

100% CONSTRUCTION DOCUMENTS - 03/31/2025

ADDENDUM 1

SANTEE COMMUNITY CENTER - WINDOW SCHEDULE

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 Addendum #1 09/26/2025	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
PG	PG	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. DATE EXPIRES

REVIEWED
BY PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. A9.21
SHEET OF

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

1.01 SCHEDULE OF CONCRETE FINISHES

A. 03 35 43 – Polished Concrete Finishing

1. **CONC1** – Polished Concrete Floor:
   a. Gloss Level: Level 1 – Low Gloss
   b. Surface Class: Class A/ Cream Finish

2. **CONC2** – Sealed Concrete Floor:
   a. Manufacturer: Refer to Arch. Spec.
   b. Style: Smooth
   c. Color: Clear
   d. Finish: Clear Sealed

1.02 SCHEDULE OF MASONRY FINISHES

NOTE: REFER TO SPECIFICATION SECTION 04 22 00 FOR CONCRETE UNIT MASONRY

A. 04 43 13.16 – Adhered Stone Masonry Veneer

1. **ST-1** – Stone Veneer:
   a. Manufacturer: Buechel Stone
   b. Color: Barrwood Blue Tailored Ledge Stone
2. Mortar:
   a. Sand: Natural
   b. Pigment: Gray

1.03 SCHEDULE OF WOOD, PLASTICS, AND COMPOSITES

A. 06 41 00 – Architectural Wood Casework

1. **PL1** – Plastic Laminate:
   a. Manufacturer: Formica
   b. Color: Grayed Oak 5791
   c. Finish: Matte 58

2. **WD2** – Wood Moulding:
   a. Manufacturer: Windfall
   b. Species: Douglas Fir
   c. Finish: Clear

B. 06 64 00 – Plastic Paneling

1. **FRP1** - Fiberglass Reinforced Panel:
   a. Manufacturer: Marlite
   b. Color: White S 100G
   c. Finish: Smooth
   d. Size: 4' x 8' x 3/32"
   e. Location: refer to finish plans

1.04 SCHEDULE OF THERMAL AND MOISTURE PROTECTION

A. 07 42 46.16 – Fiber Cement Wall Panels

1. **FC1** – Fiber Cement Cladding:
   a. Manufacturer: Nichiha
   b. Style: Vintage Wood
   c. Color: Spruce

2. **FC2** – Fiber Cement Cladding:
   a. Manufacturer: Nichiha
   b. Color: Industrial Block

1.05 SCHEDULE OF OPENING FINISHES

A. 08 11 13 – Hollow Metal Doors and Frames

1. Exterior Doors and Frames
   a. Finish: Painted
   b. Color: to match adjacent wall color
2. Interior Doors and Frames
   a. Finish: Painted
   b. Color: to match adjacent wall color

B. 08 14 16 – Flush Wood Doors

1. **FWD1** - Wood:
   a. Species: White Birch
   b. Cut: Plain Sliced
   c. Stain / Finish: Clear

C. 08 41 13 – Aluminum-Framed Entrances and Storefronts

1. Aluminum Famed Entrance and Storefront:
   a. Manufacturer: Per Arch. Spec.
   b. Finish: Clear Anodized

D. 08 44 00 – Curtain Wall and Glazed Assemblies

1. **CW1** – Curtain Wall:
   a. Manufacturer: Per Arch. Spec.
   b. Finish: Clear Anodized

1.06 SCHEDULE OF INTERIOR FINISHES

A. 09 30 00 – Tiling

1. **CTB1** – Aluminum Cove Shaped Profile:
   a. Manufacturer: Schluter
   b. Style: DILEX-AHK 1S 100 AE
   c. Color: Satin Anodized Aluminum

2. **CT1** – Porcelain Wall Tile:
   a. Manufacturer: Daltile
   b. Style: Slimlite Porcelain Panels
   c. Collection: Coastline
   d. Color: Beach TP35 (3)
   e. Finish: Satin
   f. Size: 39" x 59" x 3.5mm
   g. Installation Method: TBD
      h. Grout:
      1. Manufacturer: TBD
      2. Color: TBD

3. **CT2** - Ceramic Wall Tile:
   a. Manufacturer: Daltile
   b. Style: Mesmerist
   c. Color: Charm MM32
   d. Finish: Glossy
   e. Size: 3" x 12" x 5/16"
   f. Installation Method: Vertical Ashlar Pattern
      g. Grout:
      1. Manufacturer: TBD
      2. Color: TBD

4. **CT3** - Porcelain Floor Tile:
   a. Manufacturer: TileBar
   b. Style: Chips Macro
   c. Color: Azur
   d. Finish: Matte
   e. Size: 8" x 8" x 8.5mm
      f. Grout:
      1. Manufacturer: TBD
      2. Color: TBD

B. 09 51 13 – Acoustical Panel Ceilings

1. **ACT1** - Acoustic Ceiling System:
   a. Panel:
      1. Manufacturer: Armstrong Ceilings
      2. Style: Ultima 1952
      3. Size: 24" x 24" x 3/4"
      4. Edge: 9/16" Beveled Tegular
      5. Color: White
   b. Suspension System (Section 09 53 23)
      1. Manufacturer: Armstrong Ceilings
      2. Style: 9/16" Suprafine
      3. Color: White

C. 09 54 23 – Linear Metal Ceilings

1. **SPC1** - Linear Metal Ceiling System (interior):
   a. Panel:
      1. Manufacturer: Armstrong Ceilings
      2. Style: Metalworks Linear – Synchro
      3. Item Number: 8223W04 M1 FXMA
      4. Color: Effects Macadamia
      5. Size: (nominal) 96" x 4" x 1"
      6. Perforation: M1

2. **SPC2** – Linear Metal Ceiling System (exterior):
   a. Panel:
      1. Manufacturer: Armstrong
      2. Style: Metalworks Linear - Synchro
      3. Item Number: 8223W04 M1 FXMA2
      4. Size: (nominal) 96" x 4" x 1"
      5. Finish: Effects Macadamia
      6. Perforation: M1

D. 09 78 13 - Metal Interior Wall Paneling

1. **AWP2** - Metal Interior Wall Paneling (interior/exterior):
   a. Panel:
      1. Manufacturer: Armstrong Ceilings
      2. Style: Metalworks Linear – Synchro Walls
      3. Item Number: 8223W04 M1 FXma
      4. Color: Effects Macadamia
      5. Size: (nominal) 96" x 4" x 1"
      6. Perforation: M1

E. 09 84 36 - Sound-Absorbing Ceiling Units

1. **SPC3** - Acoustic Ceiling Baffle System:
   a. Baffles:
      1. Manufacturer: Acoufelt
      2. Style: Fan Ceiling Baffle
      4. Color: White WH12
      5. Size: TBD

2. **SPC4** - Acoustic Ceiling Baffle System:
   a. Baffles:
      1. Manufacturer: Focal Point
      2. Series: Aircore Bridge AUABG
      3. Style: Cantilever
      4. Color: Classic White CWH
      5. Size: 6'L x 8"H - 12" on center
      6. Cable Suspension: 24"
   b. Luminaire:
      1. Manufacturer: Focal Point
      2. Series: Seem 1 FSM1S
      3. Length: 35'-1"

3. **SPC5** - Acoustic Ceiling Baffle System:
   a. Luminaire:
      1. Manufacturer: Focal Point
      2. Series: Seem 1 Acoustic Direct/Indirect LED ASM1BS
      3. Shielding: DCRL
      4. Color: Classic White CWH
      5. Size: 8"H x 6'L
      6. Cable Suspension: 24"

F. 09 65 13 – Resilient Base and Accessories

1. **B1** – Rubber Base:
   a. Manufacturer: Tarkett
   b. Style: Millwork - Mandalay
   c. Color: Platinum
   d. Height: 6"H

1. **B2** – Rubber Base:
   a. Manufacturer: Tarkett
   b. Style: Millwork - Reveal
   c. Color: Platinum
   d. Height: 8"H

G. 09 65 43 – Linoleum Flooring

1. **L1** - Linoleum Flooring Tile:
   a. Manufacturer: Forbo
   b. Style: Marmoleum Linoleum
   c. Color: 2621 Dove Grey

H. 09 65 00 – Resilient Flooring

1. **RT1** – Resilient Tile:
   a. Manufacturer: Mannington
   b. Style: Spacia Stone SS5S2603
   c. Color: Gibson
   d. Size: 36" x 36"
   e. Wear Layer Thickness: 20 mil

2. **RT2** – Resilient Tile:
   a. Manufacturer: Mannington
   b. Style: Spacia Stone SS5S2594
   c. Color: Ceramic Flint
   d. Size: 36" x 36"
   e. Wear Layer Thickness: 20 mil

I. 09 68 13 – Tile Carpeting

1. **CPT1** - Carpet:
   a. Manufacturer: Interface
   b. Style: Viva Colores
   c. Color: 106049 Pedrusco
   d. Size: 50cm x 50cm
   e. Backing: GlasBac
   f. Installation: Quarter-turn

2. **CPT2** - Carpet:
   a. Manufacturer: Interface
   b. Style: Ice Breaker
   c. Color: 105773 Jetmist
   d. Size: 50cm x 50cm
   e. Backing: GlasBac
   f. Installation: Monolithic

J. 09 72 00 – Wall Coverings

1. **VWC1** - Wall Covering:
   a. Manufacturer: Designtex
   b. Style: 3M Di-Noc Wood Grain
   c. Color: WG-250 (MATCH METALWORKS)

K. 09 77 23 – Fabric-Wrapped Panels

1. **AWP1** - Wall Panels:
   a. Manufacturer: Lamvin
   b. Style: Eco Sonic
   c. Size: 4' x 10' x 1"
   d. Core Material: Glass-fiber board
      1. Fabric:
         a. Manufacturer: Designtex
         b. Style: Luma
         c. Color: Smoke

2. **AWP2** - Wall Panels:
   a. Manufacturer: Carnegie
   b. Collection: Xorel Artform
   c. Style: Ridge
   d. Size: Varies, refer to interior elevations
   e. Core Material: Mineral-fiber board
      1. Fabric:
         a. Manufacturer: Carnegie
         b. Style: Elite
         c. Color: 16

L. 09 77 49 – Compact Laminate Wall Paneling

1. **WD1** - Plastic Laminate Compact:
   a. Manufacturer: Formica
   b. Style: Grade F1 (Compact Laminate)
   c. Color: Grayed Oak 5791
   d. Finish: Matte 58
   e. Size: 48" x 96" x 0.5"
      1. Trim:
         f. Manufacturer: Fry Reglet
         g. Style: Millwork 1/4" Post Termination - MWPT2550
         h. Color: Clear Anodized Aluminum
         i. Size: ½" x 1/4" x 1-9/16"

M. 09 91 00 – Painting:

1. **PE1** – Paint - Eggshell Finish:
   a. Manufacturer: Dunn Edwards
   b. Finish: Eggshell
   c. Color: DEW683 Cool December
   d. Note: All walls, ceilings, and soffits to be painted **PE1** unless noted otherwise.

2. **PS1** – Paint – Semi-Gloss Finish:
   a. Manufacturer: Dunn Edwards
   b. Finish: Semi-Gloss
   c. Color: DEW683 Cool December
   d. Note: All ceilings and soffits to be painted **PS1** in all restrooms unless noted otherwise.

3. **PE2** – Paint - Eggshell Finish:
   a. Manufacturer: Dunn Edwards
   b. Finish: Eggshell
   c. Color: DE6378 Jet

4. **PE3** – Paint - Eggshell Finish:
   a. Manufacturer: Dunn Edwards
   b. Finish: Eggshell
   c. Color: DEC779 Woodlawn Green

5. **PE4** – Paint - Eggshell Finish:
   a. Manufacturer: Dunn Edwards
   b. Finish: Eggshell
   c. Color: DEC782 Belize Green

6. **EP1** - Exterior Paint Color:
   a. Manufacturer: Dunn Edwards
   b. Color: Evershield – Almond Milk

1.07 SCHEDULE OF SPECIALTY FINISHES

A. 10 14 00 – Signage

1. Tactile Plastic Signs
   a. Manufacturer: ASI Signage Innovations
   b. Style: InTouch
   c. Font:
      1. Type: To be selected by Architect
      2. Color: White SC-901
   d. Background:
      1. Color: Charcoal MX09

2. Non-Tactile Plastic Signs:
   a. Manufacturer: ASI Signage Innovations
   b. Style: InTouch
   c. Font:
      1. Type: To be selected by Architect
      2. Color: White SC-901
   d. Background:
      1. Color: Charcoal MX09

3. Interior Metal Signs:
   a. Manufacturer: Gemini Signage
   b. Style: Flat Cut Metal
   c. Color/Finish: Aluminum Clear Anodized
   d. Size: Refer to interior elevations

4. Exterior Cast Illuminated Metal Signs:
   a. Manufacturer: Gemini Signage
   b. Style: Cast Metal Sign with LED back panel
   c. Font: Neutra Display Bold
   d. Color/Finish: Aluminum/ Clear Anodized
   e. Size: Refer to exterior elevations

B. 10 21 13 – Toilet Compartments

1. **TCP1** - Toilet Compartments:
   a. Manufacturer: Scranton
   b. Style: Aria Partitions – Modern 3000
   c. Color: Linen

1.08 SCHEDULE OF FURNISHING FINISHES

A. 12 24 13 – Roller Window Shades

1. **RS1** - Window Treatment Type 1: Solar Shade
   a. Manufacturer: Mariak
   b. Style: SheerWeave 2410
   c. Color: P13 Oyster/Beige
   d. Openess: 3%
      1. Fascia:
         a. Color: White

B. 12 35 59 – Display Casework

1. Display Cases:
   a. Manufacturer: B+N
   b. Style: Sorbetti 2.0
   c. Finish: Wood shelves
   d. Dimensions: Refer to interior elevations.

B. 12 36 00 – Countertops

1. **QTZ1** – Quartz Countertop:
   a. Manufacturer: Corian
   b. Color: Snow Flurry

C. 12 48 13 – Entrance Floor Mats and Frames

1. **EM1** – Entrance Mat:
   a. Manufacturer: Mannington Commercial
   b. Collection: Frixtion
   c. Style: Force
   d. Color: Kinetic 11360
   e. Size: 18" x 36"

END OF SECTION

100% CONSTRUCTION DOCUMENTS - 03/31/2025

ADDENDUM 1

SANTEE COMMUNITY CENTER - FINISH SCHEDULE

LICENSED ARCHITECT
KYLE G. PETERSON
C-32052
REN. 05/31/27
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 Addendum #1 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ:	PG	PG	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

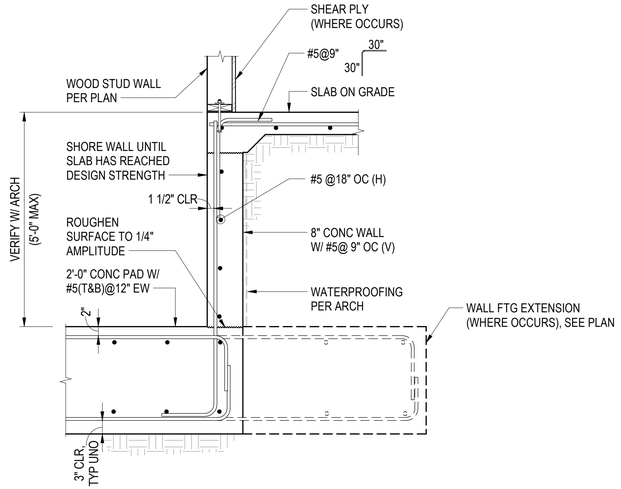
CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **A9.22**
SHEET OF

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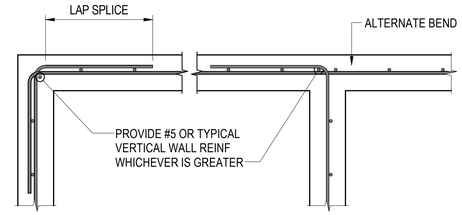
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100% CONSTRUCTION DOCUMENTS - 01/12/2024

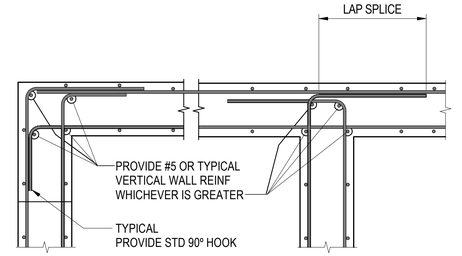


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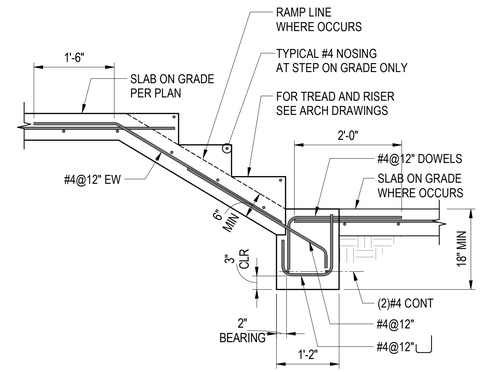
7 / S0.14 TYPICAL ELEVATOR PIT DETAIL
NOT TO SCALE



SINGLE CURTAIN

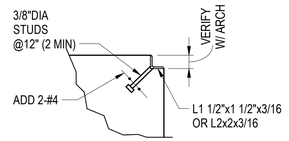


DOUBLE CURTAINS

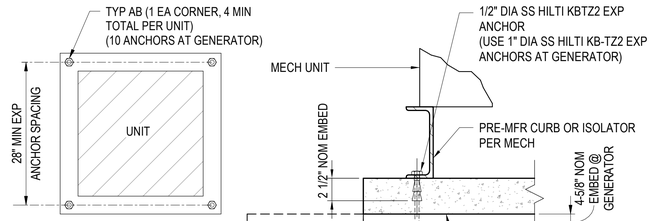


2 / S0.14 TYPICAL CONCRETE STEPS
OR RAMP ON GRADE DETAIL
NOT TO SCALE

4 / S0.14 TYPICAL CONCRETE WALL REINFORCING
AT INTERSECTION DETAILS
NOT TO SCALE

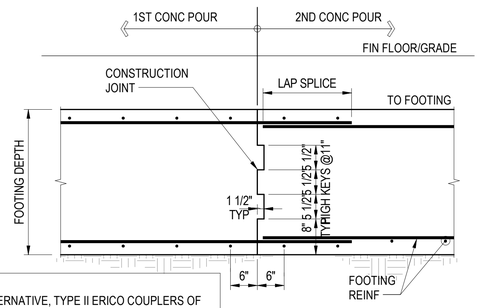


DETAIL 1



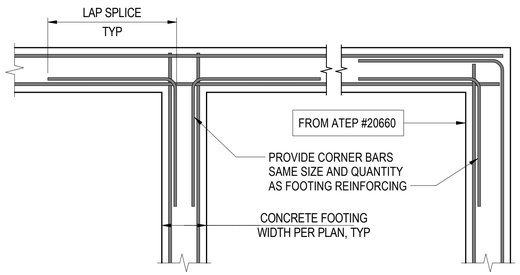
TYP UNIT AB LAYOUT
PLAN VIEW

9 / S0.14 EQUIPMENT ANCHORAGE DETAIL ON CONC PAD / SLAB
NOT TO SCALE



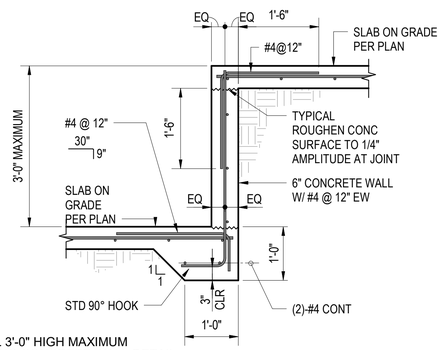
NOTE:
AS AN ALTERNATIVE, TYPE II ERICO COUPLERS OF
ICC-ER 3967 MAY BE USED IN LIEU OF LAP SPLICES.

6 / S0.14 TYPICAL CONTINUOUS FOOTING
CONSTRUCTION JOINT DETAIL
NOT TO SCALE

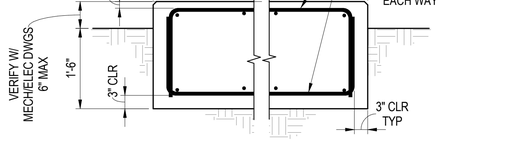


PLAN VIEW

8 / S0.14 TYPICAL WALL FOOTING REINFORCING
AT CORNERS AND INTERSECTION DETAILS
NOT TO SCALE

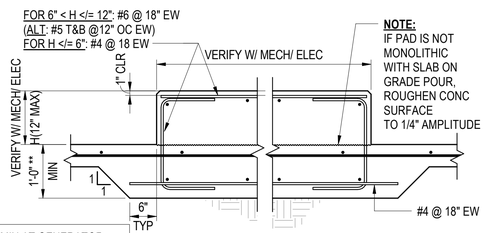


5 / S0.14 TYPICAL 3'-0" HIGH MAXIMUM
RETAINING CONCRETE WALL DETAIL
NOT TO SCALE



B ISOLATED EQUIPMENT PAD

NOTE:
REFER TO **9** / **S0.14** FOR TYP
EQUIPMENT ANCHORAGE

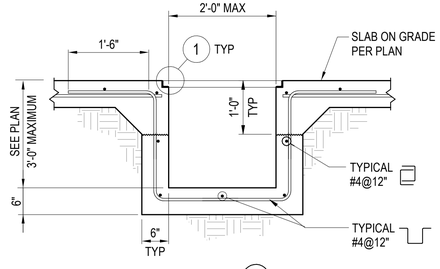


**1'-2" MIN AT GENERATOR
(12200# MAX WT)

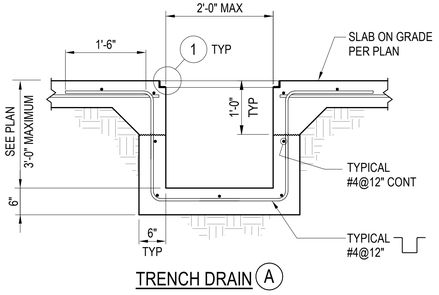
NOTE:
IF PAD IS NOT
MONOLITHIC
WITH SLAB ON
GRADE POUR,
ROUGHEN CONC
SURFACE
TO 1/4" AMPLITUDE

A EQUIPMENT PAD AT SLAB ON GRADE

3 / S0.14 TYPICAL EQUIPMENT PAD AT SLAB ON GRADE DETAIL
NOT TO SCALE



SUMP PIT B



TRENCH DRAIN A

NOTES:
1. VERIFY ALL DIMENSIONS WITH THE ARCHITECT.
2. SEE GEOTECHNICAL REPORT FOR SUB-SURFACE PREPARATION.

1 / S0.14 TYPICAL TRENCH AND SUMP PIT DETAILS
NOT TO SCALE

CONC-DRAN-0002

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01 08/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER		CIP 2018-31	S0.14
			SHEET OF

ADDENDUM 1

SANTEE COMMUNITY CENTER - TYPICAL CONCRETE DETAILS

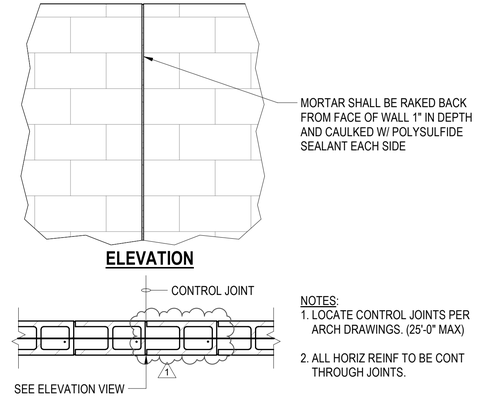
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Please Recycle

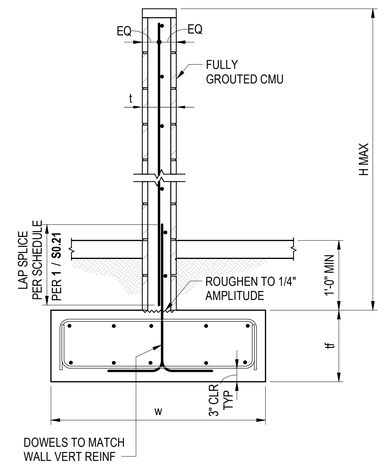
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100% CONSTRUCTION DOCUMENTS - 01/12/2024

ADDENDUM 1



2 / S0.22 TYPICAL VERTICAL CONTROL JOINT IN MASONRY WALL DETAIL
NOT TO SCALE



WALL & FOOTING REINFORCEMENT SCHEDULE						
MAX H	WALL		FOOTING			REMARKS
	t	REINFORCING	w	tf	REINFORCING	
7'-4"	8"	#5(V)@16" #4(H)@16"	4'-0"	1'-6"	(5)-#5 (T&B) LONG #5 (T&B)@16" SHORT	f'm = 2000 PSI
10'-6"	8"	#6(V)@16" #4(H)@16"	5'-0"	1'-6"	(6)-#5 (T&B) LONG #5 (T&B)@16" SHORT	f'm = 2000 PSI

NOTE:
1. WHERE MASONRY WALL FOOTING TIES INTO COLUMN FOOTING, EXTEND MASONRY WALL FOOTING REINFORCING TO THE FAR END OF THE COLUMN FOOTING AND HOOK REINFORCING ENDS.

1 / S0.22 TYPICAL FREE STANDING MASONRY WALL / TRASH ENCLOSURE WALL DETAIL
NOT TO SCALE

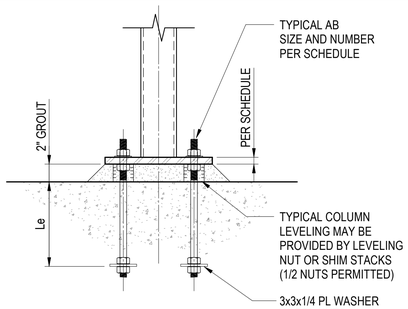
REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

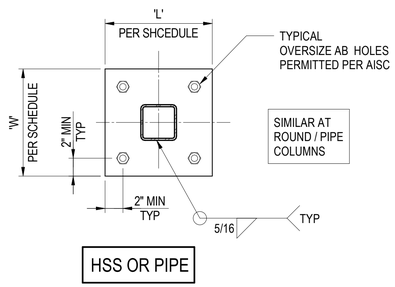
SANTEE COMMUNITY CENTER - TYPICAL MASONRY DETAILS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED	CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR:				1 ADDENDUM 01 09/26/2025			HORIZ: 3/4" = 1'-0"	Designer	Author	Checker		IMPROVEMENT PLANS FOR:			
INSPECTOR:								PLANS PREPARED UNDER THE SUPERVISION OF			BY	SANTEE COMMUNITY CENTER		CIP 2018-31	S0.22
DATE COMPLETED							VERT:	ROBERT H. RANDALL, S.E.		DATE 04/30/2025	PROJECT ENGINEER				SHEET OF
								RCE NO. S4892		EXPIRES 12/31/2026					

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

Please Recycle

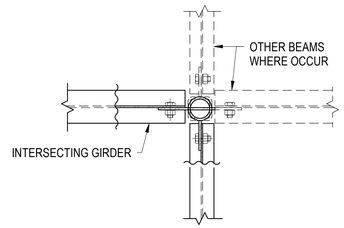




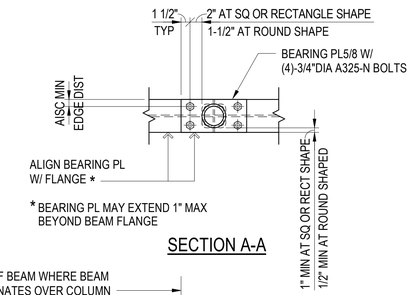
6 / S0.31 TYPICAL NON-FRAME COLUMN BASE PLATE DETAILS
NOT TO SCALE

SCHEDULE					
COLUMN SIZE	BASE PLATE (A36) (L x W x t) INCHES	ANCHOR BOLTS (F1554 GR 36 UNO)			REMARKS
		No	DIA	Le	
HSS 4x4	12x12x5/8	4	3/4	8" MIN	
ROUND HSS 5x	13x13x5/8	4	3/4	8" MIN	
HSS 5x5	13x13x5/8	4	3/4	8" MIN	
HSS 6x6	14x14x5/8	4	3/4	8" MIN	
HSS 8x6	16x14x3/4	4	3/4	8" MIN	
HSS 6x5	14x13x5/8	4	3/4	8" MIN	
HSS 9x5	17x13x3/4	4	3/4	8" MIN	
HSS 5x5 SBP	L x W x 1"	3	#7 REBAR (TOP END THREADED)*	Ld PER 1 / S0.11	SEE DETAIL 5 / S0.32

* REBAR TO BE ASTM A615 GR 60 W/ TOP END THREADED TO RECEIVE NUT/WASHER AND LEVELING NUT

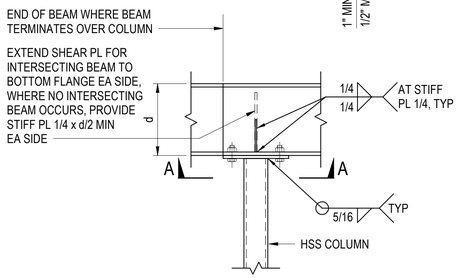


SECTION B-B

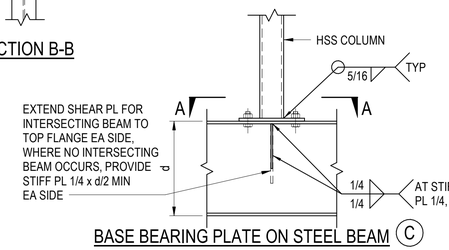


* BEARING PL MAY EXTEND 1" MAX BEYOND BEAM FLANGE

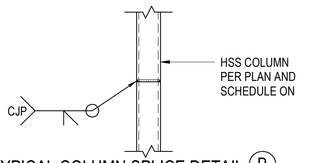
SECTION A-A



TOP BEARING PLATE CONNECTION (D)

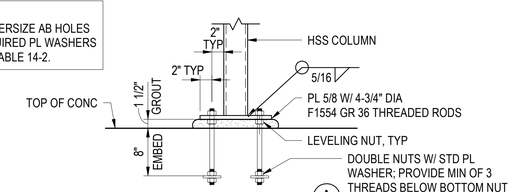


BASE BEARING PLATE ON STEEL BEAM (C)



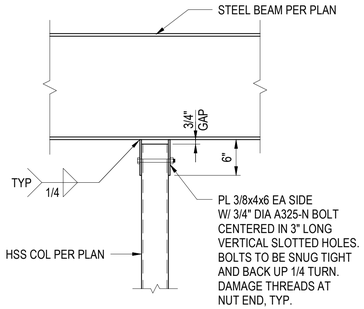
TYPICAL COLUMN SPLICE DETAIL (B)

NOTES:
PROVIDE STD HOLES. OVERSIZE AB HOLES ARE PERMITTED W/ REQUIRED PL WASHERS AS SPECIFIED AISC-360 TABLE 14-2.

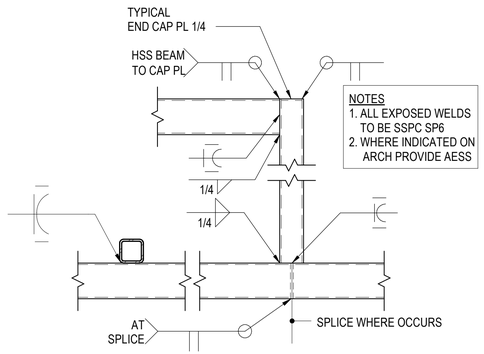


TYPICAL BASE PLATE DETAIL (A)

5 / S0.31 TYPICAL HSS / PIPE COLUMN CONNECTIONS
NOT TO SCALE

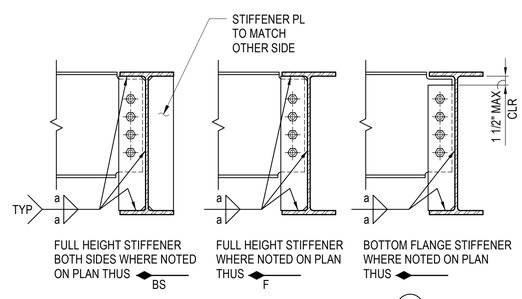


4 / S0.31 TYPICAL HSS COLUMN TOP SLIPPED CONNECTION
NOT TO SCALE



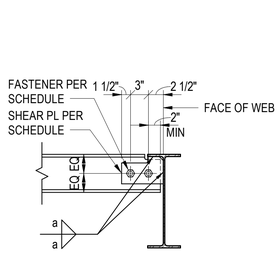
NOTES
1. ALL EXPOSED WELDS TO BE SSPC SP6
2. WHERE INDICATED ON ARCH PROVIDE AESS

3 / S0.31 TYPICAL HSS TO HSS CONNECTION DETAIL
NOT TO SCALE

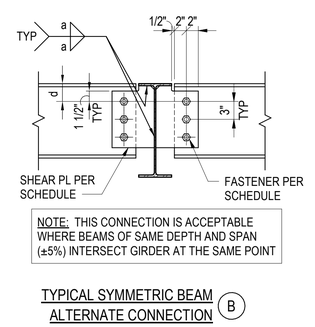


TYPICAL BEAM STIFFENER SHEAR PLATE DETAILS (D)

NOTES:
1. MINIMUM WIDTH OF STIFFENER SHALL EXTEND TO THE EDGE OF BEAM FLANGE
2. FOR REMAINDER OF INFORMATION, SEE TYPICAL BEAM CONNECTION DETAIL A



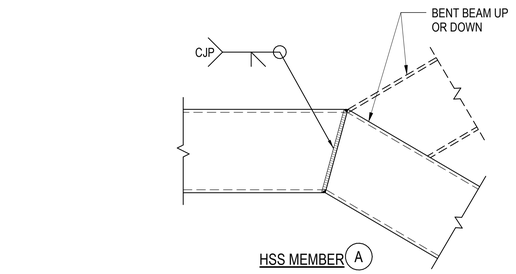
Wx & Cx CONNECTION (C)



NOTE: THIS CONNECTION IS ACCEPTABLE WHERE BEAMS OF SAME DEPTH AND SPAN (±5%) INTERSECT GIRDER AT THE SAME POINT

TYPICAL SYMMETRIC BEAM
ALTERNATE CONNECTION (B)

1 / S0.31 TYPICAL NON-FRAME BEAM CONNECTION SCHEDULE AND DETAILS
NOT TO SCALE

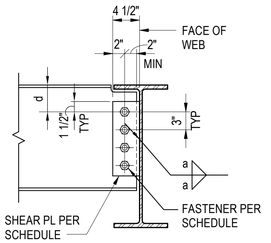


2 / S0.31 TYPICAL BEAM BROKEN BACK CONNECTIONS
NOT TO SCALE

BEAM CONNECTION SCHEDULE *

BEAM SIZE	SHEAR PLATE (A36)				LRFD CAPACITY IN KIPS
	THICKNESS (IN)	WELD "a"	FASTENER (A325-N HSB, UNO)	DISTANCE "d"	
W6x, C6x	3/8	1/4	2-3/4"Ø	-	18.4
W8x, C8x, HSS8x	3/8	1/4	2-3/4"Ø	2 1/2"	18.4
W10x, C10x,	3/8	1/4	2-3/4"Ø	3 1/2"	18.4
W12x, C12x MC12x, HSS12x	3/8	5/16	3-7/8"Ø	3"	48.4
W14x	3/8	5/16	3-7/8"Ø	4"	48.4
W16x	3/8	5/16	4-7/8"Ø	3 1/2"	74.6
W18x	3/8	5/16	4-7/8"Ø	4 1/2"	74.6
W21x	3/8	5/16	5-7/8"Ø	4 1/2"	100.7
W24x	3/8	5/16	6-7/8"Ø	4 1/2"	126.7
CB36x	3/8	5/16	9-7/8"Ø	4 1/2"	209.8

NOTE:
PROVIDE ONE SIZE LARGER DIAMETER PRETENSIONED "SC" SLIP CRITICAL TYPE BOLTS AT "SLRS" BEAM CONNECTIONS OR WHERE INDICATED THUS "SC" ON PLAN. THE CONNECTION SURFACE SHALL BE CLASS "A" FAYING SURFACE.



TYPICAL BEAM CONNECTION (A)

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
CIVIL
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01	09/26/2025	
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S0.31** SHEET OF

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

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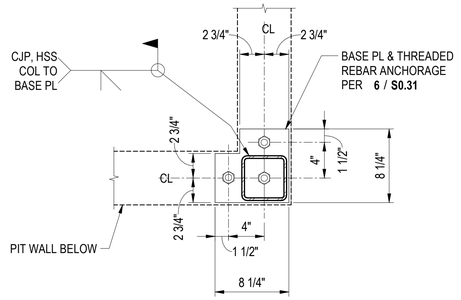
ADDENDUM 1

SANTEE COMMUNITY CENTER - TYPICAL STEEL DETAILS

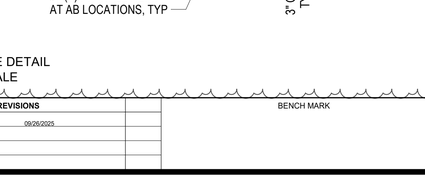
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100% CONSTRUCTION DOCUMENTS - 01/12/2024

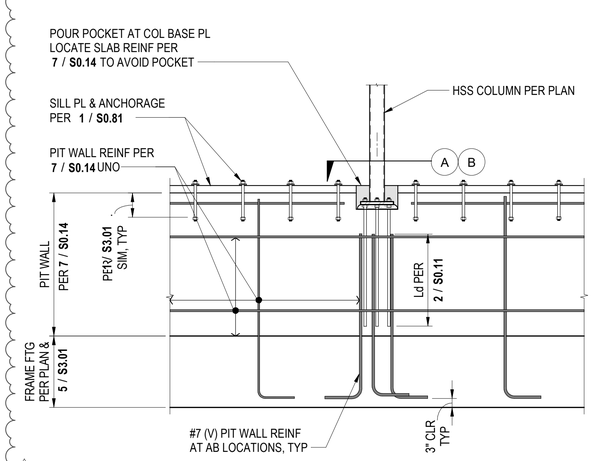
ADDENDUM 1



B SBP **HSS 5x5 COLUMN BASE PL AT STEM WALL CORNER**



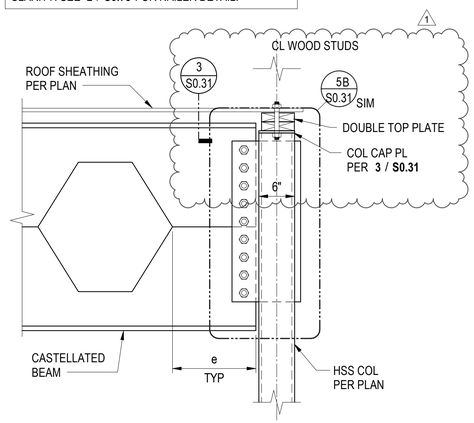
A SBP **HSS 5x5 COLUMN BASE PL AT TYPICAL STEM WALL**



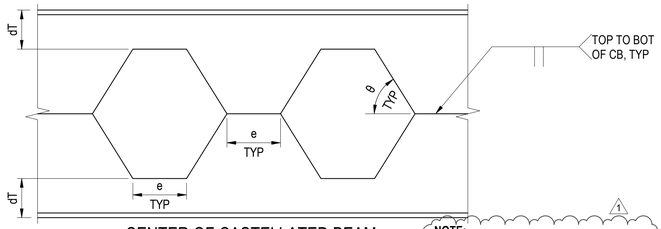
1

5 / S0.32 BASE PLATE DETAIL
NOT TO SCALE

NOTE:
NAILER ABOVE CASTELLATED BEAM NOT SHOWN FOR CLARITY. SEE **2** / **S0.73** FOR NAILER DETAIL.



END OF CASTELLATED BEAM



CENTER OF CASTELLATED BEAM

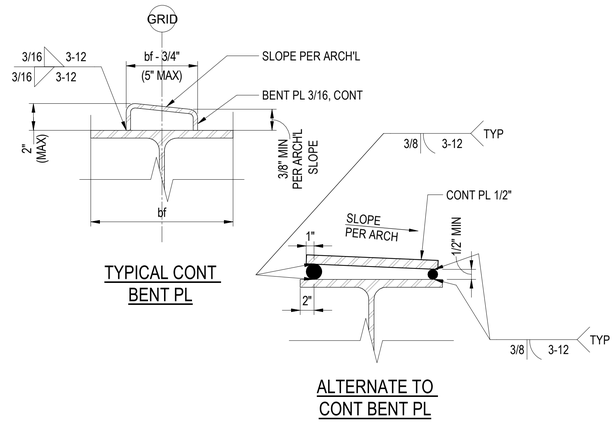
PROVIDE CB36X84 CASTELLATED BEAM FROM W24X84 WITH THE FOLLOWING SPECIFICATIONS:
- dT = 6.625"
- θ = 58°
- e = 14"

1

NOTE:
CASTELLATED BEAM HAS BEEN DESIGNED TO SUPPORT OPERABLE WALL NOTED IN ARCH DETAIL 1/A10.91. OPERABLE WALL HANGER BRACKET ASSEMBLY IS TO BE BRACED AT 10'-0" OC MAX.

CONTRACTOR IS TO PROVIDE OPERABLE WALL HEIGHT AND HANGER ROD LENGTHS FOR SEOR REVIEW AND APPROVAL PRIOR TO OPERABLE WALL INSTALLATION.

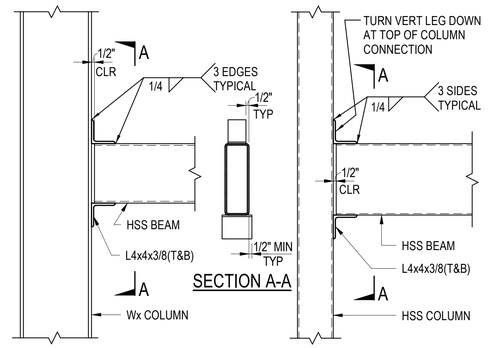
4 / S0.32 CASTELLATED BEAM DETAIL
NOT TO SCALE



TYPICAL CONT BENT PL

ALTERNATE TO CONT BENT PL

3 / S0.32 TYPICAL SLOPED DECK SUPPORT AT STEEL BEAM DETAIL
NOT TO SCALE



HSS BEAM TO W COLUMN

HSS BEAM TO HSS COLUMN

STEL-HBEM-0001

1 / S0.32 TYPICAL HSS BEAM TO COLUMN CONNECTIONS
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL JR. No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

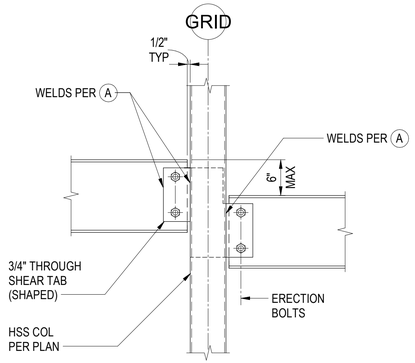
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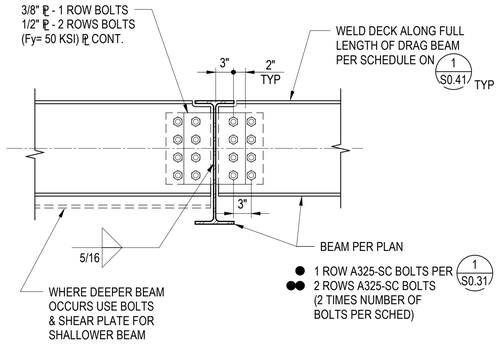
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100% CONSTRUCTION DOCUMENTS - 01/12/2024

ADDENDUM 1



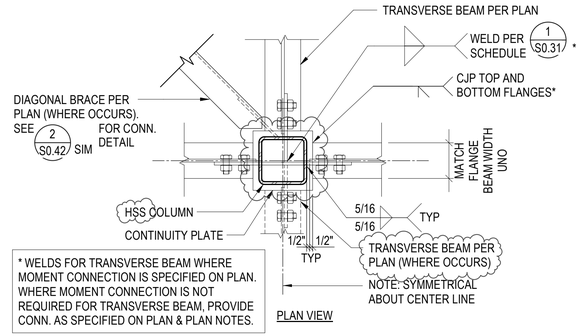
AT CONTINOUS COLUMN (BEAM OFFSET) C



BEAM TO BEAM INDICATES THIS ON PLAN

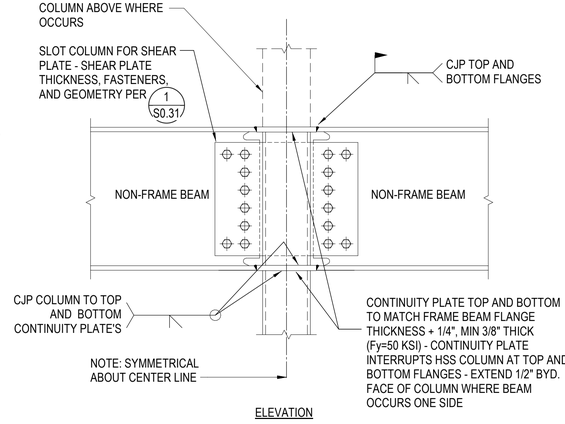
4 S0.33 TYPICAL BOLTED BEAM TO BEAM DRAG CONNECTION DETAIL
NOT TO SCALE

NOTES:
1. PROVIDE THESE NON-FRAME MOMENT CONNECTIONS WHERE DENOTED ON PLAN THUS ▶ 1 S0.31
2. SEE DETAIL 1 S0.31 FOR SHEAR PLATE THICKNESS (PL 1/2 MIN GR50 KSI) GEOMETRY, SHEAR PLATE WELDING AND QUANTITY OF FASTENERS EXCEPT USE 1" DIA A490-SC BOLTS IN LIEU OF BEARING TYPE BOLTS



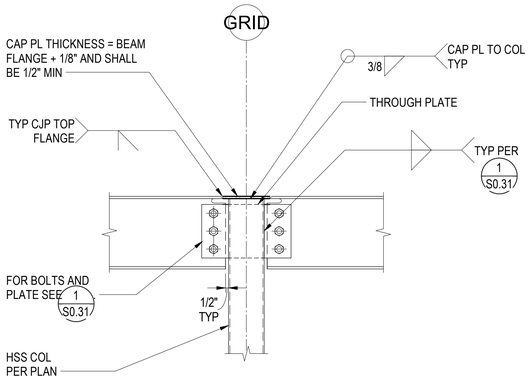
* WELDS FOR TRANSVERSE BEAM WHERE MOMENT CONNECTION IS SPECIFIED ON PLAN. WHERE MOMENT CONNECTION IS NOT REQUIRED FOR TRANSVERSE BEAM, PROVIDE CONN. AS SPECIFIED ON PLAN & PLAN NOTES.

PLAN VIEW

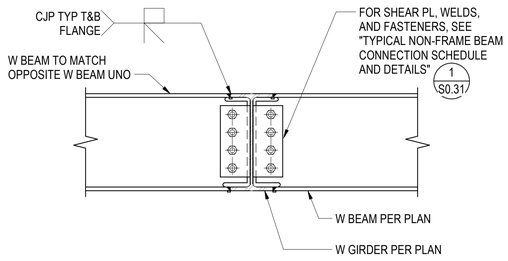


ELEVATION

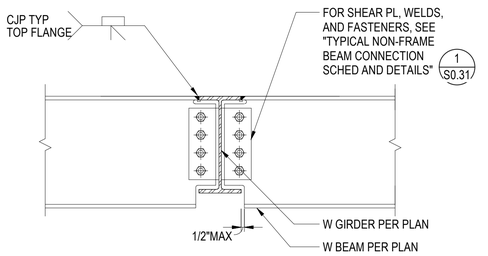
2 S0.33 TYPICAL NON-FRAME BEAM TO HSS COLUMN MOMENT CONNECTION
NOT TO SCALE



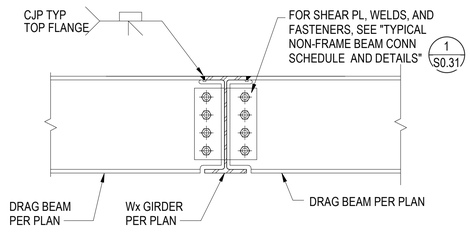
AT TOP OF COLUMN B



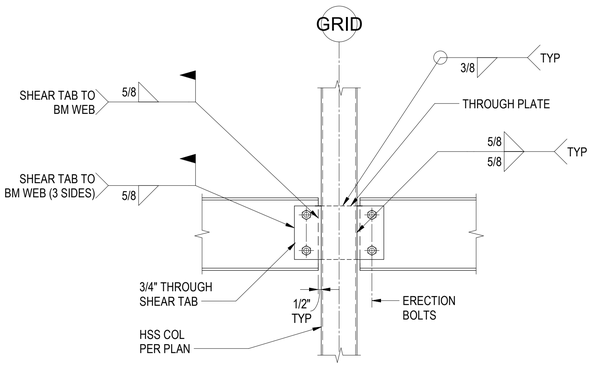
W GIRDER AND W BEAM WITH EQUAL DEPTH B



AT W BEAM DEEPER THAN W GIRDER C

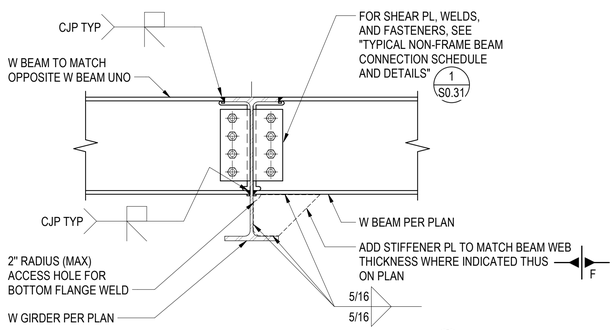


W GIRDER AND W BEAM WITH EQUAL DEPTH B



AT CONTINOUS COLUMN A

BEAM TO COL INDICATES THUS ON PLAN

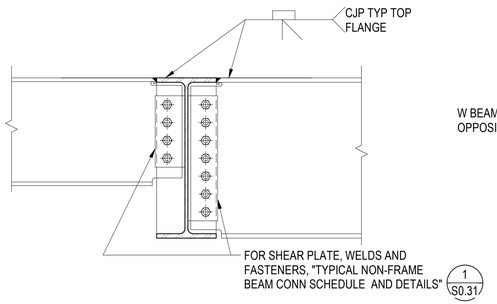


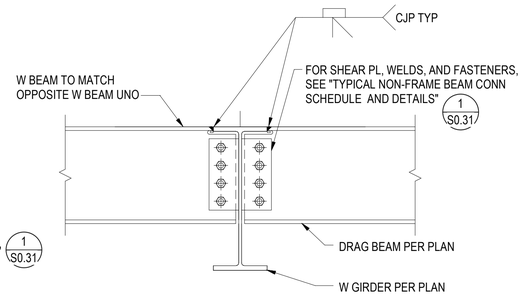
W GIRDER AND W BEAM WITH DIFFERENT DEPTHS A

BEAM TO BEAM MOMENT CONNECTION, INDICATED THUS ON PLAN

TYPICAL AT ALL DRAG BEAMS:

WELD DECK ALONG FULL LENGTH OF BEAM PER SCHEDULE ON 1 S0.41





OPTIONAL ALTERNATE CONNECTION DETAILS

W GIRDER AND W BEAMS WITH DIFFERENT DEPTH D

W GIRDER AND W BEAM WITH DIFFERENT DEPTHS A

5 S0.33 TYPICAL DRAG BEAM CONNECTION AT HSS COLUMN
NOT TO SCALE

3 S0.33 TYPICAL BEAM TO BEAM MOMENT CONNECTIONS
NOT TO SCALE

1 S0.33 BEAM TO BEAM DRAG CONNECTION INDICATE THUS ON ◁▷ PLAN
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 ADDENDUM 01 09/26/2025	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 1" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED
BY
PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S0.33**
SHEET OF

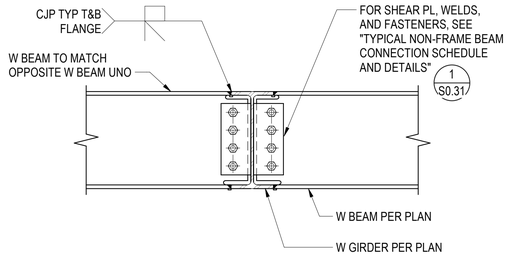
Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

Please Recycle

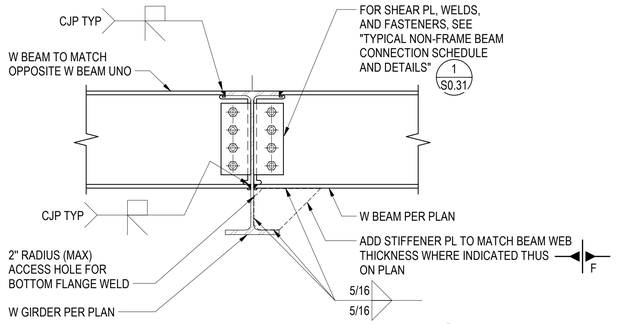
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ADDENDUM 1



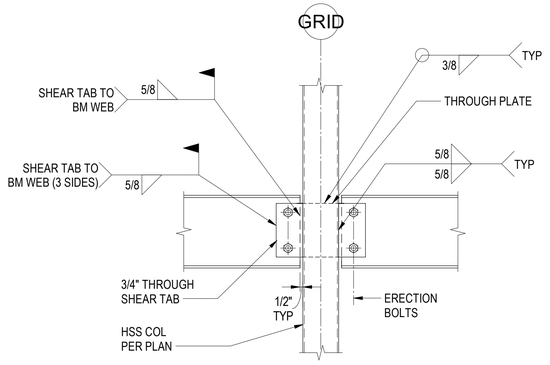
W GIRDER AND W BEAM WITH EQUAL DEPTH (B)



W GIRDER AND W BEAM WITH DIFFERENT DEPTHS (A)

BEAM TO BEAM MOMENT CONNECTION, INDICATED THUS ON PLAN

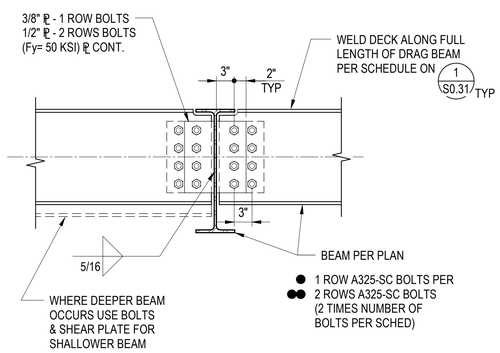
OPTIONAL ALTERNATE CONNECTION DETAILS



AT CONTINOUS COLUMN

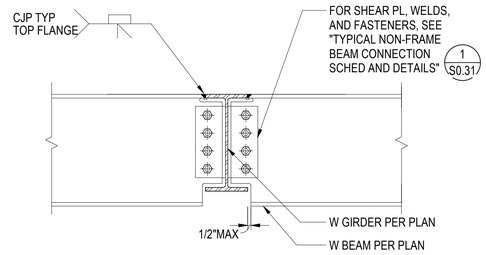
BEAM TO COL INDICATES THUS ON PLAN

5 S0.34 TYPICAL DRAG BEAM CONNECTION AT HSS COLUMN
NOT TO SCALE

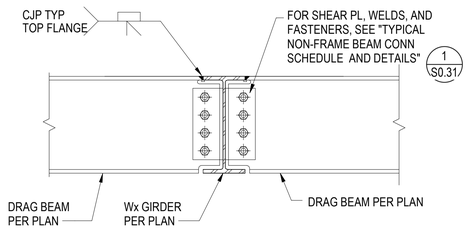


BEAM TO BEAM INDICATES THIS ON PLAN

3 S0.34 TYPICAL BOLTED BEAM TO BEAM DRAG CONNECTION DETAIL
NOT TO SCALE



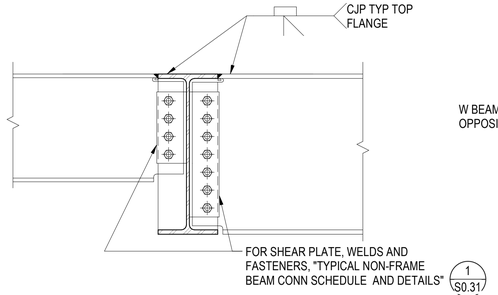
AT W BEAM DEEPER THAN W GIRDER (C)

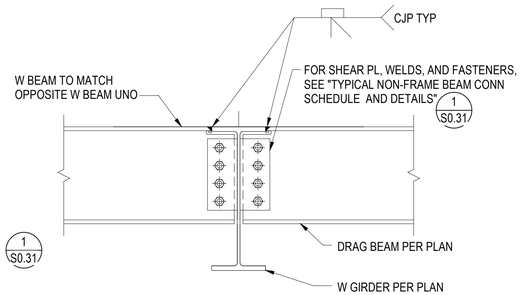


W GIRDER AND W BEAM WITH EQUAL DEPTH (B)

TYPICAL AT ALL DRAG BEAMS:

WELD DECK ALONG FULL LENGTH OF BEAM PER SCHEDULE ON 1 S0.41



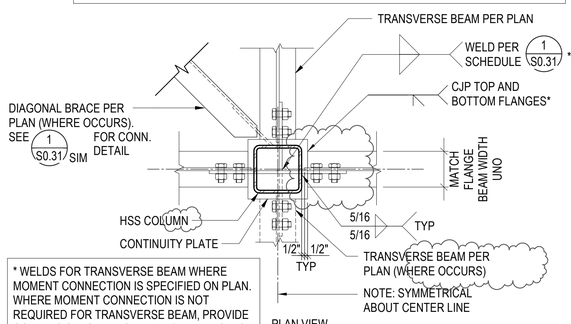


W GIRDER AND W BEAMS WITH DIFFERENT DEPTH (D)

W GIRDER AND W BEAM WITH DIFFERENT DEPTHS (A)

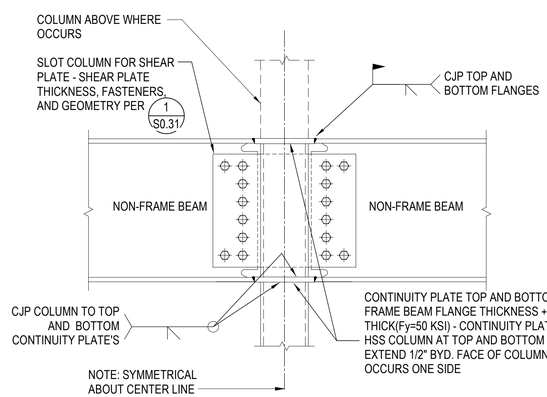
2 S0.34 BEAM TO BEAM DRAG CONNECTION INDICATE THUS ON PLAN
NOT TO SCALE

NOTES:
1. PROVIDE THESE NON-FRAME MOMENT CONNECTIONS WHERE DENOTED ON PLAN THUS 1 S0.31
2. SEE DETAIL 1 S0.31 FOR SHEAR PLATE THICKNESS (PL 1/2 MIN GR50 KSI) GEOMETRY, SHEAR PLATE WELDING AND QUANTITY OF FASTENERS EXCEPT USE 1" DIA A490-SC BOLTS IN LIEU OF BEARING TYPE BOLTS



* WELDS FOR TRANSVERSE BEAM WHERE MOMENT CONNECTION IS SPECIFIED ON PLAN. WHERE MOMENT CONNECTION IS NOT REQUIRED FOR TRANSVERSE BEAM, PROVIDE CONN. AS SPECIFIED ON PLAN & PLAN NOTES.

PLAN VIEW



ELEVATION

1 S0.34 TYPICAL NON-FRAME BEAM TO HSS COLUMN MOMENT CONNECTION
NOT TO SCALE



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED _____ BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**S0.34**
	SHEET OF

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

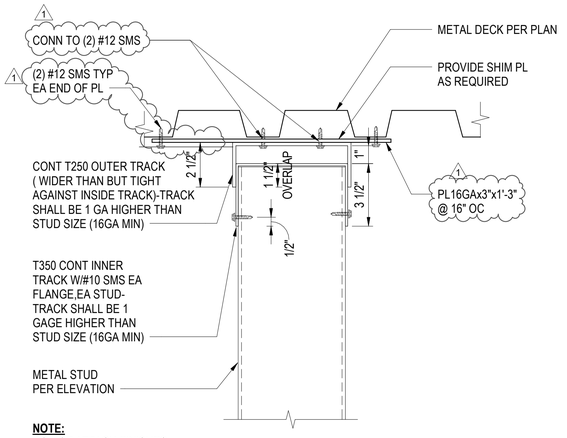
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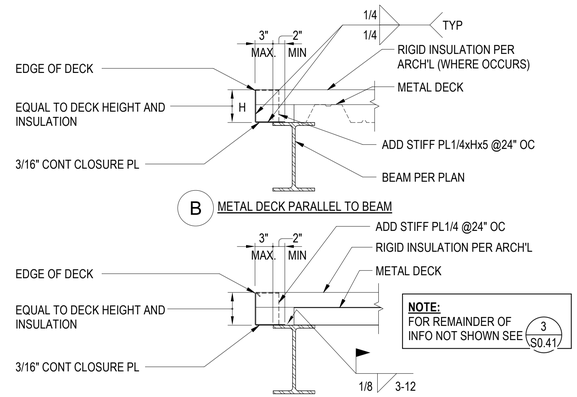
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ADDENDUM 1

SANTEE COMMUNITY CENTER - TYPICAL METAL DECK AND STEEL DETAILS

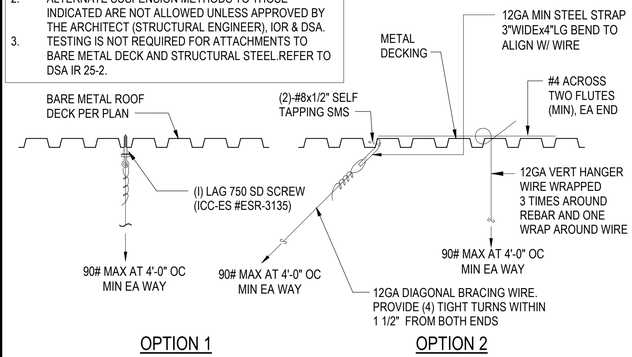


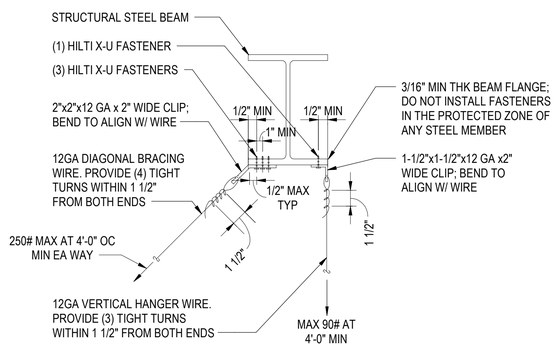
5 S0.42 TYPICAL CURTAIN WALL/METAL STUD ATTACHMENT DETAIL
NOT TO SCALE

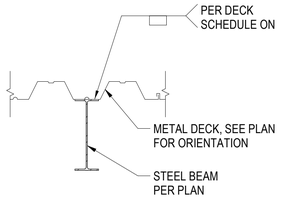


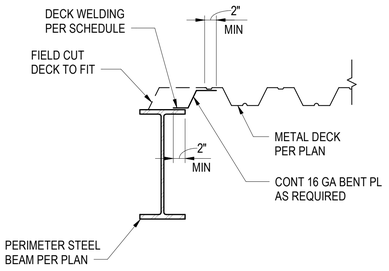
3 S0.42 TYPICAL BARE METAL DECK (NO CONC FILL) AT INTERIOR DECK EDGE DETAILS
NOT TO SCALE

NOTES:
1. REFER TO ARCHITECTURAL DWGS AND DSA IR 25-2 FOR ADDITIONAL INFORMATION.
2. ALTERNATE SUSPENSION METHODS TO THOSE INDICATED ARE NOT ALLOWED UNLESS APPROVED BY THE ARCHITECT (STRUCTURAL ENGINEER), IOR & DSA.
3. TESTING IS NOT REQUIRED FOR ATTACHMENTS TO BARE METAL DECK AND STRUCTURAL STEEL.REFER TO DSA IR 25-2.





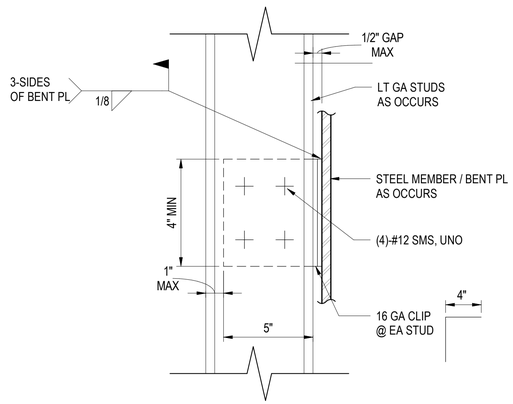


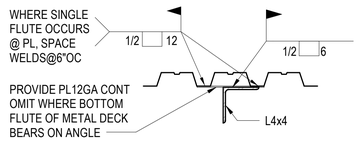


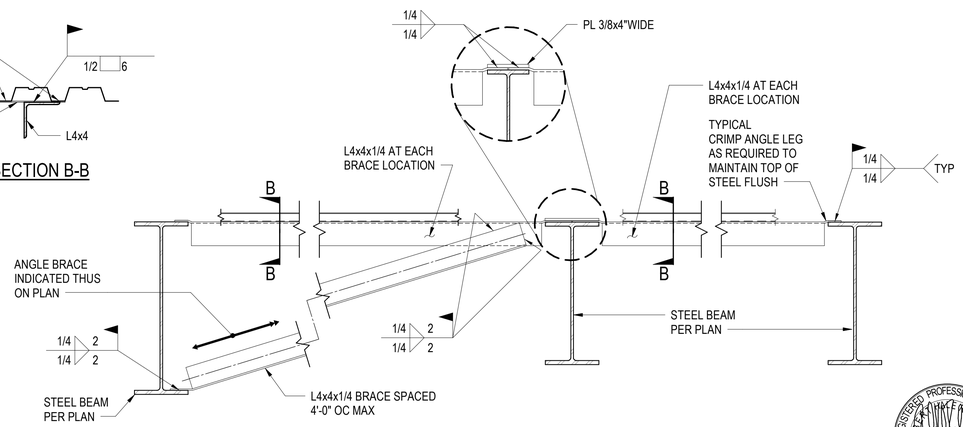
7 S0.42 TYPICAL CEILING HANGER AND SWAY WIRE TO ROOF
NOT TO SCALE

4 S0.42 TYPICAL METAL DECK ATTACHMENT
NOT TO SCALE

2 S0.42 METAL DECK PARALLEL TO PERIMETER BEAM / GIRDER
NOT TO SCALE







6 S0.42 METAL STUD RIGID CONNECTION
NOT TO SCALE

1 S0.42 TYPICAL ANGLE BRACE AT BARE METAL DECK DETAILS
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
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DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S0.42**
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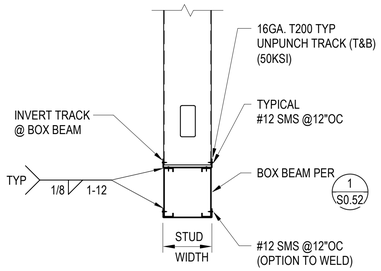
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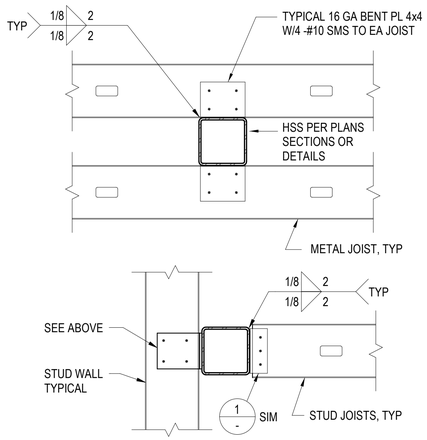
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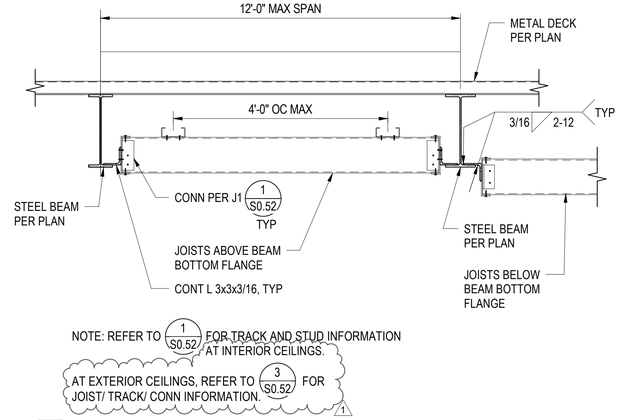
ADDENDUM 1



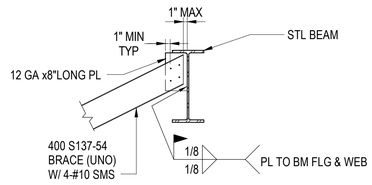
8 / S0.51 LINTEL SECTION
NOT TO SCALE



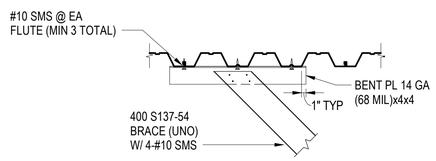
6 / S0.51 TYPICAL METAL STUD RIGID CONN TO HSS
NOT TO SCALE



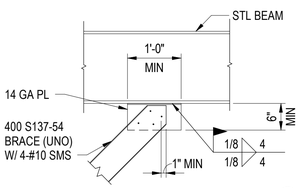
3 / S0.51 SOFFIT CONNECTION TO BEAM FLANGES
NOT TO SCALE



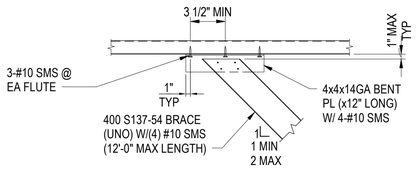
BRACE PERPENDICULAR TO STEEL BEAM (D)



BRACE PERPENDICULAR TO DECK (C)

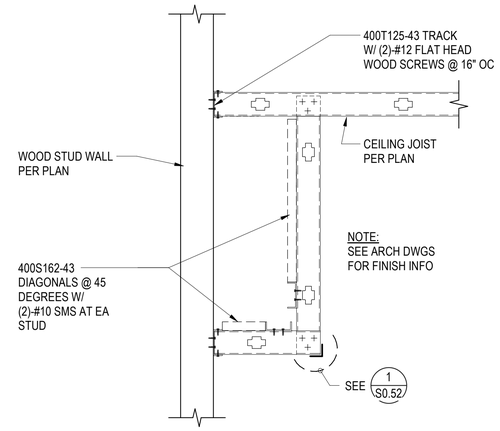


BRACE PARALLEL TO STEEL BEAM (B)

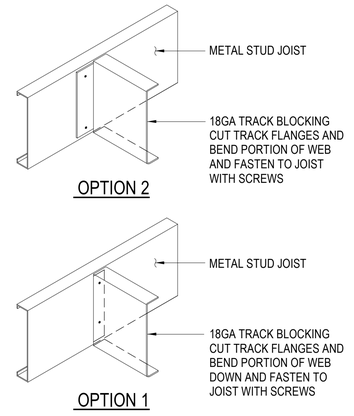


BRACE PARALLEL TO DECK (A)

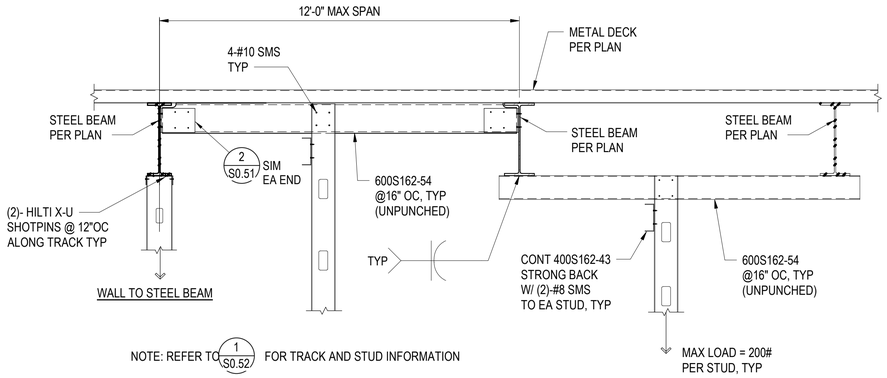
9 / S0.51 TYPICAL METAL STUD WALL BRACE WALL
NOT TO SCALE



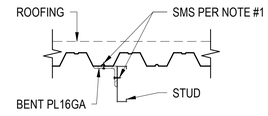
7 / S0.51 HANGING SOFFIT DETAIL AT WOOD STUD WALL
NOT TO SCALE



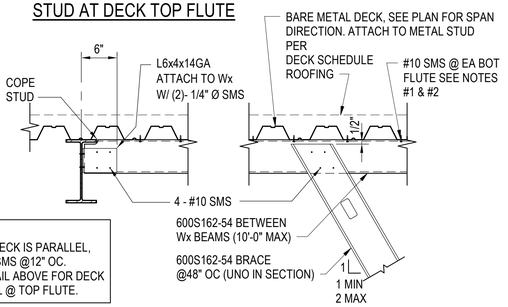
5 / S0.51 TYPICAL JOIST BLOCKING DETAILS
NOT TO SCALE



4 / S0.51 TYPICAL METAL STUD HANGING SOFFIT CONNECTION TO BARE METAL DECK
NOT TO SCALE



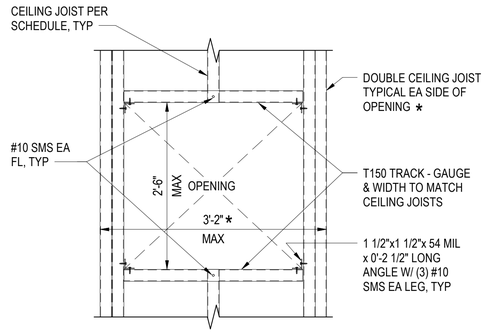
STUD AT DECK TOP FLUTE



NOTES:
1. WHERE DECK IS PARALLEL, USE #10 SMS @12" OC.
2. SEE DETAIL ABOVE FOR DECK PARALLEL @ TOP FLUTE.

2 / S0.51 BRACE AT BARE METAL DECK
NOT TO SCALE

METL-JOST-0002



* NOTE:
IF FRAMED OPENING IS LESS THAN 16" WIDE, PROVIDE SINGLE CEILING JOIST EA SIDE OF OPENING.

1 / S0.51 TYPICAL JOIST FRAMING AT CEILING OPENING LESS THAN 30 WIDE
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 ADDENDUM 01 09/26/2025	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

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BY _____ PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**S0.51**
	SHEET OF

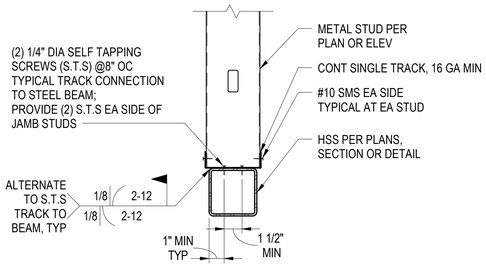
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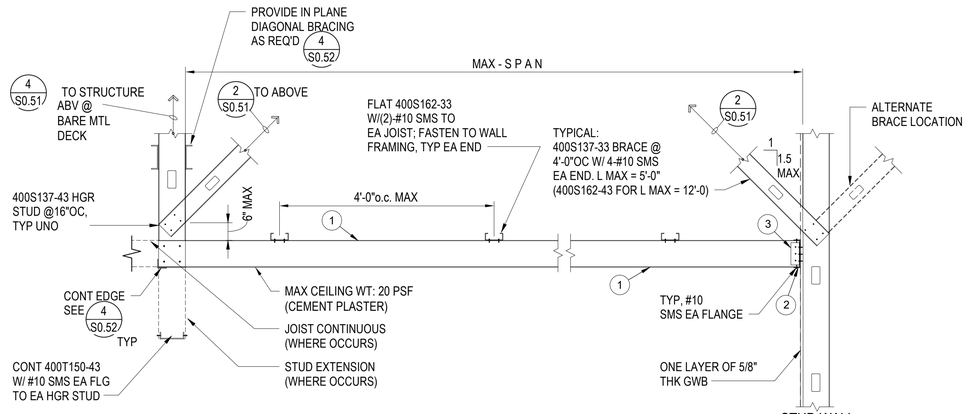
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ADDENDUM 1



NOTE:
SIMILAR CONDITION
OCCURS AT SILL HSS BEAM
TO STUD TRACK

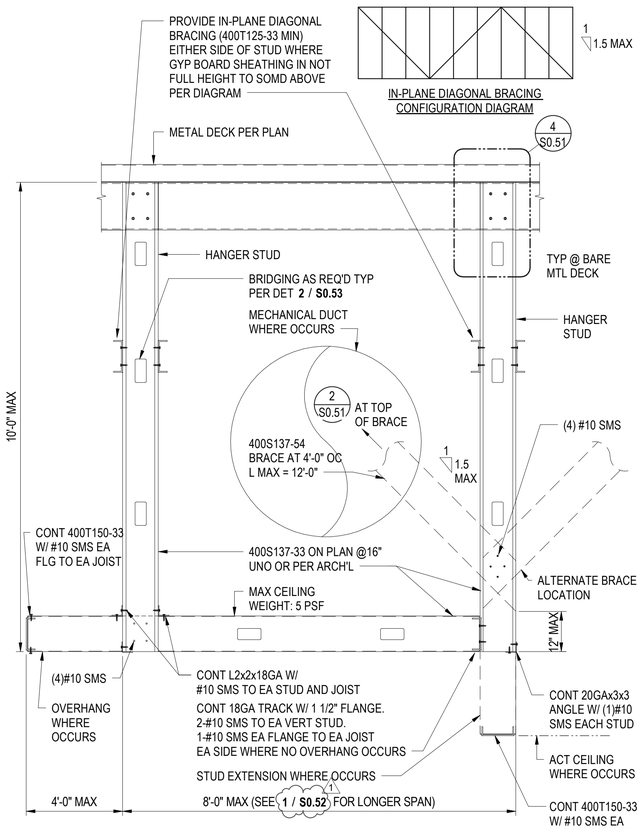
5 / S0.52 TYPICAL STUD TRACK TO HSS BEAM
NOT TO SCALE



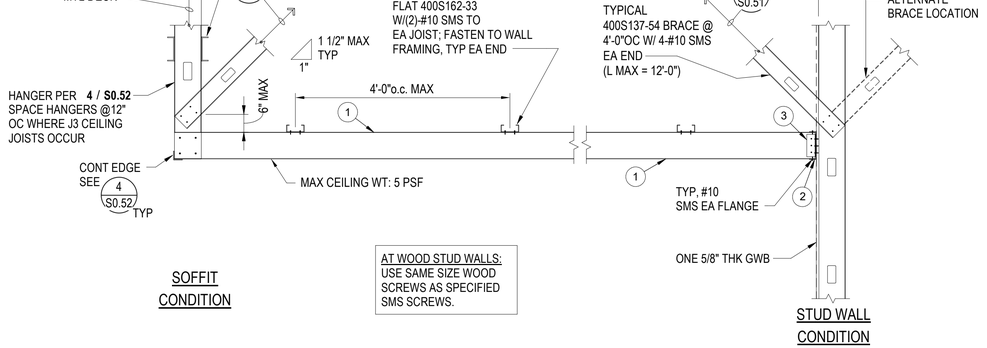
JOIST MARK PER PLAN	MAX SPAN (BETWEEN SUPPORTS)	(1) JOIST (UNPUNCHED)	(2) LEDGER TRACK	(3) CLIP ANGLE
J1	6'-0"	400S162-43 @16"	400T150-54 W/ (2)-#12 TO EA STUD	18 GA (43 MIL)x2"x2"x3" LONG W/ (2)-#10 EA LEG
J2	12'-0"	600S162-54 @16"	600T150-68 W/ (3)-#12 TO EA STUD	16 GA (54 MIL) x2"x2"x5" LONG W/ (3)-#10 EA LEG

NOTES:
1. LOCATE CEILING JOISTS TO EITHER SIDE OF RECESSED LIGHTING (AS REQUIRED) AT STUD WALL SUPPORTED CEILING FRAMING LOCATIONS.
2. FOR CEILING OPENINGS LESS THAN 2'-6" WIDE, SEE TYPICAL DETAIL 1/S0.51
3. HAT CHANNELS MAY BE REQUIRED AT SLOPED EXTERIOR SOFFITS; REFER TO ARCH DETAILS.

3 / S0.52 TYPICAL WALL SUPPORTED EXTERIOR METAL STUD CEILING DETAIL
NOT TO SCALE



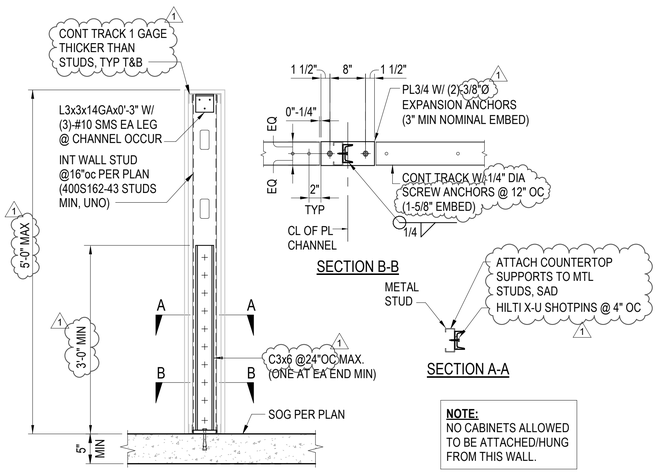
TYPICAL SOFFIT SECTION



JOIST MARK PER PLAN	MAX SPAN (BETWEEN SUPPORTS)	(1) JOIST (UNPUNCHED)	(2) LEDGER TRACK	(3) CLIP ANGLE
J1	12'-0"	400S162-33 @ 16"	400T150-43 W/ (2)-#12 TO EA STUD	18 GA x2"x2"x3" LONG W/ (2)-#10 EA LEG
J2	16'-0"	600S162-33 @ 16"	600T150-43 W/ (3)-#12 TO EA STUD	18 GA x2"x2"x5" LONG W/ (3)-#10 EA LEG
J3	21'-0"	600S162-43 @ 12"	600T150-43 W/ (3)-#12 TO EA STUD	18 GA x2"x2"x5" LONG W/ (3)-#10 EA LEG
B1 (BOX BEAM)	8'-0"	2-600S162-43 (SEE 1/S0.42 FOR SECTION CONN)	600T150-43 W/ (3)-#12 TO EA STUD	EA SIDE OF BOX BEAM: 18 GA x2"x2"x5" LONG W/ (3)-#10 EA LEG

NOTES:
1. LOCATE CEILING JOISTS TO EITHER SIDE OF RECESSED LIGHTING (AS REQUIRED) AT STUD WALL SUPPORTED CEILING FRAMING LOCATIONS.
2. FOR CEILING OPENINGS LESS THAN 2'-6" WIDE, SEE TYPICAL DETAIL 1/S0.51

1 / S0.52 TYPICAL WALL SUPPORTED METAL STUD CEILING DETAIL
NOT TO SCALE



NOTE:
NO CABINETS ALLOWED TO BE ATTACHED/HUNG FROM THIS WALL.

6 / S0.52 PARTIAL HEIGHT WALL SECTION
NOT TO SCALE

4 / S0.52 TYPICAL HANGING METAL STUD SOFFIT FRAMING DETAIL
NOT TO SCALE

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 ADDENDUM 01 09/26/2025	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED
BY PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S0.52**
SHEET OF

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

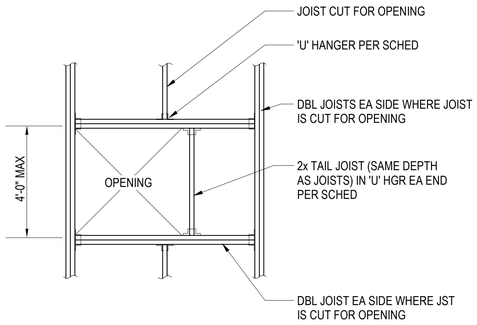
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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

100% CONSTRUCTION DOCUMENTS - 01/12/2024

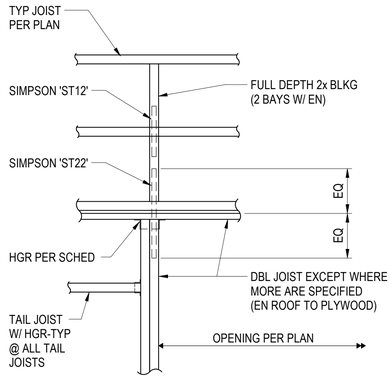
ADDENDUM 1



NOTE:

1. NO MORE THAN 2 JOISTS SHALL BE CUT AT AN OPENING.
2. PROVIDE ROOF EDGE NAILING TO ALL EDGES OF OPENINGS

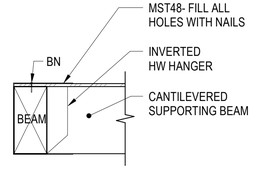
9 S0.72 TYPICAL FRAMING OPENING DETAIL
NOT TO SCALE



PLAN VIEW

WOOD-GENL-0004

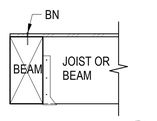
7 S0.72 JOIST SUPPORT AT OPENINGS
NOT TO SCALE



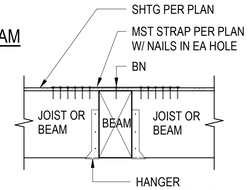
SIMPSON HANGER SCHED	
JOIST	HANGER
2x JOIST	SIMPSON U
DOUBLE JOISTS	SIMPSON HU
4x BEAM	SIMPSON HU
6x BEAM	SIMPSON GLT

* OR SEE PLAN

CANTILEVERED SUPPORTING BEAM



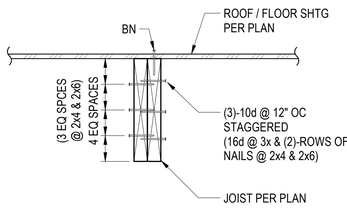
END CONDITION (B)



TYPICAL CONDITION (A)

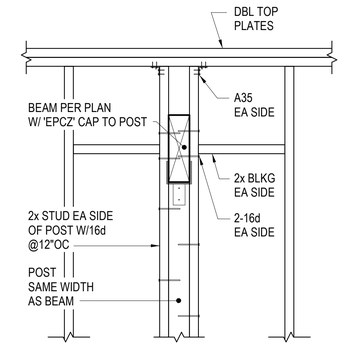
5 S0.72 TYPICAL JOIST OR BEAM TO FLUSH BEAM CONNECTION HANGER SCHEDULE
NOT TO SCALE

WOOD-BEAM-0009

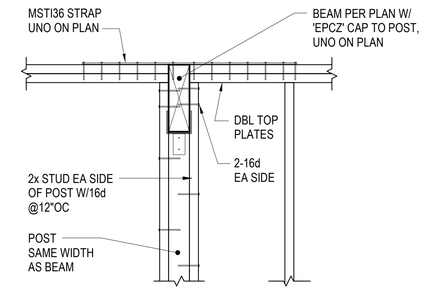


AT 2x8 JOISTS AND DEEPER

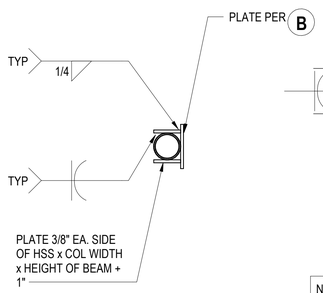
3 S0.72 TYPICAL DOUBLE JOIST CONNECTION
NOT TO SCALE



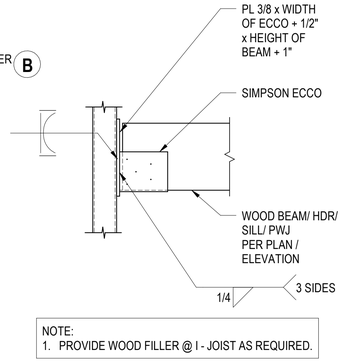
CONDITION B



CONDITION A

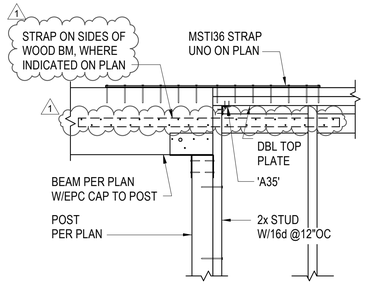


(C) PLAN VIEW CONDITION @ ROUND HSS

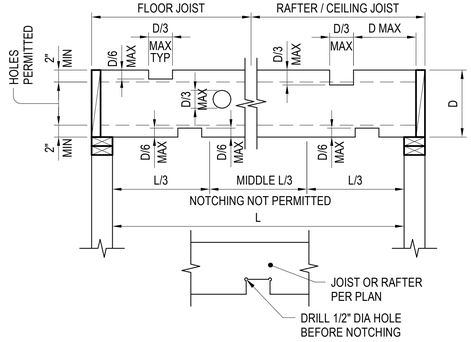


NOTE:
1. PROVIDE WOOD FILLER @ I - JOIST AS REQUIRED.

(B) CONDITION AT CONTINUOUS HSS

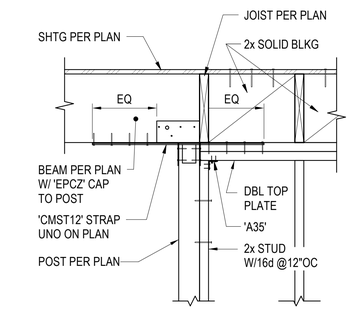


(B) DROP CONDITION

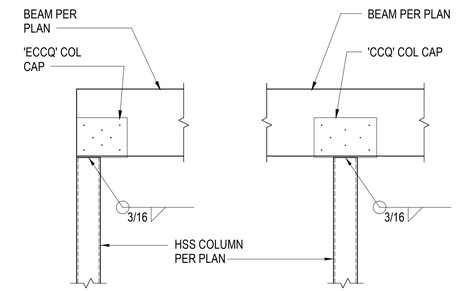


NOTES:
1. MULTIPLE NOTCHES AND HOLES NOT TO OCCUR IN SAME CROSS SECTION.
2. ALL HOLES SHALL BE DRILLED.
3. D/3 MAX NOTCH IS PERMITTED AT THE TOP OF RAFTER / CEILING JOIST.
4. TAPERED CORNERS RECOMMENDED IN ENGINEERED WOOD PRODUCTS.

2 S0.72 TYPICAL JOIST AND RAFTER NOTCHING AND BORING
NOT TO SCALE



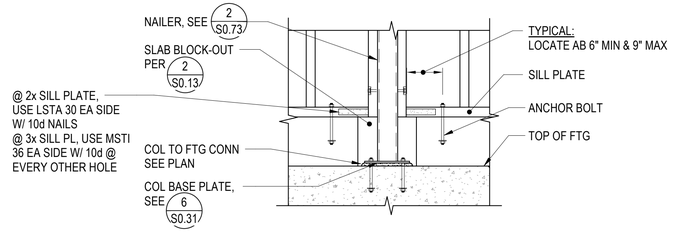
(A) FLUSH CONDITION



END CONDITION INTERIOR CONDITION

NOTE: SEE (8 S0.72) WHERE POST IS LOCATED INSIDE A WALL.

(A) CONDITION AT TOP OF HSS COL



8 S0.72 TYPICAL WOOD DROP BEAM PERPENDICULAR TO WALL
NOT TO SCALE

6 S0.72 TYPICAL WOOD BEAM TO HSS COLUMN CONNECTION
NOT TO SCALE

WOOD-STEL-0008

4 S0.72 TYPICAL WOOD BEAM PARALLEL TO WALL
NOT TO SCALE

1 S0.72 TYPICAL STUD WALL ADJACENT TO STEEL COLUMN
NOT TO SCALE



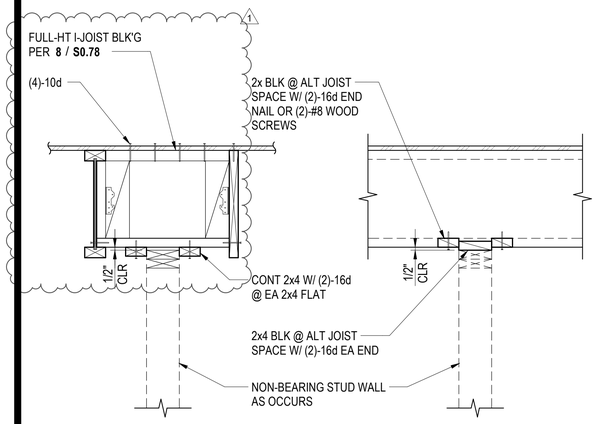
CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED	CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR:				1 ADDENDUM 01	09/26/2025		HORIZ: As indicated	LR	JPR	LR		IMPROVEMENT PLANS FOR:			
INSPECTOR:								PLANS PREPARED UNDER THE SUPERVISION OF			BY	SANTEE COMMUNITY CENTER		CIP 2018-31	S0.72
DATE COMPLETED							VERT:	ROBERT H. RANDALL, S.E.	DATE 04/30/2025		PROJECT ENGINEER				SHEET OF
								RCE NO. S4892	EXPIRES 12/31/2026						

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

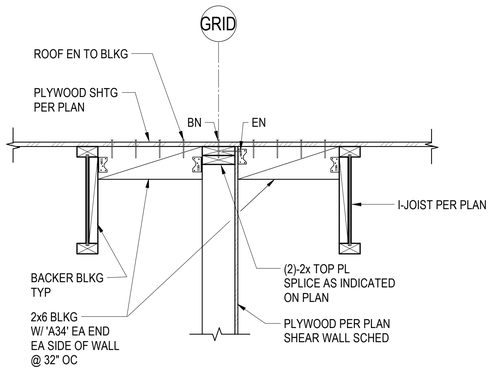
Please Recycle

SANTEE COMMUNITY CENTER - TYPICAL WOOD DETAILS

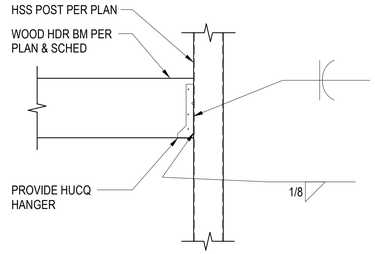
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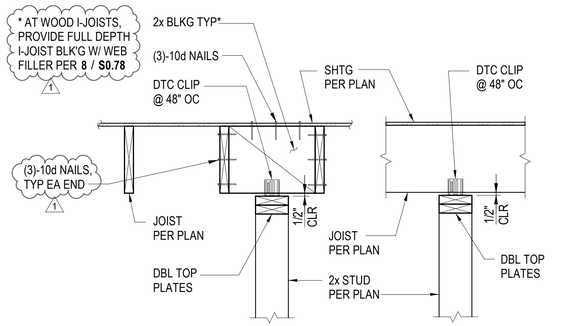
12 S0.73 TYPICAL NON-BEARING WALL ATTACHMENT
NOT TO SCALE



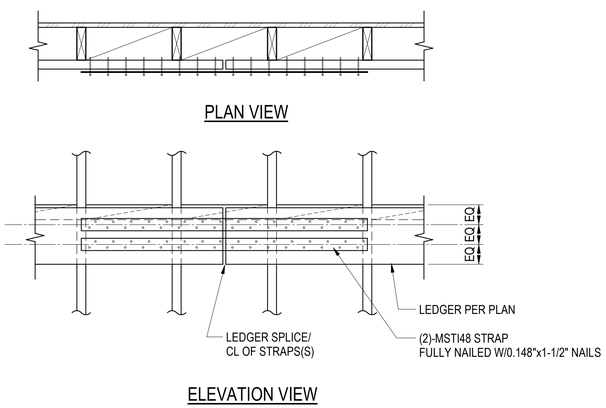
9 S0.73 TYP INT STUD BEARING WALL PARALLEL TO JOIST @ ROOF
NOT TO SCALE



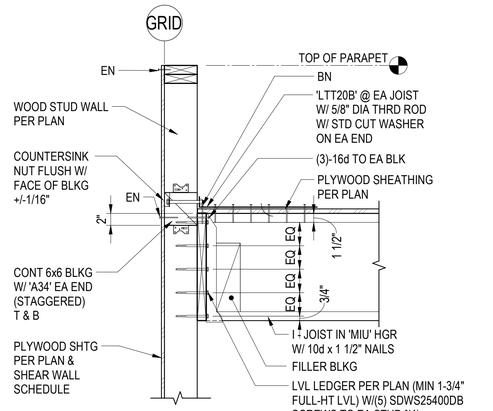
6 S0.73 WOOD HEADER BEAM TO HSS COL
NOT TO SCALE



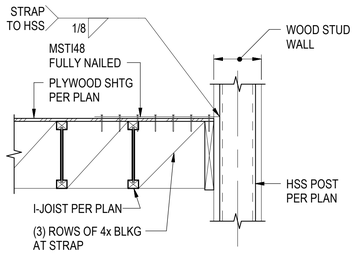
3 S0.73 TYPICAL NON-BEARING WALL TO FRAMING AT TOP OF WALL
NOT TO SCALE



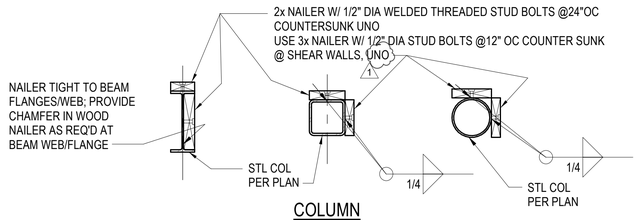
11 S0.73 TYPICAL ROOF LEDGER SPLICE DETAIL
NOT TO SCALE



8 S0.73 TYPICAL EXTERIOR STUD WALL PERPENDICULAR TO JOIST @ ROOF
NOT TO SCALE



5 S0.73 HSS COLUMN TO WOOD- FRAMED FLOOR/ROOF
NOT TO SCALE

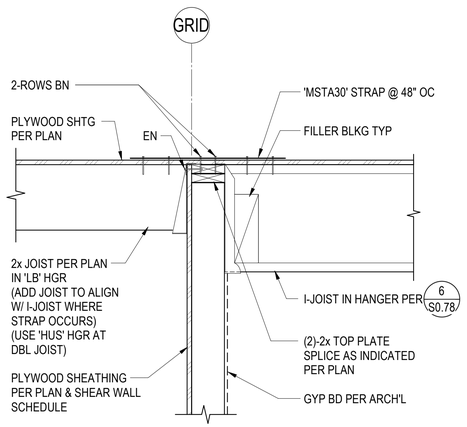


2 S0.73 TYPICAL STEEL BEAM AND COLUMN NAILER DETAILS
NOT TO SCALE

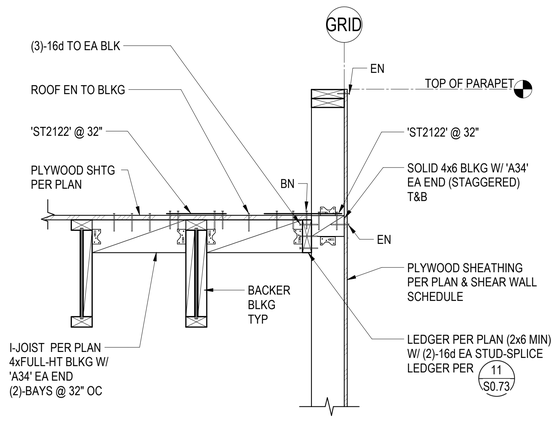
HANGER SCHEDULE
(UNO ON PLAN)

MEMBER	HANGER TYPE	REMARKS
2x JOIST	SIMPSON "LUS" HANGER	SIMPSON "LB" AT NAILERS
DOUBLE JOIST	SIMPSON "HUS" HANGER	-
GLB	SIMPSON "HW" HANGER	UNO ON PLAN

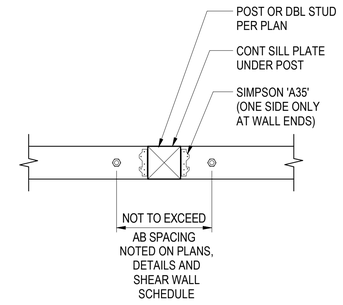
NOTE:
1. COUNTERSINK NUT FOR STUD BOLTS JUST ENOUGH SO TOP OF NUT IS FLUSH WITH BOTTOM OF SHEATHING +/-1/16".
2. FOR NAILER INFO SEE 2 S0.73



10 S0.73 TYPICAL INTERIOR STUD WALL PERPENDICULAR TO JOIST @ ROOF
NOT TO SCALE

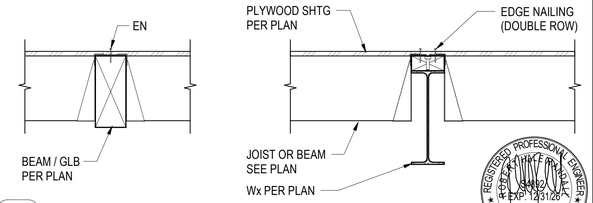


7 S0.73 TYP EXTERIOR STUD WALL PARALLEL TO JOIST @ ROOF
NOT TO SCALE



PLAN AT POST OR DBL. STUD W/ A35'S

4 S0.73 TYPICAL POST AT SILL PLATE
NOT TO SCALE



1 S0.73 TYPICAL JOIST HANGER SCHEDULE (AT BEAM)
NOT TO SCALE

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01	09/26/2025	
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

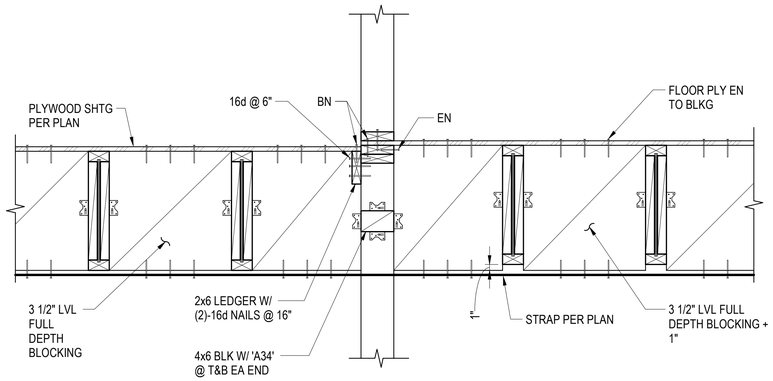
DRAWING NO.: **S0.73**
SHEET OF

100% CONSTRUCTION DOCUMENTS - 01/12/2024

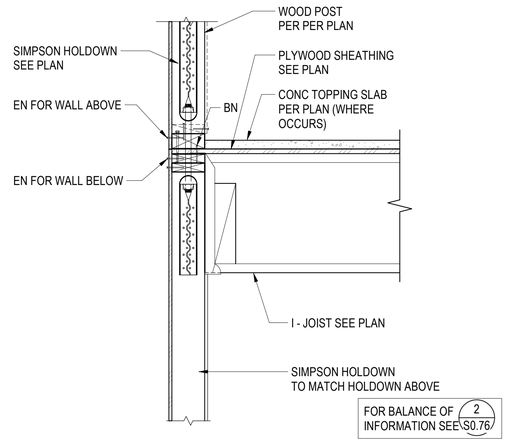
ADDENDUM 1

SANTEE COMMUNITY CENTER - TYPICAL WOOD DETAILS

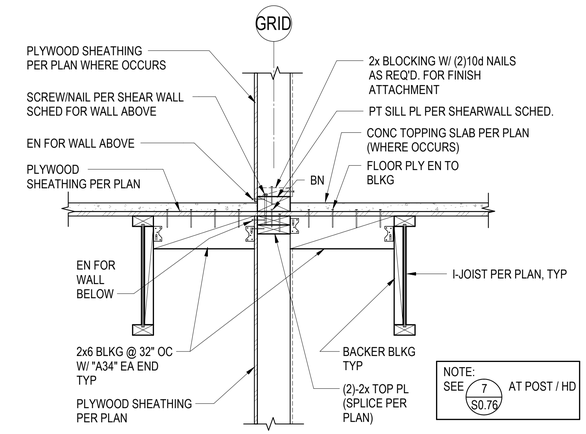
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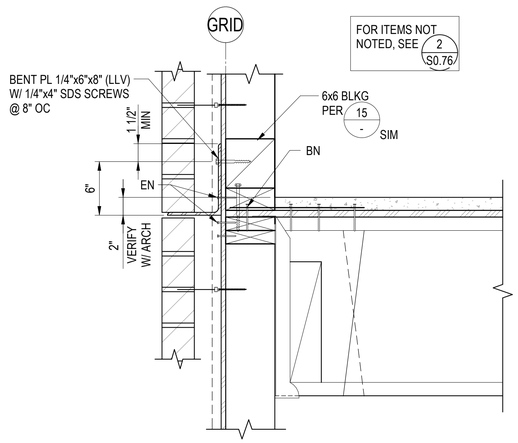
9 / S0.76 DRAG @ DEPRESSED FLOOR DETAIL
NOT TO SCALE



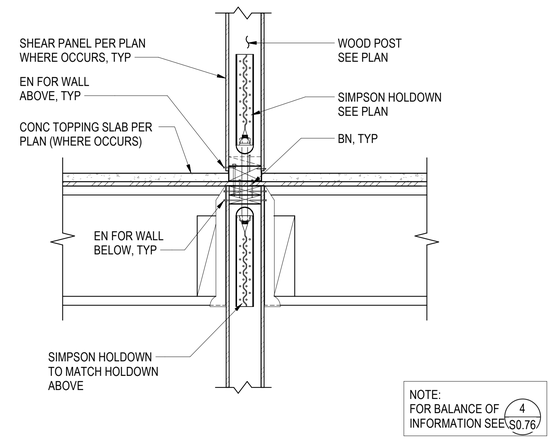
6 / S0.76 TYPICAL EXTERIOR SHEAR WALL PERPENDICULAR TO FLOOR JOISTS - HOLDOWN DETAIL
NOT TO SCALE



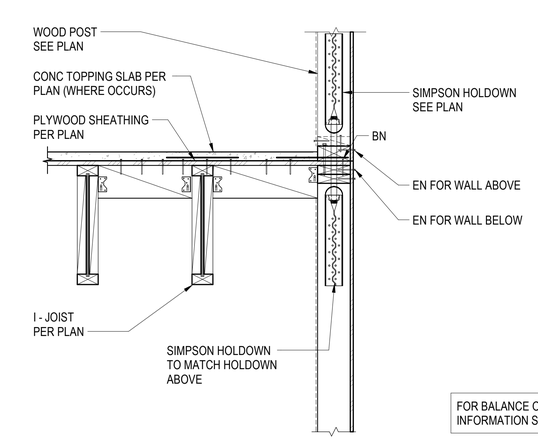
3 / S0.76 TYP INT STUD WALL PARALLEL TO JOIST @ FLOOR
NOT TO SCALE



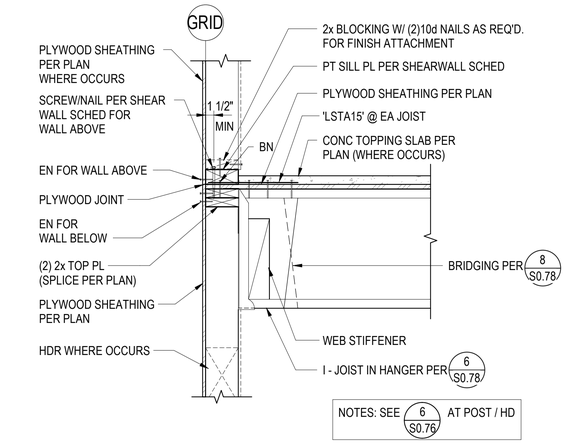
11 / S0.76 LEDGER SUPPORT AT FLOOR
NOT TO SCALE



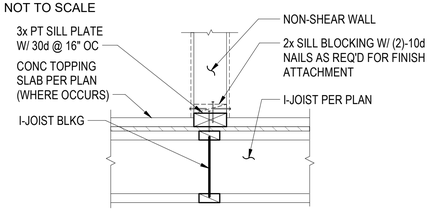
8 / S0.76 TYPICAL INTERIOR SHEAR WALL PERPENDICULAR TO FLOOR JOISTS - HOLDOWN DETAIL
NOT TO SCALE



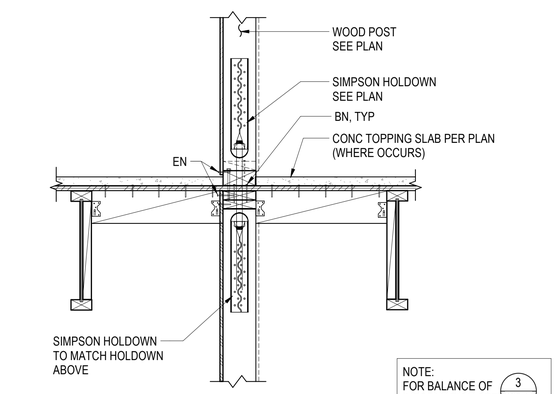
5 / S0.76 TYPICAL EXTERIOR SHEAR WALL PARALLEL TO FLOOR JOISTS- HOLDOWN DETAIL
NOT TO SCALE



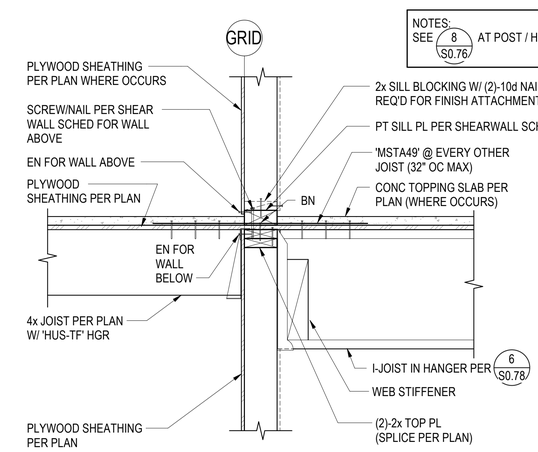
2 / S0.76 TYPICAL EXTERIOR STUD WALL PERPENDICULAR TO JOIST @ FLOOR
NOT TO SCALE



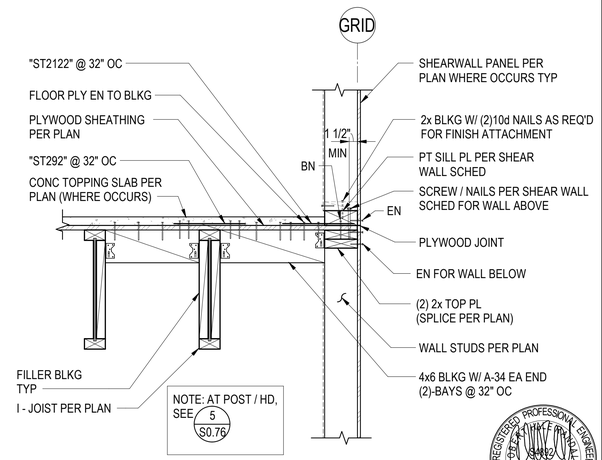
10 / S0.76 TYPICAL PARTITION WALL AT WOOD FLOOR
NOT TO SCALE



7 / S0.76 TYPICAL INTERIOR SHEAR WALL PARALLEL TO JOIST - HOLDOWN DETAIL
NOT TO SCALE



4 / S0.76 TYPICAL INTERIOR STUD WALL PERPENDICULAR TO JOIST @ FLOOR
NOT TO SCALE



1 / S0.76 TYP EXTERIOR STUD WALL PARALLEL TO JOIST @ FLOOR
NOT TO SCALE

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025 RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED _____ BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S0.76** SHEET OF

ADDENDUM 1

100% CONSTRUCTION DOCUMENTS - 01/12/2024

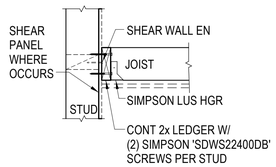
SANTEE COMMUNITY CENTER - TYPICAL WOOD DETAILS

Please Recycle

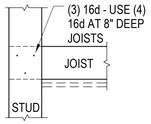
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100% CONSTRUCTION DOCUMENTS - 01/12/2024

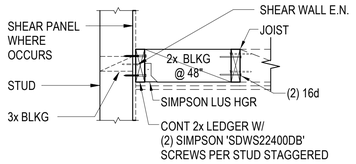
ADDENDUM 1



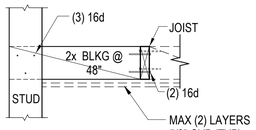
TYPICAL PERPENDICULAR CONDITION



PERPENDICULAR CONDITION WHERE JOISTS CAN LAP STUDS



TYPICAL PARALLEL CONDITION

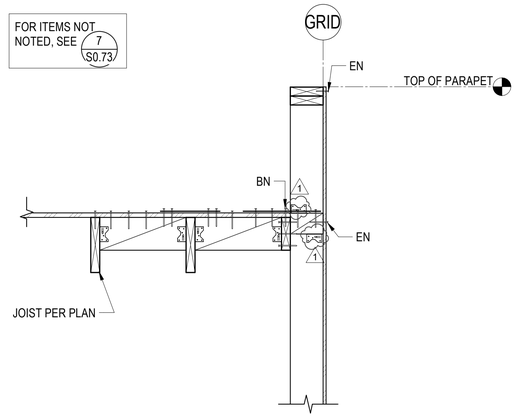


PARALLEL CONDITION WHERE BLOCKING CAN LAP STUDS

SCHEDULE		
JOIST	SPACING	MAX SPAN
2x4	12"	11'-0"
	16"	10'-0"
	24"	9'-0"
2x6	12"	18'-0"
	16"	16'-0"
	24"	14'-0"

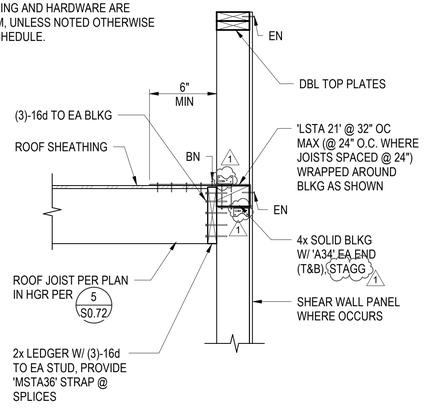
NOTE:
SCHEDULE APPLIES TO INTERIOR CEILING JOISTS ONLY

1 / 11 S0.77 TYP WOOD CEILING JOIST SCHEDULE AND CONNECTION DETAILS
NOT TO SCALE



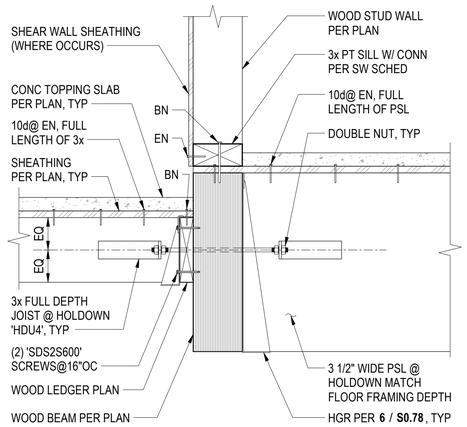
9 S0.77 EXTERIOR WALL AT PARAPET
NOT TO SCALE

NOTE:
ALL PLATES, BLOCKING AND HARDWARE ARE SHOWN AS MINIMUM, UNLESS NOTED OTHERWISE ON SHEAR WALL SCHEDULE.



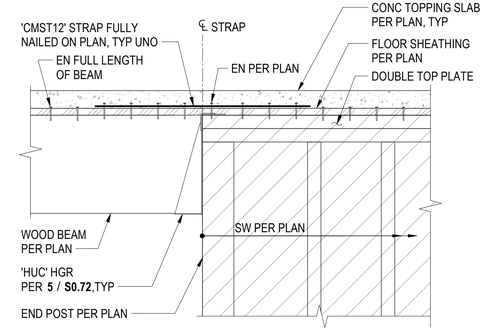
WOOD-SLFL-0011

8 S0.77 TYPICAL EXTERIOR STUD WALL PARAPET PERPENDICULAR TO ROOF JOIST
NOT TO SCALE

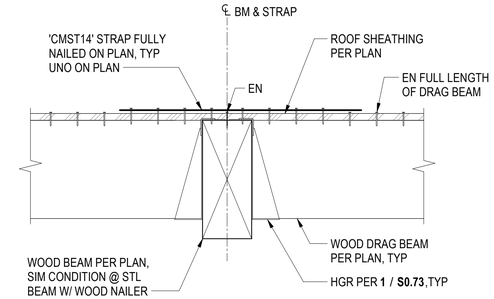


AT WOOD BEAM

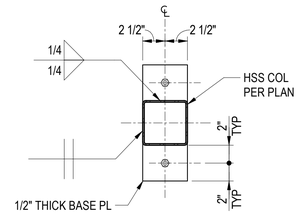
7 S0.77 TENSION TIES @ EXTERIOR DECK DETAIL
NOT TO SCALE



6 S0.77 DRAG DETAIL AT END OF WALL
NOT TO SCALE

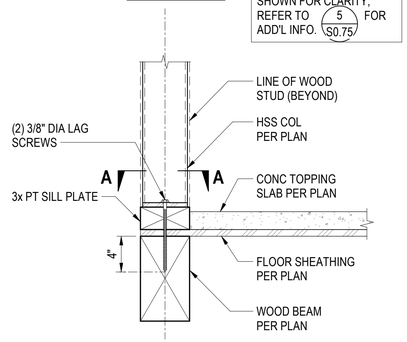


5 S0.77 DRAG DETAIL AT BEAM
NOT TO SCALE

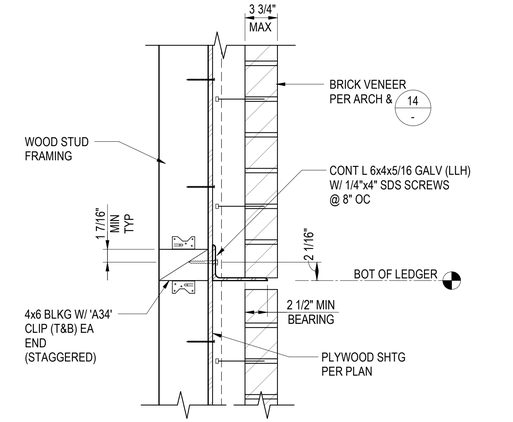


SECTION A-A

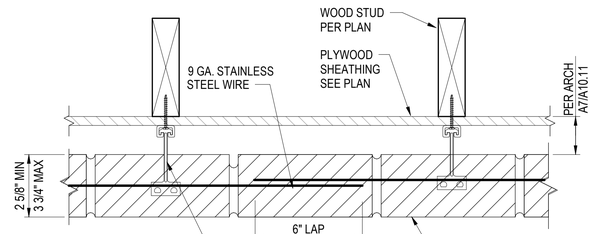
NOTE: WOOD NAILERS NOT SHOWN FOR CLARITY, REFER TO 5 S0.75 FOR ADD'L INFO.



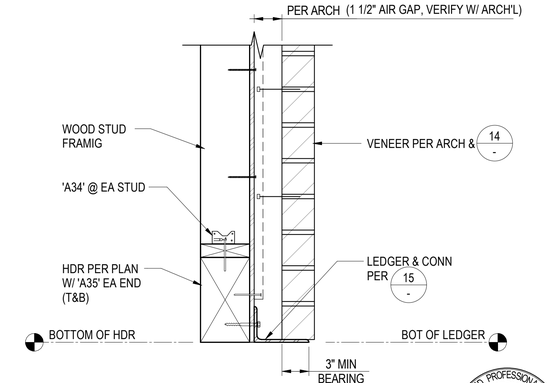
4 S0.77 HSS COL AT SECOND FLOOR BEAM
NOT TO SCALE



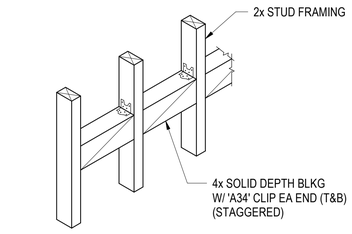
3 S0.77 TYPICAL BRICK VENEER LEDGER SUPPORT CONNECTION AT STUD WALL
NOT TO SCALE



2 S0.77 TYPICAL VENEER TO WOOD STUD CONNECTION
NOT TO SCALE



1 S0.77 TYPICAL AT HEADER VENEER SUPPORT
NOT TO SCALE



EQUIPMENT WEIGHT UNDER 100 LBS (AND FIXTURES)

10 S0.77 BACKING FOR WALL SUPPORTED ITEMS
NOT TO SCALE

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
IMPROVEMENT PLANS FOR: SANTEE COMMUNITY CENTER		CIP 2018-31	S0.77 SHEET OF

SANTEE COMMUNITY CENTER - TYPICAL WOOD DETAILS

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

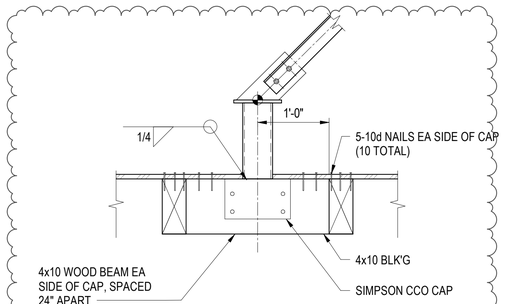
Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

Please Recycle

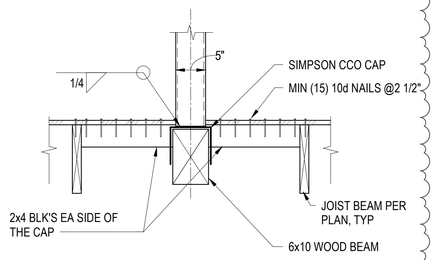
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100% CONSTRUCTION DOCUMENTS - 01/12/2024

ADDENDUM 1



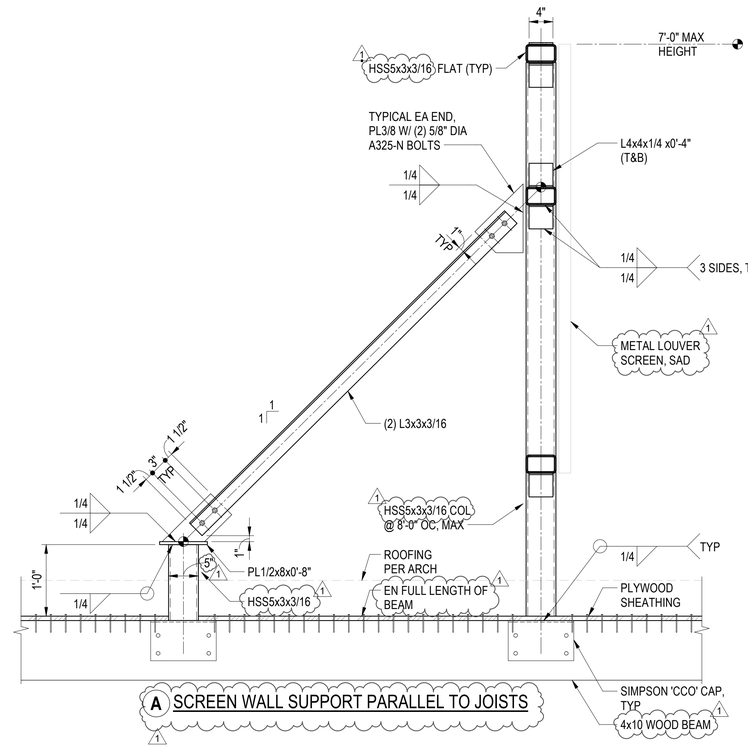
BACK POST



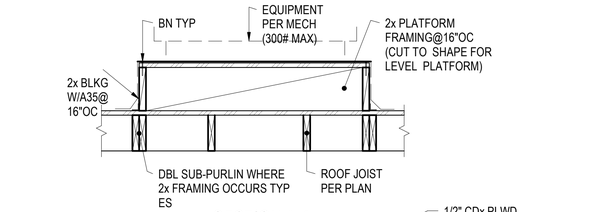
FRONT POST

B SCREEN WALL SUPPORT PERP TO JOISTS

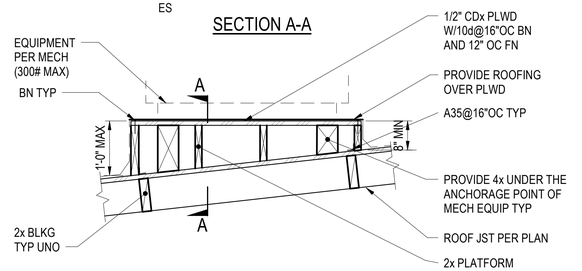
4 / S0.91 TYPICAL MECHANICAL SCREEN WALL SUPPORT DETAIL
NOT TO SCALE



A SCREEN WALL SUPPORT PARALLEL TO JOISTS

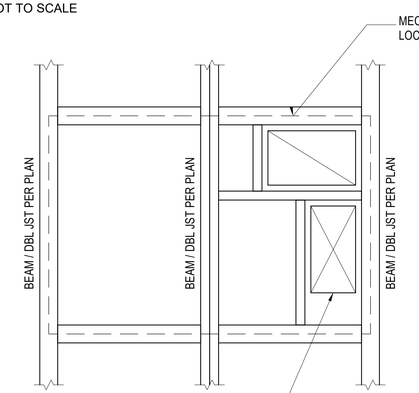


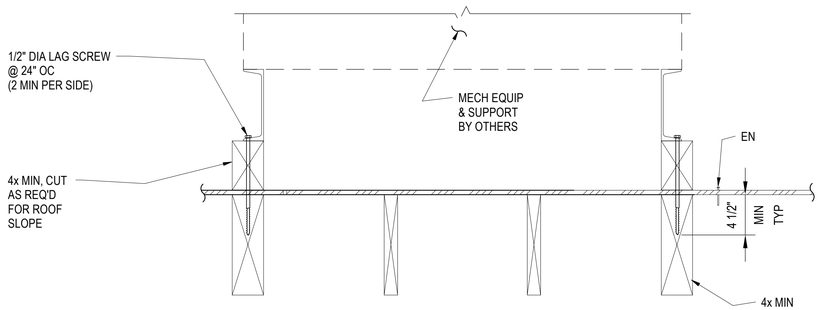
SECTION A-A



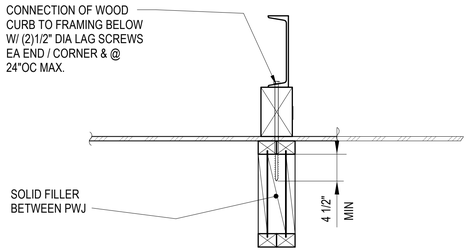
NOTES:
1. SEE PLANS FOR WEIGHTS.
2. FOR PLATFORM REQUIREMENTS COORDINATE W MECH.

2 / S0.91 TYPICAL MECHANICAL UNIT ANCHORAGE DETAIL
NOT TO SCALE



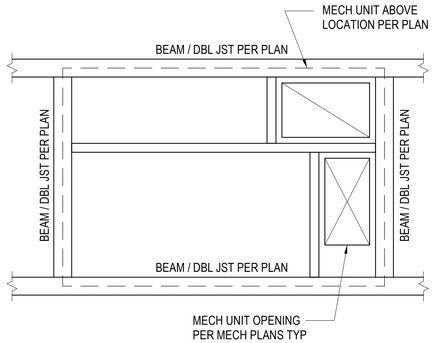


TYPICAL CONDITION



CONDITION AT DBL I - JOIST

3 / S0.91 TYPICAL MECHANICAL UNIT PLATFORM DETAIL
NOT TO SCALE



NOTE
1. PROVIDE EDGE NAILING OF ROOF DIAPHRAGM TO ALL EDGES OF OPENINGS.
2. PROVIDE HANGER PER SCHEDULE.

1 / S0.91 TYPICAL ROOF FRAMING AT MECHANICAL UNIT AT OPEN ROOF
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL 04892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 ADDENDUM 01 09/26/2025	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED
BY PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S0.91** SHEET OF

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

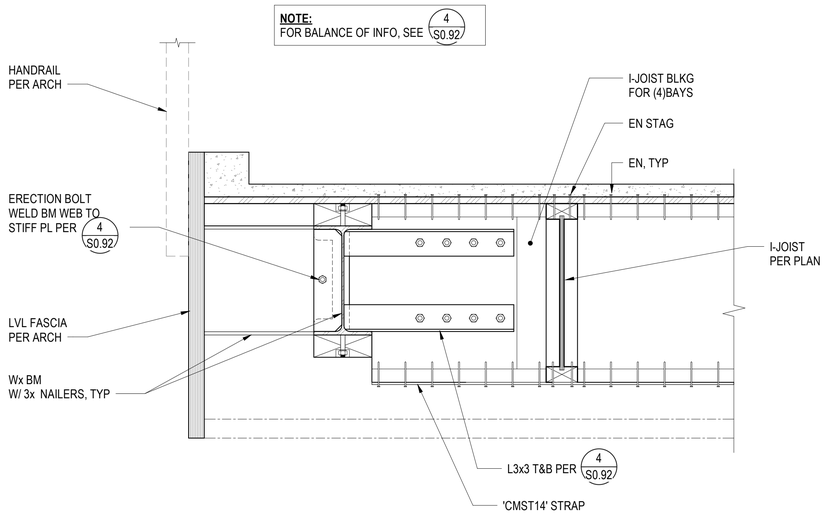
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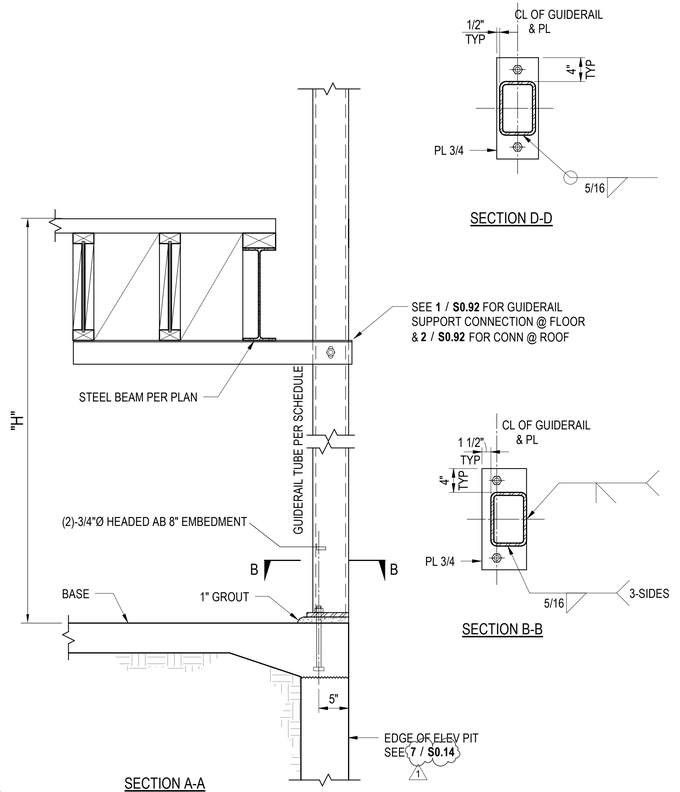
100% CONSTRUCTION DOCUMENTS - 01/12/2024

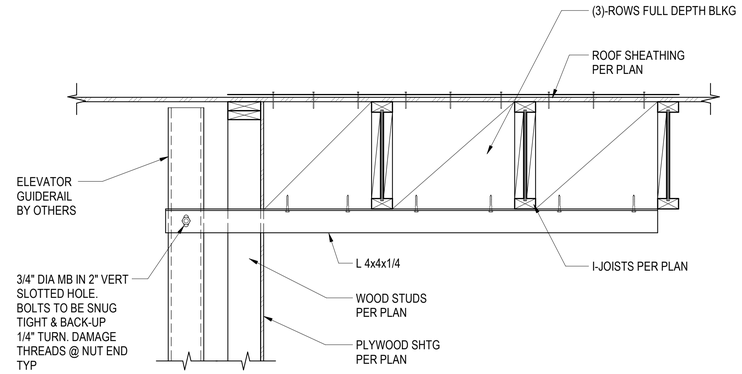
ADDENDUM 1

SANTEE COMMUNITY CENTER - MISCELLANEOUS DETAILS

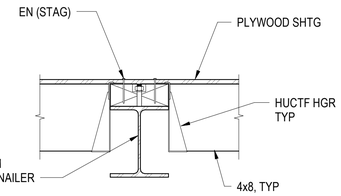


1 / 5 / S0.92 END FLOOR DECK OUTRIGGER DETAIL
1 1/2" = 1'-0"





2 / S0.92 ELEVATOR GUIDERAIL SUPPORT @ ROOF
NOT TO SCALE

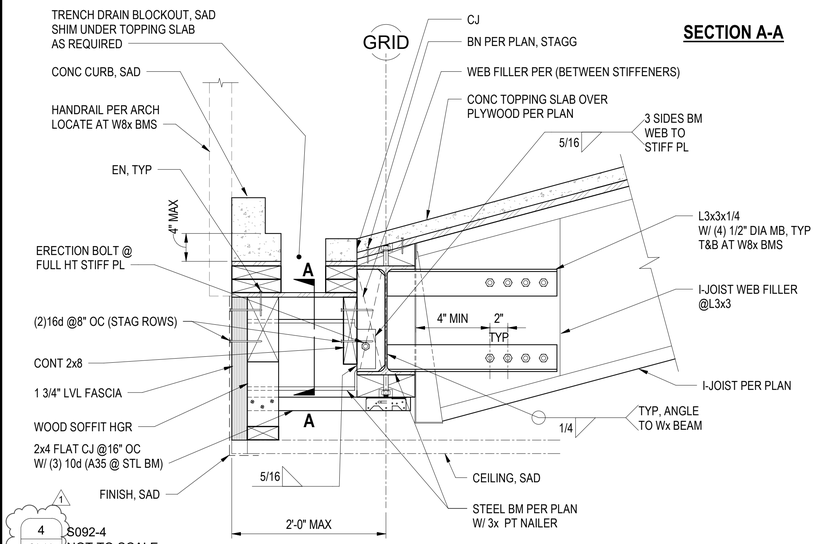


SECTION A-A

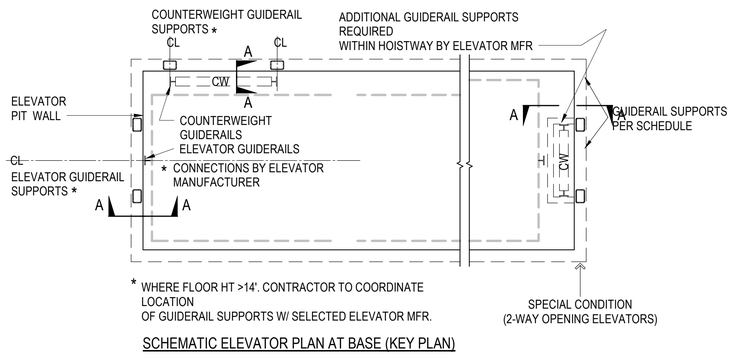
HEIGHT "H"	HSS STEEL SUPPORT SIZE	
	3500# CAR	2000# CAR
16'-0" MAX	(2) HSS 7x5x3/8 1	(2) HSS 7x5x3/8 1

ELEVATOR AND COUNTERWEIGHT GUIDERAIL SUPPORT SCHEDULE

NOTE:
1. LONG DIMENSION OF TUBE IS PARALLEL TO SHAFT WALL
2. GUIDERAIL HSS SIZES TO BE VERIFIED AS PART OF DEFERRED SUBMITTAL 1

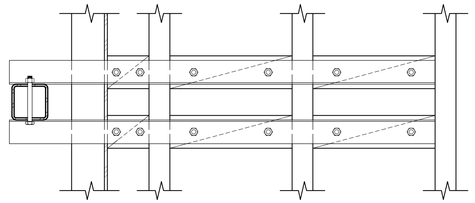


1 / 4 / S092-4 NOT TO SCALE

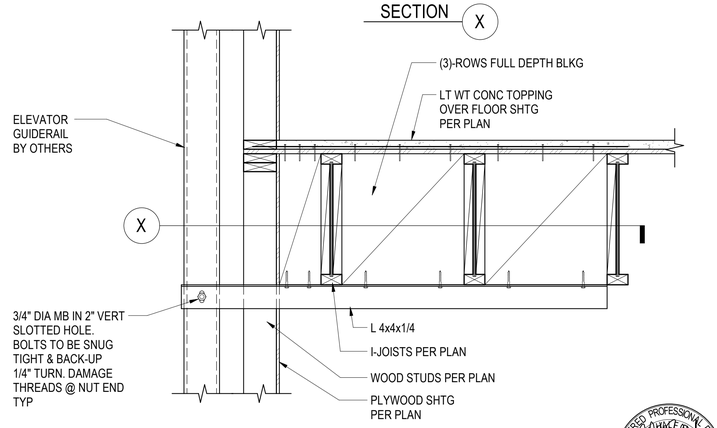


SCHEMATIC ELEVATOR PLAN AT BASE (KEY PLAN)

3 / S0.92 TYPICAL ELEVATOR GUIDERAIL AND COUNTERWEIGHT GUIDERAIL SUPPORT DETAIL
NOT TO SCALE



SECTION X



1 / S0.92 ELEVATOR GUIDERAIL SUPPORT @ FLOOR
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 ADDENDUM 01 09/26/2025	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S0.92** SHEET OF

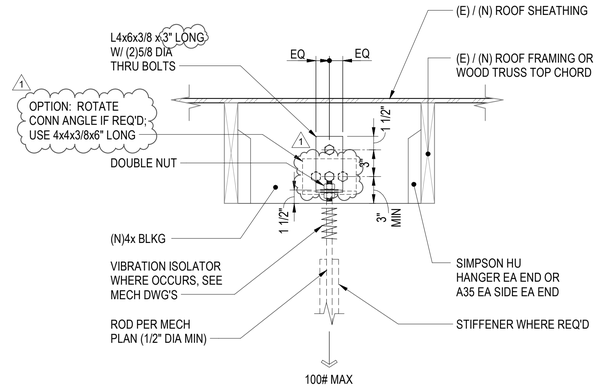
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Please Recycle

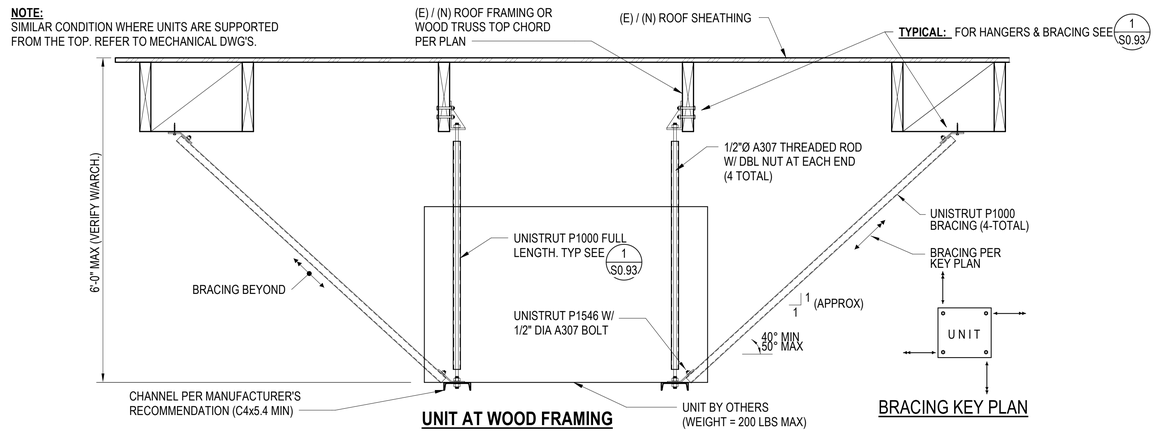
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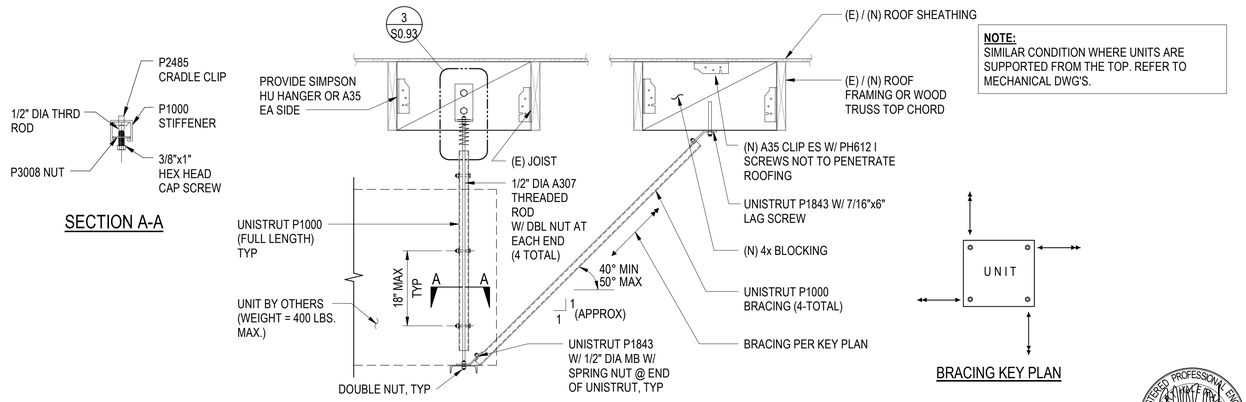
ADDENDUM 1



3 / S0.93 HANGER ROD DETAIL
NOT TO SCALE



2 / S0.93 TYPICAL SUSPENDED MECHANICAL UNIT SUPPORT DETAIL AT WOOD ROOF JOISTS/TRUSS TOP CHORDS
NOT TO SCALE



1 / S0.93 TYPICAL SUSPENDED MECHANICAL UNIT SUPPORT DETAIL BETWEEN WOOD ROOF JOISTS/TRUSS TOP CHORDS
NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

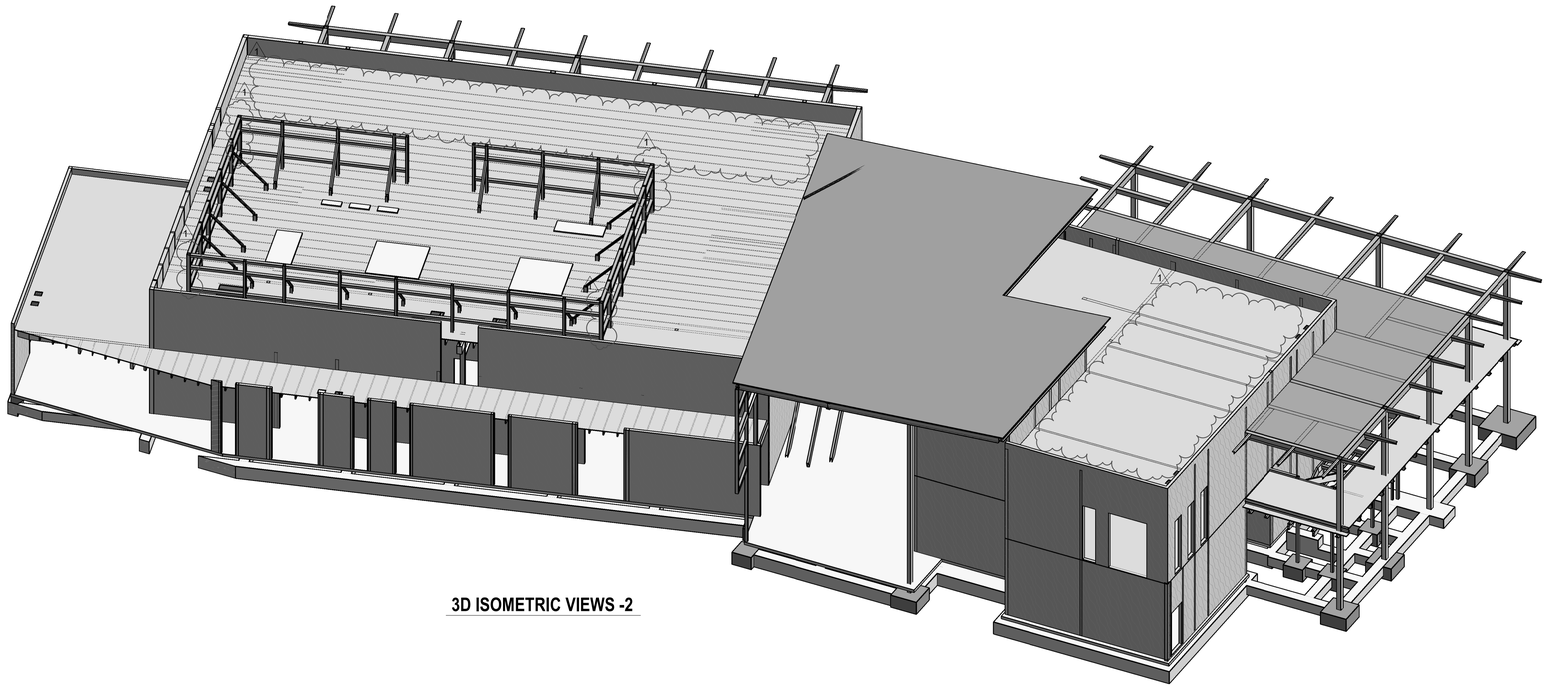
CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED	CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR:				1. ADDENDUM 01 09/26/2025			HORIZ: As indicated	Designer	Author	Checker		IMPROVEMENT PLANS FOR:			
INSPECTOR:								PLANS PREPARED UNDER THE SUPERVISION OF			BY	SANTEE COMMUNITY CENTER		CIP 2018-31	S0.93
DATE COMPLETED							VERT:	ROBERT H. RANDALL, S.E.		DATE 04/30/2025	PROJECT ENGINEER				SHEET OF
								RCE NO. S4892		EXPIRES 12/31/2026					

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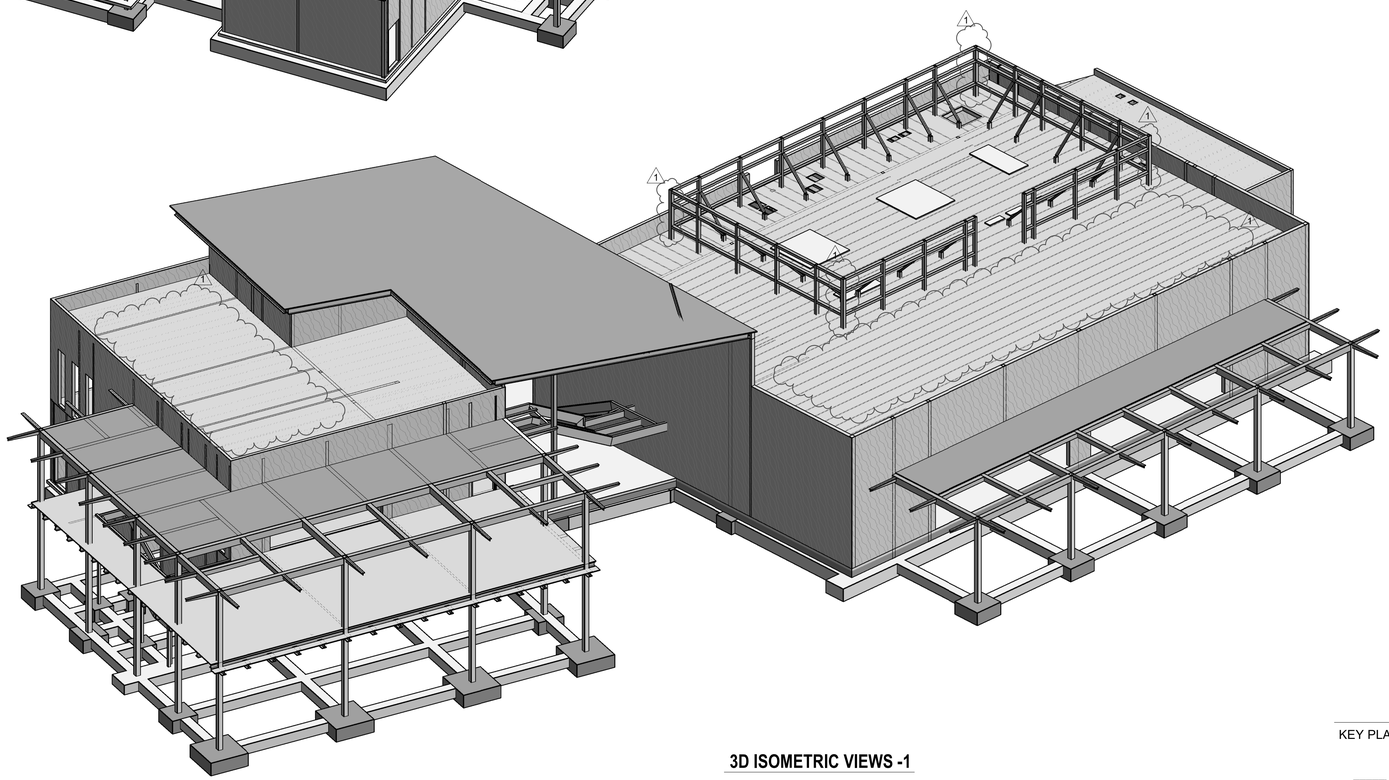
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3D ISOMETRIC VIEWS -2



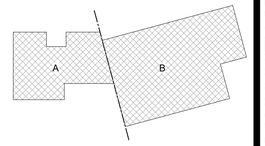
3D ISOMETRIC VIEWS -1

ADDENDUM 1

SANTEE COMMUNITY CENTER - 3D ISOMETRIC VIEWS

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

KEY PLAN:



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 ADDENDUM 01 09/26/2025	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

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	RCE NO. S4892 EXPIRES 12/31/2026		

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BY _____ PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES

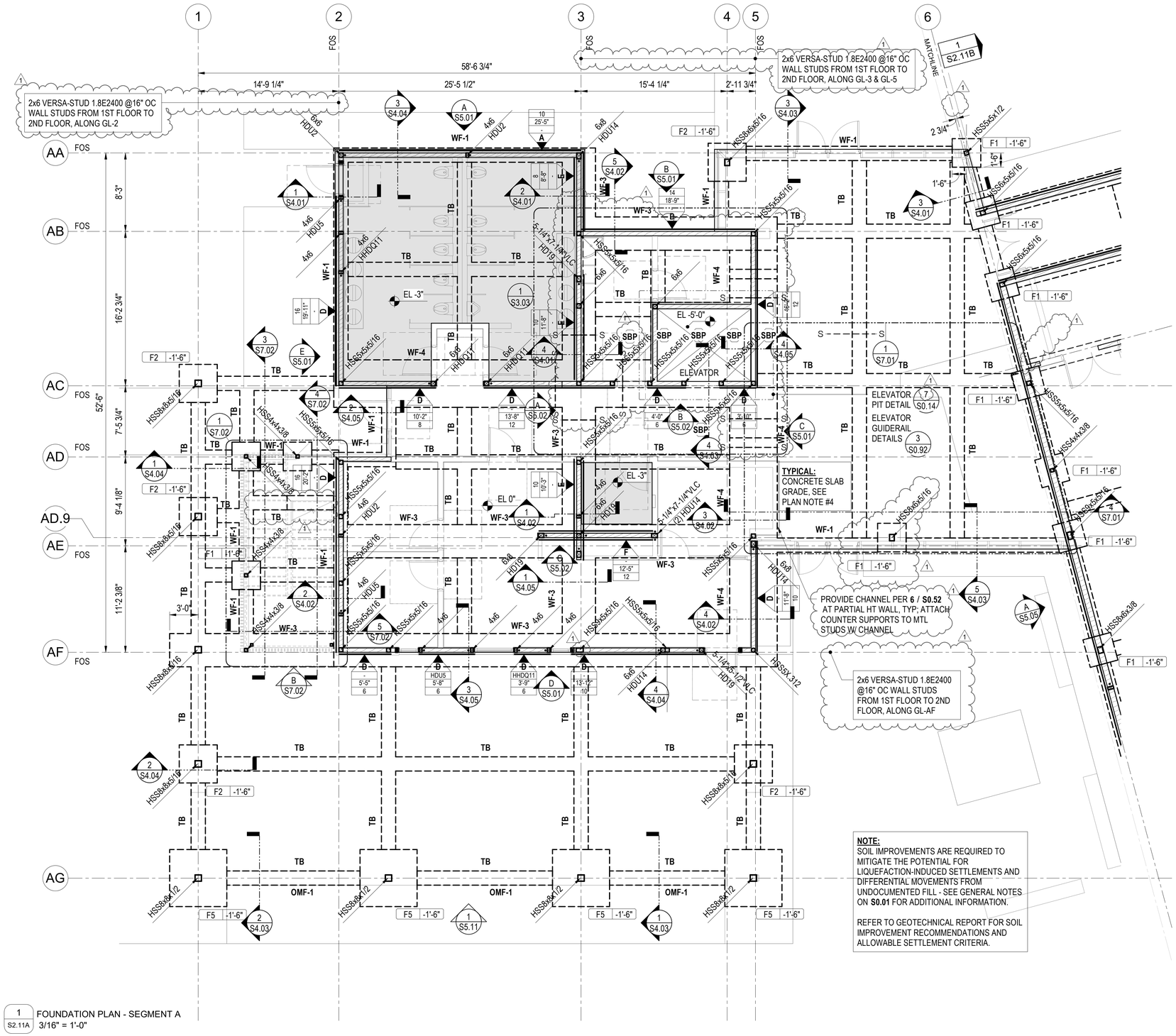
IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	S1.01
	SHEET OF

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1 / S2.11A FOUNDATION PLAN - SEGMENT A
3/16" = 1'-0"

FOUNDATION PLAN NOTES

1. FOR GENERAL NOTES SEE **S0.0X** SERIES SHEETS, FOR TYPICAL DETAILS SEE **S0.1X** THROUGH **S0.9X** SERIES SHEETS.
2. SEE ARCHITECTURAL DWGS FOR REMAINDER OF DIMENSIONS & ELEVATIONS NOT SHOWN ON STRUCT DWGS. VERIFY ALL DIMENSIONS & ELEVATIONS W/ ARCHITECTURAL DWGS PRIOR TO START OF WORK.
3. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, DEPRESSIONS, SLOPES, OPENINGS, CURBS, DRAINS, SLAB EDGE LOCATIONS, ETC., AND FOR WALL OVERALL DIMENSIONS, LOCATIONS OF OPENINGS, ETC., NOT INDICATED ON STRUCTURAL DRAWINGS.
4. TYPICAL SLAB ON GRADE SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:
   A. 5" CONCRETE SLAB W/ #4 @ 18" OC EACH WAY AT CENTER OF SLAB OVER.
   B. 15 MIL VAPOR BARRIER OVER 6" OF FREE DRAINING CLEAN (WASHED) 3/4" DIA CRUSHED ROCK OVER
   C. COMPACTED, NON-EXPANSIVE MATERIAL PER GEOTECHNICAL REPORT.
5. PROVIDE CONSTRUCTION JOINTS AND WEAKENED PLANE JOINTS (INDICATED AS CJ AND PW, RESPECTIVELY) IN SLAB ON GRADE AS SHOWN ON DETAIL **1 / S0.13** (LOCATE PER ARCHITECTURAL DRAWINGS).
6. ALL FOOTINGS SHALL BE CENTERED ON WALLS OR COLUMNS UNLESS NOTED OTHERWISE.
7. ALL COLUMNS SHALL BE CENTERED ON GRID LINES UNLESS NOTED OTHERWISE.
8. PROVIDE SHEAR WALL SHEATHING WITH "TYPE A" NAILING AT THE FOLLOWING CONDITIONS:
   A. ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALL PER PLAN; WHERE AN EXTERIOR WALL IS DESIGNATED AS SHEAR WALL FOR ONLY A PORTION OF THE WALL LENGTH, ADDITIONAL "TYPE A" SHEAR WALL SHEATHING IS REQUIRED ON THE REMAINDER OF THE WALL, INCLUDING ABOVE AND BELOW OPENING, PARAPETS, ETC.
   B. ALL INTERIOR WALLS AS REQUIRED FOR ALIGNMENT OF WALL FINISHES; ADDITIONAL SHEAR WALL SHEATHING ONLY REQUIRED ON THE SIDES OF THE WALLS WHERE REQUIRED SHEAR WALL SHEATHING OCCURS.
9. TYPICAL WOOD STUDS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLAN

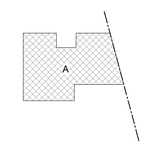
SHEAR WALL:	2x6 @ 16" AT ALL EXTERIOR WALL, UNO ON PLAN 2x6 @ 16" AT INTERIOR WALL UNO ON PLAN
EXTERIOR WALL:	2x6 @ 16" UNO
INTERIOR BEARING WALL:	2x6 @ 16" AND LARGER AS INDICATED BY ARCH
INTERIOR NON-BEARING WALL:	2x4 @ 16" FOR HEIGHTS UP TO 10' OR 2x6 @ 16" AND LARGER AS INDICATED BY ARCH. 2x8 VERSA-STUD 1.8E 2400 @ 16" FOR HEIGHTS > 17'-0".

10. HOLDOWN CONNECTORS SHALL BE TIGHTENED JUST PRIOR TO COVERING THE WALL FRAMING.
11. TOP OF STRUCTURE SLAB ELEVATION SHALL BE + /- 0'-0" RELATIVE TO ARCH FLOOR DATUM ELEVATION; UNLESS OTHERWISE THUS IN PLAN.
12. ALL NAILS ARE COMMON NAILS.
13. ALL HARDWARE IS BY "SIMPSON" TYPICAL OR APPROVED EQUAL.
14. ALL FOUNDATION EXCAVATIONS MUST BE OBSERVED AND APPROVED BY THE PROJECT GEOTECHNICAL CONSULTANT PRIOR TO PLACING OF REINFORCEMENT STEEL.
15. SLAB ON GRADE SHALL POUR DOWN TO TOP OF FOOTINGS AT INTERIOR CONDITIONS SEE **3 / S3.01**
16. ALL STEEL AT EXTERIOR CONDITIONS BELOW GRADE SHALL HAVE A MINIMUM OF 3" CONCRETE COVER, SEE **4 / S3.01**.
17. REFER TO GENERAL NOTES FOR CRITERIA ON SOIL IMPROVEMENTS.
18. PRIOR TO THE CONTRACTOR REQUESTING A BUILDING DEPARTMENT FOUNDATION INSPECTION, THE SOILS ENGINEER SHALL ADVISE THE BUILDING OFFICIAL IN WRITING THAT
   A. THE BUILDING PAD WAS PREPARED IN ACCORDANCE WITH THE SOILS REPORT.
   B. THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED.
   C. THE FOUNDATION EXCAVATIONS COMPLY WITH THE INTENT OF THE SOILS REPORT.

FOUNDATION LEGENDS

- HSS — INDICATES STEEL COLUMN. FOR BASE PLATE SEE **6 / S0.31** UNO. FOR NAILERS SEE **2 / S0.73**
- S - - - S — INDICATES STEP FOOTING, SEE DETAIL **3 / S0.13**
- INDICATES RAISED OR DEPRESSED SLAB, COORDINATE W/ MECH/ELECT DWGS/ARCH **1D / S0.13**
- FX | - — INDICATES FOOTING MARK SEE SCHEDULE **1 / S3.02**
- INDICATES TOP OF FOOTING ELEVATION RELATIVE TO THE LOWEST ADJACENT TOP OF CONCRETE SLAB OR FINISHED GRADE ELEVATION. WHERE NOT INDICATED, TOP OF FOOTING TO BE 1'-6" FROM LOWEST ADJACENT TOP OF SLAB OR FINISHED GRADE ELEVATION. REFER TO CIVIL DRAWINGS.
- A | HD | 12'-0" | 5 — INDICATES SHEAR WALL MARK FOR PLYWOOD SHEAR WALL; INDICATES SHEAR WALL TYPE PER SCHEDULE **1 / S0.81**; INDICATES HOLDOWN TYPE EACH END OF SHEAR WALL; INDICATES SHEAR WALL DESIGN LENGTH; INDICATES MIN NUMBER OF ANCHOR BOLTS, SEE **1 / S0.81**
- INDICATES HOLDOWN LOCATION. FOR HOLDOWN SEE **1 / S0.82**
- OR POST HDU5 — INDICATES WOOD POST (HOLDOWN WHERE REQUIRED AT SPECIFIC LOCATION)
- **WF-1** — INDICATES WALL FOOTING, SEE DETAIL **5 / S3.01**
- **TB** — INDICATES TIE BEAM, SEE DETAIL **4 / S3.02** & **5 / S3.02**
- XX | XX | XXX# — INDICATES MECHANICAL UNIT TYP - SEE "M" SERIES DRAWINGS; INDICATES MECHANICAL UNIT NUMBER; INDICATES MAXIMUM DESIGN WEIGHT
- INDICATES MEP UNITS. SEE TYPICAL CONC HOUSEKEEPING PAD DETAIL **3 / S0.14** WHERE NOTED IN MEP DWGS.
- VLC — VERSA-LAM 1.8 2650 COLUMN (SEE GENERAL NOTES ON **S0.04**)

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**S2.11A**
	SHEET OF

ADDENDUM 1
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SANTEE COMMUNITY CENTER - FOUNDATION PLAN - SEGMENT A

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ADDENDUM 1

PLAN NOTES:

1. REFERS TO **S2.11A** FOR FOUNDATION PLAN NOTES AND LEGEND.

TYPICAL:
CONCRETE SLAB ON GRADE, SEE NOTE #4 ON SHEET **S2.11A**

NOTE:
SOIL IMPROVEMENTS ARE REQUIRED TO MITIGATE THE POTENTIAL FOR LIQUEFACTION-INDUCED SETTLEMENTS AND DIFFERENTIAL MOVEMENTS FROM UNDOCUMENTED FILL - SEE GENERAL NOTES ON **S0.01** FOR ADDITIONAL INFORMATION.

REFER TO GEOTECHNICAL REPORT FOR SOIL IMPROVEMENT RECOMMENDATIONS AND ALLOWABLE SETTLEMENT CRITERIA.

2x8 VERSA-STUD 1.8E 2400@16" OC WALL STUDS AT GL 7

2x8 VERSA-STUD 1.8E 2400@16" OC WALL STUDS AT GL BD

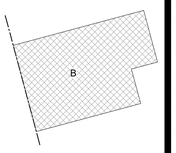
2x6 VERSA-STUD 1.8E 2400 @ 16" OC WALL STUDS AT GL BB

2x8 VERSA-STUD 1.8E 2400@16" OC WALL STUDS AT GL 6

SEE ARCH DWGS FOR EXTENTS OF SCREEN WALL

1 / S2.11B FIRST FLOOR / FOUNDATION PLAN - SEGMENT B
3/16" = 1'-0"

KEY PLAN:



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS
CONTRACTOR:				1 ADDENDUM 01 09/26/2025
INSPECTOR:				
DATE COMPLETED				

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED _____

BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S2.11B** SHEET OF

SANTEE COMMUNITY CENTER - FOUNDATION PLAN - SEGMENT B

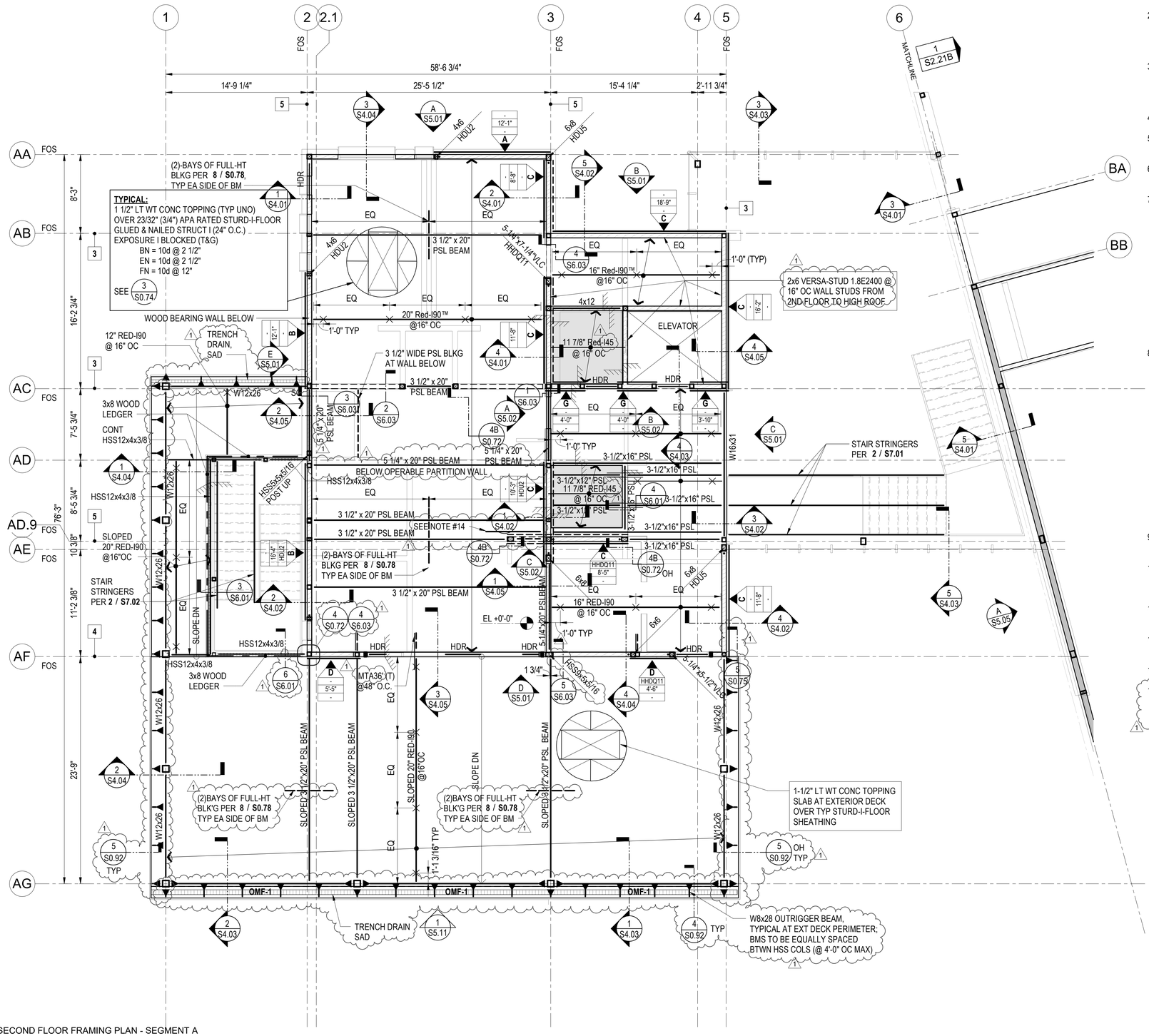
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ADDENDUM 1



1 S2.21A SECOND FLOOR FRAMING PLAN - SEGMENT A
3/16" = 1'-0"

FLOOR FRAMING NOTES

1. FOR GENERAL NOTES SEE **S0.0X** SERIES SHEETS. FOR TYPICAL DETAILS SEE **S0.1X** THROUGH **S0.9X** SERIES SHEETS.
2. SEE ARCHITECTURAL DWGS FOR REMAINDER OF DIMENSIONS & ELEVATIONS NOT SHOWN ON STRUCT DWGS. VERIFY ALL DIMENSIONS & ELEVATION W/ ARCHITECTURAL DWGS PRIOR TO START WORK.
3. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, DEPRESSIONS, SLOPES, OPENINGS, CURBS, DRAINS, ETC. AND FOR WALL OVERALL DIMENSIONS, LOCATION OF OPENINGS, ETC. NOT INDICATED ON STRUCTURAL DRAWINGS.
4. SPACE BEAMS EQUALLY BETWEEN COLUMNS & GIRDERS UNO.
5. ALL STEEL EXPOSED TO WEATHER SHALL BE GALVANIZED PER STRUCTURAL STEEL GENERAL NOTE #8 ON **S0.01**.
6. FOR ALL EXPOSED STEEL AND CONNECTIONS, REFER TO ARCHITECTURAL DRAWINGS FOR AESS CLASSIFICATION.
7. PROVIDE SHEAR WALL SHEATHING WITH "TYPE A" NAILING AT THE FOLLOWING CONDITIONS:
   A. ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALL PER PLAN; WHERE AN EXTERIOR WALL IS DESIGNATED AS SHEAR WALL FOR ONLY A PORTION OF THE WALL LENGTH, ADDITIONAL "TYPE A" SHEAR WALL SHEATHING IS REQUIRED ON THE REMAINDER OF THE WALL, INCLUDING ABOVE AND BELOW OPENING, PARAPETS, ETC.
   B. ALL INTERIOR WALLS AS REQUIRED FOR ALIGNMENT OF WALL FINISHES; ADDITIONAL SHEAR WALL SHEATHING ONLY REQUIRED ON THE SIDES OF THE WALLS WHERE REQUIRED SHEAR WALL SHEATHING OCCURS.
8. TYPICAL WOOD STUDS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLAN

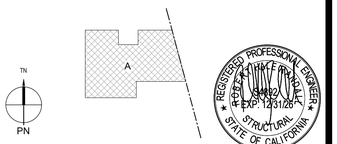
SHEAR WALL:	2x6 @ 16" AT ALL EXTERIOR WALL, UNO 2x6 @ 16" AT INTERIOR WALL UNO
EXTERIOR WALL:	2x6 @ 16" UNO
INTERIOR BEARING WALL:	2x6 @ 16" AND LARGER AS INDICATED BY ARCH
INTERIOR NON-BEARING WALL:	2x4 @ 16" FOR HEIGHTS UP TO 10' OR 2x6 @ 16" AND LARGER AS INDICATED BY ARCH. 2x8 VERSA-STUD 1.8E 2400 @ 16" FOR HEIGHTS > 17'-0".

9. HOLDOWN CONNECTORS SHALL BE TIGHTENED JUST PRIOR TO COVERING THE WALL FRAMING.
10. DIAPHRAGM NAILING TO BE INSPECTED BEFORE COVERING, FACE GRAIN OF PLYWOOD SHALL BE PERPENDICULAR TO SUPPORT.
11. ALL HARDWARE ARE BY "SIMPSON" TYPICAL OR APPROVED EQUAL.
12. ALL SAWN WOOD FRAMING EXPOSED TO WEATHER SHALL BE P.T.D.F.
13. ALL NAILS ARE COMMON NAILS, UNO.
14. 'MSTI36' (T) PER **4 / S0.72** & (2)-'MSTI36' (S) ES. PROVIDE 3" WIDE SHIM (THICKNESS AS REQ'D) FOR LENGTH OF STRAP AT PSL BM AND 3x BLK'G AT SHEAR WALL.

FRAMING LEGENDS

- EL X'-X" — TOP OF STRUCT SLAB ELEVATION OTHER THAN DATUM - VERIFY W/ ARCHITECTURAL DRAWINGS.
- A S5.03 HSS POST UP — NON-FRAME STEEL COLUMN MARK FOR COLUMN OCCURRING ABOVE - SEE **5 / S0.31** , UNO.
- CHANGE IN TOP OF STRUCT SLAB ELEVATION - VERIFY DROP DISTANCES (WHERE INDICATED) W/ ARCHITECTURAL DWGS
- D1 — METAL DECK CONSTRUCTION MARK - ARROWS DENOTE DECK SPAN DIRECTION - SEE SCHEDULE **1 / S0.41**.
- c=X" — CAMBER AS INDICATED.
- SC D S5.03 — INDICATE USE OF SLIP CRITICAL BOLTS FOR CONNECTION.
- BEAM STIFFENER SHEAR PLATE CONN MARK - SEE **1 / S0.31**
- LO HI — INDICATES DIAGONAL ANGLE BRACE
- DRAG BEAM CONNECTION MARK - SEE **1 / S0.33**
- DRAG BEAM TO COLUMN CONNECTION MARK - SEE **5 / S0.33**
- BEAM TO COLUMN NON-FRAME MOMENT CONNECTION MARK - SEE **2 / S0.33** - CANTILEVER BEAM SIZE (IF NOT SHOWN) TO MATCH BACKSPAN BEAM SIZE UNO.
- BEAM TO BEAM NON-FRAME MOMENT CONNECTION MARK - SEE **3 / S0.33** - CANTILEVER BEAM SIZE (IF NOT SHOWN) TO MATCH BACKSPAN BEAM SIZE UNO.
- BEAM TO BEAM CONNECTION - SEE **4 / S0.33** W/ SLIP-CRITICAL BOLTS (A325-SC)
- CB36x84 — INDICATES CASTELLATED STEEL BEAM (Fy=50 KSI) - SEE **4 / S0.32** FOR CUTOUT SHAPE & DIMENSIONS.
- INDICATES OPENING IN FRAMING - SEE DETAIL **9 / S0.72** & **4 / S0.78**, UNO.
- INDICATES RAISED OR DEPRESSED SLAB, COORDINATE W/ ARCH MECH/ELECT DWGS/ARCH
- INDICATES EXTENT OF METAL DECK AT EXTERIOR CANOPY, SEE PLAN FOR DETAILS.
- INDICATES BEARING AND/OR SHEAR WALL BELOW.
- HDR — INDICATES HEADER PER SCHEDULE SEE DETAIL **1 / S0.71**
- CMST — INDICATES SIMPSON CMST STRAP, UNO (T) INDICATES STRAP TO BE PLACED ON TOP OF SHEATHING (B) INDICATES STRAP TO BE PLACED ON BOTTOM OF MEMBER (S) INDICATES STRAP TO BE PLACED ON SIDE OF MEMBER
- XX / XX / XXX# — INDICATES MECHANICAL UNIT TYP - SEE "M" SERIES DRAWINGS; INDICATES MECHANICAL UNIT NUMBER; INDICATES MAXIMUM DESIGN WEIGHT
- INDICATES MECH UNITS. SEE TYPICAL MECHANICAL OPENING FRAMING LAYOUT ON **S0.91**. PROVIDE DOUBLE JOIST AT MECH UNIT UNO.
- 1 — INDICATES TOP PLATE SPLICE PER **7 / S0.71**
- USE 1 AT ALL SHEAR AND BEARING WALLS UNLESS NOTED OTHERWISE.
- INDICATES LVL LEDGER PER PLAN - SPLICE W/ (2) MSTI48 TYP, UNO PER **11 / S0.73**
- INDICATES SHEAR WALL MARK FOR PLYWOOD SHEAR WALL.
- A / HD / 12'-0" / 5 — INDICATES SHEAR WALL TYPE PER SCHEDULE **1 / S0.81**; INDICATES HOLDOWN TYPE EACH END OF SHEAR WALL . INDICATES SHEAR WALL DESIGN LENGTH; INDICATES MIN NUMBER OF ANCHOR BOLTS, SEE **1 / S0.81**
- INDICATES HOLDOWN LOCATION. FOR HOLDOWN SEE **1 / S0.82**
- OR POST HDU5 — INDICATES WOOD POST (HOLDOWN WHERE REQUIRED AT SPECIFIC LOCATION).
- INDICATES STEEL X- BRIDGING OR FULL HT BLOCKING PER **8 / S0.78**, TYP.
- VLC — VERSA-LAM 1.8 2650 COLUMN (SEE GENERAL NOTES ON **S0.04**)

KEY PLAN:



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1. ADDENDUM 01	09/26/2025	
INSPECTOR:						
DATE COMPLETED						

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HORIZ: As indicated	Designer	Author	Checker
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	RCE NO. S4892	EXPIRES 12/31/2026	

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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**S2.21A**
	SHEET OF

SANTEE COMMUNITY CENTER - 2ND FLOOR FRAMING PLAN - SEGMENT A

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PLAN NOTES:

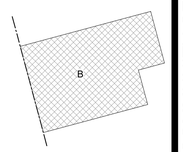
1. REFER TO **S2.21A** FOR TYPICAL FRAMING PLAN NOTES AND LEGEND.

TYPICAL:
15/32" APA RATED SHEATHING STRUCT I
(32/16) EXPOSURE I BLOCKED, TYP
BN = 10d @ 2 1/2"
EN = 10d @ 2 1/2"
FN = 10d @ 12"
SEE 3 / S0.74

108'-3 5/8"
88'-4 3/8"
19'-11 1/4"
HSS BEAM PER ELEV **A** / **S5.05**
HSS12x6x1/2 (LOW)
2x8 LEDGER
2x8 @24" OC
12"x12" MAX ROOF DRAIN OPENING, SEE NOTE #15
LSTA15 (T)
MSTI36 (S)
4x8 BM
4x12
6x12 BM
DRAG BEAM
HUC612 HGR
4x BLKG CENTERED ABOUT STRAP
(2)-ROWS OF FULL-HT BLKG PER **8** / **S0.78**
EQ 6'-9" EQ
11-7/8" Red-I45™ @24" OC
1'-0" TYP
TYP UNO
EF 1 58#
1-3/4"x11 7/8" LVL LEDGER
1 3/4"x12" LVL LEDGER
2x6 LEDGER
OPEN
SEE **S2.31B** FOR HIGH ROOF FRAMING PLAN
HSS6x6x3/8 POST UP
HSS18x6x1/2
HSS12x8x3/8
L6x3x1/4, TYP AT MTL DECK EDGE
HSS8x8x1/4
PRE-MANUF LOUVERS BY OTHERS, SAD FOR LOCATIONS
HSS12x8x3/8
OMF-2
TAPERED WT8x15.5 TYP
7'-9 5/8"
9'-0 7/8"
31'-5 1/2"
72'-4 3/4"
24'-0 3/4"
17'-1"

1 S2.21B LOW ROOF FRAMING PLAN - SEGMENT B
3/16" = 1'-0"

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S2.21B**
SHEET OF

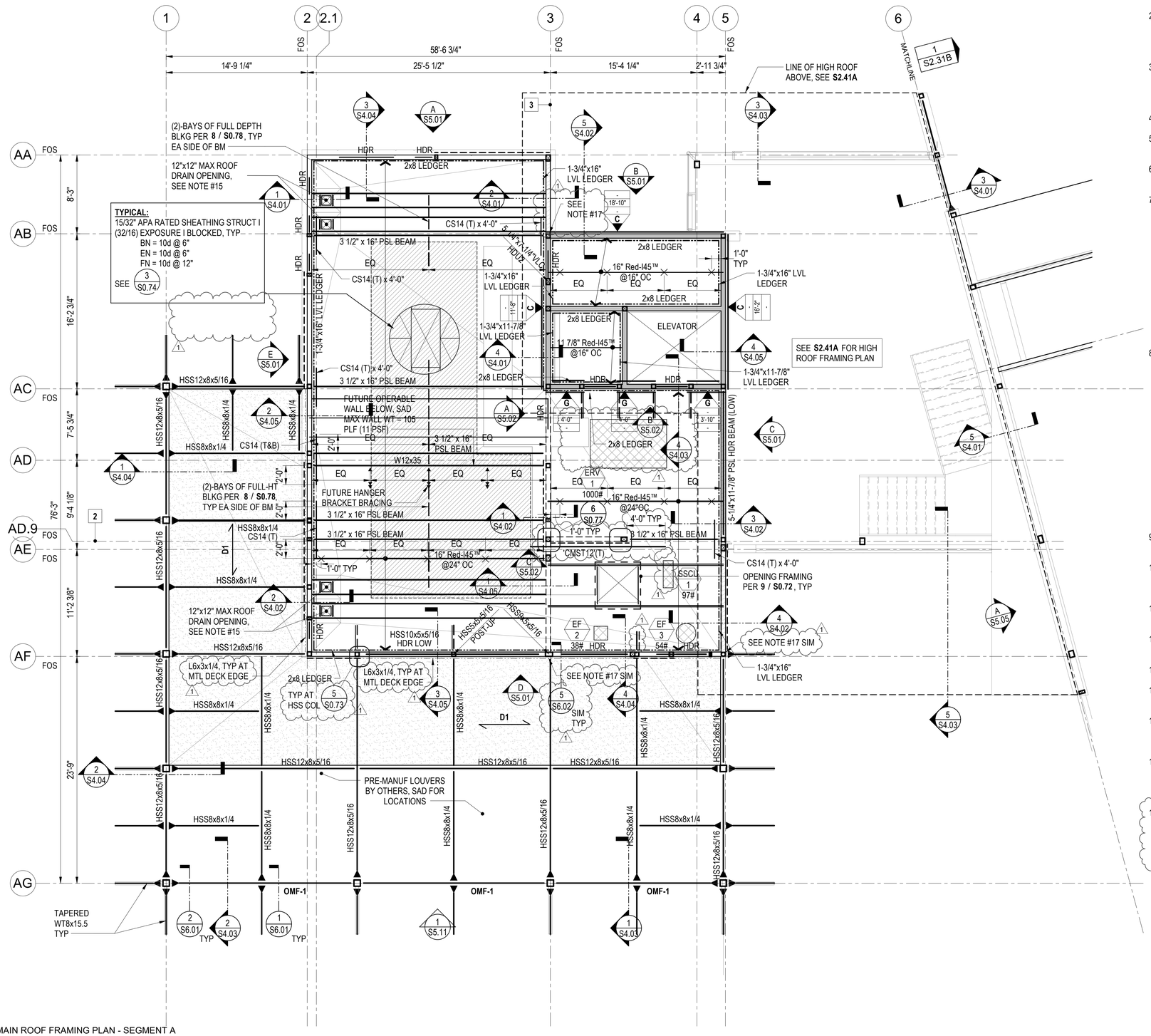
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ADDENDUM 1

SANTEE COMMUNITY CENTER - LOW ROOF FRAMING PLAN - SEGMENT B

Please Recycle

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 S2.31A MAIN ROOF FRAMING PLAN - SEGMENT A
3/16" = 1'-0"

ROOF FRAMING NOTES

1. FOR GENERAL NOTES SEE **S0.0X** SERIES SHEETS. FOR TYPICAL DETAILS SEE **S0.1X** THROUGH **S0.9X** SERIES SHEETS.
2. SEE ARCHITECTURAL DWGS FOR REMAINDER OF DIMENSIONS & ELEVATIONS NOT SHOWN ON STRUCT DWGS. VERIFY ALL DIMENSIONS & ELEVATION W/ ARCHITECTURAL DWGS PRIOR TO START WORK.
3. SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, DEPRESSIONS, SLOPES, OPENINGS, CURBS, DRAINS, ETC. AND FOR WALL OVERALL DIMENSIONS, LOCATION OF OPENINGS, ETC. NOT INDICATED ON STRUCTURAL DRAWINGS.
4. SPACE BEAMS EQUALLY BETWEEN COLUMNS & GIRDERS UNO.
5. ALL STEEL EXPOSED TO WEATHER SHALL BE GALVANIZED PER STRUCTURAL STEEL GENERAL NOTE #8 ON **S0.01**.
6. FOR ALL EXPOSED STEEL AND CONNECTIONS, REFER TO ARCHITECTURAL DRAWINGS FOR AESS CLASSIFICATION.
7. PROVIDE SHEAR WALL SHEATHING WITH "TYPE A" NAILING AT THE FOLLOWING CONDITIONS:
   A. ALL EXTERIOR WALLS NOT DESIGNATED AS SHEAR WALL PER PLAN; WHERE AN EXTERIOR WALL IS DESIGNATED AS SHEAR WALL FOR ONLY A PORTION OF THE WALL LENGTH, ADDITIONAL "TYPE A" SHEAR WALL SHEATHING IS REQUIRED ON THE REMAINDER OF THE WALL, INCLUDING ABOVE AND BELOW OPENING, PARAPETS, ETC.
   B. ALL INTERIOR WALLS AS REQUIRED FOR ALIGNMENT OF WALL FINISHES; ADDITIONAL SHEAR WALL SHEATHING ONLY REQUIRED ON THE SIDES OF THE WALLS WHERE REQUIRED SHEAR WALL SHEATHING OCCURS.
8. TYPICAL WOOD STUDS SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE ON PLAN

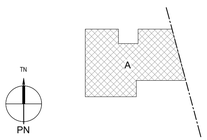
SHEAR WALL:	2x6 @ 16" AT ALL EXTERIOR WALL, UNO 2x6 @ 16" AT INTERIOR WALL UNO
EXTERIOR WALL:	2x6 @ 16" UNO
INTERIOR BEARING WALL:	2x6 @ 16" AND LARGER AS INDICATED BY ARCH
INTERIOR NON-BEARING WALL:	2x4 @ 16" FOR HEIGHTS UP TO 10' OR 2x6 @ 16" AND LARGER AS INDICATED BY ARCH. 2x8 VERSA-STUD 1.8E 2400 @ 16" FOR HEIGHTS > 17'-0".

9. HOLDOWN CONNECTORS SHALL BE TIGHTENED JUST PRIOR TO COVERING THE WALL FRAMING.
10. DIAPHRAGM NAILING TO BE INSPECTED BEFORE COVERING, FACE GRAIN OF PLYWOOD SHALL BE PERPENDICULAR TO SUPPORT.
11. ALL HARDWARE ARE BY "SIMPSON" TYPICAL OR APPROVED EQUAL.
12. ALL SAWN WOOD FRAMING EXPOSED TO WEATHER SHALL BE P.T.D.F.
13. ALL NAILS ARE COMMON NAILS, UNO.
14. REFER TO SHEETS **S2.51A** & **S2.51B** FOR OVERALL PV LAYOUT PLAN.
15. REFER TO DETAIL **4 / A10.41** & **7 / A10.41** FOR ROOF DRAIN DETAILS. 12"x12" MAX OPENING ALLOWED AT EA DRAIN. PROVIDE ROOF JOIST PER PLAN ALL-AROUND OPENING W/ EN.
16. SEE PLAN FOR ZONE OF FUTURE PHOTOVOLTAIC PANELS AND FRAMING (TOTAL WT = 6 PSF MAX). NO DIRECT ATTACHMENT TO PLYWOOD SHEATHING, ONLY TO FRAMING. DISTANCE FROM PANELS TO ROOFING 24" MAX.
17. FOR PSL BM TO HSS COL, PROVIDE 'MSTI48' (T) PER **5 / S0.73**. FOR HSS COL TO SHEAR WALL, PROVIDE 'MSTI36' (S) ES WELDED TO HSS COL W/ 1/16" FILLET WELD ES TYP & NAILED TO 3x BLK'G IN SW. PROVIDE STEEL SHIM PL ES OF HSS COL AS REQ'D FOR STRAP WELDED CONNECTION.

FRAMING LEGEND

- EL X'-X" — TOP OF STRUCT SLAB ELEVATION OTHER THAN DATUM - VERIFY W/ ARCHITECTURAL DRAWINGS.
- HSS POST UP — NON-FRAME STEEL COLUMN MARK FOR COLUMN OCCURRING ABOVE - SEE **5 / S0.31**, UNO.
- CHANGE IN TOP OF STRUCT SLAB ELEVATION - VERIFY DROP DISTANCES (WHERE INDICATED) W/ ARCHITECTURAL DWGS
- D1 — METAL DECK CONSTRUCTION MARK - ARROWS DENOTE DECK SPAN DIRECTION - SEE SCHEDULE **1 / S0.41**.
- c=X" — CAMBER AS INDICATED.
- SC — INDICATE USE OF SLIP CRITICAL BOLTS FOR CONNECTION.
- BEAM STIFFENER SHEAR PLATE CONN MARK - SEE **1 / S0.31**. PROVIDE SLIP-CRITICAL BOLTS (A325-SC), WHERE INDICATED AS "SC" ON PLAN.
- LO HI — INDICATES DIAGONAL ANGLE BRACE
- DRAG BEAM CONNECTION MARK - SEE **1 / S0.33**
- DRAG BEAM TO COLUMN CONNECTION MARK - SEE **5 / S0.33**
- BEAM TO COLUMN NON-FRAME MOMENT CONNECTION MARK - SEE **2 / S0.33** - CANTILEVER BEAM SIZE (IF NOT SHOWN) TO MATCH BACKSPAN BEAM SIZE UNO.
- BEAM TO BEAM NON-FRAME MOMENT CONNECTION MARK - SEE **3 / S0.33** - CANTILEVER BEAM SIZE (IF NOT SHOWN) TO MATCH BACKSPAN BEAM SIZE UNO.
- BEAM TO BEAM CONNECTION - SEE **4 / S0.33** W/ SLIP-CRITICAL BOLTS (A325-SC)
- CB36x84 — INDICATES CASTELLATED STEEL BEAM (Fy=50 KSI) - SEE **4 / S0.32** FOR CUTOUT SHAPE & DIMENSIONS.
- INDICATES OPEING IN FRAMING - SEE DETAIL **9 / S0.72** & **4 / S0.78**, UNO.
- INDICATES RAISED OR DEPRESSED SLAB, COORDINATE W/ ARCH MECH/ELECT DWGS/ARCH
- INDICATES EXTENT OF METAL DECK AT EXTERIOR CANOPY, SEE PLAN FOR DETAILS.
- INDICATES BEARING AND/OR SHEAR WALL BELOW.
- HDR — INDICATES HEADER PER SCHEDULE SEE DETAIL **1 / S0.71**
- CMST — INDICATES SIMPSON CMST STRAP FULLY NAILED, UNO (T) INDICATES STRAP TO BE PLACED ON TOP OF SHEATHING (B) INDICATES STRAP TO BE PLACED ON BOTTOM OF MEMBER (S) INDICATES STRAP TO BE PLACED ON SIDE OF MEMBER
- XX — INDICATES MECHANICAL UNIT TYP - SEE "M" SERIES DRAWINGS
- XX / XXX# — INDICATES MECHANICAL UNIT NUMBER; INDICATES MAXIMUM DESIGN WEIGHT
- INDICATES MECH UNITS. SEE TYP DTLS FOR PLATFORM & OPENING FRAMING LAYOUT ON **S0.91**. PROVIDE DOUBLE JOIST AT MECH UNIT UNO.
- 1 — INDICATES TOP PLATE SPLICE PER **7 / S0.71**
- USE 1 AT ALL SHEAR AND BEARING WALLS UNLESS NOTED OTHERWISE.
- INDICATES LVL LEDGER PER PLAN - SPLICE W/ (2) MSTI48 TYP, UNO PER **11 / S0.73**
- A — INDICATES SHEAR WALL MARK FOR PLYWOOD SHEAR WALL.
- A / HD / 12'-0" / 5 — INDICATES SHEAR WALL TYPE PER SCHEDULE **1 / S0.81**; INDICATES HOLDOWN TYPE EACH END OF SHEAR WALL .; INDICATES SHEAR WALL DESIGN LENGTH; INDICATES MIN NUMBER OF ANCHOR BOLTS, SEE **1 / S0.81**
- INDICATES HOLDOWN LOCATION. FOR HOLDOWN SEE **1 / S0.82**
- OR POST HDU5 — INDICATES WOOD POST (HOLDOWN WHERE REQUIRED AT SPECIFIC LOCATION).
- INDICATES STEEL X- BRIDGING OR FULL HT BLOCKING PER **8 / S0.78**, TYP.
- INDICATES FUTURE PV AREA, SEE PLAN NOTE #16.

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

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ADDENDUM 1

SANTEE COMMUNITY CENTER - MAIN ROOF FRAMING PLAN - SEGMENT A

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS
CONTRACTOR:				1 ADDENDUM 01 09/26/2025
INSPECTOR:				
DATE COMPLETED				

BENCH MARK

SCALE
HORIZ: As indicated
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
Designer	Author	Checker

PLANS PREPARED UNDER THE SUPERVISION OF
ROBERT H. RANDALL, S.E. DATE 04/30/2025
RCE NO. S4892 EXPIRES 12/31/2026

REVIEWED
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S2.31A** SHEET OF

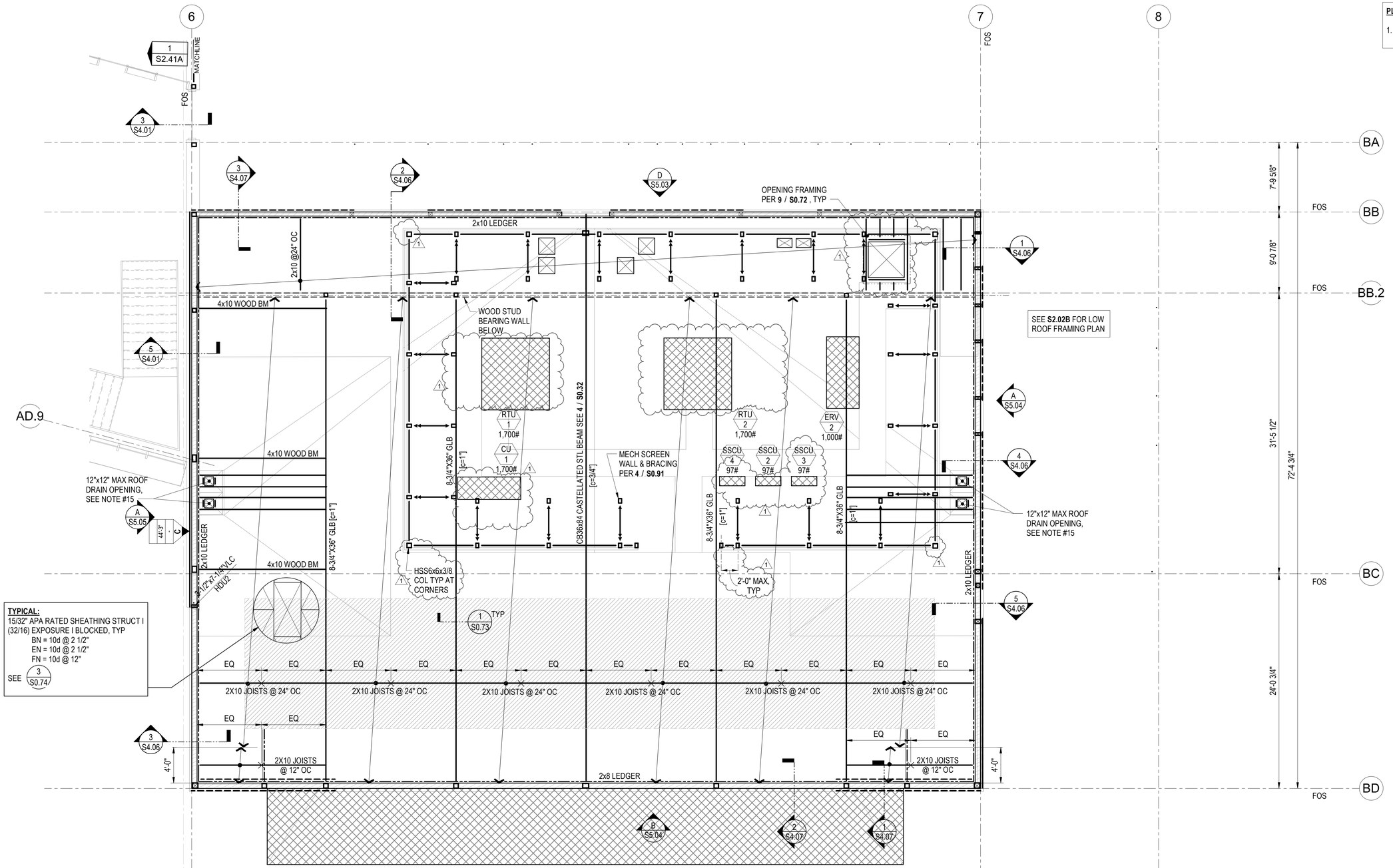
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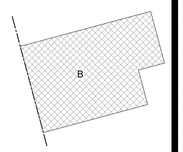
PLAN NOTES:

1. REFER TO **S2.31A** FOR TYPICAL ROOF FRAMING PLAN NOTES AND LEGEND.



1 S2.31B HIGH ROOF FRAMING PLAN - SEGMENT B
3/16" = 1'-0"

KEY PLAN:



PN

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED	CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR:				1 ADDENDUM 01 09/26/2025			HORIZ: 3/16" = 1'-0"	Designer	Author	Checker		IMPROVEMENT PLANS FOR:			
INSPECTOR:								PLANS PREPARED UNDER THE SUPERVISION OF			BY	SANTEE COMMUNITY CENTER		CIP 2018-31	S2.31B
DATE COMPLETED							VERT:	ROBERT H. RANDALL, S.E.		DATE 04/30/2025	PROJECT ENGINEER				SHEET OF
								RCE NO. S4892		EXPIRES 12/31/2026					

SANTEE COMMUNITY CENTER - MAIN ROOF FRAMING PLAN - SEGMENT B

ADDENDUM 1

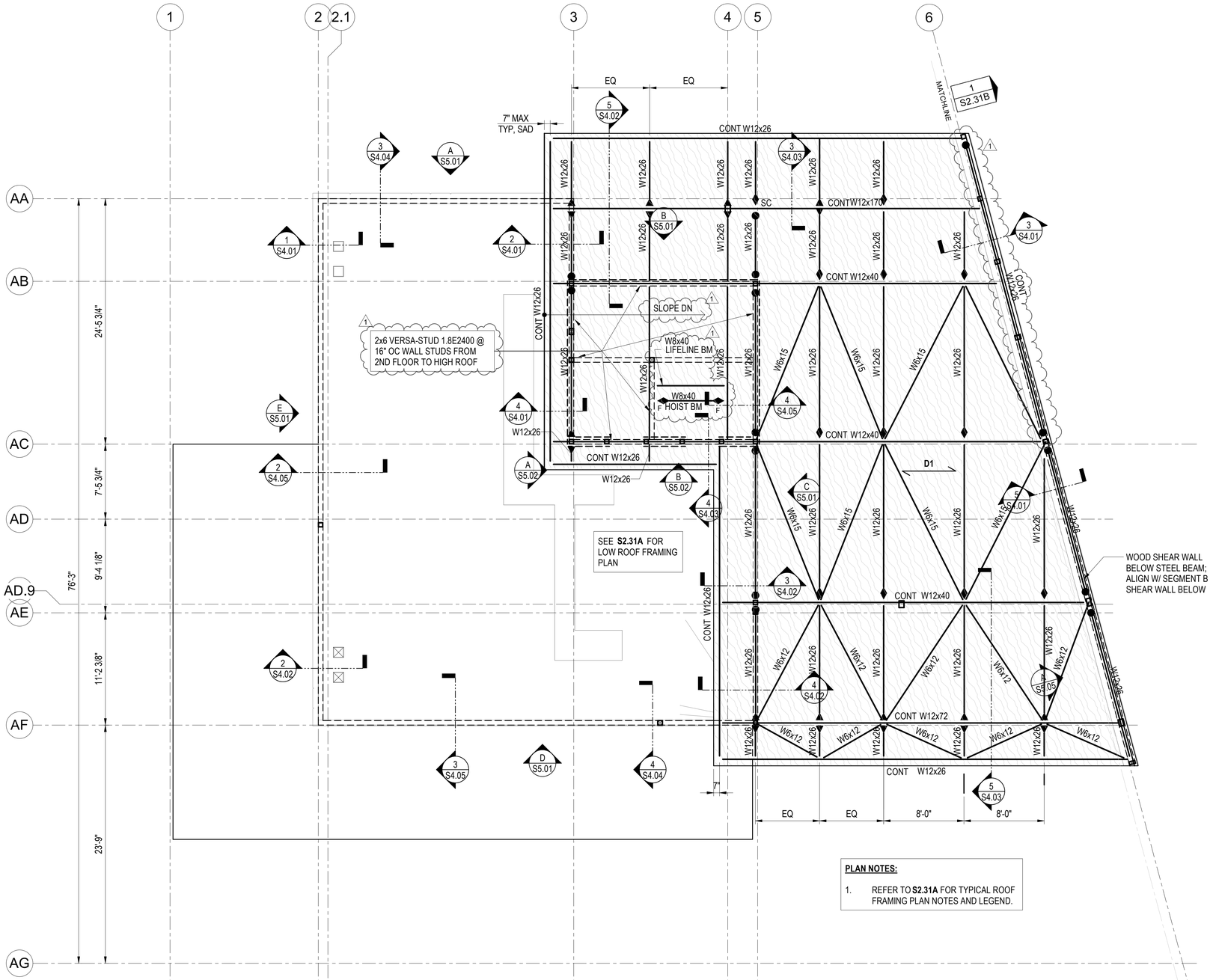
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ADDENDUM 1

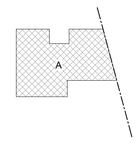


PLAN NOTES:

1. REFER TO **S2.31A** FOR TYPICAL ROOF FRAMING PLAN NOTES AND LEGEND.

1 S2.41A HIGH ROOF FRAMING PLAN - SEGMENT A
3/16" = 1'-0"

KEY PLAN:



TN
PN

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

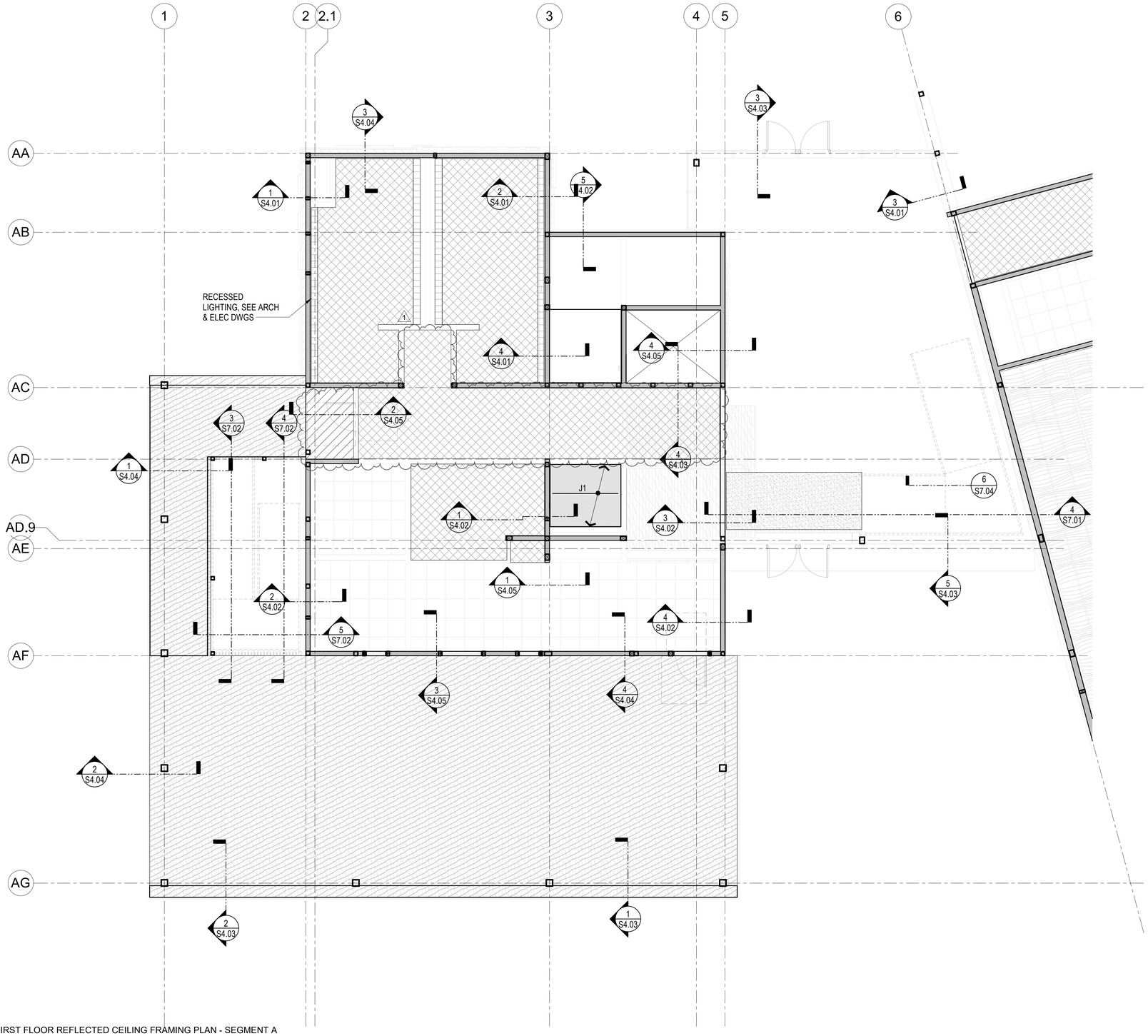
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CONTRACTOR:				1 ADDENDUM 01 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED
HORIZ: 3/16" = 1'-0"	Designer	Author	Checker	
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	ROBERT H. RANDALL, S.E.	DATE 04/30/2025		PROJECT ENGINEER
	RCE NO. S4892	EXPIRES 12/31/2026		

CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
IMPROVEMENT PLANS FOR:			
SANTEE COMMUNITY CENTER		CIP 2018-31	**S2.41A**
			SHEET OF

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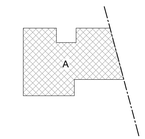


1 / S2.61A FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT A
3/16" = 1'-0"

CEILING FRAMING PLAN NOTES & LEGEND:

1. INDICATES AREA TO RECEIVE CEILING JOIST FRAMING. REFER TO TYPICAL FRAMING DETAILS & SCHEDULE ON **1 / S0.52**
2. INDICATES SPAN DIRECTION OF JOIST. JOIST, SEE NOTE #3.
3. "J" INDICATES LIGHT GAUGE METAL JOIST BASED ON SPAN TYPE PER SCHEDULE SEE **1 / S0.52**
4. INDICATES AREA TO RECEIVE INTERIOR SOFFIT FRAMING REFER TO TYPICAL CEILING DETAIL **1 / S0.52** . PROVIDE HANGER AS SPECIFIED.
5. INDICATES AREA TO RECEIVE EXTERIOR SOFFIT FRAMING PER **3 / S0.52** PROVIDE HANGER AS SPECIFIED.
6. INDICATES AREA TO RECEIVE SOFFIT FRAMING DIRECTLY ATTACHED TO STEEL BEAMS. REFER TO TYPICAL CEILING DETAIL **3 / S0.51** .
7. INDICATES AREA TO RECEIVE CEILING SUPPORT FRAMING UNDER EXTERIOR DECK PER **11 / S6.01** .
8. INDICATES RECESSED LIGHTING, SEE ARCH/ELEC DWGS FOR ATTACHMENT DETAILS.

KEY PLAN:



TN
PN

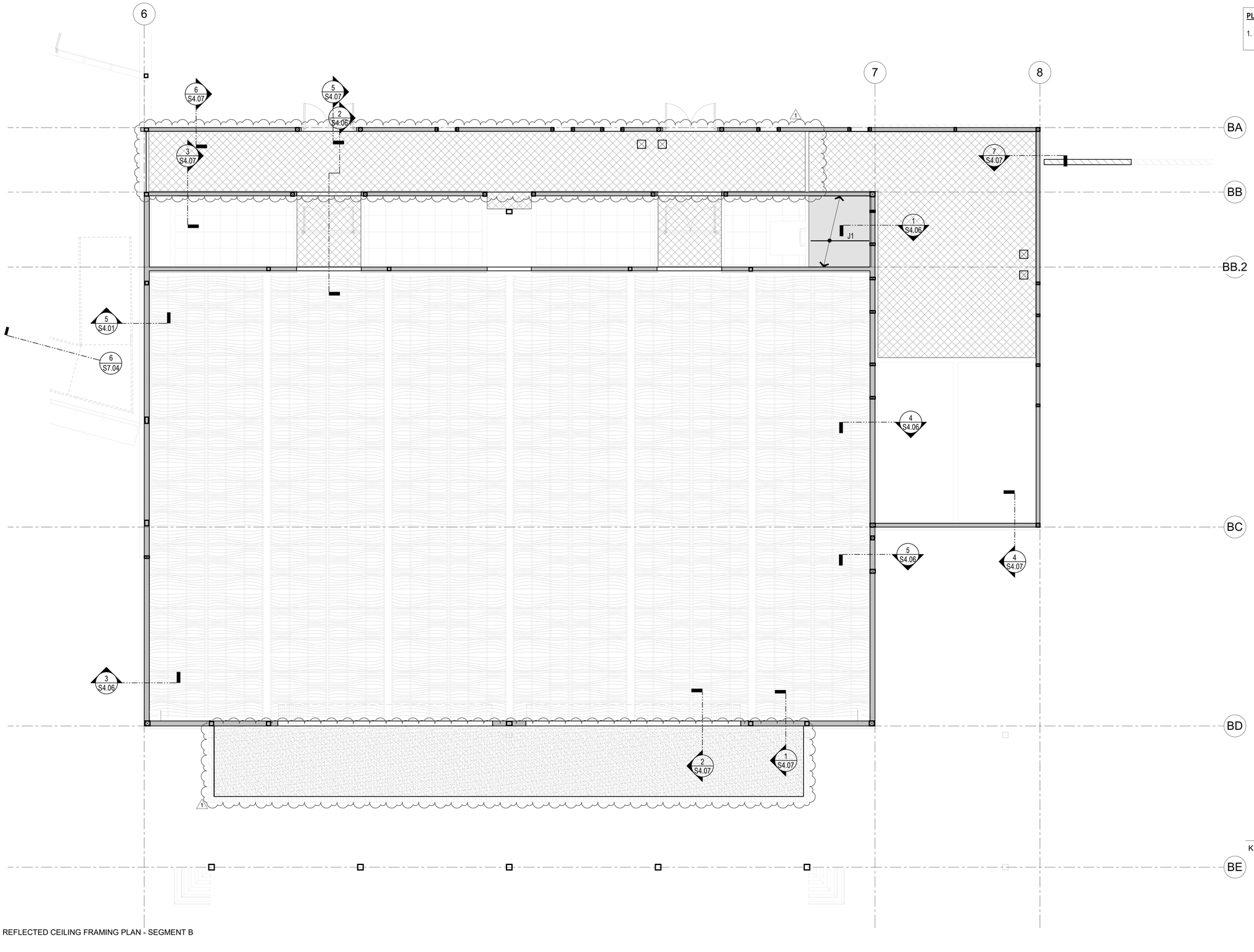
REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED	CITY OF SANTEE	DEPARTMENT OF DEVELOPMENT SERVICES	CITY W.O. NO.	DRAWING NO.
CONTRACTOR:				1 ADDENDUM 01 09/26/2025			HORIZ: As indicated	Designer	Author	Checker		IMPROVEMENT PLANS FOR:			
INSPECTOR:							VERT:	PLANS PREPARED UNDER THE SUPERVISION OF			BY	SANTEE COMMUNITY CENTER		CIP 2018-31	S2.61A
DATE COMPLETED								ROBERT H. RANDALL, S.E.	DATE 04/30/2025		PROJECT ENGINEER				SHEET OF
								RCE NO. S4892	EXPIRES 12/31/2026						

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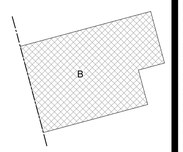


PLAN NOTES:

1. REFER TO **S2.61A** FOR TYPICAL CEILING FRAMING PLAN NOTES AND LEGEND.

1 / S2.61B FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT B
3/16" = 1'-0"

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

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SANTEE COMMUNITY CENTER - FIRST FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT B **ADDENDUM 1**

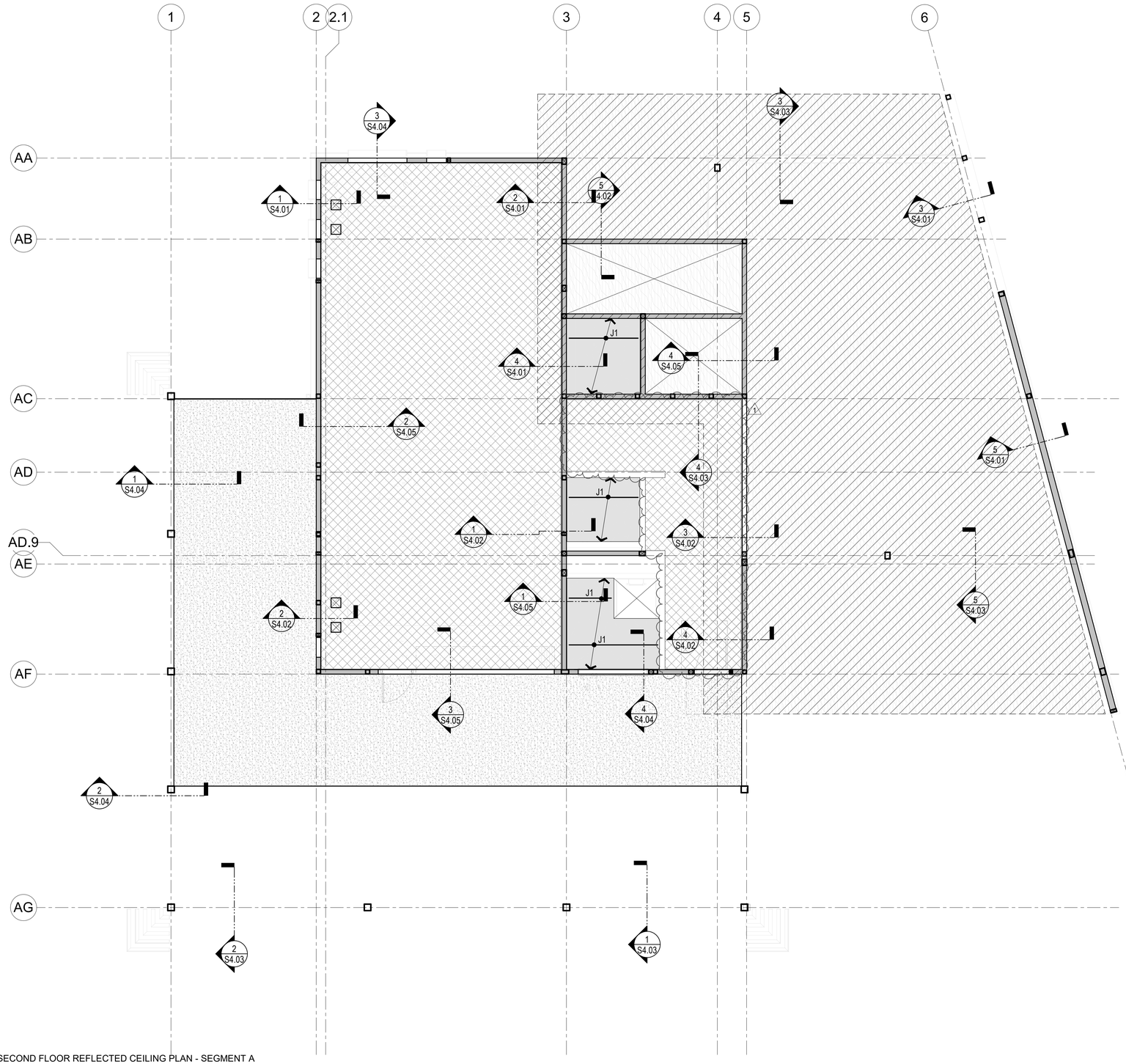
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DATE COMPLETED								ROBERT H. RANDALL, S.E.	DATE 04/30/2025		PROJECT ENGINEER				SHEET OF
								RCE NO. S4892	EXPIRES 12/31/2026						

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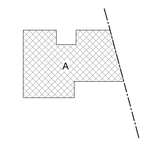
PLAN NOTES:

1. REFER TO **S2.61A** FOR TYPICAL CEILING FRAMING PLAN NOTES AND LEGEND.



1 / S2.62A SECOND FLOOR REFLECTED CEILING PLAN - SEGMENT A
3/16" = 1'-0"

KEY PLAN:



TN
PN

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 ADDENDUM 01 09/26/2025	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S2.62A**
SHEET OF

SANTEE COMMUNITY CENTER - SECOND FLOOR REFLECTED CEILING FRAMING PLAN - SEGMENT A **ADDENDUM 1**

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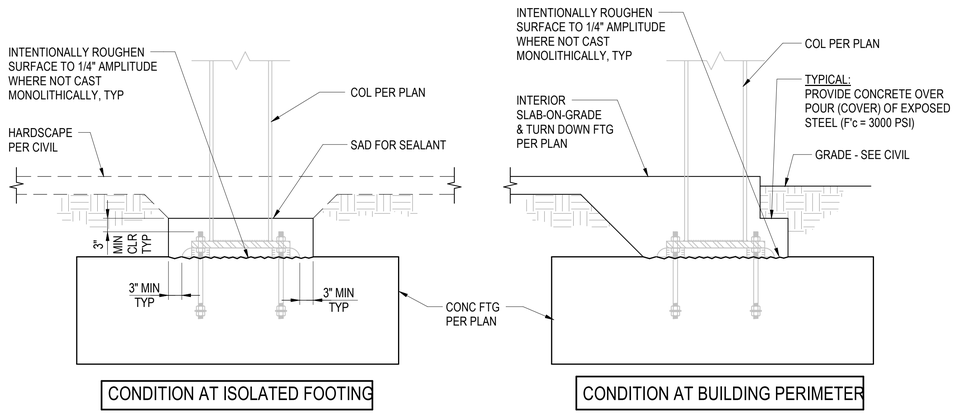
ADDENDUM 1

WALL FOOTING SCHEDULE

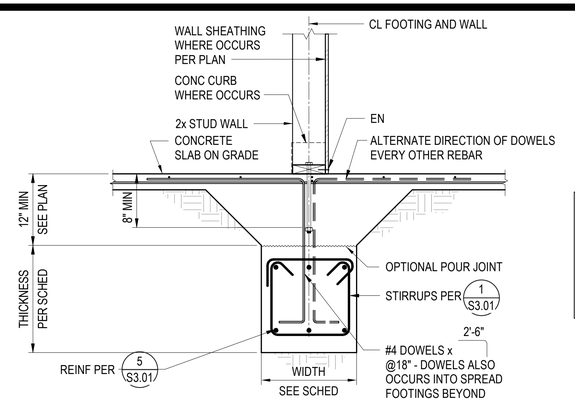
MARK	WIDTH	DEPTH	REINFORCING		REMARKS
			BOTTOM	TOP	
WF-1	1'-6"	2'-0"	(2)-#5	(2)-#5	REINF PER **1 / S3.01**@ EXT WALL REINF PER **3 / S3.01**@ INT WALL
WF-2	2'-6"	2'-0"	(3)-#6	(3)-#6	REINF PER **1 / S3.01**@ EXT WALL REINF PER **3 / S3.01**@ INT WALL
WF-3	3'-6"	2'-0"	(5)-#6	(5)-#6	REINF PER **1 / S3.01**@ EXT WALL REINF PER **3 / S3.01**@ INT WALL
WF-4	5'-0"	2'-0"	(8)-#7	(8)-#7	REINF PER **1 / S3.01**@ EXT WALL REINF PER **3 / S3.01**@ INT WALL

NOTES:
1. "ld"=STRAIGHT DEVELOPMENT LENGTH PER "TYPICAL STRAIGHT AND HOOKED DEVELOPMENT LENGTH SCHEDULE".
2. PROVIDE STANDARD HOOK WHERE A STRAIGHT BAR WITH "ld" CANNOT BE PROVIDED.

5 / S3.01 TYPICAL GRADE BEAM SCHEDULE
3/4" = 1'-0"

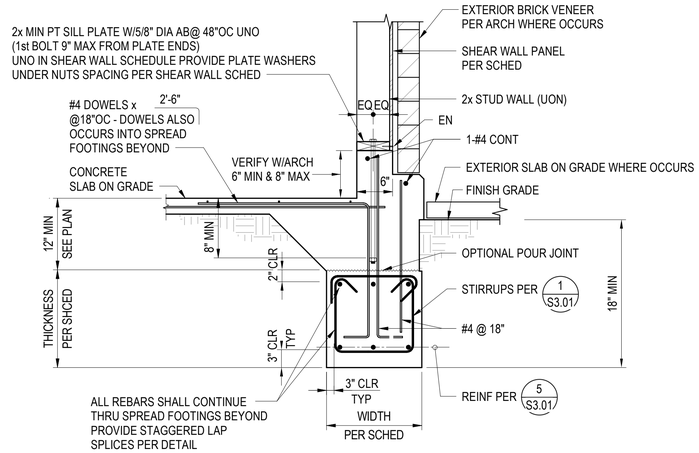


4 / S3.01 COLUMN BASE PLATE OVERPOUR PROTECTION AT EXTERIOR FOOTINGS
3/4" = 1'-0"



NOTES:
1. ALL STUDS, SILL PLATES, AND BLOCKING IN WALL TO BE 2x UNO ON SHEAR WALL SCHEDULE
2. FOR BALANCE OF INFORMATION, SEE DETAIL 2 / S3.01
3. WHERE HOLDOWN ANCHOR OCCURS THICKEN FOOTING AS REQUIRED TO ACCOMMODATE HOLDOWN ANCHOR BOLT, SEE 1 / S0.82

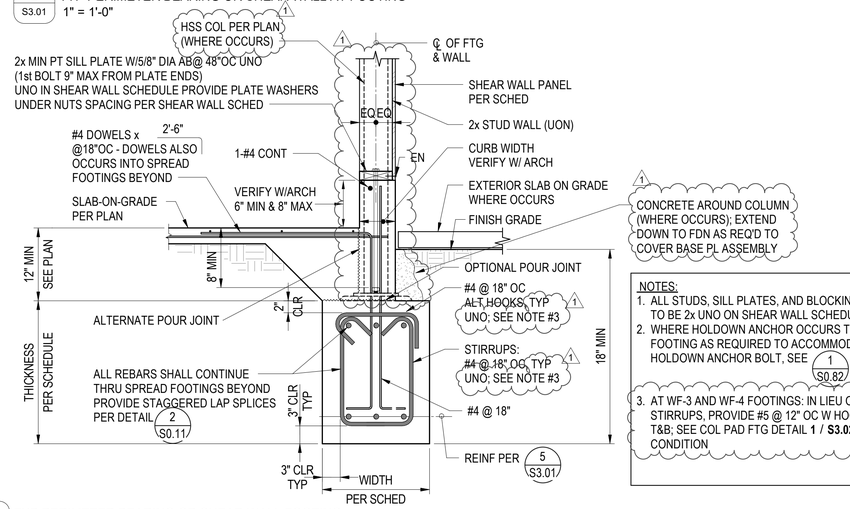
3 / S3.01 TYPICAL INTERIOR BEARING OR SHEAR WALL AT FOOTING
1" = 1'-0"



NOTES:
1. ALL STUDS, SILL PLATES, AND BLOCKING IN WALL TO BE 2x UNO ON SHEAR WALL SCHEDULE
2. WHERE HOLDOWN ANCHOR OCCURS THICKEN FOOTING AS REQUIRED TO ACCOMMODATE HOLDOWN ANCHOR BOLT, SEE 1 / S0.82

2 / S3.01 TYP PERIMETER BEARING OR SHEAR WALL AT FOOTING
1" = 1'-0"

WOOD-FNDN-0001



NOTES:
1. ALL STUDS, SILL PLATES, AND BLOCKING IN WALL TO BE 2x UNO ON SHEAR WALL SCHEDULE
2. WHERE HOLDOWN ANCHOR OCCURS THICKEN FOOTING AS REQUIRED TO ACCOMMODATE HOLDOWN ANCHOR BOLT, SEE 1 / S0.82
3. AT WF-3 AND WF-4 FOOTINGS: IN LIEU OF #4 STIRRUPS, PROVIDE #5 @ 12" OC W HOOKED ENDS; T&B; SEE COL PAD FTG DETAIL **1 / S3.02** FOR SIM CONDITION

1 / S3.01 TYP PERIMETER BEARING OR SHEAR WALL FOOTING
1" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	LR	JPR	LR
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

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CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S3.01** SHEET OF

SANTEE COMMUNITY CENTER - FOUNDATION SCHEDULE AND DETAILS

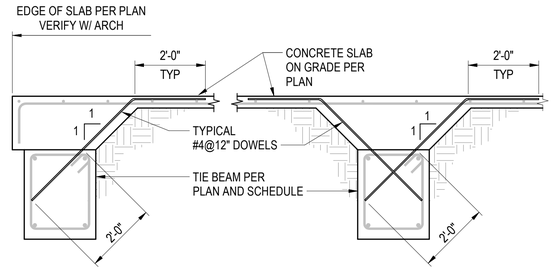
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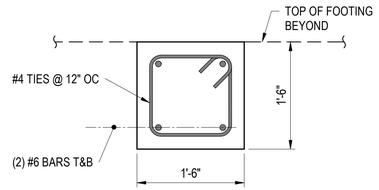
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ADDENDUM 1



5 / S3.02 TYPICAL SLAB ON GRADE TO TIE BEAM CONNECTION DETAIL
3/4" = 1'-0"

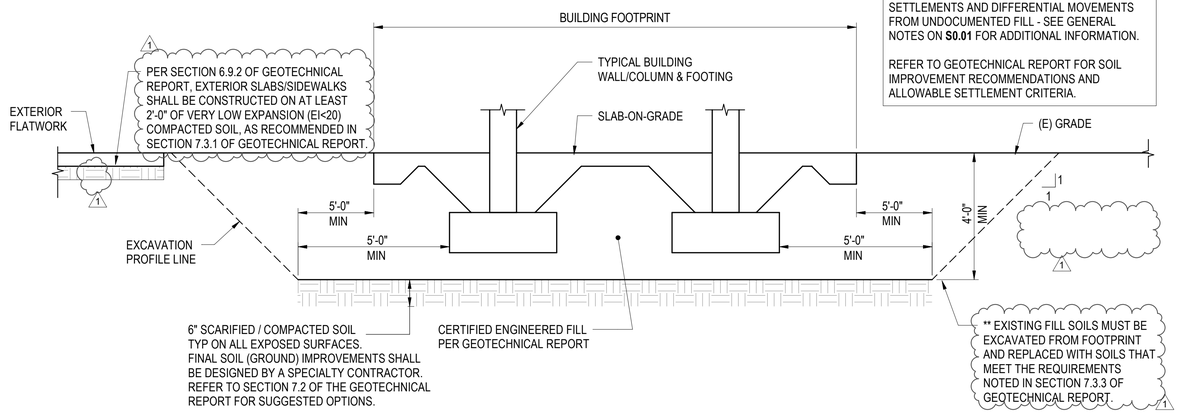
NOTES:
1. SEE **5** / **S3.02** FOR CONNECTION TO SLAB ABOVE, WHERE OCCURS.
2. ALL REBARS SHALL CONTINUE THRU SPREAD FOOTINGS BEYOND. PROVIDE STAGGERED LAP SPLICES PER DETAIL. 2 / S0.11



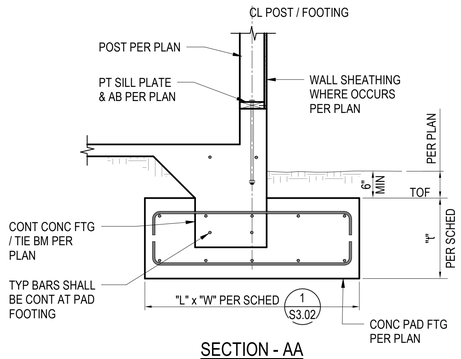
4 / S3.02 TYPICAL TIE BEAM
1" = 1'-0"

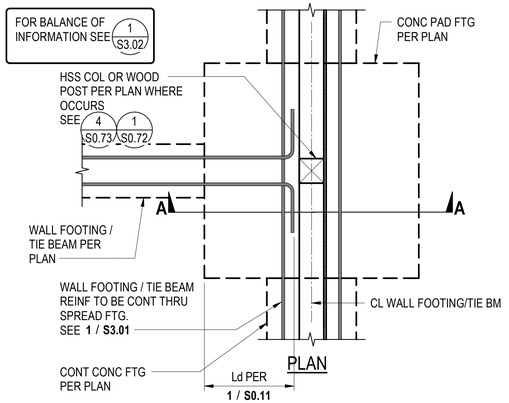
NOTE:
SOIL IMPROVEMENTS ARE REQUIRED TO MITIGATE THE POTENTIAL FOR LIQUIFACTION-INDUCED SETTLEMENTS AND DIFFERENTIAL MOVEMENTS FROM UNDOCUMENTED FILL - SEE GENERAL NOTES ON **S0.01** FOR ADDITIONAL INFORMATION.

REFER TO GEOTECHNICAL REPORT FOR SOIL IMPROVEMENT RECOMMENDATIONS AND ALLOWABLE SETTLEMENT CRITERIA.



3 / S3.02 TYPICAL EXCAVATION PROFILE
3/8" = 1'-0"





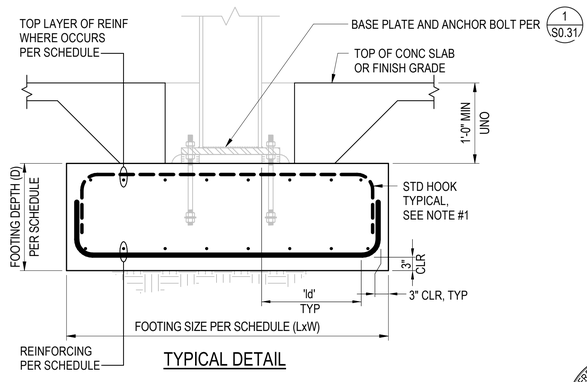
2 / S3.02 TYPICAL SPREAD FOOTING AT EXTERIOR CONTINUOUS FOOTING
3/4" = 1'-0"

SPREAD FOOTING SCHEDULE

MARK	DEPTH (D)	SIZE (LxW)	REINFORCING				REMARKS
			BOTTOM		TOP		
			SHORT	LONG	SHORT	LONG	
F1	24"	3'-0"x3'-0"	(5)-#6	(5)-#6	-	-	
F2	24"	4'-0"x4'-0"	(6)-#6	(6)-#6	-	-	
F3	24"	5'-0"x5'-0"	(7)-#6	(7)-#6	-	-	NOT USED
F4	24"	4'-6"x4'-6"	(6)-#6	(6)-#6	(6)-#6	(6)-#6	
F5	24"	6'-0"x6'-0"	(8)-#6	(8)-#6	(8)-#6	(8)-#6	

NOTES:

1. "ld"=STRAIGHT DEVELOPMENT LENGTH PER "TYPICAL STRAIGHT AND HOOKED DEVELOPMENT LENGTH SCHEDULE".
2. PROVIDE STANDARD HOOK WHERE A STRAIGHT BAR WITH "ld" CANNOT BE PROVIDED.



1 / S3.02 TYPICAL SPREAD FOOTING AND GRADE BEAM SCHEDULE AND DETAIL
3/4" = 1'-0"

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CITY W.O. NO. CIP 2018-31

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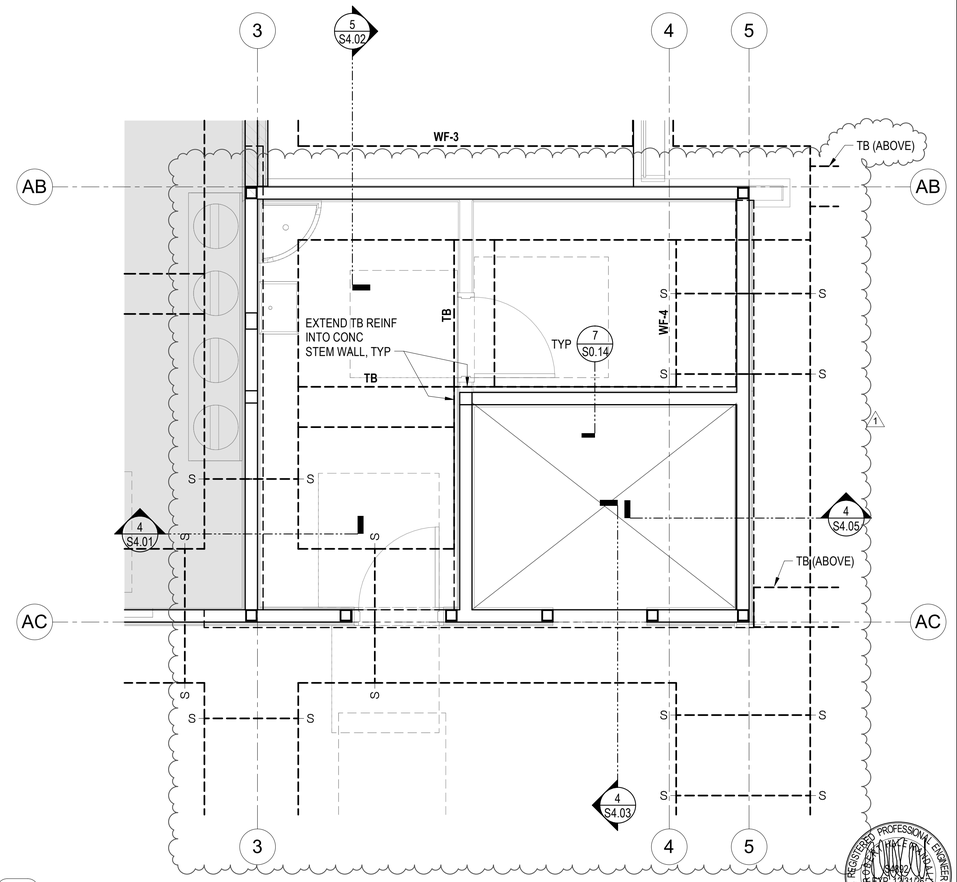
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ADDENDUM 1

SANTEE COMMUNITY CENTER - ENLARGED FOUNDATION PLAN AND SECTIONS



1 S3.03 ENLARGED FOUNDATION PLAN
3/8" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

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CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
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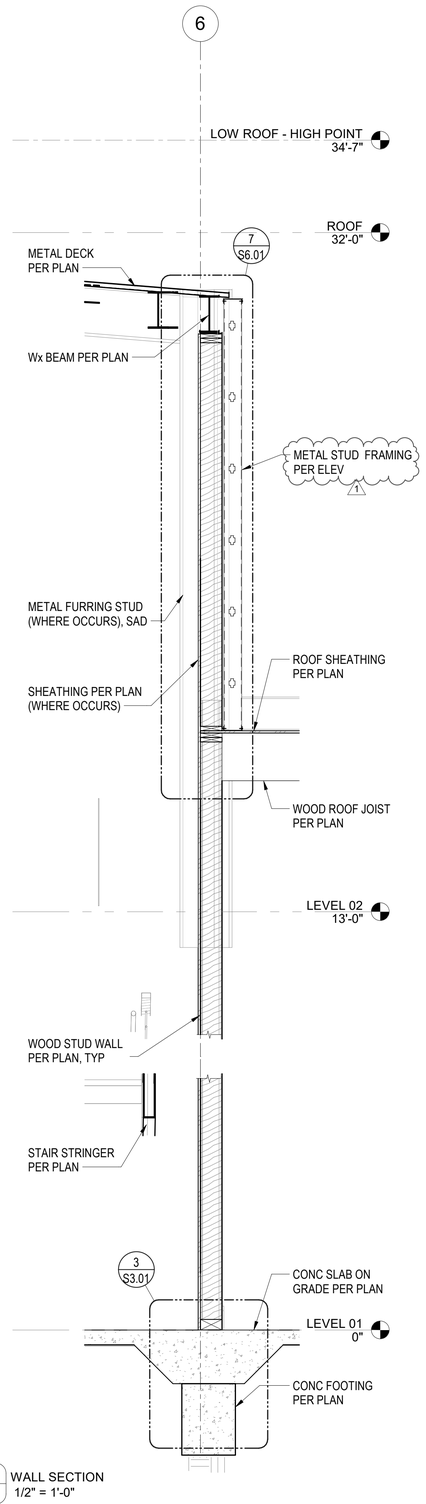
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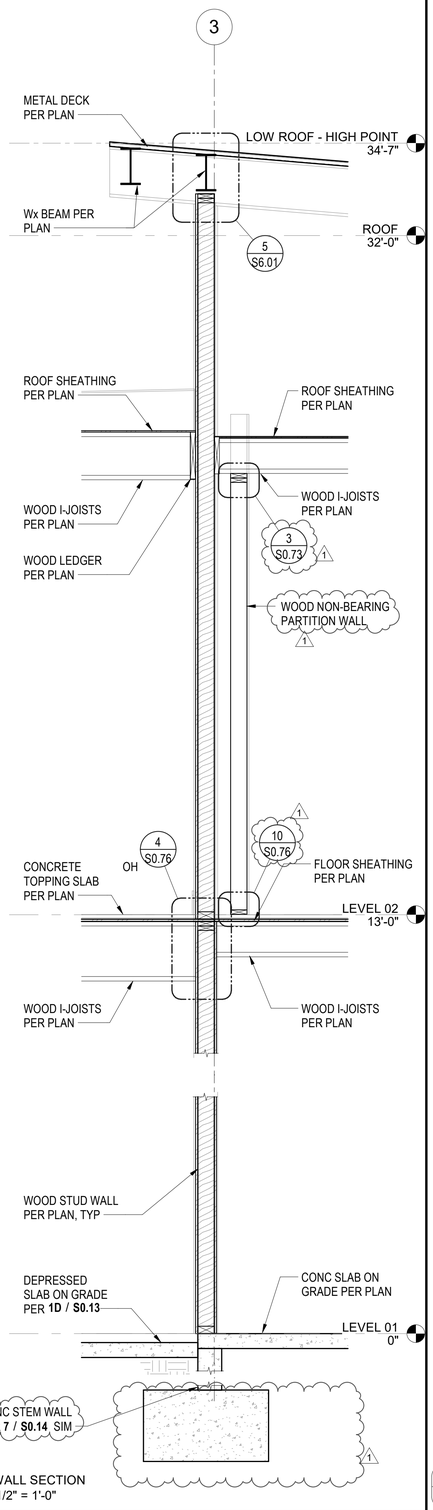
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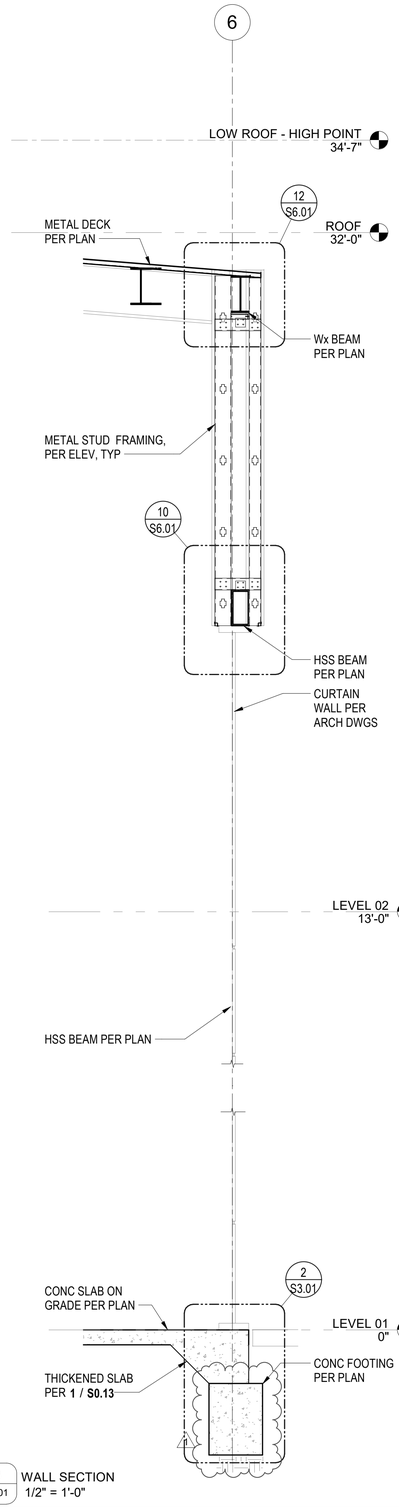
SANTEE COMMUNITY CENTER - WALL SECTIONS



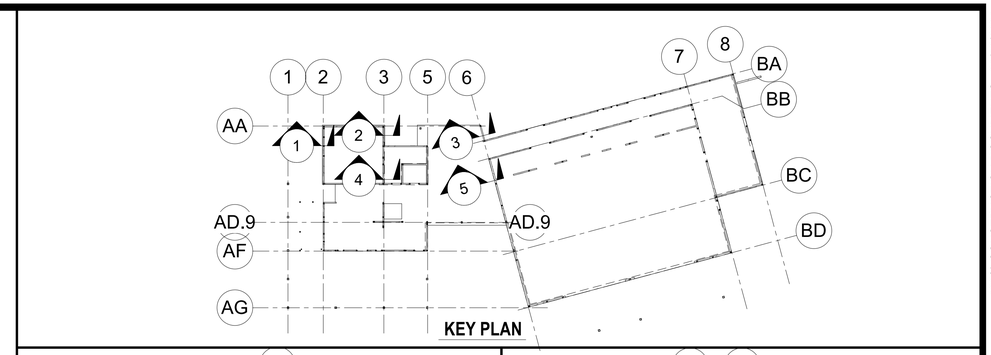
5 S4.01 WALL SECTION 1/2" = 1'-0"

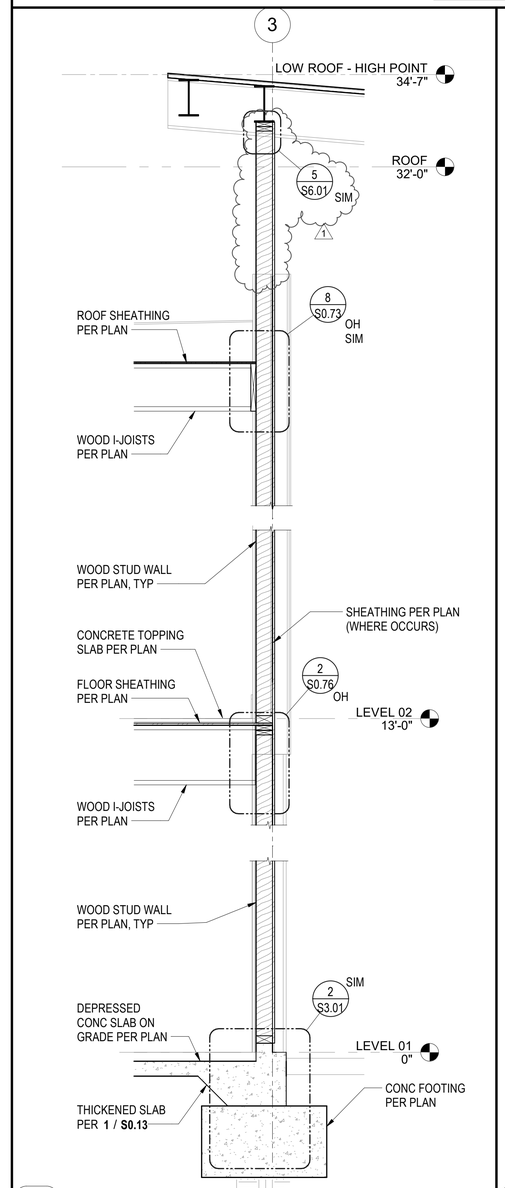


4 S4.01 WALL SECTION 1/2" = 1'-0"

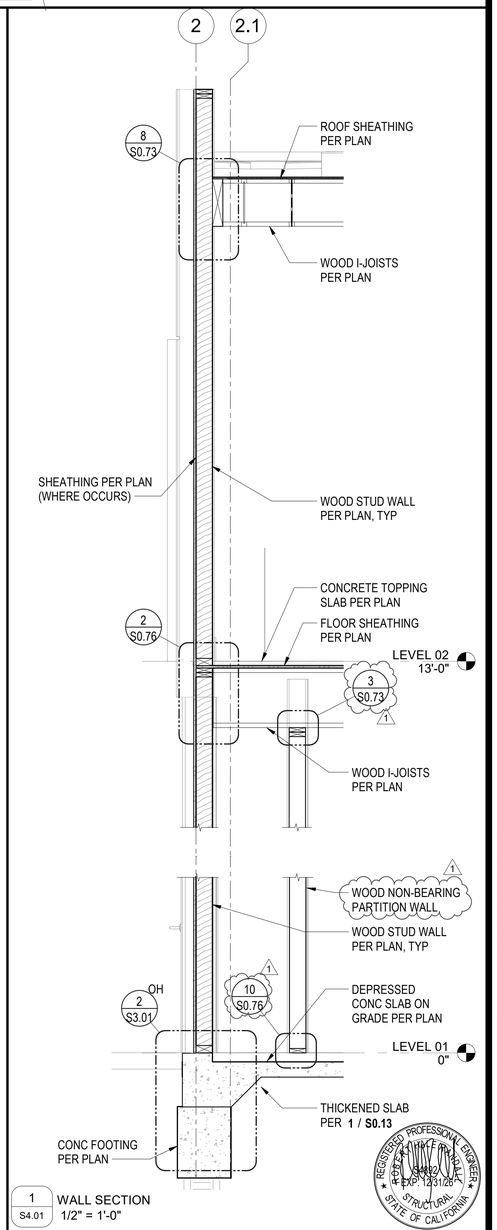


3 S4.01 WALL SECTION 1/2" = 1'-0"





2 S4.01 WALL SECTION 1/2" = 1'-0"



1 S4.01 WALL SECTION 1/2" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

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RCE NO. S4892 EXPIRES 12/31/2026

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CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
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SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

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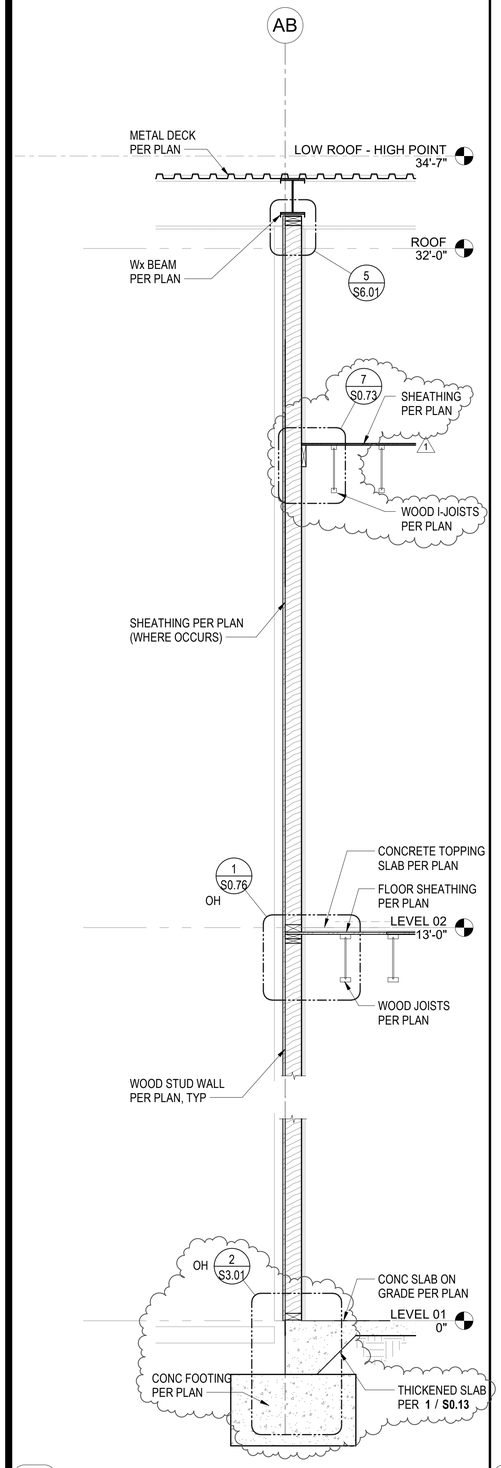
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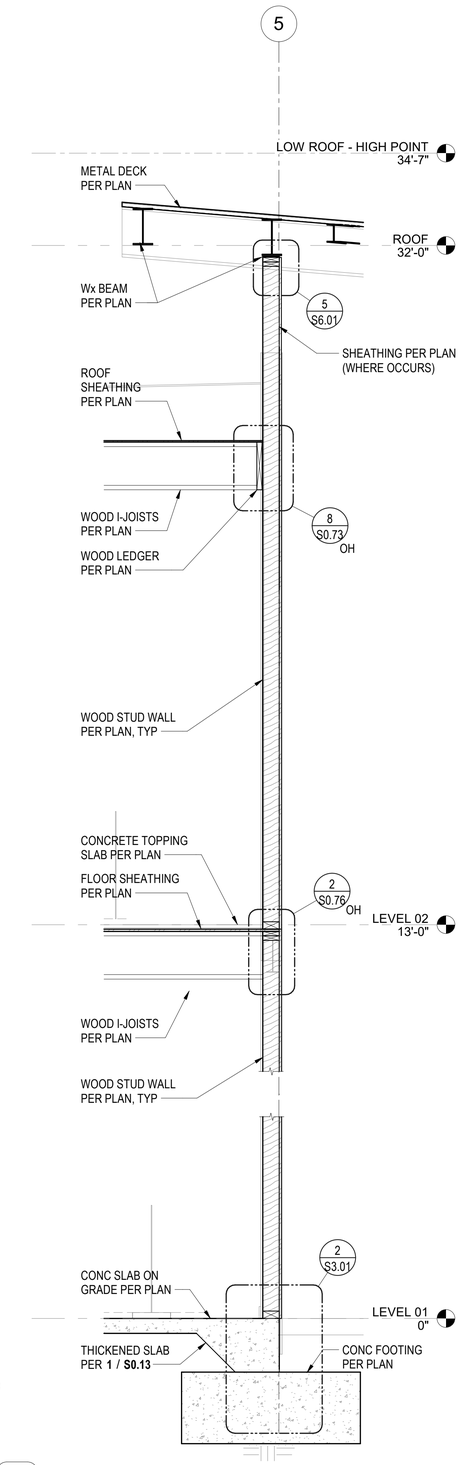
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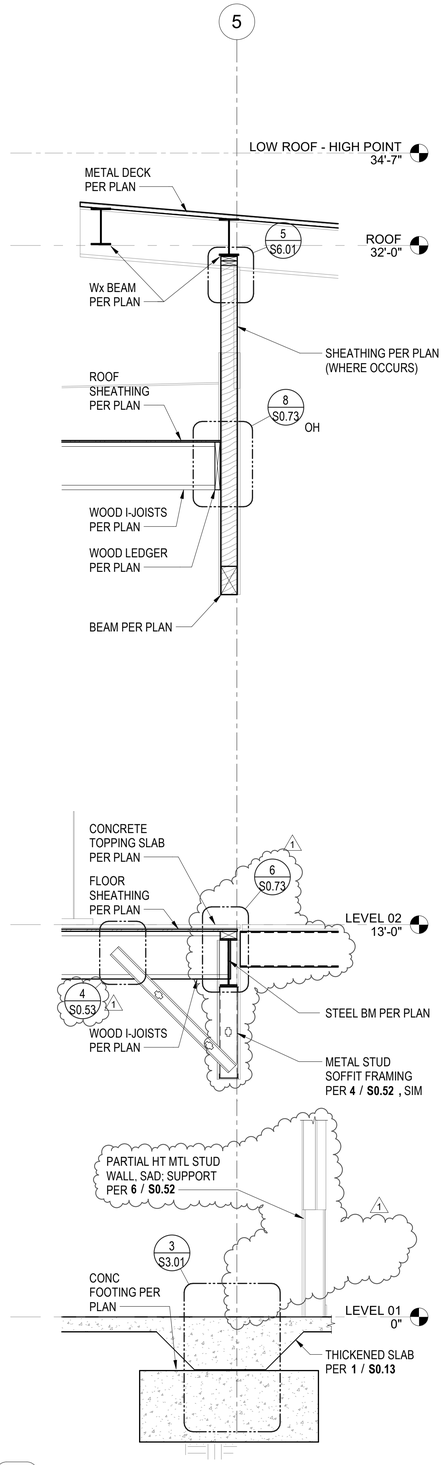
SANTEE COMMUNITY CENTER - WALL SECTIONS



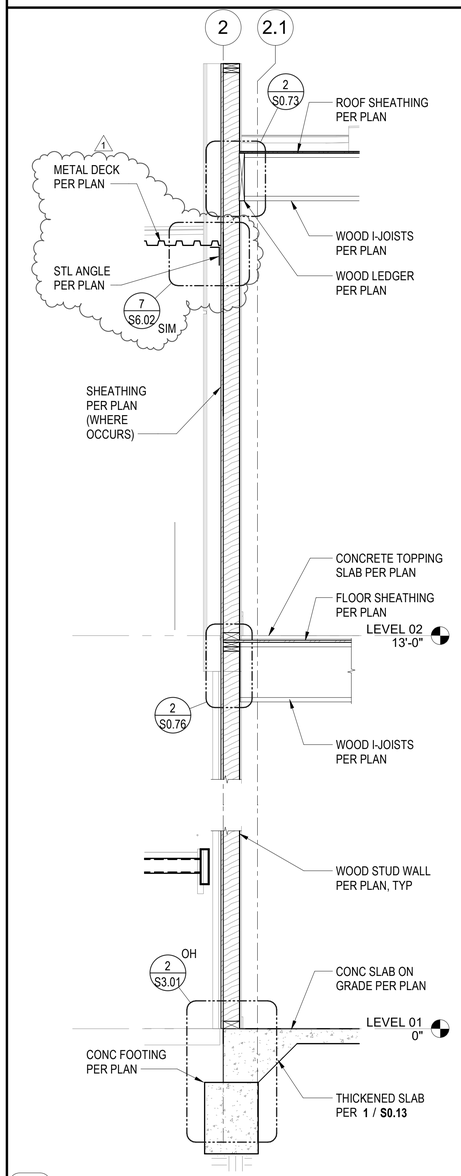
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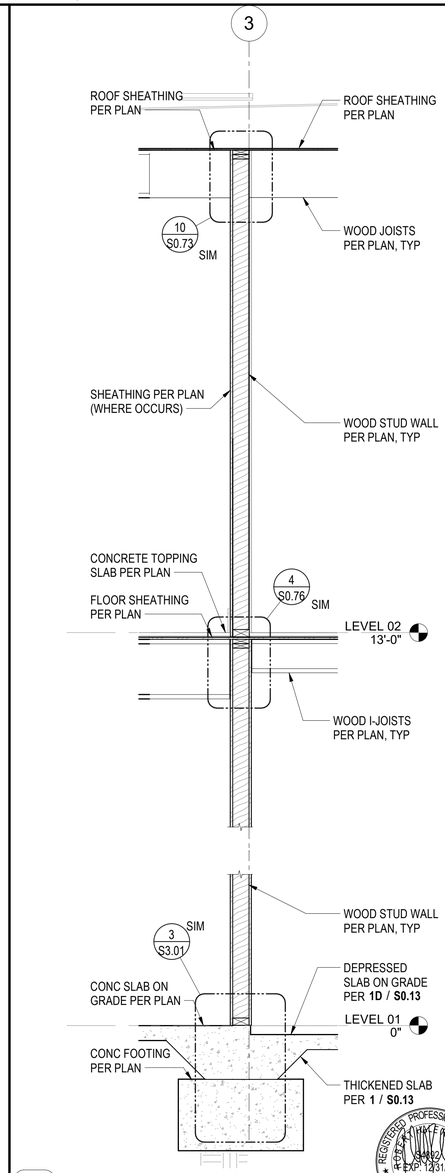
4 S4.02 WALL SECTION 1/2" = 1'-0"



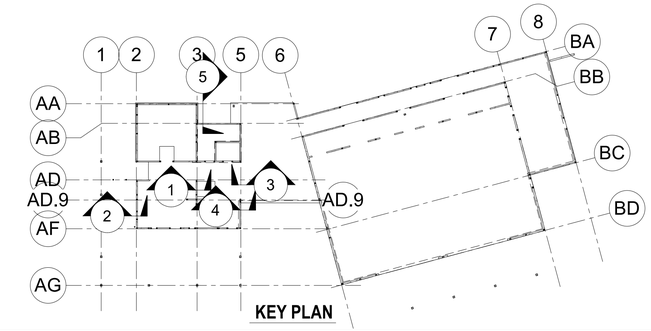
3 S4.02 WALL SECTION 1/2" = 1'-0"



2 S4.02 WALL SECTION 1/2" = 1'-0"



1 S4.02 WALL SECTION 1/2" = 1'-0"



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
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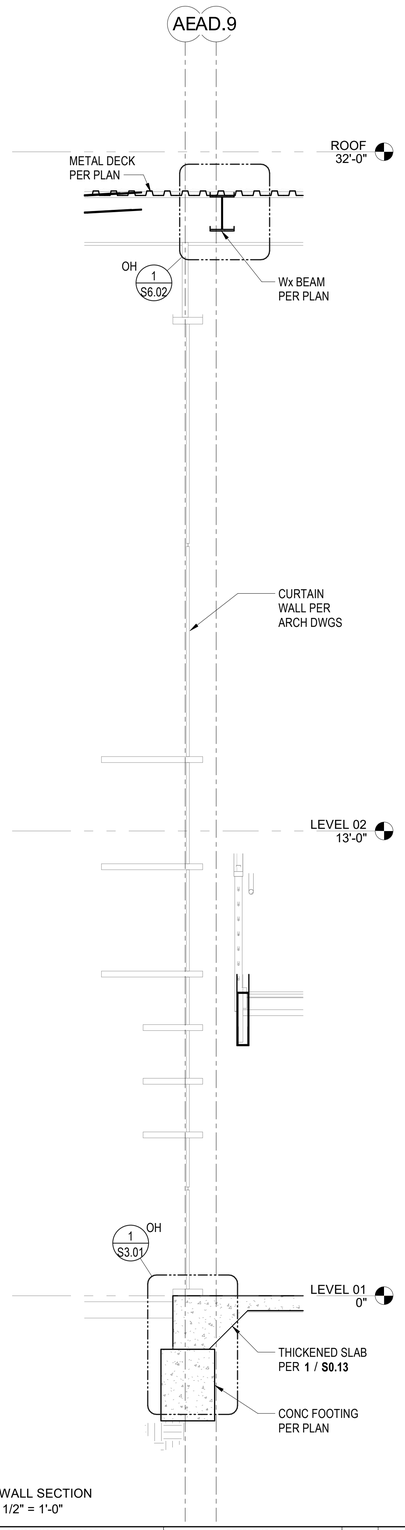
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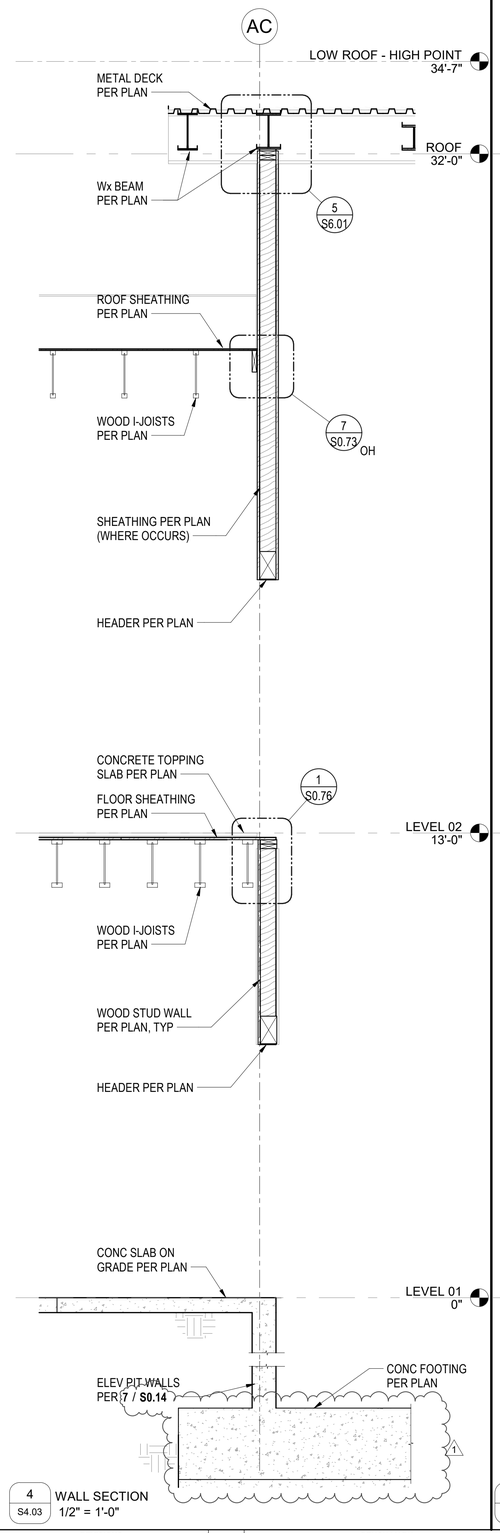
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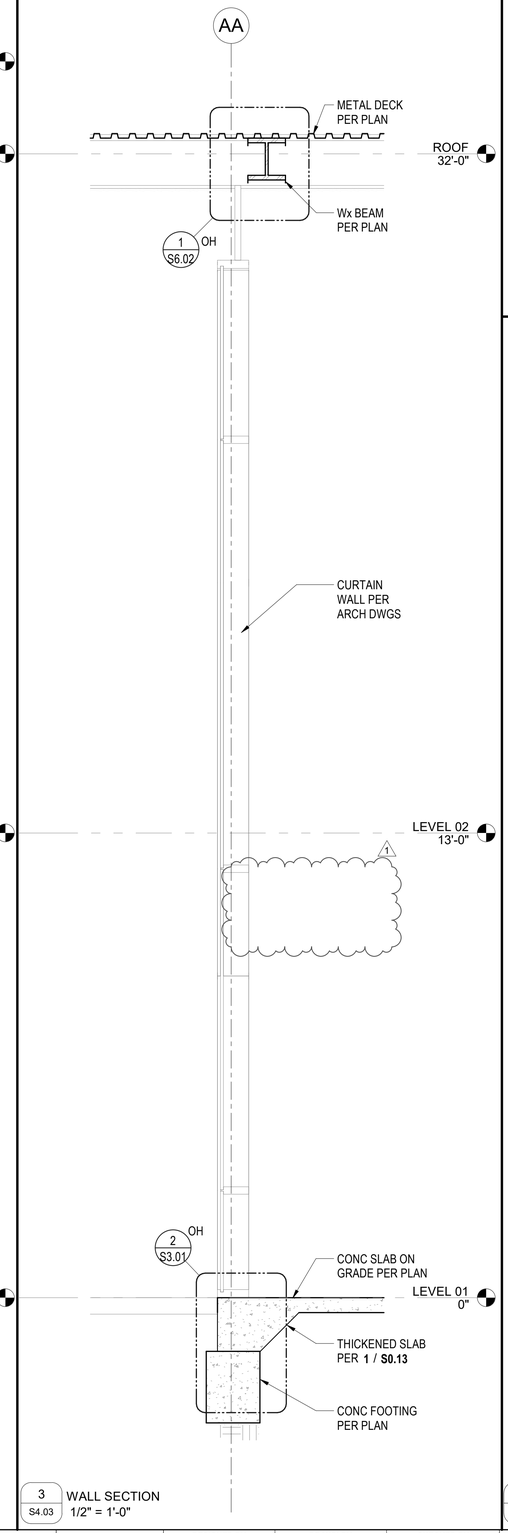
SANTEE COMMUNITY CENTER - WALL SECTIONS



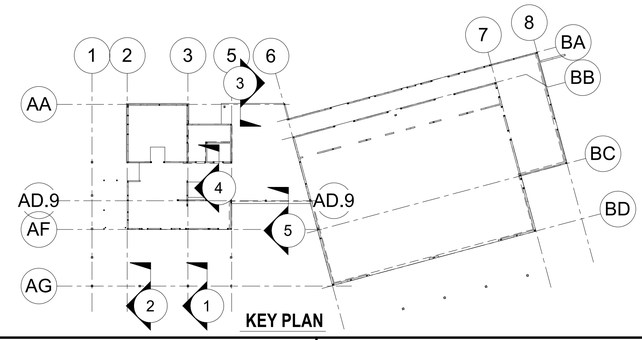
5 S4.03 WALL SECTION 1/2" = 1'-0"

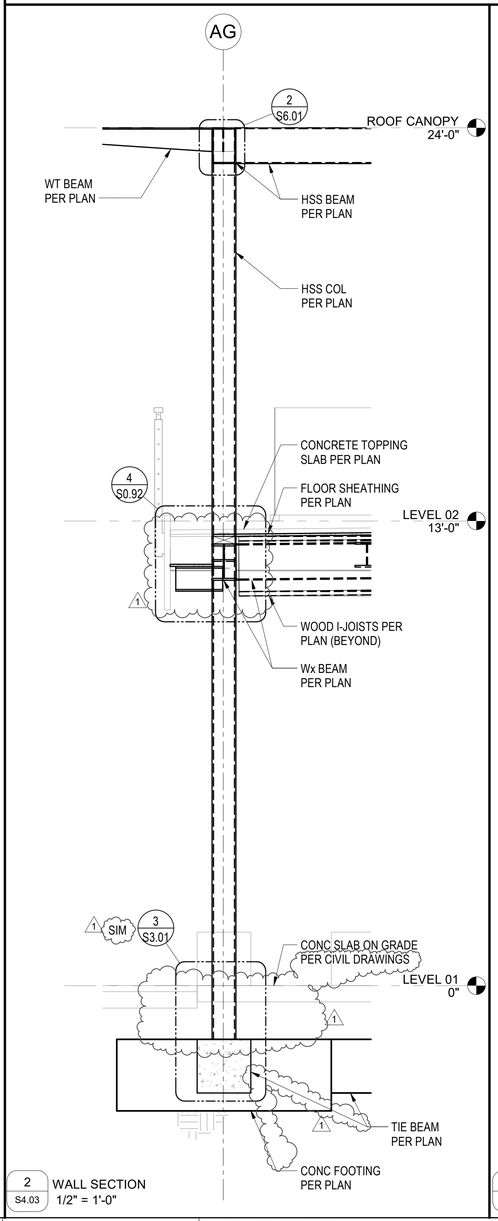


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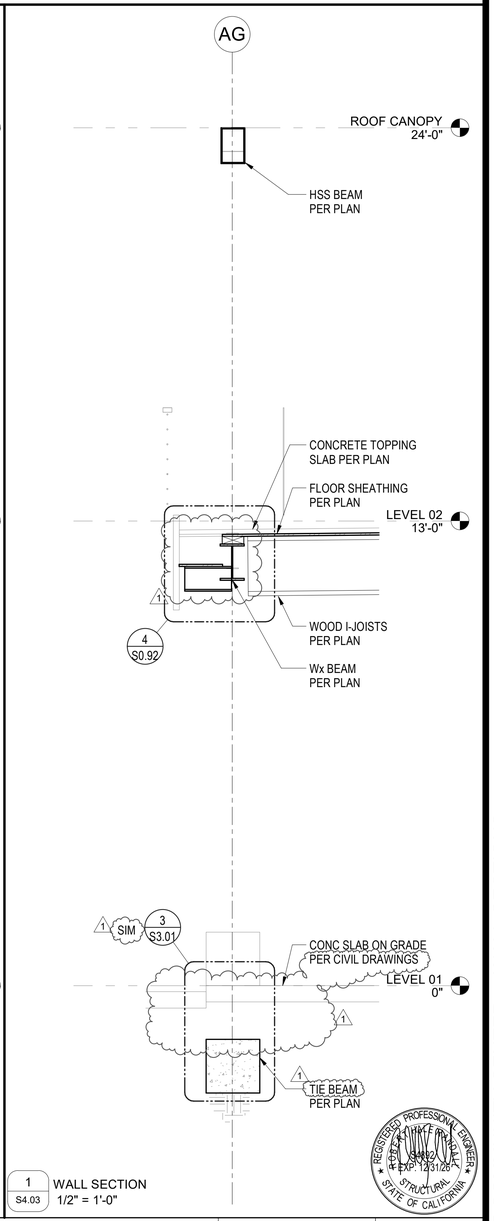


3 S4.03 WALL SECTION 1/2" = 1'-0"





2 S4.03 WALL SECTION 1/2" = 1'-0"



1 S4.03 WALL SECTION 1/2" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

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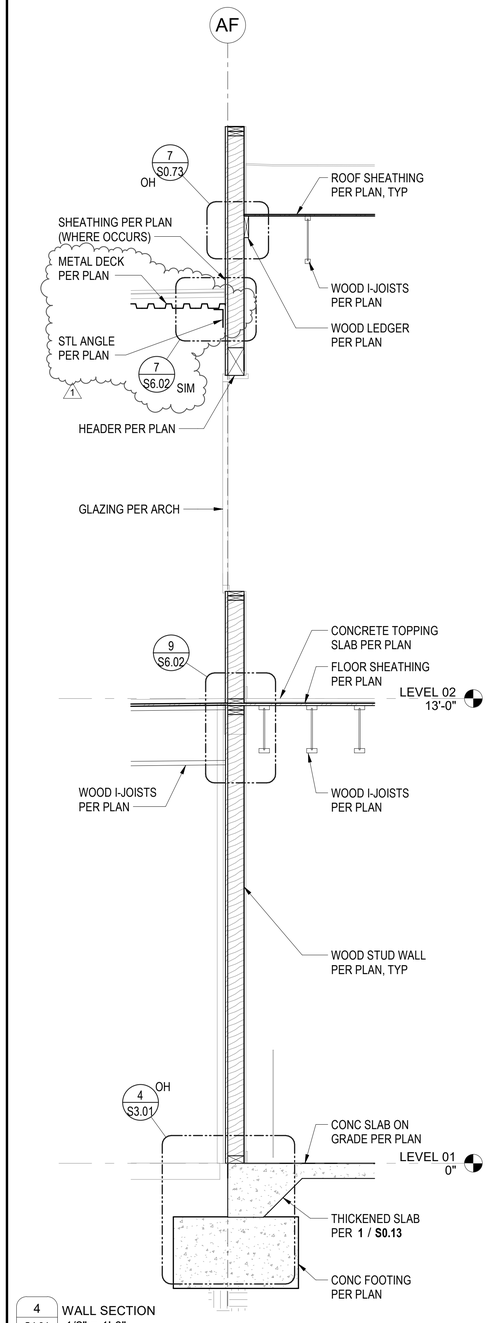
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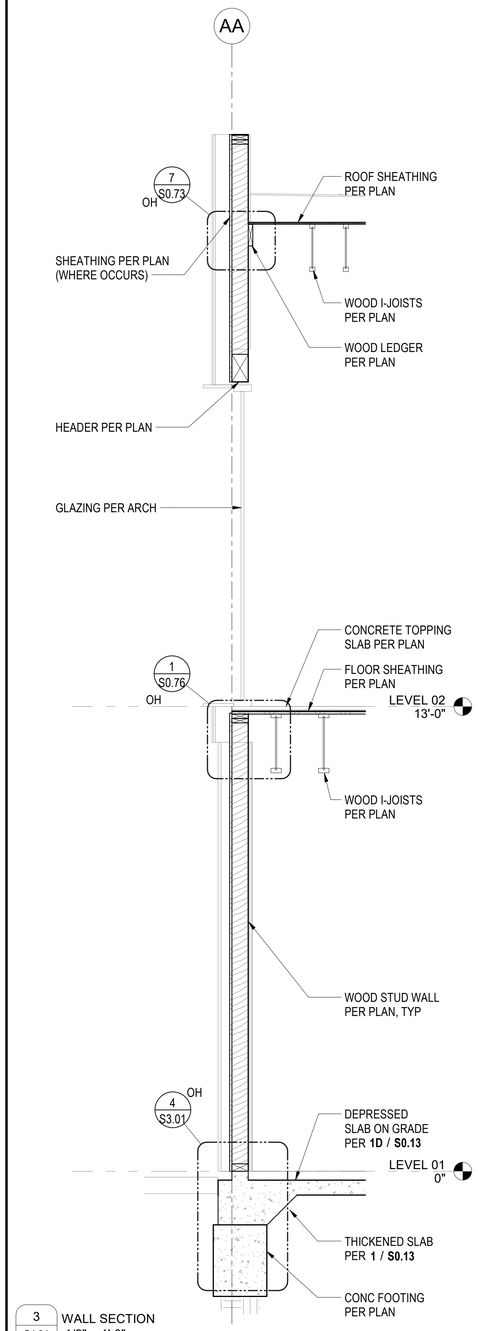
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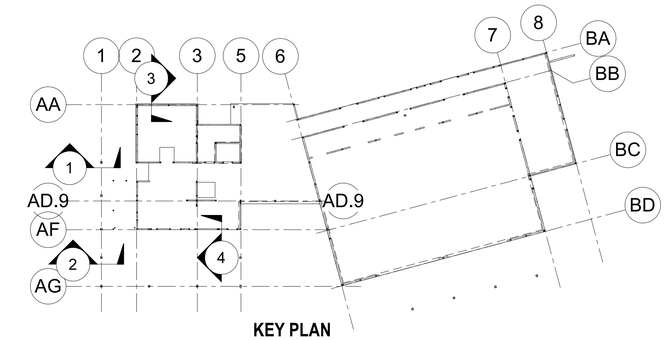
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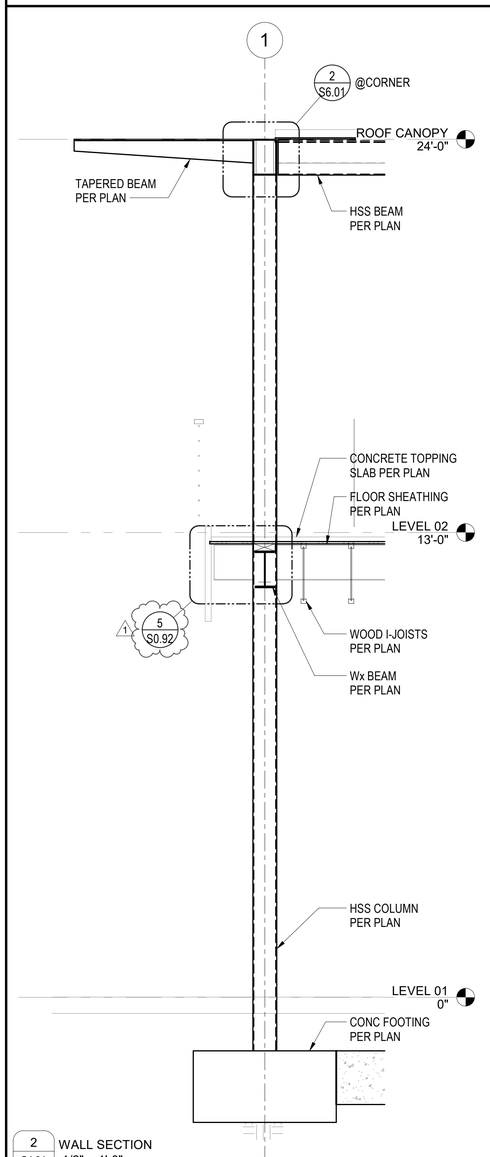
4 S4.04 WALL SECTION
1/2" = 1'-0"



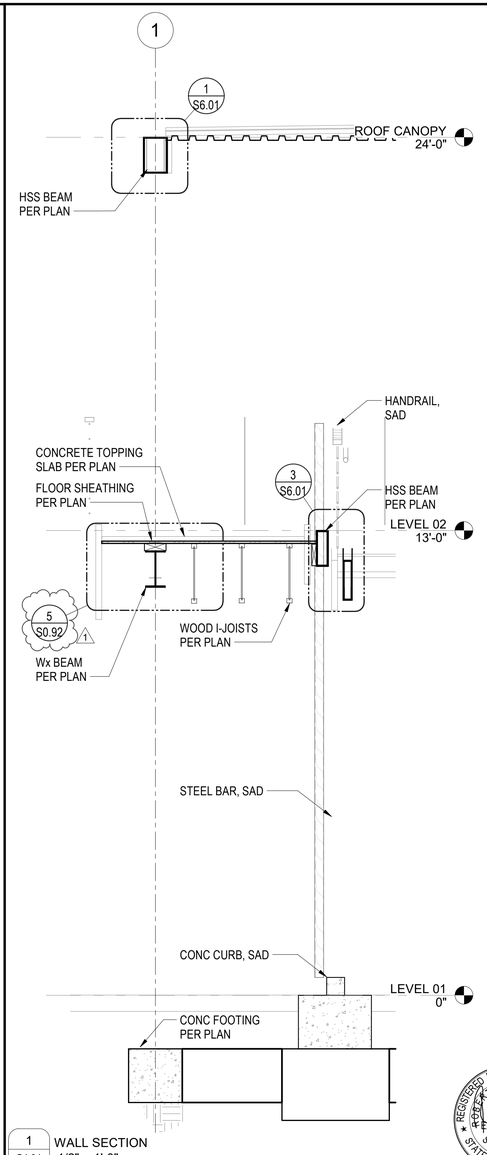
3 S4.04 WALL SECTION
1/2" = 1'-0"



KEY PLAN



2 S4.04 WALL SECTION
1/2" = 1'-0"



1 S4.04 WALL SECTION
1/2" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - WALL SECTIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
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VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S4.04**
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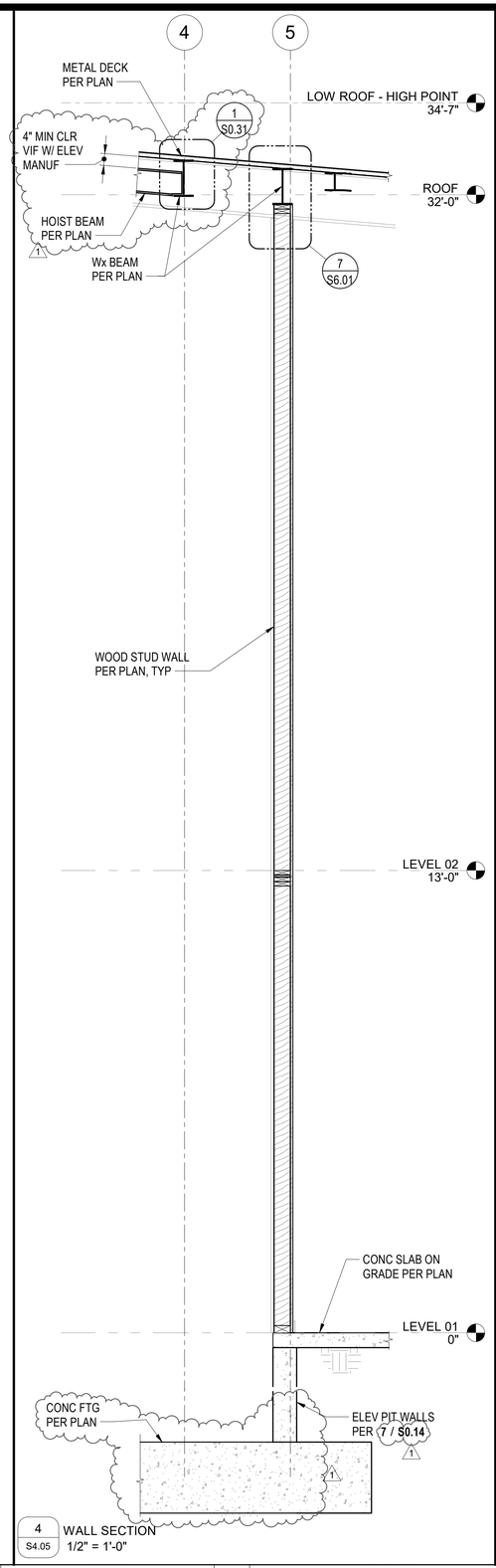
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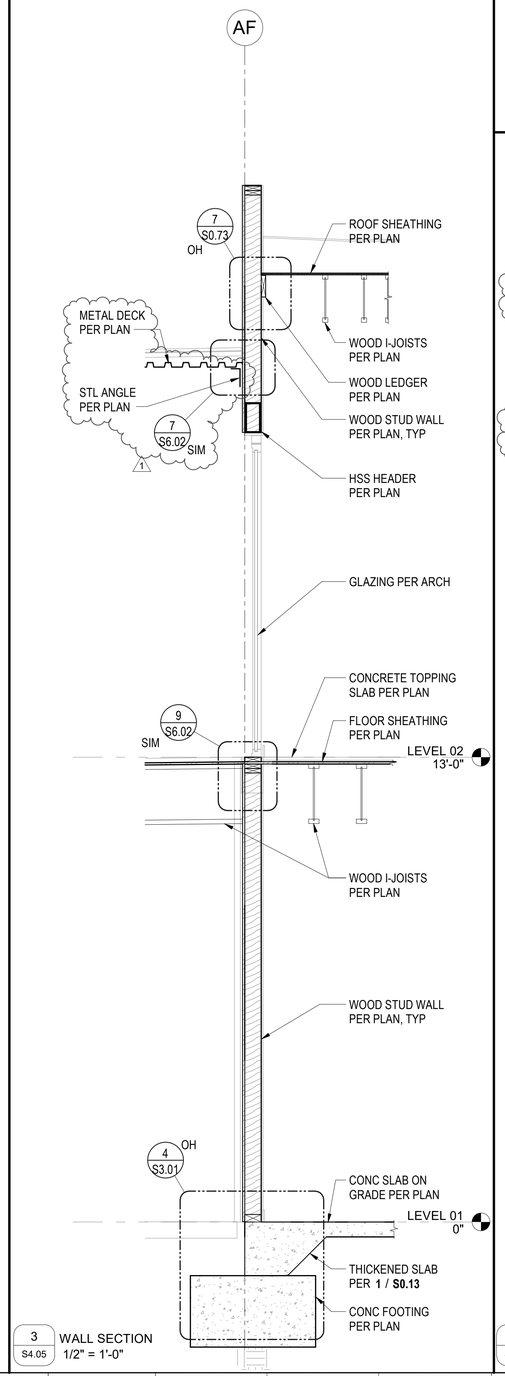
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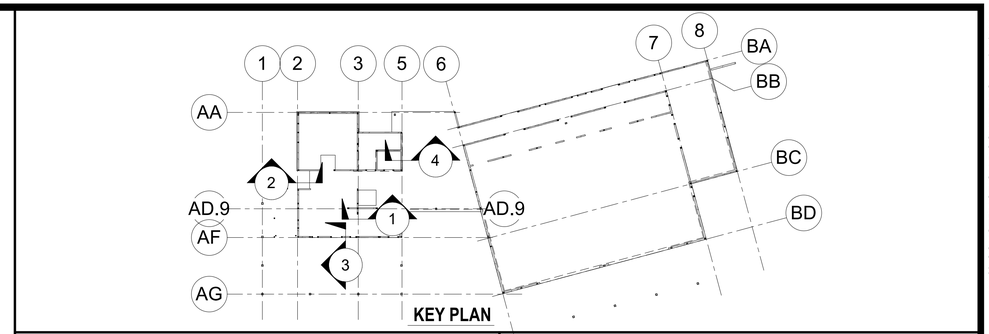
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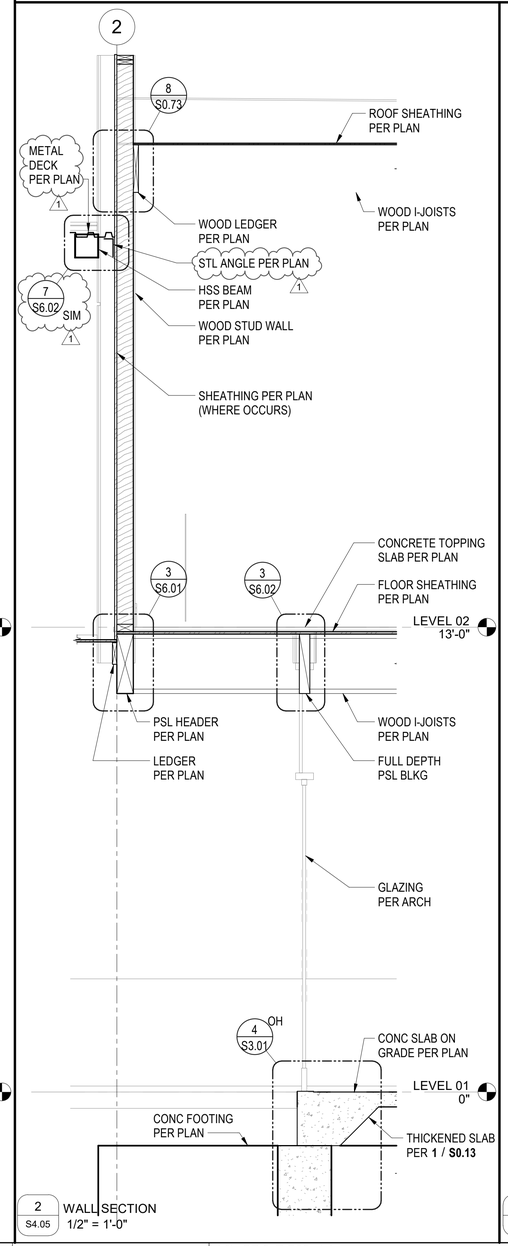
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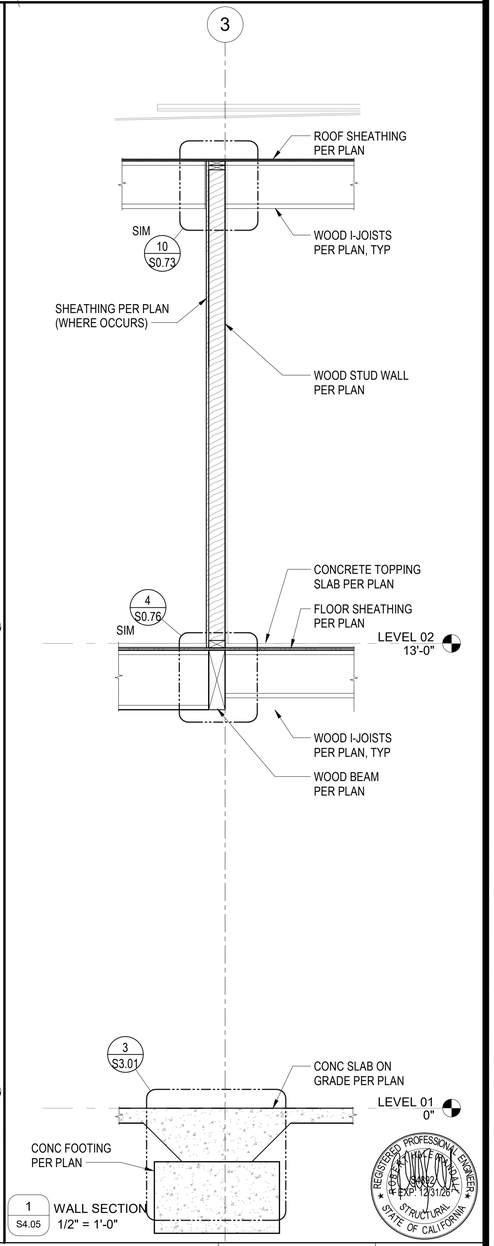
SANTEE COMMUNITY CENTER - WALL SECTIONS











REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/25 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS
CONTRACTOR:				1 ADDENDUM 01 09/26/2025
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BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
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VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

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BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S4.05**

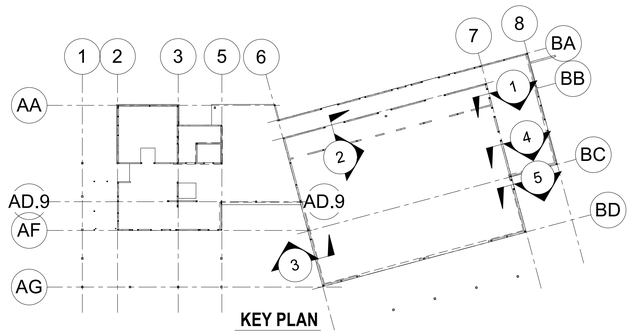
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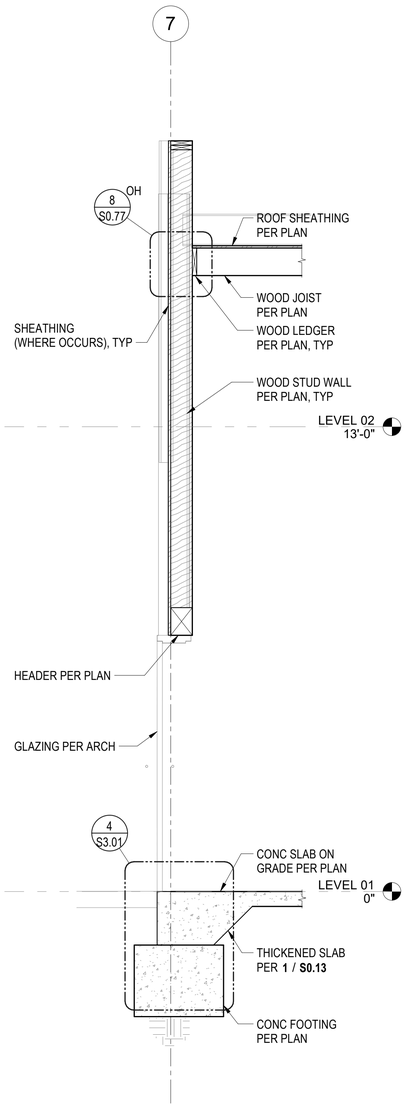
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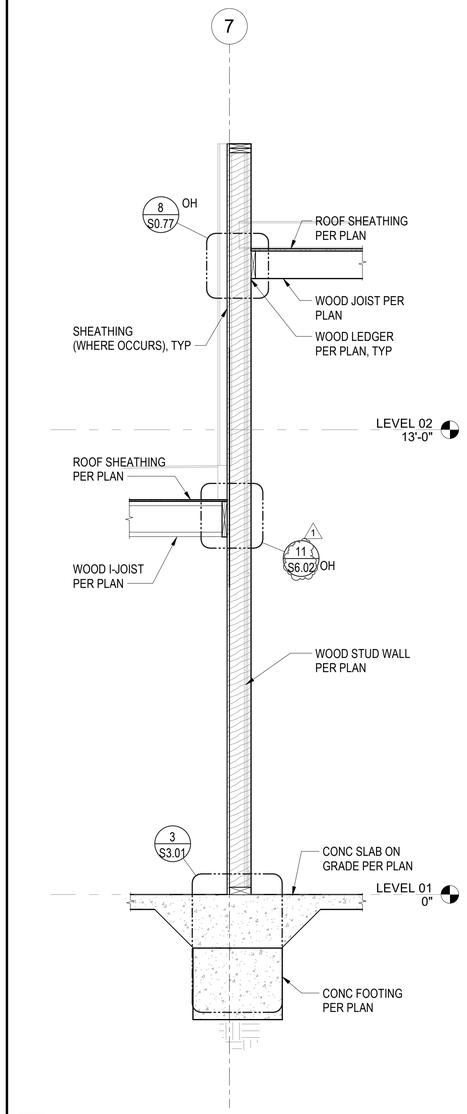
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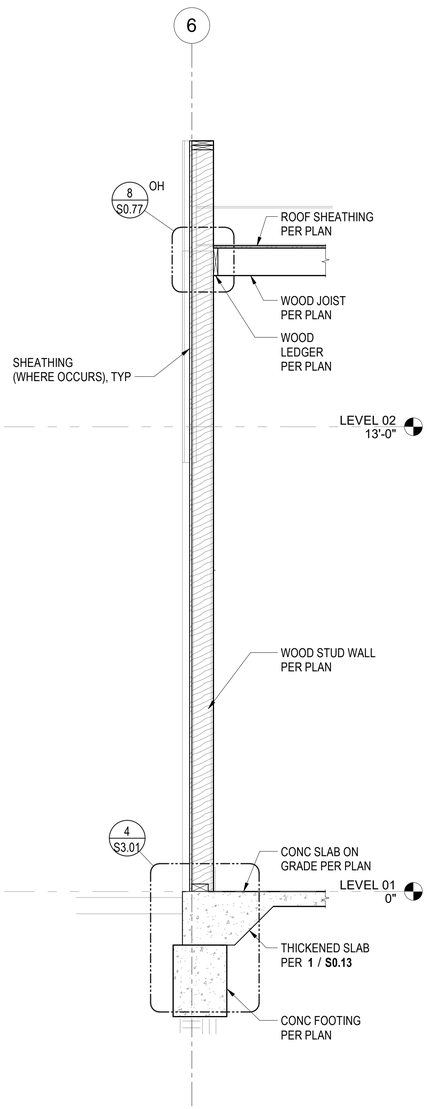
KEY PLAN



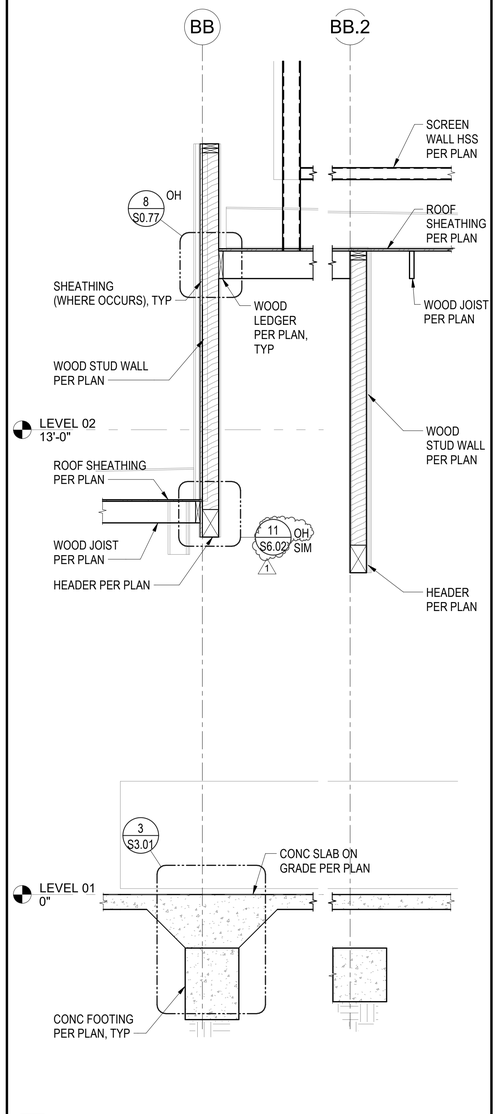
5 / S4.06 WALL SECTION 1/2" = 1'-0"



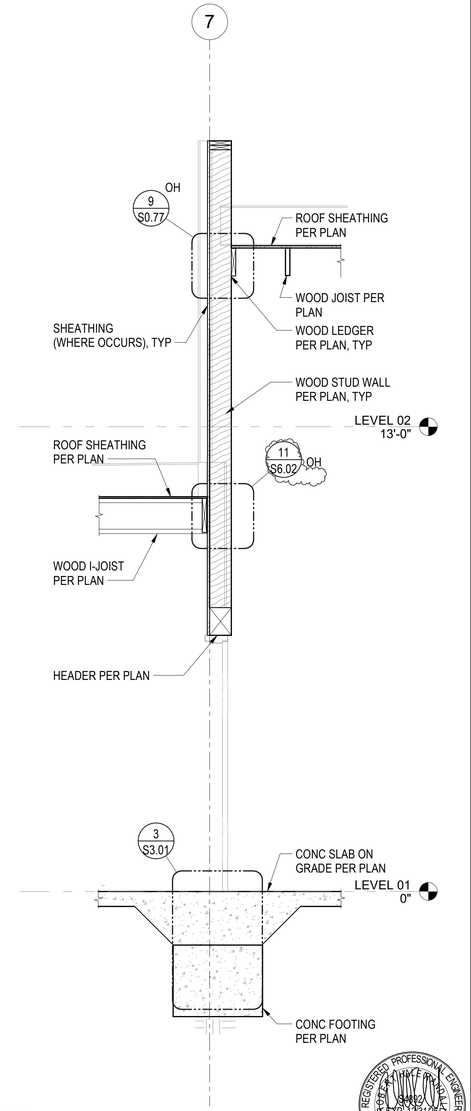
4 / S4.06 WALL SECTION 1/2" = 1'-0"



3 / S4.06 WALL SECTION 1/2" = 1'-0"



2 / S4.06 WALL SECTION 1/2" = 1'-0"



1 / S4.06 WALL SECTION 1/2" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
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	RCE NO. S4892 EXPIRES 12/31/2026		

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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

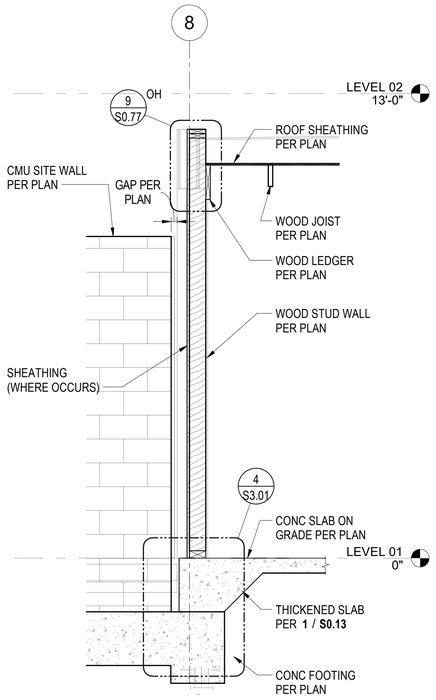
CITY W.O. NO. CIP 2018-31

DRAWING NO. **S4.06** SHEET OF

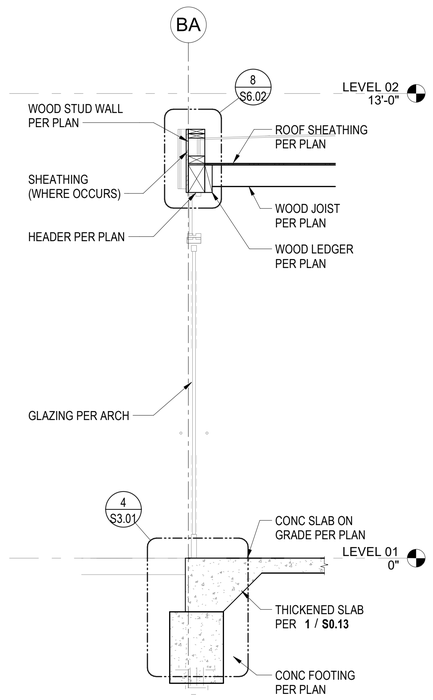
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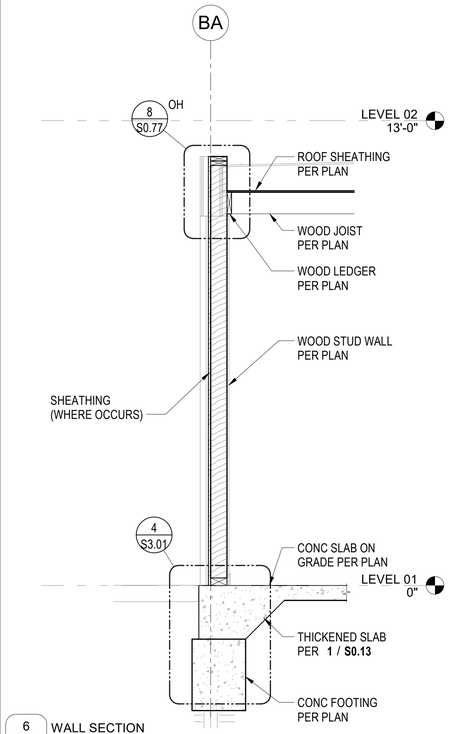
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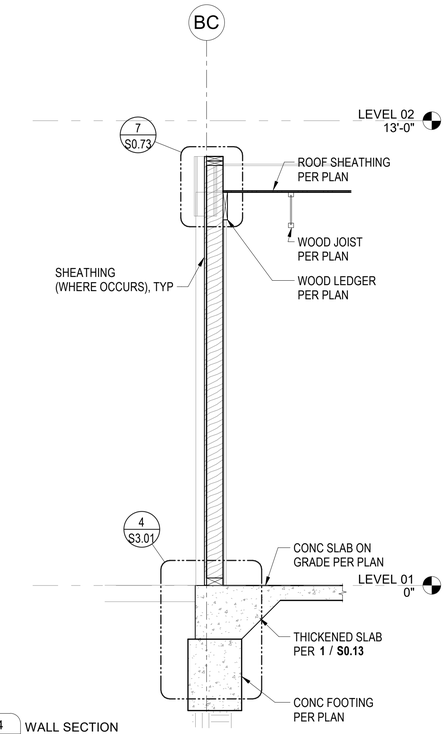
7 S4.07 WALL SECTION 1/2" = 1'-0"



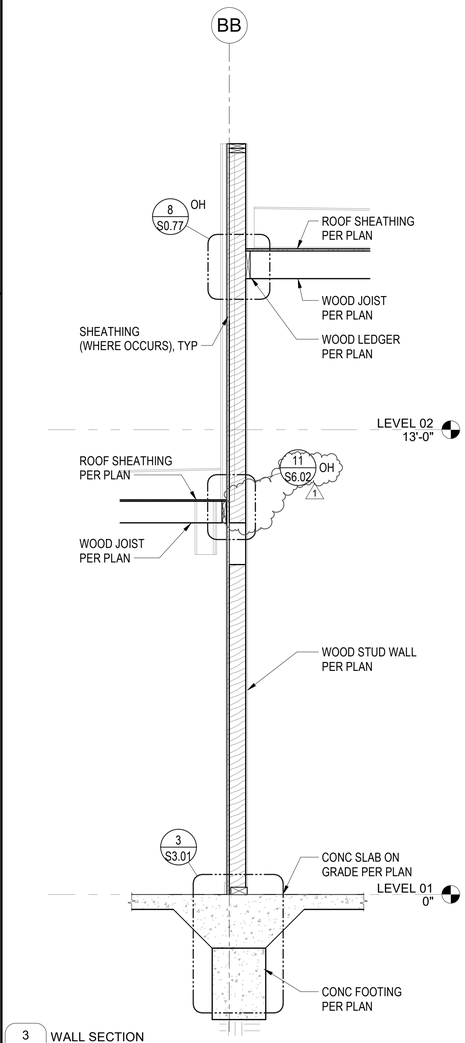
5 S4.07 WALL SECTION 1/2" = 1'-0"



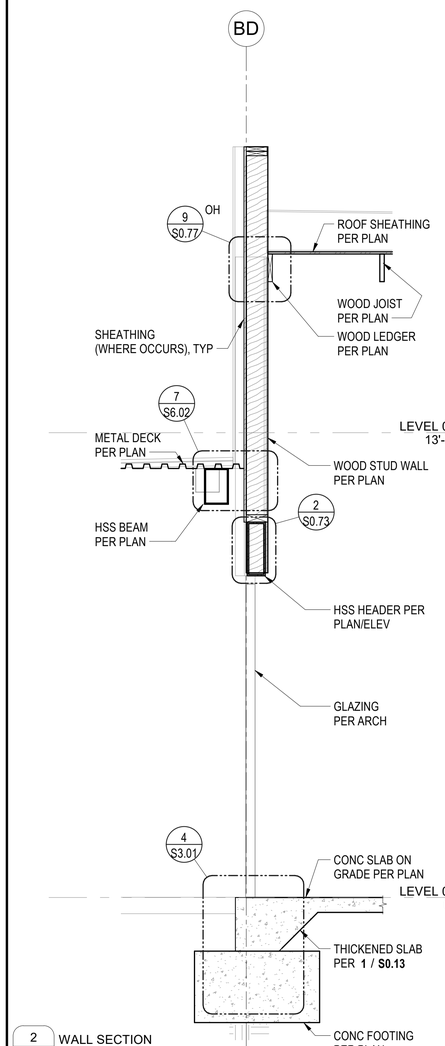
6 S4.07 WALL SECTION 1/2" = 1'-0"



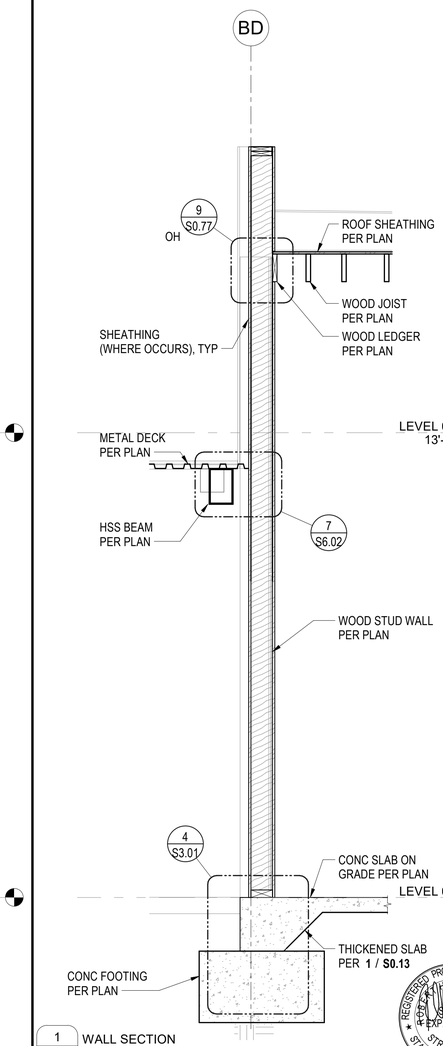
4 S4.07 WALL SECTION 1/2" = 1'-0"



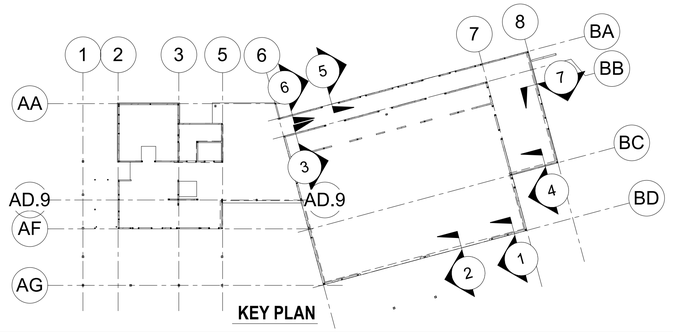
3 S4.07 WALL SECTION 1/2" = 1'-0"



2 S4.07 WALL SECTION 1/2" = 1'-0"



1 S4.07 WALL SECTION 1/2" = 1'-0"



CONSTRUCTION RECORD	REFERENCES	DATE	BY
CONTRACTOR:			
INSPECTOR:			
DATE COMPLETED			

REVISIONS		
1 ADDENDUM 01	09/26/2025	

BENCH MARK

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	RCE NO. S4892 EXPIRES 12/31/2026		

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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S4.07** SHEET OF

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

ADDENDUM 1

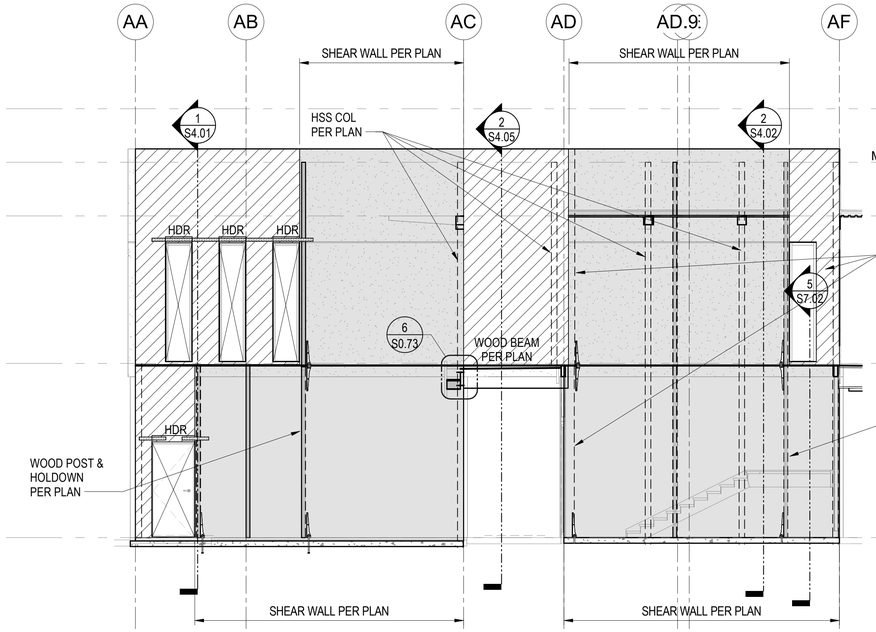
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SANTEE COMMUNITY CENTER - WALL SECTIONS

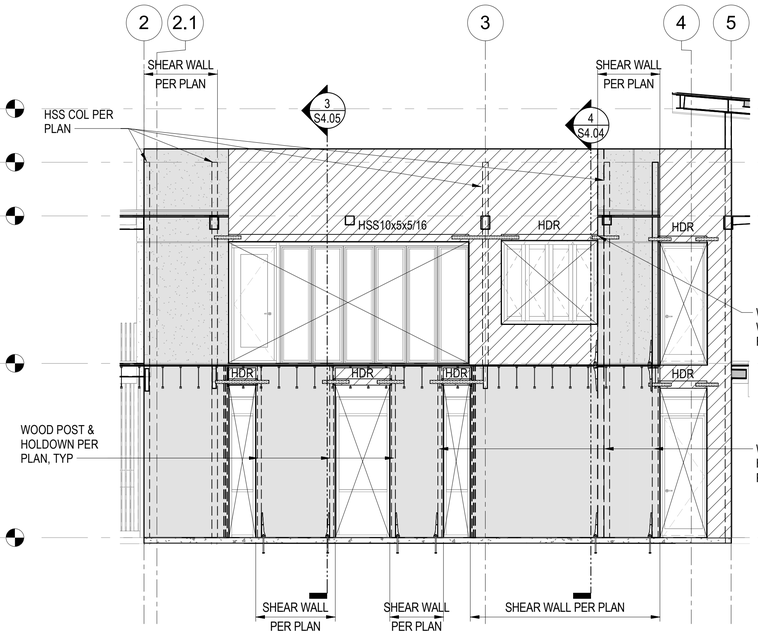
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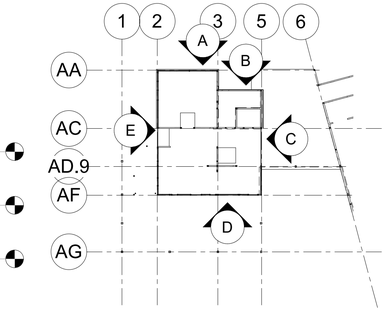
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E S5.01 SHEAR WALL ELEVATION AT GRID LINE 2
3/16" = 1'-0"



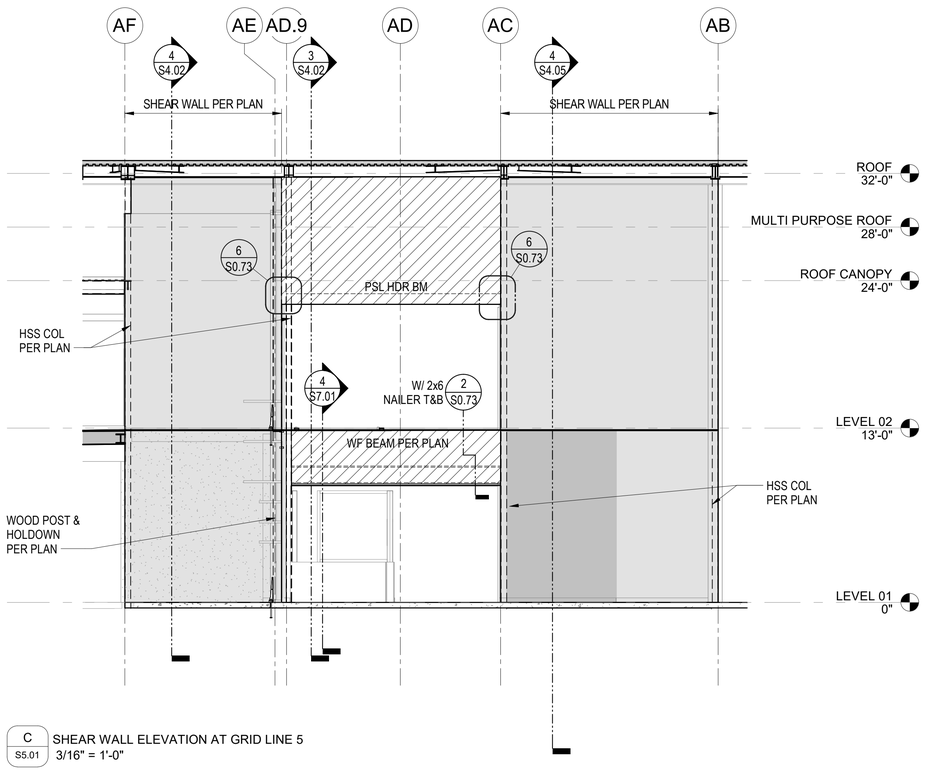
D S5.01 SHEAR WALL ELEVATION AT GRID LINE AF
3/16" = 1'-0"



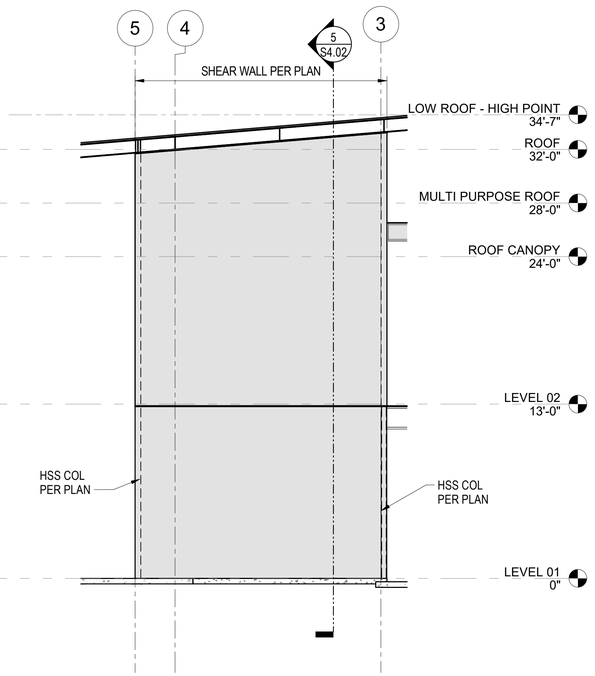
KEY PLAN

SHEAR WALL ELEVATIONS NOTES AND LEGEND

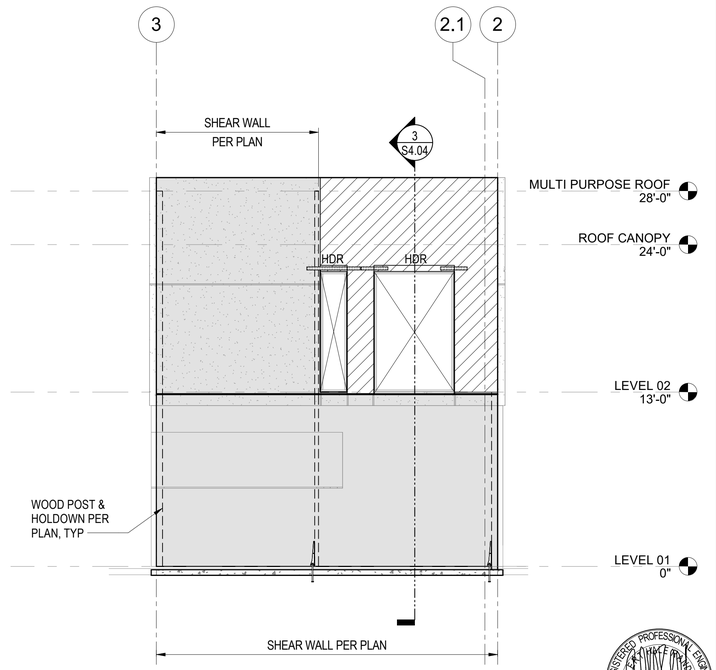
1. SEE PLANS FOR POST & HOLDOWN SIZES.
2. INDICATES SHEAR WALL PER PLAN.
3. INDICATES NAILING & SHEATHING PER TYPE-A SHEAR WALL ONLY AS NEEDED FOR ALIGNMENT OF INTERIOR FINISHES. REFER TO PLAN NOTE #25 ON FOUNDATION PLAN. FOR WALLS WITH DOUBLE-SIDED SHEATHING (SW TYPES E, F & G PER PLAN & 1/S0.81), PROVIDE NAILING & SHEATHING PER TYPE -E FOR ALIGNMENT ON INTERIOR FINISHES, AS REQ'D
4. REFER TO DETAIL **4 / S0.81** FOR WALL OPENINGS 14" WIDE OR LESS IN SHEAR WALLS.
5. REFER TO DETAIL **2 / S0.81** FOR WALL OPENING 2'-6" WIDE MAX IN SHEAR WALLS. PENETRATION SIZES AND LOCATIONS ARE TO BE REVIEWED AND APPROVED BY SEOR PRIOR TO FRAMING.
6. (WITHIN HATCHED AREAS AS INDICATED PER NOTE #3) ARE NOT SHOWN ON THESE ELEVATIONS. PENETRATION SIZES AND LOCATIONS ARE TO BE REVIEWED AND APPROVED BY SEOR PRIOR TO FRAMING. FRAME OPENINGS PER TYPICAL DETAIL **1 / S0.71**.



C S5.01 SHEAR WALL ELEVATION AT GRID LINE 5
3/16" = 1'-0"



B S5.01 SHEAR WALL ELEVATION AT GRID LINE AB
3/16" = 1'-0"



A S5.01 SHEAR WALL ELEVATION AT GRID LINE AA
3/16" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER
ROBERT H. RANDALL
No. S4892
EXP. 12/31/26
STRUCTURAL
STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
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DATE COMPLETED					

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	RCE NO. S4892 EXPIRES 12/31/2026		

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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S5.01**

SHEET OF

ADDENDUM 1

SANTEE COMMUNITY CENTER - SHEAR WALL ELEVATIONS

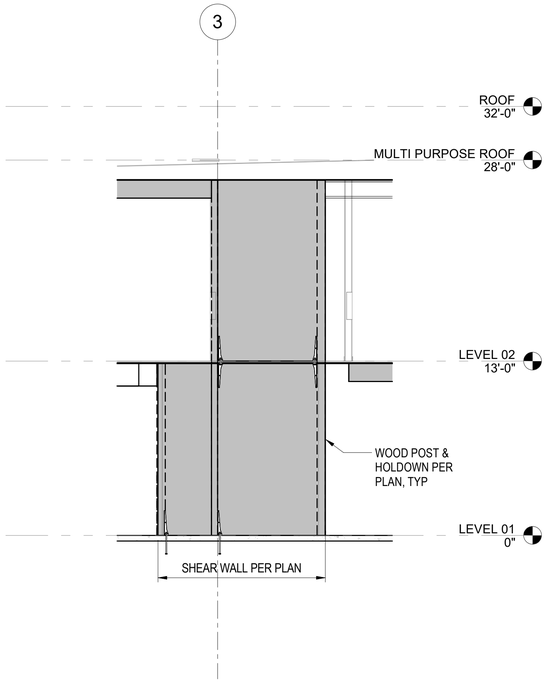
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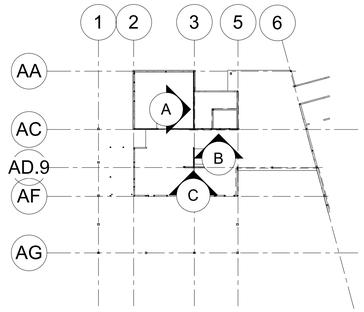
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ADDENDUM 1



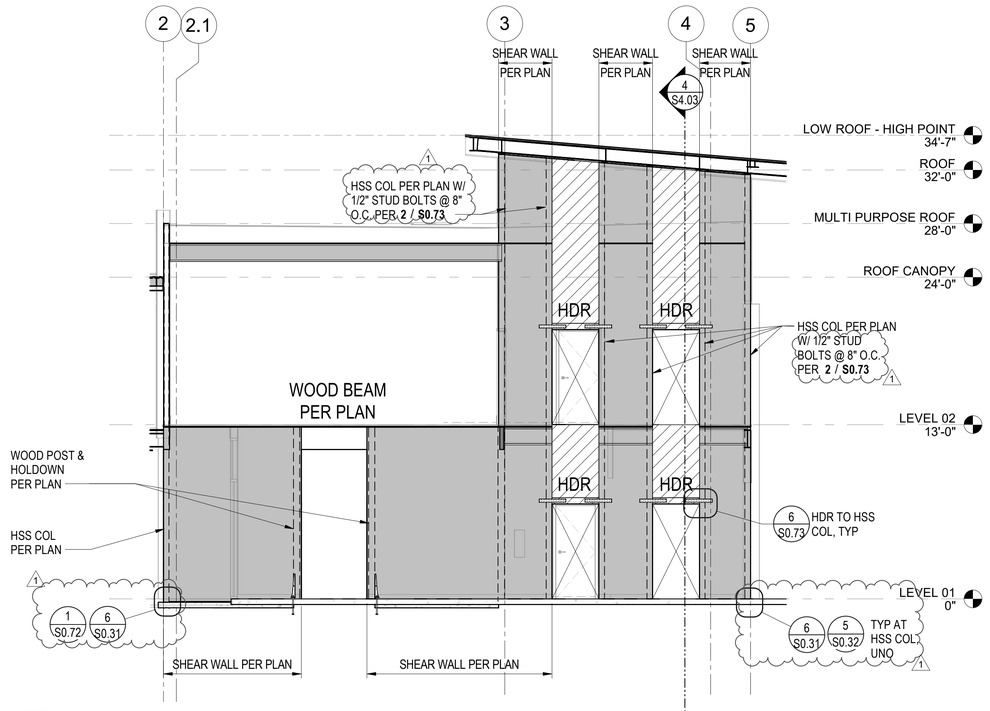
C / S5.02 SHEAR WALL ELEVATION NEAR GRID LINE AE
3/16" = 1'-0"



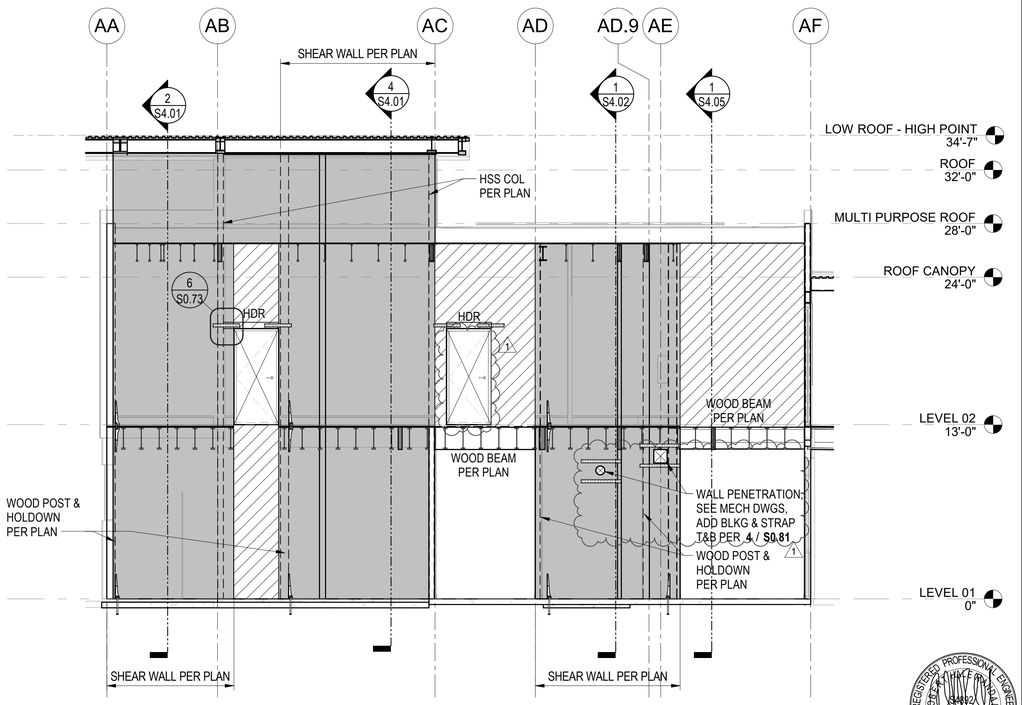
KEY PLAN

SHEAR WALL ELEVATIONS NOTES AND LEGEND

1. SEE PLANS FOR POST & HOLDOWN SIZES.
2. INDICATES SHEAR WALL PER PLAN.
3. INDICATES NAILING & SHEATHING PER TYPE-A SHEAR WALL ONLY AS NEEDED FOR ALIGNMENT OF INTERIOR FINISHES. REFER TO PLAN NOTE #25 ON FOUNDATION PLAN. FOR WALLS WITH DOUBLE-SIDED SHEATHING (SW TYPES E, F & G PER PLAN & 1/S0.81), PROVIDE NAILING & SHEATHING PER TYPE -E FOR ALIGNMENT ON INTERIOR FINISHES, AS REQ'D
4. REFER TO DETAIL **4 / S0.81** FOR WALL OPENINGS 14" WIDE OR LESS IN SHEAR WALLS.
5. REFER TO DETAIL **2 / S0.81** FOR WALL OPENING 2'-6" WIDE MAX IN SHEAR WALLS. PENETRATION SIZES AND LOCATIONS ARE TO BE REVIEWED AND APPROVED BY SEOR PRIOR TO FRAMING.
6. (WITHIN HATCHED AREAS AS INDICATED PER NOTE #3) ARE NOT SHOWN ON THESE ELEVATIONS. PENETRATION SIZES AND LOCATIONS ARE TO BE REVIEWED AND APPROVED BY SEOR PRIOR TO FRAMING. FRAME OPENINGS PER TYPICAL DETAIL **1 / S0.71** .



B / S5.02 SHEAR WALL ELEVATION AT GRID LINE AC
3/16" = 1'-0"



A / S5.02 SHEAR WALL ELEVATION AT GRID LINE 3
3/16" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - SHEAR WALL ELEVATIONS

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INSPECTOR:					
DATE COMPLETED					

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	RCE NO. S4892	EXPIRES 12/31/2026	

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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S5.02**

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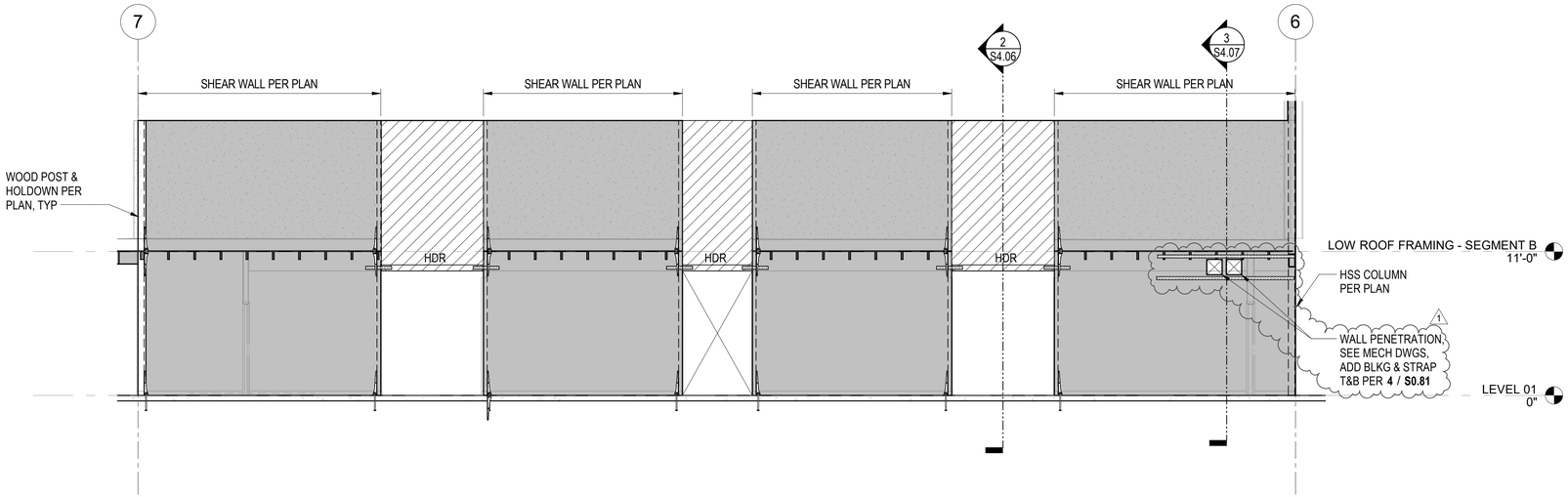
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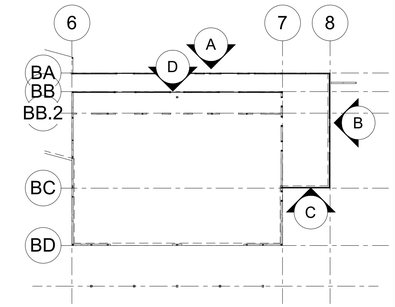
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ADDENDUM 1



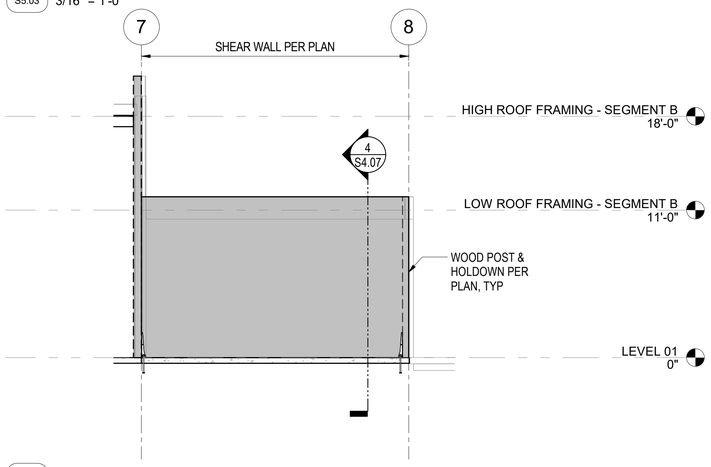
D S5.03 SHEAR WALL ELEVATION AT GRID LINE BB
3/16" = 1'-0"



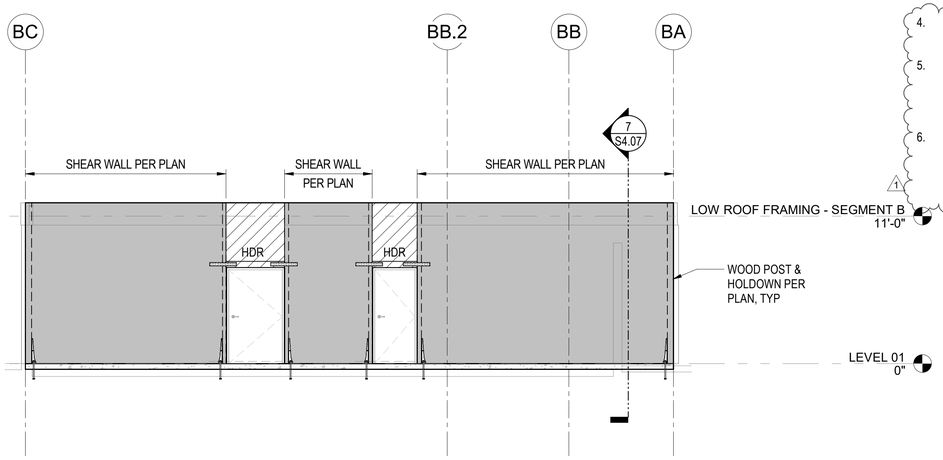
KEY PLAN

SHEAR WALL ELEVATIONS NOTES AND LEGEND

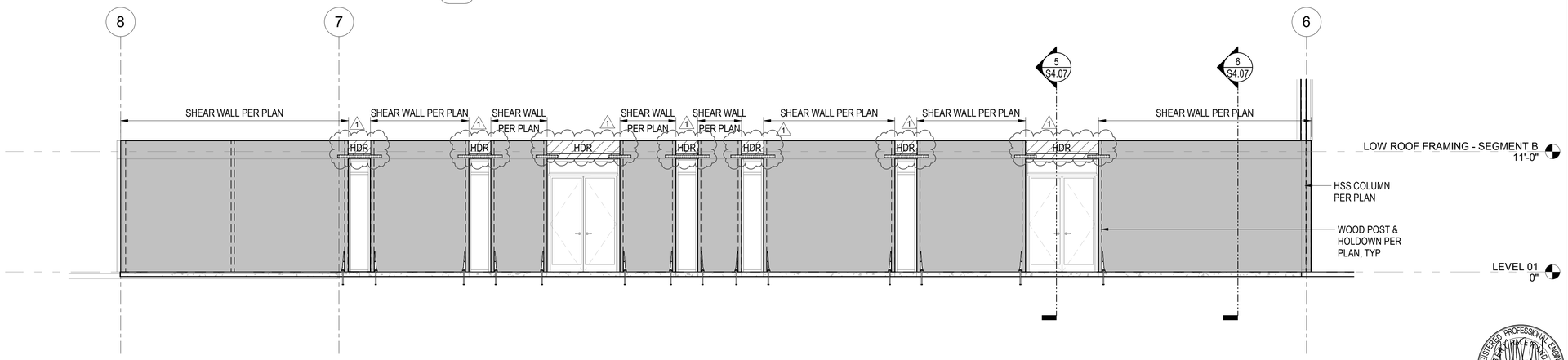
1. SEE PLANS FOR POST & HOLDOWN SIZES.
2. INDICATES SHEAR WALL PER PLAN.
3. INDICATES NAILING & SHEATHING PER TYPE-A SHEAR WALL ONLY AS NEEDED FOR ALIGNMENT OF INTERIOR FINISHES. REFER TO PLAN NOTE #25 ON FOUNDATION PLAN. FOR WALLS WITH DOUBLE-SIDED SHEATHING (SW TYPES E, F & G PER PLAN & 1/S0.81), PROVIDE NAILING & SHEATHING PER TYPE -E FOR ALIGNMENT ON INTERIOR FINISHES, AS REQ'D
4. REFER TO DETAIL **4** / **S0.81** FOR WALL OPENINGS 14" WIDE OR LESS IN SHEAR WALLS.
5. REFER TO DETAIL **2** / **S0.81** FOR WALL OPENING 2'-6" WIDE MAX IN SHEAR WALLS. PENETRATION SIZES AND LOCATIONS ARE TO BE REVIEWED AND APPROVED BY SEOR PRIOR TO FRAMING.
6. (WITHIN HATCHED AREAS AS INDICATED PER NOTE #3) ARE NOT SHOWN ON THESE ELEVATIONS. PENETRATION SIZES AND LOCATIONS ARE TO BE REVIEWED AND APPROVED BY SEOR PRIOR TO FRAMING. FRAME OPENINGS PER TYPICAL DETAIL **1** / **S0.71**.



C S5.03 SHEAR WALL ELEVATION AT GRID LINE BC
3/16" = 1'-0"



B S5.03 SHEAR WALL ELEVATION AT GRID LINE 8
3/16" = 1'-0"



A S5.03 SHEAR WALL ELEVATION AT GRID LINE BA
3/16" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 ADDENDUM 01 09/26/2025	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO. CIP 2018-31

DRAWING NO. **S5.03** SHEET OF

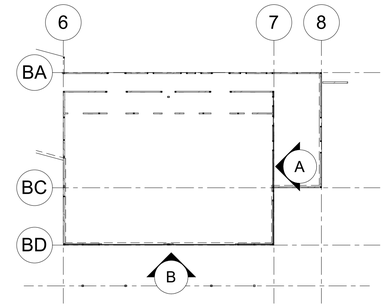
SANTEE COMMUNITY CENTER - SHEAR WALL ELEVATIONS

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-S-Santee Community Center-R20.rvt

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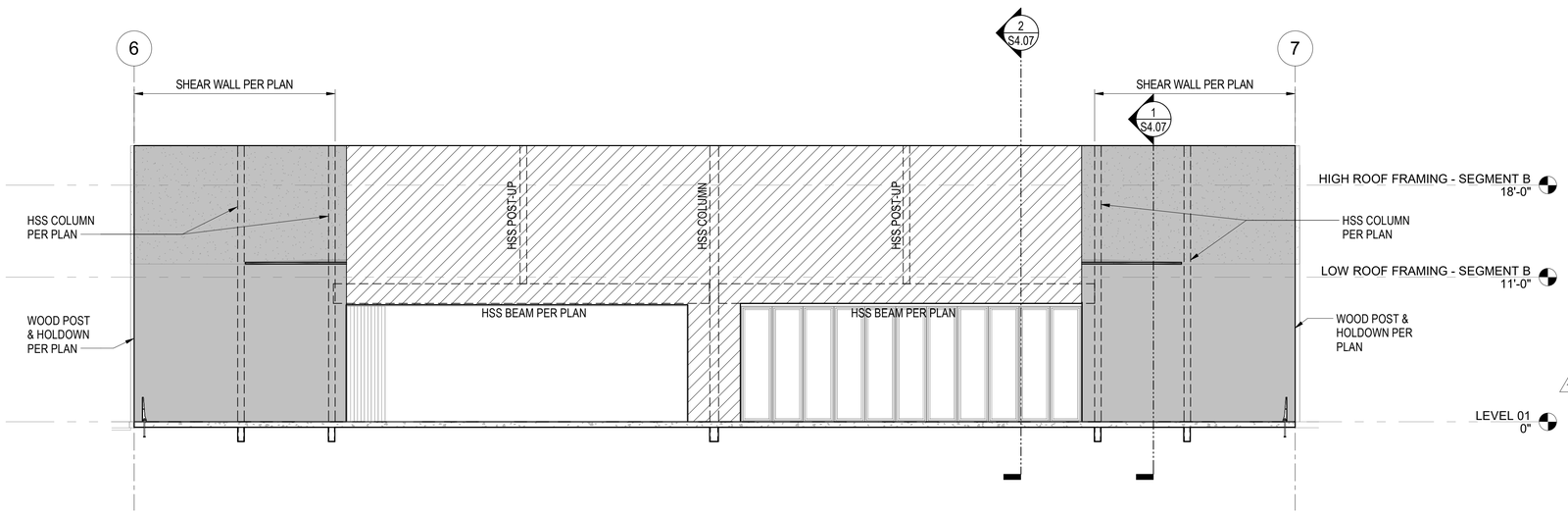


KEY PLAN

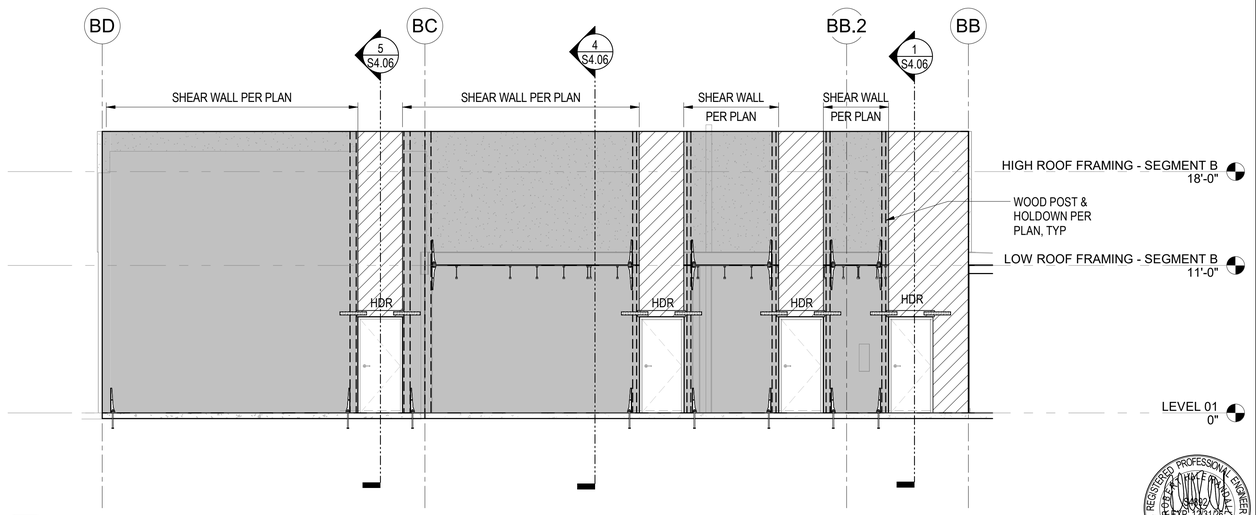
SHEAR WALL ELEVATIONS NOTES AND LEGEND

1. SEE PLANS FOR POST & HOLDOWN SIZES.
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1



B S5.04 SHEAR WALL ELEVATION AT GRID LINE BD
3/16" = 1'-0"



A S5.04 SHEAR WALL ELEVATION AT GRID LINE 7
3/16" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL 04/30/25 S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 ADDENDUM 01 09/26/2025	
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DATE COMPLETED					

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	RCE NO. S4892 EXPIRES 12/31/2026		

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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**S5.04**
	SHEET OF

ADDENDUM 1

SANTEE COMMUNITY CENTER - SHEAR WALL ELEVATIONS

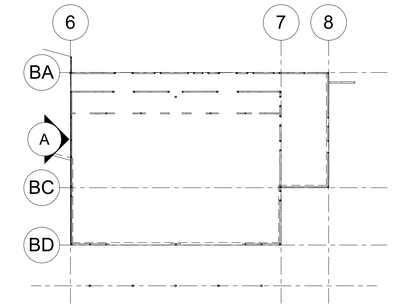
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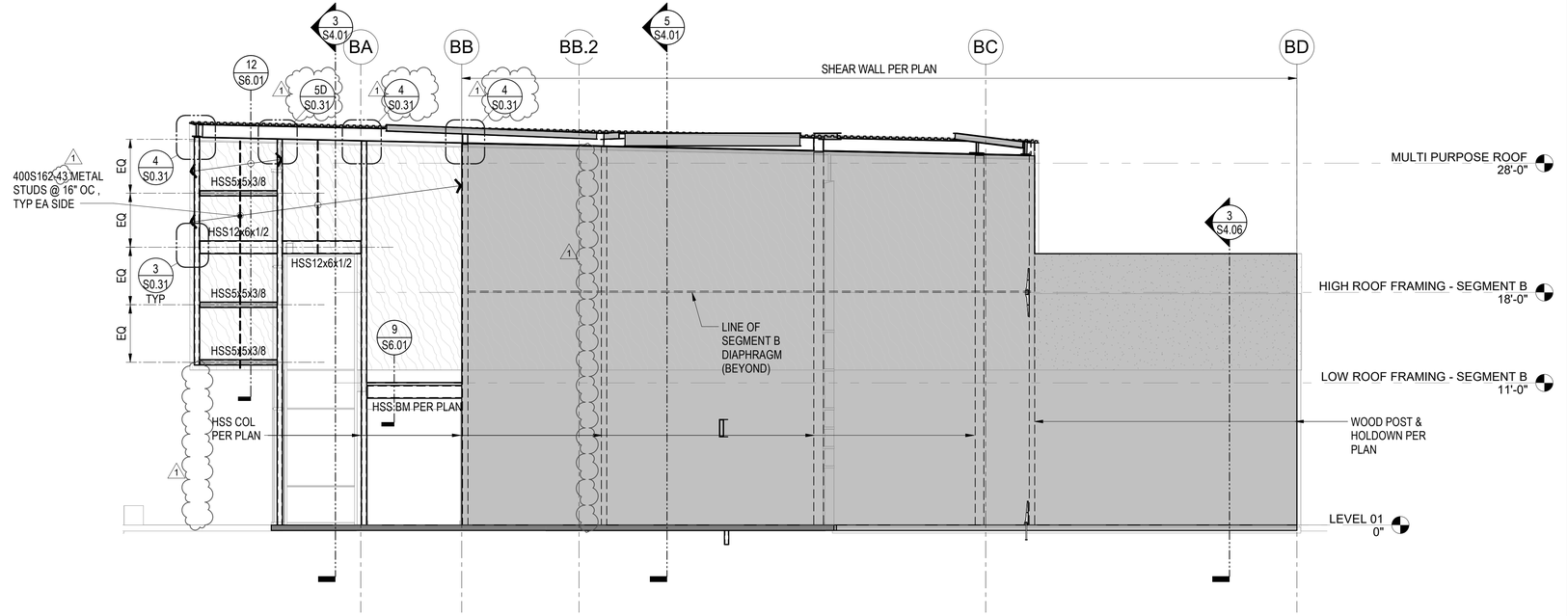
ADDENDUM 1



KEY PLAN

SHEAR WALL ELEVATIONS NOTES AND LEGEND

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A / S5.05 SHEAR WALL ELEVATION AT GRID LINE 6
3/16" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - SHEAR WALL ELEVATIONS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 ADDENDUM 01 09/26/2025	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
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	RCE NO. S4892 EXPIRES 12/31/2026		

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S5.05**
SHEET OF

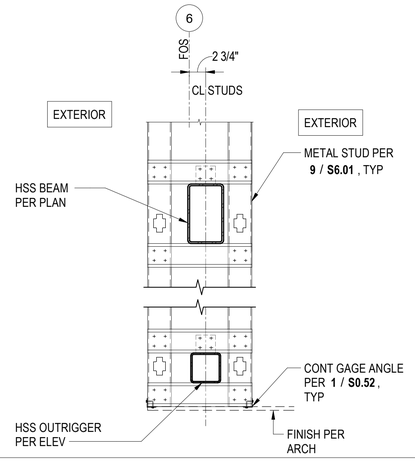
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Please Recycle

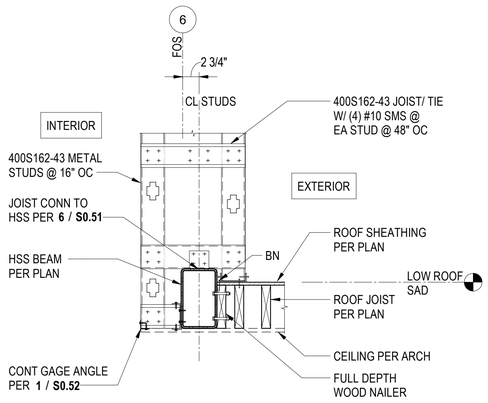
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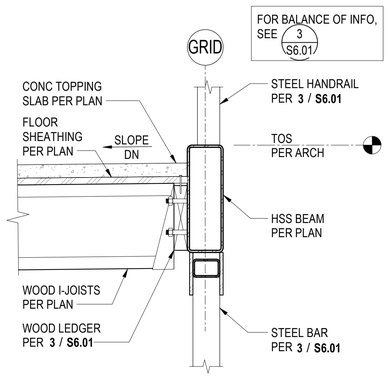
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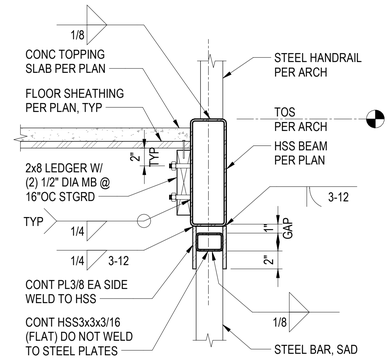
12 S6.01 DETAIL
1" = 1'-0"



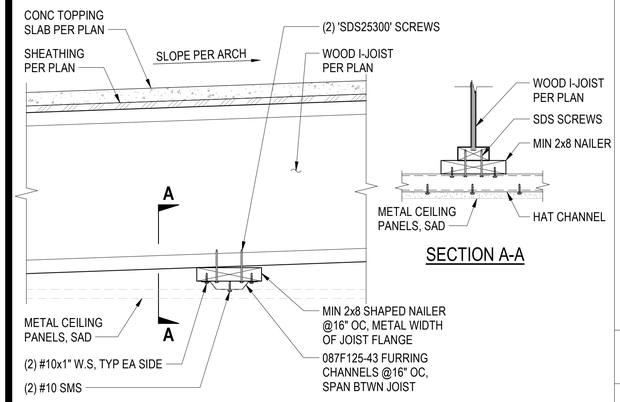
9 S6.01 DETAIL
1" = 1'-0"



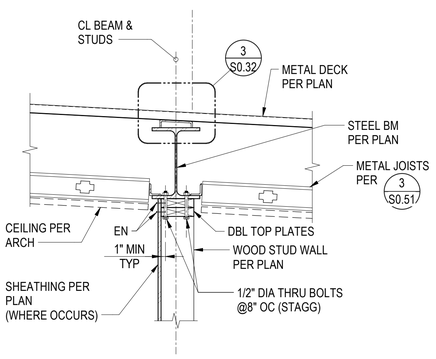
6 S6.01 EXTERIOR DECK DETAIL
1 1/2" = 1'-0"



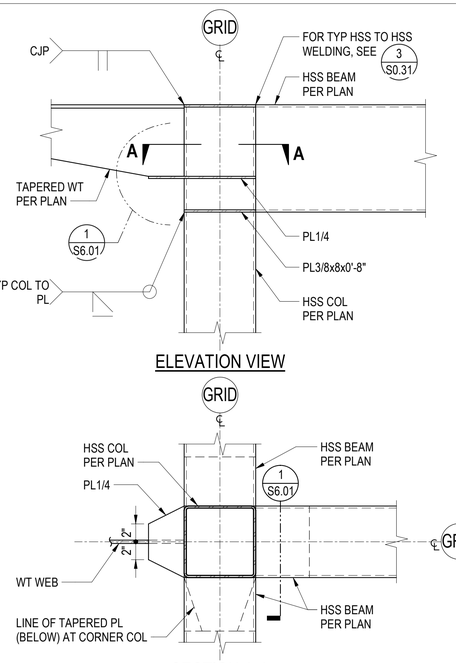
3 S6.01 EXTERIOR DECK DETAIL
1 1/2" = 1'-0"



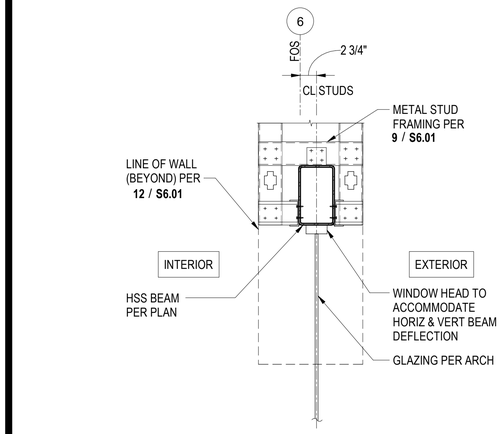
11 S6.01 DETAIL
1 1/2" = 1'-0"



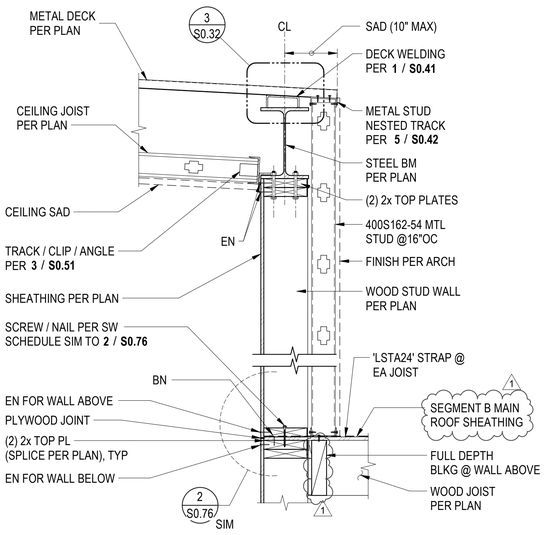
5 S6.01 DETAIL
1" = 1'-0"



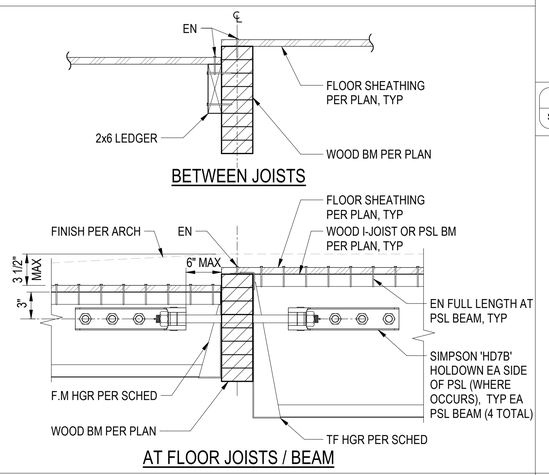
2 S6.01 CANOPY DETAIL
1 1/2" = 1'-0"



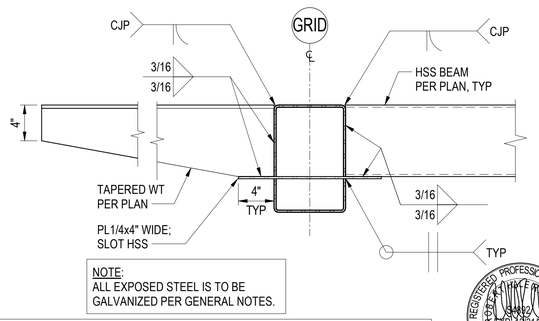
10 S6.01 DETAIL
1" = 1'-0"



7 S6.01 DETAIL
1" = 1'-0"



4 S6.01 FLOOR STEP CONN DETAIL
1 1/2" = 1'-0"



1 S6.01 CANOPY DETAIL
1 1/2" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01	09/26/2025	
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

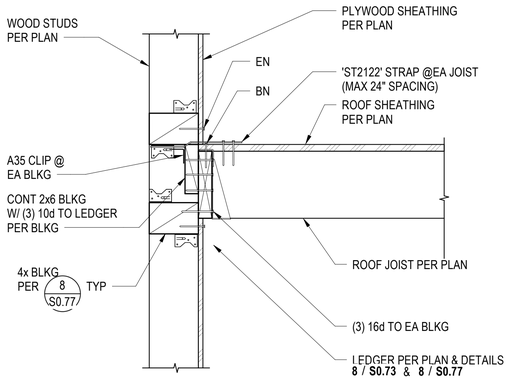
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**S6.01**
	SHEET OF

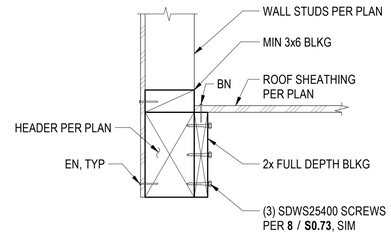
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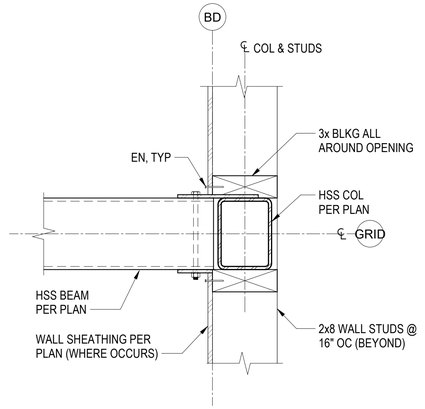
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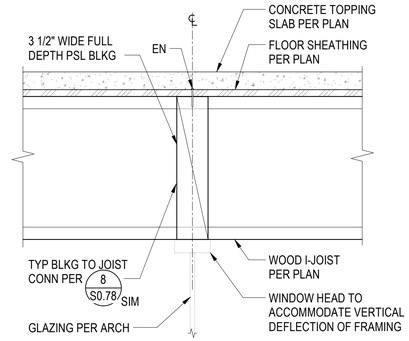
11/S6.02 TYPICAL EXTERIOR STUD WALL AT LOW ROOF LEDGER
1" = 1'-0" NOT TO SCALE



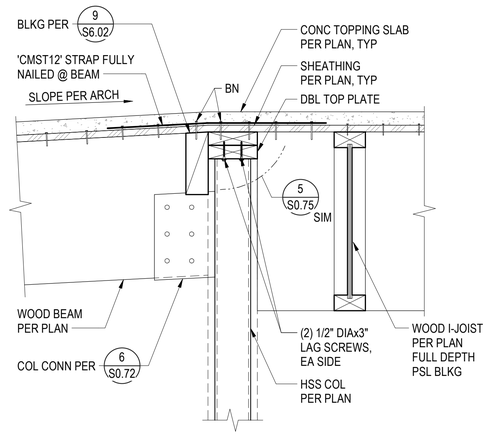
BETWEEN JOIST



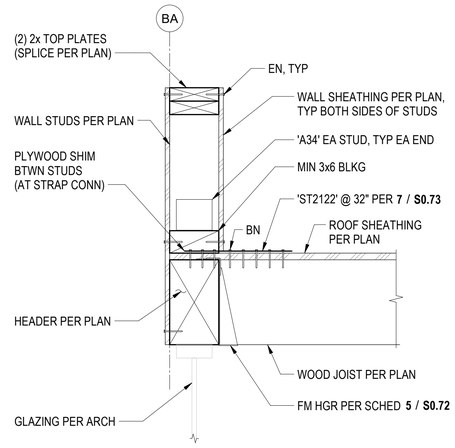
SECTION A-A



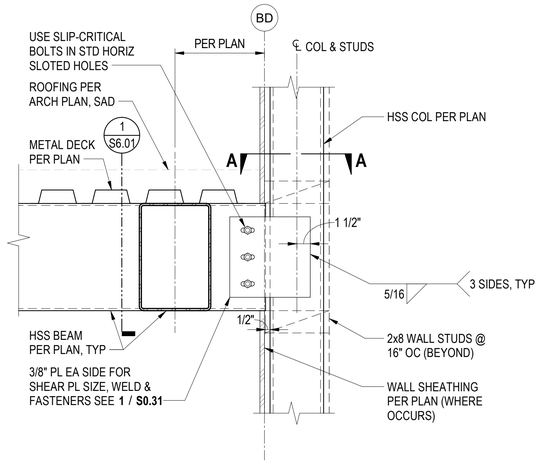
3/S6.02 DETAIL
1 1/2" = 1'-0"



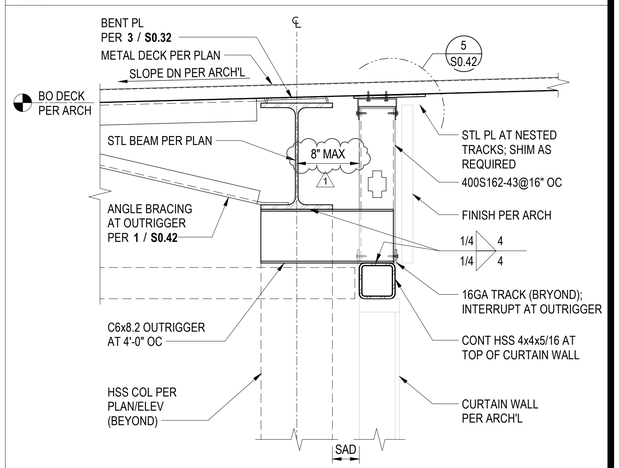
10/S6.02 CANOPY DECK DRAG DETAIL
1 1/2" = 1'-0"



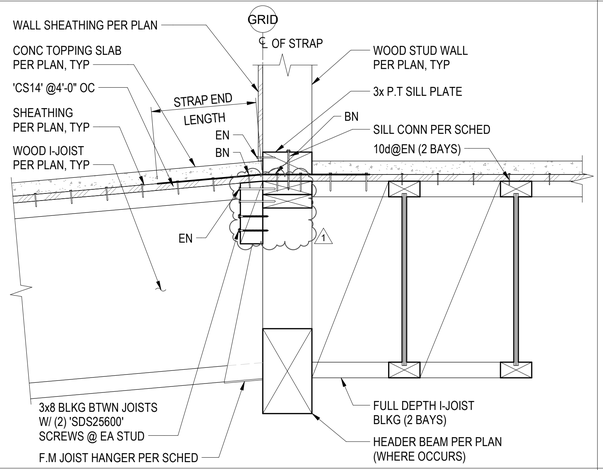
8/S6.02 DETAIL
1 1/2" = 1'-0"



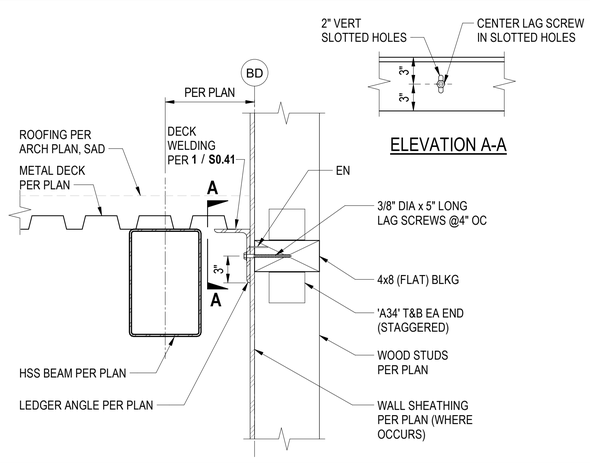
5/S6.02 CANOPY DETAIL
1 1/2" = 1'-0"



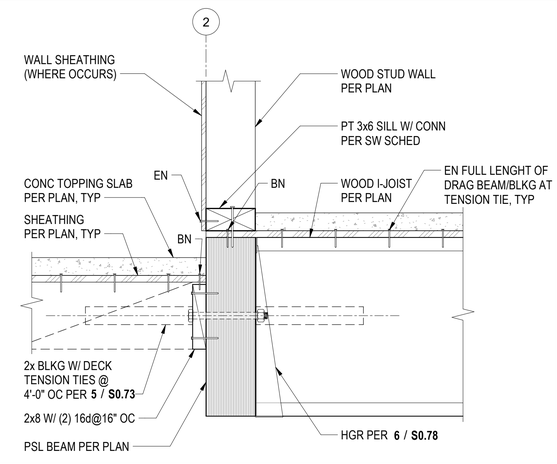
2/S6.02 DETAIL
1 1/2" = 1'-0"



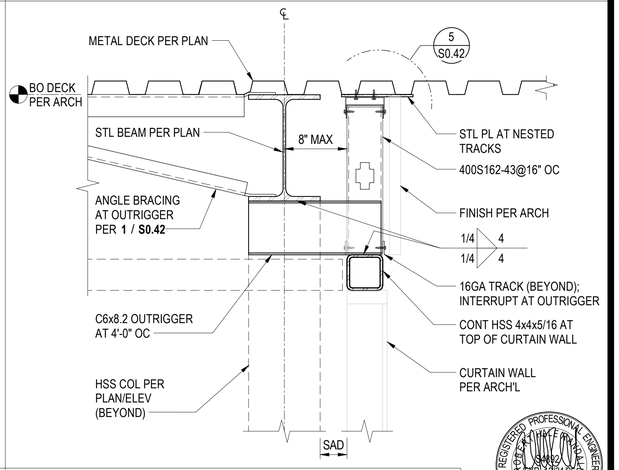
9/S6.02 DECK DETAIL
1 1/2" = 1'-0"



7/S6.02 CANOPY DETAIL
1 1/2" = 1'-0"



4/S6.02 DETAIL
1 1/2" = 1'-0"



1/S6.02 DETAIL
1 1/2" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1 1/2" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S6.02** SHEET OF

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SANTEE COMMUNITY CENTER - DETAILS AND SECTIONS

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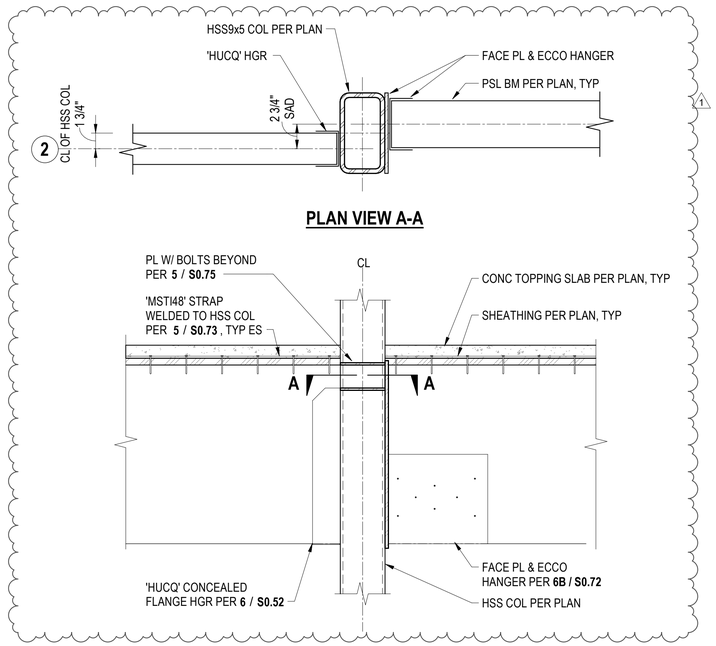
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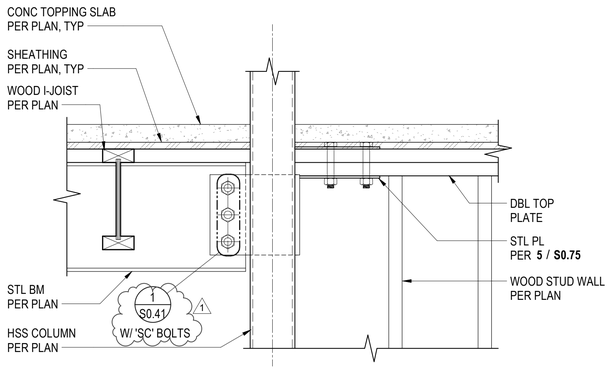
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ADDENDUM 1

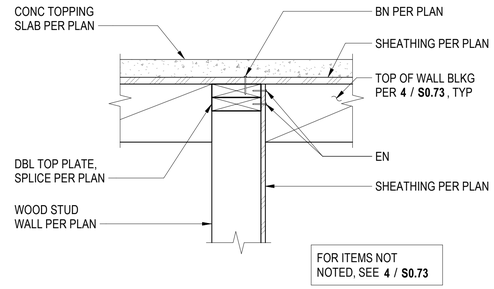
SANTEE COMMUNITY CENTER - DETAILS AND SECTIONS



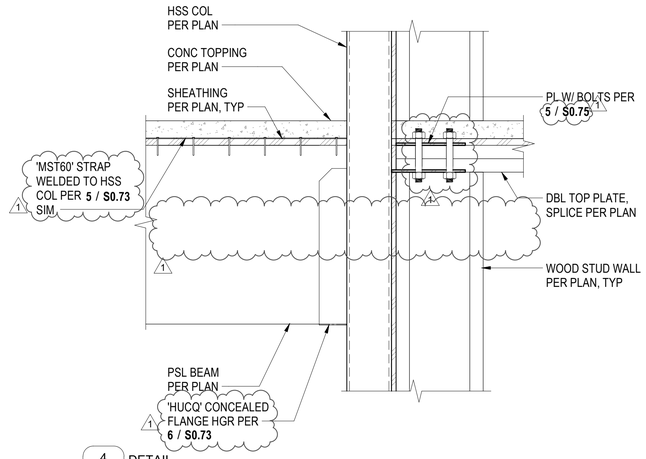
5 S6.03 DETAIL 1 1/2" = 1'-0"



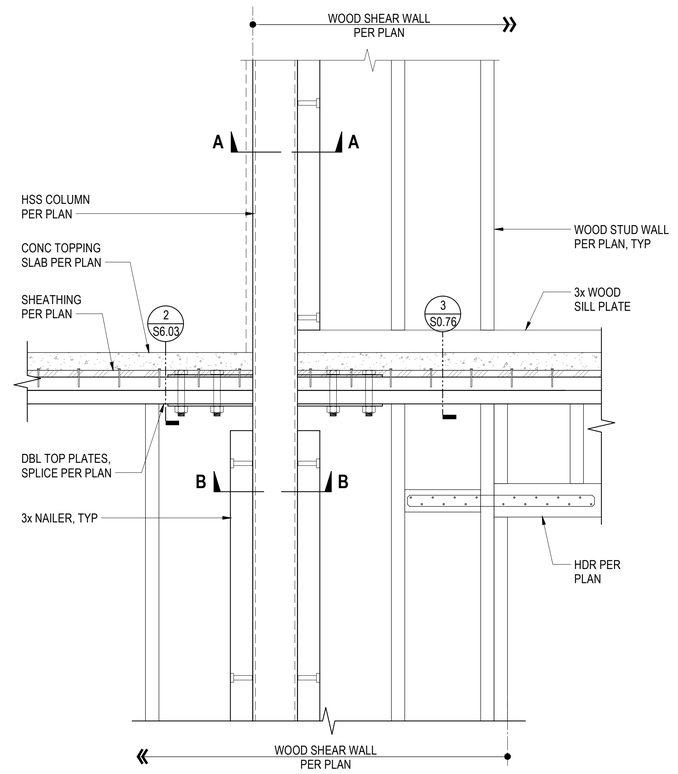
3 S6.03 DETAIL 1 1/2" = 1'-0"



2 S6.03 DETAIL 1 1/2" = 1'-0"

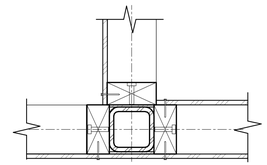


4 S6.03 DETAIL 1 1/2" = 1'-0"

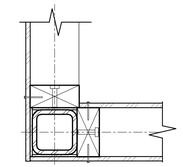


ELEVATION

1 S6.03 DETAIL 1 1/2" = 1'-0"



SECTION B-B



SECTION A-A



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1 1/2" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

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BY _____ PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	**S6.03**
	SHEET OF

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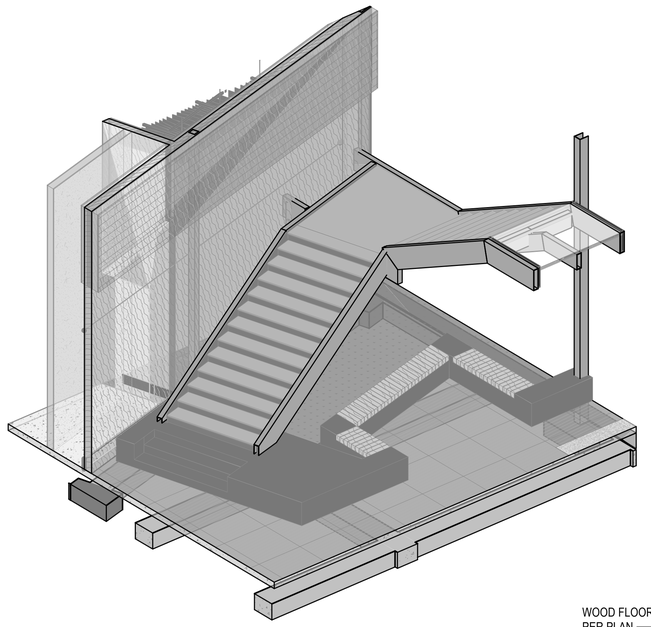
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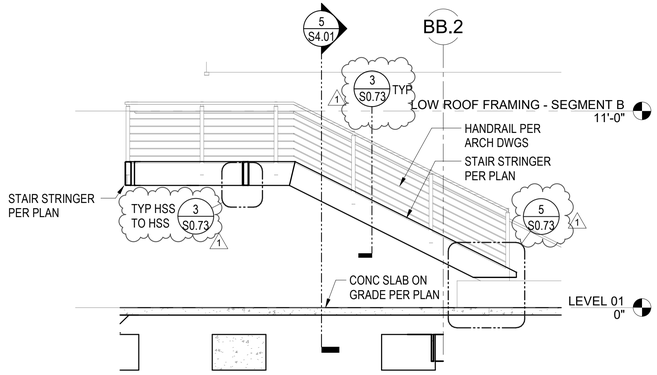
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ADDENDUM 1

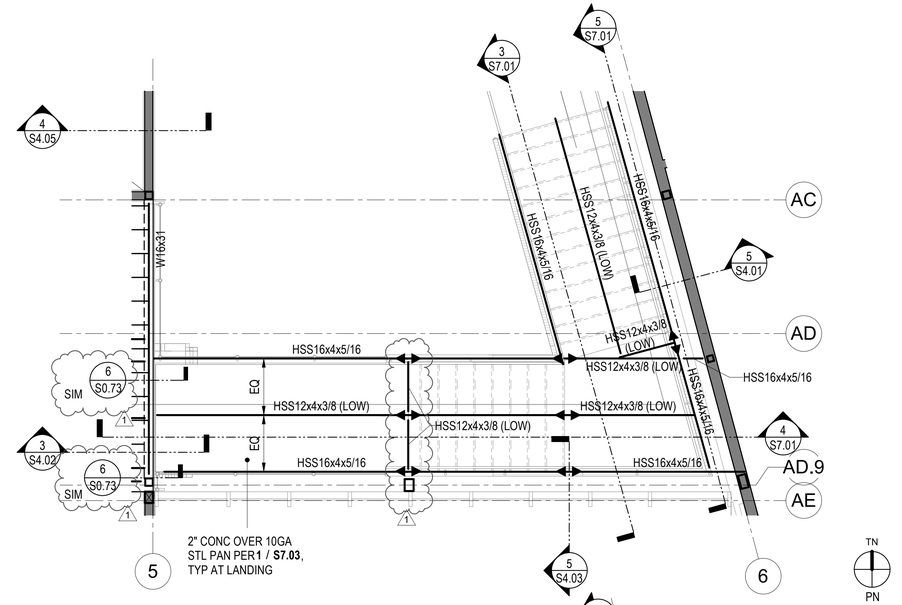
SANTEE COMMUNITY CENTER - STAIR PLAN & ELEVATION AND DETAILS



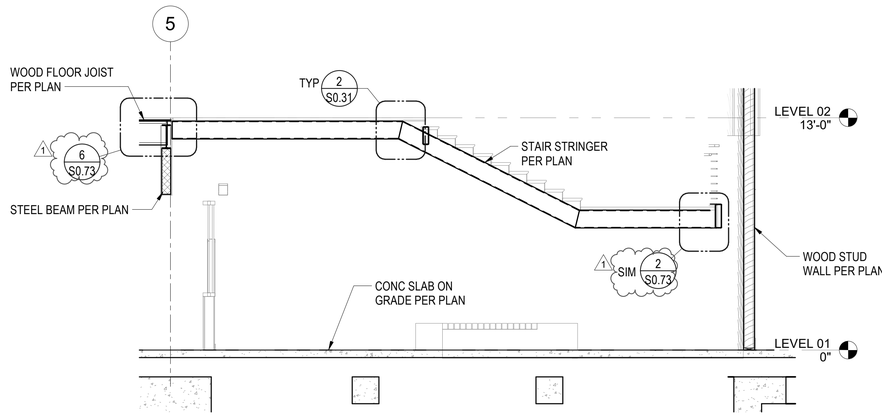
A S7.01 3D - STAIRS



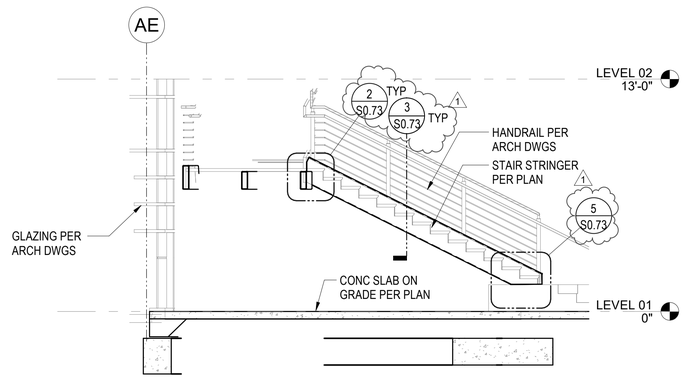
5 S7.01 STAIR SECTION 1/4" = 1'-0"



5

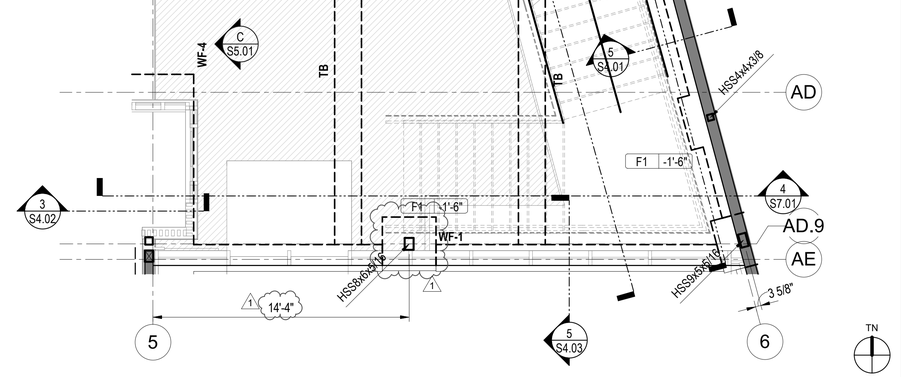


4 S7.01 STAIR SECTION 1/4" = 1'-0"



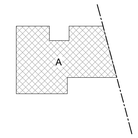
3 S7.01 STAIR SECTION 1/4" = 1'-0"

2 S7.01 ENLARGED STAIR FRAMING PLAN 1/4" = 1'-0"



1 S7.01 ENLARGED STAIR FOUNDATION PLAN 1/4" = 1'-0"

KEY PLAN:



REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP: 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1/4" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

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BY _____ PROJECT ENGINEER

CITY OF SANTEE DEPARTMENT OF DEVELOPMENT SERVICES

IMPROVEMENT PLANS FOR:

SANTEE COMMUNITY CENTER

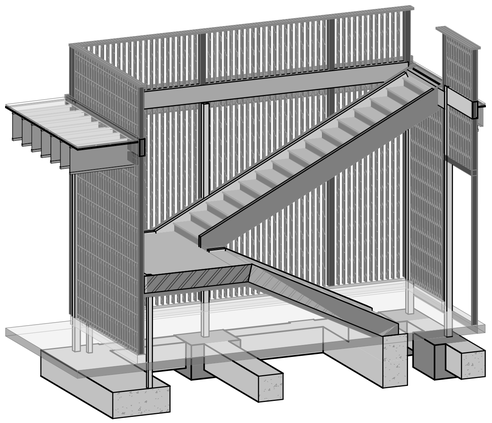
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CIP 2018-31	**S7.01**
	SHEET OF

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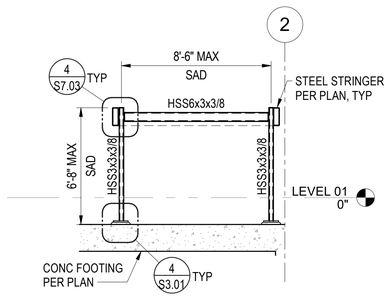
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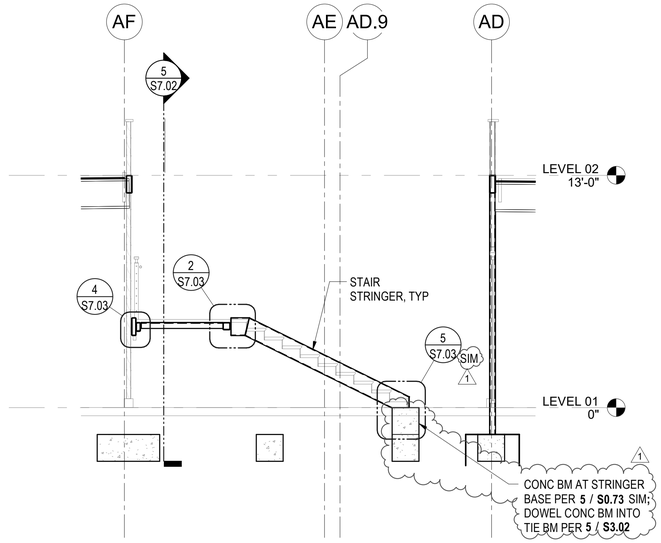
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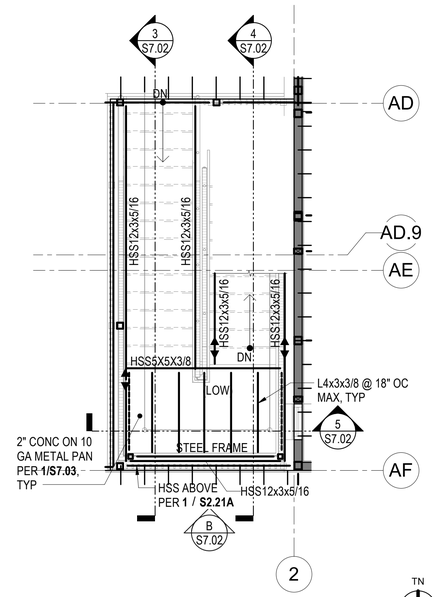
A S7.02 3D - STAIRS



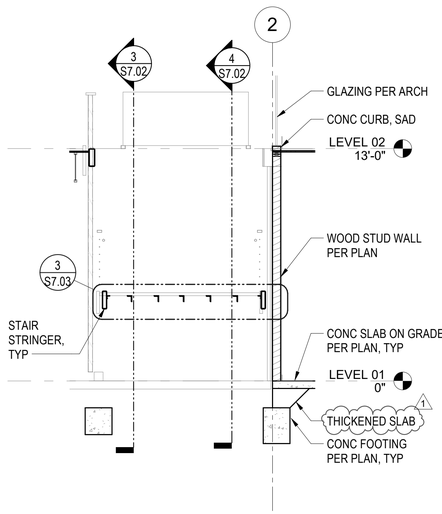
B S7.02 STAIR LANDING OMF ELEVATION
1/4" = 1'-0"



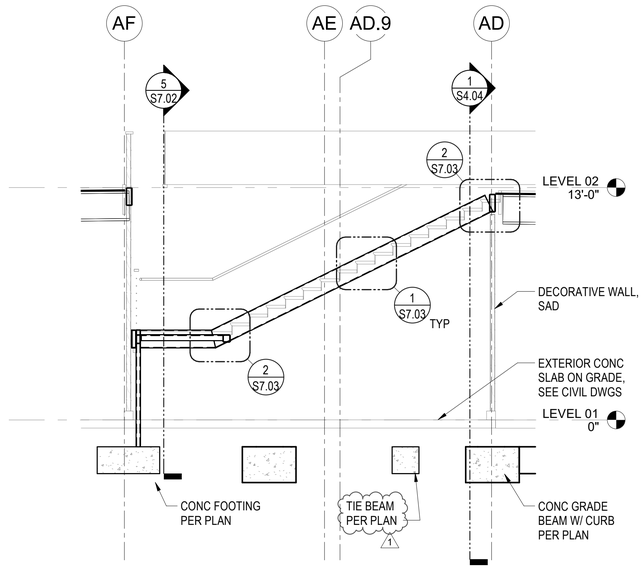
4 S7.02 STAIR SECTION
1/4" = 1'-0"



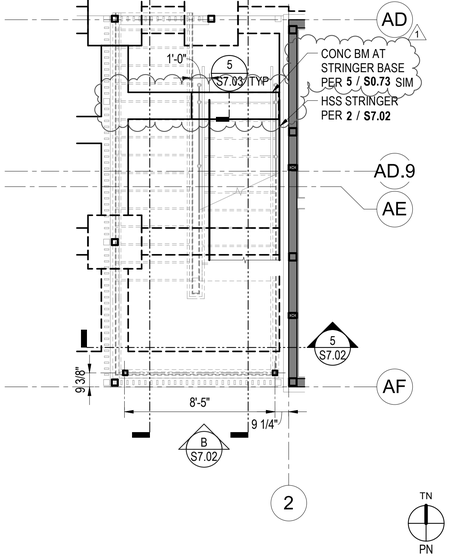
2 S7.02 ENLARGED STAIR FRAMING PLAN
1/4" = 1'-0"



5 S7.02 STAIR SECTION
1/4" = 1'-0"



3 S7.02 STAIR SECTION
1/4" = 1'-0"



1 S7.02 ENLARGED EXIT STAIR FOUNDATION PLAN
1/4" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:				1 ADDENDUM 01 09/26/2025	
INSPECTOR:					
DATE COMPLETED					

BENCH MARK

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 1/4" = 1'-0"	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E. DATE 04/30/2025		
	RCE NO. S4892 EXPIRES 12/31/2026		

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BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.: CIP 2018-31

DRAWING NO.: **S7.02**
SHEET OF

SANTEE COMMUNITY CENTER - STAIR PLAN & ELEVATION AND DETAILS

ADDENDUM 1

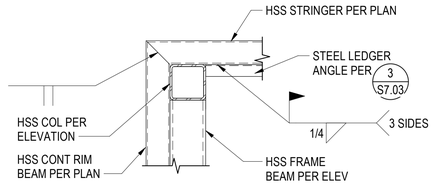
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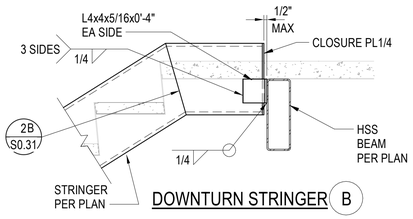
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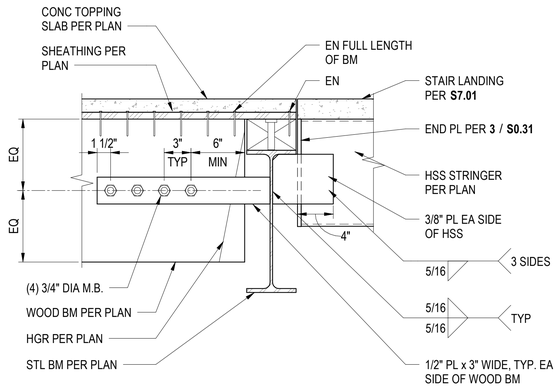
ADDENDUM 1

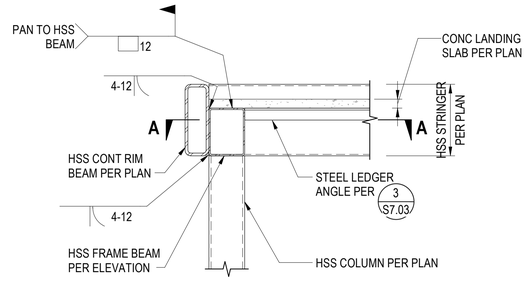


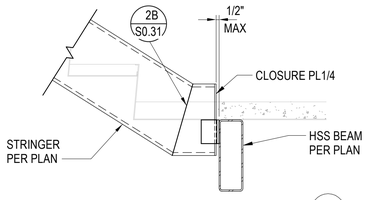
PLAN A-A



DOWNTURN STRINGER (B)



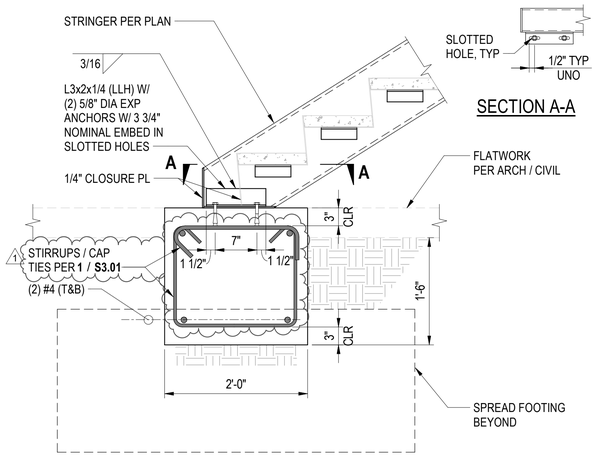




UPTURN STRINGER (A)

NOTE:
FOR REMAINDER OF INFORMATION SEE DETAIL (B)

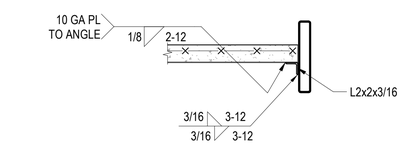
6 S7.03 STAIR DRAG DETAIL
1 1/2" = 1'-0"



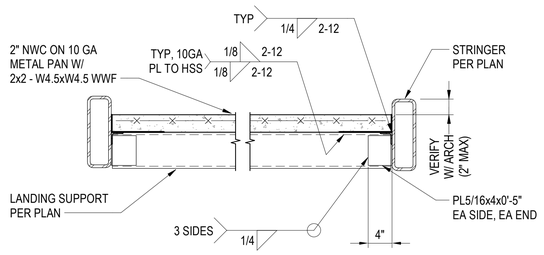
SECTION A-A

5 S7.03 STRINGER BASE CONNECTION
1" = 1'-0"

4 S7.03 STAIR LANDING CORNER DETAIL
1" = 1'-0"

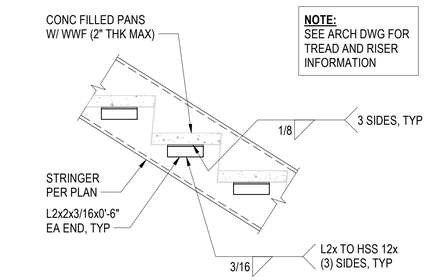


LEDGER ANGLE DETAIL



3 S7.03 INTERMEDIATE LANDING DETAIL
1" = 1'-0"

2 S7.03 STRINGER CONNECTION AT LANDING
1" = 1'-0"



1 S7.03 TYPICAL STAIR RISER SUPPORT DETAIL
1" = 1'-0"

REGISTERED PROFESSIONAL ENGINEER ROBERT H. RANDALL No. S4892 EXP. 12/31/26 STRUCTURAL STATE OF CALIFORNIA

SANTEE COMMUNITY CENTER - STAIR DETAILS

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:				1 ADDENDUM 01 09/26/2025		
INSPECTOR:						
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: As indicated	Designer	Author	Checker
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF ROBERT H. RANDALL, S.E.	DATE 04/30/2025	
	RCE NO. S4892	EXPIRES 12/31/2026	

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.	DRAWING NO.
CIP 2018-31	S7.03
	SHEET OF

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ABBREVIATIONS

-A-	
AV	AUDIO VISUAL, ALARM VALVE
AUX	AUXILIARY
ATS	AUTOMATIC TRANSFER SWITCH
ANN	ANNUNCIATOR
AFF	ABOVE FINISHED FLOOR
AMP	AMPERE
ADDL	ADDITIONAL
APPX	APPENDIX
ARCH	ARCHITECT
ATCH	ATTACHMENT
AUTO	AUTOMATIC
AVG	AVERAGE
AWG	AMERICAN WIRE GAUGE
AIC	AMPERE INTERRUPTING CAPACITY
-B-	
BAS	BUILDING AUTOMATION SYSTEM
BAT	BATTERY
BSTR	BOOSTER
BFF	BELOW FINISH FLOOR
BKGD	BACKGROUND
BLDG	BUILDING
BTWN	BETWEEN
BLW	BELOW / UNDERGROUND
BOT	BOTTOM
BRKR	BREAKER
-C-	
CR	CONTROL RELAY, CARD READER, CASING RELIEF VALVE
CTV	CABLE TELEVISION, CONTROL VALVE
COORD	COORDINATE
CP	CONTROL PANEL, CHROME PLATED
CONN	CONNECT, CONNECTION
CLG	CEILING
CL	CENTER LINE, CLOSE, CLOSET
CH	CHILLER
CD	CONSTRUCTION DOCUMENT, CEILING DIFFUSER
CCTV	CLOSED CIRCUIT TELEVISION
CB	CIRCUIT BREAKER, CATCH BASIN
CAP	CAPACITOR, CAPACITY
CAB	CABINET
CKT	CIRCUIT
CTRL	CONTROL
CS	CONTROL SWITCH
CCT	CORRELATED COLOR TEMPERATURE
-D-	
DS	DISCONNECT SWITCH
DIV	DIVISION
DEMO	DEMOLITION
DDC	DIRECT DIGITAL CONTROL
DC	DIRECT CURRENT
DWG	DRAWING
DEF	DEFINITION
DEG	DEGREE
DEG F	DEGREES FAHRENHEIT
DET	DETAIL
DGTL	DIGITAL
DIAG	DIAGRAM
DIM	DIMENSION
DIR	DIRECTION
DISC	DISCONNECT
DISCH	DISCHARGE
DISTR PNL	DISTRIBUTION PANEL
DMR	DIMMER
(D)	EXISTING TO BE DEMOLISHED
-E-	
EXIST	EXISTING
EPO	EMERGENCY POWER OFF
EMER	EMERGENCY
EA	EACH
EH	ELECTRIC HEATER
EL	ELEVATION, ELEVATOR LOBBY
ELEC	ELECTRIC, ELECTRICAL
EQ	EQUAL
EQUIP	EQUIPMENT
EXCL	EXCLUDE
EXH FN	EXHAUST FAN
(ER)	EXISTING TO BE RELOCATED
(E) / EX	EXISTING TO REMAIN
-F-	
FLEX	FLEXIBLE
FDR	FEEDER
FC	FOOTCANDLE
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FA	FIRE ALARM, FACE, FREE AREA
F	FAHRENHEIT, FIRE SERVICE, FEMALE
FL / FLR	FLOOR
FR	FIRE RATING, FLOOR RECEPTACLE
FREQ	FREQUENCY
FT	FOOT, FEET
FU	FUSE
FU SW	FUSED SWITCH
FUT	FUTURE
FCA	FAULT CURRENT AVAILABLE, FLOOR CONTROL VALVE ASSEMBLY
-G-	
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GEN	GENERATOR
GC	GENERAL CONTRACTOR
G	GROUND, GAS, GREEN
-H-	
HZ	HERTZ
HP	HORSEPOWER
-L-	
LTG	LIGHTING
LV	LOW VOLTAGE
LCP	LIGHTING CONTROL PANEL
-M-	
MV	MEDIUM VOLTAGE
MIN	MINIMUM, MINUTE
MCC	MOTOR CONTROL CENTER
MCB	MAIN CIRCUIT BREAKER
MAX	MAXIMUM
MECH	MECHANICAL
MSB	MAIN SWITCH BOX
-N-	
NO	NORMALLY OPEN, NUMBER
NEUT	NEUTRAL
NC	NORMALLY CLOSED
NTS	NOT TO SCALE
-P-	
PWR	POWER
PNL	PANEL
PH	PHASE
PB	PULL BOX, PUSH BUTTON
P	POLE
-R-	
(R)	REMOVE EXISTING
REC	RECESSED
RECPT	RECEPTACLE
REQD	REQUIRED
RM	ROOM
-S-	
SWGR	SWITCHGEAR
SWBD	SWITCHBOARD
SYS	SYSTEM
SPKR	SPEAKER
SPEC	SPECIFICATION
SECT	SECTION
SD	SMOKE DETECTOR/DAMPER, STORM DRAIN
SCHED	SCHEDULE
-T-	
TYP	TYPICAL
TV	TELEVISION, TURNING VANES
TVSS	TRANSIENT VOLTAGE SURGE SUPRESSOR
TELCOM	TELECOMMUNICATIONS
-U-	
UON	UNLESS OTHERWISE NOTED
UL	UNDERWRITERS LABORATORIES
UTIL	UTILITY
UPS	UNINTERRUPTIBLE POWER SUPPLY
UC	UNDERCOUNTER
UGND	UNDERGROUND
UGPS	UNDERGROUND POWER SUPPLY
-V-	
VOLT	VOLTAGE
VHO	VERY HIGH OUTPUT
VFD	VARIABLE FREQUENCY DRIVE
VA	VOLT AMPERE
V	VOLT, VENT, VIDEO
-W-	
WP	WEATHERPROOF, WORKING PRESSURE
W/	WITH
W	WATT, WIRE, WIDTH, WALL PHONE, WASTE
W/O	WITHOUT
-X-	
XFER	TRANSFER
XFMR	TRANSFORMER

SYMBOLS LEGEND

ANNOTATION

1 VIEW TITLE SCALE: NTS	PLAN TITLE NO. -1
1 E-201 TITLE SCALE: NTS	TITLE MARK DETAIL OR PLAN NO. - 1 FOUND IN E-201
1 E-501	DETAIL REFERENCE DETAIL NO. - 1 FOUND IN E-501
1 E-501	SECTION MARK SECTION NO. - 1 FOUND IN E-501
2 E-201	DETAIL BOUNDARY B DETAIL NO. - 2
1	SHEET KEYNOTE
LP4:12	PANEL:CIRCUIT

POWER OUTLETS

FLR	WALL	CLG	
			DUPLEX
			QUADRUPLEX
			GFCI DUPLEX
	CTR		COUNTERTOP DUPLEX
	WP		WEATHER PROOF DUPLEX
	REF		REFRIGERATOR GFCI DUPLEX
	C		SPLIT WIRE CONTROLLED DUPLEX
	J	J	JUNCTION BOX

LIGHTING

FLR	WALL	CLG	
			RECESSED DOWNLIGHT
			1X4 SURFACE MOUNTED LIGHT
			2X4 SURFACE MOUNTED LIGHT
			4FT WALL MOUNTED LIGHT
			1X4 EMERGENCY LIGHT
			2X4 EMERGENCY LIGHT
			2X4 RECESSED LIGHT

SWITCHES / CONTROLS

FLR	WALL	CLG	
	$T		LIGHT SWITCH - TIME OPERATED
	$		LIGHT SWITCH - SINGLE POLE
	$3		LIGHT SWITCH - THREE WAY
	$K		LIGHT SWITCH - KEY OPERATED
	$P		LIGHT SWITCH - WITH PILOT LIGHT
FLR	WALL	CLG	
	$TO		SWITCH - WITH THERMAL OVERLOAD
	D		DIMMER
	OS		OCCUPANSY SENSOR
	PC		PHOTOCELL
	OR		OVERRIDE SWITCH

POWER

	DISTRIBUTION BOARD
	RECESSED PANEL
	SURFACE MOUNTED PANEL
T	TRANSFORMER
	DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MAGNETIC MOTOR STARTER
	STARTER - DISCONNECT SWITCH
$M	SWITCH - MOTOR RATED
M	MOTOR
R	RELAY
VFD	VARIABLE FREQUENCY DRIVE
PB	PULL BOX
	CABLE TRAY

SINGLE LINE DIAGRAMS

	CIRCUIT BREAKER SWITCH
	BUSDUCT
	SWITCHGEAR BUSWAY
GFR	GROUND FAULT RELAY
A	AMMETER
M	DIGITAL METER UON
	TRANSFORMER - DELTA WYE-GROUNDED
G	GENERATOR
	GROUND BAR
N E L BP	ATS - 4-POLE UON
+ -	BATTERY
XXXXX XXXXX XXXXX XXXXX	PANEL
2000-5+	2000 = AMPACITY 3-NO, 4-SINGLE, 5-DOUBLE = NEUTRAL (+) = ADDITIONAL INFO AS REQUIRED

GROUNDING SYSTEM

	GROUND ROD WITH TEST WELL
	GROUND ROD
	AIR TERMINAL - STRIKE TERMINATION DEVICE, FLAT MTD
	AIR TERMINAL - STRIKE TERMINATION DEVICE, PARAPET MTD
	GROUND, LPS CABLE CONNECTION
	EQUIPMENT CONNECTION

GENERAL NOTES

1. UNLESS LISTED OTHERWISE, THE AMPACITY OF 600 VOLTS OR LESS CONDUCTORS SHALL BE BASED ON THE TERMINALS NOT TO EXCEED 60° C(140°F) FOR CONDUCTOR SIZE 14 THROUGH 1 AWG OR 75°C(167°F) FOR CONDUCTOR SIZES OVER 1AWG.
2. NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE ABOVE THE ELECTRICAL EQUIPMENT.
3. FUSES SHALL BE PROVIDED WITH REJECTION TYPE FUSE HOLDERS.
4. GREEN INSULATED COPPER GROUNDING CONDUCTOR SHALL BE INSTALLED IN ALL BRANCH CIRCUITS AND FEEDERS.
5. ALL EXTERIOR ELECTRICAL EQUIPMENT SHALL BE WEATHERPROOF.
6. PROJECT SPECIFICATIONS ARE AN INTEGRAL PART OF THESE DRAWINGS.
7. CONDUCTORS IN RACEWAYS EXPOSED TO SUNLIGHT ON ROOFS SHALL BE RATED 90 DEGREE CELCIUS TYPE XHHW-2 AND SHALL BE DERATED PER NEC TABLE (310.15B)(2)(c).
8. CONTRACTOR TO SUBMIT FIRE ALARM PLANS TO THE CITY FOR REVIEW AND APPROVAL DEPICTING EXISTING SYSTEM, EXISTING FIRE ALARM PANEL LOCATION, AND NEW DEVICE REQUIREMETNS FOR THE RENOVATED AREAS AND CONNECTIONS TO EXISTING SYSTEM. SUBMITTAL TO INCLUDE VOLTAGE DROP AND BATTERY CALCULATIONS AND INSTALLATION DETAILS INCLUDING CALIFORNIA STATE FIRE MARSHALL APPROVAL NUMBERS FOR THE DEVICES INSTALLED.

1

9. ALL UNDERGROUND CONDUIT SHALL BE A MINIMUM OF 1". ALL ABOVE GROUND AND RACEWAY CONDUIT SHALL BE ¾" MINIMUM

ELECTRICAL SCOPE OF WORK

THE SCOPE OF WORKS CONSISTS OF ELECTRICAL AND LIGHTING FOR A 12,500SQFT COMMUNITY CENTER FOR THE CITY OF SANTEE. THE SCOPE OF THE ELECTRICAL WORK IS POWER DISTRIBUTION FOR HVAC, POWER, LIGHTING, AND PLUMBING. POWER IS DERIVED FROM A SINGLE 480V SDGE TRANSFORMER WITH IT'S OWN METER AND DISTRIBUTED THROUGHOUT THE BUILDING. THE PROJECT CONTAINS A 200KW EMERGENCY GENERATOR THAT PROVIDES 48 HOURS OF BACKUP FOR THE ENTIRE SYSTEM MINUS EV CHARGERS OF WHICH THERE ARE 16 NEW EV CHARGERS WITH CONDUIT PROVISIONS FOR FUTURE.

DEFERRED FIRE ALARM SUBMITTAL NOTE

CONTRACTOR TO SUBMIT FIRE ALARM PLANS TO THE CITY FOR REVIEW AND APPROVAL DEPICTING NEW FIRE ALARM PANEL, LOCATION, AND NEW DEVICE REQUIREMENTS. DESIGN TO INCLUDE VOLTAGE DROP, BATTERY CALCULATIONS, AND INSTALLATION DETAILS INCLUDING CALIFORNIA STATE FIRE MARSHALL APPROVAL NUMBERS FOR THE DEVICES INSTALLED. DESIGN TO BE STAMPED BY A REGISTERED FIRE PROTECTION ENGINEER IN THE STATE OF CALIFORNIA.

DEFERRED BUILDING PV-BATTERY SUBMITTAL NOTE

CONTRACTOR SHALL DESIGN AND INSTALL A PHOTOVOLTAIC SYSTEM WITH INTEGRAL BATTERY PER CALIFORNIA TITLE-24 REQUIREMENTS AS DEPICTED ON THE SINGLE LINE DIAGRAM AND SUBMIT THE PLANS TO THE LOCAL BUILDING DEPARTMENT FOR APPROVAL. THE PLANS SHALL BE STAMPED BY A LICENSED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA. THE DESIGN SHALL COMLY WITH THE CALIFORNIA ELECTRICAL CODE AND APPLICABLE LOCAL CODES AND SHALL CONNECT TO THE BUILDING MAIN SWITCHBOARD.

APPLICABLE CODES

ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH:

2022 CALIFORNIA MECHANICAL CODE (CMC)

2022 CALIFORNIA ELECTRICAL CODE (CEC)

2022 CALIFORNIA BUILDING CODE (CBC)

2022 CALIFRONIA PLUMBING CODE (CPC)

2022 CALIFRONIA ENERGY CODE (CEC)

2022 CALIFRONIA FIRE CODE (CFC)

SHEET INDEX

NO.	TITLE	SCALE
E0.00	ELECTRICAL COVER SHEET	NONE
E0.01	ELECTRICAL SCHEDULES	NONE
E0.02A	LUMINAIRE SCHEDULES	NONE
E0.02B	LUMINAIRE SCHEDULES	NONE
E0.03	TITLE 24 COMPLIANCE	NONE
E0.04	TITLE 24 COMPLIANCE	NONE
E0.05	TITLE 24 COMPLIANCE	NONE
E0.06	SINGLE LINE DIAGRAM	NONE
E1.21	ELECTRICAL SITE LIGHTING PLAN	1" = 30'-0"
E1.22	ELECTRICAL SITE LIGHTING PHOTOMETRIC PLAN	1" = 30'-0"
EP1.21	ELECTRICAL POWER SITE PLAN	1" = 30'-0"
EL2.11A	ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT A - FLOOR PLAN	3/16" = 1'-0"
EL2.11B	ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT B - FLOOR PLAN	3/16" = 1'-0"
EL2.21A	ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT A - FLOOR PLAN	3/16" = 1'-0"
EL2.21B	ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT B - FLOOR PLAN	3/16" = 1'-0"
EP2.11A	ELECTRICAL POWER 1ST FLOOR - SEGMENT A - FLOOR PLAN	3/16" = 1'-0"
EP2.11B	ELECTRICAL POWER 1ST FLOOR - SEGMENT B - FLOOR PLAN	3/16" = 1'-0"
EP2.21A	ELECTRICAL POWER 2ND FLOOR - SEGMENT A - FLOOR PLAN	3/16" = 1'-0"
EP2.31A	ELECTRICAL POWER ROOF PLAN - SEGMENT A	3/16" = 1'-0"
EP2.31B	ELECTRICAL POWER ROOF PLAN - SEGMENT B	3/16" = 1'-0"
EL3.11A	ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT A - REFLECTED CEILING PLAN	3/16" = 1'-0"
EL3.11B	ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT B - REFLECTED CEILING PLAN	3/16" = 1'-0"
EL3.12A	ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT A - PHOTOMETRIC PLAN	3/16" = 1'-0"
EL3.12B	ELECTRICAL LIGHTING 1ST FLOOR - SEGMENT B - PHOTOMETRIC PLAN	3/16" = 1'-0"
EL3.13A	1ST FLOOR - SEGMENT A - PHOTOMETRIC PLAN - EMERGENCY EGRESS	3/16" = 1'-0"
EL3.13B	1ST FLOOR - SEGMENT B - PHOTOMETRIC PLAN - EMERGENCY EGRESS	3/16" = 1'-0"
EL3.21A	ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT A - REFLECTED CEILING PLAN	3/16" = 1'-0"
EL3.22A	ELECTRICAL LIGHTING 2ND FLOOR - SEGMENT A - PHOTOMETRIC PLAN	3/16" = 1'-0"
EL3.23A	2ND FLOOR - SEGMENT A - PHOTOMETRIC PLAN - EMERGENCY EGRESS	3/16" = 1'-0"
E4.02	ELECTRICAL LIGHTING ELEVATIONS	AS NOTED
EL4.01	ELECTRICAL LIGHTING ELEVATIONS	AS NOTED
E4.01	ELECTRICAL ENLARGED PLAN	AS NOTED
E6.01	ELECTRICAL DETAILS	NONE
E6.02	ELECTRICAL DETAILS	NONE
E6.03	ELECTRICAL DETAILS	NONE
E7.01	PANEL SCHEDULES	NONE
E7.02	PANEL SCHEDULES	NONE
E7.03	PANEL SCHEDULES	NONE

100% CONSTRUCTION DOCUMENTS - 01/12/2024

ADDENDUM 1

SANTEE COMMUNITY CENTER - ELECTRICAL COVER SHEET

REGISTERED PROFESSIONAL ENGINEER SEAN MARCEL GIL No. E21370 EX. 03/31/2026 ELECTRICAL STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2025	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:		09/25/2025	GM	ADDENDUM 1	
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 12" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED _____
BY _____ PROJECT ENGINEER

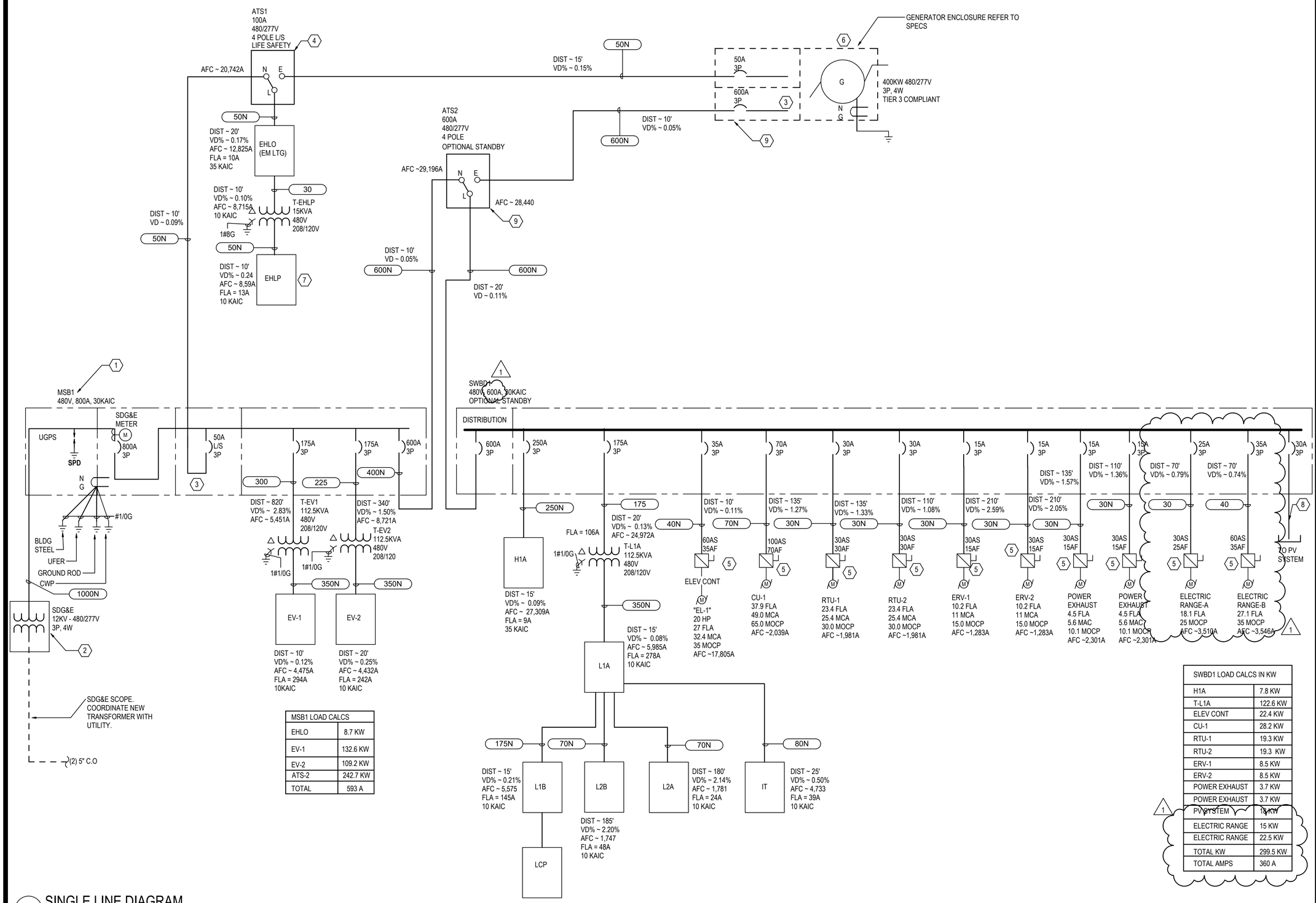
CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.

DRAWING NO.
E0.00
SHEET OF

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If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



MSB1 LOAD CALCS	
EHLO	8.7 KW
EV-1	132.6 KW
EV-2	109.2 KW
ATS-2	242.7 KW
TOTAL	593 A

SWBD1 LOAD CALCS IN KW	
H1A	7.8 KW
T-L1A	122.6 KW
ELEV CONT	22.4 KW
CU-1	28.2 KW
RTU-1	19.3 KW
RTU-2	19.3 KW
ERV-1	8.5 KW
ERV-2	8.5 KW
POWER EXHAUST	3.7 KW
POWER EXHAUST	3.7 KW
PV SYSTEM	19 KW
ELECTRIC RANGE	15 KW
ELECTRIC RANGE	22.5 KW
TOTAL KW	299.5 KW
TOTAL AMPS	360 A

1 SINGLE LINE DIAGRAM
SCALE: 12" = 1'-0"

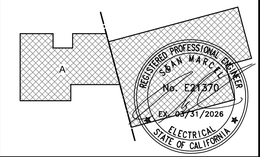
Keynotes:

1. 30KAIC PER SDG&E SERVICE STANDARD AND GUIDES SHEET SG 006.2 TABLE 2.
2. PER SDG&E REQUIREMENTS THE PAD SIZE ON SITE NEED TO HAVE 8" CLEARANCE IN THE FRONT AND 3" CLEARANCE ON THE SIDE.
3. PROVIDE SEPARATE BARRIER COMPARTMENT FOR LIFE SAFETY CIRCUIT BREAKER.
4. PER NEC ARTICLE 700 SECTION 700.5.(E) LIFE SAFETY ATS IS REQUIRED.
5. MECHANICAL CONTRACTOR TO CONFIRM IF MECHANICAL UNITS ARE PROVIDED WITH INTERNAL DISCONNNECTS. IF CONFIRMED, ADDITIONAL DISCONNECTS ARE NOT REQUIRED.
6. PER CEC 445.18, EMERGENCY STOP SWITCH SHALL BE LOCATED OUTSIDE GENERATOR ENCLOSURE. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER FOR EXACT LOCATION.
7. PROVIDE RATED SPD DEVICE FOR THE PANEL. REFER TO PANEL SCHEDULE FOR THE PANEL RATING.
8. BASIS OF DESIGN IS "3#10 + 1#12G IN 2" C" TO AN 18KW DESIGN BUILT SOLAR SYSTEM ON THE ROOF. DESIGN DETAILS PROVIDING THE NUMBER OF SOLAR PANELS, INVERTERS, CHARGE CONTROLLERS, AND BATTERY STORAGE SYSTEM, AND WIRE SIZE SHALL BE PROVIDED BY THE CONTRACTOR.
9. CONTROL WIRING BETWEEN ATS AND GENERATOR IN A SEPARATE CONDUIT.

Notes:

1. ATS'S SHALL PROVIDE A SHUNT TRIP CIRCUIT CLOSURE TO TRIP THE PV-BATTERY BREAKER UPON LOSS OF NORMAL POWER.
2. A MINIMUM OF 42 KA SWITCH RATING NEEDS TO BE BASED OFF OF KA RATING PER OUR DESIGN. MANUFACTURER SPECIFIC BREAKERS.

KEY PLAN:



CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2025	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:		09/25/2025	GM	ADDENDUM 1	
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ: 12" = 1'-0"
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. _____ DATE _____ EXPIRES _____

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.

DRAWING NO.
E0.06
SHEET OF

100% CONSTRUCTION DOCUMENTS - 01/12/2024

ADDENDUM 1

SANTEE COMMUNITY CENTER - SINGLE LINE DIAGRAM

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-E-Santee Community Center-R20.rvt

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DISTRIBUTION PANEL: MSB1

LOCATION: ELECTRICAL 104 | **VOLTAGE:** 480/277 Wye | **NEW/EXISTING:** Phase 1 | **MAIN:** 800 A
FED FROM: UTILITY XFMR | **PHASE / WIRE:** 3 PH / 4 W | **BRACING (AMPS):** 42KAIC | **BUS RATING:** 800 A
BRANCH: | **NEMA:** | **AVAILABLE FAULT CURRENT:** 30,000A | **MOUNTING:**

CKT NO	CIRCUIT DESCRIPTION	POLE	FRAME	TRIP	LOAD (kVA)	REMARKS
1					4,366 VA	
2	ATS1	3	400 A	250 A	2,948 VA	
3					592 VA	
4					109,210 VA	
5	ATS2	3	600 A	500 A	84,583 VA	
6					86,827 VA	
7					37,440 VA	
8	T-EV-1	3	225 A	175 A	34,320 VA	
9					34,320 VA	
10					31,200 VA	
11	T-EV-2	3	225 A	175 A	31,200 VA	
12					24,960 VA	
13	SPARE	1	400 A	20 A	0 VA	
14	SPARE	1	400 A	20 A	0 VA	
15	SPARE	1	400 A	20 A	0 VA	
16	SPARE	1	400 A	20 A	0 VA	
17	SPARE	1	400 A	20 A	0 VA	
18	SPARE	1	400 A	20 A	0 VA	
19	SPARE	1	400 A	20 A	0 VA	
20	SPARE	1	400 A	20 A	0 VA	
21	SPARE	1	400 A	20 A	0 VA	
22	SPARE	1	400 A	20 A	0 VA	
23	SPARE	1	400 A	20 A	0 VA	
24	SPARE	1	400 A	20 A	0 VA	
					TOTAL (kVA)	481,964.34

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
L	9,353 VA	11 A	125.00%	11,691 VA	14 A
R	73,990 VA	89 A	56.76%	41,995 VA	51 A
M	4,014 VA	5 A	107.16%	4,302 VA	5 A
C	185,740 VA	223 A	125.00%	232,175 VA	279 A
P	212 VA	0 A	100.00%	212 VA	0 A
EV CHARGERS	193,590 VA	233 A	125.00%	241,988 VA	291 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING | R = RECEPTACLE
H = HEATING | M = MOTOR
C = CONTINUOUS | N = NON-CONTINUOUS
E = ELEVATOR

	CONNECTED VA / AMPS		DEMAND VA / AMPS	
TOTAL	481,964 VA	580 A	547,418 VA	658 A

NOTES:

DISTRIBUTION PANEL: SWBD1

LOCATION: ELECTRICAL 104 | **VOLTAGE:** 480/277 Wye | **NEW/EXISTING:** Phase 1 | **MAIN:** 600 A
FED FROM: ATS2 | **PHASE / WIRE:** 3 PH / 4 W | **BRACING (AMPS):** 42KAIC | **BUS RATING:** 600 A
BRANCH: | **NEMA:** TYPE 1 | **AVAILABLE FAULT CURRENT:** 30,000A | **MOUNTING:** SURFACE

CKT NO	CIRCUIT DESCRIPTION	POLE	FRAME	TRIP	Load	REMARKS
1					2,297 VA	
2	H1A	3	400 A	250 A	2,310 VA	
3					1,676 VA	
4					56,438 VA	
5	T-L1A	3	225 A	175 A	31,837 VA	
6					34,731 VA	
7					7,473 VA	
8	L1 MACHINE ROOM 115 ELEVATOR FUSE DISCONNECTS	3	100 A	35 A	7,473 VA	
9					7,473 VA	
10					9,384 VA	
11	ROOFTOP CU-1	3	100 A	70 A	9,384 VA	
12					9,384 VA	
13					6,477 VA	
14	ROOFTOP RTU-1	3	100 A	30 A	6,477 VA	
15					6,477 VA	
16					6,477 VA	
17	ROOFTOP RTU-2	3	100 A	30 A	6,477 VA	
18					6,477 VA	
19					2,823 VA	
20	ROOFTOP ERV-1	3	100 A	15 A	2,823 VA	
21					2,823 VA	
22					2,823 VA	
23	ROOFTOP ERV-2	3	100 A	15 A	2,823 VA	
24					2,823 VA	
25					1,246 VA	
26	ROOFTOP POWER EXHAUST	3	100 A	15 A	1,246 VA	
27					1,246 VA	
28					1,246 VA	
29	ROOFTOP POWER EXHAUST	3	100 A	15 A	1,246 VA	
30					1,246 VA	
31					5,016 VA	
32	ELECTRIC RANGE - A	3	100 A	25 A	5,016 VA	
33					5,016 VA	
34					7,510 VA	
35	ELECTRIC RANGE - B	3	100 A	35 A	7,510 VA	
36					7,510 VA	
37	SPARE	1	400 A	20 A	0 VA	
38	SPARE	1	400 A	20 A	0 VA	
39	SPARE	1	400 A	20 A	0 VA	
40					0 VA	
41	PV INPUT BREAKER	3	400 A	100 A	0 VA	
42					0 VA	
					TOTAL (kVA)	280,618.49

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
L	6,246 VA	8 A	125.00%	7,808 VA	9 A
R	72,910 VA	88 A	56.86%	41,455 VA	50 A
M	4,014 VA	5 A	107.16%	4,302 VA	5 A
C	185,740 VA	223 A	125.00%	232,175 VA	279 A
P	212 VA	0 A	100.00%	212 VA	0 A
EV CHARGERS	150 VA	0 A	125.00%	188 VA	0 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING | R = RECEPTACLE
H = HEATING | M = MOTOR
C = CONTINUOUS | N = NON-CONTINUOUS
E = ELEVATOR

	CONNECTED VA / AMPS		DEMAND VA / AMPS	
TOTAL	280,618 VA	338 A	297,471 VA	358 A

NOTES:

PANEL: H1A

LOCATION: ELECTRICAL 104 | **VOLTAGE:** 480/277 Wye | **NEW/EXISTING:** Phase 1 | **MAIN:** 250 A MCB
FED FROM: SWBD1 | **PHASE / WIRE:** 3PH / 4W | **BRACING (AMPS):** 35KAIC | **BUS RATING:** 250 A
BRANCH: | **NEMA:** Type 1 | **AVAILABLE FAULT CURRENT:** 27,309A | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A (kVA)	B (kVA)	C (kVA)	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	L	20 A	1	L1 RCP OUTDOOR CANOPY LIGHTING	0.43 / 0.27			L1 & L2 ELEC 104, & KITCHEN 102 LGHTING	1	20 A	L	2
3	L	20 A	1	L1 RCP OUTDOORS UNDER CANOPY LT		0.18 / 1.06		L1 KITCHEN 102 LIGHTING	1	20 A	L;...	4
5	L	20 A	1	L1 EVENT CENTER 101 REMOTE POWER...			0.06 / 0.16	L1 MACHINE, RR'S, JANITORS, LOBBY,...	1	20 A	L	6
7	L	20 A	1	L1 RCP OPEN OFFICE 110, OFFICE 111,...	0.01 / 0.46			L1 OPEN OFFICE 110, CIRC 109 LIGHTING	1	20 A	L	8
9	L	20 A	1	L1 RCP EVENT CENTER 101 LIGHITNG		0.02 / 0.01		L2 RCP OUTDOOR & MULTI-PURPOSE 200	1	20 A	L	10
11	L	20 A	1	L1 RCP OUTDOOR CANOPY LTG			0.02 / 0.43	L2 RCP CIRCULATION 205	1	20 A	L	12
13	L	20 A	1	L1 RCP CIRC 109 EM LIGHTS	0.02 / 1.00			L2 RCP CIRC 205 LIGHTS	1	20 A	L;...	14
15	L	20 A	1	L1 OUTDOOR REMOTE POWER SUPPLY...		0.04 / 0.98		LIGHTING SITE PLAN POLE LIGHTS	1	20 A	L	16
17	L	20 A	1	L1 LOBBY/OPENOFFICE REMOTE PWR...			0.01 / 1.03	LIGHTING SITE PLAN POLE LIGHTS	1	20 A	L;...	18
19	L	20 A	1	L1 CIRC 109 REMOTE POWER SUPPLY 12V	0.06 / 0.05			L1 OUTDOOR REMOTE POWER SUPPLY...	1	20 A	L	20
21	L	20 A	1	L1 OUTDOOR REMOTE POWER SUPPLY...		0.06 / 0.01		L1 OUTDOOR REMOTE POWER SUPPLY...	1	20 A	L	22
23	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	24
25	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	26
27	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	28
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36
37	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	38
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42
					2.30 kVA	2.31 kVA	1.68 kVA					

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
L	6,246 VA	8 A	125.00%	7,808 VA	9 A
Lighting	0 VA	0 A	0.00%	0 VA	0 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING | R = RECEPTACLE
H = HEATING | M = MOTOR
C = CONTINUOUS | N = NON-CONTINUOUS
E = ELEVATOR | K = KITCHEN

	CONNECTED VA / AMPS		DEMAND VA / AMPS	
TOTAL	6,246 VA	8 A	7,808 VA	9 A
SPARE	0 VA	0 A	0 VA	0 A
TOTAL +...	6,246 VA	8 A	7,808 VA	9 A

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: EHLD

LOCATION: ELECTRICAL 104 | **VOLTAGE:** 120/208 Wye | **NEW/EXISTING:** Phase 1 | **MAIN:** 50 A MLO
FED FROM: T-EHLP | **PHASE / WIRE:** 3PH / 4W | **BRACING (AMPS):** 10KAIC | **BUS RATING:** 100 A
BRANCH: | **NEMA:** Type 1 | **AVAILABLE FAULT CURRENT:** 859A | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A (kVA)	B (kVA)	C (kVA)	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	N	40 A	2	AUXILIARY PANEL	1.80 / 0.36			L1 TELECOM ROOM RECEPTACLE	1	20 A	R	2
3						1.80 / 0.18		L2 ELEVATOR 113 HOISTWAY...	1	20 A	R	4
5	N	20 A	1	L1 ELECTRICAL ROOM 104 FACP			0.10 / 0.36	L1 ELEV. 114 PIT REC	1	20 A	R	6
7	R	20 A	1	L1 ELEV MACHINE ROOM 115 REC	0.18 / 0.00			SPARE	1	20 A	--	8
9	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	10
11	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	12
13	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	14
15	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	16
17	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	18
19	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	20
21	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	22
23	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	24
					2.34 kVA	1.98 kVA	0.46 kVA					

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
N	3,700 VA	10 A	100.00%	3,700 VA	10 A
R	1,080 VA	3 A	100.00%	1,080 VA	3 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING | R = RECEPTACLE
H = HEATING | M = MOTOR
C = CONTINUOUS | N = NON-CONTINUOUS
E = ELEVATOR | K = KITCHEN

	CONNECTED VA / AMPS		DEMAND VA / AMPS	
TOTAL	4,780 VA	13 A	4,780 VA	13 A

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.
2. PROVIDE PANEL WITH THE RATED SPD DEVICE.

PANEL: EHLP

LOCATION: ELECTRICAL 104 | **VOLTAGE:** 120/208 Wye | **NEW/EXISTING:** Phase 1 | **MAIN:** 50 A MLO
FED FROM: T-EHLP | **PHASE / WIRE:** 3PH / 4W | **BRACING (AMPS):** 10KAIC | **BUS RATING:** 100 A
BRANCH: | **NEMA:** Type 1 | **AVAILABLE FAULT CURRENT:** 859A | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A (kVA)	B (kVA)	C (kVA)	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	L	20 A	1	L1 RR'S,CIRCULATION & EVENT DECK EM	0.58 / 1.28			L1 CIRC, EVENT CENTER, KITCHEN,...	1	20 A	L	2
3	L	20 A	1	L1 OUTDOOR REMOTE POWER SUPPLY...		0.07 / 0.86		L1 OUTDOOR REMOTE POWER SUPPLY...	1	20 A	L	4
5	L	20 A	1	L1 OUTDOOR REMOTE POWER SUPPLY...			0.06 / 0.08	L2 ELEVATOR HOIST WAY LIGHTING	1	20 A	L	6
7	L	20 A	1	L1 ELEVATOR PIT LIGHTING	0.08 / 0.09			SITE LIGHTING PLAN WD2 FIXTURES	1	20 A	L;...	8
9	L	20 A	1	L1 EVENT CENTER 101 REMOTE PWR...		0.04 / 0.00		SPARE	1	20 A	--	10
11	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	12
13	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	14
15	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	16
17	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	18
19	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	20
21	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	22
23	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	24
25	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	26
27	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	28
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36
37	--	20 A	1	SPARE	0.00 / 2.34			Spare; R; N	3	25 A		38
39	--	20 A	1	SPARE		0.00 / 1.98		T-EHLP				40
41	--	--	1	SURGE PROTECTIVE DEVICE			0.00 / 0.46					42
					4.37 kVA	2.95 kVA	0.59 kVA					

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
L	3,126 VA	4 A	125.00%	3,908 VA	5 A
Lighting	0 VA	0 A	0.00%	0 VA	0 A
N	3,700 VA	4 A	100.00%	3,700 VA	4 A
R	1,080 VA	1 A	100.00%	1,080 VA	1 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING | R = RECEPTACLE
H = HEATING | M = MOTOR
C = CONTINUOUS | N = NON-CONTINUOUS
E = ELEVATOR | K = KITCHEN

	CONNECTED VA / AMPS		DEMAND VA / AMPS	
TOTAL	7,906 VA	10 A	8,688 VA	10 A

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

100% CONSTRUCTION DOCUMENTS - 01/12/2024
ADDENDUM 1
SANTEE COMMUNITY CENTER - PANEL SCHEDULES

REGISTERED PROFESSIONAL ENGINEER — SEAN MARCELLO — No. E21370 — EXP. 03/31/2026 — ELECTRICAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2025	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:		09/25/2025	GM	ADDENDUM 1	
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ:
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
RCE NO. ____ DATE ____ EXPIRES ____

REVIEWED ____
BY ____ PROJECT ENGINEER

CITY OF SANTEE | DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.

DRAWING NO. **E7.01**
SHEET OF

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-E-Santee Community Center-R20.rvt
Please Recycle

PANEL: EV-1 | **LOCATION:** | **FED FROM:** T-EV-1 | **BRANCH:** | **VOLTAGE:** 120/208 Wye | **PHASE / WIRE:** 3PH / 4W | **NEMA:** NEMA 3R | **NEW/EXISTING:** | **BRACING (AMPS):** | **AVAILABLE FAULT CURRENT:** Phase 1 10KAIC 4,475A (1) | **MAIN:** 400 A MCB | **BUS RATING:** 400 A | **MOUNTING:** RECESSED

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A	B	C	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	EV CH...	40 A	2	EVCS-1, CS-1:1,3	3.12 / 3.12			EVCS-2, CS-2:6,8,10,12	2	40 A	EV CH...	2
3						3.12 / 3.12						4
5	EV CH...	40 A	2	EVCS-3, CS-4:5,7,9,11			3.12 / 3.12	EVCS-2, CS-3:6,8,10,12	2	40 A	EV CH...	6
7					3.12 / 3.12							8
9	EV CH...	40 A	2	EVCS-3, CS-5:5,7,9,11		3.12 / 3.12		EVCS-4, CS-6:14,16,18,20	2	40 A	EV CH...	10
11							3.12 / 3.12					12
13	EV CH...	40 A	2	EVCS-5, CS-8:13,15,17,19	3.12 / 3.12			EVCS-4, CS-7:14,16,18,20	2	40 A	EV CH...	14
15						3.12 / 3.12						16
17	EV CH...	40 A	2	EVCS-5, CS-9:13,15,17,19			3.12 / 3.12	EVCS-6, CS-10:22,24,26,28	2	40 A	EV CH...	18
19					3.12 / 3.12							20
21	EV CH...	40 A	2	EVCS-7, CS-12:21,23,25,27		3.12 / 3.12		EVCS-6, CS-11:22,24,26,28	2	40 A	EV CH...	22
23							3.12 / 3.12					24
25	EV CH...	40 A	2	EVCS-7, CS-13:21,23,25,27	3.12 / 3.12			EVCS-8, CS-14:30,32,34,36	2	40 A	EV CH...	26
27						3.12 / 3.12						28
29	EV CH...	40 A	2	EVCS-9, CS-16:29,31,33,35			3.12 / 3.12	EVCS-8, CS-15:30,32,34,36	2	40 A	EV CH...	30
31					3.12 / 3.12							32
33	EV CH...	40 A	2	EVCS-9, CS-17:29,31,33,35		3.12 / 0.00		SPARE	1	20 A	--	34
35							3.12 / 0.00	SPARE	1	20 A	--	36
37	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	38
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42
43	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	44
45	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	46
47	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	48
49	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	50
51	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	52
53	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	54
55	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	56
57	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	58
59	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	60
					37.44 kVA	34.32 kVA	34.32 kVA					

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
EV CHARGERS	106,080 VA	294 A	125.00%	132,600 VA	368 A
TOTAL	106,080 VA	294 A		132,600 VA	368 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING	R = RECEPTACLE
H = HEATING	M = MOTOR
C = CONTINUOUS	N = NON-CONTINUOUS
E = ELEVATOR	K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: EV-2 | **LOCATION:** | **FED FROM:** T-EV-2 | **BRANCH:** | **VOLTAGE:** 120/208 Wye | **PHASE / WIRE:** 3PH / 4W | **NEMA:** NEMA 3R | **NEW/EXISTING:** | **BRACING (AMPS):** | **AVAILABLE FAULT CURRENT:** Phase 1 10KAIC 4,432A (1) | **MAIN:** 400 A MCB | **BUS RATING:** 400 A | **MOUNTING:** RECESSED

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A	B	C	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	EV CH...	40 A	2	EVCS-1, CS-1:1,3,5,7	3.12 / 3.12			EVCS-2, CS-3:2,4,6,8	2	40 A	EV CH...	2
3						3.12 / 3.12						4
5	EV CH...	40 A	2	EVCS-1, CS-2:1,3,5,7			3.12 / 3.12	EVCS-2, CS-4:2,4,6,8	2	40 A	EV CH...	6
7					3.12 / 3.12							8
9	EV CH...	40 A	2	EVCS-4, CS-7:9,11,13,15		3.12 / 3.12		EVCS-3, CS-5:10,12,14,16	2	40 A	EV CH...	10
11							3.12 / 3.12					12
13	EV CH...	40 A	2	EVCS-4, CS-8:9,11,13,15	3.12 / 3.12			EVCS-3, CS-6:10,12,14,16	2	40 A	EV CH...	14
15						3.12 / 3.12						16
17	EV CH...	40 A	2	EVCS-5, CS-9:17,19,21,23			3.12 / 3.12	EVCS-6, CS-11:10,12,14,16	2	40 A	EV CH...	18
19					3.12 / 3.12							20
21	EV CH...	40 A	2	EVCS-5, CS-10:17,19,21,23		3.12 / 3.12		EVCS-6, CS-12:10,12,14,16	2	40 A	EV CH...	22
23							3.12 / 3.12					24
25	EV CH...	40 A	2	EVCS-7, CS-13:25,27,26,28	3.12 / 3.12			EVCS-7, CS-14:25,27,26,28	2	40 A	EV CH...	26
27						3.12 / 3.12						28
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36
37	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	38
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42
43	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	44
45	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	46
47	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	48
49	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	50
51	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	52
53	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	54
55	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	56
57	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	58
59	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	60
					31.20 kVA	31.20 kVA	24.96 kVA					

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
EV CHARGERS	87,360 VA	242 A	125.00%	109,200 VA	303 A
TOTAL	87,360 VA	242 A		109,200 VA	303 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING	R = RECEPTACLE
H = HEATING	M = MOTOR
C = CONTINUOUS	N = NON-CONTINUOUS
E = ELEVATOR	K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: IT | **LOCATION:** TELECOM / SERVER ROOM 103 | **FED FROM:** L1A | **BRANCH:** | **VOLTAGE:** 120/208 Wye | **PHASE / WIRE:** 3PH / 4W | **NEMA:** Type 1 | **NEW/EXISTING:** | **BRACING (AMPS):** | **AVAILABLE FAULT CURRENT:** Phase 1 10KAIC 4,733A (1) | **MAIN:** 100 A MCB | **BUS RATING:** 100 A | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A (kVA)	B (kVA)	C (kVA)	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	R	20 A	1	L1 TELECOM 103 & DRY STORAGE 105	1.08 / 0.75			L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE	1	20 A	R	2
3	R	20 A	1	L1 ELECTRICAL ROOM RECEPTACLE		0.36 / 0.75						4
5	R	20 A	2	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE			0.75 / 0.75	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE	1	20 A	R	6
7					0.75 / 0.75							8
9	R	20 A	2	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE		0.75 / 0.75		L1 TELECOM ROOM 103 QUACK RACK RECEPTACLE	1	20 A	R	10
11							0.75 / 0.75					12
13	R	20 A	2	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE	0.75 / 0.75			L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE	1	20 A	R	14
15						0.75 / 0.75						16
17	R	20 A	2	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE			0.75 / 0.75	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE	1	20 A	R	18
19					0.75 / 0.75							20
21	R	20 A	2	L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE		0.75 / 0.75		L1 TELECOM ROOM 103 QUAD RACK RECEPTACLE	1	20 A	R	22
23							0.75 / 0.75					24
25	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	26
27	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	28
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36
37	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	38
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42
					6.33 kVA	5.61 kVA	6.00 kVA					

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
R	17,940 VA	50 A	77.87%	13,970 VA	39 A
TOTAL	17,940 VA	50 A		13,970 VA	39 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING	R = RECEPTACLE
H = HEATING	M = MOTOR
C = CONTINUOUS	N = NON-CONTINUOUS
E = ELEVATOR	K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: L1A | **LOCATION:** ELECTRICAL 104 | **FED FROM:** T-L1A | **BRANCH:** | **VOLTAGE:** 120/208 Wye | **PHASE / WIRE:** 3PH / 4W | **NEMA:** Type 1 | **NEW/EXISTING:** | **BRACING (AMPS):** | **AVAILABLE FAULT CURRENT:** Phase 1 10KAIC 5,985A (1) | **MAIN:** 400 A MCB | **BUS RATING:** 400 A | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A	B	C	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	R	20 A	1	L1 OUTDOOR WP GFCI TV/LIGHTS REC	0.18 / 1.26			L1 STOR. 106, 107, 108 & CIRC 109 REC	1	20 A	R	2
3	R	20 A	1	L1 CIRCULATION 118 RECEPTACLE		0.36 / 1.08		L1 OPEN OFFICE 110 REC	1	20 A	R	4
5	R	20 A	1	L1 EVENT CENTER 101 FLOOR REC			0.72 / 3.00	L1 EVENT CENTER 101 FLOOR REC	2	50 A	R	6
7	R	20 A	1	L1 OUTDOOR DUPLEX REC	0.54 / 3.00							8
9	R	20 A	1	L1 OFFICE 122 RECEPTACLE		0.72 / 0.72		L1 EVENT CENTER 101 FLOOR REC	1	20 A	R	10
11	R	20 A	1	L1 MEN'S 116, WOMEN'S 117 & UNISEX...			0.72 / 0.54	L1 EVENT CENTER 101 REC	1	20 A	R	12
13	R	20 A	1	L1 LOBBY 100 REC	1.08 / 0.90			L1 OPEN OFFICE 110 RECEPTACLE	1	20 A	R	14
15	R	20 A	1	L1 EVENT CENTER 101 REC		0.72 / 1.00		L1 MEN'S RESTROOM 116 HAND DRYER	1	20 A	N	16
17	R	25 A	1	L1 DEDICATED OUTDOOR EVENTS REC			2.40 / 0.90	L1 OFFICE 111 REC	1	20 A	R	18
19	R	20 A	1	L1 KITCHEN 102 REFRIGERATOR REC	1.00 / 2.40			L1 DEDICATED OUTDOOR EVENTS REC	1	25 A	R	20
21	R	20 A	1	L1 KITCHEN 102 FLOOR REC ISLAND SINK		0.18 / 1.00		L1 WOMEN'S 117 HAND DRYER	1	20 A	N	22
23	R	20 A	1	L1 KITCHEN 102 CTR SINK REC			0.36 / 1.00	L1 OPEN OFFICE 110 REFRIGERATOR...	1	20 A	R	24
25	R	20 A	1	L1 KITCHEN 102 WARM FOOD RACK	1.92 / 1.00			L1 REFRIGIRATOR DEDICATED REC	1	20 A	R	26
27	R	20 A	1	L1 STORAGE 106 TMV-1		0.18 / 0.06		L1 KITCHEN 102 MOTORIZED SW...	1	20 A	M	28
29	R	20 A	1	L1 OUTDOOR WP GFCI DUPLEX REC			0.36 / 0.36	L1 KITCHEN 102 CTR SINK REC	1	20 A	R	30
31	R	20 A	1	L1 OPEN OFFICE COUNTER TOP REC	0.36 / 0.18			L1 JANITOR 114 TMV-1	1	20 A	R	32
33	R	20 A	1	L1 EVENT CENTER 101 REC		0.54 / 0.54		L1 EVENT CENTER 101 REC	1	20 A	R	34
35	--	20 A	1	SPARE			0.00 / 0.18	L1 QUAD FLOOR REC FOR EVENTS	2	20 A	R	36
37	--	20 A	1	SPARE	0.00 / 0.18							38
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42
43	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	44
45	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	46
47	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	48
49	Spare; Re...	100 A	3	IT	6.33 / 4.93				3	60 A	Spare; N;...	50
51						5.61 / 4.50		L2B				52
53							6.00 / 5.62					54
55	Spare; Re...	200 A	3	L1B	26.85 / 4.32				3	60 A	Spare; N;...	56
57						11.85 / 2.78		L2A				58
59							10.94 / 1.64					60
					56.44 kVA	31.84 kVA	34.73 kVA					

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
C	34,315 VA	95 A	125.00%	42,894 VA	119 A
M	4,014 VA	11 A	107.16%	4,302 VA	12 A
N	11,044 VA	31 A	100.00%	11,044 VA	31 A
P	212 VA	1 A	100.00%	212 VA	1 A
R	72,910 VA	202 A	56.86%	41,455 VA	115 A
Receptacle	360 VA	1 A	100.00%	360 VA	1 A
EV CHARGERS	150 VA	0 A	125.00%	188 VA	1 A
TOTAL	123,005 VA	341 A		100,454 VA	279 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING	R = RECEPTACLE
H = HEATING	M = MOTOR
C = CONTINUOUS	N = NON-CONTINUOUS
E = ELEVATOR	K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: L1B | **LOCATION:** ELECTRICAL 104 | **FED FROM:** L1A | **BRANCH:** | **VOLTAGE:** 120/208 Wye | **PHASE / WIRE:** 3PH / 4W | **NEMA:** Type 1 | **NEW/EXISTING:** | **BRACING (AMPS):** | **AVAILABLE FAULT CURRENT:** Phase 1 10KAIC 5,575A (1) | **MAIN:** 200 A MLO | **BUS RATING:** 225 A | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A	B	C	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	N	15 A	2	L1 KITCHEN 102 FCU 1-7	0.30 / 1.56			L1 OPEN OFFICE 110 BRANCH SELECTOR 1-1	2	20 A	N	2
3						0.30 / 1.56						4
5	N	15 A	2	L1 CIRCULATION 109 FCU 1-2			0.26 / 0.26	L1 KITCHEN 102 FCU 1-6	2	15 A	N	6
7					0.26 / 0.26							8
9	N	20 A	1	L1 ELECTRICAL ROOM 104 LCP		0.10 / 2.40		L1 MACHINE 115 ELEVATOR FUSE	1	20 A	C	10
11	P	20 A	1	L1 RR 116, 117 & JANITOR 114 TP-1			0.02 / 2.40	L1 MACHINE 115 ELEVATOR FUSE	1	20 A	C	12
13	N	15 A	2	L1 CIRCULATION 109 FCU 1-5	0.16 / 16.80			L1 JANITOR 114 CP-1 & STORAGE 106 CP-1	1	20 A	R	14
15						0.16 / 0.01		KITCHEN 102 & DRY STORAGE 105 TP-1	1	20 A	P	16
17	R	20 A	1	L1 CIRCULATION 109 DF-1			0.37 / 0.17					18
19	M;...	20 A	1	L1 VAV'S 1-11-2,1-4,1-5,1-6	0.25 / 0.17			L1 OPEN OFFICE 110 FCU 1-4	2	15 A	N	20
21	EV...	20 A	1	SITE CONNECTION FOR GATE OPENER		0.10 / 0.12		L1 SEGMANT A & B FIRE SMOKE DAMPER	1	20 A	P	22
23	--	20 A	1	SPARE			0.00 / 0.36	GEN YARD - RECEPTACLES	1	20 A	Rec...	24
25	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	26
27	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	28
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36
37					3.00 / 4.10							38
39	C	30 A	3	L1 STOR. 106 WATER HEATER 2		3.00 / 4.10		L1 JANITOR 114 WATER HEATER 1	3	50 A	C	40
41							3.00 / 4.10					42
					26.85 kVA	11.85 kVA	10.94 kVA					

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
C	26,100 VA	72 A	125.00%	32,625 VA	91 A
M	200 VA	1 A	106.25%	213 VA	1 A
N	5,508 VA	15 A	100.00%	5,508 VA	15 A
P	152 VA	0 A	100.00%	152 VA	0 A
R	17,170 VA	48 A	79.12%	13,585 VA	38 A
Receptacle	360 VA	1 A	100.00%	360 VA	1 A
EV CHARGERS	150 VA	0 A	125.00%	188 VA	1 A
TOTAL	49,640 VA	138 A		52,630 VA	146 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING	R = RECEPTACLE
H = HEATING	M = MOTOR
C = CONTINUOUS	N = NON-CONTINUOUS
E = ELEVATOR	K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

PANEL: L2A | **LOCATION:** STORAGE 201 | **FED FROM:** L1A | **BRANCH:** | **VOLTAGE:** 120/208 Wye | **PHASE / WIRE:** 3PH / 4W | **NEMA:** Type 1 | **NEW/EXISTING:** | **BRACING (AMPS):** | **AVAILABLE FAULT CURRENT:** Phase 1 10KAIC 1,781A (1) | **MAIN:** 60 A MCB | **BUS RATING:** 100 A | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A (kVA)	B (kVA)	C (kVA)	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	R	20 A	1	L2 STOR 201, RR 202, RR 203 & CON 204	0.72 / 0.72			L2 MULTI-PURPOSE ROOM 200 REC	1	20 A	R	2
3	R	20 A	1	L2 CIRCULATION 205		0.36 / 0.72		L2 MULTI-PURPOSE ROOM 200 FLOOR...	1	20 A	R	4
5	R	20 A	1	L2 DECK EVENT 238			0.54 / 0.54	L2 MULTI-PURPOSE ROOM 200 REC	1	20 A	R	6
7	R	20 A	1	L2 EVENT DECK 238 CEILING REC	0.54 / 1.26			ROOF TOP MECHANICAL EQUIPMENT REC	1	20 A	R	8
9	C	15 A	2	L2 CIRCULATION 205 FCU 2-3		0.11 / 0.15		L1 MENS RR 116 FCU 1-1	2	15 A	N	10
11							0.11 / 0.15					12
13	R	20 A	1	L2 EVENT DECK 238 WP GFCI REC	0.90 / 0.18			L2 EVENT DECK 238 TV/LIGHTS WP REC	1	20 A	R	14
15	R	20 A	1	L2 OUTDOOR BEAM EXTERIOR REC		1.08 / 0.36		L2 CONCESSION 204 SINK GFCI REC	1	20 A	R	16
17	R	20 A	1	L2 CONCESSION 204 UNDR BAR REF REC			0.12 / 0.18	L2 CONCESSION 204 ICE MAKER REC	1	20 A	R	18
19	M	20 A	1	L2 CONCESSION 204 DISH WASHER	0.00 / 0.00			SPARE	1	20 A	--	20
21	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	22
23	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	24
25	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	26
27	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	28
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36
37	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	38
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42
					4.32 kVA	2.78 kVA	1.64 kVA					

LOAD CLASSIFICATION	CONNECTED VA / AMPS		DEMAND %	DEMAND VA / AMPS	
C	229 VA	1 A	125.00%	286 VA	1 A
M	0 VA	0 A	0.00%	0 VA	0 A
N	291 VA	1 A	100.00%	291 VA	1 A
R	8,220 VA	23 A	100.00%	8,220 VA	23 A
TOTAL	8,740 VA	24 A		8,797 VA	24 A
SPARE	0 VA	0 A		0 VA	0 A
TOTAL +...	8,740 VA	24 A		8,797 VA	24 A

LOAD CLASSIFICATIONS - CODE LEGEND

L = LIGHTING	R = RECEPTACLE
H = HEATING	M = MOTOR
C = CONTINUOUS	N = NON-CONTINUOUS
E = ELEVATOR	K = KITCHEN

NOTES: 1. ALL SPARE BREAKERS SHALL BE 20A, UNLESS OTHERWISE NOTED.

REGISTERED PROFESSIONAL ENGINEER — SEAN MARCEL — No. E21370 — EXP. 03/31/2026 — ELECTRICAL — STATE OF CALIFORNIA

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS	
CONTRACTOR:		01/12/2025	JL	100% CONSTRUCTION DOCUMENTS	
INSPECTOR:		09/25/2025	GM	ADDENDUM 1	
DATE COMPLETED					

BENCH MARK

SCALE
HORIZ:
VERT:

DESIGNED BY	DRAWN BY	CHECKED BY
RF	GM	TS

PLANS PREPARED UNDER THE SUPERVISION OF
DATE
RCE NO. EXPIRES

REVIEWED
BY PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.

DRAWING NO. **E7.02**
SHEET OF

SANTEE COMMUNITY CENTER - PANEL SCHEDULES

100% CONSTRUCTION DOCUMENTS - 01/12/2024

ADDENDUM 1

Please Recycle

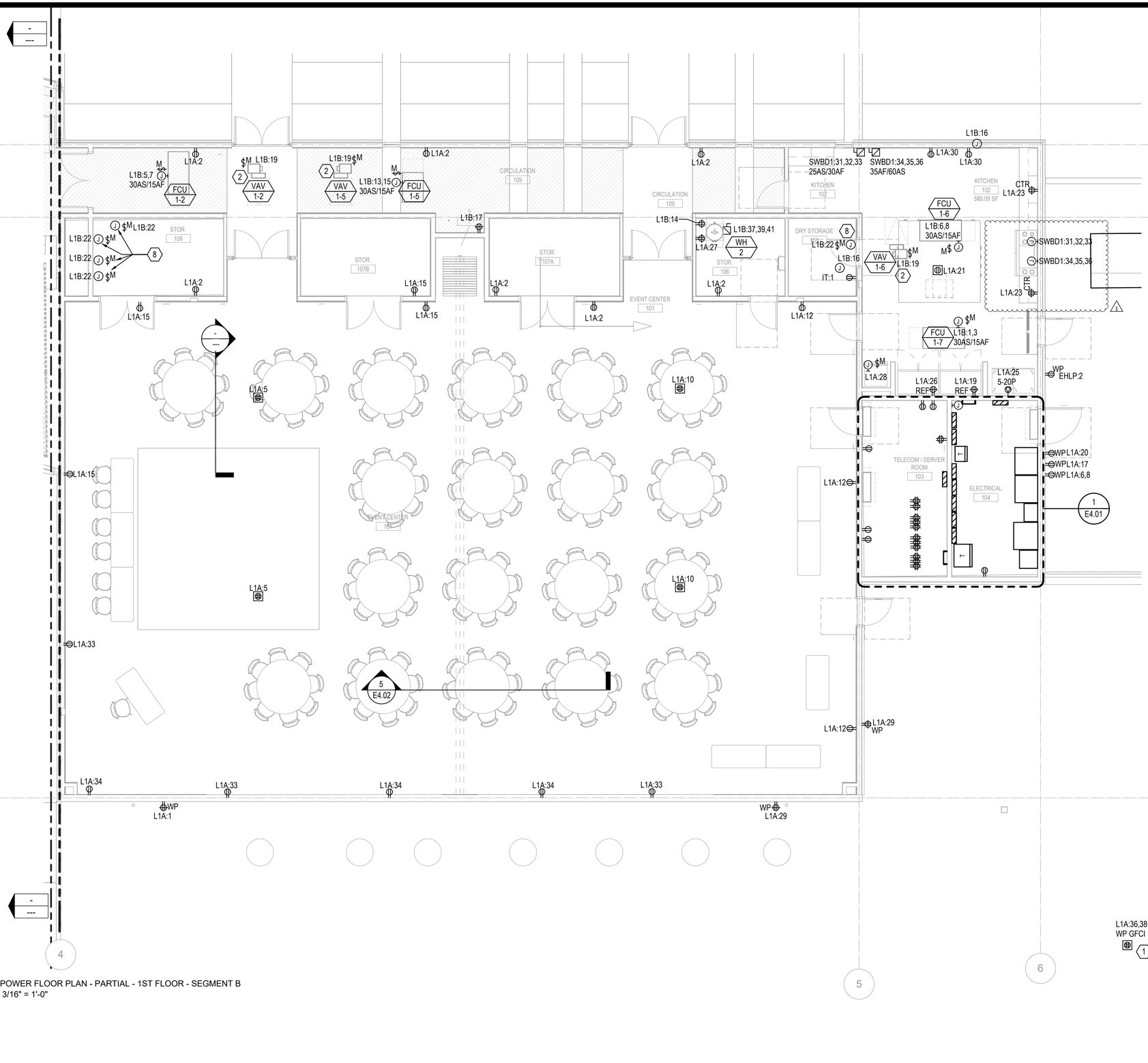
If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.

PANEL: L2B
LOCATION: STORAGE 201 | **VOLTAGE:** 120/208 Wye | **NEW/EXISTING:** Phase 1 | **MAIN:** 60 A MCB
FED FROM: L1A | **PHASE / WIRE:** 3PH / 4W | **BRACING (AMPS):** 10KAIC | **BUS RATING:** 100 A
BRANCH: | **NEMA:** Type 1 | **AVAILABLE FAULT CURRENT:** 1,747 KAIC | **MOUNTING:** SURFACE

CKT NO / CODE		CB TRIP-POLE		LOAD TYPE	A (kVA)	B (kVA)	C (kVA)	LOAD TYPE	CB TRIP-POLE		CKT NO / CODE	
1	M	15 A	2	L2 MULTI-PURPOSE ROOM 200 FCU 2-1	0.30 / 0.30			L2 MULTI-PURPOSE ROOM 200 FCU2-2	2	15 A	M	2
3						0.30 / 0.30						4
5	N	15 A	2	L2 CIRCULATION 205 FCU 1-3			0.00 / 1.33	ROOF TOP SSCU 1	2	20 A	C	6
7					0.00 / 1.33							8
9	N	20 A	2	ROOF TOP BRANCH SELECTOR 1-3		1.56 / 1.33		L2 SSCU-3	2	20 A	C	10
11							1.56 / 1.33					12
13	M	20 A	1	ROOF TOP EF 1	1.15 / 0.46			ROOF TOP EF 2	1	20 A	M	14
15	M	20 A	1	ROOF TOP EF 3		0.79 / 0.15		L2 VAV'S 1-3,2-1,2-3	1	20 A	M	16
17	C	20 A	2	L2 SSCU-2			1.33 / 0.06	L2 CIRC 205 FCU 2-3	2	15 A	N	18
19					1.33 / 0.06							20
21	P	20 A	1	L2 SEGMANT A FIRE SMOKE DAMPER		0.06 / 0.00		SPARE	1	20 A	--	22
23	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	24
25	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	26
27	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	28
29	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	30
31	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	32
33	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	34
35	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	36
37	--	20 A	1	SPARE	0.00 / 0.00			SPARE	1	20 A	--	38
39	--	20 A	1	SPARE		0.00 / 0.00		SPARE	1	20 A	--	40
41	--	20 A	1	SPARE			0.00 / 0.00	SPARE	1	20 A	--	42
					4.93 kVA	4.50 kVA	5.62 kVA					

LOAD CLASSIFICATION	CONNECTED VA	/ AMPS	DEMAND %	DEMAND VA	/ AMPS
C	7,986 VA	22 A	125.00%	9,983 VA	28 A
M	3,754 VA	10 A	107.66%	4,042 VA	11 A
N	3,245 VA	9 A	100.00%	3,245 VA	9 A
P	60 VA	0 A	100.00%	60 VA	0 A

If the sheet is not 24"x36", it is a reduced print. Scale Accordingly.



1 POWER FLOOR PLAN - PARTIAL - 1ST FLOOR - SEGMENT B
EP2.11B 3/16" = 1'-0"

Keynotes:

1. ABOVE GROUND ON SQUARE TUBE STEEL POST WITH WEATHER RATED BOX COVER RECEPTACLE FOR FUTURE EVENT DJ OR CATERER USE.
2. PROVIDE 120V, 1P, 20A MOTOR RATED SWITCH FOR CONNECTION TO 120V-24V LOW VOLTAGE TRANSFORMER PROVIDED WITH VAV. SQUARE D TYPE #K OR EQUAL. COORDINATE ALL REQUIREMENTS WITH MANUFACTURER AND MECHANICAL CONTRACTOR.

Notes:

KEY PLAN:



100% CONSTRUCTION DOCUMENTS - 01/12/2024

SANTEE COMMUNITY CENTER - ELECTRICAL POWER 1ST FLOOR - SEGMENT B - FLOOR PLAN **ADDENDUM 1**

CONSTRUCTION RECORD	REFERENCES	DATE	BY	REVISIONS		BENCH MARK
CONTRACTOR:		01/12/2025	JL	100% CONSTRUCTION DOCUMENTS		
INSPECTOR:		09/25/2025	GM	ADDENDUM 1		
DATE COMPLETED						

SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
HORIZ: 3/16" = 1'-0"	RF	GM	TS
VERT:	PLANS PREPARED UNDER THE SUPERVISION OF		
	RCE NO.	DATE / EXPIRES	

REVIEWED _____
BY _____ PROJECT ENGINEER

CITY OF SANTEE — DEPARTMENT OF DEVELOPMENT SERVICES
IMPROVEMENT PLANS FOR:
SANTEE COMMUNITY CENTER

CITY W.O. NO.

DRAWING NO. **EP2.11B**
SHEET OF

Autodesk Docs://2290003000 City of Santee Community Center R24/21-003149-E-Santee Community Center-R20.rvt

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