



ADDENDUM

BESSIE OWENS JR HIGH SCHOOL MODERNIZATION – PHASE III – BUILDING K RE-BID

ADDENDUM NO.	One (1)	DATE:	May 16, 2023
CLIENT / PROJECT:	Bakersfield City School District Bessie Owens Jr. High Modernization – Phase III Building K Re-Bid	BID OPENING LOCATION:	Bakersfield City School District 1501 Feliz Drive, Bakersfield, CA 93307
PROJECT NO.	118934 / 19123.02-46	BID DATE:	June 07, 2023
ARCHITECT:	IBI Group 4119 Broad Street Suite 210 San Luis Obispo, CA 93402	BID TIME:	2:00 pm
D.S.A. APPLICATION NO.	03-120102		
D.S.A. FILE NO.	15-6		

NOTICE TO ALL CONTRACTORS SUBMITTING BIDS FOR THIS WORK AND TO ALL PLAN HOLDERS:

You are hereby notified of the following CHANGES, clarifications or modifications to the original Contract Documents, Project Manual, Drawings, Specifications and subsequent Addenda. This Addendum shall supersede the original Contract Documents and previous Addenda wherein it contradicts the same and shall take precedence over anything to the contrary therein. All other conditions remain UNCHANGED.

I. CHANGES AND/OR CLARIFICATIONS TO THE PROJECT MANUAL AND CONTRACT DOCUMENTS:

- ITEM (01) REFER TO THE FOLLOWING BID PACKAGES:
- A. BP-02 Grading & Concrete
 - B. BP-03 Landscape & Irrigation
 - C. BP-05 Utilities & Plumbing
 - D. BP-06 Fencing
 - E. BP-07 General Building and Specialties
 - F. BP-08 Structural Steel, Decking & Misc. Metals
 - G. BP-09 Metal Wall Panels & Misc. Sheet Metal



ADDENDUM

- H. BP-15 – Flooring
- I. BP-17 – Electrical, Fire Alarm & Communications

ITEM (02) REFER TO ATTACHED DOCUMENTS:

- A. “Owens Jr. High Phase III Building K Bid Schedule”

II. CHANGES AND/OR CLARIFICATIONS TO THE DRAWINGS: N/A

ITEM (03) REFER TO ATTACHED DOCUMENTS:

- A. Submittal “Ph3_BP02_004 – Grates & Embed Shop Drawings”.
- B. Submittal “Ph3_BP02_005.1_Bldg K Rebar Shop Drawings”.
- C. “Owens Jr High Phase III, Sheet F-2.11N”
- D. “Bldg K data and Power Revisions”; dated 05-10-2023
- E. “Owens Jr High Electrical POC’s”

CONFORMANCE WITH CONTRACT DOCUMENTS, PROJECT MANUAL, DRAWINGS AND SPECIFICATIONS

All addenda work shall be in strict conformance with the Contract Documents, Project Manual, Drawings and Specifications as they pertain to work of a similar nature.

IBI GROUP, a CALIFORNIA PARTNERSHIP

BY:


RICHARD MELLO, AIA #C-18079



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WORK SCOPE SUMMARY
BID PACKAGE # 02

BESSIE OWENS JR. HIGH SCHOOL MODERNIZATION – PHASE III

GRADING & CONCRETE

Provide all construction included in the specifications listed below, work described by the drawings, work defined in the General and Supplementary conditions, work defined in the Division 1/General Requirements, and work defined in the bidding and Contract Document project requirements. All such work is specifically included in the scope of work of this Prime Contractor.

<u>DIVISION 3 - CONCRETE</u>	<u>DIVISION 31 – EARTHWORK</u>
03 05 05 Concrete Sealer	31 10 00 Site Clearing*
03 30 00 Cast-In-Place Concrete	31 20 00 Earthwork*
03 30 53 Miscellaneous Cast-In-Place Concrete	31 23 33 Trenching, Backfill and Compacting*
	31 63 29 Drilled Concrete Piers and Shafts (SSG)
<u>DIVISION 07 – THERMAL AND MOISTURE PROTECTION</u>	
07 13 26 Self-Adhering Sheet Waterproofing	<u>DIVISION 32 – EXTERIOR IMPROVEMENTS</u>
07 92 00 Joint Sealants*	32 13 13 Site Concrete
	32 17 26 Tactile Warning Surfaces
<u>DIVISION 10 - SPECIALTIES</u>	
10 75 00 Flagpole	(*) As applicable to this scope of work

Hereinafter all references made to the Prime Contractor will mean the contractor bidding this Bid Package unless noted otherwise. The term “Provide” shall mean all labor, materials and equipment necessary for the complete furnishing and installation of specified item(s) or work.

As further clarification, Prime Contractor shall be responsible for the following:

GENERAL ITEMS (APPLICABLE TO ALL PRIME CONTRACTORS)

1. Prime Contractor must hold all of the appropriate license classifications required, or hold at least one of the required licenses and subcontract with the remaining appropriately licensed contractor(s) to meet the qualification requirements.
2. Prime Contractor is responsible to acquire and Underground Service Alert Permit, if required, for the scope of this package and maintaining it during underground activities. Provide the permit number and expiration date to the District prior to starting underground work.
3. Fully plan and coordinate all work (i.e. work sequence, locations, embedded work, dimensions, layout, elevations, framing, finishes, connections, penetrations, safety, startup and testing, etc.) with all other Prime Contractors prior to performing own work.
4. Prime Contractor is responsible for providing all lift equipment, cranes, forklifts, scaffolding, and other equipment as needed to accomplish work of this Bid Package based on the site conditions at the time of installation.
5. The Prime Contractor understands that it is imperative that work be completed in accordance with the bid schedule or as the work becomes available to them, whichever comes first. The District will try to better the bid schedule, when or if slack or float time becomes available during the course of construction. By doing so, the Prime Contractor agrees this is beneficial to all parties concerned to get their work finished early and agrees to not hold the District responsible for any costs associated with working out of sequence or ahead of schedule, as long as critical path work durations do not change. The Prime Contractor agrees to pursue the

work accordingly as directed by the District. Perform any necessary work “out of sequence” to satisfy unique situations or for proper installation of work under this Bid Package.

6. This Prime Contractor shall include fully staffed and capable crews working simultaneously on separate areas of the project as necessary to maintain the project schedule, especially while performing critical path activities.
7. The Prime Contractor shall take whatever means required to assure certain critical elements of work that must be completed during a specific timeframe or project phase, do indeed meet the contract specified dates. It will be the Prime Contractor’s responsibility to closely evaluate the bid schedule, prepare submittals and procure long lead items in order to accomplish this work. The Prime Contractor shall include all expediting and extra shipping/delivery costs associated with assuring the critical milestone dates are achieved. If any procurement issues prevent the Prime Contractor from successfully meeting any milestone dates shown in the bid schedule, the Prime Contractor must notify the District in writing within 10 days of the Notice to Proceed. Furthermore, the Prime Contractor shall incorporate into their bid price any extended work weeks, multiple shifts and/or overtime costs to meet the critical milestone dates.
8. The District will provide survey one time if required for this Bid Package. It is the Prime Contractor’s responsibility to protect the survey stakes. Any additional survey required for this scope will be the responsibility of this Contractor.
9. The activity work durations shown in the Bid Schedule represent the time needed to perform direct tasks or work only. All time needed for associated or supporting activities required prior to the start of actual work is not considered as part of the durations shown. This includes, but is not limited to pre-installation conferences, site review, layout/field measurement, mockups, RFI clarification, mobilization, material procurement, delivery and staging, scaffolding or shoring, architect/inspector review, coordination of materials, shop drawings or submittals review and trade coordination meetings.. Layout is defined as shop drawing, as well as field layout in conjunction with other trades while work is in progress. This Prime Contractor is required to make site visit(s) a minimum of 2 weeks in advance of scheduled activity (or earlier if needed) and review & implement management of the project tasks as needed to complete the above-referenced tasks so that the project schedule is not impacted, and all durations can be met.
10. Furnish all labor, material, services, equipment, and specific safety measures including but not limited to task safety fencing, trench plates, signage, scaffolding, barricades, shoring, traffic control, safety devices, services or skilled supervision necessary for all work applicable to this Prime Contractor’s scope of work.
11. Supply power cords, adapters, etc. as necessary to complete the work of this bid package in a timely manner and in accordance with the construction schedule. Furnish power for welders and any special equipment needing voltage greater than 120V as it pertains to this Bid Package.
12. Prime Contractor is responsible for ensuring their personnel and subcontractors follow all OSHA guidelines and regulations.
13. Be responsible for arranging all inspections required in this Bid Package. Inspection Request to be submitted in writing on approved form with a minimum of 48-hour notice. Prime Contractor to provide any lift equipment, lights or other apparatus required for the Inspector to safely perform inspection.
14. No signs or advertising of any kind will be permitted on or about the Site.
15. Prime Contractor shall comply with the site plan in the civil drawings, in coordination with the District and all Prime Contractors, that indicates areas to be used for lay down of material and equipment; office and storage trailer locations; vehicular access gates with ingress and egress routes; locations of wheel wash and concrete truck wash out activities; and offloading and hoisting locations etc.
16. This Prime Contractor shall remove all waste materials, rubbish, and mud attributable to the work of this Bid Package to an appropriate disposal location on the jobsite throughout the duration of the project. Broom cleaning and minor trash removal shall be performed each working day. A weekly cleaning shall be performed

on every Friday including at a minimum a broom cleaning and the removal of waste materials from all areas of work where installation was performed during that work week. If the Prime Contractor fails to perform progress cleaning or does not maintain the areas adjacent to the Project clean and free of waste materials and rubbish, upon 48 hours written notice (or 24 hours written notice if the debris constitutes a safety hazard) the District may clean up on behalf of the Prime Contractor and at the Prime Contractor's expense with the cost back-charged via credit Change Order. If it cannot be determined who the responsible Prime Contractor is, the costs shall be shared by the Prime Contractors actively working on the Project as determined at the sole discretion of the District.

17. This Prime Contractor shall provide an information update on a bi-weekly basis to the District for use in updating the project Construction Progress Schedule that includes at a minimum; identification of each stage or task of the work specific to this Bid Package, status progress on current work activities and critical path milestone dates, status of outstanding shop drawings and submittals, status of fabrication and related work, status of material procurement (delivery lead time and dates) and identification of the manpower anticipated for all current and upcoming work activities.
18. Prime Contractor to abide by all SWPPS, Dust Pollution Prevention, erosion and sediment control as indicated in various areas of the Contract Documents. Protect all installed erosion control and other devices at all times during construction activities. This Prime Contract to remove, stockpile/safeguard and replace erosion control items or installations as required to accommodate specific work tasks or activity. All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil. Any cost associated with the damage to erosion control devices or non-compliance with these measures shall be charged back to the Prime Contractor.

ALLOWANCE

19. Provide an allowance amount of \$60,000 for existing building concrete slab repair. The allowance shall be listed in the Schedule of Values and shall be tracked on a Time and Material basis. Profit and overhead on top of this Time and Material work will not be allowed. This allowance amount is to be used as directed by the District and is not to be used to fulfill obligations under this contract. All costs used against this allowance must be agreed to by the District before work is started. All unused portions of this allowance amount shall be credited back to the owner in the form of a deductive change order at 100% of the remaining value. This allowance shall be included in the Base Bid.

GRADING & CONCRETE

20. Prime Contractor is responsible for calculating all earthwork import and/or export quantities and to include all soils import/export in the bid price.
21. Provide all rough and finish grading and compaction of soil to + or – 0.10 feet of design grades shown at all concrete and asphalt paved areas, including but not limited to subgrade preparation at-walkways, curbs, gutters, sidewalks, concrete site, asphalt paving, etc. Provide soil backfill at modular building foundation once the modular building has been secured to the concrete foundation.
22. This Prime Contractor is responsible for clearing, filling and fine grading to + or – 0.10 feet of all landscape areas and to coordinate with the landscape contractor/District.
23. Obtain approval for all on-site soil and backfill materials from the Testing Lab and Civil Engineer. All imported dirt must be approved prior to use and must follow recommendations contained on the soils report. Stockpiling/return of soil temporarily stored on site if needed to accommodate sequencing of work is to be included at no additional cost. Incorporate time necessary for inspections, so there is no impact to the project schedule.

24. Include redressing of On-Site grades (ruts, low spots, soft spots, etc.) caused by rain, erosion, and Prime Contractor work traffic until completion of this bid package. Prime Contractor shall protect areas of work that are subject to erosion and flooding. Provide immediate and ongoing dewatering of work areas. Install temporary dirt berms along the top perimeter of all sloped excavations to prevent water runoff into excavated areas. Remove berms and re-grade during final grading operations.
25. Provide coordination of work with the District, Architect, Engineers, Inspectors, testing lab and other prime contractors. The earthwork observation and soils testing will be provided by the District. Prime Contractor will pay for all re-compaction work and additional soil compaction re-testing at areas where initial compaction test failed.
26. All recommendations outlined in the project soils report are to be complied with during the work of this bid package.
27. Prior to commencement of work, this Prime Contractor shall participate in a pre-grading meeting with the Owner, Architect, Soils Engineer, Project Inspector and other Prime Contractors impacted by work of this bid package.
28. Prime Contractor responsible to acquire an Underground Service Alert Permit for the scope of this package and maintaining it during underground activities. Provide the permit number and expiration date to the District prior to starting underground work.
29. Comply with all local county and city jurisdictions including the San Joaquin Valley Air Pollution Control District (SJVAPCD). This Prime Contractor is responsible for any associated fees needed from the city, county, etc.
30. Provide all clearing and grubbing as indicated and as necessary to commence earthwork operations including any demolition, disposal and removal from the site and/or fill of all on-site debris & trash to allow for a cleared site unless otherwise noted on the drawings.
31. Contractor shall protect all work, materials and equipment for this Bid Package in areas that are subject to erosion and flooding during the entire duration of the construction, providing immediate and on-going dewatering, pump and muck out to an appropriate drainage receptacle (with construction filters as needed); all footings, pits, structural excavations, etc. as required by weather conditions.
32. Provide street sweeping as needed to maintain clean, dirt/dust free conditions on all adjacent road surfaces. Any spoils that spill over onto the adjacent right-of-ways shall be cleaned up immediately.
33. This Prime Contractor shall provide all site concrete including but not limited to all base materials, reinforcement, and excavation/over-excavation/backfill/compaction. Coordinate this work with other contractors.
34. Provide all Site Concrete Systems including but not limited to associated earthwork, site concrete forming, placement, finishing and curing, Portland Cement Concrete Paving, mow strips/landscape curbs, v-gutters, concrete headers, joint sealants and caulking, concrete curbing, sidewalk and flatwork, reinforcement, expansion and control joints, smooth dowels, perimeter curbs, flatwork, misc. accessories such as anchor bolt placement, isolated utility/equipment pads (ie. not connected to building footings/foundations).
35. Provide complete structural concrete for all site, buildings, and Modular Buildings, building related slabs, and other misc. structures including excavation/over-excavation/backfill/compaction, reinforcement, forming, placement, finishing and curing, concrete material, granular base, vapor barrier, footings, foundations, slab on grade, joint sealants, caulking, curing, hardeners, sealers, provide and install all modular building foundation embeds, foundation vent grates, provide and install permanent building anchor bolts, ramps, planters, raised seating walls, expansion joints, control joints, saw-cut joints, dowels, misc. accessories, plywood templates for anchor bolt placement, flag pole including concrete footing.

36. Provide modular building concrete foundation, rodent slab, access and vent curbs and grates as shown on modular building drawings.

Exclusions

- Excavation, backfill and compaction of utility trenches for M/E/P trades.
- Concrete thrust blocks and encasements for M/E/P trades
- Trees shown as to be removed on the site demolition plan shall be removed by Bid Package # 01 Demolition & Abatement.

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WORK SCOPE SUMMARY
BID PACKAGE # 03

BESSIE OWENS JR. HIGH SCHOOL MODERNIZATION – PHASE III

LANDSCAPE & IRRIGATION

Provide all construction included in the specifications listed below, work described by the drawings, work defined in the General and Supplementary conditions, work defined in the Division 1/General Requirements, and work defined in the bidding and Contract Document project requirements. All such work is specifically included in the scope of work of this Prime Contractor.

<u>DIVISION 31 – EARTHWORK</u>	<u>DIVISION 32 – EXTERIOR IMPROVEMENTS</u>
31 23 16 Trenching, Backfilling & Compacting*	32 80 00 Landscape Irrigation
	32 90 00 Landscape Planting
	32 90 30 Turf Hydroseed
	(*) As applicable to this scope of work

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As further clarification, Prime Contractor shall be responsible for the following:

GENERAL ITEMS (APPLICABLE TO ALL PRIME CONTRACTORS)

1. Prime Contractor must hold all of the appropriate license classifications required, or hold at least one of the required licenses and subcontract with the remaining appropriately licensed contractor(s) to meet the qualification requirements.
2. Prime Contractor is responsible to acquire and Underground Service Alert Permit, if required, for the scope of this package and maintaining it during underground activities. Provide the permit number and expiration date to the District prior to starting underground work.
3. Fully plan and coordinate all work (i.e. work sequence, locations, embedded work, dimensions, layout, elevations, framing, finishes, connections, penetrations, safety, startup and testing, etc.) with all other Prime Contractors prior to performing own work.
4. Prime Contractor is responsible for providing all lift equipment, cranes, forklifts, scaffolding, and other equipment as needed to accomplish work of this Bid Package based on the site conditions at the time of installation.
5. The Prime Contractor understands that it is imperative that work be completed in accordance with the bid schedule or as the work becomes available to them, whichever comes first. The District will try to better the bid schedule, when or if slack or float time becomes available during the course of construction. By doing so, the Prime Contractor agrees this is beneficial to all parties concerned to get their work finished early and agrees to not hold the District responsible for any costs associated with working out of sequence or ahead of schedule, as long as critical path work durations do not change. The Prime Contractor agrees to pursue the work accordingly as directed by the District. Perform any necessary work “out of sequence” to satisfy unique situations or for proper installation of work under this Bid Package.

6. This Prime Contractor shall include fully staffed and capable crews working simultaneously on separate areas of the project as necessary to maintain the project schedule, especially while performing critical path activities.
7. The Prime Contractor shall take whatever means required to assure certain critical elements of work that must be completed during a specific timeframe or project phase, do indeed meet the contract specified dates. It will be the Prime Contractor's responsibility to closely evaluate the bid schedule, prepare submittals and procure long lead items in order to accomplish this work. The Prime Contractor shall include all expediting and extra shipping/delivery costs associated with assuring the critical milestone dates are achieved. If any procurement issues prevent the Prime Contractor from successfully meeting any milestone dates shown in the bid schedule, the Prime Contractor must notify the District in writing within 10 days of the Notice to Proceed. Furthermore, the Prime Contractor shall incorporate into their bid price any extended work weeks, multiple shifts and/or overtime costs to meet the critical milestone dates.
8. The District will provide survey one time if required for this Bid Package. It is the Prime Contractor's responsibility to protect the survey stakes. Any additional survey required for this scope will be the responsibility of this Contractor.
9. The activity work durations shown in the Bid Schedule represent the time needed to perform direct tasks or work only. All time needed for associated or supporting activities required prior to the start of actual work is not considered as part of the durations shown. This includes, but is not limited to pre-installation conferences, site review, layout/field measurement, mockups, RFI clarification, mobilization, material procurement, delivery and staging, scaffolding or shoring, architect/inspector review, coordination of materials, shop drawings or submittals review and trade coordination meetings.. Layout is defined as shop drawing, as well as field layout in conjunction with other trades while work is in progress. This Prime Contractor is required to make site visit(s) a minimum of 2 weeks in advance of scheduled activity (or earlier if needed) and review & implement management of the project tasks as needed to complete the above-referenced tasks so that the project schedule is not impacted, and all durations can be met.
10. Furnish all labor, material, services, equipment, and specific safety measures including but not limited to task safety fencing, trench plates, signage, scaffolding, barricades, shoring, traffic control, safety devices, services or skilled supervision necessary for all work applicable to this Prime Contractor's scope of work.
11. Supply power cords, adapters, etc. as necessary to complete the work of this bid package in a timely manner and in accordance with the construction schedule. Furnish power for welders and any special equipment needing voltage greater than 120V as it pertains to this Bid Package.
12. Electrical Contractor in accordance with the latest CAL OSHA Safety Orders will provide temporary lighting for building access. This Prime Contractor is responsible to provide task lighting as required to facilitate and complete the work of this Bid Package in a timely manner and in accordance with the current Construction Schedule.
13. Prime Contractor is responsible for ensuring their personnel and subcontractors follow all OSHA guidelines and regulations.
14. Be responsible for arranging all inspections required in this Bid Package. Inspection Request to be submitted in writing on approved form with a minimum of 48-hour notice. Prime Contractor to provide any lift equipment, lights or other apparatus required for the Inspector to safely perform inspection.
15. No signs or advertising of any kind will be permitted on or about the Site.

16. Prime Contractor shall comply with the site plan in the civil drawings, in coordination with the District and all Prime Contractors, that indicates areas to be used for lay down of material and equipment; office and storage trailer locations; vehicular access gates with ingress and egress routes; locations of wheel wash and concrete truck wash out activities; and offloading and hoisting locations etc.
17. This Prime Contractor shall remove all waste materials, rubbish, and mud attributable to the work of this Bid Package to an appropriate disposal location on the jobsite throughout the duration of the project. Broom cleaning and minor trash removal shall be performed each working day. A weekly cleaning shall be performed on every Friday including at a minimum a broom cleaning and the removal of waste materials from all areas of work where installation was performed during that work week. If the Prime Contractor fails to perform progress cleaning or does not maintain the areas adjacent to the Project clean and free of waste materials and rubbish, upon 48 hours written notice (or 24 hours written notice if the debris constitutes a safety hazard) the District may clean up on behalf of the Prime Contractor and at the Prime Contractor's expense with the cost back-charged via credit Change Order. If it cannot be determined who the responsible Prime Contractor is, the costs shall be shared by the Prime Contractors actively working on the Project as determined at the sole discretion of the District.
18. This Prime Contractor shall provide an information update on a bi-weekly basis to the District for use in updating the project Construction Progress Schedule that includes at a minimum; identification of each stage or task of the work specific to this Bid Package, status progress on current work activities and critical path milestone dates, status of outstanding shop drawings and submittals, status of fabrication and related work, status of material procurement (delivery lead time and dates) and identification of the manpower anticipated for all current and upcoming work activities.
19. Prime Contractor to abide by all SWPPS, Dust Pollution Prevention, erosion and sediment control as indicated in various areas of the Contract Documents. Protect all installed erosion control and other devices at all times during construction activities. This Prime Contract to remove, stockpile/safeguard and replace erosion control items or installations as required to accommodate specific work tasks or activity. All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil. Any cost associated with the damage to erosion control devices or non-compliance with these measures shall be charged back to the Prime Contractor.

LANDSCAPE & IRRIGATION

20. Provide complete landscape and irrigation systems including earthwork, soil amendments, topsoil, trenching, backfill, drainage, planting and plant material, ground cover, misc. landscape materials, maintenance, warranty, fertilizing, top dressing, controller equipment, enclosures, timing devices, circuits and control wiring, irrigation piping, fittings, risers, sleeves, sprinkler heads, control valves, shut off valves, quick coupling valves, check valves, testing, thrust blocks, concrete, (curbs and equipment pads by others), embedment, connectors, filling of planters, re-grading and finish grading planter and turf areas, etc.
21. Rake and level soils as required to receive seed.
22. Include all necessary sleeves under asphalt paving, concrete pavements and hardscape. Coordinate with the Prime Grading & Concrete & Asphalt Contractors for layout and installation of these items to accommodate schedules. This Prime Contractor shall approve layout of these items before and during concrete pours and paving activities. Any sleeves required after concrete and paving are complete will be the responsibility of this Prime Contractor including any cutting, demolition, removal, patch and repair.

23. Site grade elevations at landscape areas will be graded to plus or minus 0.10 feet of design grade by the grading contractor. This Prime Contractors is to provide re-grading and fine grading in all landscape areas as needed to complete Landscape and Irrigation work.
24. Provide trenching, excavation, backfill and spoil haul off, maintaining plus or minus 0.10 feet of finish grade. Backfilling and compaction to be per soils report. Initial compaction testing shall be by the District representative, all retests shall be back-charged to this Prime Contractor.
25. Prime Contractor to provide soil import or export as required for the completion of this work scope. Include removal of all soil spoils generated by this bid package. Obtain approval for all import soil and backfill materials from the District's Soils Testing Consultant prior to commencing work. All soil spoils generated by this scope must be removed from the project site. No stockpiling of dirt shall be allowed adjacent to buildings, near footings or at locations that are adjacent to or impeding site utility work or other underground installations.
26. Include redressing of on-site grades (ruts, low spots, soft spots, etc.) caused by rain, erosion and Prime Contractor work traffic until completion of this bid package. Prime Contractor shall protect all areas subject to erosion and flooding, and provide immediate and ongoing dewatering of work areas.
27. Prime Contractor responsible to acquire an Underground Service Alert Permit for the scope of this package and maintaining it during underground activities. Provide the permit number and expiration date to the District prior to starting underground work.
28. Provide final clean-up of all exterior onsite hardscape areas at the completion of the project including broom sweep, pressure wash and remove all dirt, debris and tire marks left by this Prime Contractor. This Prime Contractor must clean-up after their work on a regular basis in accordance with the general/supplemental conditions and this bid scope/package.

Exclusions

- Concrete headers

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BESSIE OWENS JR. HIGH SCHOOL MODERNIZATION – PHASE III

SITE UTILITIES & PLUMBING

Provide all construction included in the specifications listed below, work described by the drawings, work defined in the General and Supplementary conditions, work defined in the Division 1/General Requirements, and work defined in the bidding and Contract Document project requirements. All such work is specifically included in the scope of work of this Prime Contractor.

<u>DIVISION 22 - PLUMBING</u>	<u>DIVISION 33 - UTILITIES</u>
22 00 00 Plumbing	33 11 16 Site Water Distribution
	33 33 16 Site Sanitary Sewerage
	33 40 00 Storm Drainage
<u>DIVISION 31 - EARTHWORK</u>	
31 23 33 Trenching, Backfilling and Compacting*	(*) As applicable to this scope of work

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9. Furnish all labor, material, services, equipment, and specific safety measures including but not limited to task safety fencing, trench plates, signage, scaffolding, barricades, shoring, traffic control, safety devices, services or skilled supervision necessary for all work applicable to this Prime Contractor's scope of work.
10. Supply power cords, adapters, etc. as necessary to complete the work of this bid package in a timely manner and in accordance with the construction schedule. Furnish power for welders and any special equipment needing voltage greater than 120V as it pertains to this Bid Package.
11. Electrical Contractor in accordance with the latest CAL OSHA Safety Orders will provide temporary lighting for building access. This Prime Contractor is responsible to provide task lighting as required to facilitate and complete the work of this Bid Package in a timely manner and in accordance with the current Construction Schedule.
12. Prime Contractor is responsible for ensuring their personnel and subcontractors follow all OSHA guidelines and regulations.
13. Be responsible for arranging all inspections required in this Bid Package. Inspection Request to be submitted in writing on approved form with a minimum of 48-hour notice. Prime Contractor to provide any lift equipment, lights or other apparatus required for the Inspector to safely perform inspection.
14. No signs or advertising of any kind will be permitted on or about the Site.
15. Prime Contractor shall comply with the site plan in the civil drawings, in coordination with the District and all Prime Contractors, that indicates areas to be used for lay down of material and equipment; office and storage trailer locations; vehicular access gates with ingress and egress routes; locations of wheel wash and concrete truck wash out activities; and offloading and hoisting locations etc.
16. This Prime Contractor shall remove all waste materials, rubbish, and mud attributable to the work of this Bid Package to an appropriate disposal location on the jobsite throughout the duration of the project. Broom cleaning and minor trash removal shall be performed each working day. A weekly cleaning shall be performed on every Friday including at a minimum a broom cleaning and the removal of waste materials from all areas of work where installation was performed during that work week. If the Prime Contractor fails to perform progress cleaning or does not maintain the areas adjacent to the Project clean and free of waste materials and rubbish, upon 48 hours written notice (or 24 hours written notice if the debris constitutes a safety hazard) the District may clean up on behalf of the Prime Contractor and at the Prime Contractor's expense with the cost back-charged via credit Change Order. If it cannot be determined who the responsible Prime Contractor is, the

costs shall be shared by the Prime Contractors actively working on the Project as determined at the sole discretion of the District.

17. This Prime Contractor shall provide an information update on a bi-weekly basis to the District for use in updating the project Construction Progress Schedule that includes at a minimum; identification of each stage or task of the work specific to this Bid Package, status progress on current work activities and critical path milestone dates, status of outstanding shop drawings and submittals, status of fabrication and related work, status of material procurement (delivery lead time and dates) and identification of the manpower anticipated for all current and upcoming work activities.
18. Prime Contractor to abide by all SWPPS, Dust Pollution Prevention, erosion and sediment control as indicated in various areas of the Contract Documents. Protect all installed erosion control and other devices at all times during construction activities. This Prime Contract to remove, stockpile/safeguard and replace erosion control items or installations as required to accommodate specific work tasks or activity. All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil. Any cost associated with the damage to erosion control devices or non-compliance with these measures shall be charged back to the Prime Contractor.

UTILITIES & PLUMBING

19. Prime Contractor to provide safe off of water/sewer service prior to demolition activities performed by the Demolition Prime Contractor.
20. This Prime Contractor is responsible to cap in-wall plumbing lines after demolition contractor removes plumbing fixtures, etc.
21. Provide Plumbing demolition as noted on Plumbing drawings.
22. Prime Contractor to provide complete underground On-Site Domestic Water Systems including all layout, piping, fittings, couplings, connections for all Modular buildings including connection of domestic cold water to the modular classroom sinks, sleeves, hose bibbs, valves, yard boxes, drains, misc. assemblies, testing, cleaning, earthwork, bedding, trenching, compaction, concrete and thrust blocks, slurry, anchors and encasements.
23. Prime Contractor to provide complete on-site sanitary sewer system including all layout, piping, sleeves, fittings, couplings, concrete, thrust blocks, clean outs, trenching, bedding, backfill, slurry, compaction, encasements, testing, cleaning, mandrel, hydrostatic testing, terminations, etc. This bid package will also be responsible connecting to modular building plumbing and waste lines.
24. Provide all potholing, excavation, trenching, shoring, backfill, demolition, capping, recompaction, regrading, and removal of spoils from the site.
25. Provide all saw cutting and demolition of all concrete/hardscape as required to complete this scope of work. Provide patch back of any existing concrete per contract requirements for areas demolished under this scope of work.
26. Include all necessary sleeves under asphalt paving, concrete pavements and hardscape. Coordinate with the Prime Grading, Concrete & Asphalt Contractors for layout and installation of these items to accommodate schedules. This Prime Contractor shall approve layout of these items before and during concrete pours and paving activities. Any sleeves required after concrete and paving are complete will be the responsibility of this Prime Contractor including any cutting, demolition, removal, patch and repair.
27. Provide trenching, excavation, backfill and spoil haul off, maintaining plus or minus 0.10 feet of finish grade. Backfilling and compaction to be per soils report. Initial compaction testing shall be by the District representative, all retests shall be back-charged to this Prime Contractor.

28. Prime Contractor to provide soil import or export as required for the completion of this work scope. Include removal of all soil spoils generated by this bid package. Obtain approval for all import soil and backfill materials from the District's Soils Testing Consultant prior to commencing work. All soil spoils generated by this scope must be removed from the project site. No stockpiling of dirt shall be allowed adjacent to buildings, near footings or at locations that are adjacent to or impeding site utility work or other underground installations.
29. Prime Contractor responsible to acquire and Underground Service Alert Permit for the scope of this package and maintaining it during underground activities. Provide the permit number and expiration date to the District prior to starting underground work.
30. Provide final clean-up of all exterior onsite hardscape areas at the completion of the project including broom sweep, pressure wash and remove all dirt, debris and tire marks left by this Prime Contractor. This Prime Contractor must clean-up after their work on a regular basis in accordance with the general/supplemental conditions and this bid scope/package.
31. Provide chlorination and testing of all new building and site domestic water system, including new modular building.

Exclusions

- Plumbing within Modular Administration Building. Modular Building water, waste and storm drain lines will be located just outside of the concrete foundation. Plumbing contractor shall make connection to site utilities.

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WORK SCOPE SUMMARY
BID PACKAGE # 06

BESSIE OWENS JR. HIGH SCHOOL MODERNIZATION – PHASE III

FENCING

Provide all construction included in the specifications listed below, work described by the drawings, work defined in the General and Supplementary conditions, work defined in the Division 1/General Requirements, and work defined in the bidding and Contract Document project requirements. All such work is specifically included in the scope of work of this Prime Contractor.

<u>DIVISION 31 – EARTHWORK</u>	<u>DIVISION 32 – EXTERIOR IMPROVEMENTS</u>
31 23 33 Trenching, Backfilling and Compacting*	32 13 13 Site Concrete *
	32 31 13 Chain-Link Fences & Gates
	32 31 19 Decorative Metal Fences and Gates
	(*) As applicable to this scope of work

Hereinafter all references made to the Prime Contractor will mean the contractor bidding this Bid Package unless noted otherwise. The term “Provide” shall mean all labor, materials and equipment necessary for the complete furnishing and installation of specified item(s) or work.

As further clarification, Prime Contractor shall be responsible for the following:

GENERAL ITEMS (APPLICABLE TO ALL PRIME CONTRACTORS)

1. Prime Contractor must hold all of the appropriate license classifications required, or hold at least one of the required licenses and subcontract with the remaining appropriately licensed contractor(s) to meet the qualification requirements.
2. Prime Contractor is responsible to acquire and Underground Service Alert Permit, if required, for the scope of this package and maintaining it during underground activities. Provide the permit number and expiration date to the District prior to starting underground work.
3. Fully plan and coordinate all work (i.e. work sequence, locations, embedded work, dimensions, layout, elevations, framing, finishes, connections, penetrations, safety, startup and testing, etc.) with all other Prime Contractors prior to performing own work.
4. Prime Contractor is responsible for providing all lift equipment, cranes, forklifts, scaffolding, and other equipment as needed to accomplish work of this Bid Package based on the site conditions at the time of installation.
5. The Prime Contractor understands that it is imperative that work be completed in accordance with the bid schedule or as the work becomes available to them, whichever comes first. The District will try to better the bid schedule, when or if slack or float time becomes available during the course of construction. By doing so, the Prime Contractor agrees this is beneficial to all parties concerned to get their work finished early and agrees to not hold the District responsible for any costs associated with working out of sequence or ahead of schedule, as long as critical path work durations do not change. The Prime Contractor agrees to pursue the work accordingly as directed by the District. Perform any necessary work “out of sequence” to satisfy unique situations or for proper installation of work under this Bid Package.

6. This Prime Contractor shall include fully staffed and capable crews working simultaneously on separate areas of the project as necessary to maintain the project schedule, especially while performing critical path activities.
7. The Prime Contractor shall take whatever means required to assure certain critical elements of work that must be completed during a specific timeframe or project phase, do indeed meet the contract specified dates. It will be the Prime Contractor's responsibility to closely evaluate the bid schedule, prepare submittals and procure long lead items in order to accomplish this work. The Prime Contractor shall include all expediting and extra shipping/delivery costs associated with assuring the critical milestone dates are achieved. If any procurement issues prevent the Prime Contractor from successfully meeting any milestone dates shown in the bid schedule, the Prime Contractor must notify the District in writing within 10 days of the Notice to Proceed. Furthermore, the Prime Contractor shall incorporate into their bid price any extended work weeks, multiple shifts and/or overtime costs to meet the critical milestone dates.
8. The District will provide survey one time if required for this Bid Package. It is the Prime Contractor's responsibility to protect the survey stakes. Any additional survey required for this scope will be the responsibility of this Contractor.
9. The activity work durations shown in the Bid Schedule represent the time needed to perform direct tasks or work only. All time needed for associated or supporting activities required prior to the start of actual work is not considered as part of the durations shown. This includes, but is not limited to pre-installation conferences, site review, layout/field measurement, mockups, RFI clarification, mobilization, material procurement, delivery and staging, scaffolding or shoring, architect/inspector review, coordination of materials, shop drawings or submittals review and trade coordination meetings.. Layout is defined as shop drawing, as well as field layout in conjunction with other trades while work is in progress. This Prime Contractor is required to make site visit(s) a minimum of 2 weeks in advance of scheduled activity (or earlier if needed) and review & implement management of the project tasks as needed to complete the above-referenced tasks so that the project schedule is not impacted, and all durations can be met.
10. Furnish all labor, material, services, equipment, and specific safety measures including but not limited to task safety fencing, trench plates, signage, scaffolding, barricades, shoring, traffic control, safety devices, services or skilled supervision necessary for all work applicable to this Prime Contractor's scope of work.
11. Supply power cords, adapters, etc. as necessary to complete the work of this bid package in a timely manner and in accordance with the construction schedule. Furnish power for welders and any special equipment needing voltage greater than 120V as it pertains to this Bid Package.
12. Electrical Contractor in accordance with the latest CAL OSHA Safety Orders will provide temporary lighting for building access. This Prime Contractor is responsible to provide task lighting as required to facilitate and complete the work of this Bid Package in a timely manner and in accordance with the current Construction Schedule.
13. Prime Contractor is responsible for ensuring their personnel and subcontractors follow all OSHA guidelines and regulations.
14. Be responsible for arranging all inspections required in this Bid Package. Inspection Request to be submitted in writing on approved form with a minimum of 48-hour notice. Prime Contractor to provide any lift equipment, lights or other apparatus required for the Inspector to safely perform inspection.
15. No signs or advertising of any kind will be permitted on or about the Site.
16. Prime Contractor shall comply with the site plan in the civil drawings, in coordination with the District and all Prime Contractors, that indicates areas to be used for lay down of material and equipment; office and storage trailer locations; vehicular access gates with ingress and egress routes; locations of wheel wash and concrete truck wash out activities; and offloading and hoisting locations etc.

17. This Prime Contractor shall remove all waste materials, rubbish, and mud attributable to the work of this Bid Package to an appropriate disposal location on the jobsite throughout the duration of the project. Broom cleaning and minor trash removal shall be performed each working day. A weekly cleaning shall be performed on every Friday including at a minimum a broom cleaning and the removal of waste materials from all areas of work where installation was performed during that work week. If the Prime Contractor fails to perform progress cleaning or does not maintain the areas adjacent to the Project clean and free of waste materials and rubbish, upon 48 hours written notice (or 24 hours written notice if the debris constitutes a safety hazard) the District may clean up on behalf of the Prime Contractor and at the Prime Contractor's expense with the cost back-charged via credit Change Order. If it cannot be determined who the responsible Prime Contractor is, the costs shall be shared by the Prime Contractors actively working on the Project as determined at the sole discretion of the District.
18. This Prime Contractor shall provide an information update on a bi-weekly basis to the District for use in updating the project Construction Progress Schedule that includes at a minimum; identification of each stage or task of the work specific to this Bid Package, status progress on current work activities and critical path milestone dates, status of outstanding shop drawings and submittals, status of fabrication and related work, status of material procurement (delivery lead time and dates) and identification of the manpower anticipated for all current and upcoming work activities.
19. Prime Contractor to abide by all SWPPS, Dust Pollution Prevention, erosion and sediment control as indicated in various areas of the Contract Documents. Protect all installed erosion control and other devices at all times during construction activities. This Prime Contract to remove, stockpile/safeguard and replace erosion control items or installations as required to accommodate specific work tasks or activity. All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil. Any cost associated with the damage to erosion control devices or non-compliance with these measures shall be charged back to the Prime Contractor.

FENCING

20. Provide complete and functional Chain Link Fences and Gates systems including but not limited to all associated excavation, backfilling, compaction, concrete, concrete drilling, fencing, fabric, posts, fittings and accessories, hardware, panic hardware, keyed cylinders, locking devices, and any other items that are necessary for a complete installation as required for the project.
21. Provide complete and functional Decorative Metal Fences and Gates systems including but not limited to all associated excavation, backfilling, compaction, concrete, concrete drilling, fencing, posts, fittings and accessories, hardware, panic hardware, keyed cylinders, locking devices, paint finish and any other items that are necessary for a complete installation as required for the project.
22. Prime Contractor to provide all concrete footings for items installed under this work scope. The wet setting of posts is not permitted. Where sleeves have not been provided in time at areas of concrete flatwork, coring and grouting of post holes are to be included at no additional cost. Prime Contractor responsible for setting all sleeves and shall be present during all concrete placements to ensure sleeves remain in proper position.
23. Coordinate all required testing activities with the IOR & District's testing laboratory 48 hours prior to commencing work. Provide all identification and certifications required by DSA prior to commencing work. This Prime Contractor is required to coordinate all inspection requests for shop fabrication with the Project Inspector and Construction Manager to alleviate excessive travel time and cost of inspection. All work must be coordinated to accommodate a minimum of 4 hours of inspection per trip
24. Obtain all subgrade compaction testing approvals from the District's testing Lab prior to placing concrete.
25. Prime Contractor to provide soil import or export as required for the completion of this work scope. Include removal of all soil spoils generated by this bid package. Obtain approval for all import soil and backfill materials from the District's Soils Testing Consultant prior to commencing work. No stockpiling of dirt shall be

allowed adjacent to buildings, near footings or at locations that are adjacent to or impeding site utility work or other underground installation.

26. Provide temporary locks for the site gates. Cylinders to be keyed for construction access. Keys (10 copies) to be given to District for distribution and safeguarding. Temporary construction cores will be returned to the Contractor by the District (available for pick up at the District's specified location) after final cores are installed.
27. Permanent cores to be delivered to the district for keying 3 months prior to project's completion or when requested by the District.
28. Prime Contractor is responsible to maintain grade elevations to + or – 0.10 foot of design grade at areas of work activity. Prime Contractor is responsible to provide re-grading and fine grading at all work areas as required to re-establish site grade to + or – 0.10 foot of design grade. Any remedial work and re-surveys required due to prime contractors work activities will be at the expense of this Prime Contractor.
29. Prime Contractor to provide immediate export and removal of soil spoils generated by this bid package.

Exclusions

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WORK SCOPE SUMMARY
BID PACKAGE # 07

BESSIE OWENS JR. HIGH SCHOOL MODERNIZATION - PHASE III

GENERAL BUILDING & SPECIALTIES

Provide all construction included in the specifications listed below, work described by the drawings, work defined in the General and Supplementary conditions, work defined in the Division 1/General Requirements, and work defined in the bidding and Contract Document project requirements. All such work is specifically included in the scope of work of this Prime Contractor.

<u>DIVISION 06 – WOOD, PLASTICS AND COMPOSITES</u>	<u>DIVISION 09 - FINISHES</u>
06 10 00 Rough Carpentry	09 06 00 Colors and Finishes*
06 16 00 Sheathing	
	<u>DIVISION 10 - SPECIALTIES</u>
<u>DIVISION 07 – THERMAL AND MOISTURE PROTECTION</u>	10 11 00 Visual Display Units
07 21 16 Blanket Insulation	10 14 00 Signage
07 92 00 Joint Sealants*	10 19 19 Dimensional Character Signage
<u>DIVISION 08 - OPENINGS</u>	<u>DIVISION 11 EQUIPMENT</u>
08 11 13 Hollow Metal Doors & Frames	11 68 23 Exterior Court Athletic Equipment
08 71 00 Door Hardware*	
	(*) As applicable to this scope of work

Hereinafter all references made to the Prime Contractor will mean the contractor bidding this Bid Package unless noted otherwise. The term "Provide" shall mean all labor, materials and equipment necessary for the complete furnishing and installation of specified item(s) or work.

As further clarification, Prime Contractor shall be responsible for the following:

GENERAL ITEMS (APPLICABLE TO ALL PRIME CONTRACTORS)

1. Prime Contractor must hold all of the appropriate license classifications required, or hold at least one of the required licenses and subcontract with the remaining appropriately licensed contractor(s) to meet the qualification requirements.
2. Prime Contractor is responsible to acquire and Underground Service Alert Permit, if required, for the scope of this package and maintaining it during underground activities. Provide the permit number and expiration date to the District prior to starting underground work.
3. Fully plan and coordinate all work (i.e. work sequence, locations, embedded work, dimensions, layout, elevations, framing, finishes, connections, penetrations, safety, startup and testing, etc.) with all other Prime Contractors prior to performing own work.
4. Prime Contractor is responsible for providing all lift equipment, cranes, forklifts, scaffolding, and other equipment as needed to accomplish work of this Bid Package based on the site conditions at the time of installation.

5. The Prime Contractor understands that it is imperative that work be completed in accordance with the bid schedule or as the work becomes available to them, whichever comes first. The District will try to better the bid schedule, when or if slack or float time becomes available during the course of construction. By doing so, the Prime Contractor agrees this is beneficial to all parties concerned to get their work finished early and agrees to not hold the District responsible for any costs associated with working out of sequence or ahead of schedule, as long as critical path work durations do not change. The Prime Contractor agrees to pursue the work accordingly as directed by the District. Perform any necessary work "out of sequence" to satisfy unique situations or for proper installation of work under this Bid Package.
6. This Prime Contractor shall include fully staffed and capable crews working simultaneously on separate areas of the project as necessary to maintain the project schedule, especially while performing critical path activities.
7. The Prime Contractor shall take whatever means required to assure certain critical elements of work that must be completed during a specific timeframe or project phase, do indeed meet the contract specified dates. It will be the Prime Contractor's responsibility to closely evaluate the bid schedule, prepare submittals and procure long lead items in order to accomplish this work. The Prime Contractor shall include all expediting and extra shipping/delivery costs associated with assuring the critical milestone dates are achieved. If any procurement issues prevent the Prime Contractor from successfully meeting any milestone dates shown in the bid schedule, the Prime Contractor must notify the District in writing within 10 days of the Notice to Proceed. Furthermore, the Prime Contractor shall incorporate into their bid price any extended work weeks, multiple shifts and/or overtime costs to meet the critical milestone dates.
8. The District will provide survey one time if required for this Bid Package. It is the Prime Contractor's responsibility to protect the survey stakes. Any additional survey required for this scope will be the responsibility of this Contractor.
9. The activity work durations shown in the Bid Schedule represent the time needed to perform direct tasks or work only. All time needed for associated or supporting activities required prior to the start of actual work is not considered as part of the durations shown. This includes, but is not limited to pre-installation conferences, site review, layout/field measurement, mockups, RFI clarification, mobilization, material procurement, delivery and staging, scaffolding or shoring, architect/inspector review, coordination of materials, shop drawings or submittals review and trade coordination meetings.. Layout is defined as shop drawing, as well as field layout in conjunction with other trades while work is in progress. This Prime Contractor is required to make site visit(s) a minimum of 2 weeks in advance of scheduled activity (or earlier if needed) and review & implement management of the project tasks as needed to complete the above-referenced tasks so that the project schedule is not impacted, and all durations can be met.
10. Furnish all labor, material, services, equipment, and specific safety measures including but not limited to task safety fencing, trench plates, signage, scaffolding, barricades, shoring, traffic control, safety devices, services or skilled supervision necessary for all work applicable to this Prime Contractor's scope of work.
11. Supply power cords, adapters, etc. as necessary to complete the work of this bid package in a timely manner and in accordance with the construction schedule. Furnish power for welders and any special equipment needing voltage greater than 120V as it pertains to this Bid Package.
12. Electrical Contractor in accordance with the latest CAL OSHA Safety Orders will provide temporary lighting for building access. This Prime Contractor is responsible to provide task lighting as required to facilitate and complete the work of this Bid Package in a timely manner and in accordance with the current Construction Schedule.
13. Prime Contractor is responsible for ensuring their personnel and subcontractors follow all OSHA guidelines and regulations.

14. Be responsible for arranging all inspections required in this Bid Package. Inspection Request to be submitted in writing on approved form with a minimum of 48-hour notice. Prime Contractor to provide any lift equipment, lights or other apparatus required for the Inspector to safely perform inspection.
15. No signs or advertising of any kind will be permitted on or about the Site.
16. Prime Contractor shall comply with the site plan in the civil drawings, in coordination with the District and all Prime Contractors, that indicates areas to be used for lay down of material and equipment; office and storage trailer locations; vehicular access gates with ingress and egress routes; locations of wheel wash and concrete truck wash out activities; and offloading and hoisting locations etc.
17. This Prime Contractor shall remove all waste materials, rubbish, and mud attributable to the work of this Bid Package to an appropriate disposal location on the jobsite throughout the duration of the project. Broom cleaning and minor trash removal shall be performed each working day. A weekly cleaning shall be performed on every Friday including at a minimum a broom cleaning and the removal of waste materials from all areas of work where installation was performed during that work week. If the Prime Contractor fails to perform progress cleaning or does not maintain the areas adjacent to the Project clean and free of waste materials and rubbish, upon 48 hours written notice (or 24 hours written notice if the debris constitutes a safety hazard) the District may clean up on behalf of the Prime Contractor and at the Prime Contractor's expense with the cost back-charged via credit Change Order. If it cannot be determined who the responsible Prime Contractor is, the costs shall be shared by the Prime Contractors actively working on the Project as determined at the sole discretion of the District.
18. This Prime Contractor shall provide an information update on a bi-weekly basis to the District for use in updating the project Construction Progress Schedule that includes at a minimum; identification of each stage or task of the work specific to this Bid Package, status progress on current work activities and critical path milestone dates, status of outstanding shop drawings and submittals, status of fabrication and related work, status of material procurement (delivery lead time and dates) and identification of the manpower anticipated for all current and upcoming work activities.
19. Prime Contractor to abide by all SWPPS, Dust Pollution Prevention, erosion and sediment control as indicated in various areas of the Contract Documents. Protect all installed erosion control and other devices at all times during construction activities. This Prime Contract to remove, stockpile/safeguard and replace erosion control items or installations as required to accommodate specific work tasks or activity. All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil. Any cost associated with the damage to erosion control devices or non-compliance with these measures shall be charged back to the Prime Contractor.

ALLOWANCE

20. Provide an allowance amount of \$25,000 for general site clean-up, misc. framing. The allowance shall be listed in the Schedule of Values and shall be tracked on a Time and Material basis. Profit and overhead on top of this Time and Material work will not be allowed. This allowance amount is to be used as directed by the District and is not to be used to fulfill obligations under this contract. All costs used against this allowance must be agreed to by the District before work is started. All unused portions of this allowance amount shall be credited back to the owner in the form of a deductive change order at 100% of the remaining value. This allowance shall be included in the Base Bid.

GENERAL BUILDING

21. Prime Contractor to provide complete Building Rough Carpentry and Sheathing Systems including structural and engineered wood framing and accessories required for a complete system, wood stud framing, timber framing, wood truss framing, I-Joists, LVLs, all ceiling and soffit framing systems for

drywall/plaster installation, pressure treated wood, fire retardant lumber, misc. materials, rough hardware and misc. metal connectors, fasteners and anchorage, anchor bolts and hold downs, rooftop equipment base and curb framing, wood grounds, wood nailers, wood blocking, and wood sleepers, wood furring, air infiltration barriers, layout, scaffolding, shoring, equipment, plywood shear panels, plywood roof decking/sheathing, bracing, wood treatment, joint sealants, nailers at curbs for mechanical equipment, dry packing/grouting, plaster screed backing, plywood backboards etc.

22. Provide blocking, backing, framed openings, cut-outs, rough hardware etc. for all Prime Contractors. It will be the responsibility of this Prime Contractor to coordinate member sizes with the various Prime Contractors for the following, but not limited to, plaster screeds, vents, flashings, toilet partitions, toilet accessories, roof accessories, roof mounted equipment, light fixtures, cabinets, marker boards, projection screens, television or projector mounts, Electrical/Data and Communications Systems, HVAC systems, Plumbing systems, shelving systems, all equipment and specialties.
23. Provide all mechanical anchors required for the attachment of rough carpentry items.
24. Furnish and install all embeds, hold downs, bolts, etc. for framing, concrete work and as required to complete this scope of work. Coordinate with the Concrete Prime Contractor for layout and delivery of these items to accommodate concrete pour schedules. Approve the layout of these items before and during concrete pours. Any embeds required after concrete is complete will be the responsibility of this contractor including any cutting, demolition, patch, and repair.
25. Include grout and dry pack under the wood sills, etc. Include grouting under the wood ledgers where required.
26. Provide all framing and blocking for access panels, roof penetrations, equipment, louvers, and vents.
27. Prime Contractor is responsible for meeting all straight and plum surface tolerances as required for this and other Prime Contractors work applications. Performance of modifications to achieve these tolerances shall be the responsibility of this Prime Contractor.
28. It is expressly understood that all framing details are diagrammatic in nature and that this Prime Contractor will be responsible for the design, coordination, and installation of all framing items required to comply with the design intent and as required to comply with applicable codes. All rough carpentry configurations will match adjacent surfaces and be true and flush with adjacent construction as applicable.
29. Prime Contractor to provide temporary weather protection during framing activities to eliminate water penetration into buildings and to ensure all wood framing material (stored or installed) moisture content does not exceed or become higher than maximum moisture content percentage specified. Wood Framing Corrective or remedial work (such as warping, shrinkage, checking, expansion, etc.) required due to weather will be at the expense and responsibility of this prime contractor.
30. Prime Contractor to provide complete Doors, Frames and Hardware Systems including but not limited to Hollow Metal Doors and Frame, Finish Hardware, Louvers and Vents, kick plates, door stops, closures, etc.
31. Provide caulking and sealants between work in this contract and dissimilar finishes, including but not limited to, drywall, plaster, trim, accessories, etc.
32. Provide temporary locks to secure all buildings. Cylinders to be keyed for construction access. Keys (10 copies) to be given to District for distribution and safeguarding. Temporary construction cores will be returned to the Contractor by the District (available for pick up at the District's specified location) after final cores are installed.
33. Prime Contractor to provide all building insulation including but not limited to under deck insulation, wall insulation interior or exterior, batt thermal, sound attenuation insulation, vapor barriers, stick pins, wire lace, staples, fire-safing at all areas except electrical, mechanical and plumbing penetrations, above ceiling insulation, etc. including all necessary attachments.
34. Provide all building and site signage and display units as shown on the drawings and specified.
35. Provide exterior court equipment as shown on the drawings and specified.

Exclusions

- Locks for exterior gates
- Modular Buildings unless specifically included

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BESSIE OWENS JR. HIGH SCHOOL MODERNIZATION – Phase III

STRUCTURAL STEEL, DECKING & MISC. METALS

Provide all construction included in the specifications listed below, work described by the drawings, work defined in the General and Supplementary conditions, work defined in the Division 1/General Requirements, and work defined in the bidding and Contract Document project requirements. All such work is specifically included in the scope of work of this Prime Contractor.

<u>DIVISION 05 - METALS</u>	<u>DIVISION 07 – THERMAL AND MOISTURE PROTECTION</u>
05 12 00 Structural Steel Framing	07 42 00 Perforated Metal Sign Panels
05 12 13 Architecturally Exposed Structural Steel	07 92 00 Joint Sealants*
05 31 00 Steel Decking	
05 50 00 Metal Fabrications	<u>DIVISION 09 - FINISHES</u>
05 52 00 Metal Railings	09 06 00 Colors and Finishes*
	(*) As applicable to this scope of work

Hereinafter all references made to the Prime Contractor will mean the contractor bidding this Bid Package unless noted otherwise. The term "Provide" shall mean all labor, materials and equipment necessary for the complete furnishing and installation of specified item(s) or work.

As further clarification, Prime Contractor shall be responsible for the following:

GENERAL ITEMS (APPLICABLE TO ALL PRIME CONTRACTORS)

1. Prime Contractor must hold all of the appropriate license classifications required, or hold at least one of the required licenses and subcontract with the remaining appropriately licensed contractor(s) to meet the qualification requirements.
2. Prime Contractor is responsible to acquire and Underground Service Alert Permit, if required, for the scope of this package and maintaining it during underground activities. Provide the permit number and expiration date to the District prior to starting underground work.
3. Fully plan and coordinate all work (i.e. work sequence, locations, embedded work, dimensions, layout, elevations, framing, finishes, connections, penetrations, safety, startup and testing, etc.) with all other Prime Contractors prior to performing own work.
4. Prime Contractor is responsible for providing all lift equipment, cranes, forklifts, scaffolding, and other equipment as needed to accomplish work of this Bid Package based on the site conditions at the time of installation.
5. The Prime Contractor understands that it is imperative that work be completed in accordance with the bid schedule or as the work becomes available to them, whichever comes first. The District will try to better the bid schedule, when or if slack or float time becomes available during the course of construction. By doing so, the Prime Contractor agrees this is beneficial to all parties concerned to get their work finished early and agrees to not hold the District responsible for any costs associated with working out of sequence or ahead of schedule, as long as critical path work durations do not change. The Prime Contractor agrees to pursue the work accordingly as directed by the District. Perform any necessary work "out of sequence" to satisfy unique situations or for proper installation of work under this Bid Package.

6. This Prime Contractor shall include fully staffed and capable crews working simultaneously on separate areas of the project as necessary to maintain the project schedule, especially while performing critical path activities.
7. The Prime Contractor shall take whatever means required to assure certain critical elements of work that must be completed during a specific timeframe or project phase, do indeed meet the contract specified dates. It will be the Prime Contractor's responsibility to closely evaluate the bid schedule, prepare submittals and procure long lead items in order to accomplish this work. The Prime Contractor shall include all expediting and extra shipping/delivery costs associated with assuring the critical milestone dates are achieved. If any procurement issues prevent the Prime Contractor from successfully meeting any milestone dates shown in the bid schedule, the Prime Contractor must notify the District in writing within 10 days of the Notice to Proceed. Furthermore, the Prime Contractor shall incorporate into their bid price any extended work weeks, multiple shifts and/or overtime costs to meet the critical milestone dates.
8. The District will provide survey one time if required for this Bid Package. It is the Prime Contractor's responsibility to protect the survey stakes. Any additional survey required for this scope will be the responsibility of this Contractor.
9. The activity work durations shown in the Bid Schedule represent the time needed to perform direct tasks or work only. All time needed for associated or supporting activities required prior to the start of actual work is not considered as part of the durations shown. This includes, but is not limited to pre-installation conferences, site review, layout/field measurement, mockups, RFI clarification, mobilization, material procurement, delivery and staging, scaffolding or shoring, architect/inspector review, coordination of materials, shop drawings or submittals review and trade coordination meetings.. Layout is defined as shop drawing, as well as field layout in conjunction with other trades while work is in progress. This Prime Contractor is required to make site visit(s) a minimum of 2 weeks in advance of scheduled activity (or earlier if needed) and review & implement management of the project tasks as needed to complete the above-referenced tasks so that the project schedule is not impacted, and all durations can be met.
10. Furnish all labor, material, services, equipment, and specific safety measures including but not limited to task safety fencing, trench plates, signage, scaffolding, barricades, shoring, traffic control, safety devices, services or skilled supervision necessary for all work applicable to this Prime Contractor's scope of work.
11. Supply power cords, adapters, etc. as necessary to complete the work of this bid package in a timely manner and in accordance with the construction schedule. Furnish power for welders and any special equipment needing voltage greater than 120V as it pertains to this Bid Package.
12. Electrical Contractor in accordance with the latest CAL OSHA Safety Orders will provide temporary lighting for building access. This Prime Contractor is responsible to provide task lighting as required to facilitate and complete the work of this Bid Package in a timely manner and in accordance with the current Construction Schedule.
13. Prime Contractor is responsible for ensuring their personnel and subcontractors follow all OSHA guidelines and regulations.
14. Be responsible for arranging all inspections required in this Bid Package. Inspection Request to be submitted in writing on approved form with a minimum of 48-hour notice. Prime Contractor to provide any lift equipment, lights or other apparatus required for the Inspector to safely perform inspection.
15. No signs or advertising of any kind will be permitted on or about the Site.
16. Prime Contractor shall comply with the site plan in the civil drawings, in coordination with the District and all Prime Contractors, that indicates areas to be used for lay down of material and equipment; office and storage trailer locations; vehicular access gates with ingress and egress routes; locations of wheel wash and concrete truck wash out activities; and offloading and hoisting locations etc.
17. This Prime Contractor shall remove all waste materials, rubbish, and mud attributable to the work of this Bid

Package to an appropriate disposal location on the jobsite throughout the duration of the project. Broom cleaning and minor trash removal shall be performed each working day. A weekly cleaning shall be performed on every Friday including at a minimum a broom cleaning and the removal of waste materials from all areas of work where installation was performed during that work week. If the Prime Contractor fails to perform progress cleaning or does not maintain the areas adjacent to the Project clean and free of waste materials and rubbish, upon 48 hours written notice (or 24 hours written notice if the debris constitutes a safety hazard) the District may clean up on behalf of the Prime Contractor and at the Prime Contractor's expense with the cost back-charged via credit Change Order. If it cannot be determined who the responsible Prime Contractor is, the costs shall be shared by the Prime Contractors actively working on the Project as determined at the sole discretion of the District.

18. This Prime Contractor shall provide an information update on a bi-weekly basis to the District for use in updating the project Construction Progress Schedule that includes at a minimum; identification of each stage or task of the work specific to this Bid Package, status progress on current work activities and critical path milestone dates, status of outstanding shop drawings and submittals, status of fabrication and related work, status of material procurement (delivery lead time and dates) and identification of the manpower anticipated for all current and upcoming work activities.
19. Prime Contractor to abide by all SWPPS, Dust Pollution Prevention, erosion and sediment control as indicated in various areas of the Contract Documents. Protect all installed erosion control and other devices at all times during construction activities. This Prime Contract to remove, stockpile/safeguard and replace erosion control items or installations as required to accommodate specific work tasks or activity. All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil. Any cost associated with the damage to erosion control devices or non-compliance with these measures shall be charged back to the Prime Contractor.

STRUCTURAL STEEL, DECKING & MISC. METALS

20. Provide all base plates/anchor bolts, sleeves and embeds for items required under this Scope of Work. It is this Contractor's responsibility to provide an onsite Foreman familiar with the project during the installation and placement of all base plates, sleeves (including railings) and embeds to ensure that correct location and elevations are achieved for all items. Coordinate the layout and delivery of these items to accommodate concrete placement schedules. Approve the layout/location of these items before concrete pours and a Foreman is required to be onsite during concrete placement. Verify the location after concrete is placed. Any embeds required after concrete is complete will be the responsibility of this contractor including any demolition, drilling/cutting, patch and repair.
21. Furnish and install complete metal fabrication items including but not limited to, steel framing, supports and decking for building and site canopies, handrails, guardrails, and applications where framing and supports are not specified in other Sections. Provide metal backing plates at exterior light fixtures shown mounted to the underside of the canopy decking.
22. Furnish and install bicycle racks and steel tube hand rails and railings. Provide all required embeds, sleeves, and hardware for complete system and fully coordinate installation with the Concrete Contractor. Verify the correct position of all embeds. Notify the District of any discrepancies immediately.
23. Provide all steel handrails including interior and exterior locations. Furnish all hardware, anchors, and sleeves to be installed by the Concrete Contractor. Fully coordinate this work and verify layout prior and post concrete placement.
24. Provide all steel/metal for a complete Structural Steel Framing Systems including fabrication, erection, field welding, trusses, rolled shapes, special shapes, continuous bent plates, closure plates, pipes, square and rectangular tubing, roof decking and supports, wide flange shapes, angles, steel piping, stud shear connectors, anchor bolts, threaded fasteners, stiffener plates, tension washers, concrete embed, inserts and sleeves, lag bolts, hanger rods, screws, masonry, and concrete anchorage (for items included in this bid package), base plates, templates, etc.

25. Provide and install all steel decking. Coordinate shop drawings with Architectural drawings to ensure that all architectural edge conditions are followed. Provide closure metal, tabs, connection plates, Nelson studs, bulkheads and mud stops at metal decking, etc.
26. Provide and install complete system for perforated metal sign, including all steel shapes, connections, anchors, welding, etc.
27. Provide shop applied prime painting or galvanizing of all structural steel as specified. Include all touch-up in the field as required.
28. All steel that is exposed (i.e. not concealed or fireproofed) should be left in an architectural condition. All lifting tabs will be removed, and welds will be ground smooth to a smoothness level required at the sole discretion of the architect and/or District.
29. Coordinate all structural steel testing activities with the IOR & District's testing laboratory 48 hours prior to commencing work. Provide all identification and certifications required by DSA prior to commencing work. This Prime Contractor is required to coordinate all inspection requests for shop fabrication with the Project Inspector and Construction Manager to alleviate excessive travel time and cost of inspection. All work must be coordinated to accommodate a minimum of 4 hours of inspection per trip
30. Steel Prime Contractor to provide all anchor bolts, templates, sleeves, and other embeds in connection with its scope of work. All furnished embeds will be installed by the Concrete Prime Contractor. Steel Prime Contractor to provide survey and verify proper embed quantity, location, and installation prior to (pre-concrete) and after the concrete placement. Concrete Contractor will have personnel present to correct embed locations during the pre-concrete survey. Prior to the concrete placement, but no later than 24 hours after the pre-concrete placement survey this Prime contractor to provide in writing acceptance of embed locations. Notify immediately the District and Concrete Prime Contractor of any unresolved embed issues. Additionally, the Steel Prime Contractor shall be present during all concrete placement to ensure that embed "location" is maintained and to verify the location after the concrete placement. Concrete Prime Contractor to support all anchor bolts and imbeds properly to ensure no movement during concrete placement and finishing
31. Provide steel items shown at existing buildings on Architectural and Structural drawings.

Exclusions

- Grout/dry pack under columns

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WORK SCOPE SUMMARY
BID PACKAGE # 09

BESSIE OWENS JR. HIGH SCHOOL MODERNIZATION - PHASE III

METAL WALL PANELS & MISC. SHEET METAL

Provide all construction included in the specifications listed below, work described by the drawings, work defined in the General and Supplementary conditions, work defined in the Division 1/General Requirements, and work defined in the bidding and Contract Document project requirements. All such work is specifically included in the scope of work of this Prime Contractor.

<u>DIVISION 07 – THERMAL AND MOISTURE PROTECTION</u>	<u>DIVISION 09 - FINISHES</u>
	09 06 00 Colors and Finishes*
07 42 13 Metal Wall Panels	
07 62 00 Sheet Metal Flashing and Trim	
07 65 00 Flexible Flashing	
07 92 00 Joint Sealants*	
07 95 13 Expansion Joint Cover Assemblies	(*) As applicable to this scope of work

Hereinafter all references made to the Prime Contractor will mean the contractor bidding this Bid Package unless noted otherwise. The term "Provide" shall mean all labor, materials and equipment necessary for the complete furnishing and installation of specified item(s) or work.

As further clarification, Prime Contractor shall be responsible for the following:

GENERAL ITEMS (APPLICABLE TO ALL PRIME CONTRACTORS)

1. Prime Contractor must hold all of the appropriate license classifications required, or hold at least one of the required licenses and subcontract with the remaining appropriately licensed contractor(s) to meet the qualification requirements.
2. Prime Contractor is responsible to acquire and Underground Service Alert Permit, if required, for the scope of this package and maintaining it during underground activities. Provide the permit number and expiration date to the District prior to starting underground work.
3. Fully plan and coordinate all work (i.e. work sequence, locations, embedded work, dimensions, layout, elevations, framing, finishes, connections, penetrations, safety, startup and testing, etc.) with all other Prime Contractors prior to performing own work.
4. Prime Contractor is responsible for providing all lift equipment, cranes, forklifts, scaffolding, and other equipment as needed to accomplish work of this Bid Package based on the site conditions at the time of installation.
5. The Prime Contractor understands that it is imperative that work be completed in accordance with the bid schedule or as the work becomes available to them, whichever comes first. The District will try to better the bid schedule, when or if slack or float time becomes available during the course of construction. By doing so, the Prime Contractor agrees this is beneficial to all parties concerned to get their work finished early and agrees to not hold the District responsible for any costs associated with working out of sequence or ahead of schedule, as long as critical path work durations do not change. The Prime Contractor agrees to pursue the work accordingly as directed by the District. Perform any necessary work "out of sequence" to satisfy unique situations or for proper installation of work under this Bid Package.
6. This Prime Contractor shall include fully staffed and capable crews working simultaneously on separate areas of the project as necessary to maintain the project schedule, especially while performing critical path activities.

7. The Prime Contractor shall take whatever means required to assure certain critical elements of work that must be completed during a specific timeframe or project phase, do indeed meet the contract specified dates. It will be the Prime Contractor's responsibility to closely evaluate the bid schedule, prepare submittals and procure long lead items in order to accomplish this work. The Prime Contractor shall include all expediting and extra shipping/delivery costs associated with assuring the critical milestone dates are achieved. If any procurement issues prevent the Prime Contractor from successfully meeting any milestone dates shown in the bid schedule, the Prime Contractor must notify the District in writing within 10 days of the Notice to Proceed. Furthermore, the Prime Contractor shall incorporate into their bid price any extended work weeks, multiple shifts and/or overtime costs to meet the critical milestone dates.
8. The District will provide survey one time if required for this Bid Package. It is the Prime Contractor's responsibility to protect the survey stakes. Any additional survey required for this scope will be the responsibility of this Contractor.
9. The activity work durations shown in the Bid Schedule represent the time needed to perform direct tasks or work only. All time needed for associated or supporting activities required prior to the start of actual work is not considered as part of the durations shown. This includes, but is not limited to pre-installation conferences, site review, layout/field measurement, mockups, RFI clarification, mobilization, material procurement, delivery and staging, scaffolding or shoring, architect/inspector review, coordination of materials, shop drawings or submittals review and trade coordination meetings.. Layout is defined as shop drawing, as well as field layout in conjunction with other trades while work is in progress. This Prime Contractor is required to make site visit(s) a minimum of 2 weeks in advance of scheduled activity (or earlier if needed) and review & implement management of the project tasks as needed to complete the above-referenced tasks so that the project schedule is not impacted, and all durations can be met.
10. Furnish all labor, material, services, equipment, and specific safety measures including but not limited to task safety fencing, trench plates, signage, scaffolding, barricades, shoring, traffic control, safety devices, services or skilled supervision necessary for all work applicable to this Prime Contractor's scope of work.
11. Supply power cords, adapters, etc. as necessary to complete the work of this bid package in a timely manner and in accordance with the construction schedule. Furnish power for welders and any special equipment needing voltage greater than 120V as it pertains to this Bid Package.
12. Electrical Contractor in accordance with the latest CAL OSHA Safety Orders will provide temporary lighting for building access. This Prime Contractor is responsible to provide task lighting as required to facilitate and complete the work of this Bid Package in a timely manner and in accordance with the current Construction Schedule.
13. Prime Contractor is responsible for ensuring their personnel and subcontractors follow all OSHA guidelines and regulations.
14. Be responsible for arranging all inspections required in this Bid Package. Inspection Request to be submitted in writing on approved form with a minimum of 48-hour notice. Prime Contractor to provide any lift equipment, lights or other apparatus required for the Inspector to safely perform inspection.
15. No signs or advertising of any kind will be permitted on or about the Site.
16. Prime Contractor shall comply with the site plan in the civil drawings, in coordination with the District and all Prime Contractors, that indicates areas to be used for lay down of material and equipment; office and storage trailer locations; vehicular access gates with ingress and egress routes; locations of wheel wash and concrete truck wash out activities; and offloading and hoisting locations etc.
17. This Prime Contractor shall remove all waste materials, rubbish, and mud attributable to the work of this Bid Package to an appropriate disposal location on the jobsite throughout the duration of the project. Broom cleaning and minor trash removal shall be performed each working day. A weekly cleaning shall be performed on every Friday including at a minimum a broom cleaning and the removal of waste materials from all areas of

work where installation was performed during that work week. If the Prime Contractor fails to perform progress cleaning or does not maintain the areas adjacent to the Project clean and free of waste materials and rubbish, upon 48 hours written notice (or 24 hours written notice if the debris constitutes a safety hazard) the District may clean up on behalf of the Prime Contractor and at the Prime Contractor's expense with the cost back-charged via credit Change Order. If it cannot be determined who the responsible Prime Contractor is, the costs shall be shared by the Prime Contractors actively working on the Project as determined at the sole discretion of the District.

18. This Prime Contractor shall provide an information update on a bi-weekly basis to the District for use in updating the project Construction Progress Schedule that includes at a minimum; identification of each stage or task of the work specific to this Bid Package, status progress on current work activities and critical path milestone dates, status of outstanding shop drawings and submittals, status of fabrication and related work, status of material procurement (delivery lead time and dates) and identification of the manpower anticipated for all current and upcoming work activities.
19. Prime Contractor to abide by all SWPPS, Dust Pollution Prevention, erosion and sediment control as indicated in various areas of the Contract Documents. Protect all installed erosion control and other devices at all times during construction activities. This Prime Contract to remove, stockpile/safeguard and replace erosion control items or installations as required to accommodate specific work tasks or activity. All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil. Any cost associated with the damage to erosion control devices or non-compliance with these measures shall be charged back to the Prime Contractor.

METAL WALL PANELS & MISC. SHEET METAL

20. Prime Contractor to provide and install a complete functioning Metal Panel Wall System at the Elite Modular Administration Building including but not limited to metal wall panels, layout, flashings, trim, coordination and cutting of panels for penetrations by other trades, weather vapor barrier, underlayment, misc. framing, furring, fasteners, attachments, clips, backing plates, closure strips, gaskets, sealants, etc.
21. Provide all expansion joints, sheet metal flashings, flexible flashings, edge metals, break metals, extruded aluminum metals, and other appurtenances, or accessories, required for this bid package. Provide all clips, supports, anchors, fasteners and other appurtenances or accessories required for this scope of work.

Exclusions

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WORK SCOPE SUMMARY
BID PACKAGE # 15

BESSIE OWENS JR. HIGH SCHOOL MODERNIZATION – PHASE III

FLOORING

Provide all construction included in the specifications listed below, work described by the drawings, work defined in the General and Supplementary conditions, work defined in the Division 1/General Requirements, and work defined in the bidding and Contract Document project requirements. All such work is specifically included in the scope of work of this Prime Contractor.

<u>DIVISION 07 – THERMAL AND MOISTURE PROTECTION</u>	<u>DIVISION 09 - FINISHES</u>
07 92 00 Joint Sealants*	09 05 65 Concrete Moisture System
	09 06 00 Colors and Finishes*
	09 65 13 Resilient Base and Accessories
	09 68 13 Tile Carpeting
	(*) As applicable to this scope of work

Hereinafter all references made to the Prime Contractor will mean the contractor bidding this Bid Package unless noted otherwise. The term “Provide” shall mean all labor, materials and equipment necessary for the complete furnishing and installation of specified item(s) or work.

As further clarification, Prime Contractor shall be responsible for the following:

GENERAL ITEMS (APPLICABLE TO ALL PRIME CONTRACTORS)

1. Prime Contractor must hold all of the appropriate license classifications required, or hold at least one of the required licenses and subcontract with the remaining appropriately licensed contractor(s) to meet the qualification requirements.
2. Prime Contractor is responsible to acquire and Underground Service Alert Permit, if required, for the scope of this package and maintaining it during underground activities. Provide the permit number and expiration date to the District prior to starting underground work.
3. Fully plan and coordinate all work (i.e. work sequence, locations, embedded work, dimensions, layout, elevations, framing, finishes, connections, penetrations, safety, startup and testing, etc.) with all other Prime Contractors prior to performing own work.
4. Prime Contractor is responsible for providing all lift equipment, cranes, forklifts, scaffolding, and other equipment as needed to accomplish work of this Bid Package based on the site conditions at the time of installation.
5. The Prime Contractor understands that it is imperative that work be completed in accordance with the bid schedule or as the work becomes available to them, whichever comes first. The District will try to better the bid schedule, when or if slack or float time becomes available during the course of construction. By doing so, the Prime Contractor agrees this is beneficial to all parties concerned to get their work finished early and agrees to not hold the District responsible for any costs associated with working out of sequence or ahead of schedule, as long as critical path work durations do not change. The Prime Contractor agrees to pursue the work accordingly as directed by the District. Perform any necessary work “out of sequence” to satisfy unique situations or for proper installation of work under this Bid Package.
6. This Prime Contractor shall include fully staffed and capable crews working simultaneously on separate areas of the project as necessary to maintain the project schedule, especially while performing critical path activities.

7. The Prime Contractor shall take whatever means required to assure certain critical elements of work that must be completed during a specific timeframe or project phase, do indeed meet the contract specified dates. It will be the Prime Contractor's responsibility to closely evaluate the bid schedule, prepare submittals and procure long lead items in order to accomplish this work. The Prime Contractor shall include all expediting and extra shipping/delivery costs associated with assuring the critical milestone dates are achieved. If any procurement issues prevent the Prime Contractor from successfully meeting any milestone dates shown in the bid schedule, the Prime Contractor must notify the District in writing within 10 days of the Notice to Proceed. Furthermore, the Prime Contractor shall incorporate into their bid price any extended work weeks, multiple shifts and/or overtime costs to meet the critical milestone dates.
8. The District will provide survey one time if required for this Bid Package. It is the Prime Contractor's responsibility to protect the survey stakes. Any additional survey required for this scope will be the responsibility of this Contractor.
9. The activity work durations shown in the Bid Schedule represent the time needed to perform direct tasks or work only. All time needed for associated or supporting activities required prior to the start of actual work is not considered as part of the durations shown. This includes, but is not limited to pre-installation conferences, site review, layout/field measurement, mockups, RFI clarification, mobilization, material procurement, delivery and staging, scaffolding or shoring, architect/inspector review, coordination of materials, shop drawings or submittals review and trade coordination meetings.. Layout is defined as shop drawing, as well as field layout in conjunction with other trades while work is in progress. This Prime Contractor is required to make site visit(s) a minimum of 2 weeks in advance of scheduled activity (or earlier if needed) and review & implement management of the project tasks as needed to complete the above-referenced tasks so that the project schedule is not impacted, and all durations can be met.
10. Furnish all labor, material, services, equipment, and specific safety measures including but not limited to task safety fencing, trench plates, signage, scaffolding, barricades, shoring, traffic control, safety devices, services or skilled supervision necessary for all work applicable to this Prime Contractor's scope of work.
11. Supply power cords, adapters, etc. as necessary to complete the work of this bid package in a timely manner and in accordance with the construction schedule. Furnish power for welders and any special equipment needing voltage greater than 120V as it pertains to this Bid Package.
12. Electrical Contractor in accordance with the latest CAL OSHA Safety Orders will provide temporary lighting for building access. This Prime Contractor is responsible to provide task lighting as required to facilitate and complete the work of this Bid Package in a timely manner and in accordance with the current Construction Schedule.
13. Prime Contractor is responsible for ensuring their personnel and subcontractors follow all OSHA guidelines and regulations.
14. Be responsible for arranging all inspections required in this Bid Package. Inspection Request to be submitted in writing on approved form with a minimum of 48-hour notice. Prime Contractor to provide any lift equipment, lights or other apparatus required for the Inspector to safely perform inspection.
15. No signs or advertising of any kind will be permitted on or about the Site.
16. Prime Contractor shall comply with the site plan in the civil drawings, in coordination with the District and all Prime Contractors, that indicates areas to be used for lay down of material and equipment; office and storage trailer locations; vehicular access gates with ingress and egress routes; locations of wheel wash and concrete truck wash out activities; and offloading and hoisting locations etc.
17. This Prime Contractor shall remove all waste materials, rubbish, and mud attributable to the work of this Bid Package to an appropriate disposal location on the jobsite throughout the duration of the project. Broom cleaning and minor trash removal shall be performed each working day. A weekly cleaning shall be performed on every Friday including at a minimum a broom cleaning and the removal of waste materials from all areas of

work where installation was performed during that work week. If the Prime Contractor fails to perform progress cleaning or does not maintain the areas adjacent to the Project clean and free of waste materials and rubbish, upon 48 hours written notice (or 24 hours written notice if the debris constitutes a safety hazard) the District may clean up on behalf of the Prime Contractor and at the Prime Contractor's expense with the cost back-charged via credit Change Order. If it cannot be determined who the responsible Prime Contractor is, the costs shall be shared by the Prime Contractors actively working on the Project as determined at the sole discretion of the District.

18. This Prime Contractor shall provide an information update on a bi-weekly basis to the District for use in updating the project Construction Progress Schedule that includes at a minimum; identification of each stage or task of the work specific to this Bid Package, status progress on current work activities and critical path milestone dates, status of outstanding shop drawings and submittals, status of fabrication and related work, status of material procurement (delivery lead time and dates) and identification of the manpower anticipated for all current and upcoming work activities.
19. Prime Contractor to abide by all SWPPS, Dust Pollution Prevention, erosion and sediment control as indicated in various areas of the Contract Documents. Protect all installed erosion control and other devices at all times during construction activities. This Prime Contractor to remove, stockpile/safeguard and replace erosion control items or installations as required to accommodate specific work tasks or activity. All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil. Any cost associated with the damage to erosion control devices or non-compliance with these measures shall be charged back to the Prime Contractor.

FLOORING

20. Prime Contractor to provide complete Carpet Flooring Systems including carpeting, carpet cushion, walk-off carpet, resilient base, carpet accessories, carpet edge guard, adhesive, cement, misc. materials, substrate leveling, and patching as needed, etc.
21. Prime Contractor to include all floor prep including but not limited to grinding, bushing, filling or leveling, of concrete. Remove any residual paint/layout markings on the concrete prior to the installation of flooring.
22. Prime Contractor to inspect all substrate surfaces prior to application of the Flooring System. Provide concrete testing for moisture and Ph levels per contract documents. Prime Contractor shall notify District in writing of any problems requiring corrective action. If notice is not provided, this Prime Contractor shall be responsible for all remedial repairs.
23. Prime Contractor to provide heaters and fans to ventilate areas receiving finishes if the HVAC system is not operational at the time of installation. Provide climate controlled storage of all materials prior to installation.
24. Prime Contractor to provide all flooring materials, prep and installation labor for carpet tile and resilient base at all existing classroom buildings and new modular administration / library building. Provide Concrete Moisture System as specified.
25. Provide moisture control system as specified for all flooring installation.

Exclusions

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WORK SCOPE SUMMARY
BID PACKAGE # 17

BESSIE OWENS JR. HIGH SCHOOL MODERNIZATION – PHASE III

ELECTRICAL, FIRE ALARM & COMMUNICATIONS

Provide all construction included in the specifications listed below, work described by the drawings, work defined in the General and Supplementary conditions, work defined in the Division 1/General Requirements, and work defined in the bidding and Contract Document project requirements. All such work is specifically included in the scope of work of this Prime Contractor.

<u>DIVISION 02 – EXISTING CONDITIONS</u>	<u>DIVISION 28 – FIRE ALARM</u>
02 41 19 Selective Demolition* (Electrical)	All Sections Included in Division 28
<u>DIVISION 26 - ELECTRICAL</u>	<u>DIVISION 31 – EARTHWORK</u>
All Sections Included in Division 26	31 23 16 Trenching, Backfill and Compacting*
<u>DIVISION 27 - COMMUNICATIONS</u>	
All Sections Included in Division 27	(*) As applicable to this scope of work

Hereinafter all references made to the Prime Contractor will mean the contractor bidding this Bid Package unless noted otherwise. The term “Provide” shall mean all labor, materials and equipment necessary for the complete furnishing and installation of specified item(s) or work.

As further clarification, Prime Contractor shall be responsible for the following:

GENERAL TASKS (APPLICABLE TO ALL PRIME CONTRACTORS)

1. Prime Contractor must hold all of the appropriate license classifications required, or hold at least one of the required licenses and subcontract with the remaining appropriately licensed contractor(s) to meet the qualification requirements.
2. Fully plan and coordinate all work (i.e. work sequence, locations, embedded work, dimensions, layout, elevations, framing, finishes, connections, penetrations, safety, startup and testing, etc.) with all other Prime Contractors prior to performing own work.
3. The Prime Contractor understands that it is imperative that work be completed in accordance with the bid schedule or as the work becomes available to them, whichever comes first. The Construction Manager will try to better the bid schedule, when or if slack or float time becomes available during the course of construction. By doing so, the Prime Contractor agrees this is beneficial to all parties concerned to get their work finished early and agrees to not hold the District responsible for any costs associated with working out of sequence or ahead of schedule, as long as critical path work durations do not change. The Prime Contractor agrees to pursue the work accordingly as directed by the Construction Manager. Perform any necessary work “out of sequence” to satisfy unique situations or for proper installation of work under this Bid Package.
4. This Prime Contractor shall include fully staffed and capable crews working simultaneously on separate areas of the project as necessary to maintain the project schedule, especially while performing critical path activities.
5. The Prime Contractor shall take whatever means required to assure certain critical elements of work that must be completed during a specific timeframe or project phase, do indeed meet the contract specified dates. It will be the Prime Contractor’s responsibility to closely evaluate the bid schedule, prepare submittals and procure long lead items in order to accomplish this work. The Prime Contractor shall include all expediting and extra shipping/delivery costs associated with assuring the critical milestone dates are achieved. If any procurement issues prevent the Prime Contractor from successfully meeting any milestone dates shown in the bid schedule,

the Prime Contractor must notify the Construction Manager in writing within 10 days of the Notice to Proceed. Furthermore, the Prime Contractor shall incorporate into their bid price any extended work weeks, multiple shifts and/or overtime costs to meet the critical milestone dates.

6. The District will provide a benchmark at the start of the project for all Prime Contractor use. This Prime Contractor is responsible for providing all surveying and staking necessary to layout, coordinate and perform their scope of work throughout the duration of the project. This includes, but is not limited to, initial survey, intermediate staking (either as required or for convenience) and refreshing of damaged or missing stakes as a result of the work under this Bid Package. Provide protection for all stakes installed under this Bid Package to prevent damage from other trades.
7. The activity work durations shown in the Bid Schedule represent the time needed to perform direct tasks or work only. All time needed for associated or supporting activities required prior to the start of actual work is not considered as part of the durations shown. This includes, but is not limited to pre-installation conferences, site review, layout/field measurement, mockups, RFI clarification, mobilization, material procurement, delivery and staging, scaffolding or shoring, architect/inspector review, coordination of materials, shop drawings or submittals review and trade coordination meetings.. Layout is defined as shop drawing, as well as field layout in conjunction with other trades while work is in progress. This Prime Contractor is required to make site visit(s) a minimum of 2 weeks in advance of scheduled activity (or earlier if needed) and review & implement management of the project tasks as needed to complete the above-referenced tasks so that the project schedule is not impacted, and all durations can be met.
8. Furnish all labor, material, services, equipment, and specific safety measures including but not limited to task safety fencing, trench plates, signage, scaffolding, barricades, shoring, traffic control, safety devices, services or skilled supervision necessary for all work applicable to this Prime Contractor's scope of work.
9. Supply power cords, adapters, etc as necessary to complete the work of this bid package in a timely manner and in accordance with the construction schedule. Furnish power for welders and any special equipment needing voltage greater than 120V as it pertains to this Bid Package.
10. Electrical Contractor in accordance with the latest CAL OSHA Safety Orders will provide temporary lighting for building access. This Prime Contractor is responsible to provide task lighting as required to facilitate and complete the work of this Bid Package in a timely manner and in accordance with the current Construction Schedule.
11. Be responsible for arranging all inspections required in this Bid Package. Prime Contractor to provide any lift equipment or other apparatus required for the Inspector to safely perform inspection
12. No signs or advertising of any kind will be permitted on or about the Site.
13. Prime Contractor shall comply with the site plan in the civil drawings, in coordination with the Construction Manager and all Prime Contractors, that indicates areas to be used for lay down of material and equipment; office and storage trailer locations; vehicular access gates with ingress and egress routes; locations of wheel wash and concrete truck wash out activities; and offloading and hoisting locations etc.
14. This Prime Contractor shall remove all waste materials, rubbish, and mud attributable to the work of this Bid Package to an appropriate disposal location on the jobsite throughout the duration of the project. Broom cleaning and minor trash removal shall be performed each working day. A weekly cleaning shall be performed on every Friday including at a minimum a broom cleaning and the removal of waste materials from all areas of work where installation was performed during that work week. If the Prime Contractor fails to perform progress cleaning or does not maintain the areas adjacent to the Project clean and free of waste materials and rubbish, upon 48 hours written notice (or 24 hours written notice if the debris constitutes a safety hazard) the District or Construction Manager may clean up on behalf of the Prime Contractor and at the Prime Contractor's expense with the cost back-charged via credit Change Order. If it cannot be determined who the responsible Prime Contractor is, the costs shall be shared by the Prime Contractors actively working on the Project as determined at the sole discretion of the Construction Manager.

15. This Prime Contractor shall provide an information update on a bi-weekly basis to the Construction Manager for use in updating the project Construction Progress Schedule that includes at a minimum; identification of each stage or task of the work specific to this Bid Package, status progress on current work activities and critical path milestone dates, status of outstanding shop drawings and submittals, status of fabrication and related work, status of material procurement (delivery lead time and dates) and identification of the manpower anticipated for all current and upcoming work activities.
16. The initial installation of erosion control devices shown in the plans as well as additional sandbagging, silt fencing, and erosion control devices as needed to protect the site throughout construction will be provided by others. Prime Contractor to abide by all SWPPS, erosion and sediment control as indicated in various areas of the Contract Documents. Protect all installed erosion control and other devices at all times during construction activities. This Prime Contract to remove, stockpile/safeguard and replace erosion control items or installations as required to accommodate specific work tasks or activity. All stock piles and construction materials shall be covered, enclosed on all sides, shall be located as far away as possible from drain inlets and any waterway, and shall not be stored in contact with the soil. Any cost associated with the damage to erosion control devices or non-compliance with these measures shall be charged back to the Prime Contractor.

ELECTRICAL, FIRE ALARM & COMMUNICATIONS

17. Prime Contractor to provide safe off of electrical service prior to demolition activities performed by the Demolition Prime Contractor.
18. Prime Contractor to provide complete On-Site Electrical Underground Utility Systems including but not limited to underground & above ground data and power conduit distribution, pull boxes, vaults, excavation, compaction, trenching, concrete slurry, sleeves, duct banks, tape, backfill, cabling, wiring, anchorage and other materials as required for the complete system.
19. Provide all saw cutting and demolition of all hardscape as required to complete this scope of work. Provide patch back of any existing hardscape demolished under this scope of work.
20. Provide all potholing, excavation, trenching, shoring, backfill, demolition, capping, recompaction, regrading, and removal of spoils from the site.
21. Prime Contractor responsible to acquire and Underground Service Alert Permit for the scope of this package and maintaining it during underground activities. Provide the permit number and expiration date to the District prior to starting underground work.
22. Provide trenching, excavation, backfill and spoil haul off, maintaining plus or minus 0.10 feet of finish grade. Backfilling and compaction to be per soils report. Initial compaction testing shall be by the District representative, all retests shall be back-charged to this Prime Contractor.
23. Prime Contractor to provide soil import or export as required for the completion of this work scope. Include removal of all soil spoils generated by this bid package. Obtain approval for all import soil and backfill materials from the District's Soils Testing Consultant prior to commencing work. All soil spoils generated by this scope must be removed from the project site. No stockpiling of dirt shall be allowed adjacent to buildings, near footings or at locations that are adjacent to or impeding site utility work or other underground installations.
24. All single line and electrical drawings are diagrams and schematic in nature and actual locations of fixtures and routing of conduit and wiring will vary due to actual project conditions. Include all necessary relocations and rerouting as required for a complete functional system.
25. Prime Contractor to provide relocation Fire Alarm Panel & Systems. Work includes but is not limited to the conduit, wiring, devices, all panel types, network cards and media cards, testing, programming and training.
26. Perform the final fire alarm test and acceptance with the appropriate governing agencies when required at the completion of the project. After hours and weekend testing shall be included at no extra charge if required.

27. Prior to the programming of the fire alarm panels, verify with District that all room numbers and designations have not been changed from the plans. Any re-programming needed to remedy incorrect room numbering shall be done immediately at no additional cost.
28. Provide final clean-up of all exterior onsite hardscape areas at the completion of the project including broom sweep, pressure wash and remove all dirt, debris and tire marks left by this Prime Contractor. This Prime Contractor must clean-up after their work on a regular basis in accordance with the general/supplemental conditions and this bid scope/package.

Exclusions

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Owens Jr. High Phase III Modernization Building K Bid Schedule

5/15/2023

Construction Dates Overview	
Project Advertisement / Bid / Contracts	Begin May 5, 2023 Complete July 7, 2023
New Perm. Modular Building K	Begin July 10, 2023 Complete May 1, 2024

	May-23				Jun-23				Jul-23					Aug-23				Sep-23			
Project Advertisement / Bid / Contracts	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4	Week 5	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4
30 Day Advertisement (May 5, 2023 - June 7, 2023)	Yellow	Yellow	Yellow	Yellow																	
Non-Mandatory Pre-Bid Job Walk (May 17, 2023)			Red																		
Bids Due (June 7, 2023)					Green																
Review Bids, Board Approval, Award Contracts					Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue								
Modular Building K Submittals / Material Procurement										Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange				
	Sep-23				Oct-23				Nov-23					Dec-23				Jan-24			
New Modular Administration / Library Building K	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4	Week 5	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4
Modular Building K In-Plant Production	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow				
Building K Activities Completed by Others																					
Rough Grading / Over-Ex / Recompact - Complete																					
Excavate Building Footings - Complete																					
Building Crawl Space Drains and Dry Wells - Complete																					
Form Foundation, Place Rebar and Building Embeds - Complete																					
Place Concrete Stem wall Footings - Complete																					
Strip, Clean Up & Place Slurry Rodent Slab - Complete																					
Concrete Foundation Cure - Complete																					
	Dec-23				Jan, 2024				Feb-24					Mar-24				Apr-24			
New Modular Administration / Library Building K (Continued)	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4	Week 5	Week 1	Week 2	Week 3	Week 4	Week 1	Week 2	Week 3	Week 4
Modular Building Delivery to Site December 27, 2023				Blue																	
Crane Set Modular Building Onto Concrete Foundation 1/3/2024				Orange																	
Modular Building Company Site Activities					Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Casework & Countertops (District Staff)													Green	Green	Green	Green	Green				
Flooring (Bid Package 15)																Blue	Blue	Blue	Blue	Blue	Blue
Building K Exterior Steel Canopies & Concrete Foundations														Red	Red	Red	Red	Red	Red	Red	Red
Metal Wall Panels														Orange	Orange	Orange	Orange	Orange	Orange	Orange	Orange
Install Concrete Vent Boxes / Grates						Green	Green	Green													
Interior Electrical, Lighting Controls, Fire Alarm & Communications									Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue				
Backfill Building Foundation, Fine Grade									Orange	Orange	Orange	Orange									
Site Concrete Building K (South West Corner of Campus)														Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
Landscape & Irrigation Building K (South West Corner of Campus)																		Red	Red	Red	Red

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BP 18 Modular Building K

Reference Only, Embeds and Grates provided by Concrete Contractor

Date: 01/20/2023

Submittal No: 04

Project: Bessie Owens Junior High School Phase III
BP 02 Grading & Concrete
815 Eureka St.
Bakersfield, CA 93305

Owner: Bakersfield City School District
1501 Feliz Dr
Bakersfield, CA 93307

Architect: IBI GROUP ARCHITECTURE PLANNING
4119 BROAD STREET, SUITE 210
SAN LUIS OBISPO, CA 93401

Contractor: JTS Construction
P.O. Box 41765
Bakersfield, CA 93384-1765

Subcontractor: Alley's Welding

Submittal: Grates and Embeds

SUBMITTAL / SHOP DRAWING REVIEW

- NO EXCEPTION TAKEN
- REJECTED
- REVISE AND RESUBMIT
- MAKE CORRECTIONS NOTED
- SUBMIT SPECIFIC ITEM
- NOT REVIEWED

DATE: 2.1.23 BY: SCI

NOTE:
MATERIAL QTY HAS
NOT BEEN REVIEWED.

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. APPROVAL OF A SPECIFIC ITEM SHALL NOT INCLUDE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS, WHICH SHALL BE CONFIRMED AND COMPLETED AT THE JOB SITE. FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND THE SATISFACTORY PERFORMANCE OF HIS OR HER WORK.

SILVER CREEK INDUSTRIES, INC.
2830 BARRETT AVE.
PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393
FAX: 951-943-2211

Contractor's Stamp

JTS CONSTRUCTION

BY: Greg Torres

DATE: 1/20/2023

REVIEWED/RESUBMIT

Architect's Stamp

Reviewed

Submittal has been reviewed in accordance with Contract Documents.

- No Exceptions Taken
- Make Corrections Noted
- Revise and Resubmit
- Rejected

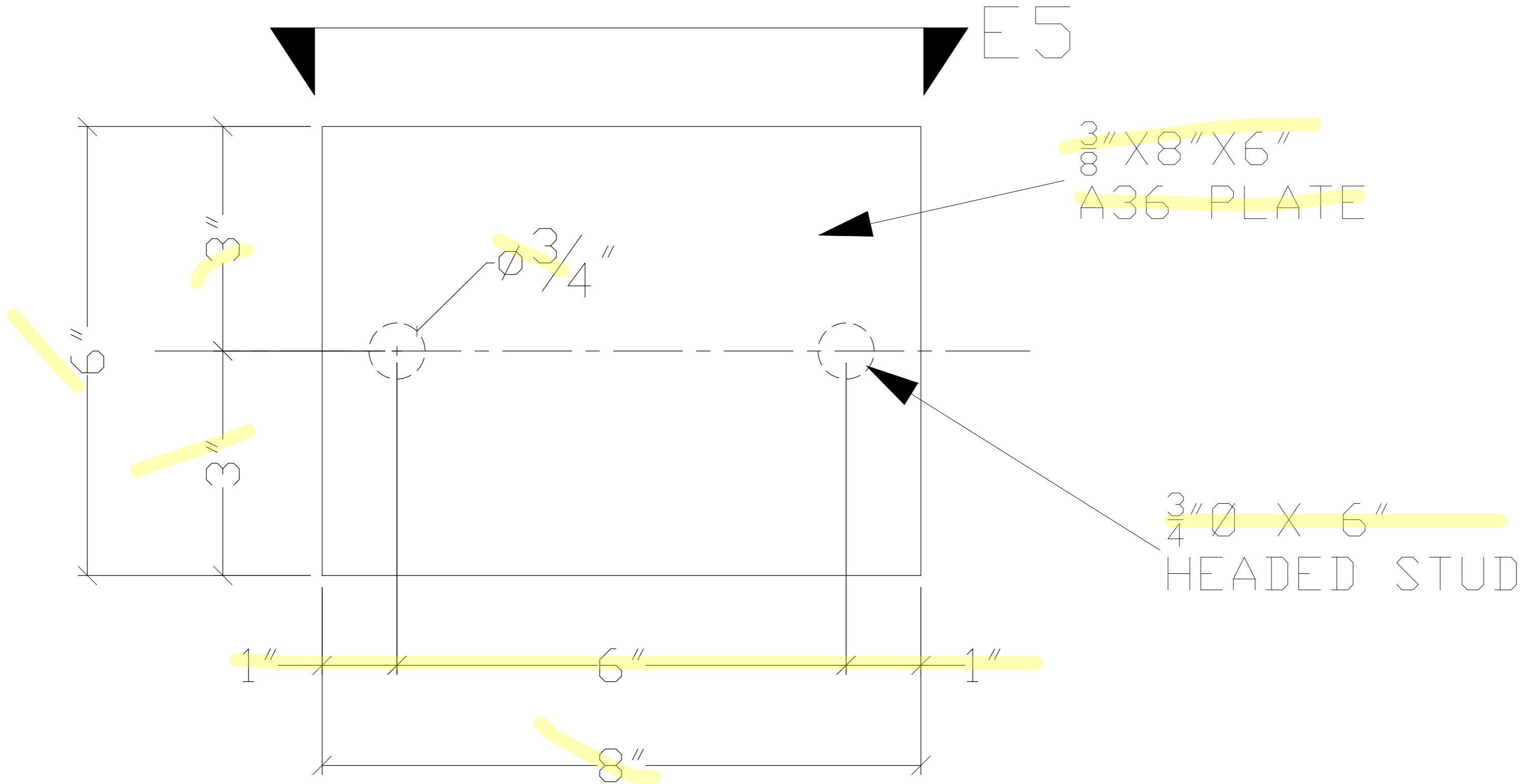
IBI Group Architecture Planning

date: 02/02/23 by: Ruben R.

Refer to IBI comments.

PLAN VIEW

43 EA EMBED PLATES

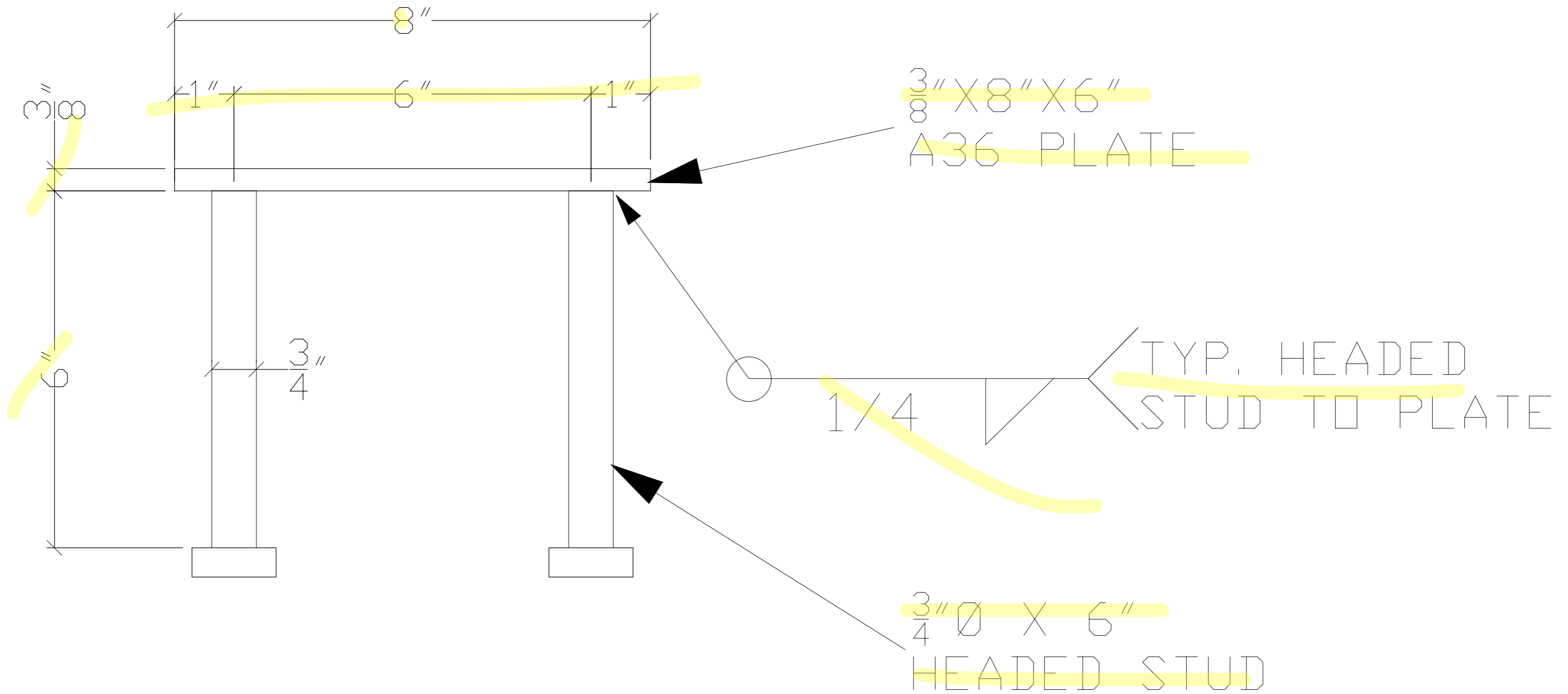


PER 7/F-2.51

ARCH.	IBI GROUP ARCHITECTURE PLANNING	Admin, Library&Parent Center Building Embed Plates	ALLEY'S WELDING INC. 21038 BURGESS CT. BAKERSFIELD, CA 93314 PH. (661) 588-5998 FAX (661) 588-5730 CA. LIC# 756723	DRAWN BY: BA
ENG.	ELITE MODULAR	BESSIE OWENS JR. HIGH MODERNIZATION PHASE 3		DATE: Jan. 16, 2023 REV. DATE:
CUSTOMER	JTS CONSTRUCTION INC.		L.A. CITY FAB # 01911	JOB NO. 72-23-1
				SHT. E4

CUT VIEW E5
43 EA EMBED PLATES

PER 7/F-2.51



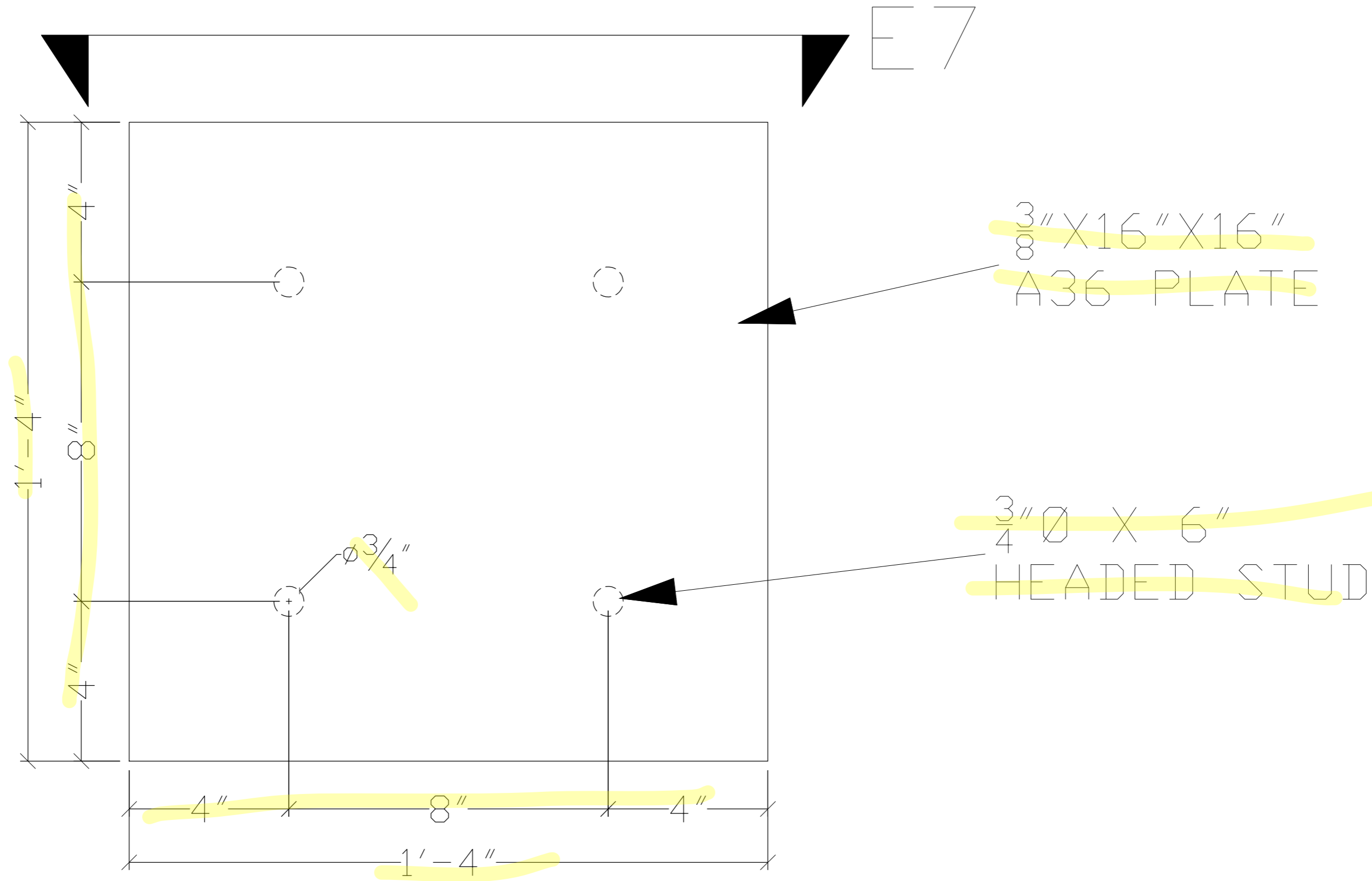
BILL OF MATERIALS

- (43) $\frac{3}{8}$ " X 8" X 6" A36 PLATE
- (86) $\frac{3}{4}$ " \emptyset X 6" HEADED STUD

ARCH.	IBI GROUP ARCHITECTURE PLANNING	Admin, Library & Parent Center Building Embed Plates	ALLEY'S WELDING INC. 21038 BURGESS CT. BAKERSFIELD, CA 93314 PH. (661) 588-5998 FAX (661) 588-5730 CA. LIC# 756723	DRAWN BY: BA
ENG.	ELITE MODULAR	BESSIE OWENS JR. HIGH MODERNIZATION PHASE 3		DATE: Jan. 16, 2023
CUSTOMER	JTS CONSTRUCTION INC.		L.A. CITY FAB # 01911	JOB NO. 72-23-1
				SHT. E5

PLAN VIEW
26 EA EMBED PLATES

PER 14/F-2.51



E7

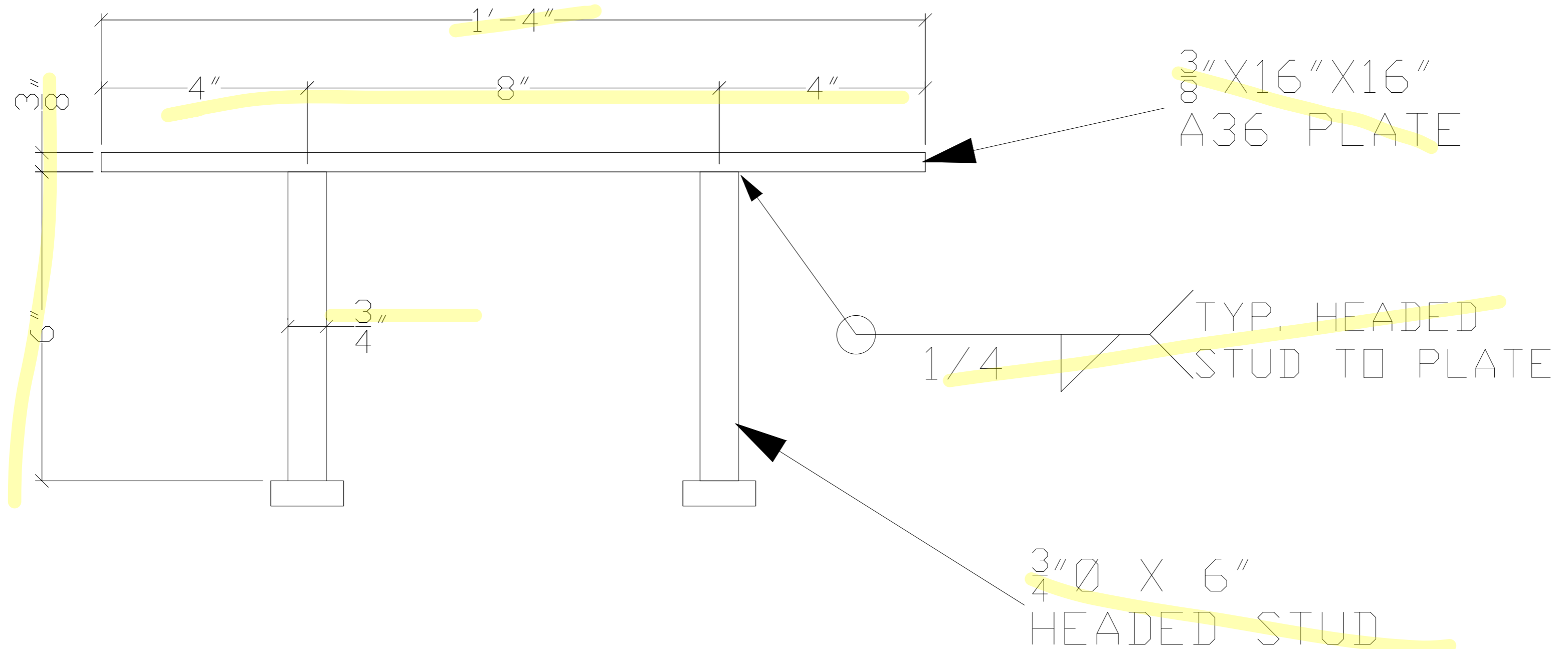
ARCH.	IBI GROUP ARCHITECTURE PLANNING
ENG.	ELITE MODULAR
CUSTOMER	JTS CONSTRUCTION INC.

Admin, Library&Parent Center Building Embed Plates
BESSIE OWENS JR. HIGH MODERNIZATION PHASE 3

ALLEY'S WELDING INC.
21038 BURGESS CT. BAKERSFIELD, CA 93314
PH. (661) 588-5998 FAX (661) 588-5730
CA. LIC# 756723 L.A. CITY FAB # 01911

DRAWN BY: BA
DATE: Jan. 16, 2023
REV. DATE:
JOB NO. 72-23-1
SHT. E6

CUT VIEW E7
26 EA EMBED PLATES



BILL OF MATERIALS

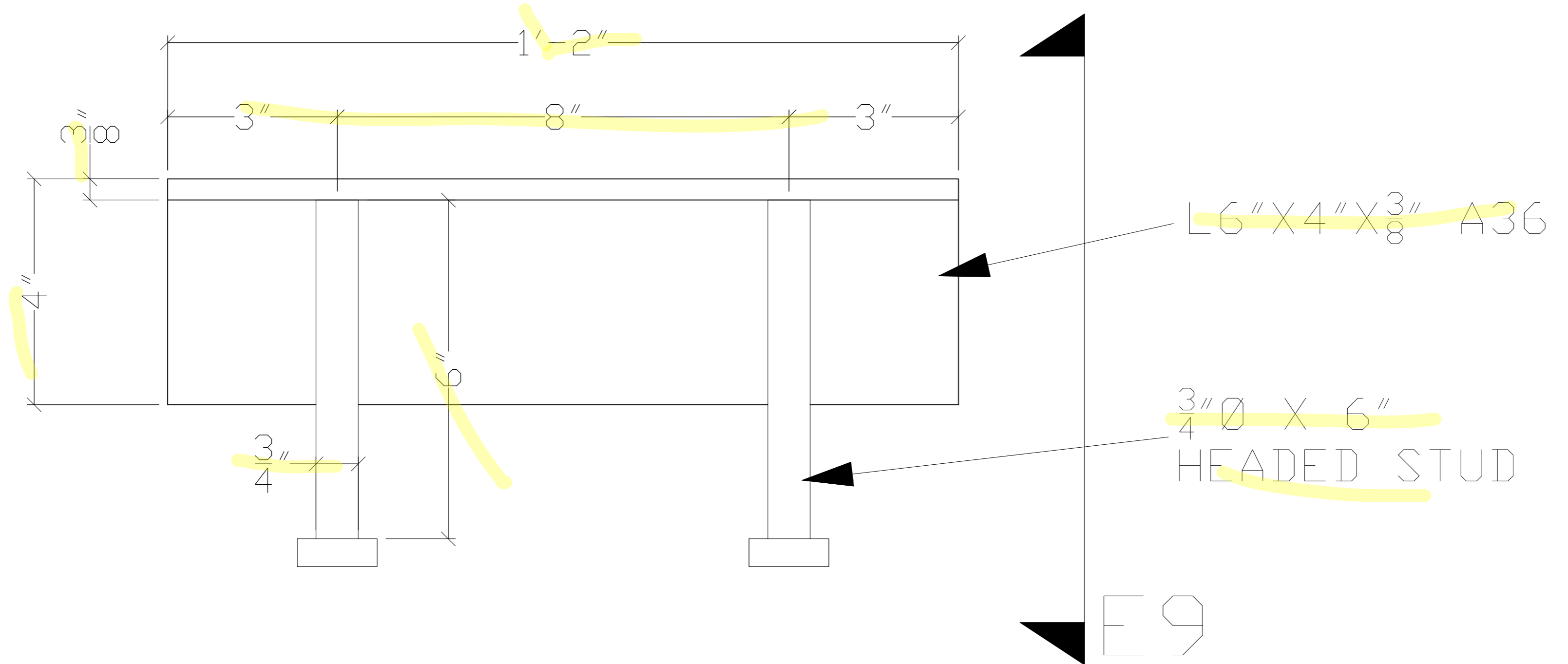
(26)	3/8" X 16" X 16" A36 PLATE
(104)	3/4" Ø X 6" HEADED STUD

ARCH.	IBI GROUP ARCHITECTURE PLANNING	Admin, Library & Parent Center Building Embed Plates	ALLEY'S WELDING INC. 21038 BURGESS CT. BAKERSFIELD, CA 93314 PH. (661) 588-5998 FAX (661) 588-5730 CA. LIC# 756723	DRAWN BY: BA	
ENG.	ELITE MODULAR	BESSIE OWENS JR. HIGH MODERNIZATION PHASE 3		DATE: Jan. 16, 2023	
CUSTOMER	JTS CONSTRUCTION INC.			REV. DATE:	JOB NO. 72-23-1
			L.A. CITY FAB # 01911		

PLAN VIEW E8

PER 9/F-2.51

78 EA WELD ANGLE EMBEDS



ARCH.	IBI GROUP ARCHITECTURE PLANNING
ENG.	ELITE MODULAR
CUSTOMER	JTS CONSTRUCTION INC.

Admin, Library&Parent Center Building Embed Plates
BESSIE OWENS JR. HIGH MODERNIZATION PHASE 3

ALLEY'S WELDING INC.
21038 BURGESS CT. BAKERSFIELD, CA 93314
PH. (661) 588-5998 FAX (661) 588-5730
CA. LIC# 756723 L.A. CITY FAB # 01911

DRAWN BY: BA
DATE: Jan. 16, 2023
REV. DATE:
JOB NO. 72-23-1
SHT. E8

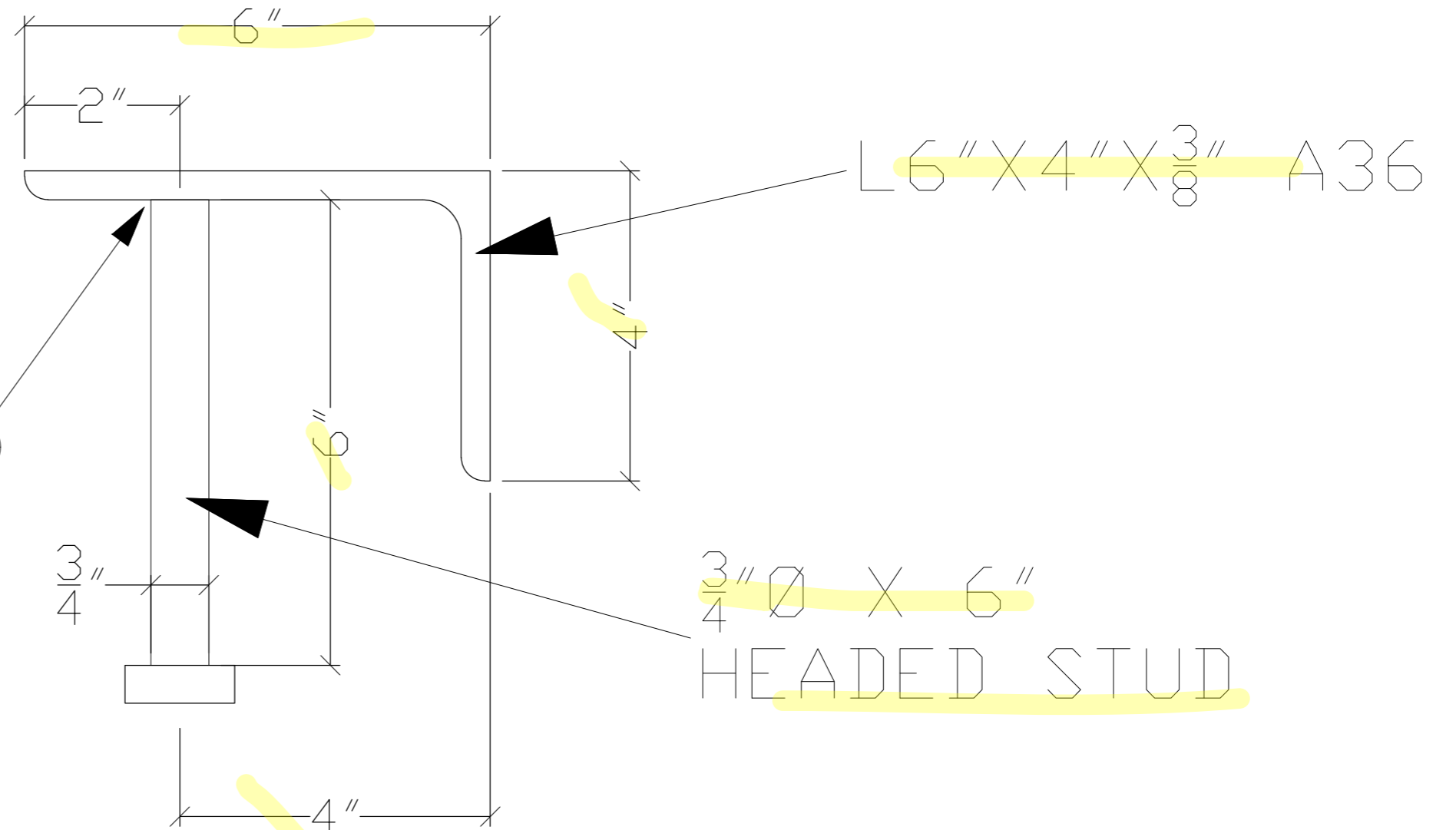
CUT VIEW E9

PER 9/F-2.51

78 EA WELD ANGLE EMBEDS

TYP. HEADED
STUD TO ANGLE

1/4



BILL OF MATERIALS

- (78) L6"X4"X3/8" A36
- (156) 3/4"Ø X 6" HEADED STUD

ARCH.	IBI GROUP ARCHITECTURE PLANNING
ENG.	ELITE MODULAR
CUSTOMER	JTS CONSTRUCTION INC.

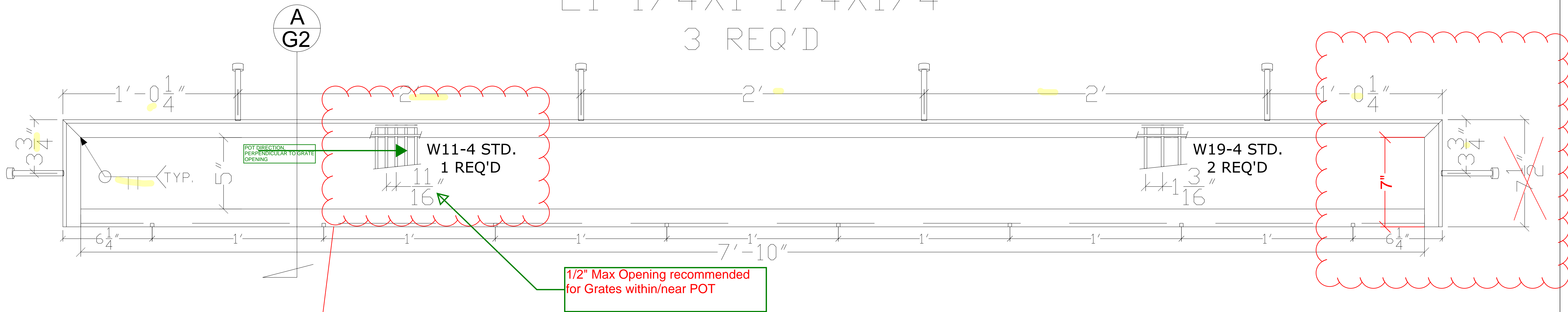
Admin, Library&Parent Center Building Embed Plates
BESSIE OWENS JR. HIGH MODERNIZATION PHASE 3

ALLEY'S WELDING INC.
21038 BURGESS CT. BAKERSFIELD, CA 93314
PH. (661) 588-5998 FAX (661) 588-5730
CA. LIC# 756723 L.A. CITY FAB # 01911

DRAWN BY: BA
DATE: Jan. 16, 2023
REV. DATE:
JOB NO. 72-23-1
SHT. E9

VENT A

L1-1/4X1-1/4X1/4
3 REQ'D

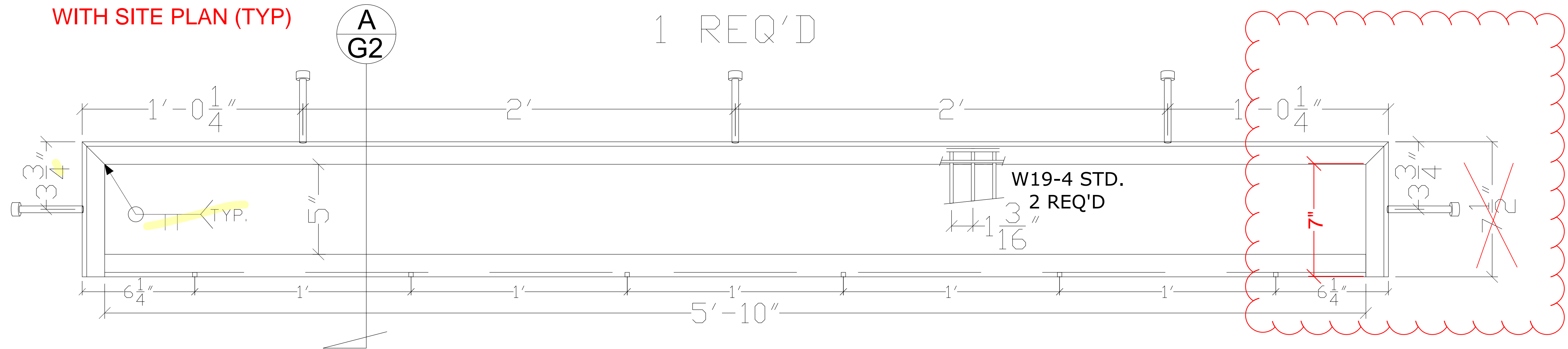


See IBI Remarks,
Page 9-10

VERIFY LOCATION OF
ACCESSIBLE AND
STANDARD GRATES
WITH SITE PLAN (TYP)

VENT B

L1-1/4X1-1/4X1/4
1 REQ'D



HOT DIP GALVANIZE AFTER FABRICATION

ARCH.	IBI GROUP ARCHITECTURE PLANNING
ENG.	ELITE MODULAR
CUSTOMER	JTS CONSTRUCTION INC.

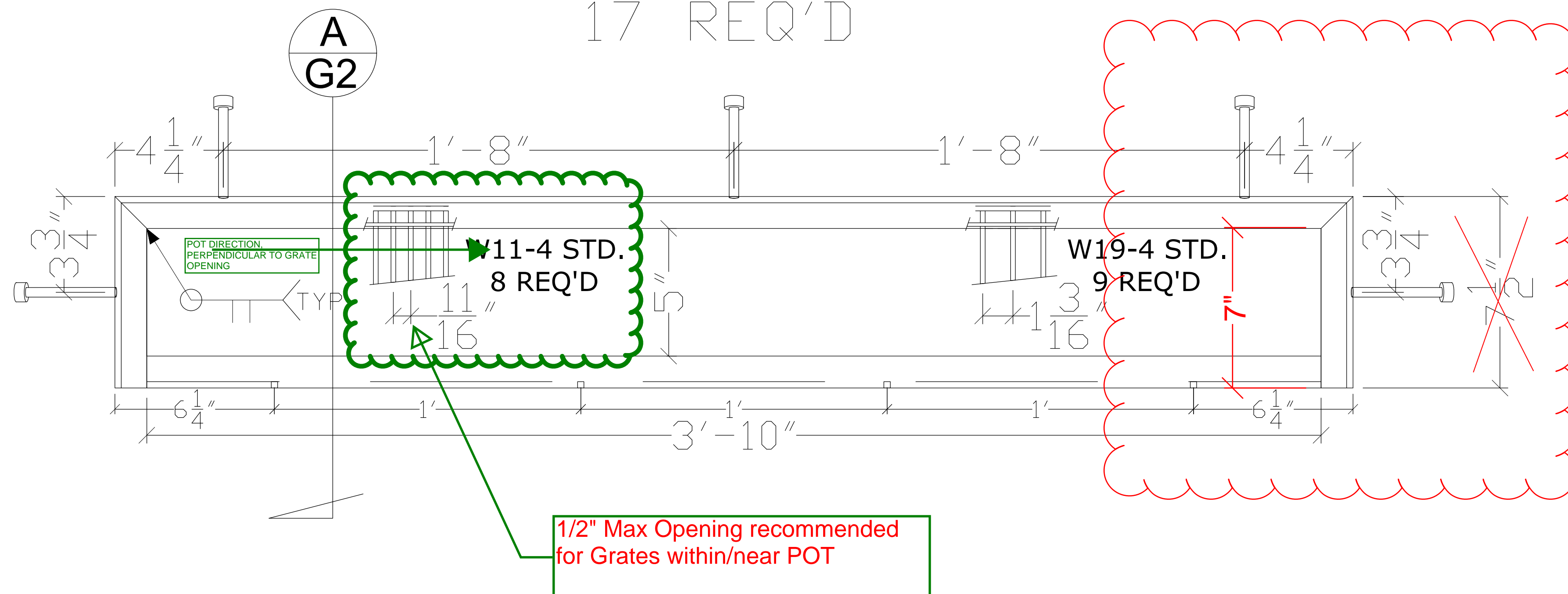
Admin, Library&Parent Center Building Embed Plates
BESSIE OWENS JR. HIGH MODERNIZATION PHASE 3

ALLEY'S WELDING INC.
21038 BURGESS CT. BAKERSFIELD, CA 93314
PH. (661) 588-5998 FAX (661) 588-5730
CA. LIC# 756723 L.A. CITY FAB # 01911

DRAWN BY: BA
DATE: Jan. 16, 2023
REV. DATE:
JOB NO. 72-23-1
SHT. G1

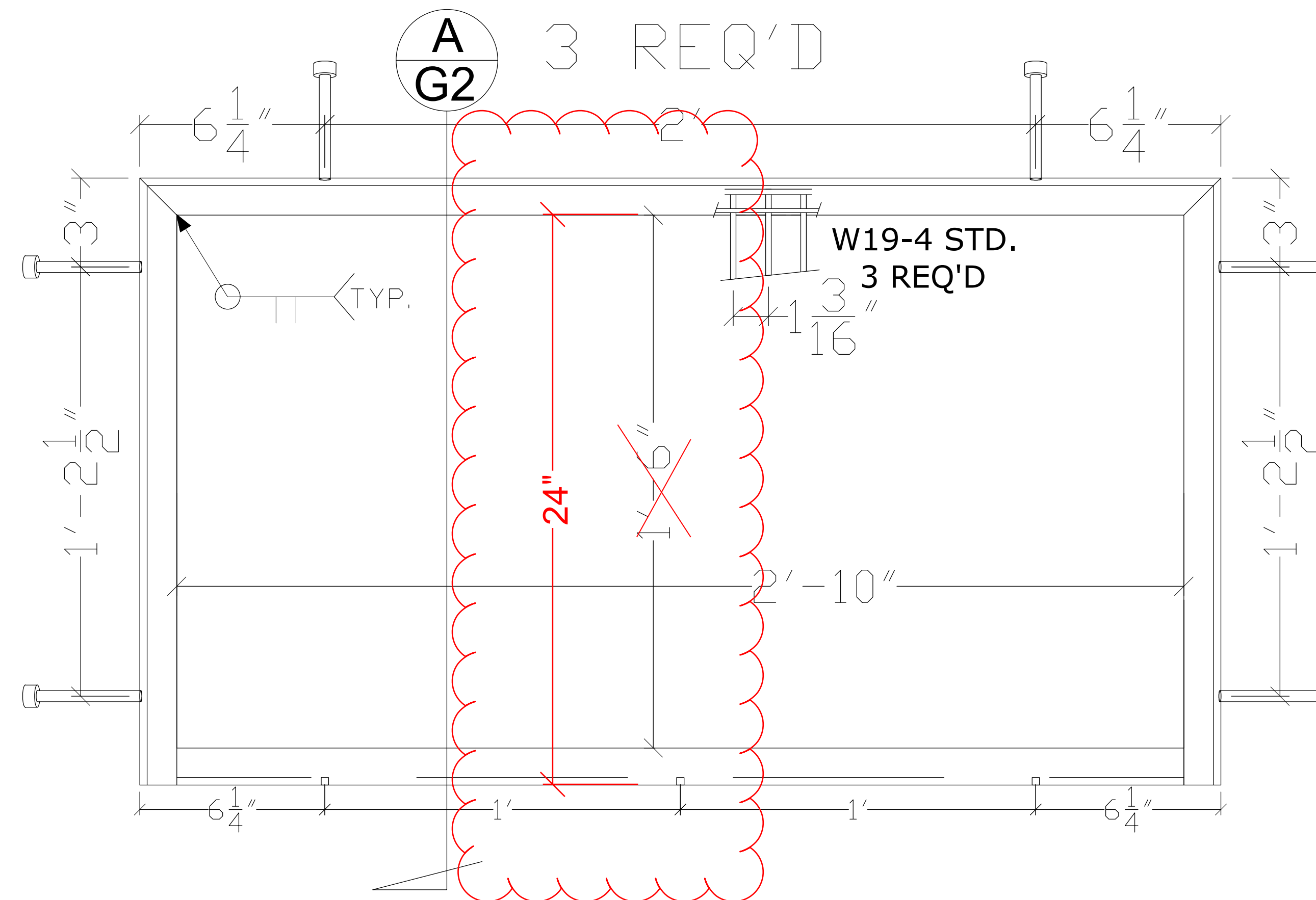
VENT C

L1-1/4X1-1/4X1/4
17 REQ'D

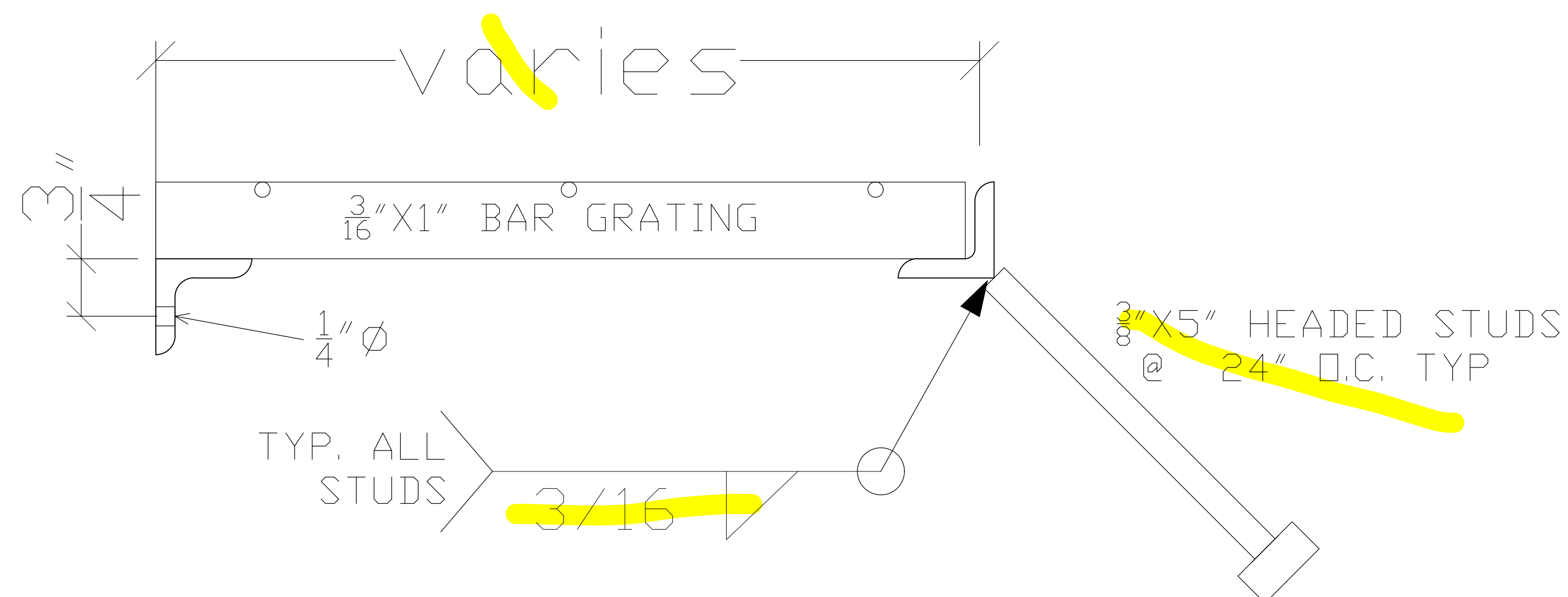


ACCESS D

L1-1/4X1-1/4X1/4
3 REQ'D



**A
G2**



HOT DIP GALVANIZE AFTER FABRICATION

ARCH.	IBI GROUP ARCHITECTURE PLANNING
ENG.	ELITE MODULAR
CUSTOMER	JTS CONSTRUCTION INC.

Admin, Library&Parent Center
Building Embed Plates

**BESSIE OWENS JR. HIGH
MODERNIZATION PHASE 3**

ALLEY'S WELDING INC.

21038 BURGESS CT. BAKERSFIELD, CA 93314
PH. (661) 588-5998 FAX (661) 588-5730
CA. LIC# 756723 L.A. CITY FAB # 01911

DRAWN BY: **BA**

DATE: **Jan. 16, 2023**

REV. DATE:

JOB NO.
72-23-1

SHT.
G2

ACCESS & VENT FRAME & GRATING PLAN



HOT DIP GALVANIZE AFTER FABRICATION

<p>ARCH. IBI GROUP ARCHITECTURE PLANNING</p> <p>ENG. ELITE MODULAR</p> <p>CUSTOMER JTS CONSTRUCTION INC.</p>	<p>Admin, Library&Parent Center Building Grate Embeds</p> <p>BESSIE OWENS JR. HIGH MODERNIZATION PHASE 3</p>	<p>ALLEY'S WELDING INC.</p> <p>21038 BURGESS CT. BAKERSFIELD, CA 93314 PH. (661) 588-5998 FAX (661) 588-5730 CA. LIC# 756723 L.A. CITY FAB # 01911</p>	<p>DRAWN BY: BA</p> <p>DATE: Jan. 16, 2023</p> <p>REV. DATE:</p> <p>JOB NO. 72-23-1 SHT. GL</p>
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BP 18 Modular Building K

Reference Only, Concrete Foundation provided by Concrete Contractor

Date: 2/6/2023

Submittal No: 05-R

Project: Bessie Owens Junior High School Phase III
BP 02 Grading & Concrete
815 Eureka St.
Bakersfield, CA 93305

Owner: Bakersfield City School Dis
1501 Feliz Dr
Bakersfield, CA 93307

Architect: IBI GROUP ARCHITECTUR
4119 BROAD STREET, SUITE 100
SAN LUIS OBISPO, CA 93401

Contractor: JTS Construction
P.O. Box 41765
Bakersfield, CA 93384-1765

Subcontractor: Pacific Steel Group

Submittal:

SUBMITTAL / SHOP DRAWING REVIEW

- NO EXCEPTION TAKEN
- REJECTED
- REVISE AND RESUBMIT
- MAKE CORRECTIONS NOTED RESUBMISSION NOT REQ'D
- SUBMIT SPECIFIC ITEM
- NOT REVIEWED

DATE: 2.7.23 BY: SCI

REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. APPROVAL OF A SPECIFIC ITEM SHALL NOT INCLUDE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS, WHICH SHALL BE CONFIRMED AND COMPLETED AT THE JOB SITE, FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS OR HER WORK WITH THAT OF ALL OTHER TRADES, AND THE SATISFACTORY PERFORMANCE OF HIS OR HER WORK.

SILVER CREEK INDUSTRIES, INC.
2830 BARRETT AVE.
PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393
FAX: 951-943-2211

NOTE:

ONLY THE ITEMS WHICH HAVE BEEN REVISED HAVE BEEN REVIEWED. THE CONTRACTOR SHALL ENSURE THAT THE COMMENTS INDICATED ON THE PREVIOUS SUBMITTAL (REGARDING ACI 318 COMPLIANCE AND THE CRAWLSPACE PAD ELEVATION VERIFICATION) HAVE BEEN FULLY COORDINATED.

Contractor's Stamp

JTS CONSTRUCTION

BY: Greg Torres

DATE: 2/6/2023

REVIEWED/RESUBMIT

Architect's Stamp

Reviewed

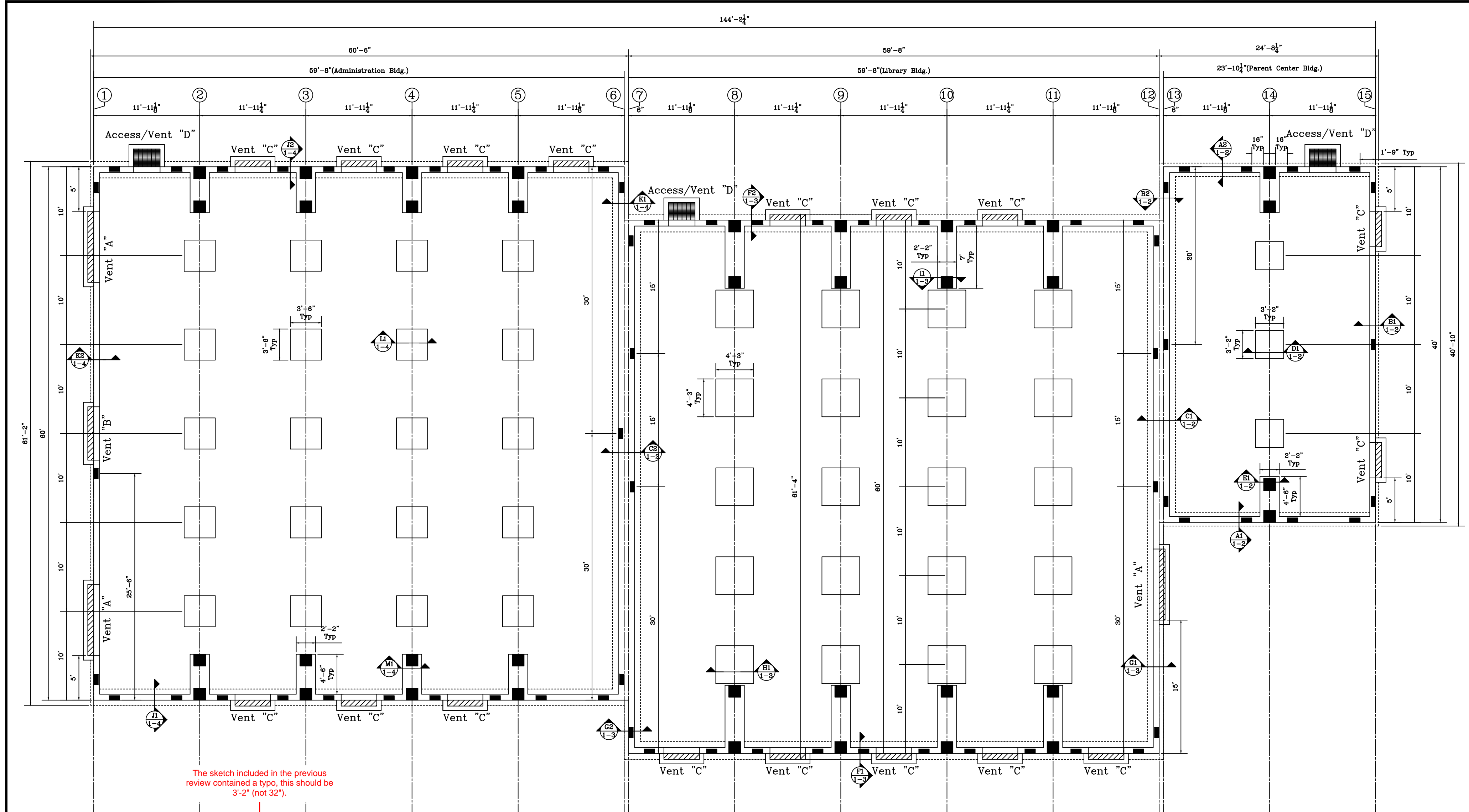
Submittal has been reviewed in accordance with Contract Documents.

- No Exceptions Taken
- Make Corrections Noted
- Revise and Resubmit
- Rejected

IBI Group Architecture Planning

date: 02/07/2023 by: Ruben R.

Provide U-shaped bars at utility sleeves per Silver Creek Drawings, detail 17/F-2.50 as required. Concrete contractor to coordinate utility sleeve locations with utility drawings.



The sketch included in the previous review contained a typo, this should be 3'-2" (not 32").

Footing Schedule			
Mark	Width	Depth	Reinforcing
A	1'-6"	1'-0"	(3) #5 Cont T&B
B	1'-0"	1'-0"	(2) #5 Cont T&B
C	2'-8"	1'-0"	(6) #5 Cont T&B (1) #5 Trans @16" Bot
D	3'-2" SQ	1'-0"	(3) #5 EW
E	2'-2"	1'-0"	(2) #5 Cont
F	2'-0"	1'-0"	(4) #5 Cont T&B
G	1'-4"	1'-0"	(2) #5 Cont T&B
H	4'-3" SQ	1'-0"	(4) #5 EW
I	2'-2"	1'-0"	(2) #5 Cont
J	1'-10"	1'-0"	(4) #5 Cont T&B
K	1'-0"	1'-0"	(2) #5 Cont T&B
L	3'-6" SQ	1'-0"	(3) #5 EW
M	2'-2"	1'-0"	(2) #5 Cont

Building K Foundation Plan

Anchor Plates
*See RBO 1-9 For Details

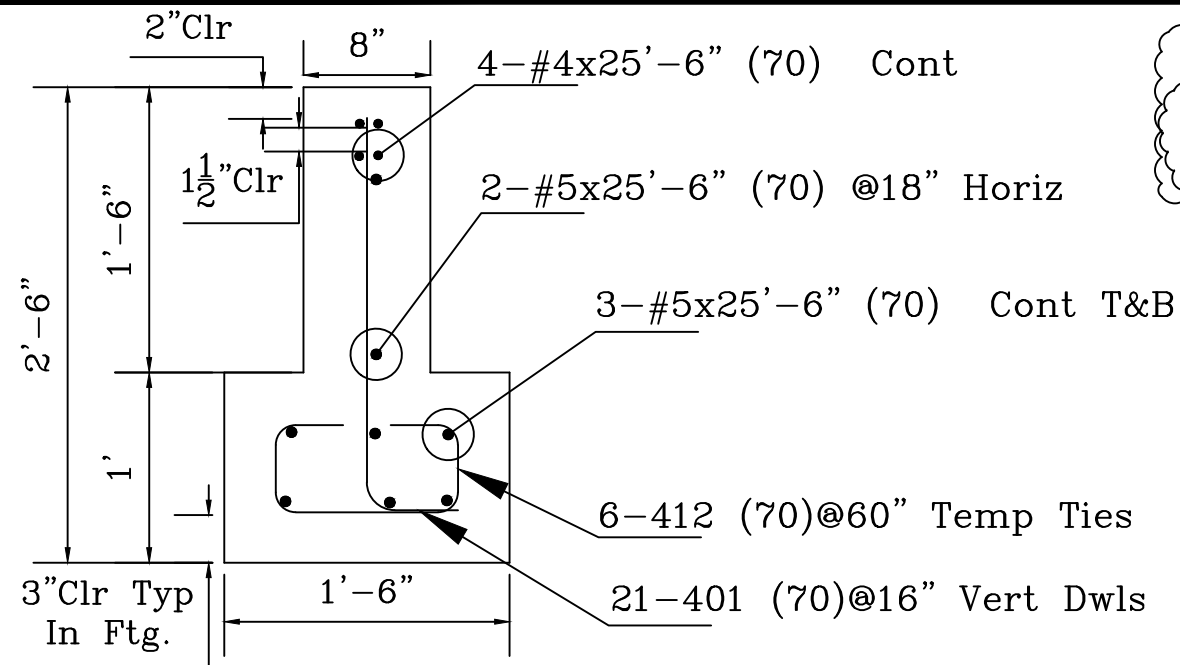


- Note:
- * See Page RBO 1-5 For Vent "A" Details
 - * See Page RBO 1-6 For Vent "B" Details
 - * See Page RBO 1-7 For Vent "C" Details
 - * See Page RBO 1-8 For Access/Vent "D" Details
 - * See Page RBO 1-9 For Typical Corner Details
 - * Field To Cut Bars When Necessary To Fit

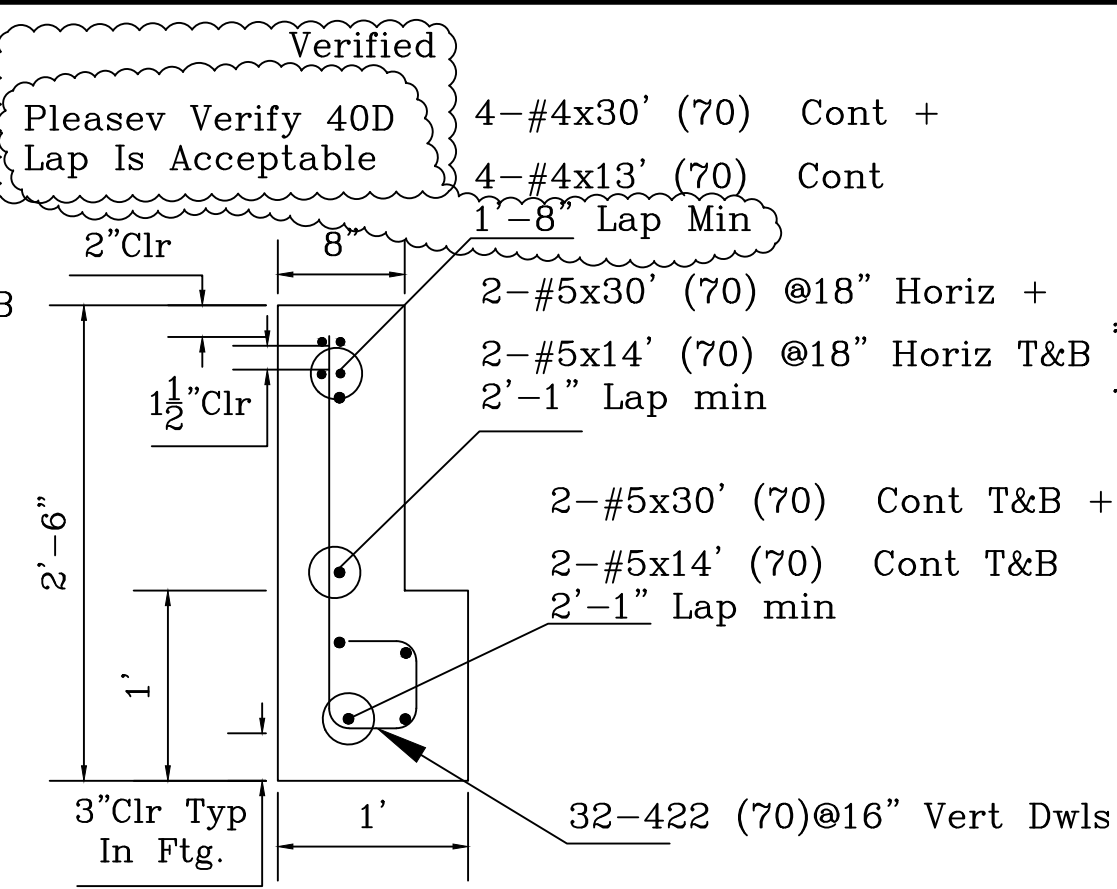
ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

PSG PACIFIC STEEL GROUP	
DETAILING OFFICE:	Fresno California
TITLE:	Details - Building K
PROJECT:	Bessie Owens Jr. H.S. Phase III
CUSTOMER:	JTS Construction
DRAWN BY:	CR
DATE:	1/20/23
JOB#	CC23010
DWG#	RBO 1-1

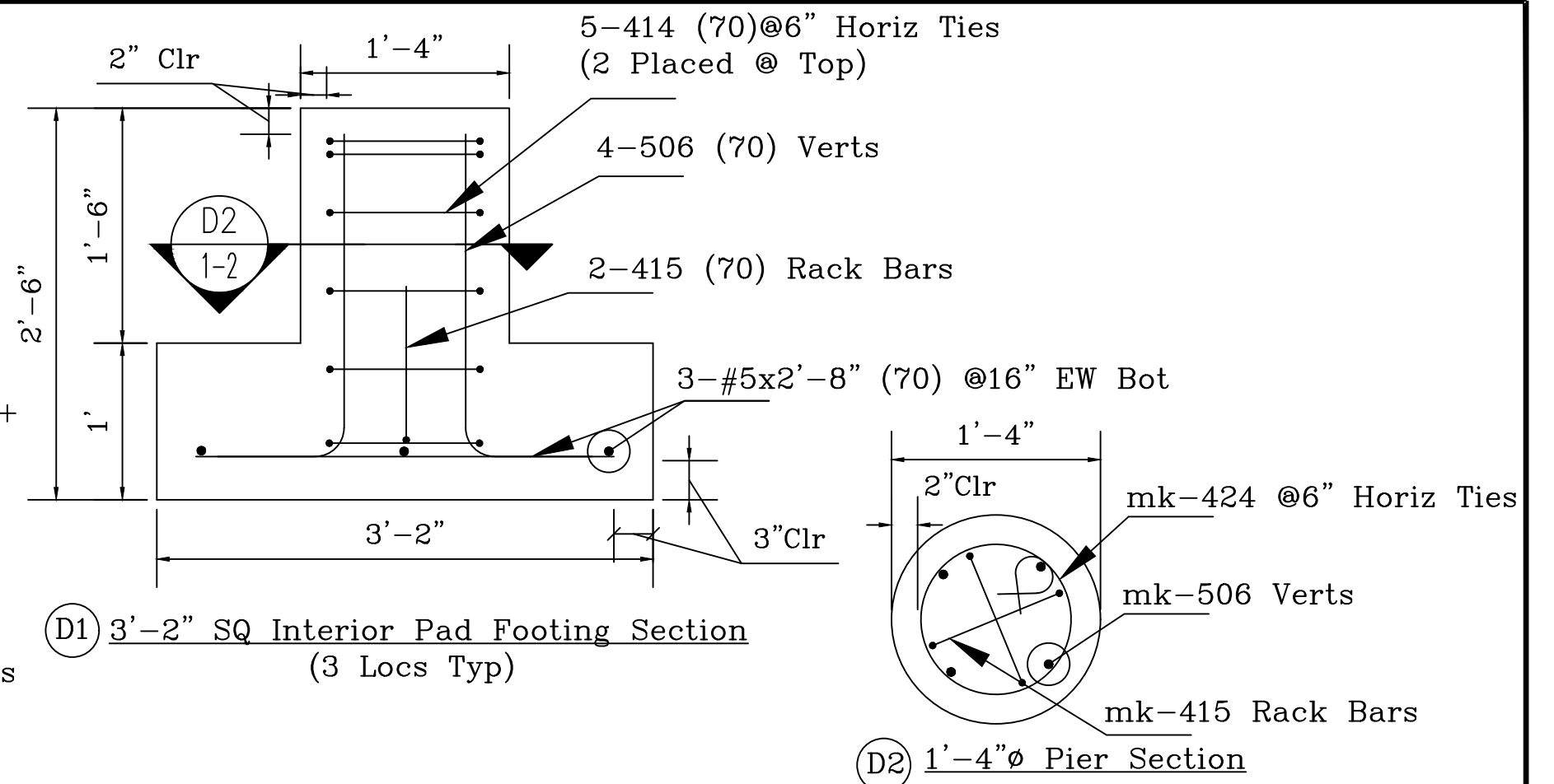
For Approval	2/3/23		
For Approval	1/20/23	Rev'd Per Comments	2/3/23
DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION
			DATE



(A1) Parent Center Endwall Ftg Section

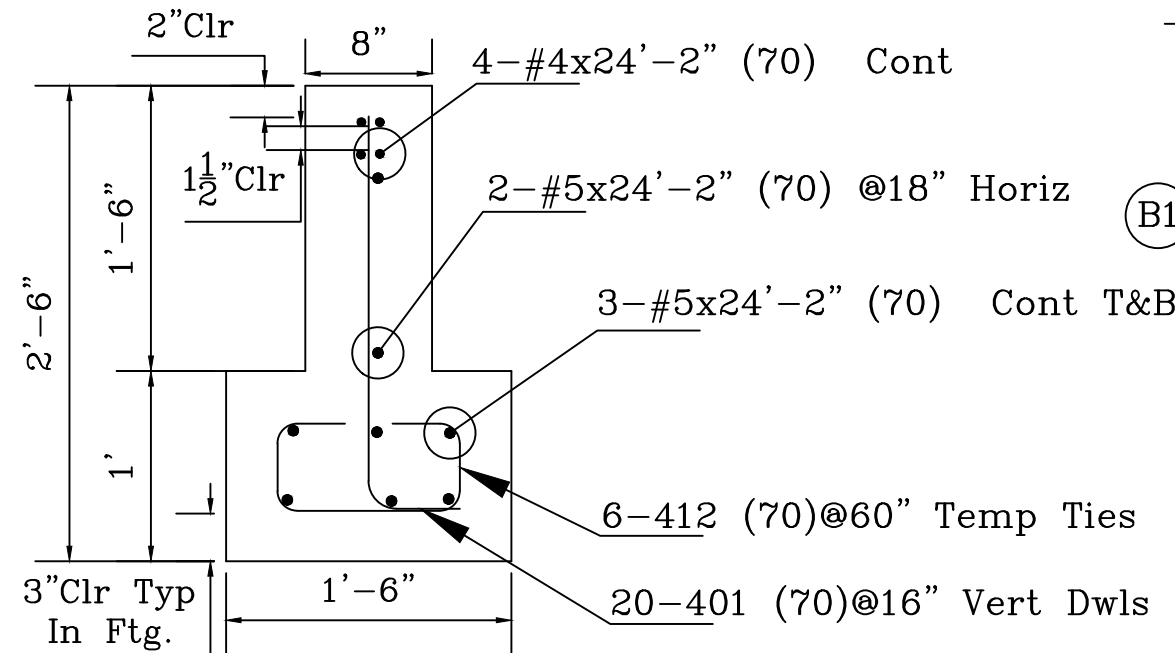


(B1) Parent Center Sidewall Ftg Section

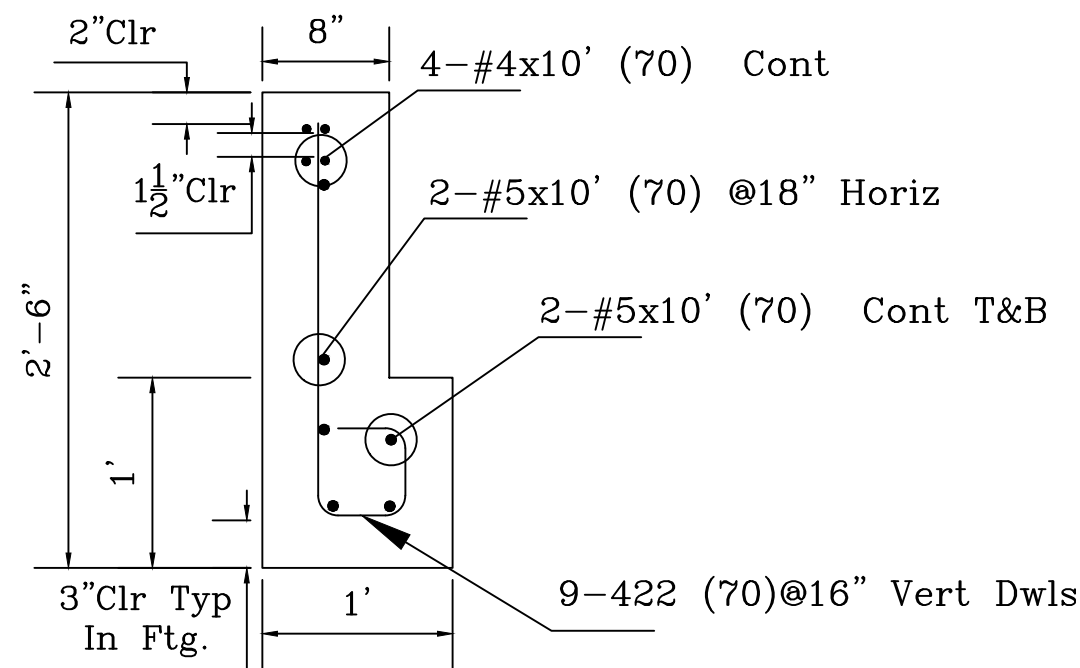


(D1) 3'-2" SQ Interior Pad Footing Section (3 Locs Typ)

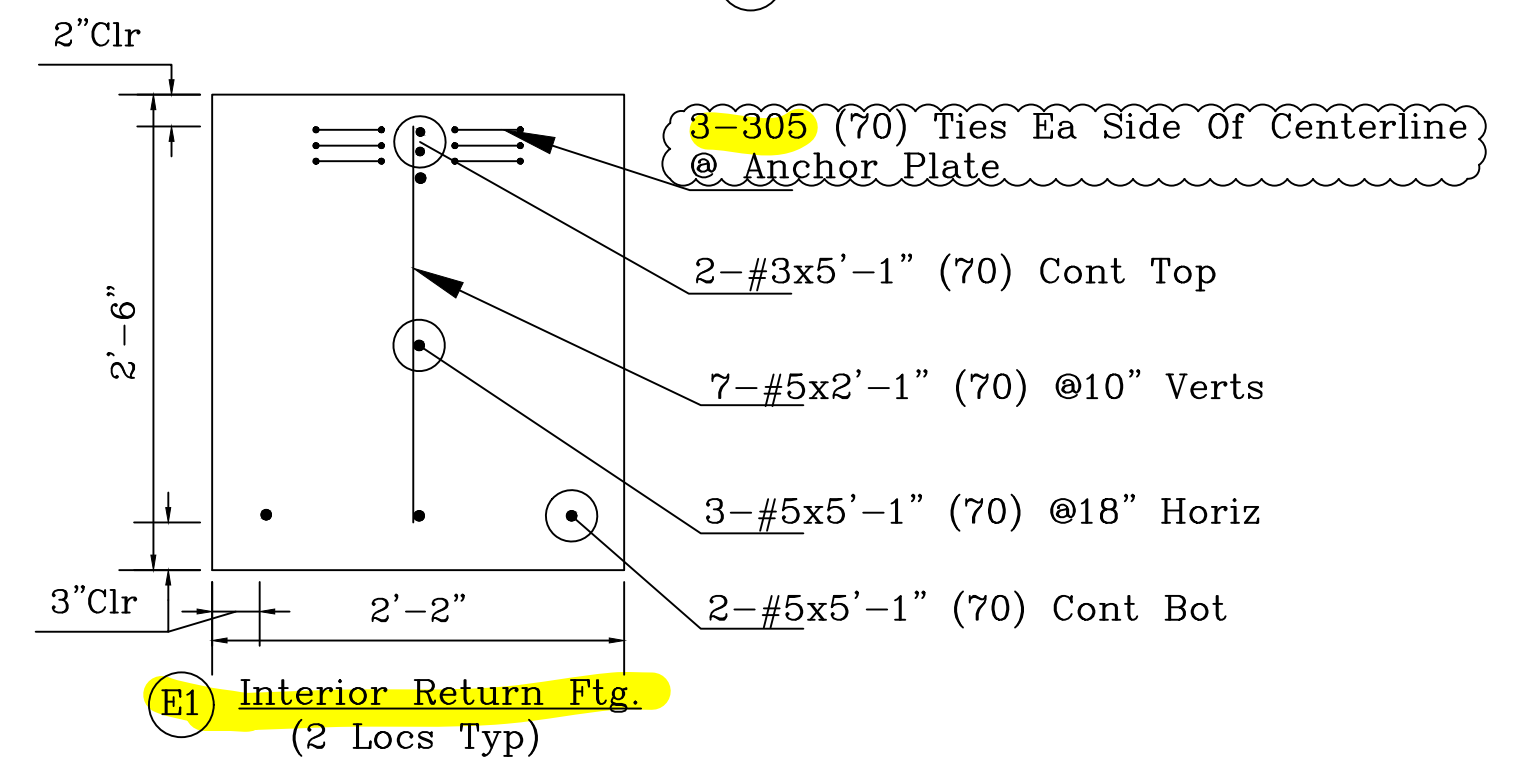
(D2) 1'-4" dia Pier Section



(A2) Parent Center Endwall Ftg Section

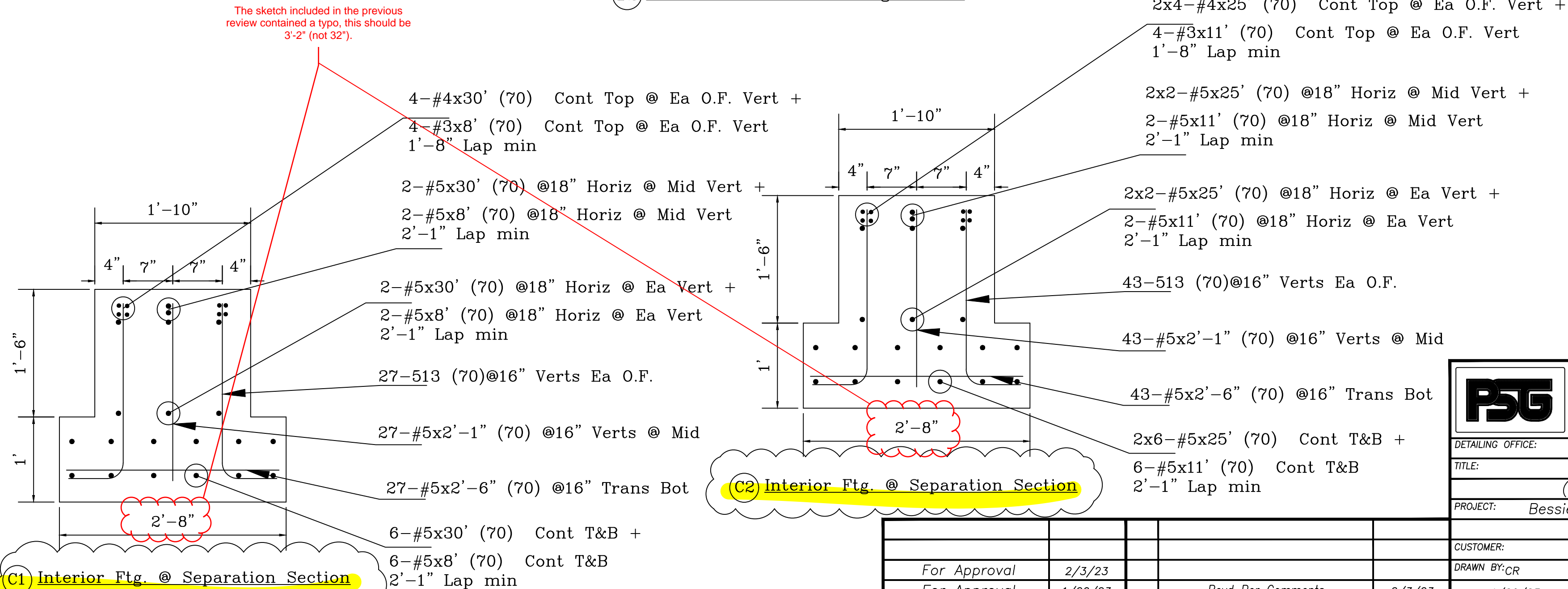


(B2) Parent Center Sidewall Ftg Section



(E1) Interior Return Ftg. (2 Locs Typ)

The sketch included in the previous review contained a typo, this should be 3'-2" (not 32").



(C1) Interior Ftg. @ Separation Section

(C2) Interior Ftg. @ Separation Section

ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

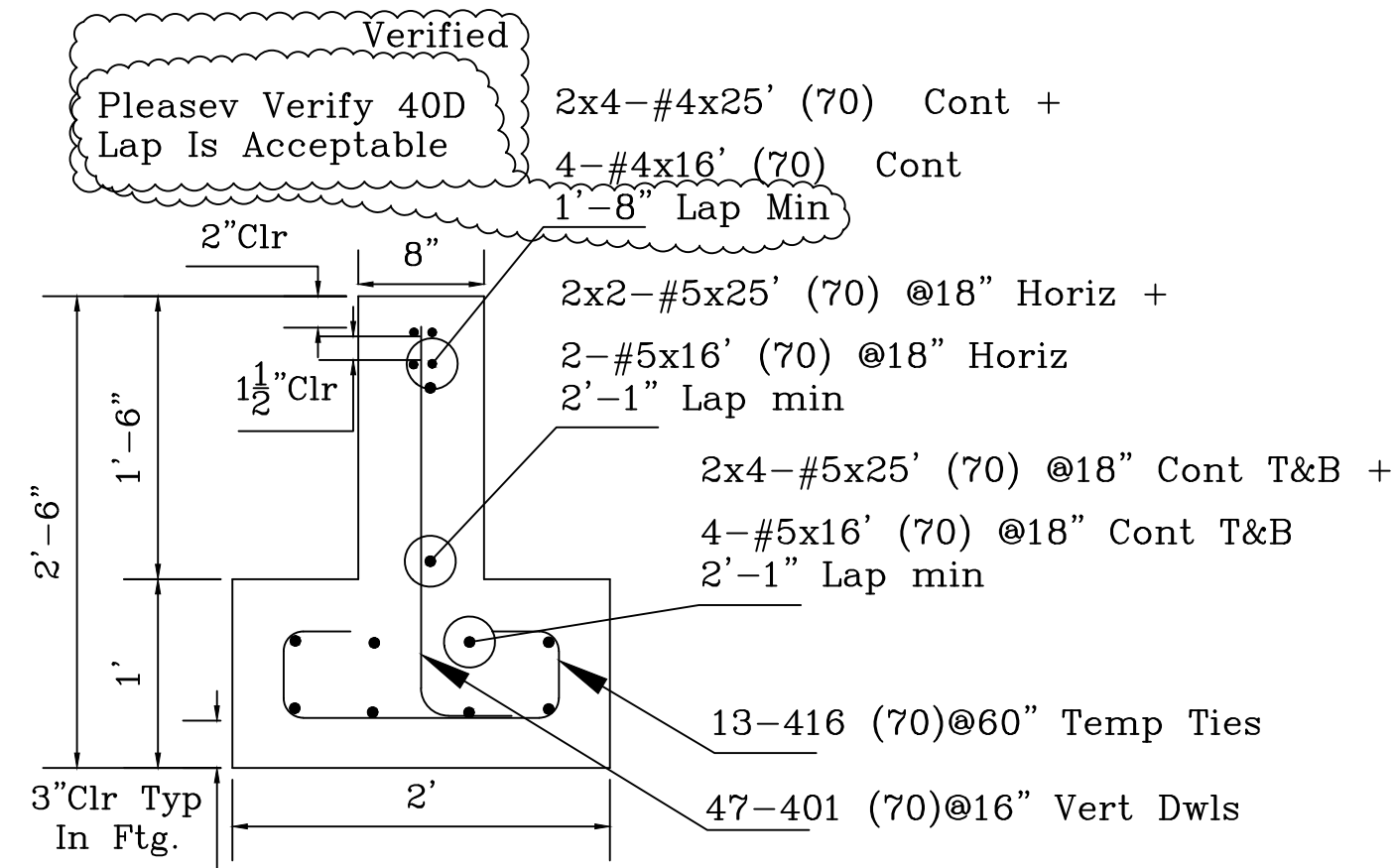
PSG PACIFIC STEEL GROUP

DETAILING OFFICE: Fresno California
 TITLE: Details - Building K (Parent Center Details)
 PROJECT: Bessie Owens Jr. H.S. Phase III

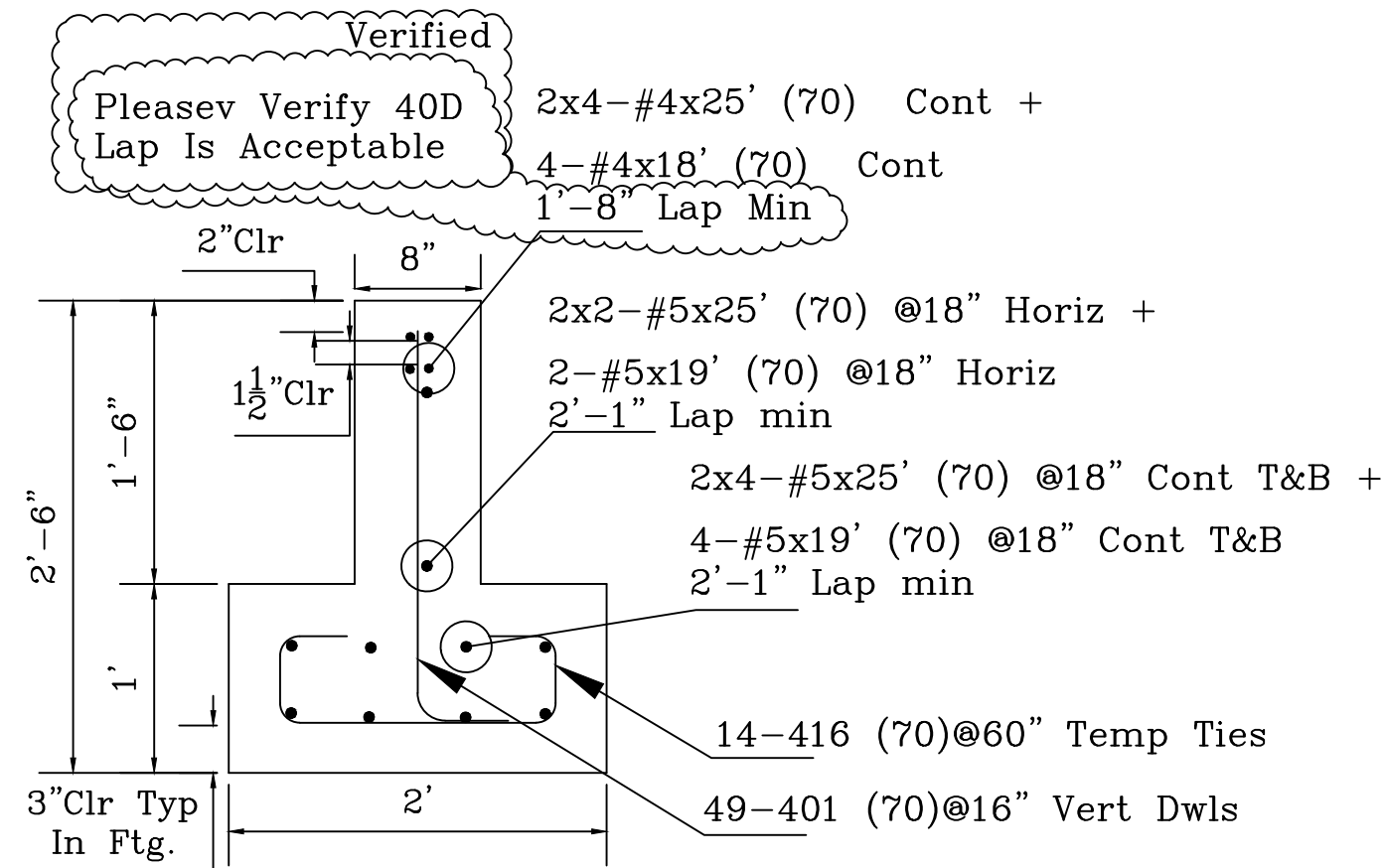
CUSTOMER: JTS Construction
 DRAWN BY: CR

DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION	DATE
For Approval	2/3/23			
For Approval	1/20/23		Revd Per Comments	2/3/23

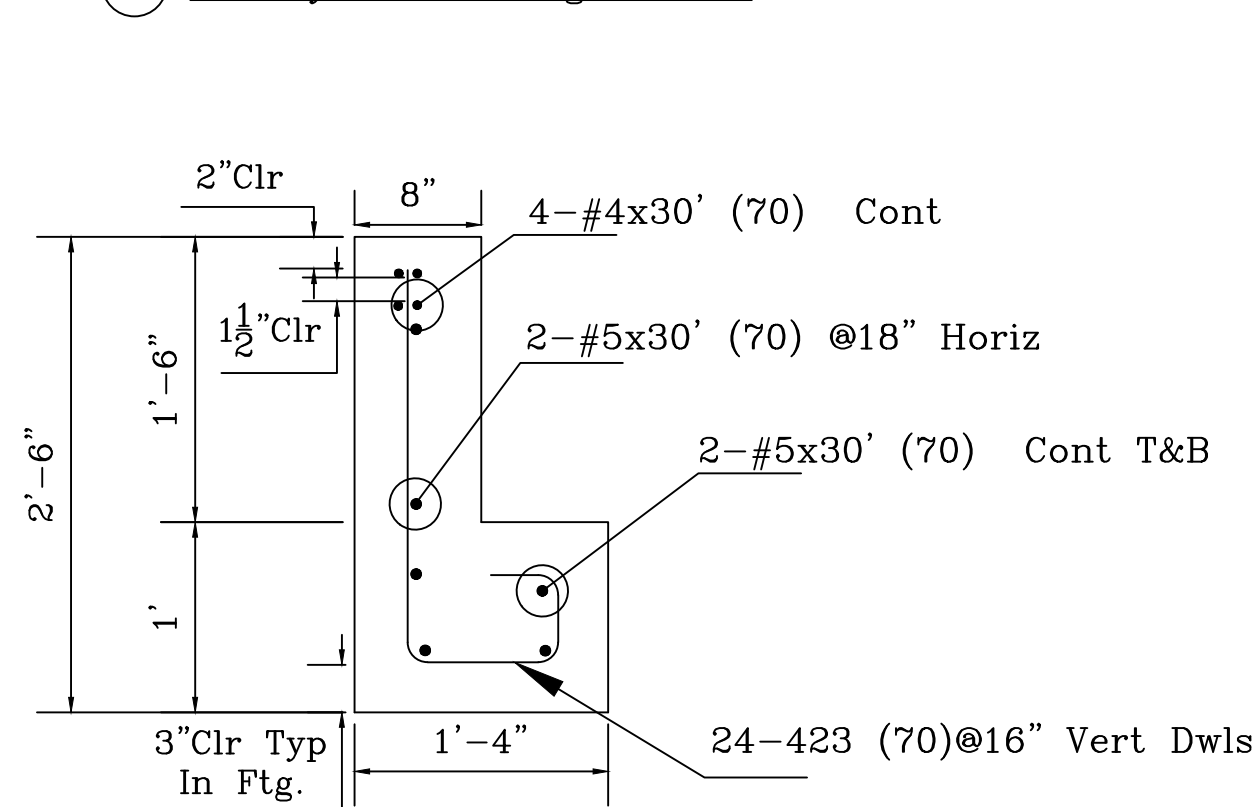
DATE: 1/20/23
 SHEET: CC23010 RBO 1-2



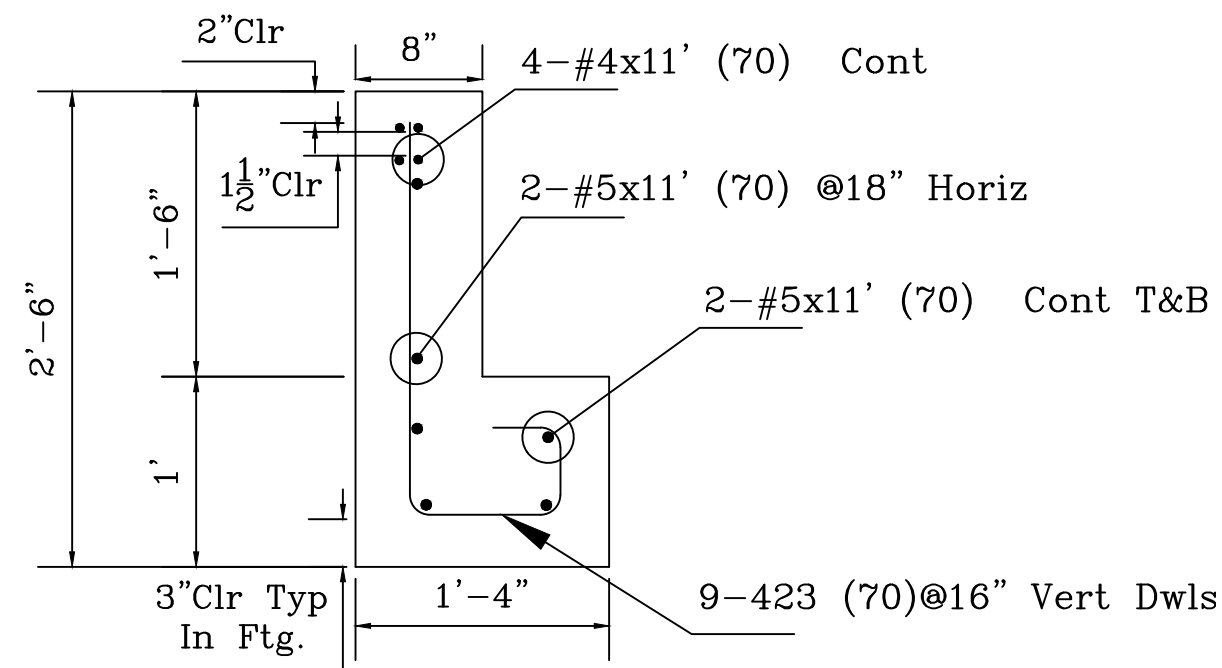
F1 Library Endwall Ftg Section



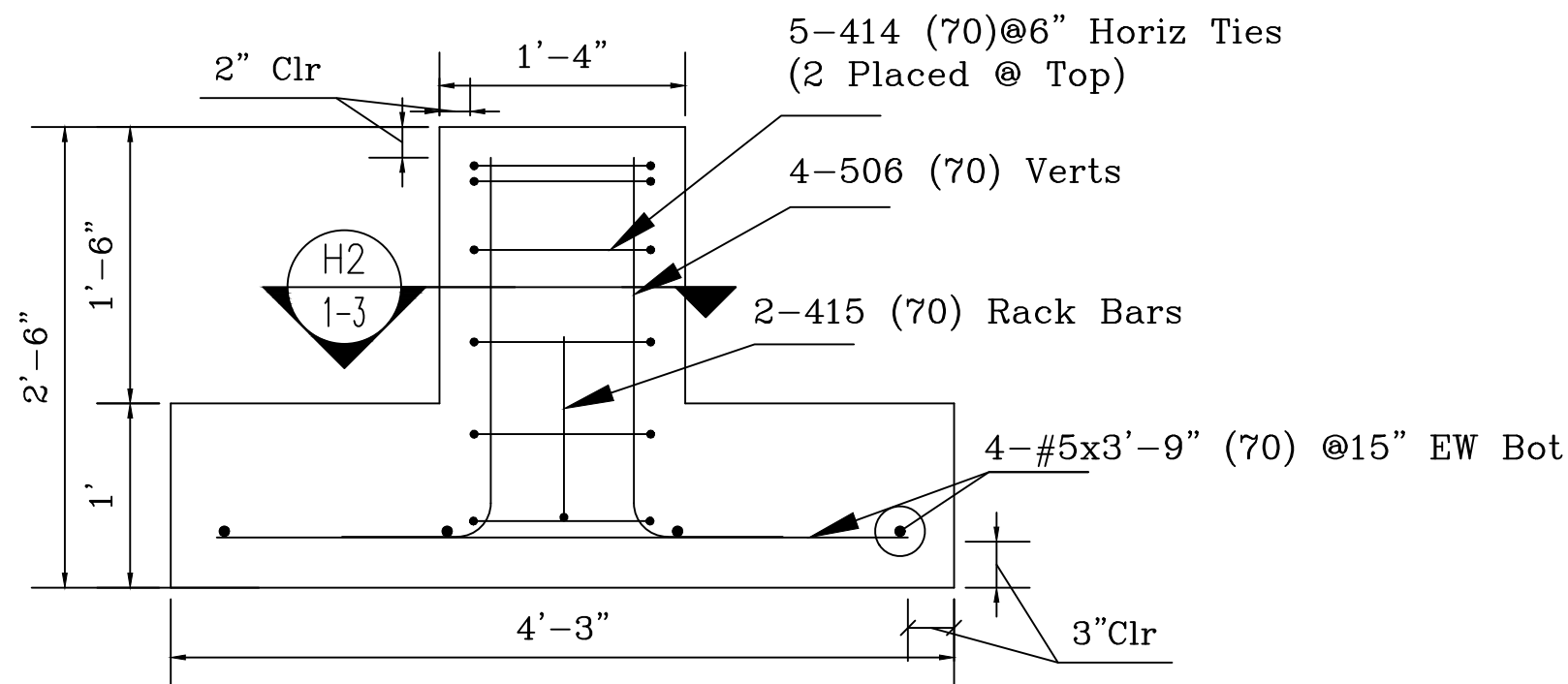
F2 Library Endwall Ftg Section



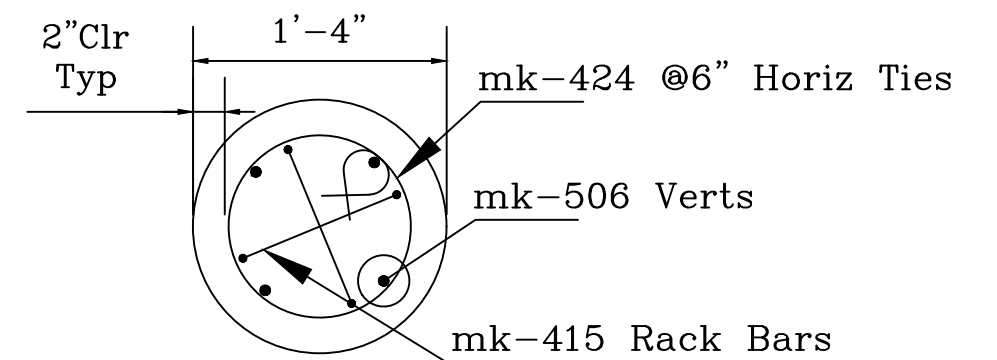
G1 Library Sidewall Ftg Section



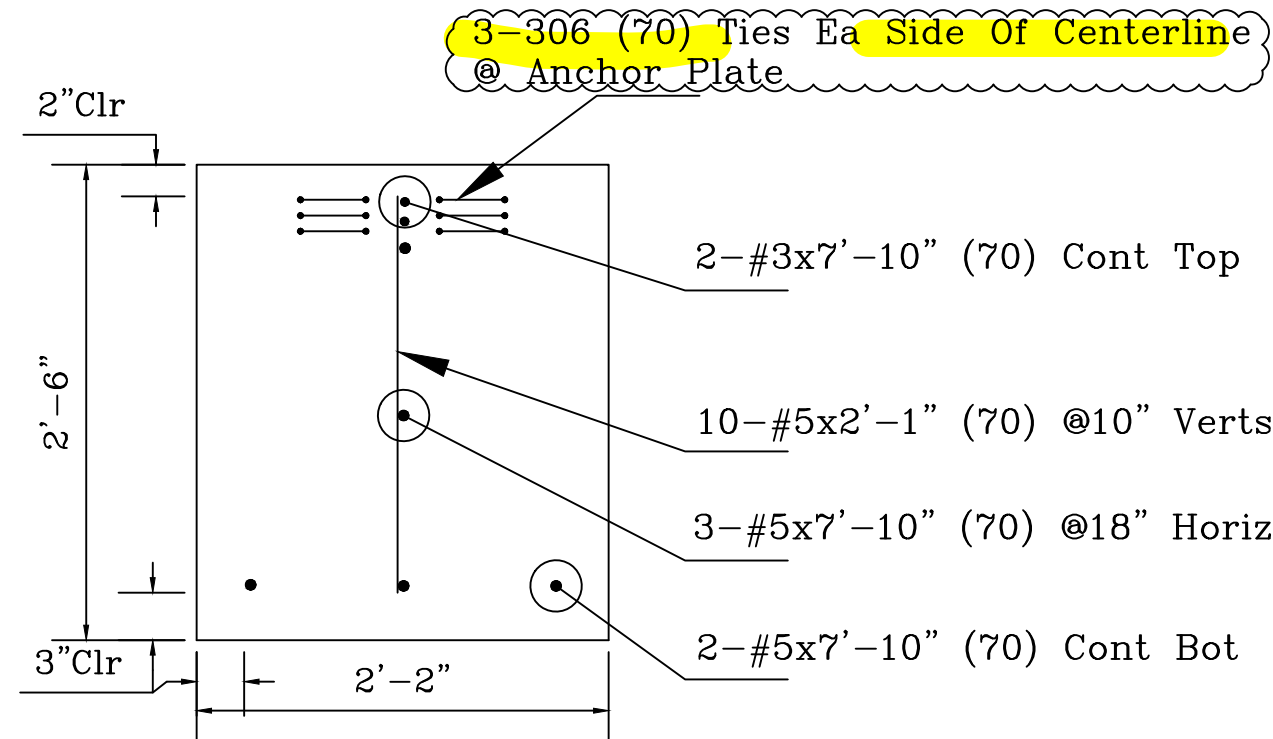
G2 Library Sidewall Ftg Section



H1 4'-3" SQ Interior Pad Footing Section (20 Locs Typ)



H2 1'-4" dia Pier Section

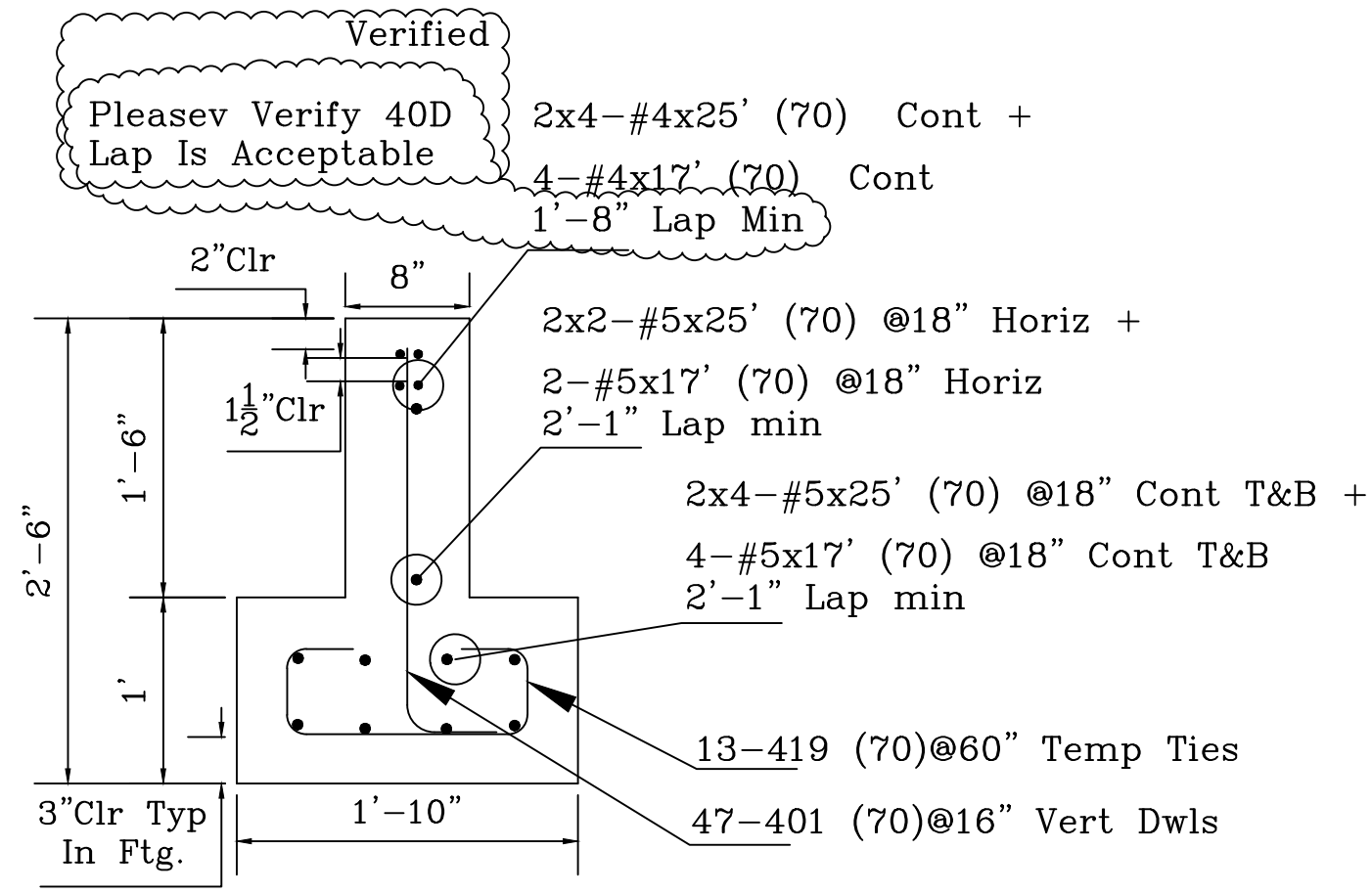


I1 Interior Return Ftg. (8 Locs Typ)

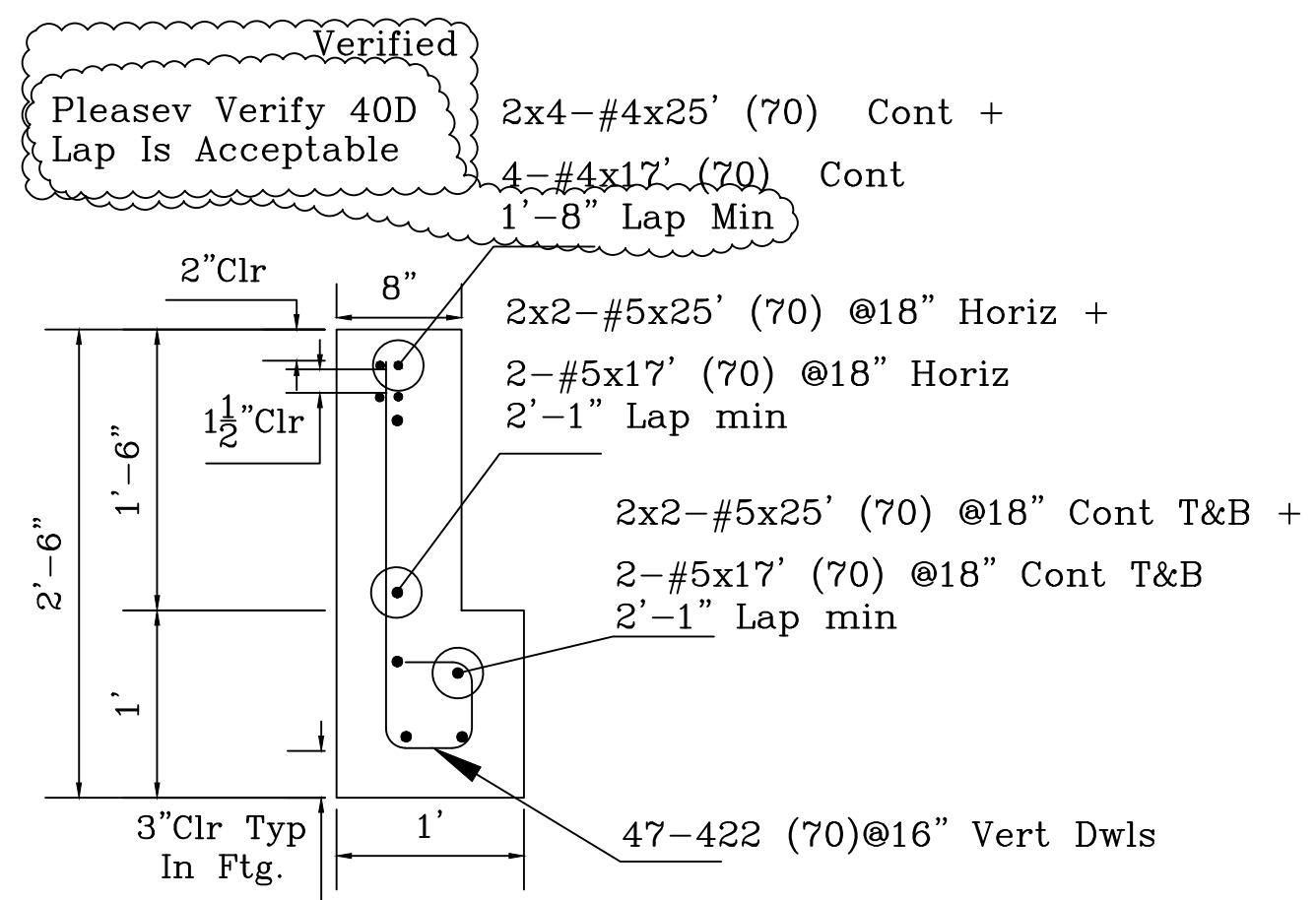
ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

PSG PACIFIC STEEL GROUP	
DETAILING OFFICE:	Fresno California
TITLE:	Details - Building K (Library Details)
PROJECT:	Bessie Owens Jr. H.S. Phase III
CUSTOMER:	JTS Construction
DRAWN BY:	CR
DATE:	1/20/23
JOB#	CC23010
DWG#	RBO 1-3

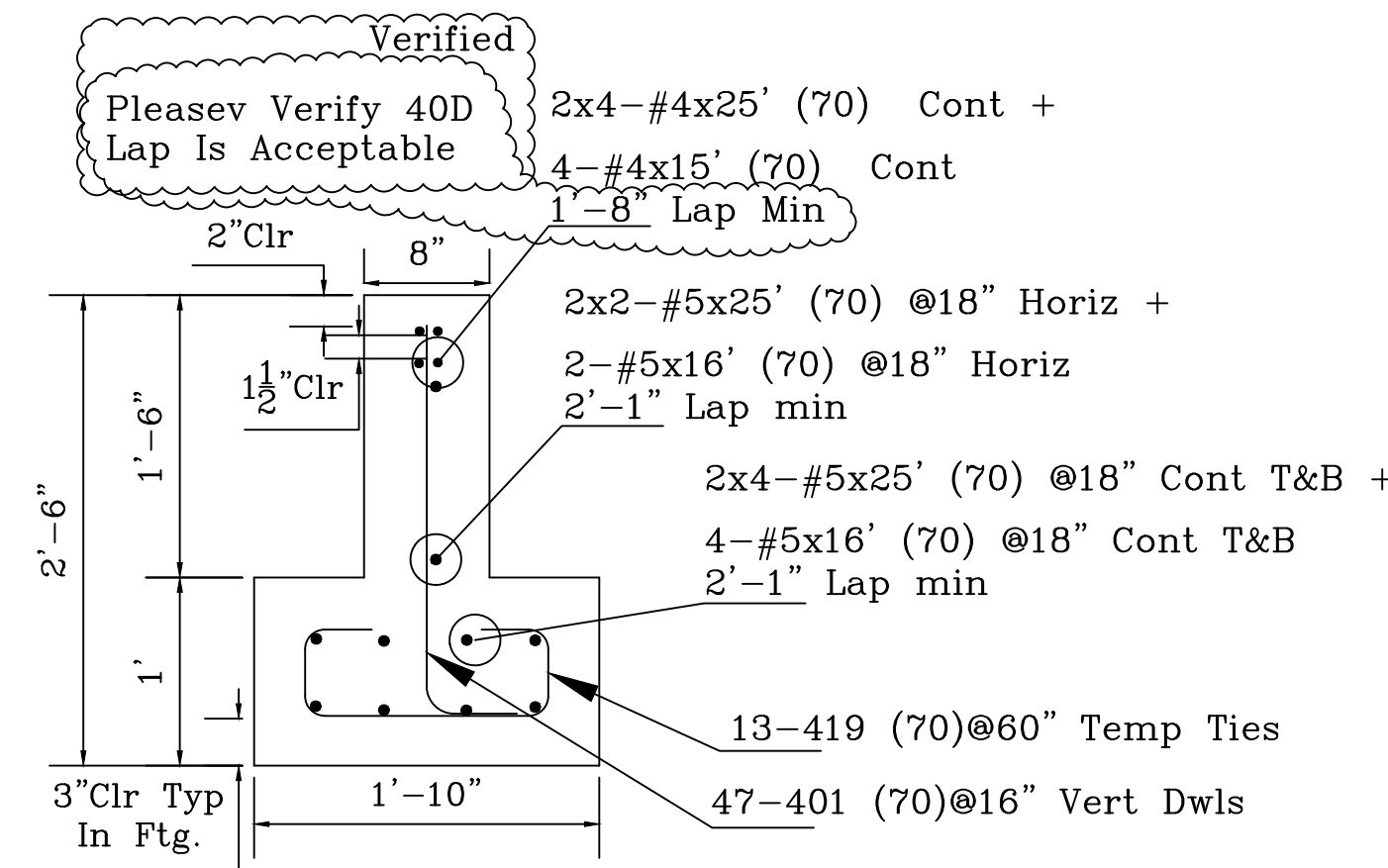
DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION	DATE
For Approval	2/3/23			
For Approval	1/20/23		Rev'd Per Comments	2/3/23



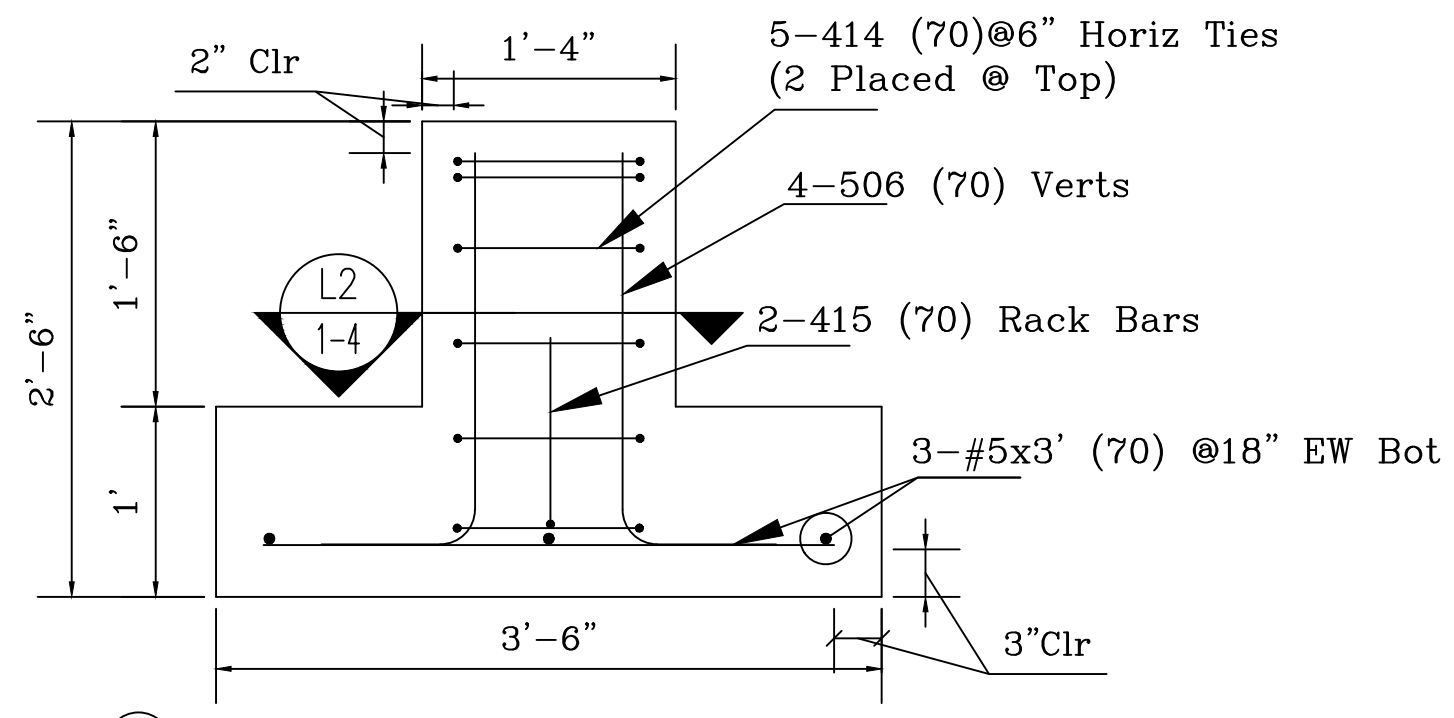
J1 Admin Endwall Ftg Section



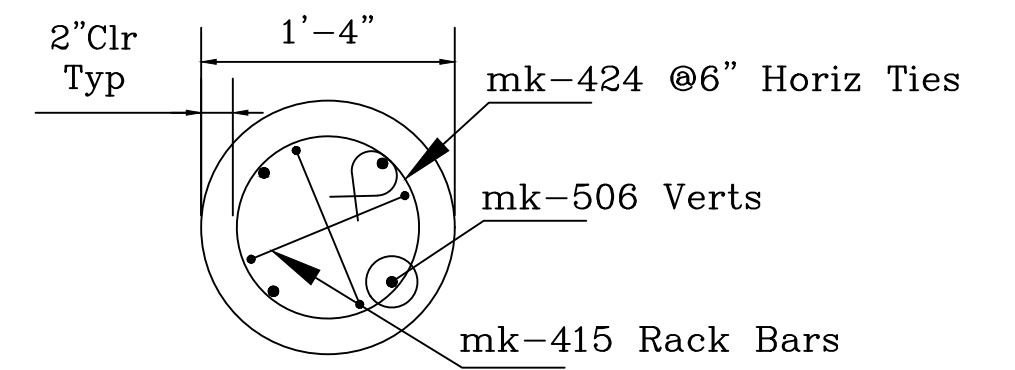
K2 Admin Sidewall Ftg Section



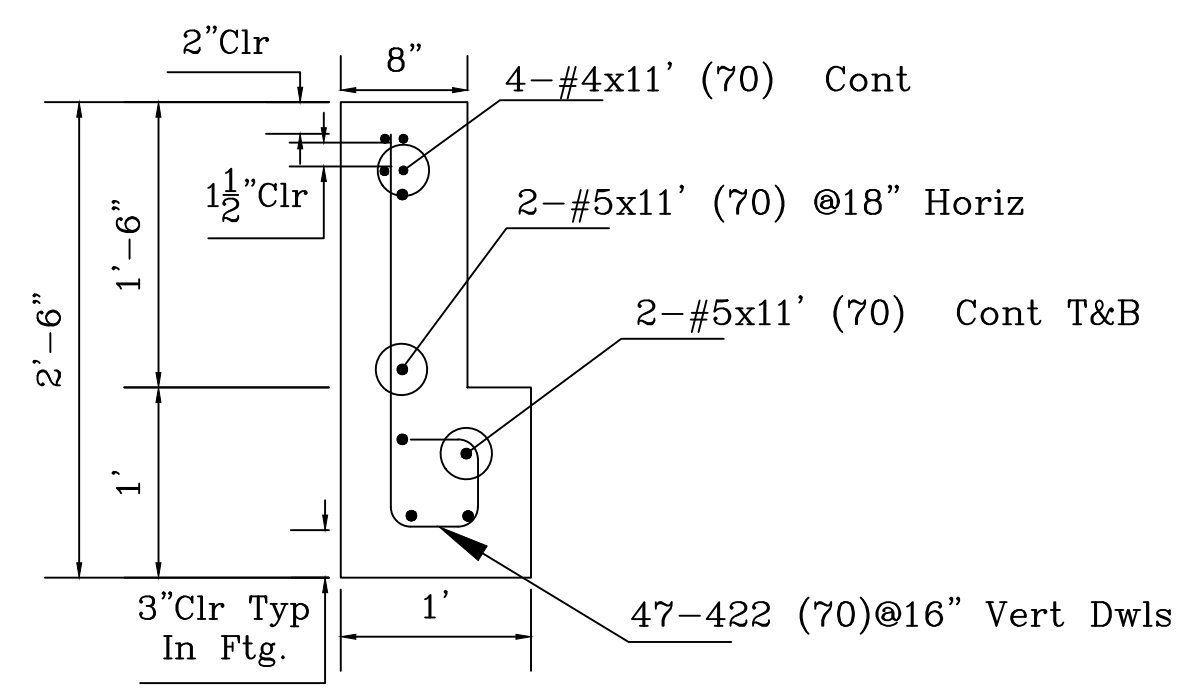
J2 Admin Endwall Ftg Section



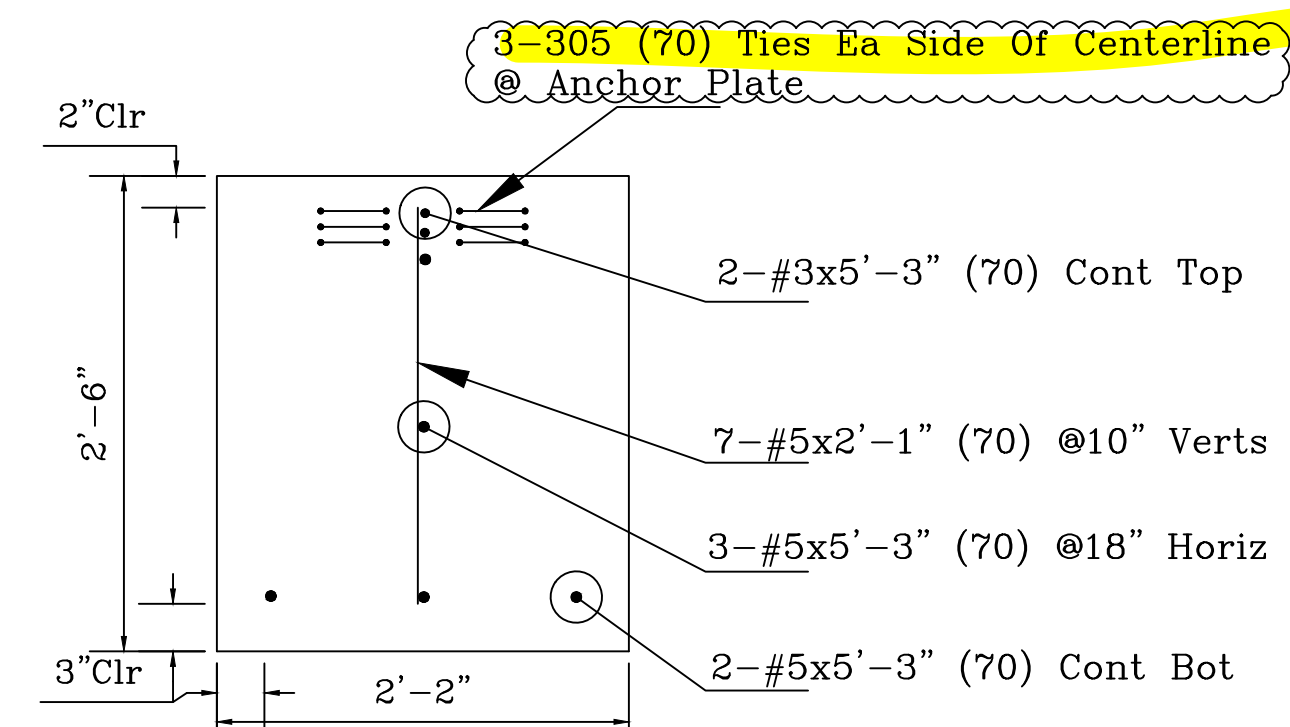
L1 3'-6" SQ Interior Pad Footing Section (20 Locs Typ)



L2 1'-4" Pier Section



K1 Admin Sidewall Ftg Section



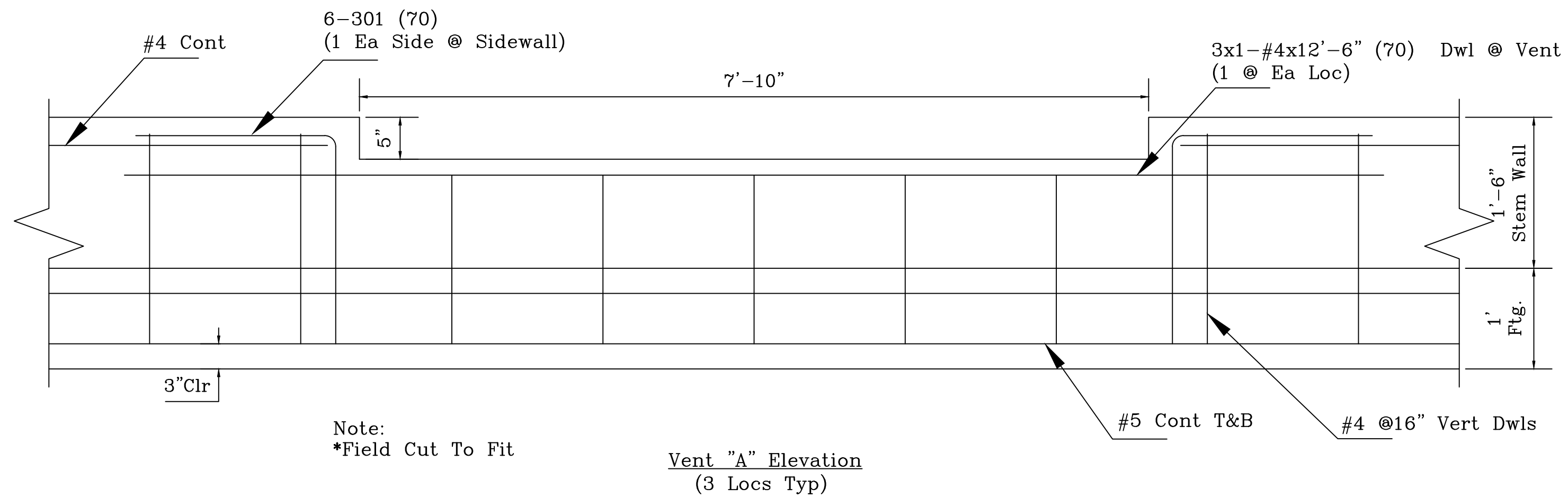
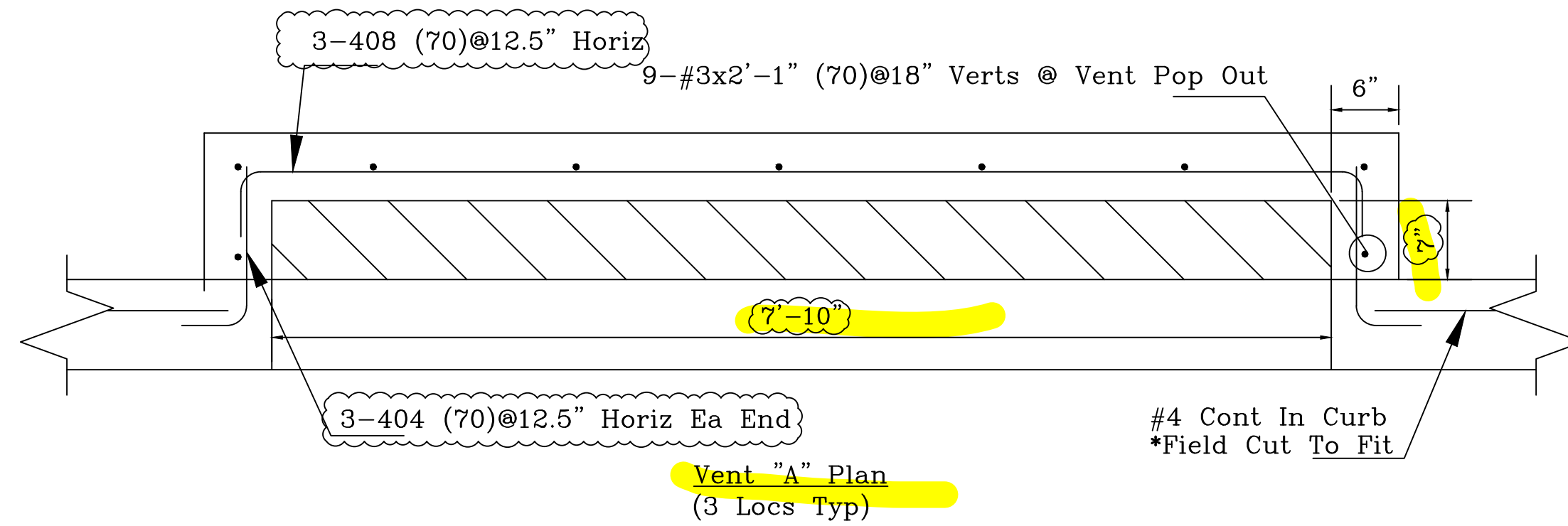
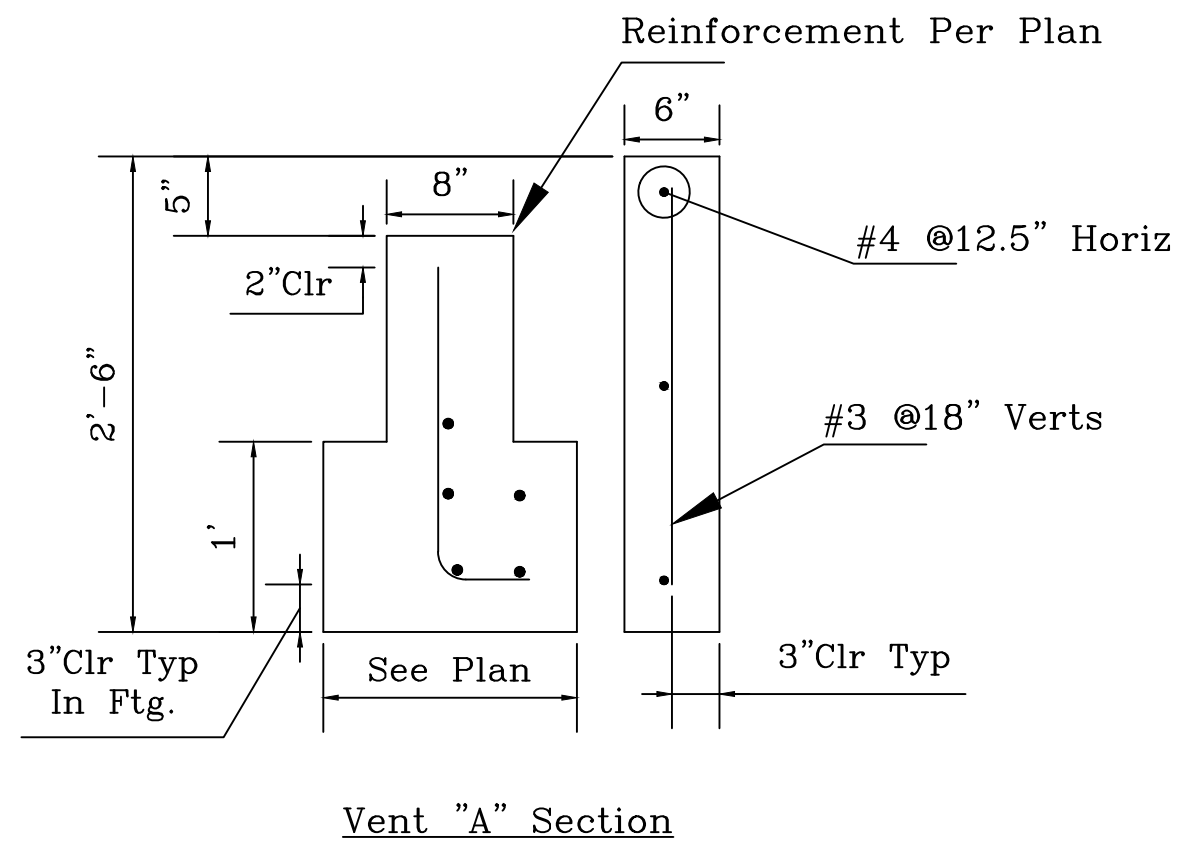
M1 Interior Return Ftg. (8 Locs Typ)

ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

PSG PACIFIC STEEL GROUP

DETAILING OFFICE: Fresno California
 TITLE: Details - Building K (Administration Details)
 PROJECT: Bessie Owens Jr. H.S. Phase III
 CUSTOMER: JTS Construction
 DRAWN BY: CR
 DATE: 1/20/23
 SHEET: CC23010 RB01-4

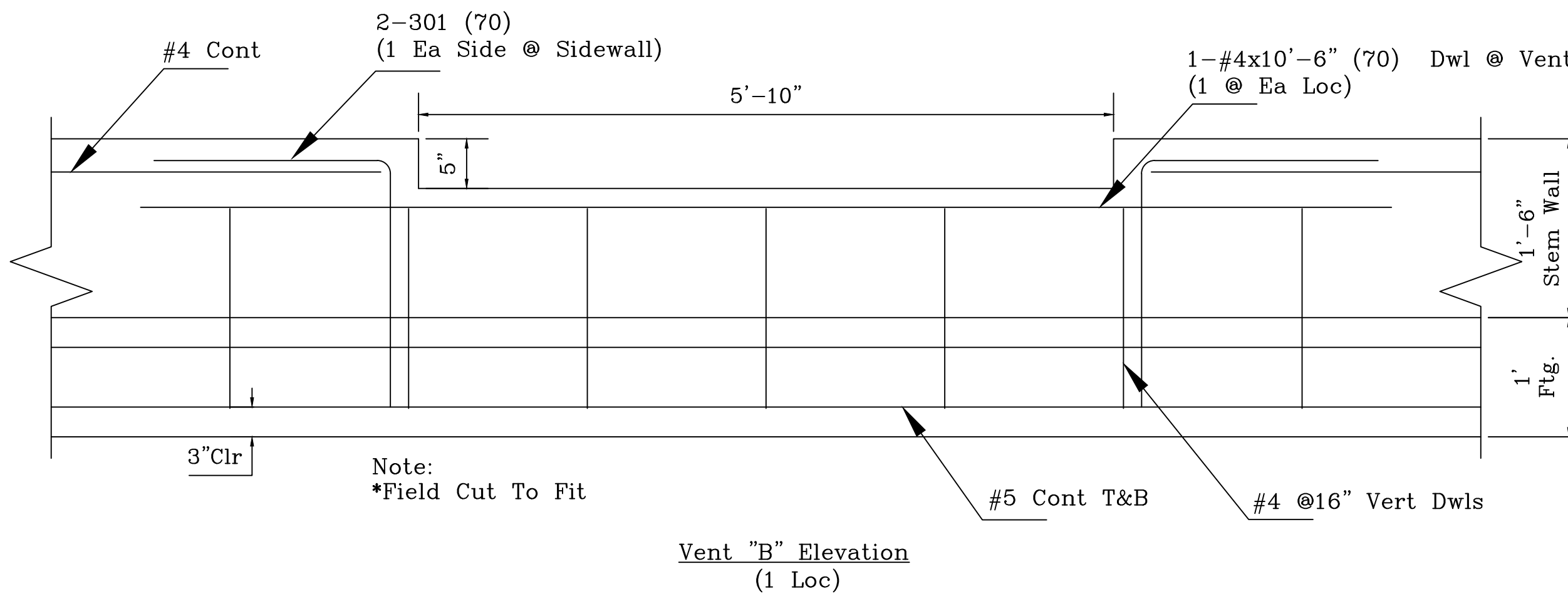
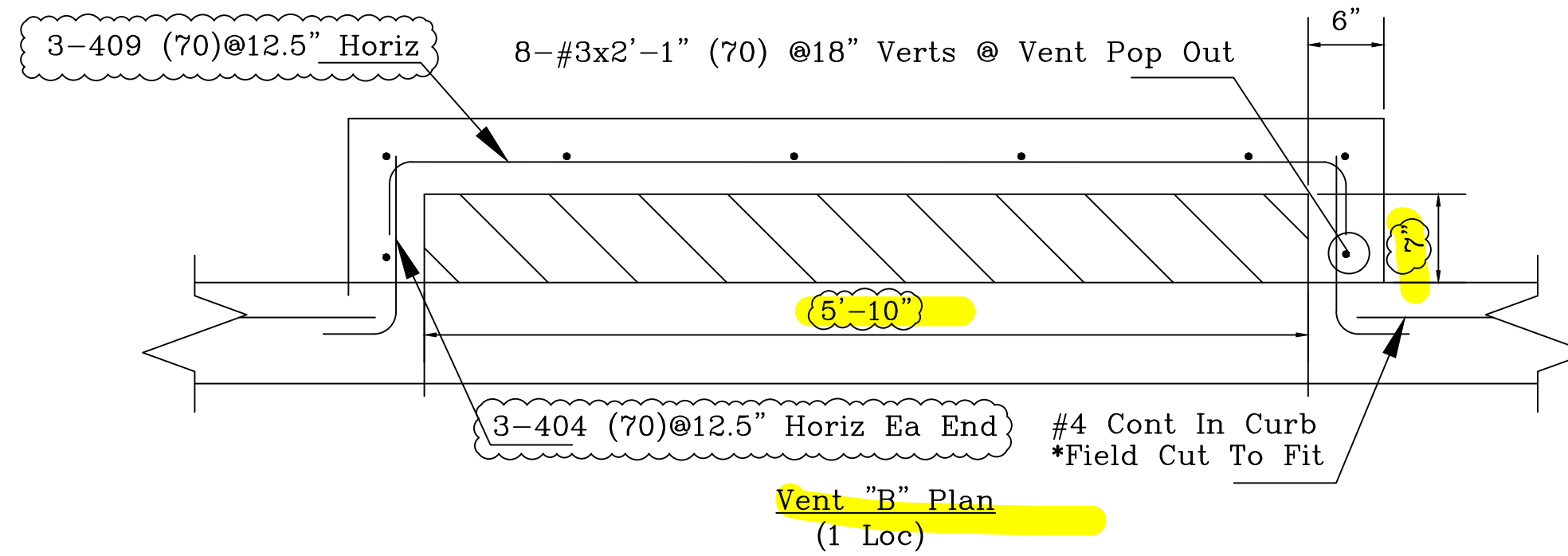
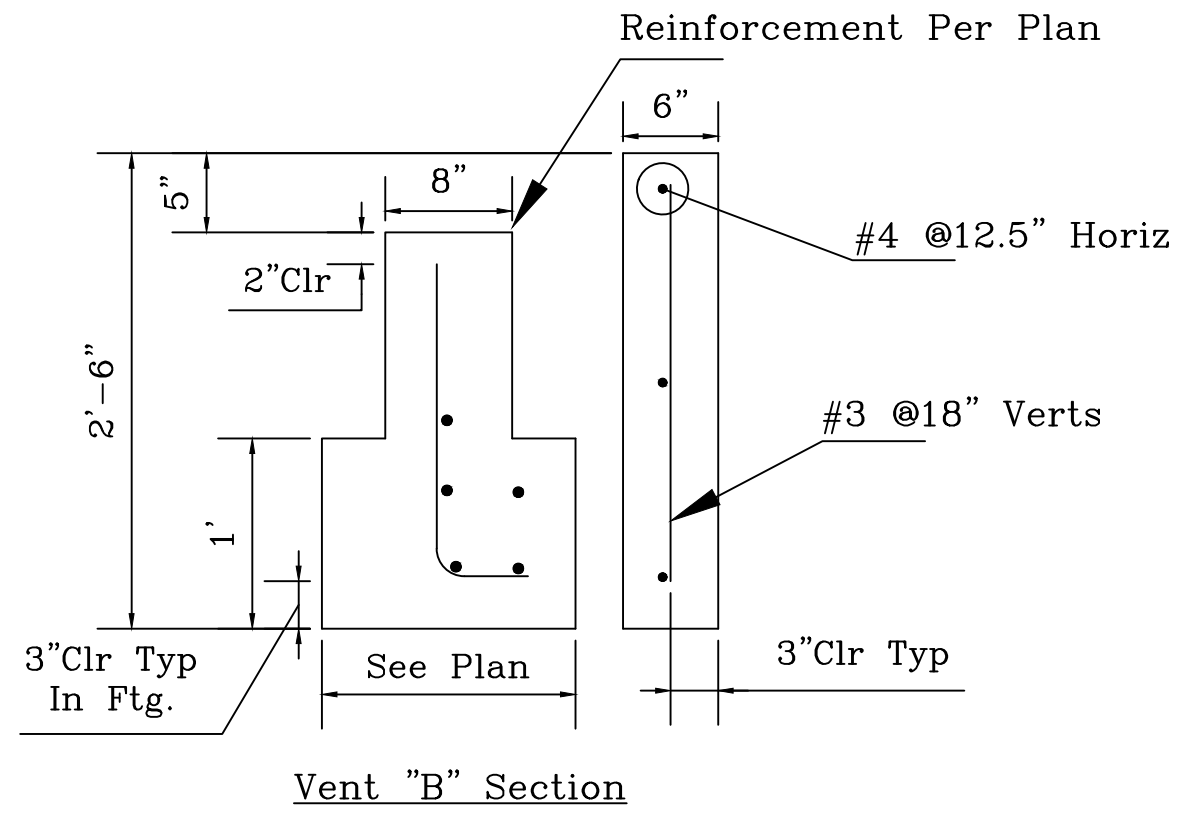
DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION	DATE
For Approval	2/3/23			
For Approval	1/20/23		Rev'd Per Comments	2/3/23



ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

PSG PACIFIC STEEL GROUP	
DETAILING OFFICE:	Fresno California
TITLE:	Details - Building K (Vent A Details)
PROJECT:	Bessie Owens Jr. H.S. Phase III
CUSTOMER:	JTS Construction
DRAWN BY:	CR
DATE:	1/20/23
JOB#	CC23010
DWG#	RBO 1-5

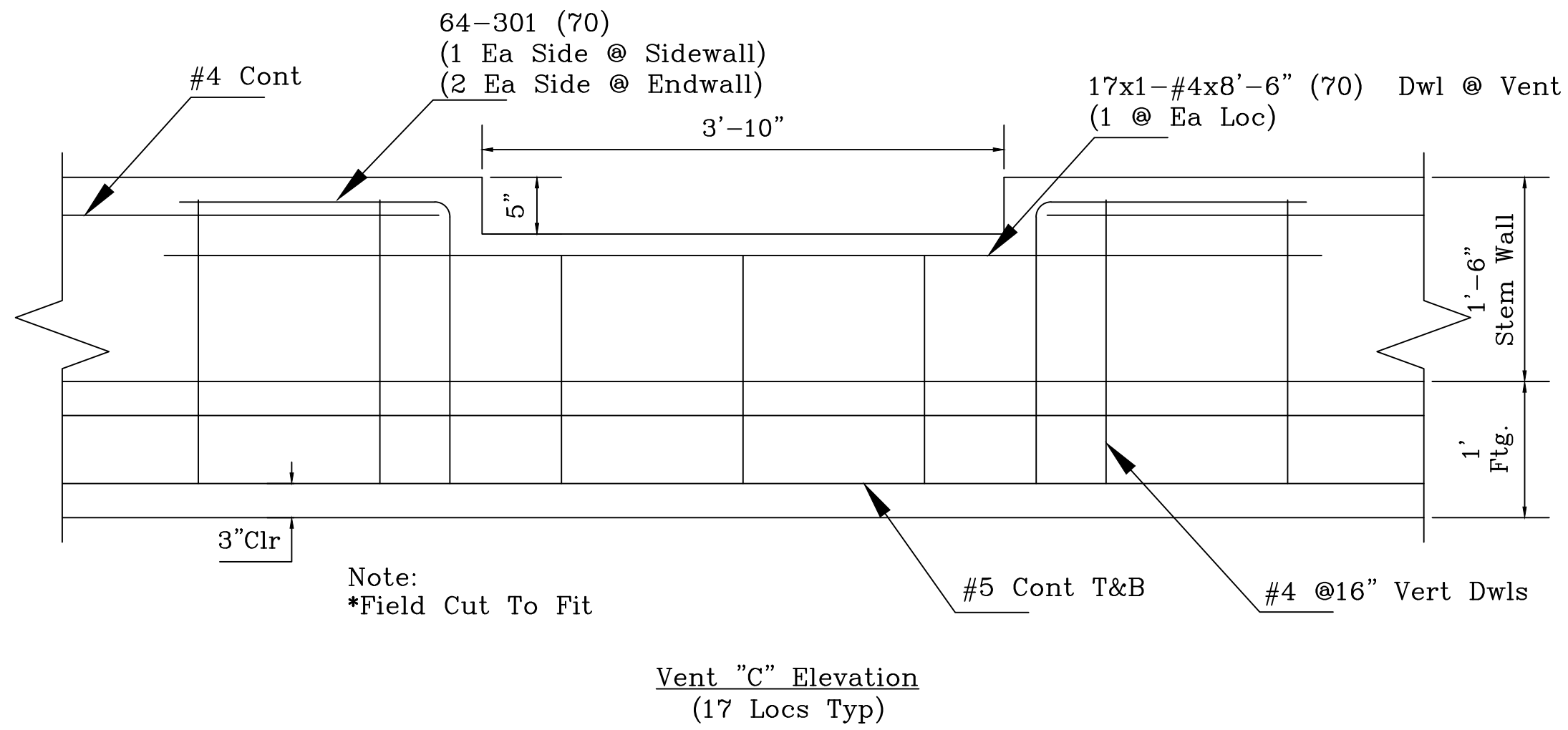
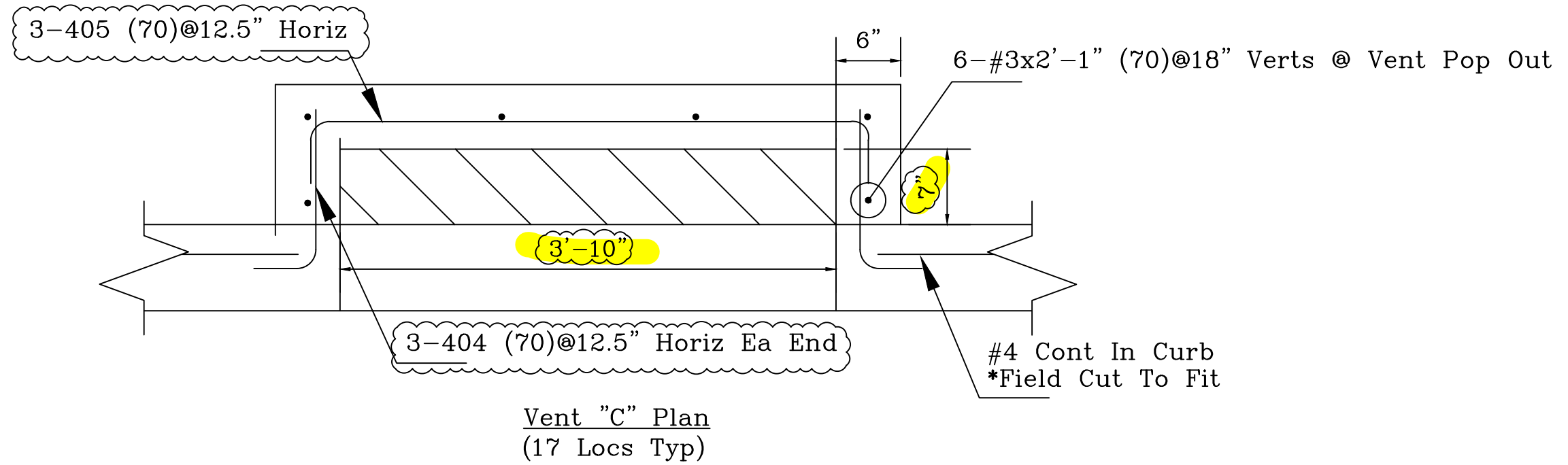
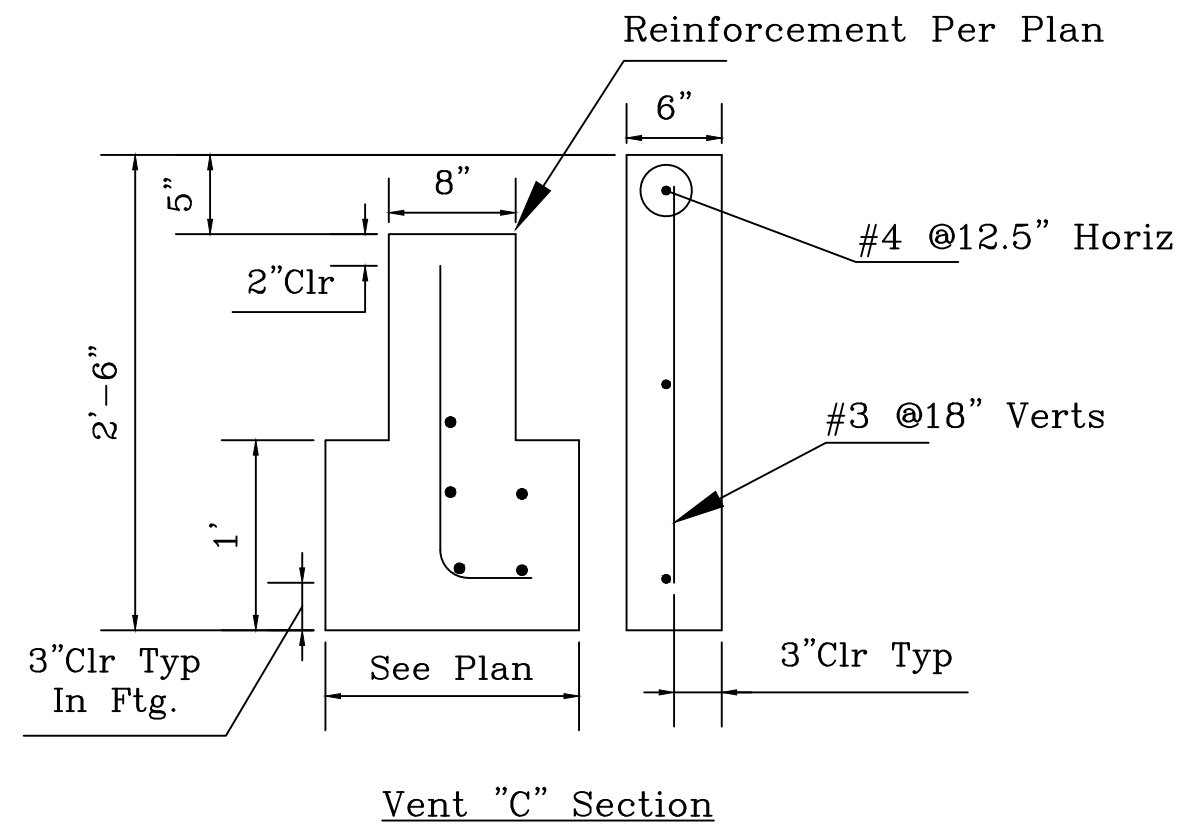
DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION	DATE
For Approval	2/3/23			
For Approval	1/20/23		Rev'd Per Comments	2/3/23



ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

PSG PACIFIC STEEL GROUP	
DETAILING OFFICE:	Fresno California
TITLE:	Details - Building K (Vent B Details)
PROJECT:	Bessie Owens Jr. H.S. Phase III
CUSTOMER:	JTS Construction
DRAWN BY:	CR
DATE:	1/20/23
JOB#	CC23010
DWG#	RBO 1-6
SHEET:	

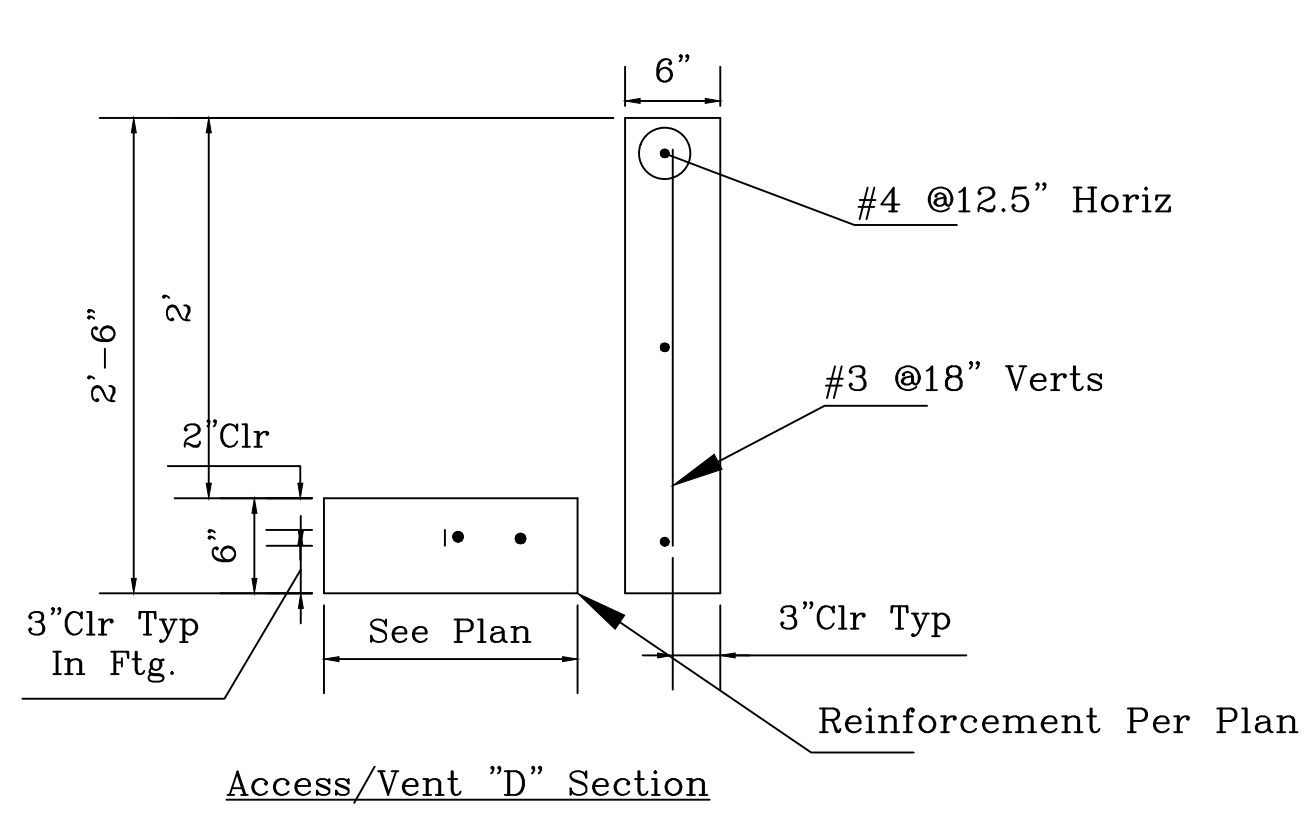
DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION	DATE
For Approval	2/3/23			
For Approval	1/20/23		Revd Per Comments	2/3/23



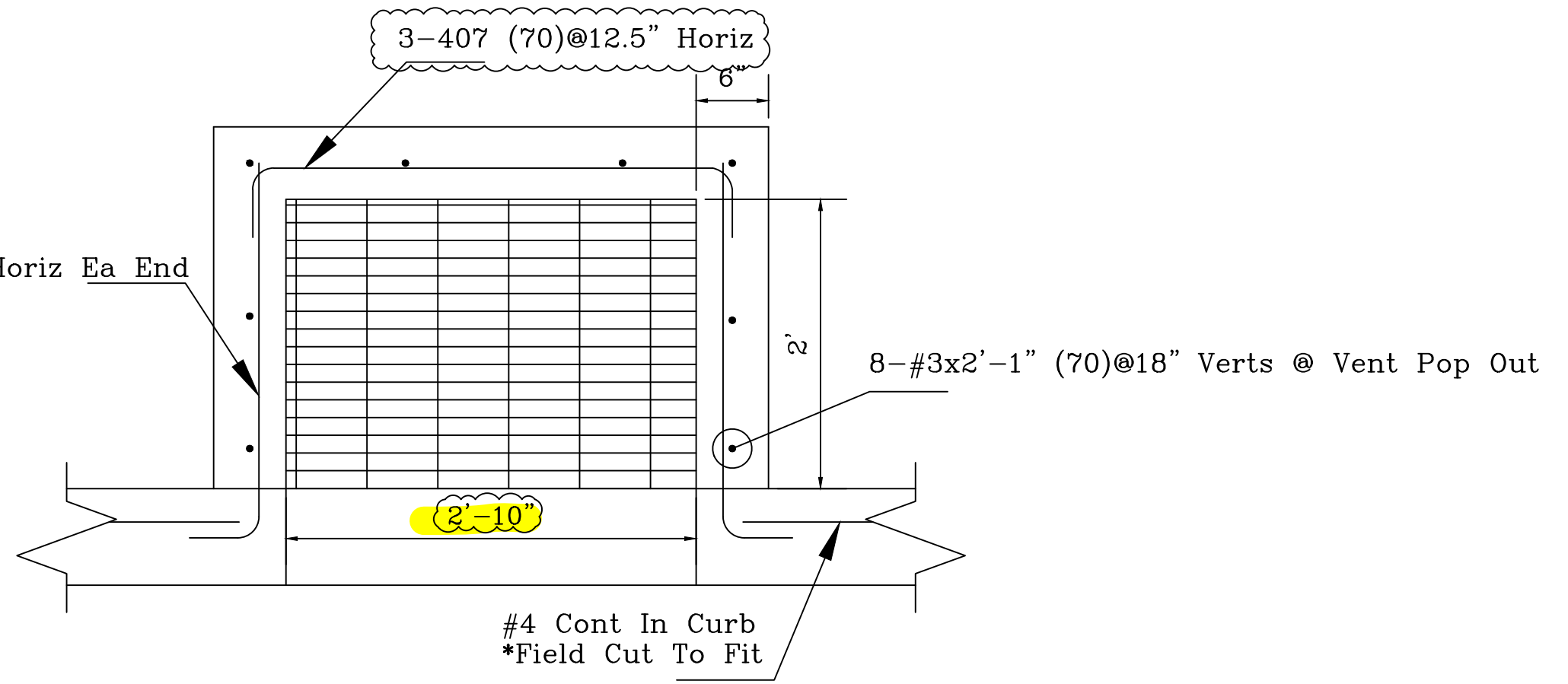
ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

PSG		PACIFIC STEEL		GROUP	
DETAILING OFFICE:		Fresno California			
TITLE:		Details - Building K (Vent C Details)			
PROJECT:		Bessie Owens Jr. H.S. Phase III			
CUSTOMER:		JTS Construction			
DRAWN BY:		CR			
DATE:	1/20/23	JOB#	CC23010	DWG#	RBO 1-7
DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION	DATE	SHEET:

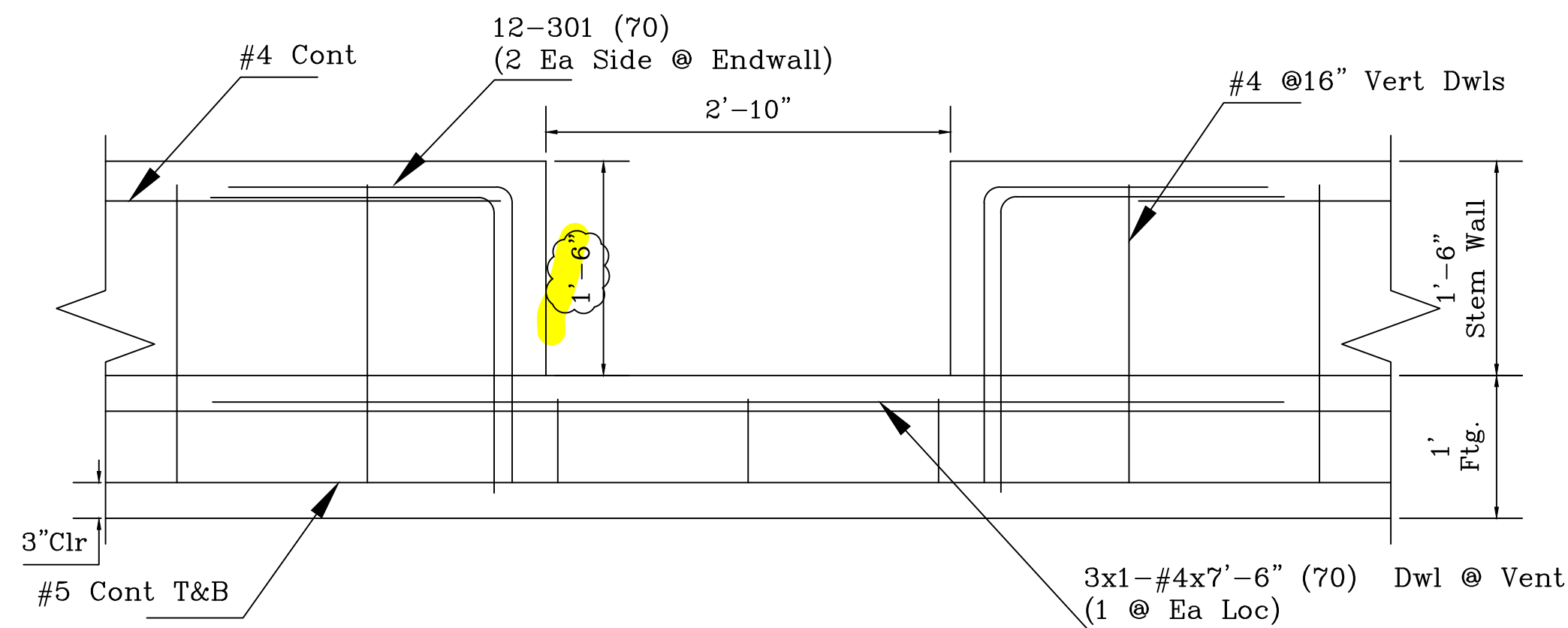
For Approval	2/3/23				
For Approval	1/20/23		Revd Per Comments	2/3/23	
DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION	DATE	SHEET:



Access/Vent "D" Section



Access/Vent "D" Plan
(3 Locs Typ)

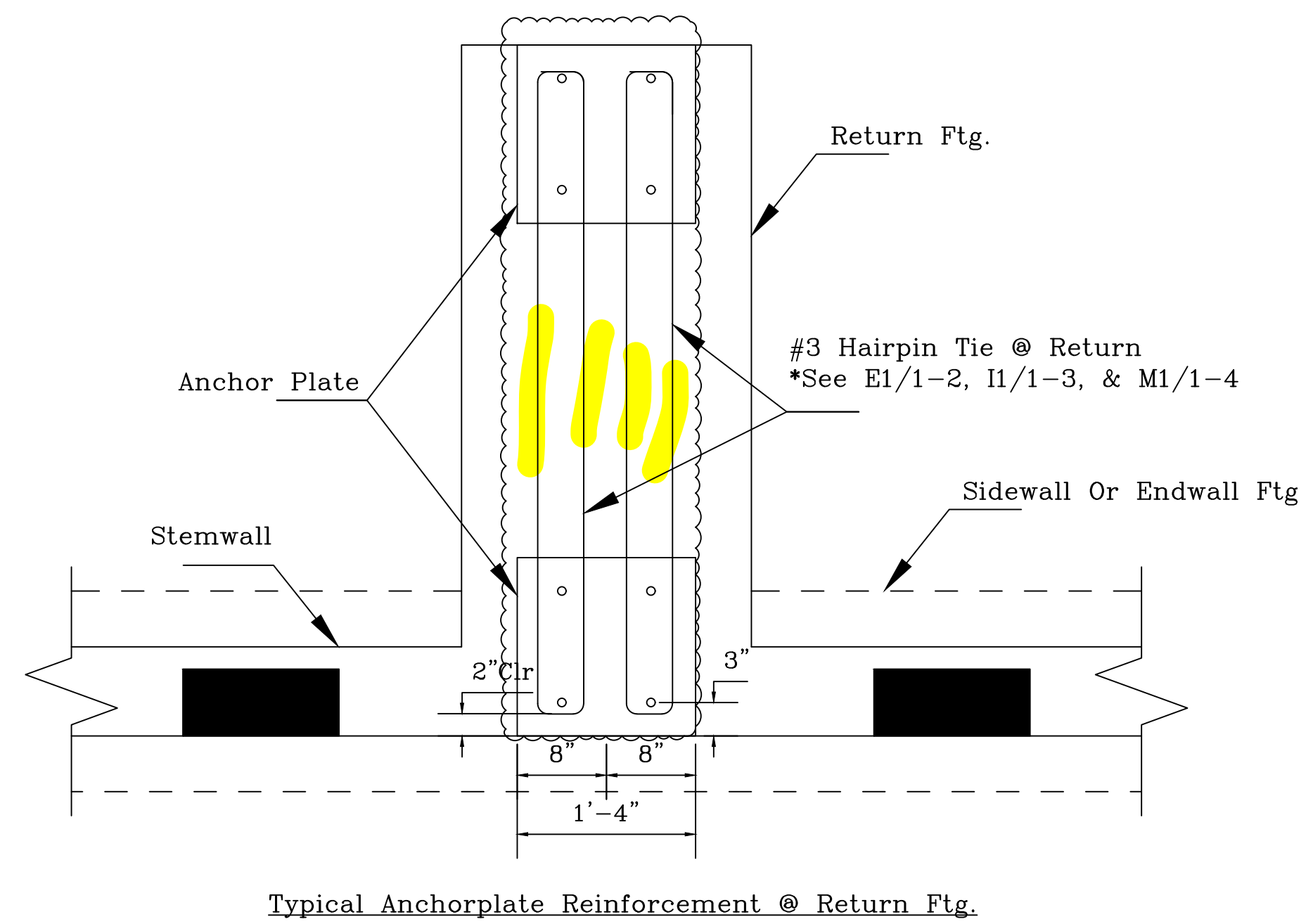
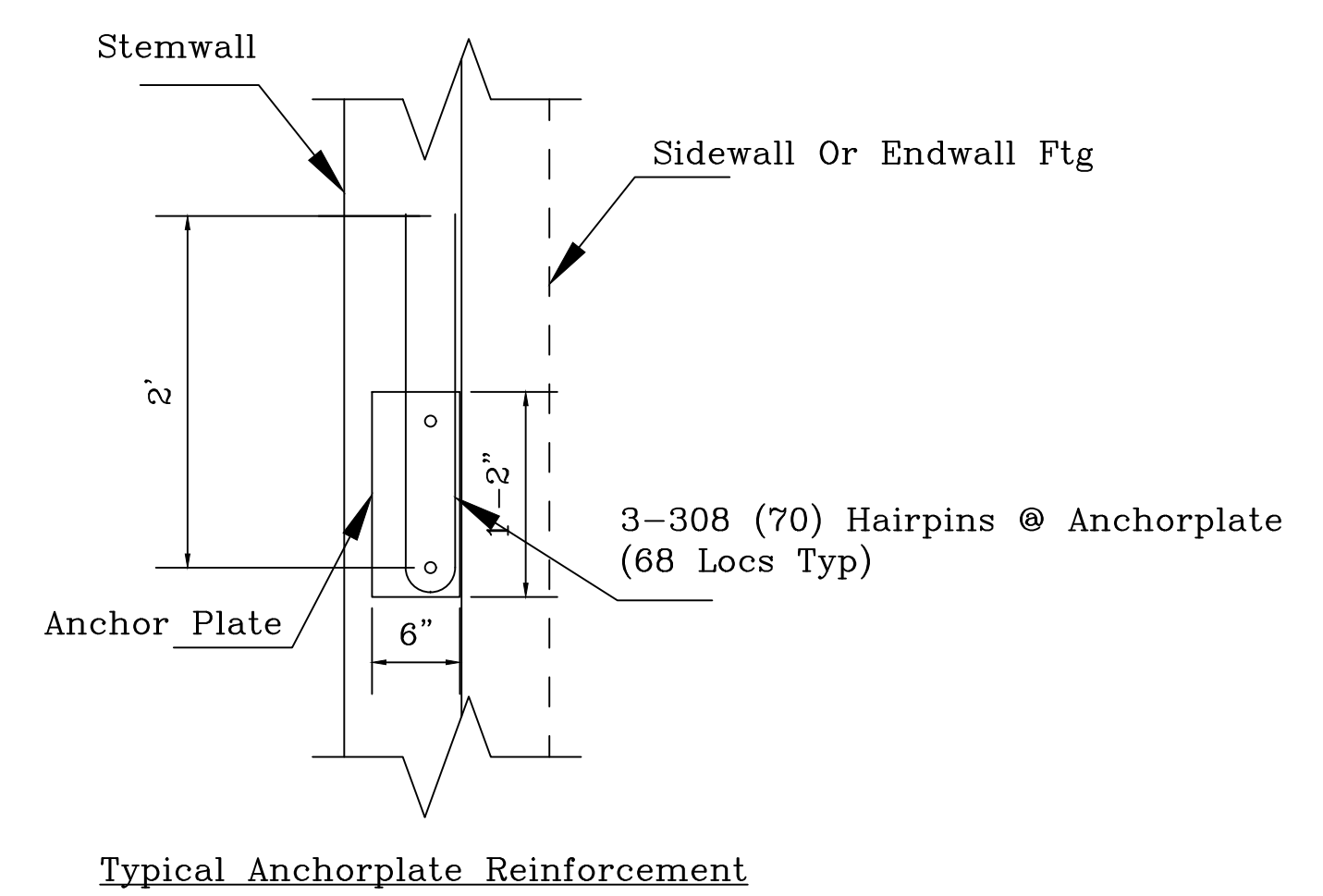
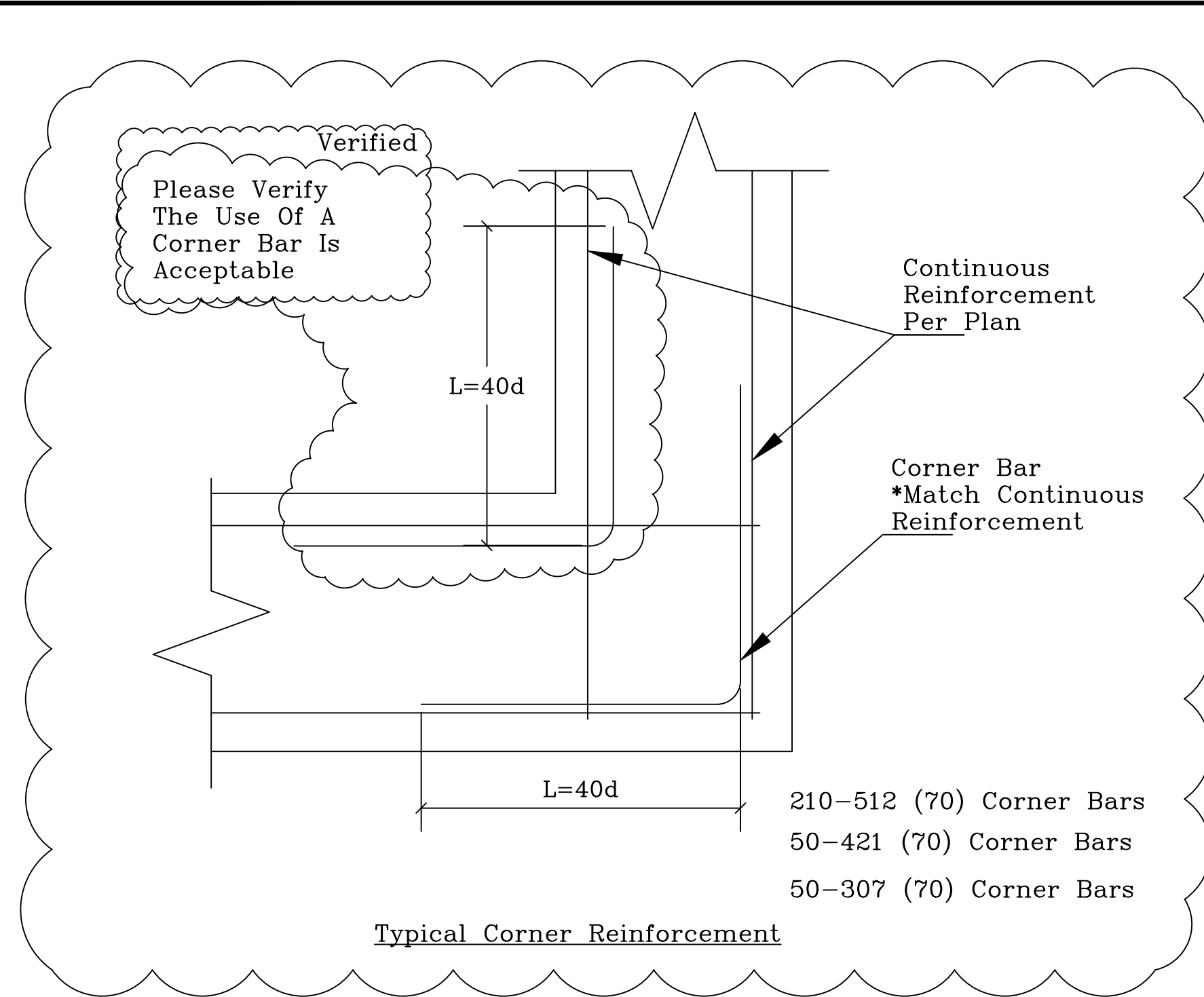


Note:
*Field Cut To Fit
Access/Vent "D" Elevation
(3 Locs Typ)

ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

PSG PACIFIC STEEL GROUP	
DETAILING OFFICE:	Fresno California
TITLE:	Details - Building K (Access/Vent D Details)
PROJECT:	Bessie Owens Jr. H.S. Phase III
CUSTOMER:	JTS Construction
DRAWN BY:	CR
DATE:	1/20/23
JOB#	CC23010
DWG#	RBO 1-8
SHEET:	

DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION	DATE
For Approval	2/3/23			
For Approval	1/20/23		Rev'd Per Comments	2/3/23



ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

PSG PACIFIC STEEL GROUP

DETAILING OFFICE: Fresno California

TITLE: Details - Building K (Typ Corner Details)

PROJECT: Bessie Owens Jr. H.S. Phase III

CUSTOMER: JTS Construction

DRAWN BY: CR

DATE: 1/20/23

JOB#: CC23010

DWG#: RBO 1-9

DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION	DATE	SHEET:
For Approval	2/3/23				
For Approval	1/20/23		Rev'd Per Comments	2/3/23	

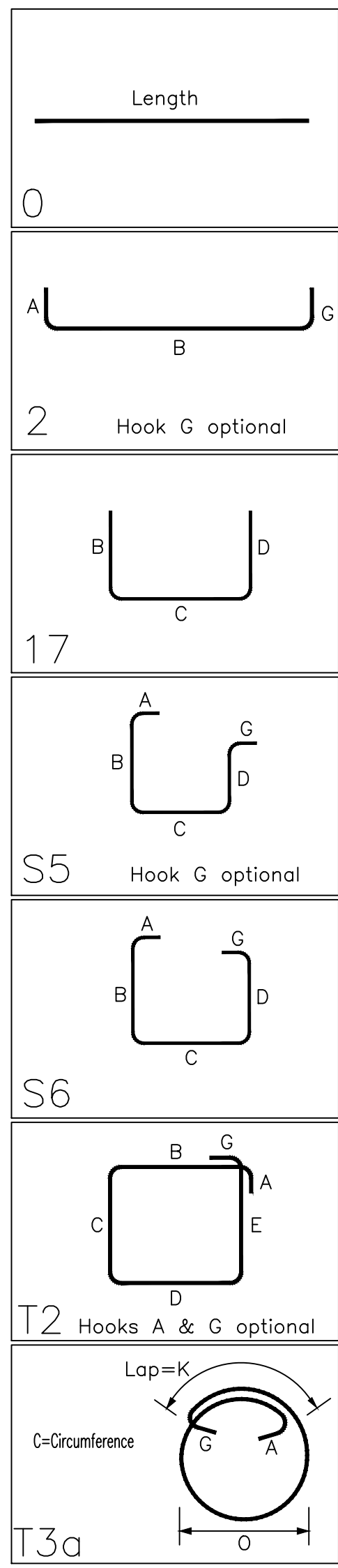
Member Title : Parent Center				BAR LIST												
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
	4	#4	25'-6"			25'-6"										
401	41	#4	2'-7"	17		2'-1"	6"									
412	12	#4	2'-9"	S6	4 1/2"	6"	1'-0"	6"			4 1/2"					
	8	#5	25'-6"			25'-6"										
422	41	#4	3'-5 1/2"	S5	4 1/2"	6"	6"	2'-1"								
	4	#4	30'-0"			30'-0"										
	6	#5	30'-0"			30'-0"										
	8	#5	14'-0"			14'-0"										
	4	#4	13'-0"			13'-0"										
	4	#4	24'-2"			24'-2"										
	8	#5	24'-2"			24'-2"										
	4	#4	10'-0"			10'-0"										
	6	#5	10'-0"			10'-0"										
305	12	#3	11'-1"	T2	4"	4 1/2"	4'-10"	4 1/2"	4'-10"		4"					
	4	#3	5'-1"			5'-1"										
	14	#5	2'-1"			2'-1"										
	10	#5	5'-1"			5'-1"										
424	15	#4	4'-3"	T3a	4 1/2"		3'-1 1/2"				4 1/2"			4 1/2"	1'-0"	
	18	#5	2'-8"			2'-8"										
506	12	#5	2'-11"	2	10"	2'-1"										
415	6	#4	2'-11"	17		1'-0"	11"	1'-0"								

Bar list produced by RebarCAD 2020.0

Member Title : Library				BAR LIST												
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
	4	#4	30'-0"			30'-0"										
	6	#5	30'-0"			30'-0"										
416	27	#4	3'-3"	S6	4 1/2"	6"	1'-6"	6"			4 1/2"					
401	96	#4	2'-7"	17		2'-1"	6"									
	12	#5	16'-0"			16'-0"										
	24	#5	25'-0"			25'-0"										
	4	#4	16'-0"			16'-0"										
	16	#4	25'-0"			25'-0"										
	4	#4	11'-0"			11'-0"										
	6	#5	11'-0"			11'-0"										
	12	#5	19'-0"			19'-0"										
	4	#4	18'-0"			18'-0"										
306	48	#3	16'-1"	T2	4"	4 1/2"	7'-4"	4 1/2"	7'-4"		4"					
	16	#3	7'-10"			7'-10"										
	40	#5	7'-10"			7'-10"										
	80	#5	2'-1"			2'-1"										
423	33	#4	3'-9 1/2"	S5	4 1/2"	6"	10"	2'-1"								
424	100	#4	4'-3"	T3a	4 1/2"		3'-1 1/2"				4 1/2"			4 1/2"	1'-0"	
	160	#5	3'-9"			3'-9"										
506	80	#5	2'-11"	2	10"	2'-1"										
415	40	#4	2'-11"	17		1'-0"	11"	1'-0"								

Bar list produced by RebarCAD 2020.0

NOTE: THE BAR QTY'S ON THIS SHEET HAVE NOT BEEN REVIEWED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING MATERIAL QTY. CONTRACTOR SHALL VERIFY BEND LENGTH AND RADIUS, AND LAP LENGTHS, ARE IN COMPLIANCE WITH ACI 318.



ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

PSG PACIFIC STEEL GROUP

DETAILING OFFICE: Fresno California

TITLE: Barlist - Building K
Parent Center & Library

PROJECT: Bessie Owens Jr. H.S. Phase III

CUSTOMER: JTS Construction

DRAWN BY: CR

DATE: 1/20/23

JOB#: CC23010

DWG#: RBO 1-10

SHEET:

DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION	DATE
For Approval	2/3/23			
For Approval	1/20/23		Rev'd Per Comments	2/3/23

Member Title : Admin					BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
419	26	#4	3'-1"	S6	4 1/2"	6"	1'-4"	6"			4 1/2"					
401	94	#4	2'-7"	17		2'-1"	6"									
	20	#5	17'-0"			17'-0"										
	32	#5	25'-0"			25'-0"										
	8	#4	17'-0"			17'-0"										
	24	#4	25'-0"			25'-0"										
	12	#5	16'-0"			16'-0"										
	4	#4	15'-0"			15'-0"										
	4	#4	11'-0"			11'-0"										
	6	#5	11'-0"			11'-0"										
	40	#5	5'-3"			5'-3"										
	56	#5	2'-1"			2'-1"										
	16	#3	5'-3"			5'-3"										
305	48	#3	11'-1"	T2	4"	4 1/2"	4'-10"	4 1/2"	4'-10"		4"					
422	94	#4	3'-5 1/2"	S5	4 1/2"	6"	6"	2'-1"								
424	100	#4	4'-3"	T3a	4 1/2"		3'-1 1/2"				4 1/2"			4 1/2"	1'-0"	
	120	#5	3'-0"			3'-0"										
506	80	#5	2'-11"	2	10"	2'-1"										
415	40	#4	2'-11"	17		1'-0"	11"	1'-0"								

Bar list produced by RebarCAD 2020.0

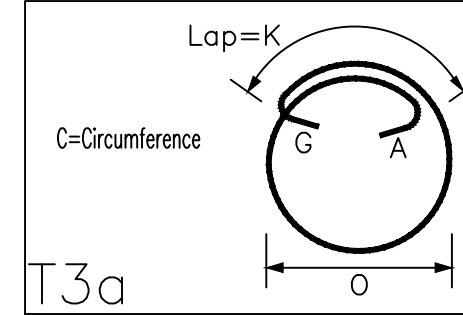
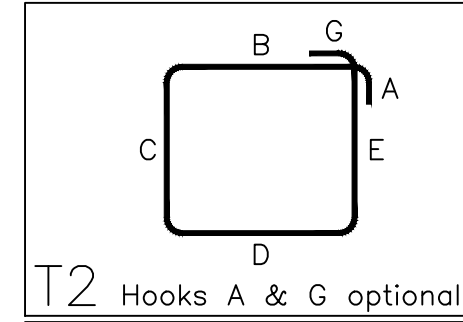
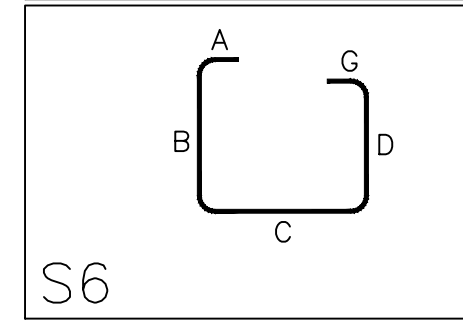
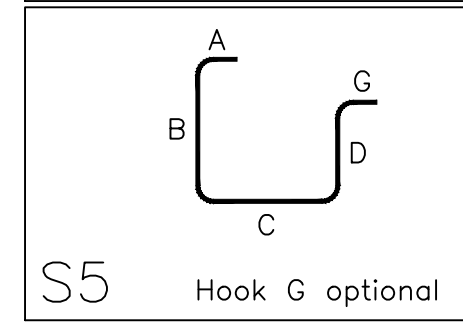
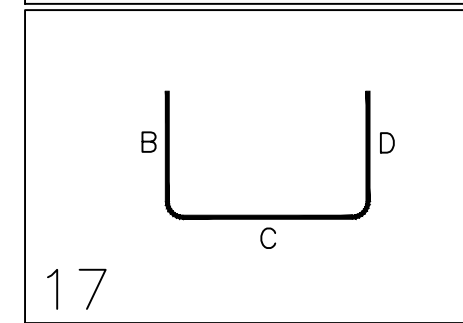
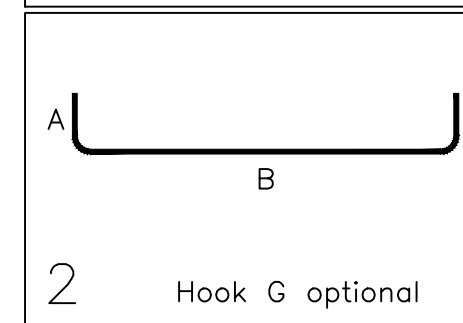
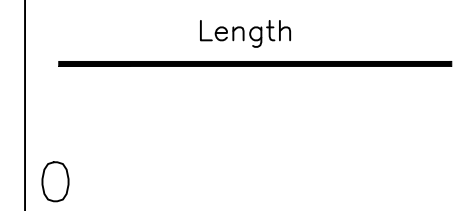
Member Title : 'K' Bldg Interior Ftg					BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
513	140	#5	2'-9"	2	8"	2'-1"										
	70	#5	2'-1"			2'-1"										
	20	#5	8'-0"			8'-0"										
	20	#5	30'-0"			30'-0"										
	70	#5	2'-6"			2'-6"										
	8	#3	8'-0"			8'-0"										
	8	#4	30'-0"			30'-0"										
	20	#5	11'-0"			11'-0"										
	40	#5	25'-0"			25'-0"										
	8	#3	11'-0"			11'-0"										
	16	#4	25'-0"			25'-0"										

Bar list produced by RebarCAD 2020.0

Member Title : 'K' Bldg Vents					BAR LIST											
Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
405	51	#4	5'-4"	17		6"	4'-4"	6"								
404	126	#4	1'-8"	17		1'-2"	6"									
	161	#3	2'-1"			2'-1"										
301	84	#3	4'-1"	17		2'-1"	2'-0"									
	17	#4	8'-6"			8'-6"										
406	18	#4	3'-1"	17		2'-7"	6"									
407	9	#4	4'-4"	17		6"	3'-4"	6"								
	3	#4	7'-6"			7'-6"										
408	9	#4	9'-4"	17		6"	8'-4"	6"								
	3	#4	12'-6"			12'-6"										
409	3	#4	7'-4"	17		6"	6'-4"	6"								
	1	#4	10'-6"			10'-6"										

Bar list produced by RebarCAD 2020.0

NOTE:
THE BAR QTY'S ON THIS SHEET HAVE NOT BEEN REVIEWED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING MATERIAL QTY.
CONTRACTOR SHALL VERIFY BEND LENGTH AND RADIUS, AND LAP LENGTHS, ARE IN COMPLIANCE WITH ACI 318.



ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

PSG		PACIFIC STEEL GROUP	
DETAILING OFFICE: Fresno California		TITLE: Barlist - Building K	
PROJECT: Bessie Owens Jr. H.S. Phase III		CUSTOMER: JTS Construction	
DRAWN BY: CR		DATE: 1/20/23	
JOB#: CC23010		DWG#: RBO 1-11	

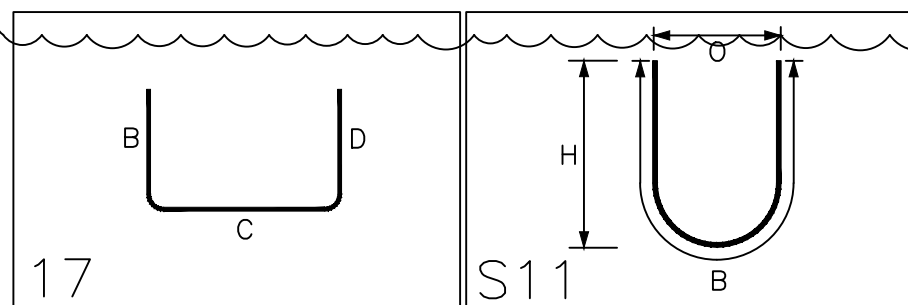
DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION	DATE
For Approval	2/3/23			
For Approval	1/20/23		Rev'd Per Comments	2/3/23

Member Title : 'K' Bldg Corner & Hairpins

BAR LIST

Bar Mark	Qty	Size	Total Length	Type	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'J'	'K'	'O'	'R'
512	210	#5	5'-0"	17		2'-6"	2'-6"									
421	50	#4	5'-0"	17		2'-6"	2'-6"									
307	50	#3	5'-0"	17		2'-6"	2'-6"									
308	204	#3	4'-5 1/2"	S11		4'-5 1/2"						2'-2"			3 3/4"	

Bar list produced by RebarCAD 2020.0



NOTE:
THE BAR QTY'S ON THIS SHEET HAVE NOT BEEN REVIEWED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING MATERIAL QTY. CONTRACTOR SHALL VERIFY BEND LENGTH AND RADIUS, AND LAP LENGTHS, ARE IN COMPLIANCE WITH ACI 318.

ALL REINFORCING BARS CONFORM TO ASTM A615 GRADE 60 UNLESS NOTED OTHERWISE. THIS DRAWING TO BE USED FOR REBAR PLACEMENT ONLY.

PSG PACIFIC STEEL GROUP	
DETAILING OFFICE:	Fresno California
TITLE:	Barlist - Building K Corners & Hairpins
PROJECT:	Bessie Owens Jr. H.S. Phase III
CUSTOMER:	JTS Construction
DRAWN BY:	CR
DATE:	1/20/23
JOB#	CC23010
DWG#	RBO 1-12

DRAWING SUBMISSION STATUS	DATE	REV	REVISION DESCRIPTION	DATE
For Approval	2/3/23			
For Approval	1/20/23		Revd Per Comments	2/3/23

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BP 18 Modular Building K

For Reference Only, Concrete Foundation and Vents by Concrete Contractor

NOTES

- FOUNDATION PLAN HAS A 1/4" ADDED AT EACH MODULE LINE AND DOES NOT MATCH THE FLOOR PLAN. ADDITIONAL LENGTH ADDED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
- 2'-0" MAXIMUM VENT SIZE AT SIDE WALLS
4'-0" MAXIMUM VENT SIZE AT END WALLS
3'-0" MINIMUM DISTANCE FROM EDGE OF VENT TO STEM WALL CORNER
2'-0" MINIMUM DISTANCE BETWEEN VENT EDGES
- CRAWLSPACE VAPOR RETARDERS (OPTIONAL):
THE OPTIONAL TOTAL AREA OF VENTILATION OPENINGS IS PERMITTED TO BE REDUCED TO 1/1500 FACTOR WITH AN APPROVED VAPOR RETARDER MATERIAL PER CBC SECTION 1203.4.2(2).
GROUND SURFACE COVERED WITH AN APPROVED VAPOR RETARDER MATERIAL MUST HAVE A PERM RATING OF ONE OR LESS; SHOULD BE CONTINUOUS POLYETHYLENE FILM (≥ 6 MIL), POOL LINER (PUNCTURE RESISTANT), AND POLYETHYLENE FILM WITH RAT SLAB.
INSTALLATION RECOMMENDATIONS:
OVERLAP JOINTS BY 6 INCHES TARE OR SEAL ALL JOINTS; EXTEND VAPOR RETARDER A MINIMUM OF 6 INCHES UP THE STEM WALL (MORE IS BETTER); SEAL TO ALL PIERS AND OTHER PENETRATIONS.
- SOIL BEARING PRESSURE OF 1500 PSF USED FOR DESIGN.
- PER GEO TECHNICAL REPORT, KA NO 022-18132
 - PROVIDE OVER EXCAVATION PER REPORT, PAGE 16
 - ENGINEERING FILL PER PAGE 18
 - FOUNDATION PER PAGE 19
- WHERE THE BUILDING OCCURS ON OR ADJACENT TO A SLOPE (GREATER THAN 3%) THE SETBACK SHALL COMPLY WITH CBC SECTION 1806A.7. THE MINIMUM SETBACK AT THE TOP OF THE SLOPE SHALL BE NOT LESS THAN SMALLER OF 4'-0" OR 1/3 THE HEIGHT OF THE SLOPE. THE MINIMUM SETBACK AT THE BOTTOM OF THE SLOPE SHALL BE NOT LESS THAN THE SMALLER OF 15'-0" OR 1/2 THE HEIGHT OF THE SLOPE. THE SETBACK DISTANCES INDICATED HERE MAY BE REDUCED WHEN A SITE SPECIFIC GEOTECHNICAL REPORT IS PROVIDED.

ANCHOR NOTES:

- ANCHOR PLATES SHALL BE PLACED SUCH THAT THE FOLLOWING MINIMUM CRITERIA ARE MET:
 - ONE (1) LARGE ANCHOR PLATE AT EA. END OF EVERY MATE LINE.
 - ONE (1) ANCHOR PLATE WITHIN 3' OF OVERALL BUILDING CORNERS IN EA DIRECTION.
- SIDE WALL AND END WALL ANCHOR PLATES, OTHER THAN THOSE DESCRIBED IN NOTE 1, MAY BE PLACED AT ANY LOCATION ALONG THE BUILDING, BUT SHOULD BE SPACED AS EVENLY AS POSSIBLE.
- ANCHOR PLATES WITHIN 21" OF A VENT, OPENING, OR CORNER SHALL BE REINFORCED WITH HAIRPINS PER 18F-2.5.1B

VENTING SCHEDULE

VENT "A": (6'-0" x 8'-0" METAL SCREEN COVER) 6'-0" x 5'-0" = 30.0 S.F. VENTILATION
VENT "B": (6'-0" x 8'-0" METAL SCREEN COVER) 6'-0" x 9'-0" = 24.3 S.F. VENTILATION
VENT "C": (4'-0" x 8'-0" METAL SCREEN COVER) 3'-10" x 5'-0" = 1.99 S.F. VENTILATION
ACCESS VENT "D": (3'-0" x 2'-0" METAL SCREEN COVER) 2'-10" x 1'-0" = 4.25 S.F. VENTILATION

60' x 60' BUILDING: 60' x 60' = 3600 SF / 150 = 24 SF VENT. REQ'D
 2 - "A" VENT = 6.02 SF
 1 - "B" VENT = 2.43 SF
 7 - "C" VENT = 11.13 SF
 1 - "D" ACCESS VENT = 4.25 SF
 24.33 SF TOTAL VENTILATION (> 24 SF)

FOOTING SCHEDULE @ 60x60 BLDGS

DESIGN FLOOR LIVE LOAD	SIDEWALL FOOTING	ENDWALL FOOTING	INTERIOR PAD FOOTING
50 + 15 PSF	12" WIDE (2) #5 CONT TAB	22" WIDE (4) #5 CONT TAB	3'-0" SQ (3) #5 EW
150 PSF	16" WIDE (2) #5 CONT TAB	24" WIDE (4) #5 CONT TAB	4'-3" SQ (4) #5 EW

ANCHOR PLATE SCHEDULE (60x60 BLDGS)

TOTAL NO. OF ANCHOR PLATES ALONG EACH DIRECTION (MATE-LINE END PLATES MAY BE COUNTED IN END WALL DIRECTION)

No. OF MODULES	DIRECTION	DESIGN FLOOR LIVE LOAD	
		UP TO 100 PSF	150 PSF
5	SIDE WALL	3	4
	END WALL	16	15
	MATE LINE	2 LARGE	4 LARGE

NOTE:

PLEASE REFER TO CIVIL PLANS FOR TOP OF FOOTING ELEVATION RELATIVE TO FINISHED FLOOR ELEVATION. ALSO PLEASE SEE DETAILS 2 THROUGH 5 ON PC SHEET F-2.50 FOR MINIMUM AND MAXIMUM ALLOWABLE FOUNDATION STEM WALL HEIGHTS

SYMBOLS LEGEND (WELDED CONNECTION)

- 16" x 4" x 3/8" EMBED PLATE, SEE DETAIL 9 / F-2.51
- ADDITIONAL 16" x 4" x 3/8" EMBED PLATE @ 150 PSF CONDITION ONLY, SEE DETAIL 9 / F-2.51
- 16" x 16" x 3/8" EMBED PLATE, SEE DETAIL 14 / F-2.51
- ADDITIONAL 16" x 16" x 3/8" EMBED PLATE @ 150 PSF CONDITION ONLY, SEE DETAIL 14 / F-2.51
- 6" x 8" x 3/8" EMBED PLATE, SEE DETAIL 7 / F-2.50
- 6" x 16" x 3/8" EMBED PLATE, SEE DETAIL 12 / F-2.50

FOOTING SCHEDULE @ 24x40 BLDG

DESIGN FLOOR LIVE LOAD	SIDEWALL FOOTING	ENDWALL FOOTING	INTERIOR PAD FOOTING
50 + 15 PSF	12" WIDE (2) #5 CONT TAB	18" WIDE (3) #5 CONT TAB	3'-0" SQ (3) #5 EW

ANCHOR PLATE SCHEDULE (24x40 BLDG)

TOTAL NO. OF ANCHOR PLATES ALONG EACH DIRECTION (MATE-LINE END PLATES MAY BE COUNTED IN END WALL DIRECTION)

No. OF MODULES	DIRECTION	DESIGN FLOOR LIVE LOAD	
		UP TO 100 PSF	150 PSF
2	SIDE WALL	2	3
	END WALL	2	3
	MATE LINE	2 LARGE	2 SMALL

Revise to "D" Access Vents

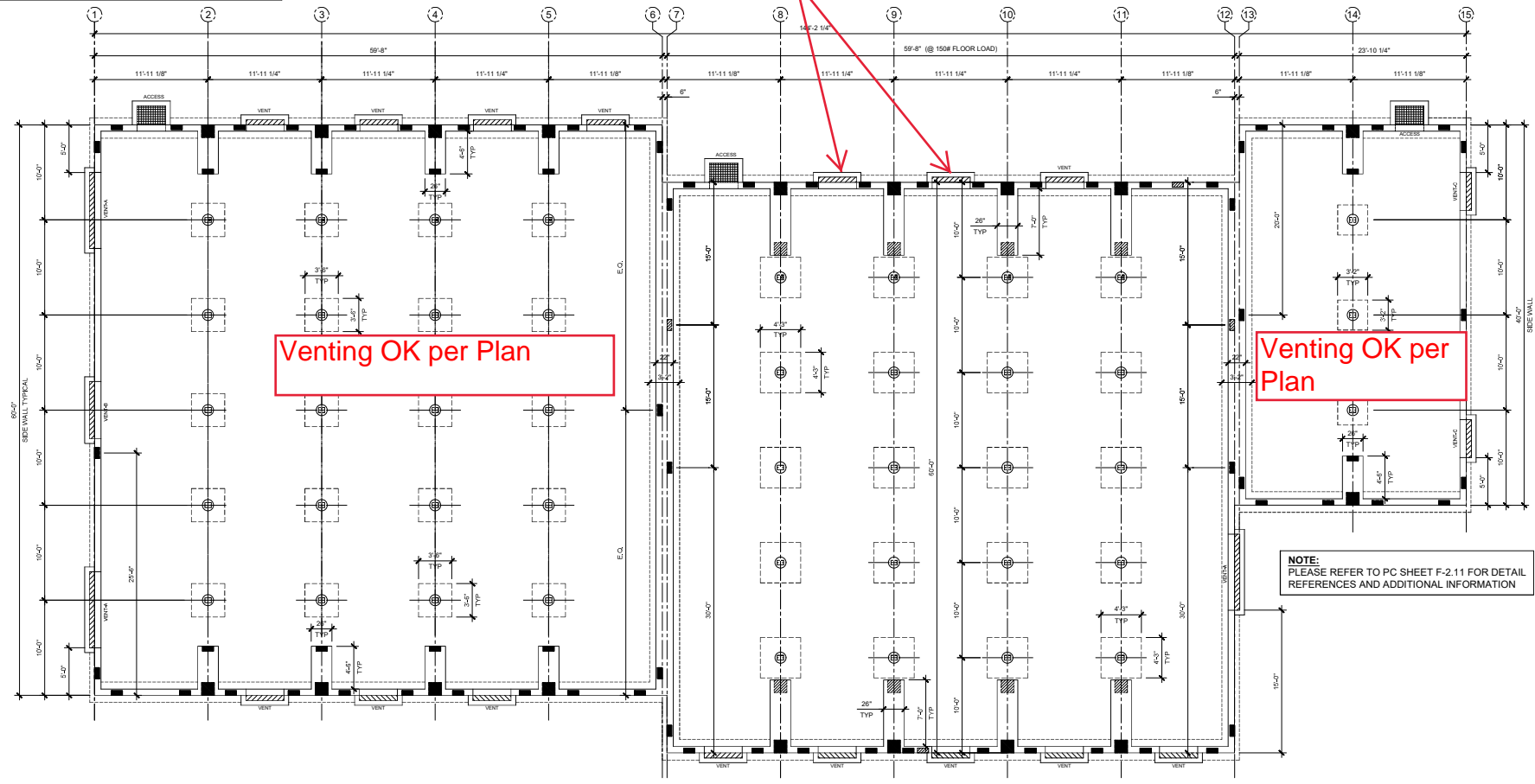
60' x 60' BUILDING: 60' x 60' = 3600 SF / 150 = 24 SF VENT. REQ'D
 2 - "A" VENT = 6.02 SF
 1 - "B" VENT = 2.43 SF
 8 - "C" VENT = 13.28 SF
 1 - "D" ACCESS VENT = 4.25 SF
 24.05 SF TOTAL VENTILATION (> 24 SF)

24' x 40' BUILDING: 24' x 40' = 960 SF / 150 = 6.4 SF VENT. REQ'D
 2 - "C" VENT = 3.18 SF
 1 - "D" ACCESS VENT = 4.25 SF
 7.43 SF TOTAL VENTILATION (> 6.4 SF)

Venting OK per Plan

Venting OK per Plan

NOTE: PLEASE REFER TO PC SHEET F-2.11 FOR DETAIL REFERENCES AND ADDITIONAL INFORMATION



IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP. 03-120162 INC.
 REVIEWED FOR:
 SS [] FLS [] ACS []
 DATE: 03/27/2020



ELITE MODULAR

PROJECT NAME:

SHEET TITLE:
FOUNDATION KEY PLAN



ARCHITECT OF RECORD

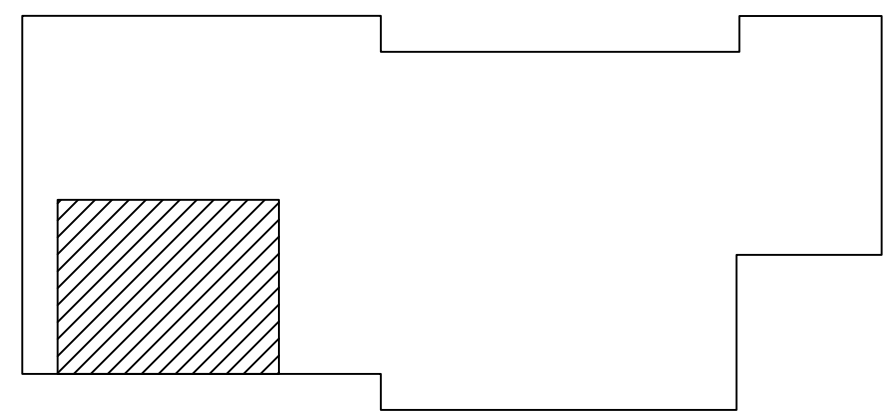
PROJECT SPECIFIC STATE AGENCY APPROVAL

REVISIONS

PROJECT NO:
 DRAWN BY:
 SCALE: AS NOTED
 DATE: 2-20-2020

SHEET NUMBER
F-2.11N PHASE III

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LOCATION KEYPLAN

ELECTRICAL LEGEND

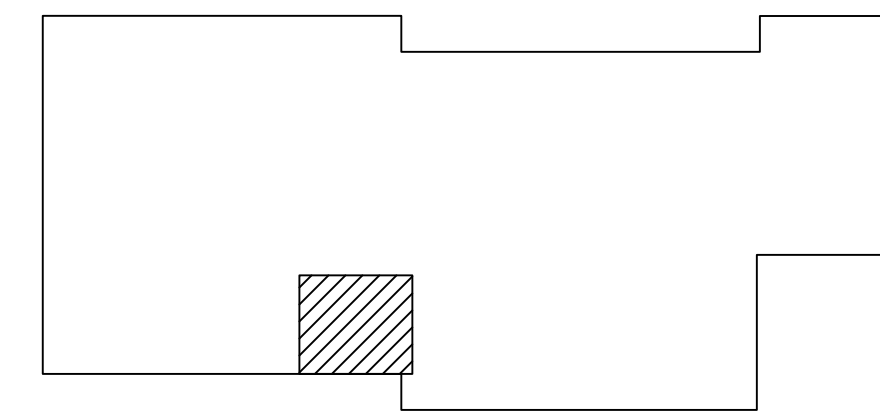
Location of revised data and duplex receptacle power outlets. Mount at +15" AFF U.N.O. to bottom of the outlet box and horizontally to centerline between boxes where noted.



(N) 3/4" EMT from attic to top of door frame at strike side (TYP).

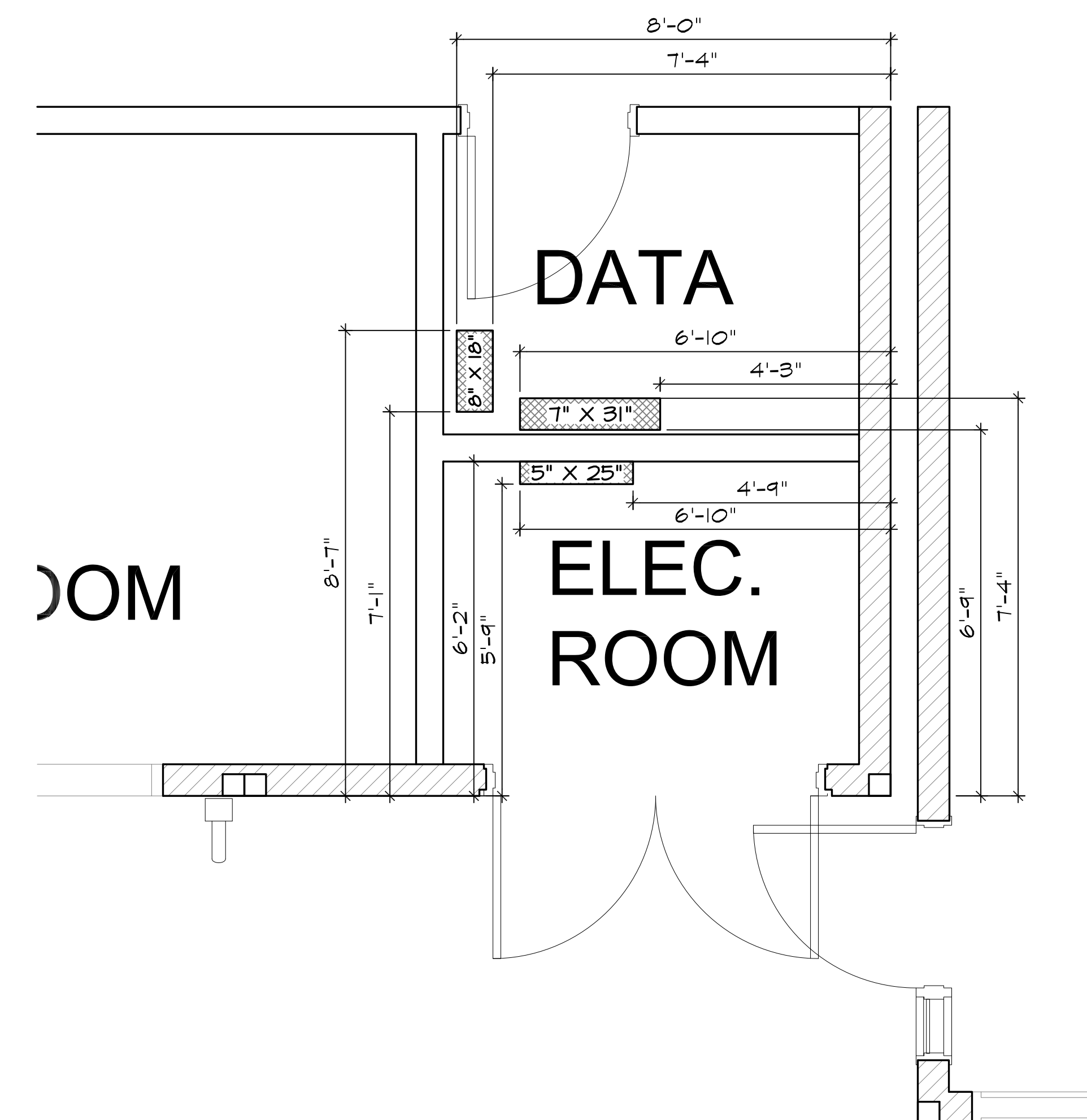
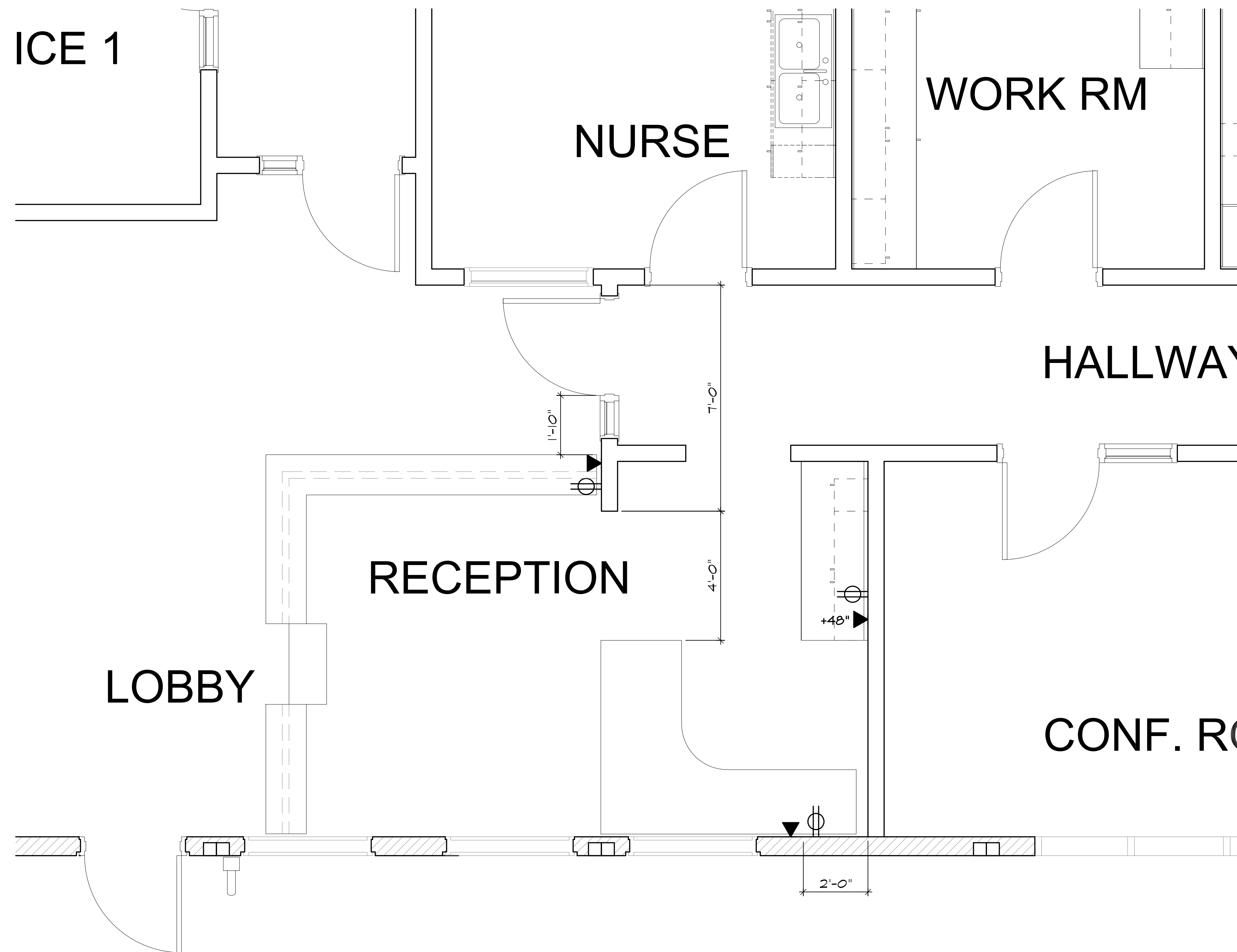


(N) Floor data and duplex receptacle unless noted otherwise.



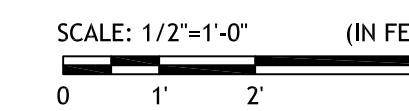
LOCATION KEYPLAN

BP 18 Modular Building K shall provide block-outs in slab in MDF / Data room and Electrical room per underground conduit layout below. Modular Building contractor shall patch / fill-in concrete slab around conduit raisers once the modular building is in place.

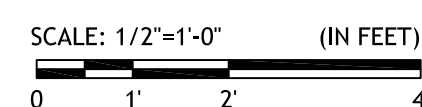


The power and data shown on this plan is in addition to power and data shown on sheet E-1.01N

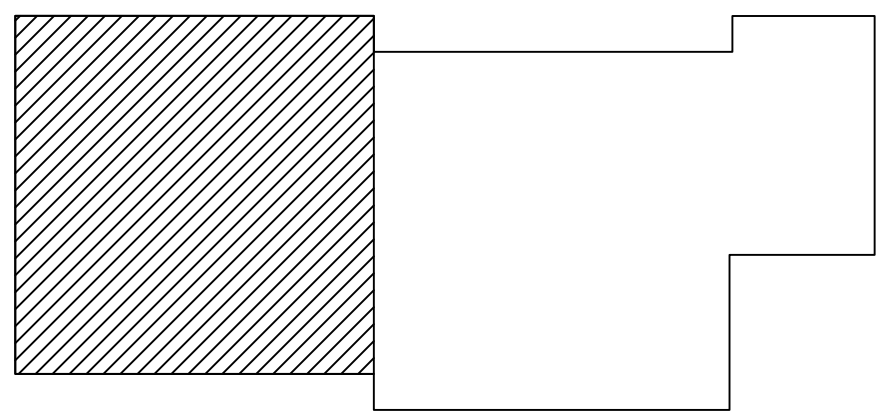
ELECTRICAL CONDUIT REVISION



RECEPTION DATA AND ELECTRICAL REVISION



<p>BAKERSFIELD CITY SCHOOL DISTRICT EDUCATION CENTER 1300 BAKER STREET BAKERSFIELD, CA 93305 Ph. 661.831.4600 Fax. 661.326.1485</p>	<p>MAINTENANCE & OPERATIONS DEPARTMENT</p> <p>1501 FELIZ DRIVE BAKERSFIELD, CA 93307 Ph. 661.831.5883 Fax. 661.834.9986</p>	<p>DRAWINGS FOR: OWENS JUNIOR HIGH SCHOOL DATA AND POWER REVISIONS 815 EUREKA STREET BAKERSFIELD, CA</p>	
		PROJECT #:	DATE:
		DRAWN BY:	SCALE:
REVISIONS:	SHEET No:	0000	5/10/23
A	A-001	BAT	3/8" = 1'-0"



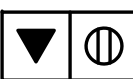
LOCATION KEYPLAN

ELECTRICAL LEGEND

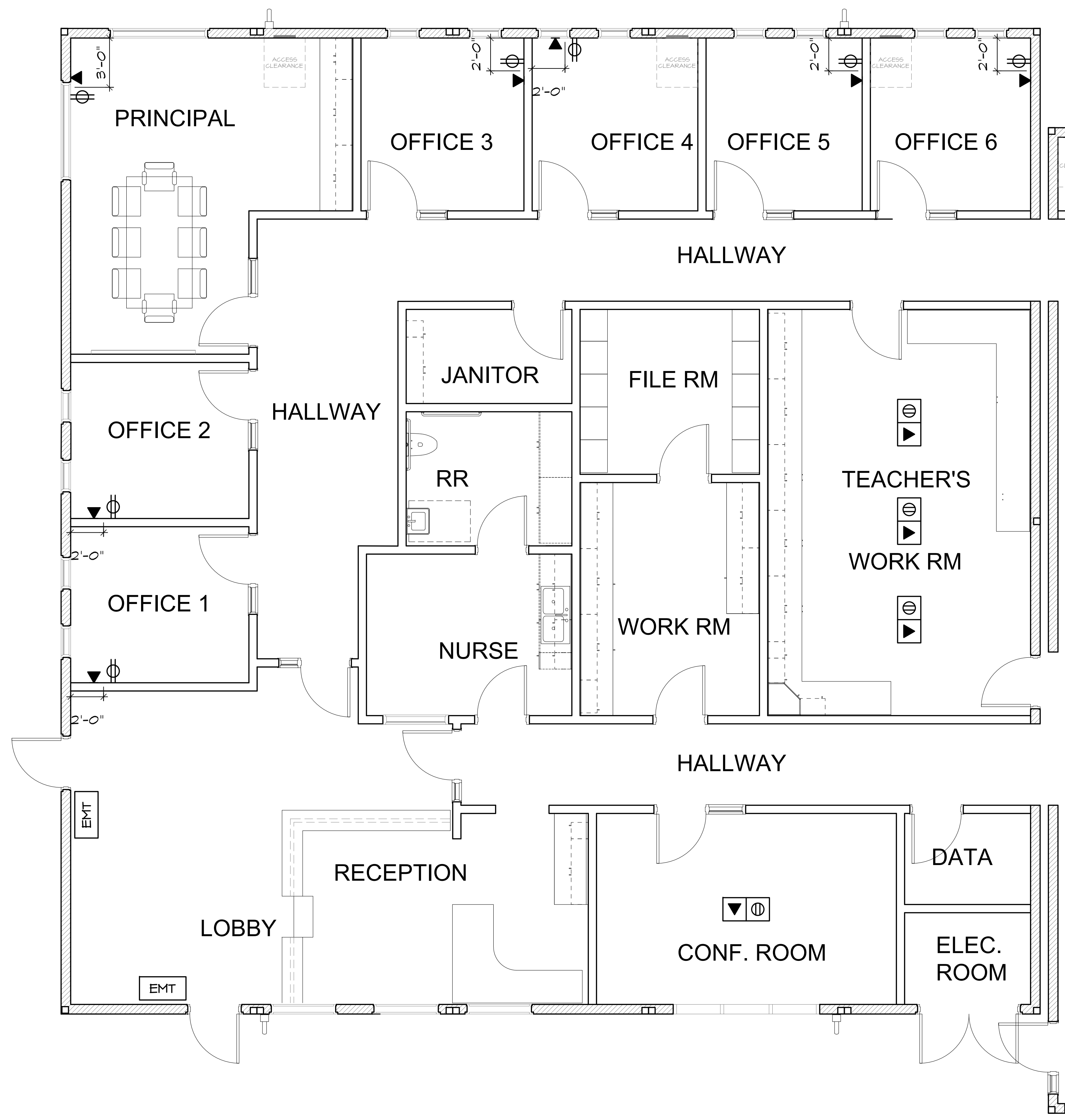
Location of revised data and duplex receptacle power outlets. Mount at +15" AFF U.N.O. to bottom of the outlet box and horizontally to centerline between boxes where noted.



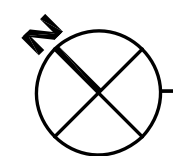
(N) 3/4" EMT from attic to top of door frame at strike side (TYP).



(N) Floor data and duplex receptacle unless noted otherwise.



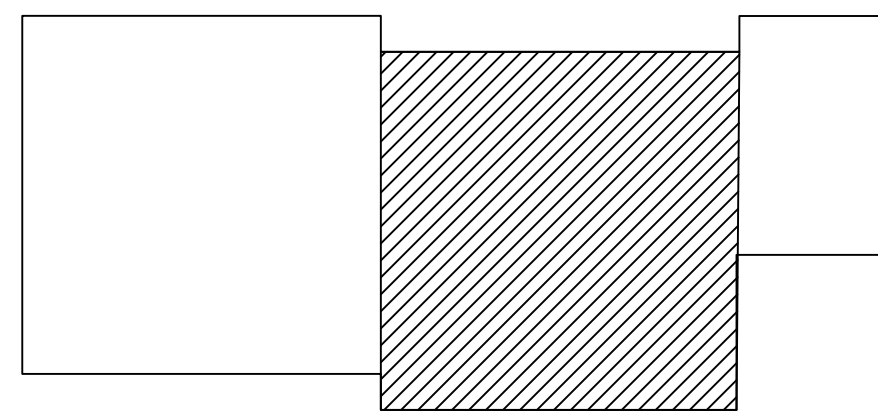
The power and data shown on this plan is in addition to power and data shown on sheet E-1.01N



ADMINISTRATION DATA AND ELECTRICAL REVISIONS

SCALE: 1/4"=1'-0" (IN FEET)
0 2 4 8

<p>BAKERSFIELD CITY SCHOOL DISTRICT EDUCATION CENTER 1300 BAKER STREET BAKERSFIELD, CA 93305 Ph. 661.831.4000 Fax. 661.326.1485</p>	<p>MAINTENANCE & OPERATIONS DEPARTMENT 1501 FELIZ DRIVE BAKERSFIELD, CA 93307 Ph. 661.831.5883 Fax. 661.834.3986</p>	DRAWINGS FOR:	
		<p>OWENS JUNIOR HIGH SCHOOL DATA AND POWER REVISIONS 815 EUREKA STREET BAKERSFIELD, CA</p>	
		PROJECT #:	DATE:
DRAWN BY:	BAT	0000	5/10/23
REVISIONS:	A	SCALE:	1/4" = 1'-0"
		SHEET No:	E-1.01N



LOCATION KEYPLAN

ELECTRICAL LEGEND

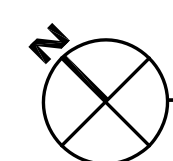
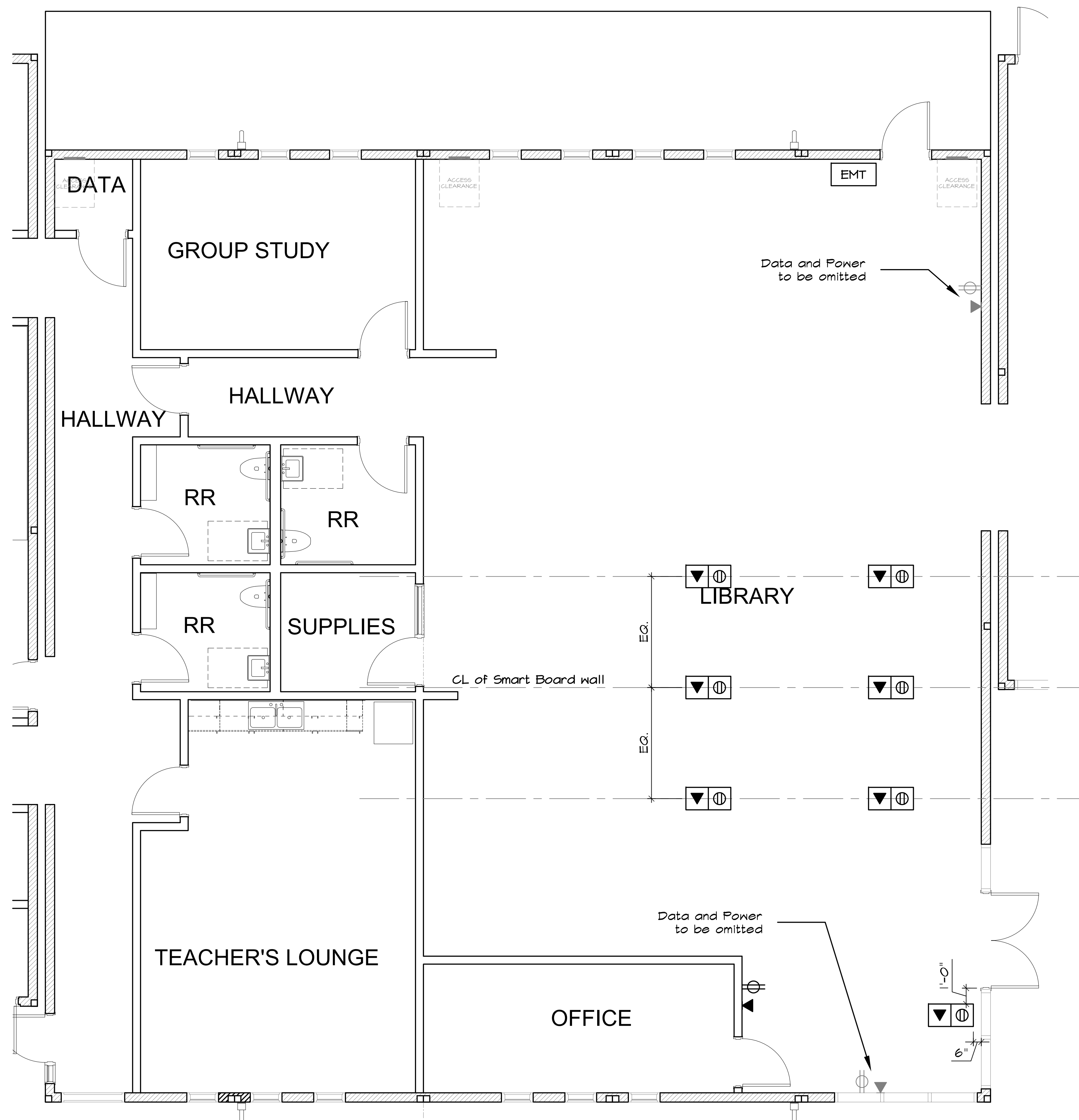
Location of revised data and duplex receptacle power outlets. Mount at +15" AFF U.N.O. to bottom of the outlet box and horizontally to centerline between boxes where noted.



(N) 3/4" EMT from attic to top of door frame at strike side (TYP).

(N) Floor data and duplex receptacle unless noted otherwise.

The power and data shown on this plan is in addition to power and data shown on sheet E-1.02N



LIBRARY DATA AND ELECTRICAL REVISIONS

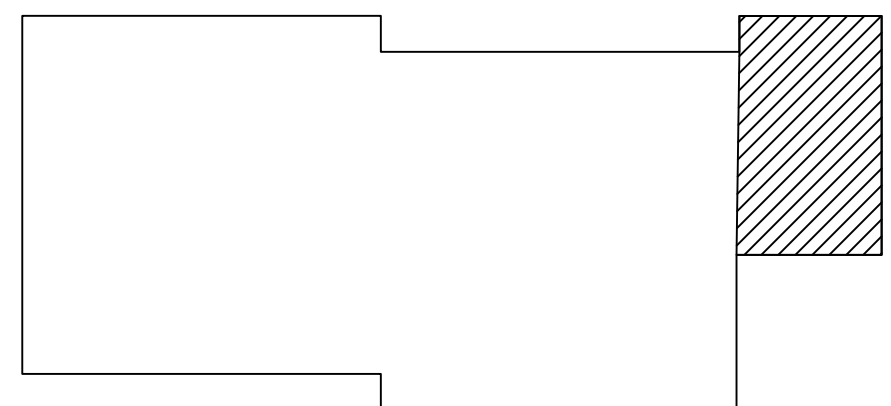
SCALE: 1/4"=1'-0" (IN FEET)
0 2 4 8

BAKERSFIELD CITY SCHOOL DISTRICT
EDUCATION CENTER
1300 BAKER STREET
BAKERSFIELD, CA 93305
Ph. 661.831.4000
Fax. 661.326.1485

MAINTENANCE & OPERATIONS DEPARTMENT
1501 FELIZ DRIVE
BAKERSFIELD, CA 93307
Ph. 661.831.5883
Fax. 661.834.3986

DRAWINGS FOR:
OWENS JUNIOR HIGH SCHOOL
DATA AND POWER REVISIONS
815 EUREKA STREET
BAKERSFIELD, CA

PROJECT #:	0000	DATE:	5/10/23
DRAWN BY:	BAT	SCALE:	1/4" = 1'-0"
REVISIONS:	A	SHEET No:	E-1.02N



LOCATION KEYPLAN

ELECTRICAL LEGEND

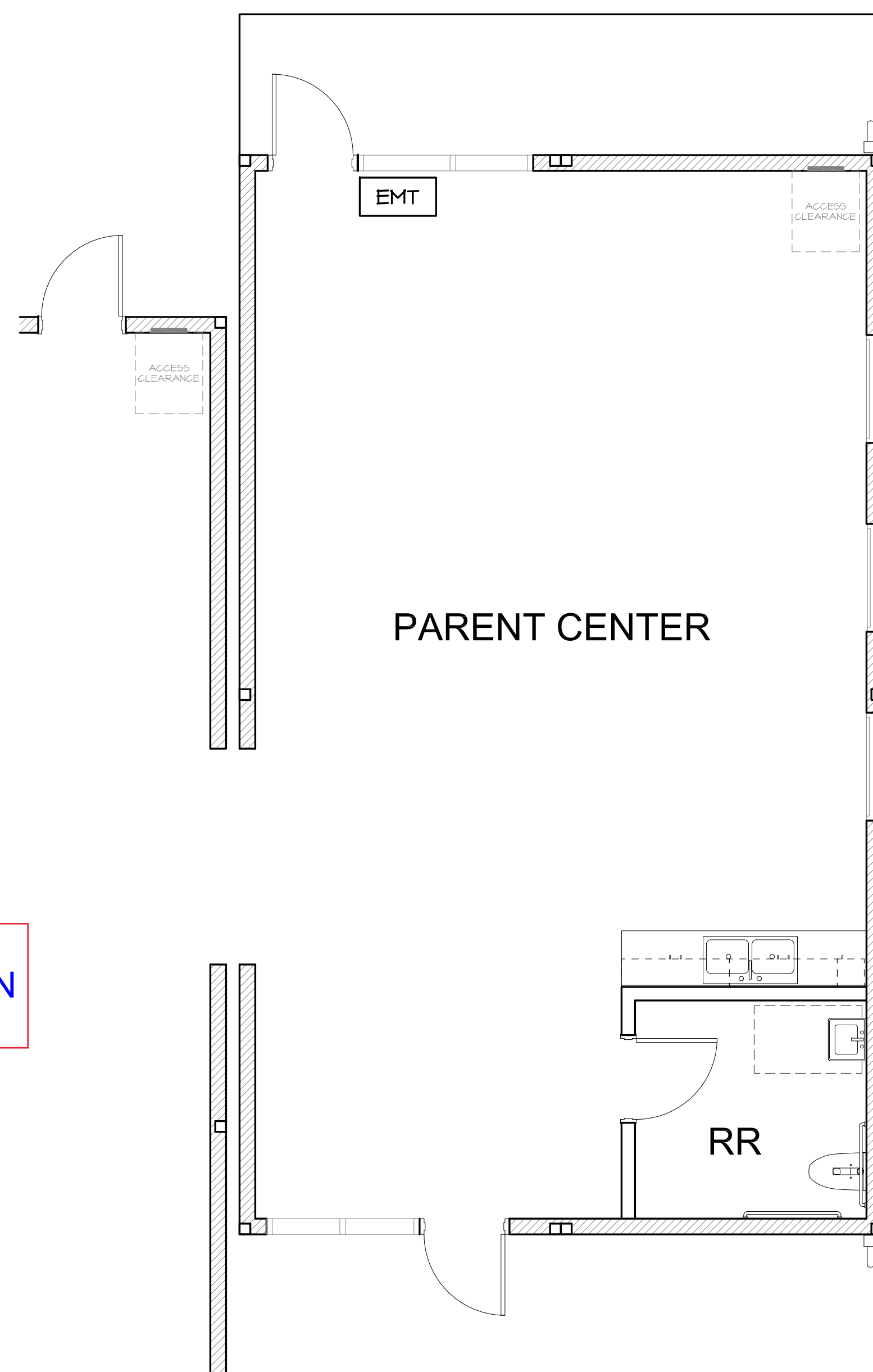
Location of revised data and duplex receptacle power outlets. Mount at +15" AFF U.N.O. to bottom of the outlet box and horizontally to centerline between boxes where noted.



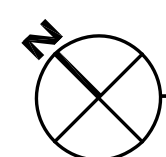
(N) 3/4" EMT from attic to top of door frame at strike side (TYP).



(N) floor data and duplex receptacle unless noted otherwise.

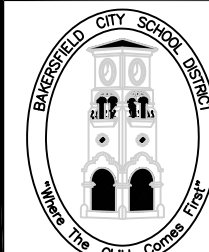


The power and data shown on this plan is in addition to power and data shown on sheet E-1.03N



PARENT CENTER DATA AND ELECTRICAL REVISIONS

SCALE: 1/4"=1'-0" (IN FEET)
 0 2 4 8

 BAKERSFIELD CITY SCHOOL DISTRICT EDUCATION CENTER 1300 BAKER STREET BAKERSFIELD, CA 93305 Ph. 661.631.4600 Fax. 661.326.1485	MAINTENANCE & OPERATIONS DEPARTMENT 1501 FELIZ DRIVE BAKERSFIELD, CA 93307 Ph. 661.631.5883 Fax. 661.834.9986	DRAWINGS FOR: OWENS JUNIOR HIGH SCHOOL DATA AND POWER REVISIONS 815 EUREKA STREET BAKERSFIELD, CA		PROJECT #: 0000	DATE: 5/10/23
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