



RESOLUTION No. 20-493

OF THE BOARD OF SUPERVISORS OF THE COUNTY OF NEVADA

RESOLUTION APPROVING THE BID CONSTRUCTION DOCUMENTS AND SPECIFICATIONS FOR THE NEVADA COUNTY DISPATCH REMODEL PROJECT, AUTHORIZING THE BOARD CHAIR TO SIGN THE DOCUMENTS AND DIRECTING THE PURCHASING AGENT TO SOLICIT BIDS (FACILITIES MANAGEMENT)

WHEREAS, the Nevada County Sheriff Dispatch is located at the Wayne Brown Correctional Facility (WBCF) at 925 Maidu Avenue in Nevada City; and

WHEREAS, the existing space at the WBCF is not adequate for 24/7 Dispatch operations and the Carl F. Bryan II Juvenile Hall Facility (CBJH) at 15434 Highway 49 in Nevada City has space available for the relocation; and

WHEREAS, a remodel of the space at the CBJH will be required which will include ADA parking and access, security access control, interior and exterior wall construction and associated mechanical and electrical work, flooring and paint, and a new concrete block server room; and

WHEREAS, the Chief Information Officer has prepared construction documents for the project known as the Nevada County Dispatch Remodel Project; and

WHEREAS, funding for this project will be paid from the Capital Facilities Fiscal Year 2020-21 budget and a budget amendment will be included in the contract award process.

NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors of the County of Nevada, State of California, hereby:

1. Approves the bid construction documents and specifications for the Nevada County Dispatch Remodel Project and authorizes the Chair of the Board of Supervisors to sign the documents.
2. Directs the Purchasing Agent to solicit bids for this project.

PASSED AND ADOPTED by the Board of Supervisors of the County of Nevada at a regular meeting of said Board, held on the 17th day of November, 2020, by the following vote of said Board:

Ayes: Supervisors Heidi Hall, Edward Scofield, Dan Miller, Susan K. Hoek and Richard Anderson.

Noes: None.

Absent: None.

Abstain: None.

ATTEST:

JULIE PATTERSON HUNTER
Clerk of the Board of Supervisors

By: 


Heidi Hall, Chair

11/17/2020 cc: Facilities*
Purchasing*
AC*

County of Nevada
Information & General Services Department
Purchasing Division



Invitation for Bid

for

Nevada County Dispatch Remodel

Date issued: Tuesday, Nov. 17, 2020

Bids Due: 2:30 P.M. Monday, Jan. 11, 2021

Due to the State mandated social distancing policy, the County will conduct this public bid opening through the following on-line site:

**Nevada County is inviting you to a scheduled TEAMS meeting at
2:30 p.m. January 11, 2021**

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only) [+1 530-414-9282](tel:+15304149282), [639565590](tel:+1639565590)# United States, Truckee

Phone Conference ID: 639 565 590#

Pre-Bid Site Visit (recommended)

9:00 A.M. Wednesday, Dec 2, 2020

at:

Carl F. Bryan Juvenile Hall, 15434 Hwy 49 Nevada City, CA.

Due to the State mandated social distancing policy, the County will conduct the Pre-Bid meeting in person however, all participants are required to wear face masks and maintain a 6-foot distance between all attendees. In addition, the County will host a virtual Pre-Bid meeting for those unable to attend in person. A link to the virtual meeting is provided in the Bid documents

**BIDDING DOCUMENTS, SPECIFICATIONS
AND CONTRACT DOCUMENTS
(Standard Public Works Contract)**

CONTRACT TIME LINE

1. CLOSE OF QUESTIONS: 5:00 P.M. Monday Dec. 14, 2020
2. BIDS DUE: **2:30 P.M. Monday, Jan 11, 2021**
(See page 3 of Invitation for Bid)
3. BID OPENING: 2:30 P.M. Monday. Jan 11, 2021
(See page 3 of Invitation for Bid)
4. BIDS TO REMAIN OPEN FOR 60 DAYS FROM DATE OF OPENING OF BIDS (See paragraph 21 of Instructions to Bidders)
5. NOTICE OF AWARD DUE WITHIN 30 DAYS OF OPENING OF BIDS (See paragraph 23 of Instructions to Bidders and same as 3 above)
6. BID BONDS OF UNSUCCESSFUL BIDDERS TO BE RETURNED WITHIN 10 DAYS OF AWARD BY COUNTY (See paragraph 18 of Instructions to Bidders)
7. CONTRACT SIGNING AND BONDS DUE WITHIN 5 DAYS OF NOTICE OF AWARD (See paragraph 24 and 26 of Instructions to Bidders)
8. NOTICE TO PROCEED WITH WORK DUE WITHIN 15 DAYS OF CONTRACT SIGNING (See paragraph 25 of Instructions to Bidders)
9. CONSTRUCTION MUST BEGIN WITHIN 10 DAYS AFTER MAILING OF NOTICE TO PROCEED (see Article III of Contract)
10. CONTRACTOR MUST GIVE 72 HOURS WRITTEN NOTICE OF DATE WORK WILL COMMENCE.
11. PRECONSTRUCTION CONFERENCE WITHIN 5 DAYS OF NOTICE TO PROCEED (See Article VIII of Contract)
12. SCHEDULES AND BREAKDOWN OF PHASES OF CONSTRUCTION DUE IN 7 DAYS AFTER RECEIPT OF NOTICE TO PROCEED (See Article VIII of Contract)
13. WORK MUST BE COMPLETED WITHIN 150 DAYS OF MAILING OF THE NOTICE TO PROCEED (See Article III of Contract)

INVITATION FOR BID

FOR: **NEVADA COUNTY DISPATCH REMODEL**

LOCATED AT: **15434 Hwy 49 Nevada City, CA. 95959**

Sealed bids will be received at the office of the:

Purchasing Division
Suite 129
County of Nevada
950 Maidu Ave.
Nevada City, California 95959

Due to State mandated social distancing policy, Submittals are to be received by mail, or if hand delivered, must be placed in a sealed envelope with the name of the project clearly printed on the front of the envelope and should be deposited at the designated table located in the Lobby of the Eric Rood Administrative Center. All bids will be dated and time-stamped once received by the County representative.

Until **2:30 P.M.** local time on **Monday, Jan. 11, 2021** for the above referenced project.

Bids received after said time will not be accepted and will be returned unopened.

At said place and time, and promptly thereafter, all bids that have been properly submitted will be publicly opened and read aloud. All interested parties are invited to attend.

Due to the State mandated social distancing policy, the County will conduct this public bid opening through the following on-line site: Nevada County is inviting you to a scheduled TEAMS meeting at 2:30 p.m. January 11, 2021

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only) [+1 530-414-9282, 639565590#](tel:+15304149282639565590) United States, Truckee

Phone Conference ID: 639 565 590#

The work to be performed includes the following:

Remodel existing space shown on plans and add concrete block server room. Including but not limited to: ADA parking and access, interior and exterior wall construction, mechanical, electrical, access control, cabinetry, flooring and paint. All work to be done in accordance with the plans and specifications for this project.

Bids shall be: **Lump Sum**. Bids must be for all work described herein unless the bid form specifically indicates a bid item is optional. Plans, specifications, proposal forms, project manuals and all documents relating to this project can only be obtained at the office or website

www.mynevadacounty.com/purchasing under *Current Requests for Bids and Proposals*

Vendors must register with the County in order to be notified of addenda and other notices.

To register, please go to: <https://www.publicpurchase.com/gems/register/vendor/register>.

The County will not be providing printed copies of the plans to bidders for this project.

Contractor will be required to possess a **B** contractor's license at the time the bid is submitted.

A pre-bid walk-through will be held beginning at 9:00 A.M. Wednesday, Dec. 2, 2020 at the project site at 15434 Hwy 49 Nevada City, CA. 95959.

Due to the State mandated social distancing policy, the County will conduct the Pre-Bid meeting in person however, all participants are required to be wearing face masks and maintain a 6-foot distance between all attendees. In addition, the County will host a virtual Pre-Bid meeting for those unable to attend in person. A link to the virtual meeting is provided below:

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only) +1 530-414-9282,,578906240# United States, Truckee

Phone Conference ID: 578 906 240#

Bids will be accepted from bidders who did not attend the pre-bid conference, but bidders will be charged with all of the information disseminated at the pre-bid conference as if they had been present.

Questions regarding the Work or the contract Documents shall be submitted online on Public Purchase due before 5:00 p.m. Monday December 14, 2021.

Bids shall be received by **2:30 P.M. Monday, Jan. 11, 2021** For all bids over \$25,000, each bidder must submit a cashier's check, certified check or a bidder's bond in an amount equal to 10% of the total amount of the bid.

The bidder to whom a contract is awarded will be required to furnish a performance bond and a labor and materials bond guaranteeing faithful performance and payment of all debts related to this contract.

The County of Nevada, in accordance with Title VI of the Civil Rights Act of 1964 (78 Stat. 252) and the regulations of the Department of Commerce (15 C.F.R., Part 8), issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

This is a public works project, subject to the prevailing wage requirements of the California Labor Code. Copies of the prevailing rate of per diem wages are available at the California Department of Industrial Relations web site www.dir.ca.gov/DLSR/PWD/. Contractor shall not pay less than the prevailing rate of wages. No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015), unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)]. No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

No bid will be considered unless it is made on a form furnished by the County of Nevada and is made in accordance with the provisions of the proposal requirements and conditions set forth in the contract documents.

The County of Nevada reserves the right to reject any or all bids.

DATED: 11/17/2020

COUNTY OF NEVADA
STATE OF CALIFORNIA

By *Heidi Hall*
Chairman, Board of Supervisors or
Purchasing Agent

INSTRUCTIONS TO BIDDERS

FOR: **Nevada County Dispatch Remodel**

LOCATED AT: **15434 Hwy. 49 Nevada City, CA. 95959**

1. **DEFINITIONS**

Bidder: One who submits a bid directly to County as distinct from a sub-bidder who submits a bid to a bidder.

Successful Bidder: The lowest, qualified, responsive, responsible bidder to whom County makes an award.

Bidding Documents:

- Invitation for Bid
- Instruction to Bidders
- Bid Form
- Bidders Bond or other security
- Experience Statement
- Subcontractor Listing
- Bidder's Representations
- Proposed Contract Documents
- Any and all Addenda

2. **COPIES OF BIDDING DOCUMENTS**

Complete copies of the bid documents and specifications for use in preparing bids may be obtained in accordance with the Invitation for Bid. Bid documents are also available electronically and can be downloaded from www.mynevadacounty.com/purchasing under the Requests for Bids and Proposals section Requests For Proposal section. Addenda will also be posted to this location. Vendors must register with the County in order to be notified of addendums and other notices. To register, please go to: <https://www.publicpurchase.com/gems/register/vendor/register>.

Partial sets of bidding documents will not be issued. Complete sets of bidding documents shall be used in preparing bids. County assumes no responsibility for errors or misinterpretations resulting from the use of incomplete sets of bidding documents. If bidder believes its set of bidding documents is incomplete, it shall be the responsibility of bidder to contact County to confirm that Bidder has a complete set.

County, in making copies of bidding documents available on the above terms, does so only for the purpose of obtaining bids on the work and does not confer a license or grant for any other use.

3. **QUALIFICATIONS OF BIDDERS**

Each bidder must be prepared to submit, within five days of County's request, written evidence of bidder's qualifications to perform the work. Bidders may be required to submit evidence that they have a practical knowledge of the particular work bid upon, and that they have the financial resources to complete the proposed work. In determining the bidder's qualifications, the following factors will be considered: work previously completed by the bidder and whether the bidder (a) maintains a permanent place of business, (b) has adequate plant and equipment to do the work properly and expeditiously, (c) has the financial resources to meet all obligations incident to the work, and (d) has appropriate technical experience. Each bidder may be required to show that he or she has handled former work so that no just claims are pending against such work. No bid will be accepted from a bidder who is engaged on any work which would impair his or her ability to perform or finance this work.

Each bidder must hold a current valid contractor's license at the time of bidding or the bid will be rejected.

4. INSPECTION OF SITE OF WORK

Bidders are required to inspect the site of the work in order to satisfy themselves, by personal examination or by such other means as they may prefer, of the location of the proposed work and as to the actual conditions of and at the site of work. If, during the course of the examination, bidder finds facts or conditions which appear confusing to bidder, bidder shall apply to County for additional information and explanation before submitting the bid. However, no such supplemental information so requested or furnished shall vary the terms of the specifications or the Contractor's sole responsibility to satisfy himself or herself as to the conditions of the work to be performed, unless an addendum has been issued.

The submission of a bid by the bidder shall constitute the acknowledgment that, if awarded the contract, bidder has relied and is relying on bidder's examination of (a) the site of the work, (b) the access to the site, and (c) all other data, matters, and things requisite to the fulfillment of the work and on bidder's own knowledge of existing conditions on and in the vicinity of the site of the work to be constructed under the contract, and not on any representation or warranty of County. No claim for additional compensation will be allowed which is based upon a lack of knowledge of the above items.

Where technical reports or data have been utilized in the preparation of the contract documents, bidder may rely upon the accuracy of the technical data contained in such reports but not upon the interpretations or opinions contained therein for the completeness thereof for the purpose of bidding or construction.

Where plans and specifications contain drawings of physical conditions in or relating to existing surface conditions, including underground facilities, which are at or contiguous to the site, bidder may rely upon the accuracy of the data contained in such drawings but not upon the completeness thereof for the purposes of bidding or construction. If a mass diagram has been prepared for a project, it is for design purposes only. If it is made available to bidders, County assumes no responsibility whatever for the information contained therein and makes no guarantees with respect to reliance thereon.

Before submitting a bid, each bidder will, at bidder's own expense, make or obtain any additional examinations, investigations, explorations, tests and studies and obtain any additional information and data which pertain to the physical conditions (surface, subsurface and underground facilities) at or contiguous to the site or otherwise which may affect cost, progress, performance or furnishing of the work and which bidder deems necessary to determine its bid for performing and furnishing the work in accordance with the time, price and other terms and conditions of the contract documents.

On request in advance, County will provide each bidder access to the site to conduct such explorations and tests as each bidder deems necessary for submission of a bid. Bidder shall fill all holes, clean up and restore the site to its former condition upon completion of such explorations.

The lands upon which the work is to be performed, rights-of-way and easements for access thereto and other lands designated for use by Contractor in performing the work are identified in the contract documents. All additional lands and access thereto required for temporary construction facilities or storage of materials and equipment are to be provided by Contractor. Easements for permanent structures or permanent changes in existing structures are to be obtained and paid for by County unless otherwise provided in the contract documents.

5. EXAMINATION OF CONTRACT DOCUMENTS

The contract documents shall consist of the following:

1. Invitation for Bid
2. Instruction to Bidders
3. Contractor's Bid (including documentation accompanying the Bid and any post-bid documentation submitted prior to the Notice of Award)
4. Contract
5. Addenda which pertain to the Contract
6. The Bonds or other security
7. Any supplementary conditions or any and all written agreements amending or extending the work, time or price contemplated
8. The Plans and Specifications and Drawings as identified in the Contract
9. Certificates of Insurance

10. Other: _____

Each bidder shall thoroughly examine and be familiar with legal and procedural documents, general conditions, specifications, drawings and addenda (if any). The submission of a bid shall constitute an acknowledgment upon which County may rely that the bidder has thoroughly examined and is familiar with the contract documents. The failure or neglect of a bidder to receive or examine any of the contract documents shall in no way relieve that bidder from any obligation with respect to that bidder's bid or to the contract. No claim for additional compensation will be allowed which is based upon a lack of knowledge of any contract documents.

6. INTERPRETATION OF CONTRACT DOCUMENTS

No oral representations or interpretations will be made to any bidder as to the meaning of the contract documents. Any ambiguities, inconsistencies in the plans and specifications or other contract documents, or problems which are visible by an inspection of the site or review of the contract documents shall be resolved prior to bidding. Request for an interpretation shall be made in writing and delivered to County at least 10 days before the time announced for opening the proposals. Interpretations by County will be in the form of an addendum to the contract documents and, when issued, will be sent as promptly as is practical to all parties to whom the bid documents have been issued. All such addenda shall become part of the contract. County reserves the right to amend any contract language which it determines is ambiguous prior to award of the bid.

7. ADDENDA

Each bid shall include specific acknowledgment, in the space provided, of receipt of all addenda issued during the bidding period. Failure to so acknowledge will result in the bid being rejected as not responsive. The Contractor is responsible for verifying that all addenda have been received and for obtaining all addenda prior to submitting bids for the work.

Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

Addenda may also be issued to modify the bidding documents as deemed advisable by County.

Addenda will be mailed or delivered to all parties recorded as having received the bidding documents. No addenda will be issued later than four days prior to the date for receipt of bids except an addendum, if necessary, postponing the date for receipt of bids or withdrawing the request for bids.

8. BIDS

Bids shall be made on the blank forms prepared by County and included herein. Bidders may extract these pages from the book of specifications or submit the entire book. All bids shall give prices, both in writing and in figures, and shall be signed by the bidder or bidder's authorized representative with bidder's address and shall provide all other information requested on the bid form. If the bid is made by an individual, his or her name, signature and post office address must be shown; if made by a firm or partnership, the name and post office address of the firm or partnership must be shown; if made by a corporation, the bid shall show the name of the state under the laws of which the corporation is chartered, the name and post office address of the corporation, and the title of the person who signs on behalf of the corporation.

9. SUBMISSION OF BIDS

Bids shall be submitted at the time and place indicated in the Invitation for Bid and shall be included in a sealed envelope addressed to the Nevada County Purchasing Division. If mailed, the bids shall be addressed to:

**Submit Bids to: US Mail, Fed Ex,
UPS, etc. to:**
Nevada County Purchasing Division
Eric Rood Administrative Center
950 Maidu Avenue
Nevada City, CA 95959

Hand Deliver to:
Nevada County **Due to State mandated social
distancing policy, Submittals are to be received &
deposited at the designated table located in the
Lobby of the Eric Rood Administrative Center.**
Eric Rood Administrative Center, 950 Maidu Avenue
Nevada City, CA 95959

The bid shall be identified on the outside with the bidder's name, license number and address and with the **Project Title** "Nevada County Dispatch Remodel"

Each bid shall be accompanied by the bid security if bid over \$25,000 and other required documents.

If the bid is sent by mail, the sealed envelope shall be enclosed in a separate mailing envelope with the notation "BID ENCLOSED" with the **Project Title "Nevada County Dispatch Remodel"** on the face thereof.

Bids shall be deposited at the designated location prior to the time and date for receipt of bids indicated in the Invitation for Bid, or the modified time and date indicated by addendum. Bids received after the time and date for receipt of bids will be returned unopened. Bidder shall assume full responsibility for timely delivery at the location designated for receipt of bids.

Oral, telephone, or telegraph bids are invalid and will not receive consideration. No bidder may submit more than one bid. Multiple bids under different names will not be accepted from one firm or association.

10. PRE-BID CONFERENCE OR WALK-THROUGH

A pre-bid conference or walk-through will be held at **9:00 A.M. Wednesday, Dec 2, 2020**, at the project site at **15434 Hwy. 49 Nevada City, CA. 95959**.

Due to the State mandated social distancing policy, the County will conduct the Pre-Bid meeting in person however, all participants are required to be wearing face masks and maintain a 6-foot distance between all attendees. In addition, the County will host a virtual Pre-Bid meeting for those unable to attend in person. A link to the virtual meeting is provided below:

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only) +1 530-414-9282,,578906240# United States, Truckee

Phone Conference ID: 578 906 240#

The representatives of County, any consultants and/or Project Engineer will be present to answer questions. Any questions which, in the opinion of County, cannot be answered by direct reference to the bidding documents will be answered by formal written addenda as outlined above.

The pre-bid conference or walk-through may include a tour of the site of the work conducted by representatives of County. All interested parties are invited to attend.

11. BID PRICE

The bid price shall include everything necessary for the completion of construction and fulfillment of the contract including, but not limited to, furnishing all materials, equipment, tools, plant and other facilities and all management, superintendence, labor and services, except as may be provided otherwise in the contract documents.

In the event of a difference between the price quoted in words and a price quoted in figures for the same quotation, the words shall be considered the amount bid. Discrepancies between the indicated sum or total of figures and the correct sum or total will be resolved in favor of the correct sum or total.

12. BASIS OF BIDS

The bidder shall submit both a lump sum price and prices for all unit cost items and alternatives shown on the bid form. Failure to comply may be cause for rejection.

Where specific quantities are given they are approximate only, being given as a basis for the comparison of bids, and the County of Nevada does not, expressly or by implication, warrant that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work or to omit portions of the work as may be deemed necessary or advisable by County. The amount of the bid for comparison purposes will be the total of all items. The total of unit basis items will be determined by extension of the item price bid on the basis of the estimated quantity set forth for the item.

The bidder shall set forth for each item of work, in clearly legible figures, an item price and a total for the item in the respective spaces provided for this purpose. In the case of unit basis items, the amount set forth under the "Total" column shall be the extension of the item price bid on the basis of the estimated quantity for the item.

In case of discrepancy between the item price and the total set forth for the item, the item price shall prevail; however, if the amount set forth as an item price is ambiguous, unintelligible or uncertain for any cause, or is omitted, or in the case of unit basis items is the same amount as the entry in the "Total" column, then the amount set forth in the "Total" column for the item shall prevail in accordance with the following:

- a. As to unit basis items, the amount set forth in the "Total" column shall be divided by the estimated quantity for the item and the price thus obtained shall be the item price.
- b. As to lump sum items, the amount set forth in the "Total" column shall be the item price.

In accordance with the provision of Section 6707 of the State Labor Code, each bidder shall list, in any bid item calling for trenching of 5 feet or more in depth, the amount contained in the proposal for adequate trench and excavation sheeting, shoring, and bracing or equivalent method for the protection of life and limb which shall conform to applicable Safety Orders.

13. TAXES

Bid prices shall include allowance for all federal, state and local taxes.

14. CONTRACT TIME

The date by which the work is to be completed (the contract time) is set forth in the contract documents.

15. SUBSTITUTE MATERIAL AND EQUIPMENT

The contract, if awarded, will be on the basis of material and equipment described in the drawings or specified in the specifications without consideration of possible substitute or "co-equal" items. Whenever it is indicated in the drawings or specified in the specifications that a substitute or "co-equal" item of material or equipment may be furnished or used by Contractor if acceptable to County, application for such acceptance will not be considered by County until after the effective date of the contract unless an addendum is issued to all bidders authorizing the use of a specified substitute. The procedure for submittal of any such application by Contractor and consideration by County is set forth in the contract documents.

16. LIST OF SUBCONTRACTORS

Each bid shall have listed on the form provided herewith the name and address of each subcontractor to whom the bidder proposes to sublet portions of the work in excess of one-half of one percent of the total amount of the bid or, in the case of bids for construction of streets or highways, including bridges, in excess of one-half of one percent of the Contractor's total bid or \$10,000, whichever is greater, per Public Contracts Code Section 4104. For the purpose of this paragraph, a subcontractor is defined as one who contracts with the Contractor to furnish materials and labor, or labor only for the performance of work at the site of the work.

County has the right to review the suitability and qualifications of any subcontractor or supplier proposed by the Contractor. As part of this review County may request an experience statement with pertinent information as to similar projects and other evidence of qualification for each such subcontractor, person and organization. If County, after due investigation, has reasonable objection to any proposed subcontractor, County may, before giving the notice of award, request the apparent successful bidder to submit an acceptable substitute without an increase in bid price. If the apparent successful bidder does not make such substitution, the contract shall not be awarded to such bidder, but Contractor's failure to make such substitution will not constitute grounds for sacrificing the bid security. Any subcontractor, other person or organization so listed and to whom County does not make written objection prior to the giving of the notice of award will be deemed acceptable to County subject to revocation of such acceptance after the effective date of the agreement as provided in the contract documents.

No Contractor shall be required to employ any subcontractor, other person or organization against whom Contractor has reasonable objection.

The Contractor may not change any subcontractor listed on its bid without written approval from County after a determination that the requirements of Public Contracts Code Section 4107 have been met.

17. BID GUARANTY (BID BOND)

Bid Guaranty (Bid Bond) is required on all bids over \$25,000. The bid shall be accompanied by a bid guaranty bond (bid bond) duly completed on the form provided herewith or a form which is substantially similar, by a guaranty company authorized to carry on business in the State of California, for payment to County in the sum of at least 10 percent of the total amount of the bid, or alternatively by a certified or cashier's check, payable to County in the sum of at least 10 percent of the total amount of the bid. A bid bond form which provides further payment of attorney's fees or which contains a termination date will not be considered to be "substantially similar". The amount payable to County under the guaranty bond, or the certified or cashier's check and the amount thereof, as the case may be, shall be forfeited to County as liquidated damages in case of a failure or neglect of the bidder to furnish, execute and deliver to County the required performance and payment bonds, evidence of insurance, and to enter into, execute and deliver to County the contract on the form provided herewith, within 5 days after being notified in writing by County that the award has been made and the agreement is ready for execution.

All bonds shall have a power of attorney authorizing the signature of the person authorized to sign on behalf of the Surety attached to the bond. The power of attorney signature and the principal's signature shall each (both) be notarized.

The bid bond shall name County as beneficiary and shall specify that the bond is valid for the bid opening of this project as scheduled in the Invitation for Bid.

18. RETURN OF BID GUARANTEES

Within 10 days after the bids are awarded, County will return the bid guarantees (other than bid bonds) accompanying the bids for bids not considered in making the award. All other bid guaranties will be held until the contract has been fully executed, after which they will be returned to the respective bidders whose bids they accompany.

19. MODIFICATION OR WITHDRAWAL OF BIDS

Bids submitted early may be modified or withdrawn by notice to the party receiving bids at the place and prior to the time designated for receipt of bids. Such notice shall be in writing over the signature of the bidder or be by telegram; if by telegram, written confirmation over the signature of bidder must have been mailed and postmarked on or before the date and time set for receipt of bids; it shall be so worded as not to reveal the amount of original bid. Bids may also be modified or withdrawn in person by the bidder or an authorized representative provided bidder can prove bidder's identity and authority. Withdrawn bids may be resubmitted up to the time designated for the receipt of bids provided that they are then fully in conformance with these instructions to bidders.

If, within 24 hours after bids are opened, any bidder files a duly signed written notice with County and promptly thereafter demonstrates to the reasonable satisfaction of County that there was a material and

substantial mistake in the preparation of the bid, that bidder may withdraw his or her bid and the bid security will be returned. Thereafter, that bidder will be disqualified from further bidding on the work.

20. OPENING OF BIDS

Bids will be opened publicly and read aloud. An abstract of the amounts of the base bids and major alternates (if any) will be made available after the opening of bids.

21. BIDS TO REMAIN OPEN

All bids shall remain open and subject to acceptance for a period of **60** days from the date of opening, but County may, in County's discretion, release any bid and return the bid security prior to that date.

22. POSTPONEMENT OF OPENING

County reserves the right to postpone the date and time for opening of bids at any time prior to the date and time announced in the advertisement.

23. AWARD OF CONTRACT

The award of the contract, if awarded, will be made to the lowest responsive, responsible bidder whose bid complies with all the requirements stated herein. The lowest bidder will be the bidder whose total bid price for all phases of work is lowest. The County will determine after receipt of bids which phase or phases will be included in the contract based on the bid amounts for each respective phase as submitted by the lowest bidder. Within **60** days after the time of opening the bids, County will act either to accept a proposal or to reject all proposals. The acceptance of a proposal will be evidenced by a notice of award of contract in writing, delivered in person or by mail to the bidder whose proposal is accepted. No other act of County shall constitute acceptance of a bid. The award of contract shall obligate the bidder whose bid is accepted to furnish a performance bond, payment bond and evidences of insurance (certificates of insurance and endorsements specified in the contract) and execute the agreement set forth in the contract documents.

County reserves the right to reject any and all bids and to waive any and all formalities, and the right to disregard all nonconforming, non-responsive, or conditional bids. County reserves the right to reject the bid of any bidder if County believes that it would not be in the best interest of the project to make an award to that bidder, whether because the bid is not responsive or the bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by County. County reserves the right to reject any bids which omit a bid on any one or more items on which bids are required; any bids which omit unit prices if unit prices are required; any bids in which unit prices are unbalanced in the opinion of County; any bid accompanied by insufficient or irregular bid security; and any bids from bidders who have previously failed to perform properly or to complete on time contracts of any nature.

It is County's intent to accept alternates (if any are accepted) in the order in which they are listed in the bid form, but County may accept them in any order or combination.

County may consider the qualifications and experience of subcontractors and other persons and organizations (including those who are to furnish the principal items of material or equipment) proposed for those portions of the work as to which the identity of subcontractors and other persons and organizations must be submitted as provided herein. Operating costs, maintenance considerations, performance data and guarantees of materials and equipment may also be considered by County.

If there is reason to believe that collusion exists among the bidders, none of the bids of the participants in such collusion will be considered, and County may likewise elect to reject all bids received.

County may conduct such investigations as County deems necessary to assist in the evaluation of any bid and to establish the responsibility, qualifications and financial ability of the bidders, proposed subcontractors and other persons and organizations to do the work in accordance with the contract documents to County's satisfaction within the prescribed time. County reserves the right to reject the bid of any bidder who does not pass any such evaluation to County's satisfaction.

If the contract is to be awarded, it will be awarded to the lowest bidder whose evaluation by County indicates to County that the award will be in the best interests of the project.

24. SIGNING OF AGREEMENT

When County gives a Notice of Award to the successful bidder, it will be accompanied by unsigned counterparts of the agreement and all other contract documents.

Three (3) copies of the contract documents will be prepared by County. All copies will be submitted to Contractor, and Contractor shall execute the contract, insert executed copies of the required bonds and power of attorney, and submit all copies to County within five (5) days. The date of execution of the contract shall be left blank for filling in by County.

25. NOTICE TO PROCEED

County shall give the successful bidder written notice to proceed with the work within 7 days of the execution of the contract. Notwithstanding any other provision of the contract, County shall not be obligated to accept or to pay for any work furnished by the Contractor prior to delivery of notice to proceed whether or not County has knowledge of the furnishing of such work.

26. PERFORMANCE AND OTHER BONDS

The contract documents set forth County's requirements as to performance and other bonds. When the successful bidder delivers the executed contract to County, it shall be accompanied by the required contract security. The bonds shall be provided on County's forms or on forms which are substantially similar. Notwithstanding any language contained in the bonds, County shall not be liable for attorney's fees either for the enforcement of the bond or for any other action under this Contract. Bonds shall not contain any date of termination.

27. CONTRACTUAL RESTRICTIONS

No official of County who is authorized in such capacity and on behalf of County to negotiate, make, accept or approve, or to take part in negotiating, making, accepting, or approving any architectural, engineering, inspecting, construction or material supply contract or any subcontract in connection with the construction of the project, shall become directly or indirectly interested personally in this contract or in any part thereof. No officer, employee, architect, attorney, engineer, or inspector of or for County who is authorized in such capacity and on behalf of County who is in any legislative, executive, supervisory, or other similar function in connection with the construction of the project, shall become directly or indirectly interested personally in this contract or in any part thereof, any material supply contract, subcontract, insurance contract, or any other contract pertaining to the project.

28. POSTING SECURITY IN LIEU OF RETENTION

The Contractor may elect to receive 100% of payments due under this contract from time to time, without retention of any portion of the payment by the public agency, by depositing securities of equivalent value with County in accordance with the provisions of Section 22300 of the California Public Contract Code; except that no such substitution shall be allowed where federal money is funding the project and federal regulations or policies would prohibit such substitution of securities for the retention. Securities eligible for investment shall include those listed in Section 16430 of the California Government Code, or bank or savings and loan certificates of deposits. Such securities, if deposited by the bidder, shall be valued by County whose decision on the valuation of the securities shall be final. The bidder shall be the beneficial owner of any securities substituted for money withheld and shall receive any interest thereon.

29. LIQUIDATED DAMAGES

The County is authorized by Government Code Section 53069.85 to assess liquidated damages for delay. County refers bidders to the Contract for review of the liquidated damages provision to be included in this Contract.

CHECKLIST OF DOCUMENTS ENCLOSED BY BIDDER

Bidder shall acknowledge that he or she has enclosed all required Bidding Documents listed herein by signing his or her initials in "Bidder" column, after each item.

DOCUMENT	SIGNATURES	
	BIDDER	COUNTY REP.
1. BID FORM (signed)		
2. ACKNOWLEDGMENT OF ADDENDA		
3. BID SECURITY: Bid Bond for bids over \$25,000 (must be signed by corporate surety); or Cashier's Check; or Certified Check; or Cash		
4. EXPERIENCE STATEMENT FORM		
5. SUBCONTRACTOR LISTING (signed)		
6. BIDDER'S REPRESENTATIONS: (BIDDER'S QUALIFICATIONS, NONCOLLUSION DECLARATION)		

BID FORM
(Nevada County Standard Form Bid Document)

BID TO THE COUNTY OF NEVADA FOR: Nevada County Dispatch Remodel

Name of Bidder _____

The work to be done and referred to herein is in Nevada County, State of California, and shall be constructed in accordance with the Plans, Specifications (including the payment of not less than the wages rates set forth therein) and the Contract annexed hereto.

The work to be done is shown upon project documents entitled: **Nevada County Dispatch Remodel**. The undersigned, as bidder, declares that the only persons or parties interested in this bid as principals are those named herein; that this bid is made without collusion with any other person, firm, or corporation, and in submitting this bid, the undersigned bidder agrees that he or she has carefully examined the location of the proposed work, the annexed proposed form of contract, and the plans therein referred to and all other documents listed or incorporated in the bidding documents and contract documents; and bidder proposes, and agrees if this bid is accepted, that bidder will contract with the County of Nevada in the form of the copy of the contract annexed hereto, to provide all necessary machinery, tools, apparatus, and other means of construction, and to do all the work and furnish all the materials specified in the contract, in the manner and time therein prescribed, and according to the requirements of County as therein set forth, and that bidder will take in full payment therefor the following:

Item No.	Item	Unit of Measure	Total
1.	Nevada County Dispatch Remodel	Lump Sum	

Total of Bid (in figures): _____

Total of Bid (in words): _____

The undersigned bidder agrees to furnish the required bonds or other security and to enter into a contract within the time specified in the Instructions to Bidders, and further agrees to complete all work covered by the bid, in accordance with all requirements of the contract.

Receipt of copies of the following addenda is hereby acknowledged.

<u>Addendum No.</u>	<u>Bidder's Signature</u>	<u>Date Acknowledged</u>
_____	_____	_____
_____	_____	_____

All addenda received have been considered in preparation of this bid.

Enclosed herewith are the Bid Form, Bid Bond or other security, Experience Statement, Subcontractor Listing and Bidder's Representations form.

In submitting this bid it is understood that the right is reserved by County to reject any and all bids, and it is understood that this bid may not be withdrawn during the period set forth in the Instructions to Bidders.

Envelopes containing bids must be marked as required by the Instructions to Bidders.

County reserves the right to reject any and all bids and to waive any irregularities in bids.

The amount of the bid for comparison purposes will be the total of all items. The total of unit basis items will be determined by extension of the item price bid on the basis of the estimated quantity set forth for the item.

Prices bid shall include overhead, profit and all applicable taxes.

By submission of this bid, each bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, that this bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this bid with any other bidder or with any competitor.

A bid bond for bids over \$25,000 will accompany this bid in a sum of not less than ten percent (10%) of the total amount of the bid and shall be on a form approved by County or a form which is substantially similar, which is attached hereto.

If this bid shall be accepted and the undersigned shall fail to contract as aforesaid, and to give the performance bond and labor and material bond as required in the contract with a surety satisfactory to County within the number of days set forth in the Instructions to Bidders after receipt of notice that the contract has been awarded to the undersigned, County may, at its option, determine that the bidder has abandoned the contract and thereupon the award of the contract shall be null and void and the bidder and surety shall forfeit the security accompanying this bid to the County of Nevada.

Accompanying this bid is: Circle one: Bidder's Bond -- Cashier's Check -- Certified Check -- Cash

for \$ _____, an amount equal to ten percent (10%) of the total bid.

The names of individuals who are principals in any partnership, joint venture, business association or corporation in the foregoing bid are as follows:

Licensed in accordance with an act providing for the registration of contractors, License No. _____

DATED: _____

Authorized Signature of Bidder

PRINTED NAME OF AUTHORIZED REPRESENTATIVE: _____

BUSINESS ADDRESS: _____

PLACE OF RESIDENCE: _____

TELEPHONE NUMBER: _____

EMAIL ADDRESS: _____

CLASSIFICATION OF CONTRACTOR'S LICENSE: _____

EXPIRATION DATE OF CONTRACTOR'S LICENSE: _____

DIR# _____ FEDERAL TAX ID. NO.: _____

NOTE: If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation; if bidder is a co-partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts on behalf of the co-partnership; and if bidder is an individual, his or her signature shall be placed above. If a bidder is a joint venture, the documents must be signed by an authorized officer of each firm to the joint venture and shall include the California Contractor's License number of each partner to the joint venture. The signature of any attorney-in-fact must be notarized.

BIDDER'S BOND

STATE OF CALIFORNIA

COUNTY OF NEVADA

KNOW ALL PERSONS BY THESE PRESENT,

That we, _____ as principal, and _____ as surety, are held and firmly bound unto the County of Nevada in the sum of ten percent (10%) of the total amount of the bid of the principal above named, submitted by said principal to the County of Nevada for the work described below, for the payment of which sum in lawful money of the United States, well and truly to be made, to the County of Nevada, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents. In no case shall the liability of the surety hereunder exceed the sum of \$ _____

The condition of this obligation is such that whereas the principal has submitted the above-mentioned bid to the County of Nevada, as aforesaid, for certain construction specifically described as follows, for which bids are to be opened at Nevada City, California on _____, 20__ for _____.

NOW, THEREFORE, if the aforesaid principal is awarded the contract, and within the time and manner required by the contract documents, after the prescribed forms are presented to him or her for signature, enters into a written Contract, in the prescribed form, in accordance with the bid, and files two bonds with the County of Nevada, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by law, then this obligation shall be null and void; otherwise it shall be and remain in full force and effect.

Notice to Surety shall be provided at:

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____ day of _____, A.D. 20__.

_____ Seal	_____ Seal
_____ Seal	_____ Seal
_____ Seal	_____ Seal
Principal	Surety

NOTE: Signature of Surety shall be notarized. Power of attorney for surety with corporate seal affixed must be attached.

APPROVED AS TO FORM
BY COUNTY COUNSEL

EXPERIENCE STATEMENT

The following outline is a record of the bidder's or subcontractor's recent experience in construction of a type similar in magnitude and character to that contemplated under this Contract. Additional numbered pages shall be attached to this page as required. Each page shall be headed "Experience Statement" and signed.

FAILURE TO COMPLETE WILL RESULT IN BID DISQUALIFICATION

1.) PROJECT NAME:

DATE:

INSPECTOR NAME

PHONE #

CONTRACT AMOUNT:

WORK PERFORMED:

2.) PROJECT NAME:

DATE:

INSPECTOR NAME

PHONE #

CONTRACT AMOUNT:

WORK PERFORMED:

3.) PROJECT NAME:

DATE:

INSPECTOR NAME

PHONE #

CONTRACT AMOUNT:

WORK PERFORMED:

4.) PROJECT NAME:

DATE:

INSPECTOR NAME

PHONE #

CONTRACT AMOUNT:

WORK PERFORMED:

Signature of Contractor

BIDDER'S REPRESENTATIONS

I, the undersigned, declare as follows:

- 1. **BIDDER'S QUALIFICATIONS:** That neither I nor a company of which I am more than 50% owner have been disqualified from bidding, removed from a public works construction project or otherwise been prevented from bidding because of a violation of law or a safety regulation.

Further, I declare under penalty of perjury that neither I nor a company of which I am more than a 50% owner have had more than one final, unappealable finding of contempt of court by a Federal court within the immediately preceding two year period because of failure to comply with an order of the Federal court (Public Contract Code Section 10232), which orders the Contractor to comply with an order of the National Labor Relations Board.

Further, I declare under penalty of perjury that I have not been convicted by any court of any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of state or federal antitrust law in connection with the bidding upon, award of, or performance of any public works contract.

- 2. **WORKER'S COMPENSATION CERTIFICATION (LABOR CODE SECTION 1861):** That I am aware of the provisions of Section 3700 of the Labor Code of the State of California, which requires every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I will comply with such provisions before commencing the performance of the work of this Contract.

- 3. **NONCOLLUSION DECLARATION:** I, the undersigned, declare that I am the _____ of _____ the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

DATED: _____

BIDDER: _____

9/2/20 1/area/used/Drawings/Projects/Current/2019/17_NC_Juvenile_Hall_Dispatch/AccessCAD/Current/NC/JH_Dispatch.dwg

ABBREVIATIONS

AB	ANCHOR BOLT	J-BOX	JUNCTIONBOX
ABV	ABOVE	JT	JOINT
AC	AIR CONDITIONING	LAM	LAMINATE
ACOUST	ACOUSTICAL	LOC	LOCATE
		LTWT	LIGHTWEIGHT
		MAINT	MAINTENANCE
		MAS	MASONRY
		MAT	MATERIAL
		MATL	MATERIAL
		MAX	MAXIMUM
		MECH	MECHANICAL
		MET	METAL
		MFG	MANUFACTURER
		MISC	MISCELLANEOUS
		MO	MASONRY OPENING
APPD	APPROVED	NAT	NATURAL
APPROX	APPROXIMATE	(N)	NEW
ARCH	ARCHITECT	NOM	NOMINAL
AUTO	AUTOMATIC		
AVG	AVERAGE		
BDRM	BEDROOM	OC	ON CENTER
BEL	BELOW	OD	OUTSIDE DIAMETER
BTWN	BETWEEN	OF	OUTSIDE FACE
BLDG	BUILDING	OHD	OVER HEAD
BLK	BLOCK	OPNG	OPENING
BLKG	BLOCKING	OPP	OPPOSITE HAND
CB	CATCH BASIN		
CCW	COUNTER CLOCKWISE		
CEM	CEMENT		
CER	CERAMIC		
CFT	CUBIC FOOT		
CIP	CAST-IN-PLACE	PLAM	PLASTICLAMINATE
CJ	CONTROL JOINT	PTTN	PARTITION
CL	CENTERLINE	PERP	PERPENDICULAR
CLG	CEILING	PLMBG	PLUMBING
CLR	CLEAR	PLTF	PLATFORM
CMU	CONCRETE MASONRY UNIT	PLWD	PLYWOOD
CONC	CONCRETE	PNT	PANT
CONT	CONTINUOUS	PREFAB	PREFABRICATED
CPT	CARPET	QTY	QUANTITY
DBL	DOUBLE	RA	RETURN AIR
DEG	DEGREE	RAD	RADIUS
DEM	DEMOLISH	REBAR	REINFORCING BAR
DEMO	DEMOLITION	REF	REFERENCE
DEPT	DEPARTMENT	REQD	REQUIRED
DET	DETAIL	REV	REVISION
DIAG	DIAGONAL	RO	ROUGH OPENING
DIA	DIAMETER	RWD	REDWOOD
DIM	DIMENSION		
DN	DOWN		
DTL	DETAIL	SCHED	SCHEDULE
DWG	DRAWING	SC	SOLID CORE
DS	DOWNSPOUT	SECT	SECTION
EA	EACH	SF	SQUAREFOOT
EJ	EXPANSION JOINT	SHT	SHEET
ELECT	ELECTRICAL	SIM	SIMILAR
ENGR	ENGINEER	SPECS	SPECIFICATIONS
EQ	EQUAL	SQ	SQUARE
EQUIP	EQUIPMENT	SSTL	STAINLESS STEEL
(E)	EXISTING	STD	STANDARD
		STL	STEEL
		STRUCT	STRUCTURAL
FDTN	FOUNDATION		
FE	FIRE EXTINGUISHER	T&B	TOP AND BOTTOM
FEC	FIRE EXTINGUISHER CABINET	T&G	TONGUE & GROOVE
FF	FINISHED FLOOR	TBD	TO BE DETERMINED
FHC	FIRE HOSE CABINET	TD	TRENCH DRAIN
FLR	FLOOR	TRD	TREAD
FOS	FACE OF STUDS	TSLAB	TOP OF SLAB
FP	FIREPROOF	TS	TOP OF STEEL
FT	FEET	TW	TOP OF WALL
FTG	FOOTING	(TYP)	TYPICAL
GA	GUAGE	UL	UNDERWRITERS LAB
GALV	GALVANIZED	UNO	UNLESS NOTED OTHERWISE
GB	GYPNUM BOARD	UON	UNLESS OTHERWISE NOTED
GC	GENERAL CONTRACTOR		
GL	GLASS	VERT	VERTICAL
GRND	GROUND	VIF	VERIFY IN FIELD
GWB	GYPNUM WALL BOARD	W	WITH
		W/O	WITHOUT
H	HIGH	WC	WATER CLOSET
HORIZ	HORIZONTAL	WD	WOOD
HR	HOUR	WWM	WELDED WIRE MESH
ID	INSIDE DIAMETER	WP	WATERPROOF
IN	INCH		
INFO	INFORMATION		

SYMBOLS

	DETAIL SYMBOL	ROOM #	ROOM IDENTIFICATION
	SECTION DETAIL	(A)	WINDOW NUMBER
	BUILDING SECTION	01	DOOR NUMBER
	REVISION SYMBOL	(A)	PARTITION TYPE
	ELEVATION SYMBOL	(1)	REVISION SYMBOL
	ELEVATION MARKER	---	BREAK LINE
	ALIGNMENT	---	HIDDEN OR OVERHEAD LINE
	DIMENSION LINE	2'-0"	DIMENSION LINE

GENERAL NOTES

- THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE PREMISES AND SHALL BASE HIS BID ON THE EXISTING CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND FIELD CONDITIONS.
- THE WORK INCLUDED UNDER THIS CONTRACT SHALL INCLUDE ALL LABOR, MATERIALS, TRANSPORTATION, TOOLS AND EQUIPMENT NECESSARY FOR THE CONSTRUCTION OF THE PROJECT, LEAVING ALL WORK READY FOR USE.
- PRIOR TO CONSTRUCTION, DISCREPANCIES BETWEEN THE ARCHITECTURAL AND ENGINEERING DRAWINGS SHALL BE REPORTED TO THE ARCHITECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS AND WORKMANSHIP IN ACCORDANCE WITH THE APPLICABLE UNIFORM BUILDING CODE, HANDICAP ACCESS CODE AND ALL APPLICABLE ORDINANCES, INCLUDING STATE AND LOCAL BUILDING CODES AND REQUIREMENTS.
- THESE PLANS INDICATE THE GENERAL EXTENT OF DEMOLITION AND NEW CONSTRUCTION NECESSARY FOR THE WORK, BUT ARE NOT INTENDED TO BE ALL INCLUSIVE. ALL DEMOLITION AND ALL NEW WORK NECESSARY TO ALLOW FOR A FINISHED JOB IN ACCORDANCE WITH THE INTENTION OF THESE DOCUMENTS SHALL BE INCLUDED REGARDLESS OF WHETHER SHOWN ON THE DRAWINGS OR IN THE NOTES. DO NOT DEMOLISH ANY ITEMS THAT APPEAR STRUCTURAL, UNLESS SPECIFICALLY INDICATED TO BE DEMOLISHED IN THE CONSTRUCTION DOCUMENT, WITHOUT PRIOR REVIEW AND WRITTEN APPROVAL BY THE ARCHITECT.
- ANY ERRORS, OMISSIONS, AND CONFLICTS FOUND IN THESE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND OWNER FOR CLARIFICATION BEFORE PROCEEDING WITH WORK.
- ALL DIMENSIONS ARE TO FACE OF FINISH UNLESS NOTED OTHERWISE. ALL DIMENSIONS SHALL BE VERIFIED.
- THE CONTRACTOR SHALL CONFIRM IN WRITING APPROXIMATE ON-SITE DELIVERY DATES FOR ALL CONSTRUCTION ITEMS AS REQUIRED BY THE CONSTRUCTION DOCUMENTS, AND SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY POSSIBLE DELAYS AFFECTING OCCUPANCY.
- THE CONTRACTOR SHALL PROVIDE A SCHEDULE FOR CONSTRUCTION AS REQUIRED TO MEET THE OWNER'S PHASING REQUIREMENTS AND ULTIMATE COMPLETION DATE.
- THE CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST IN THE LOCATION OF ANY AND ALL MECHANICAL, ELECTRICAL, TELEPHONE, LIGHTING, PLUMBING AND FIRE SPRINKLER WORK (INCLUDING PIPING, DUCTWORK AND CONDUIT), AND THAT ALL CLEARANCES FOR INSTALLATION AND MAINTENANCE ARE PROVIDED.
- NO WORK DEFECTIVE IN CONSTRUCTION OR QUALITY OR DEFICIENT IN ANY REQUIREMENT OF THE CONTRACT DOCUMENTS WILL BE ACCEPTABLE IN CONSEQUENCE OF THE OWNER'S OR ARCHITECT'S FAILURE TO DISCOVER OR POINT OUT DEFICIENCIES OR DEFECTS DURING CONSTRUCTION. DEFECTIVE WORK REVEALED WITHIN THE TIME REQUIRED BY GUARANTEES SHALL BE REPLACED BY WORK CONFORMING TO THE INTENT OF THE CONTRACT. NO PAYMENT, EITHER PARTIAL OR FINAL, SHALL BE CONSTRUED AS ACCEPTANCE OF DEFECTIVE WORK OR IMPROPER MATERIALS.
- THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE EXISTING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR REPAIRING ALL DAMAGES CAUSED BY CONTRACTOR AND SUB-CONTRACTORS.
- THE CONTRACTOR SHALL REVIEW, APPROVE, STAMP AND SUBMIT WITH REASONABLE PROMPTNESS AND IN SUCH SEQUENCE AS TO CAUSE NO DELAY IN THE WORK, PRODUCT DATA, SHOP DRAWINGS AND SAMPLES FOR THE PROJECT, AS PER 2019 CBC TABLE 601
- BY APPROVING, STAMPING AND SUBMITTING SHOP DRAWINGS, PRODUCT DATA AND SAMPLES, THE CONTRACTOR REPRESENTS THAT HE HAS DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS, AND FIELD CONSTRUCTION CRITERIA RELATED HERETO AND THAT HE HAS CHECKED AND COORDINATED THE INFORMATION WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ANY DEVIATION FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT'S REVIEW OF THE SHOP DRAWINGS, PRODUCT DATA OR SAMPLES, UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMISSION AND THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
- THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT THREE (3) PRINTS, TYPICALLY OF EACH SHOP DRAWING SUBMITTAL PLUS THREE (3) COPIES OF EITHER PRODUCT DATA OR SAMPLES.
- THE ARCHITECT ASSUMES NO RESPONSIBILITY FOR DIMENSIONS OR QUANTITIES ON REVIEWED SUBMITTALS.
- SUBSTITUTIONS, REVISIONS AND/OR CHANGES MUST HAVE PRIOR WRITTEN APPROVAL BY THE ARCHITECT.
- THE CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DOCUMENTS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION FOR USE BY ALL TRADES AND SHALL PROVIDE ALL SUBCONTRACTORS WITH CURRENT CONSTRUCTION DOCUMENTS AS REQUIRED.
- THE CONTRACTOR SHALL PROVIDE COMPLETE PRODUCT DATA AND RELATED INFORMATION APPROPRIATE FOR THE OWNER'S MAINTENANCE AND OPERATION OF PRODUCTS FURNISHED UNDER THE CONTRACT.
- WORK UNDER THIS CONTRACT SHALL BE WARRANTED BY THE CONTRACTOR AGAINST ALL DEFECTS FOR ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE WORK OR DESIGNATED PORTIONS THEREOF OR FOR ONE (1) YEAR AFTER ACCEPTANCE BY THE OWNER OF DESIGNATED EQUIPMENT. IN THE CASE OF ITEMS REMAINING UNCOMPLETED AFTER THE DATE OF SUBSTANTIAL COMPLETION, THE ONE-YEAR WARRANTY PERIOD SHALL BE FROM DATE OF ACCEPTANCE OF SUCH ITEMS.
- EACH TRADE SHALL EXAMINE THE PREMISES TO INSURE THAT CONDITIONS ARE APPROPRIATE FOR HIS WORK TO COMMENCE, PRIOR TO COMMENCING HIS WORK. AREAS NOT APPROPRIATE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. COMMENCING WORK IMPLIES ACCEPTANCE OF EXISTING CONDITIONS.
- THE GENERAL CONTRACTOR SHALL ASSIST IN THE COORDINATION AND BE RESPONSIBLE FOR THE INSTALLATION OF N.I.C. ITEMS, INCLUDING BUT NOT LIMITED TO FURNITURE, EQUIPMENT, APPLIANCES, PLUMBING FIXTURES, DISHWASHERS, VOICE/DATA CABLING, TELEPHONE WORK, ETC.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE INSTALLATION AS REQUIRED FOR ACCESSORY ITEMS INCLUDING SINK, DISHWASHER, REFRIGERATOR, LAUNDRY EQUIPMENT, ETC.
- ALL DRAWINGS AND NOTES ARE CONSIDERED COMPLEMENTARY, AND WHAT IS CALLED FOR BY EITHER WILL BE AS BINDING AS IF CALLED FOR BY ALL. ANY WORK SHOWN OR REFERRED TO ON ANY ONE SET OF DRAWINGS SHALL BE PROVIDED AS THOUGH SHOWN ON ALL RELATED DRAWINGS.
- VERIFY ALL ARCHITECTURAL DETAILS AND COORDINATE DRAWINGS WITH STRUCTURAL AND MEP DRAWINGS BEFORE INITIATION OF ANY RELATED WORK.
- ALL INSTALLATIONS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INDUSTRY AND BUILDING STANDARDS, AND CODE REQUIREMENTS. SEALANT, WEATHERSTRIPPING, AND FLASHING LOCATIONS IN DRAWINGS ARE NOT INTENDED TO BE INCLUSIVE.
- LARGER SCALE DETAILED DRAWINGS SUPERCEDES SMALLER SCALED ELEVATION AND PLAN DRAWINGS.

APPLICABLE CODES

ALL CODES REFERENCED ARE TO BE USED AS AMENDED BY THE STATE OF CALIFORNIA AND LOCAL JURISDICTION.

2019 CALIFORNIA BUILDING CODE
 2019 CALIFORNIA MECHANICAL CODE
 2019 CALIFORNIA ELECTRICAL CODE
 2019 CALIFORNIA PLUMBING CODE
 2019 CALIFORNIA GREEN BUILDING CODE
 2019 CALIFORNIA FIRE CODE
 2019 CALIFORNIA ENERGY CODE

PROJECT TEAM

OWNER:
 COUNTY OF NEVADA
 CONTACT: TIM HORNER
 950 MAIDU AVENUE
 NEVADA CITY, CA 95959
 T (530) 265-1238

ARCHITECT:
 RUSSELL DAVIDSON ARCHITECTURE + DESIGN
 CONTACT: RUSSELL DAVIDSON
 149 CROWN POINT CT, SUITE A
 GRASS VALLEY, CA 95945
 T (530) 913-2370

STRUCTURAL ENGINEER:

ELECTRICAL ENGINEER:

MECHANICAL ENGINEER:

CIVIL ENGINEER:

PROJECT DATA

SITE DATA

ADDRESS: 15434 CA-49
 NEVADA CITY, CA 95959

A.P.N.: 005-050-015

ELEVATION: 2,690
 SNOW LOAD: 49 LB/SF
 WIND EXPOSURE: C
 CLIMATE ZONE: 11

ZONING: P
 SITE AREA: 10.09 ACRES

BUILDING ANALYSIS

OCC. GROUP: I-3, S-1
 CONST. TYPE: IB
 FIRE SPRINKLERS: YES

CODE ANALYSIS

1. TYPE OF CONSTRUCTION, BUILDING AREA, OCCUPANCY GROUPS, FIRE RESISTANT CONSTRUCTION

AS PER 2019 CBC TABLE 601

	JUVENILE HALL	VEHICLE SALLYPORT
OCCUPANCY	I-3	S-1
CONSTRUCTION TYPE	TYPE IA	TYPE IB
BUILDING AREA	25,845 SF	1,045 SF
SPRINKLER SYSTEM	YES	NO
FIRE RESISTANCE		
BEARING WALLS (EXTERIOR)	4 HR. / U901	NR
BEARING WALLS (INTERIOR)	2 HR. / U901	NR
STRUCTURAL FRAME	2 HR.	NR
PERMANENT PARTITIONS	1 HR. / U901	NR
SHAFT ENCLOSURES	2 HR. / U901	NR
FLOOR-CEILING	2 HR. / D733	NR
ROOF-CEILING	1 HR. / P805	NR
EXTERIOR DOORS & WINDOWS	NR > 20' SEPARATION	NR > 10' SEPARATION
GLASS OPENING IN 1-HR CORRIDOR	45 MIN. / 10-B	NR

SCOPE OF WORK

PROJECT CONSISTS OF THE FOLLOWING WORK:

(N) 207 SF SERVER ROOM WITH (E) BUILDING FOOTPRINT
 REPLACE (E) WINDOWS WITH (N) BALLISTICS GLASS
 (N) INT. WALLS FOR DISPATCH ENTRANCE
 (N) RECEPTION DESK
 (N) BREAKROOM MILLWORK AND EQUIPMENT
 (N) FULL DISABLED ACCESS COMPLIANCE WILL BE ACHIEVED WITH IMPROVEMENTS

DEFERRED SUBMITTALS

THE FOLLOWING SUBMITTALS WILL BE DEFERRED:

ANSUL FIRE SUPPRESSION SYSTEM

SPECIAL INSPECTIONS

THE FOLLOWING SPECIAL INSPECTIONS ARE REQUIRED:

EPOXY ANCHORS
 FIELD WELDING

VICINITY MAP



SHEET INDEX

TITLE	REV.#	
T0.1	TITLE SHEET	1
C1	TITLE SHEET	
C2	DEMOLITION PLAN	
C3	IMPROVEMENT PLAN	
C4	ADA DETAIL SHEET	
ARCHITECTURAL		
A2.1	SITE PLAN	
A2.2	EGRESS & ACCESSIBILITY PLAN	1
A2.3	DEMO PLAN, NEW FLOOR & ROOF PLAN	1
A2.4	FINISH PLAN	
A2.5	REFLECTED CEILING PLAN	1
A3.1	BUILDING SECTIONS, ELEVATIONS & DETAILS	1
A4.1	ENLARGED NEW FLOOR PLAN, INTERIOR ELEVATIONS	
A5.1	TYPICAL ACCESSIBILITY DETAILS	
A5.2	TYPICAL ACCESSIBILITY DETAILS	
A7.1	SPECIFICATIONS	
A7.2	SPECIFICATIONS	
AB.1	CBSC	
AB.2	CBSC	
AB.3	CBSC	
STRUCTURAL		
S2.1	STRUCTURAL PLANS	
S3.1	ENGINEERING DETAILS AND SECTIONS	1
MECHANICAL		
M1.1	HVAC FLOOR PLAN	
ELECTRICAL		
E0.1	LEGEND, ONE-LINE DIAGRAM, AND NOTES	1
E0.2	PANEL SCHEDULES	1
E2.1	LIGHTING PLAN & SCHEDULES	1
E3.1	POWER PLAN	
E5.1	TITLE 24 LIGHTING	
TITLE 24 ENERGY CALCULATIONS		
T24-1	TITLE 24 ENERGY CALCULATIONS	1
T24-2	TITLE 24 ENERGY CALCULATIONS	1

FIELD SET

FINAL INSPECTION REQUIRED BY NEVADA CITY CONSOLIDATED FIRE DISTRICT PRIOR TO FINAL BUILDING INSPECTION.

FIELD SET

RUSSELL DAVIDSON
 ARCHITECTURE + DESIGN



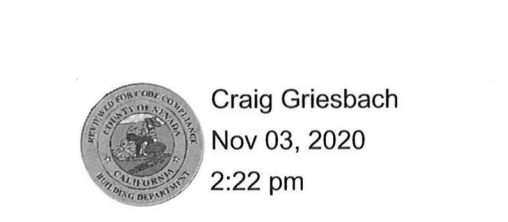
SUBJECT TO FIELD INSPECTION

SCOPE OF WORK

DEFERRED SUBMITTALS

SPECIAL INSPECTIONS

VICINITY MAP



FIELD SET

TITLE	REV.#	
T0.1	TITLE SHEET	1
C1	TITLE SHEET	
C2	DEMOLITION PLAN	
C3	IMPROVEMENT PLAN	
C4	ADA DETAIL SHEET	
ARCHITECTURAL		
A2.1	SITE PLAN	
A2.2	EGRESS & ACCESSIBILITY PLAN	1
A2.3	DEMO PLAN, NEW FLOOR & ROOF PLAN	1
A2.4	FINISH PLAN	
A2.5	REFLECTED CEILING PLAN	1
A3.1	BUILDING SECTIONS, ELEVATIONS & DETAILS	1
A4.1	ENLARGED NEW FLOOR PLAN, INTERIOR ELEVATIONS	
A5.1	TYPICAL ACCESSIBILITY DETAILS	
A5.2	TYPICAL ACCESSIBILITY DETAILS	
A7.1	SPECIFICATIONS	
A7.2	SPECIFICATIONS	
AB.1	CBSC	
AB.2	CBSC	
AB.3	CBSC	
STRUCTURAL		
S2.1	STRUCTURAL PLANS	
S3.1	ENGINEERING DETAILS AND SECTIONS	1
MECHANICAL		
M1.1	HVAC FLOOR PLAN	
ELECTRICAL		
E0.1	LEGEND, ONE-LINE DIAGRAM, AND NOTES	1
E0.2	PANEL SCHEDULES	1
E2.1	LIGHTING PLAN & SCHEDULES	1
E3.1	POWER PLAN	
E5.1	TITLE 24 LIGHTING	
TITLE 24 ENERGY CALCULATIONS		
T24-1	TITLE 24 ENERGY CALCULATIONS	1
T24-2	TITLE 24 ENERGY CALCULATIONS	1

FIELD SET

FINAL INSPECTION REQUIRED BY NEVADA CITY CONSOLIDATED FIRE DISTRICT PRIOR TO FINAL BUILDING INSPECTION.

FIELD SET

RUSSELL DAVIDSON
 ARCHITECTURE + DESIGN



SUBJECT TO FIELD INSPECTION

SCOPE OF WORK

DEFERRED SUBMITTALS

SPECIAL INSPECTIONS

VICINITY MAP



FIELD SET

T0.1

NEVADA COUNTY YOUTH CENTER
 DISPATCH REMODEL

15434 CA-49
 NEVADA CITY, CA 95959
 APN: 005-050-015

SCALE: AS NOTED
 DRAWN BY: RPD
 CHECKED BY: RPD
 JOB: 2019.17

TITLE SHEET

NEVADA COUNTY ENGINEERING DIVISION

IMPROVEMENT PLANS FOR: NEVADA COUNTY YOUTH CENTER A.P.N. 005-050-015

DRAWING SHEET INDEX

- C1 - TITLE SHEET
- C2 - DEMOLITION PLAN
- C3 - IMPROVEMENT PLAN
- C4 - ADA DETAIL SHEET

PROJECT CONSULTANTS

PROPERTY CONTACT:

TIM HORNER
NEVADA COUNTY YOUTH CENTER
950 MAIDU AVENUE
NEVADA CITY, CA 95959
(530) 265-1238

ARCHITECT:

RUSSELL DAVIDSON
149 CROWN POINT COURT, SUITE A
GRASS VALLEY, CA 95945
(530) 913-2370
e-mail: russ@davidsonarch.com

CIVIL ENGINEER/SURVEYOR:

KEVIN J. NELSON, P.E., P.L.S.
NELSON ENGINEERING
14028 CAMAS COURT
PENNY VALLEY, CA 95946
(530) 432-4818
e-mail: k2@nelsonengineer.com

EARTHWORK QUANTITIES:

NOTE TO CONTRACTOR: THE CALCULATION OF EARTHWORK QUANTITIES, AND THE DETERMINATION OF ANY REQUIRED IMPORT OR EXPORT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE FOLLOWING QUANTITIES CALCULATED BY NELSON ENGINEERING ARE FOR FEE CALCULATION.

EXCAVATION = 0 CY
FILL (15% SHRINK) = 0 CY
IMPORT/EXPORT = 0 CY

ANY IMPORT OR EXPORT REQUIREMENTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

AIR QUALITY AND DUST CONTROL NOTES

- THE APPLICANT SHALL BE RESPONSIBLE FOR ENSURING THAT ALL ADEQUATE DUST CONTROL MEASURES ARE IMPLEMENTED IN A TIMELY MANNER DURING ALL PHASES OF PROJECT DEVELOPMENT AND CONSTRUCTION.
- ALL MATERIAL EXCAVATED, STOCKPILED, OR GRADED SHALL BE SUFFICIENTLY WATERED, TREATED, OR COVERED TO PREVENT DUST FROM LEAVING THE PROPERTY BOUNDARIES AND CAUSING A PUBLIC NUISANCE OR A VIOLATION OF AN AMBIENT AIR STANDARD. WATERING SHOULD OCCUR AT LEAST TWICE DAILY, WITH COMPLETE SITE COVERAGE.
- ALL LAND CLEARING, GRADING, EARTH MOVING, OR EXCAVATION ACTIVITIES ON THE PROJECT SHALL BE SUSPENDED AS NECESSARY TO PREVENT EXCESSIVE WINDBLOWN DUST WHEN WINDS ARE EXPECTED TO EXCEED 20 MPH.
- ALL INACTIVE PORTIONS OF THE DEVELOPMENT SITE SHALL BE COVERED, SEED, OR WATERED UNTIL A SUITABLE COVER IS ESTABLISHED. ALTERNATELY, THE APPLICANT SHALL BE RESPONSIBLE FOR APPLYING CITY APPROVED NON-TOXIC SOIL STABILIZERS (ACCORDING TO MANUFACTURER'S SPECIFICATIONS) TO ALL INACTIVE CONSTRUCTION AREAS (PREVIOUSLY GRADED AREAS WHICH REMAIN INACTIVE FOR 96 HOURS) IN ACCORDANCE WITH THE LOCAL GRADING ORDINANCE.
- ALL AREAS WITH VEHICLE TRAFFIC SHALL BE WATERED OR HAVE DUST PALLIATIVE APPLIED AS NECESSARY FOR REGULAR STABILIZATION OF DUST EMISSIONS.
- ALL MATERIAL TRANSPORTED OFFSITE SHALL BE EITHER SUFFICIENTLY WATERED OR SECURELY COVERED TO PREVENT PUBLIC NUISANCE.
- PAVED STREETS ADJACENT TO THE PROJECT SHALL BE SWEEPED OR WASHED AT THE END OF EACH DAY, OR AS REQUIRED TO REMOVE EXCESSIVE ACCUMULATIONS OF SILT AND/OR MUD WHICH MAY HAVE RESULTED FROM ACTIVITIES AT THE PROJECT SITE.
- NO BURNING OF WASTE MATERIAL OR VEGETATION SHALL TAKE PLACE ON-SITE. ALTERNATIVES TO BURNING INCLUDE CHIPPING, MULCHING OR CONVERTING TO BIOMASS.

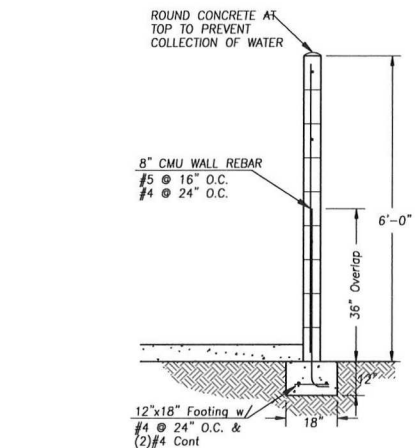
PAVING & CONCRETE NOTES

- ALL CLASS 2 AGGREGATE BASE (AB) SHALL BE COMPACTED TO 95% COMPACTION.
- ALL ASPHALT CONCRETE SHALL BE 3/4" MAXIMUM, MEDIUM TYPE "B" PER SECTION 39 OF CALTRANS STANDARD SPECIFICATIONS.
- THE TOP 12" OF SUBGRADE SHALL BE COMPACTED TO 90% COMPACTION FOR ALL STRUCTURAL SECTIONS (AC/AB & PCC) PER GEOTECHNICAL ENGINEERING REPORT.
- PORTLAND CEMENT CONCRETE (PCC) SHALL BE 3/4" MAXIMUM AGGREGATE AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS.
- SEE ARCHITECTURAL AND STRUCTURAL PLANS FOR DESIGN OF ALL BUILDING COMPONENTS AND RETAINING WALLS.
- EXPANSION JOINTS - PROVIDE AS SHOWN AND WHEREVER PORTLAND CEMENT CONCRETE (PCC) ABUTS BUILDINGS, CURBS, WALLS, OR OTHER STRUCTURES.
 - 3/8" THICK FELT EXPANSION FIBER BOARD FULL DEPTH OF PCC.
 - 1/2" BACKER ROD.
 - FOR JOINTS 3/4" AND WIDER CONCRETE EXTERIOR PAVEMENT JOINT SEALANT: POLYURETHANE SELF-LEVELING, ASTM C920, CLASS 25, USES T & I, SINGLE IMPLEMENT.
 - COLOR SHALL MATCH CONCRETE COLOR.
 - CLEAN EXPANSION JOINTS AFTER CURING AND FILL WITH SPECIFIED JOINT SEALANT FLUSH WITH ADJACENT PCC.
- PCC FINISH:
 - SIDEWALKS: LIGHT BROOM, TEXTURE PERPENDICULAR TO THE DIRECTION OF TRAVEL WITH TROMELED AND RADIUS EDGE, 1/4" RADIUS.
 - CURBS & GUTTERS: MEDIUM BROOM, TEXTURE PARALLEL TO PAVEMENT DIRECTION.
- PLACE CURING COMPOUND ON EXPOSED PCC SURFACES IMMEDIATELY AFTER FINISHING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- ADJUST ALL EXISTING GRATES & UTILITY BOXES TO GRADE AS REQUIRED BY PROPOSED IMPROVEMENTS.

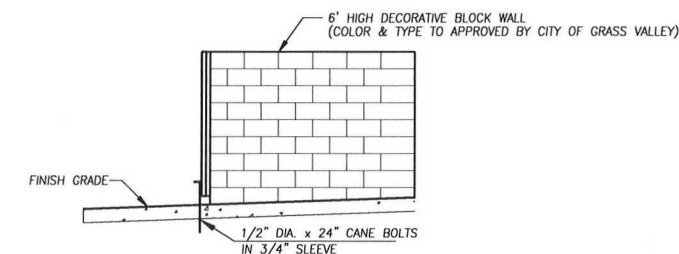
TITLE SHEET FOR:
JUVENILE HALL
15494 STATE HIGHWAY 49
 A.P.N. 005-050-015
 CALIFORNIA

FIELD SET

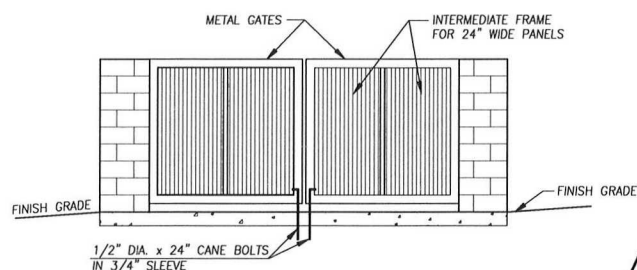
NELSON ENGINEERING
 Civil Engineering, Surveying, & Land Planning
 (530) 432-4818
 14028 Camas Court
 Penny Valley, CA 95946
 www.nelsonengineer.com



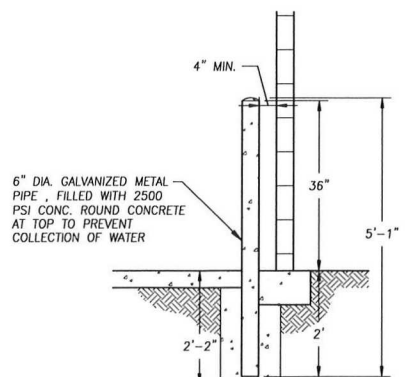
— WALL SECTION DETAIL —



— SIDE ELEVATION —

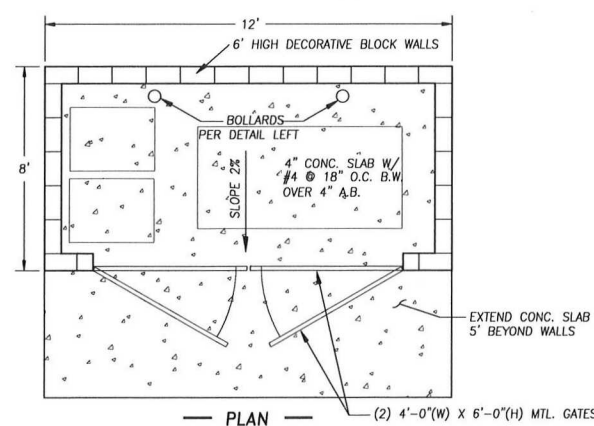


— FRONT ELEVATION —



— BOLLARD DETAIL —

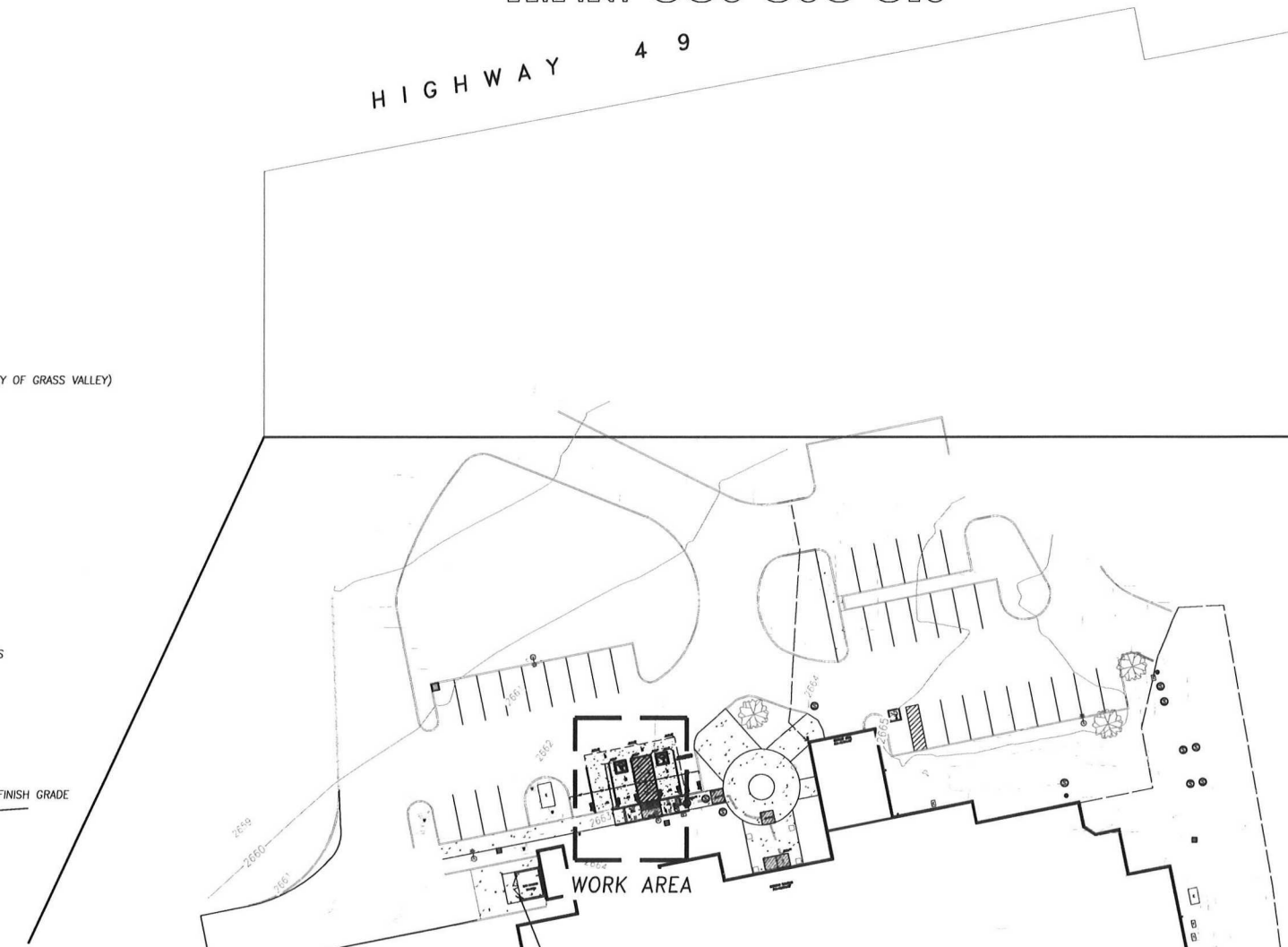
TRASH ENCLOSURE DETAIL A



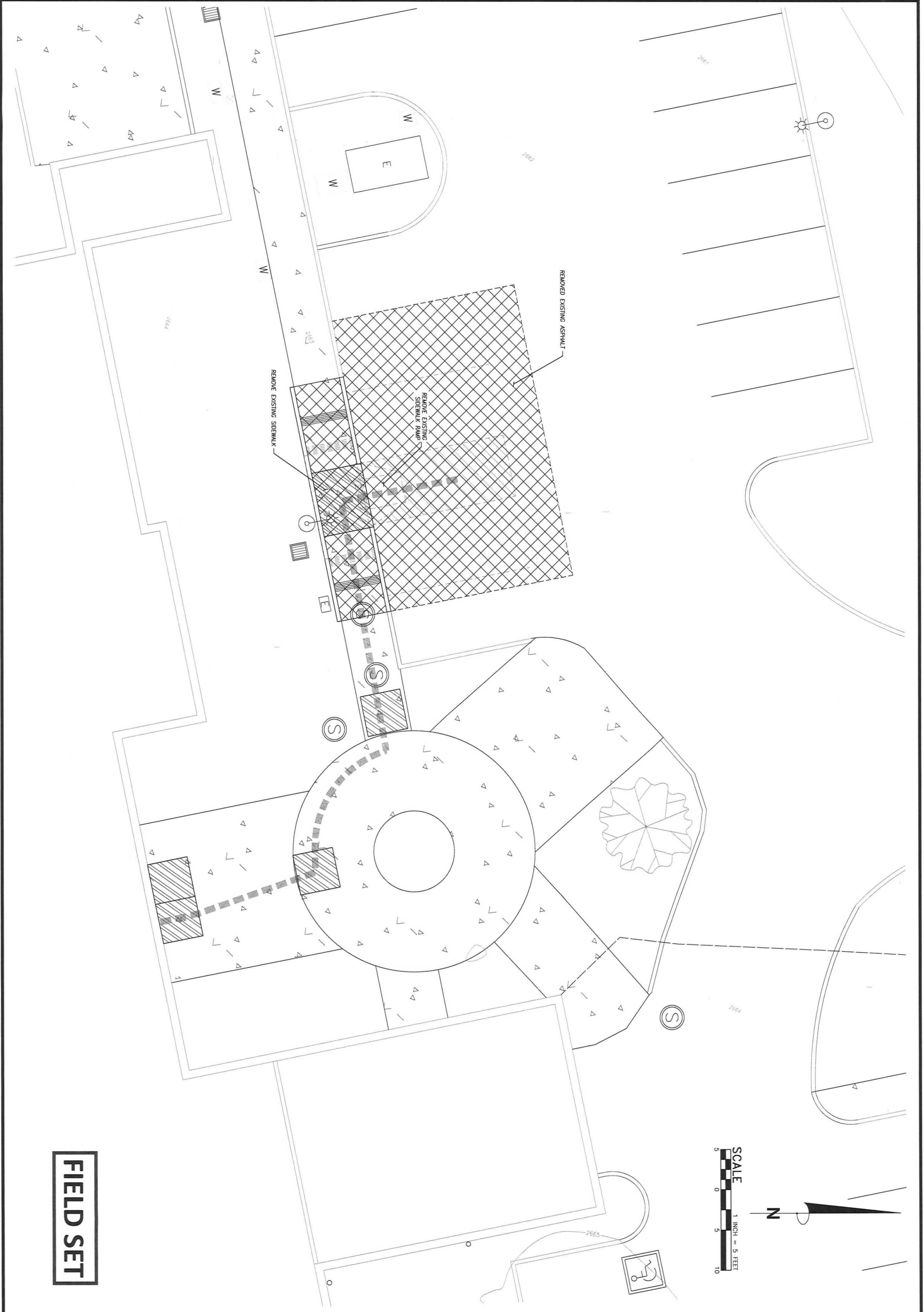
— PLAN —

KEY MAP

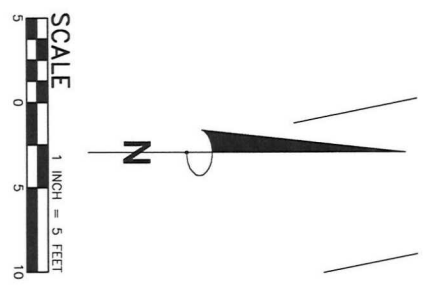
SCALE: 1" = 30'



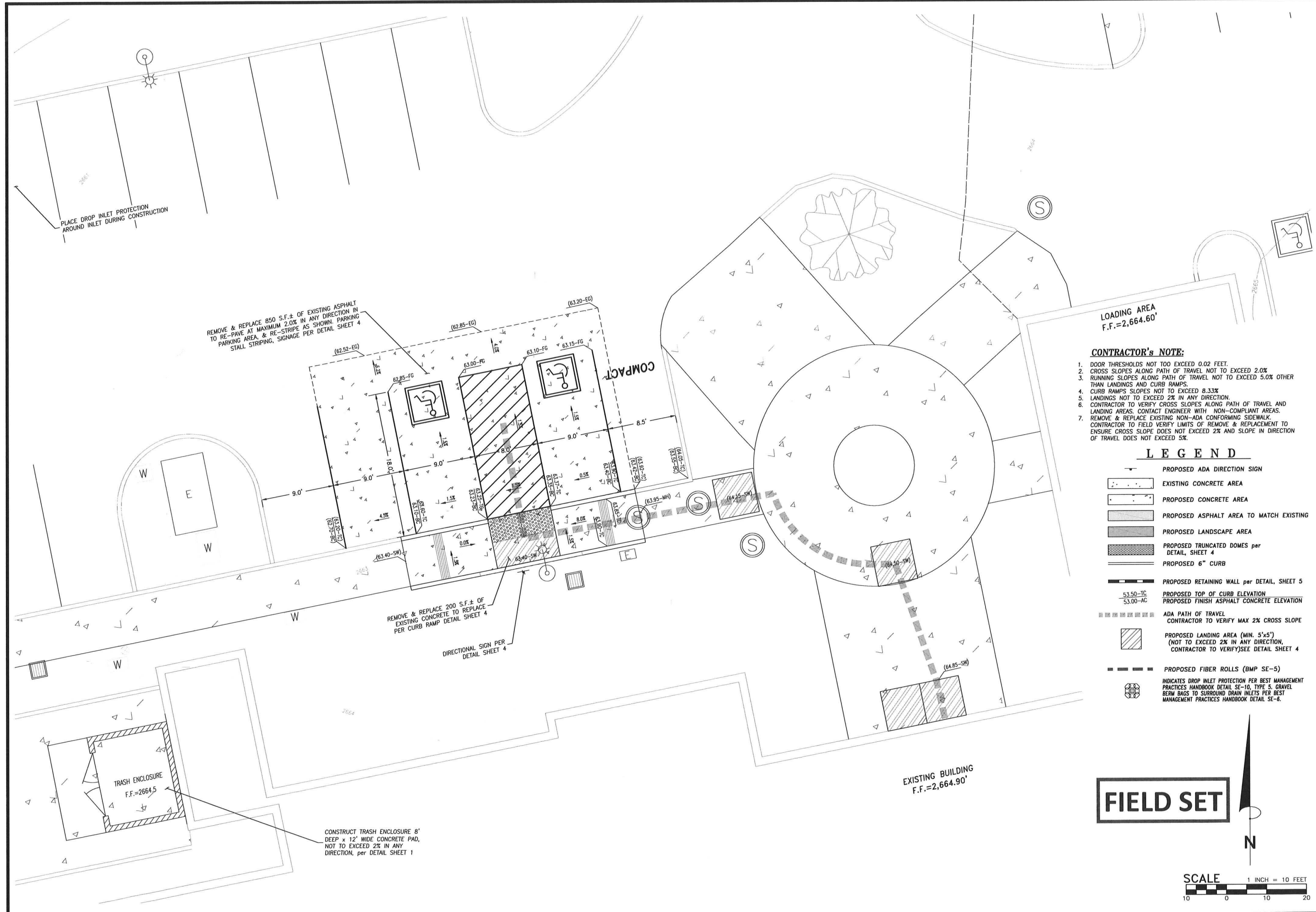
CONSTRUCT TRASH ENCLOSURE 8' DEEP x 12' WIDE CONCRETE PAD, NOT TO EXCEED 2% IN ANY DIRECTION, per DETAIL LEFT



FIELD SET



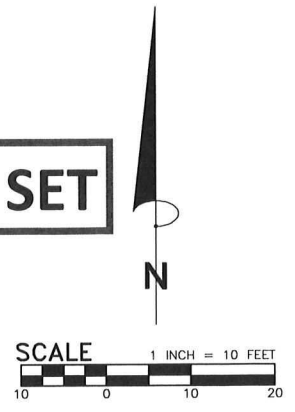
2 OF 4	NELSON ENGINEERING <small>Civil Engineering, Surveying, & Land Planning</small> 14028 Carnas Court Penn Valley, CA 95946 Visit us online at: www.nelsonengineer.com	DEMOLITION PLAN FOR: JUVENILE HALL 15434 STATE HIGHWAY 49 A.P.N. 005-050-015 COUNTY OF NEVADA, CALIFORNIA		NO. REVISIONS _____ _____ _____ _____ _____	DATE _____ _____ _____ _____ _____	DESIGNED: KJN DRAWN: K2N CHECKED BY: KJN DATE: April 24, 2020 PROJECT No.: 19-256 DWG. NAME: 19-256 Juvenile Hall Map.dwg



- CONTRACTOR'S NOTE:**
1. DOOR THRESHOLDS NOT TO EXCEED 0.02 FEET.
 2. CROSS SLOPES ALONG PATH OF TRAVEL NOT TO EXCEED 2.0%.
 3. RUNNING SLOPES ALONG PATH OF TRAVEL NOT TO EXCEED 5.0% OTHER THAN LANDINGS AND CURB RAMP.
 4. CURB RAMP SLOPES NOT TO EXCEED 8.33%.
 5. LANDINGS NOT TO EXCEED 2% IN ANY DIRECTION.
 6. CONTRACTOR TO VERIFY CROSS SLOPES ALONG PATH OF TRAVEL AND LANDING AREAS. CONTACT ENGINEER WITH NON-COMPLIANT AREAS.
 7. REMOVE & REPLACE EXISTING NON-ADA CONFORMING SIDEWALK. CONTRACTOR TO FIELD VERIFY LIMITS OF REMOVE & REPLACEMENT TO ENSURE CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN DIRECTION OF TRAVEL DOES NOT EXCEED 5%.

- LEGEND**
- PROPOSED ADA DIRECTION SIGN
 - EXISTING CONCRETE AREA
 - PROPOSED CONCRETE AREA
 - PROPOSED ASPHALT AREA TO MATCH EXISTING
 - PROPOSED LANDSCAPE AREA
 - PROPOSED TRUNCATED DOMES per DETAIL, SHEET 4
 - PROPOSED 6" CURB
 - PROPOSED RETAINING WALL per DETAIL, SHEET 5
 - PROPOSED TOP OF CURB ELEVATION
 - PROPOSED FINISH ASPHALT CONCRETE ELEVATION
 - ADA PATH OF TRAVEL CONTRACTOR TO VERIFY MAX 2% CROSS SLOPE
 - PROPOSED LANDING AREA (MIN. 5'x5') (NOT TO EXCEED 2% IN ANY DIRECTION, CONTRACTOR TO VERIFY) SEE DETAIL SHEET 4
 - PROPOSED FIBER ROLLS (BMP SE-5)
 - INDICATES DROP INLET PROTECTION PER BEST MANAGEMENT PRACTICES HANDBOOK DETAIL SE-10, TYPE 5. GRAVEL BERM BAGS TO SURROUND DRAIN INLETS PER BEST MANAGEMENT PRACTICES HANDBOOK DETAIL SE-6.

FIELD SET



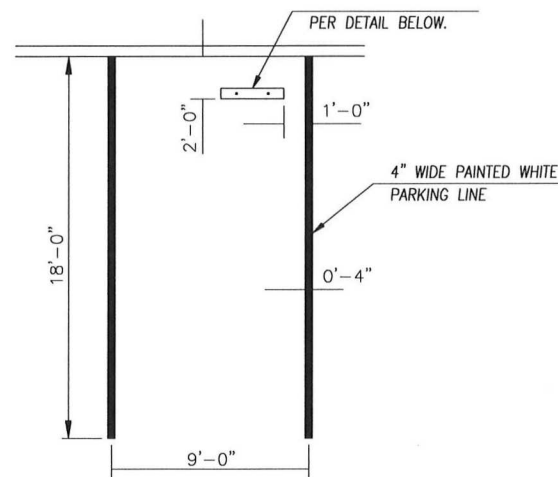
NO.	REVISIONS	DATE

DESIGNED: KJN	DRAWN: KJN	CHECKED BY: KJN	DATE: July 31, 2020	PROJECT No.: 19-256	DWG. NAME: 19-256 Juvenile Hall Master
---------------	------------	-----------------	---------------------	---------------------	----------------------------------------

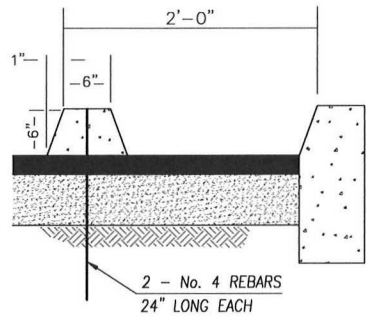
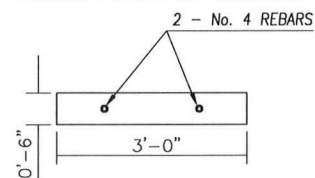
SITE PLAN FOR:
JUVENILE HALL
15434 STATE HIGHWAY 49
 A.P.N. 005-050-015
 COUNTY OF NEVADA, CALIFORNIA

NELSON ENGINEERING
 Civil Engineering, Surveying, & Land Planning
 (530) 432-4818
 14028 Carnas Court
 Reno Valley, CA 95946
 e-mail: k@nelsonengineer.com
 www.nelsonengineer.com



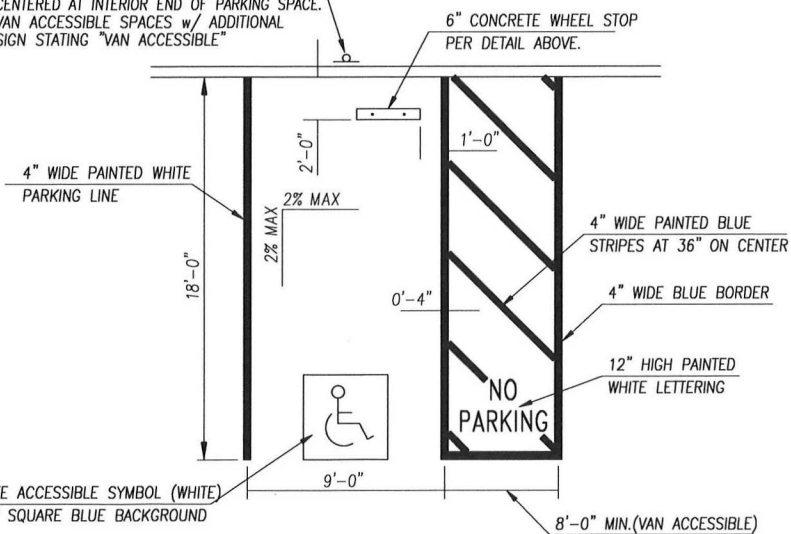


STANDARD PARKING SPACE



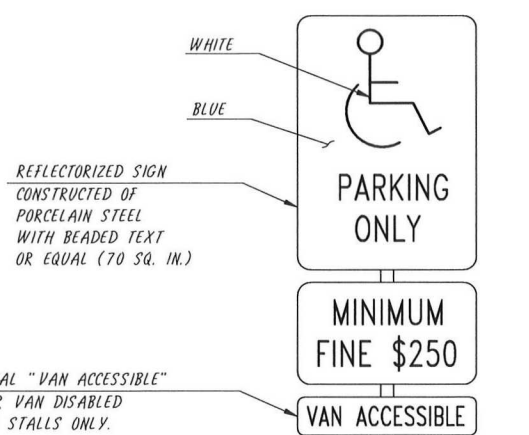
STANDARD WHEEL STOP DETAIL

ACCESSIBLE PARKING SIGN PER DETAIL RIGHT CENTERED AT INTERIOR END OF PARKING SPACE. VAN ACCESSIBLE SPACES w/ ADDITIONAL SIGN STATING "VAN ACCESSIBLE"



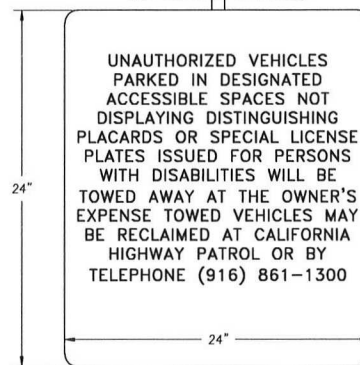
STD. STATE ACCESSIBLE SYMBOL (WHITE) OVER 48" SQUARE BLUE BACKGROUND

ACCESSIBLE PARKING SPACE



REFLECTORIZED SIGN CONSTRUCTED OF PORCELAIN STEEL WITH BEADED TEXT OR EQUAL (70 SQ. IN.)

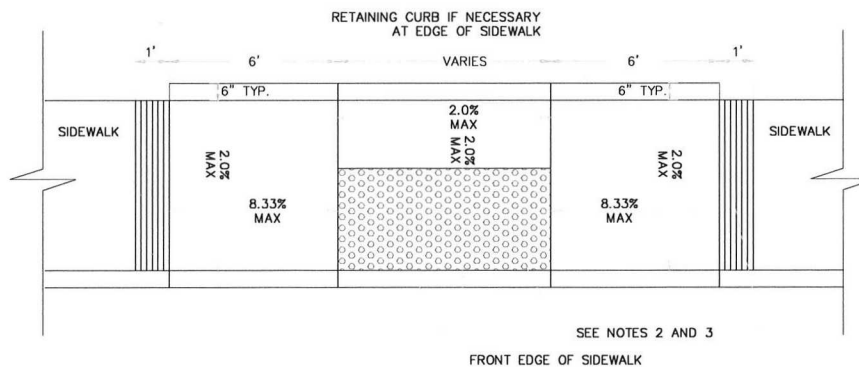
ADDITIONAL "VAN ACCESSIBLE" SIGN FOR VAN DISABLED PARKING STALLS ONLY.



80" MIN. TO FREE STANDING

TO TOP OF WALKING SURFACE

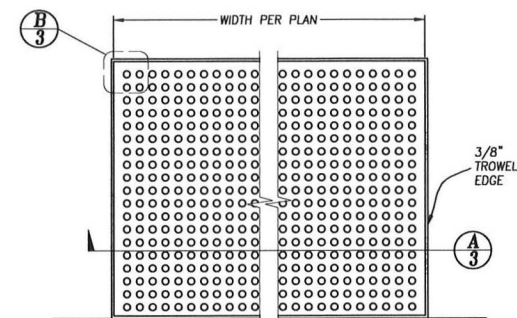
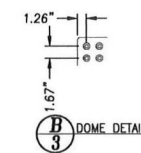
ACCESSIBLE PARKING SIGN



NOTES:

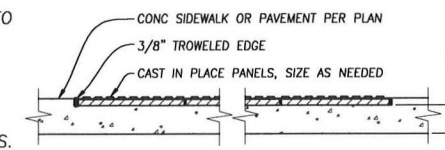
1. THE CURB RAMP SHALL BE OUTLINED AS SHOWN WITH A 1'-0" WIDE BORDER WITH 1/2" GROOVES APPROXIMATELY 1/2" ON CENTER, 1/4" DEEP
2. CURB RAMP SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. SEE AR DWGS
3. THE EDGE OF THE DETECTABLE WARNING SURFACE NEAREST THE VEHICULAR WAY SHALL BE BETWEEN 6" AND 8" FROM THE FACE OF CURB.

ACCESSIBLE CURB RAMP



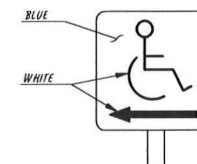
NOTES:

1. INSTALL PANELS PER MFR RECOMMENDATIONS AND REQUIREMENTS, AND PER ADA CODE REQUIREMENTS.
2. TRUNCATED DOME PANELS TO BE SIZED TO PROPER WIDTH USING EITHER 12", 24", 36" OR 48" PANELS. CUT PANELS AS NECESSARY. DOME PANELS TO MEET ALL CURRENT STATE AND FEDERAL ADA REQUIREMENTS.
3. PANELS TO BE YELLOW ARMORTILE PANELS.

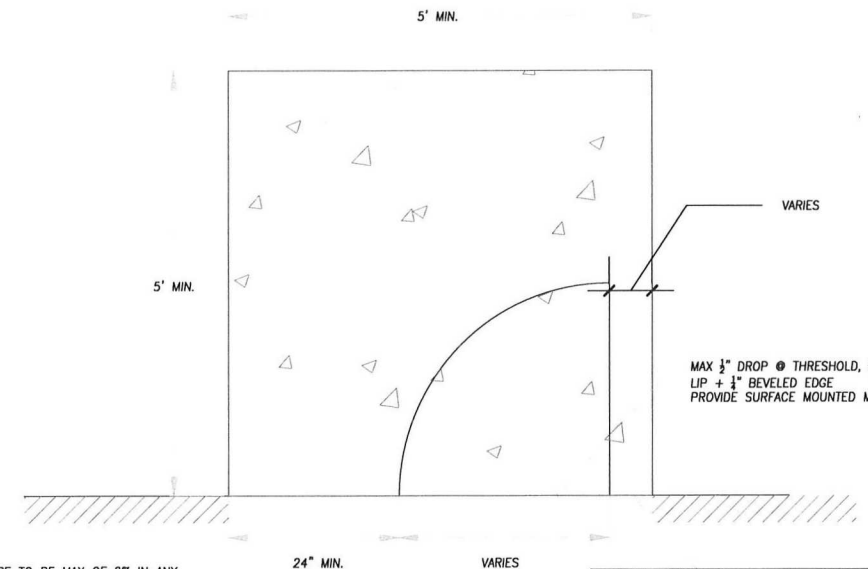


SECTION A-3

TRUNCATED DOMES DETAIL



ACCESSIBILITY ISA DIRECTIONAL SIGN



FIELD SET

LANDING DETAIL

DESIGNED: KJN	DATE
DRAWN: KJN	REVISIONS
CHECKED BY: KJN	NO.
DATE: July 31, 2020	
PROJECT No.: 19-255	
DWG. NAME: 19-255 Accessible Parking	

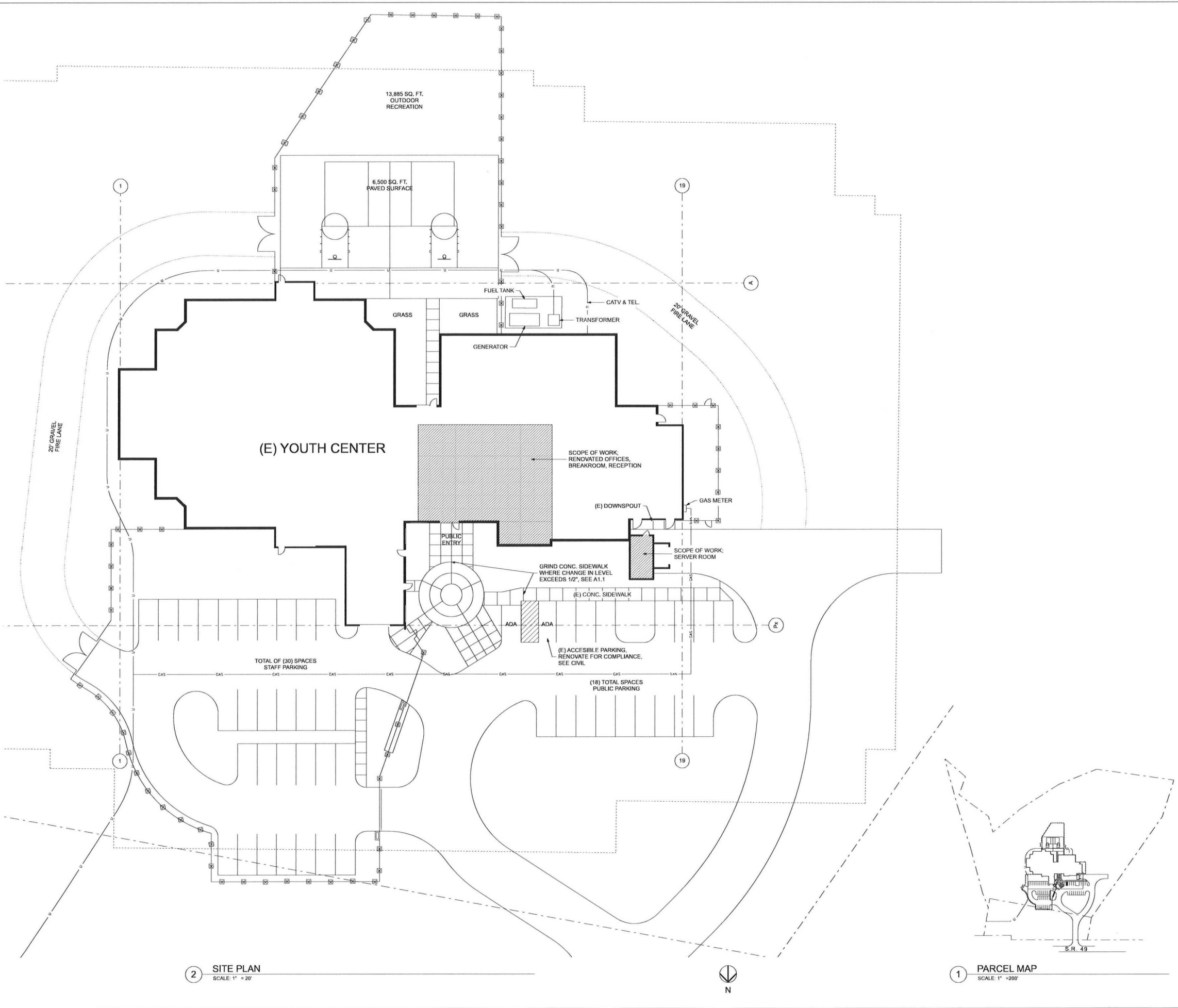
ACCESSIBILITY DETAILS FOR:
JUVENILE HALL
15434 STATE HIGHWAY 49
 A.P.N. 005-050-015
 COUNTY OF NEVADA, CALIFORNIA

NELSON ENGINEERING
 Civil Engineering, Surveying, & Land Planning
 (530) 432-4818
 14028 Canmas Court
 Palm Valley, CA 95946
 e-mail: k@nelsonengineer.com
 www.nelsonengineer.com

REGISTERED PROFESSIONAL ENGINEER
 KEVIN J. NELSON
 No. 55101
 Exp. 6-30-2020
 CIVIL
 STATE OF CALIFORNIA

4 OF 4

I:\Users\russell.davidson\Projects\Current\2019.17 NC Juvenile Hall Dispatch\Work\CAD\CURRENT\NCJH Dispatch.dwg



2 SITE PLAN
SCALE: 1" = 20'

1 PARCEL MAP
SCALE: 1" = 200'

NOTES

1. SEE (TYP) ACCESSIBILITY DETAILS FOR DOOR CLEARANCES
2. REFER TO CIVIL PLANS FOR (N) GRADES AND MATERIAL SPECIFICATIONS.



**NEVADA COUNTY YOUTH CENTER
DISPATCH REMODEL**

15434 CA-49
NEVADA CITY, CA 95959
APN: 005-050-015

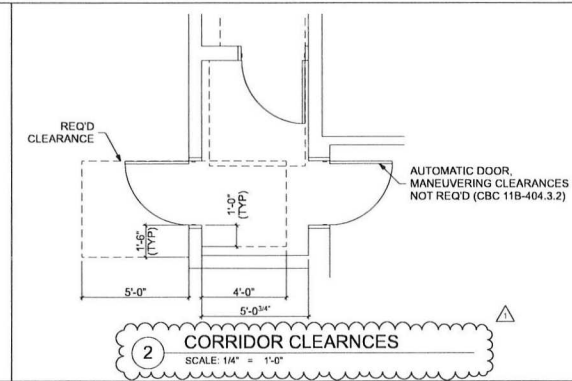
ID	NAME	DATE
	SUBMITTAL	7/31/20

SCALE:	AS NOTED
DRAWN BY:	RPD
CHECKED BY:	RPD
JOB:	2019.17

SITE PLAN

FIELD SET

A2.1

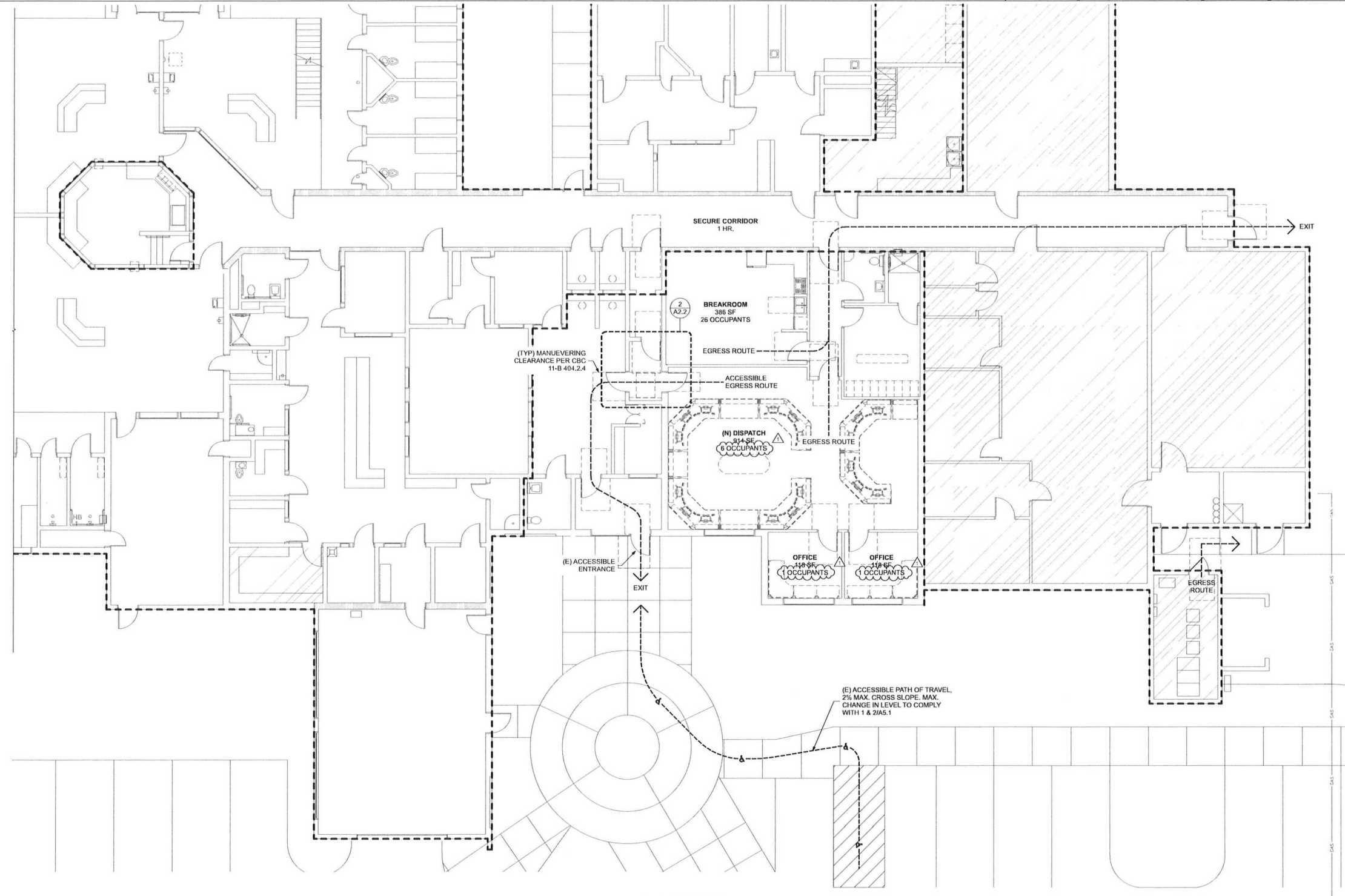
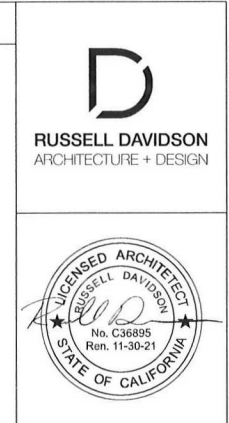


NOTES

- SEE (TYP) ACCESSIBILITY DETAILS FOR DOOR CLEARANCES
- THROUGH PENETRATIONS OF FIRE-RESISTANCE-RATED WALLS SHALL COMPLY WITH THE FOLLOWING:
 - PENETRATIONS SHALL BE INSTALLED AS TESTED IN AN APPROVED FIRE-RESISTANCE-RATED ASSEMBLY.
 - THROUGH PENETRATIONS SHALL BE PROTECTED BY AN APPROVED PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E814 OR UL 1479, WITH A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH (2.48 PA) OF WATER AND SHALL HAVE AN F-RATING OF NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL PENETRATED.

EXCEPTION: WHERE THE PENETRATING ITEMS ARE STEEL, FERROUS OR COPPER PIPES, TUBES OR CONDUITS, THE ANNULAR SPACE BETWEEN THE PENETRATING ITEM AND THE FIRE-RESISTANCE-RATED WALL IS PERMITTED TO BE PROTECTED AS FOLLOWS:

- IN CONCRETE OR MASONRY WALLS WHERE THE PENETRATING ITEM IS A MAXIMUM 6-INCH NOMINAL DIAMETER AND THE AREA OF THE OPENING THROUGH THE WALL DOES NOT EXCEED 144 SQUARE INCHES, CONCRETE, GROUT OR MORTAR IS PERMITTED WHERE IT IS INSTALLED THE FULL THICKNESS OF THE WALL OR THE THICKNESS REQUIRED TO MAINTAIN THE FIRE-RESISTANCE RATINGS, OR
- THE MATERIAL USED TO FILL THE ANNULAR SPACE SHALL PREVENT THE PASSAGE OF FLAME AND HOT GASES SUFFICIENT TO IGNITE COTTON WASTE WHEN SUBJECTED TO ASTM E119 OR UL 263 TIME-TEMPERATURE FIRE CONDITIONS UNDER A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH (2.48 PA) OF WATER AT THE LOCATION OF THE PENETRATION FOR THE TIME PERIOD EQUIVALENT TO THE FIRE-RESISTANCE RATING OF THE CONSTRUCTION PENETRATED.



FIELD SET

LEGEND

ROOMS W/ 1-HOUR REQUIRED SEPARATION	
1 HR. CORRIDOR	
1 HR. WALL	
2 HR. WALL	
PRIMARY SECURITY PERIMETER	
EGRESS PATH	
ACCESSIBLE PATH OF TRAVEL	

**NEVADA COUNTY YOUTH CENTER
DISPATCH REMODEL**

15434 CA-49
NEVADA CITY, CA 95959
APN: 005-050-015

ID	NAME	DATE
1	SUBMITTAL	7/31/20
1	REV 1	9/29/20

SCALE: AS NOTED
DRAWN BY: RPD
CHECKED BY: RPD
JOB: 2019.17

EGRESS & ACCESSIBILITY PLAN

A2.2

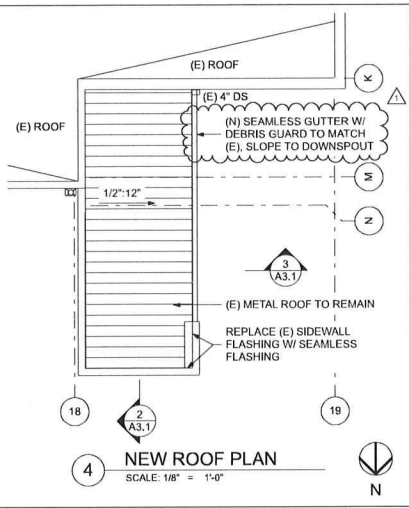
I:\Users\jstall\Dropbox\Projects\Current\2019.17. NC Juvenile Hall Dispatch\Arch\CA\Current\NCH Dispatch.dgn

DOOR SCHEDULE										
ID	ROOM	LOCATION	W	H	FRAME	DOOR MATERIAL	DOOR FINISH	FIRE RATING	NOTES	
01		INT	3'-0"	7'-0"	TIMELY MASONRY	STEEL	KM4903 ZINK DUST	CC905 BLACK NICKEL	20 MIN	
02		INT	3'-0"	7'-0"	TIMELY TA-23	SC WOOD	KM4903 ZINK DUST	CC905 BLACK NICKEL	20 MIN	
03		EXT	3'-0"	7'-0"	TBD	STEEL	KM4903 ZINK DUST	CC905 BLACK NICKEL	45 MIN	
04		INT	3'-0"	7'-0"	TIMELY TA-23	STEEL	KM4903 ZINK DUST	CC905 BLACK NICKEL	20 MIN	
05		INT	3'-0"	7'-0"					N/A	(E)
06		INT	3'-0"	7'-0"					N/A	(E)

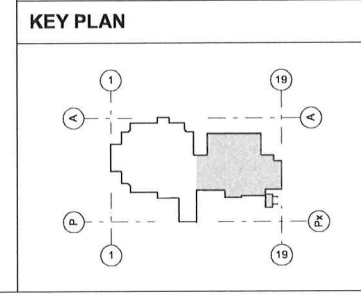
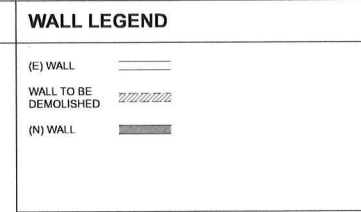
HARDWARE SCHEDULE											
DOOR #	ROOM	THRESHOLD PERMID 1710A	CLOSER, NORTON, 7500	CLOSER, NORTON, 7100 OR EQ.	ELECTRIC STRIKE	LOCKSET, SCHLAGE NO80PD, 2.3/4 BACKSET	SCHLAGE C KEYWAY, KEYING BY OWNER	HID RP40 CARD READER - IN	HID RP40 CARD READER - OUT	HID RPK40 CARD READER - OUT	NONREMOVABLE PIN HINGES
01	169 VESTIBULE				X	X	X	X			
02	178 CORRIDOR				X	X	X	X			
03	200 SERVER ROOM	X	X		X	X	X		X	X	
04	170 DISPATCH			X	X	X	X	X			
05	160 RECEPTION							X	X		
06	158 VIST. ENT.							X		X	

NOTES:
 1. PROVIDE HARDWARE SCHEDULE SUBMITTAL AFTER VERIFYING ALL LOCK FUNCTIONS, STYLE, FINISH, ADDITIONAL HARDWARE, AND LOCATION W/ OWNER.
 2. VERIFY KEYING W/ OWNER.

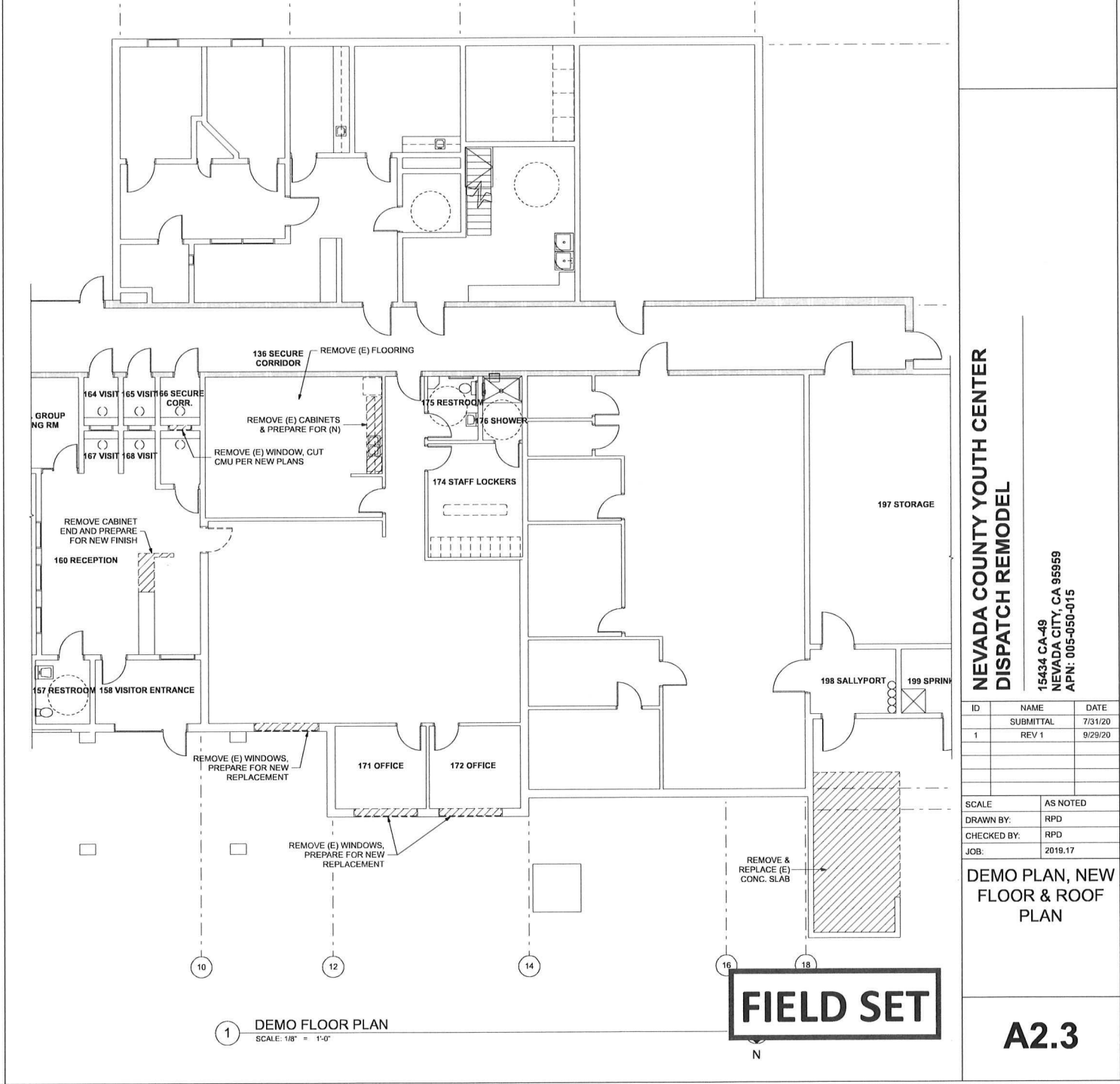
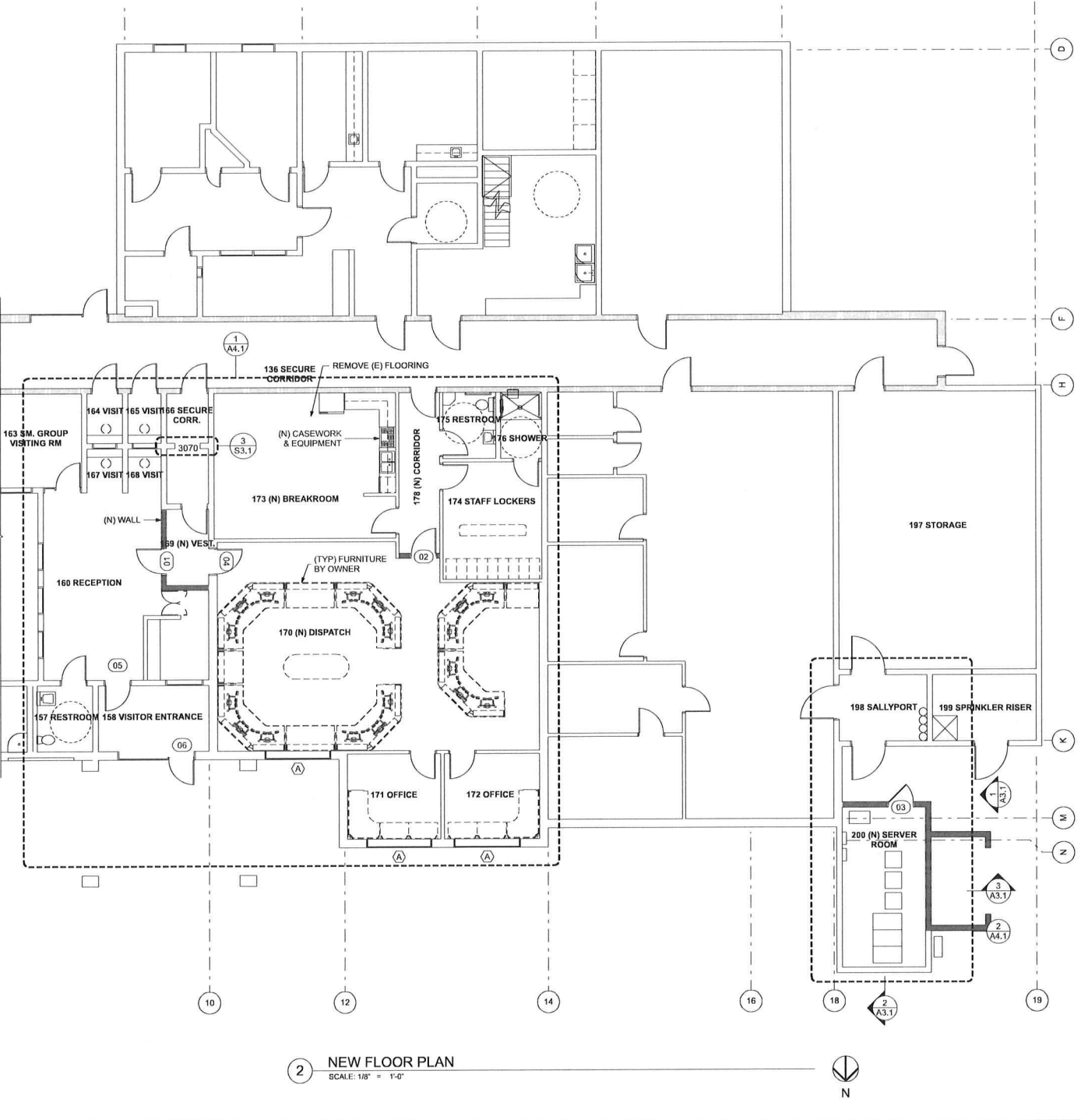
WINDOW SCHEDULE						NOTES
ID	QTY	W	H	HDR	MFR / MODEL	
A	3	8'-0"	5'-0"	7'-0"		LEVEL 3 RESISTANCE BALLISTICS GLASS. 1 1/8" THICK TEMPORED / POLYCARBONATE GLASS UNIT. MIRRORPANE ONE WAY VISION. PROVIDE VERTICAL BLINDS EA. WINDOW.



- NOTES**
- THESE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. ADDITIONAL DATA SHALL BE FROM THE ARCHITECT THROUGH WRITTEN CLARIFICATION ONLY. VERIFY ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS BEFORE PROCEEDING WITH ANY PORTION OF ANY WORK.
 - PROVIDE LEVER TYPE DOOR HANDLES, OPERABLE BY A SINGLE EFFORT WITH NO GRASPING OR HAND MOVEMENT REQUIRED. INTERIOR DOORS: 5 LBS FIRE DOORS: 15 LBS EXTERIOR DOORS: 8" TYPE 'X'
 - PROVIDE SIGNAGE AT ALL ROOMS PER CBC 11B-216.2
 - AUTOMATIC SPRINKLER SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF NFPA 13. PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE FIRE-STOPPED. FIRE STOPPING SHALL BE APPROVED MATERIAL AS PRESCRIBED IN CBC 714. INSTALLATION OF THE SPRINKLER SYSTEM SHALL NOT BE STARTED UNTIL COMPLETE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED BY THE LOCAL FIRE DEPARTMENT AT VARIOUS STAGES AND AT COMPLETION THE SYSTEM SHALL BE TESTED IN THE PRESENCE OF THE ENFORCING AGENCY.
 - PROVIDE 5/8" WATER RESISTANT GYPSUM WALLBOARD AT ALL WET LOCATIONS INCLUDING ON WALLS BEHIND ALL PLUMBING FIXTURES.
 - PROVIDE CONCEALED CONTINUOUS 6" WIDE 16 GA. STEEL WALL REINFORCING FOR ALL WALL-MOUNTED EQUIPMENT, UPPER CABINETS, GRAB BARS, ETC.
 - PROVIDE VERTICAL BLINDS AT ALL NEW EXTERIOR WINDOWS.
 - FLAME SPREAD OF INTERIOR FINISHES SHALL BE CLASS III OR BETTER.
 - ALL GYPSUM WALLBOARD TO BE 5/8" TYPE 'X'



RUSSELL DAVIDSON
 ARCHITECTURE + DESIGN



FIELD SET

**NEVADA COUNTY YOUTH CENTER
 DISPATCH REMODEL**

15434 CA-49
 NEVADA CITY, CA 95959
 APN: 005-050-015

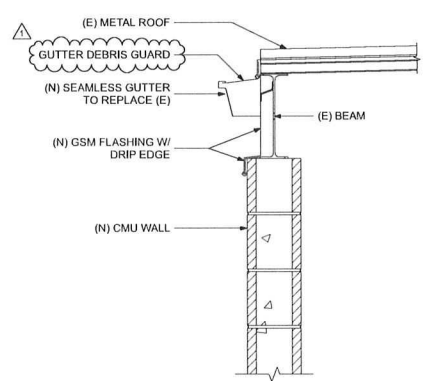
ID	NAME	DATE
1	SUBMITTAL	7/31/20
	REV 1	9/29/20

SCALE: AS NOTED
 DRAWN BY: RPD
 CHECKED BY: RPD
 JOB: 2019.17

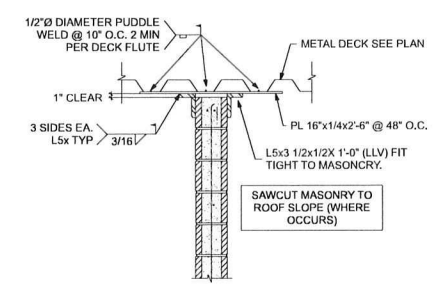
DEMO PLAN, NEW FLOOR & ROOF PLAN

A2.3

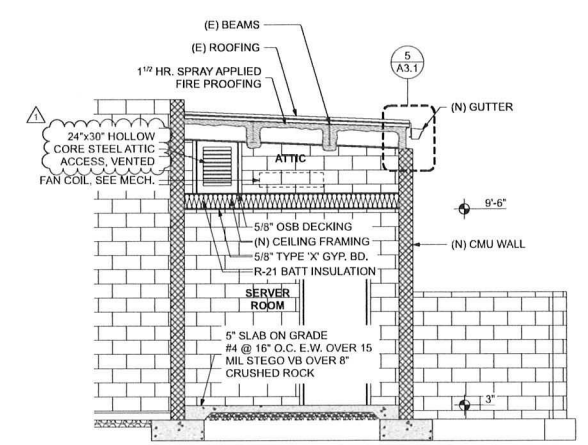
I:\Users\jstall\Dropbox\Projects\Current\2015.17 NC Juvenile Hall Dispatch\Arch\CAD\Current\NCJH Dispatch.rvt
 9/29/20



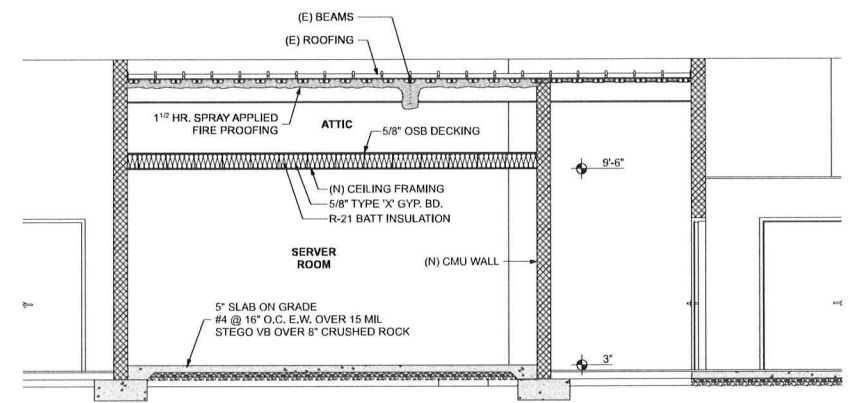
5 (N) CMU WALL FLASHING
SCALE: 1" = 1'-0"



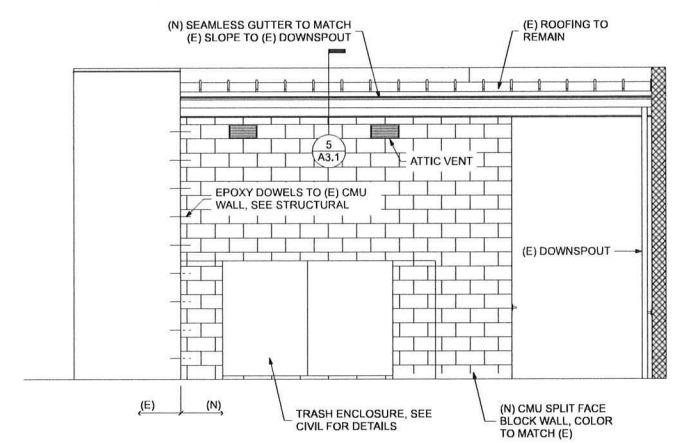
4 CMU TO ROOF
SCALE: 3/4" = 1'-0"



3 SECTION
SCALE: 1/4" = 1'-0"



2 SECTION
SCALE: 1/4" = 1'-0"



1 EAST ELEVATION
SCALE: 1/4" = 1'-0"

NOTES

1. THROUGH PENETRATIONS OF FIRE-RESISTANCE-RATED WALLS SHALL COMPLY WITH THE FOLLOWING:
 - A. PENETRATIONS SHALL BE INSTALLED AS TESTED IN AN APPROVED FIRE-RESISTANCE-RATED ASSEMBLY.
 - B. THROUGH PENETRATIONS SHALL BE PROTECTED BY AN APPROVED PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E814 OR UL 1479, WITH A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH (2.49 PA) OF WATER AND SHALL HAVE AN F RATING OF NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL PENETRATED.
- EXCEPTION: WHERE THE PENETRATING ITEMS ARE STEEL, FERROUS OR COPPER PIPES, TUBES OR CONDUITS, THE ANNULAR SPACE BETWEEN THE PENETRATING ITEM AND THE FIRE-RESISTANCE-RATED WALL IS PERMITTED TO BE PROTECTED AS FOLLOWS:
- I. IN CONCRETE OR MASONRY WALLS WHERE THE PENETRATING ITEM IS A MAXIMUM 6-INCH NOMINAL DIAMETER AND THE AREA OF THE OPENING THROUGH THE WALL DOES NOT EXCEED 144 SQUARE INCHES, CONCRETE, GROUT OR MORTAR IS PERMITTED WHERE IT IS INSTALLED THE FULL THICKNESS OF THE WALL OR THE THICKNESS REQUIRED TO MAINTAIN THE FIRE-RESISTANCE RATING, OR
 - II. THE MATERIAL USED TO FILL THE ANNULAR SPACE SHALL PREVENT THE PASSAGE OF FLAME AND HOT GASES SUFFICIENT TO IGNITE COTTON WASTE WHEN SUBJECTED TO ASTM E119 OR UL 253 TIME-TEMPERATURE FIRE CONDITIONS UNDER A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH (2.49 PA) OF WATER AT THE LOCATION OF THE PENETRATION FOR THE TIME PERIOD EQUIVALENT TO THE FIRE-RESISTANCE RATING OF THE CONSTRUCTION PENETRATED.



**NEVADA COUNTY YOUTH CENTER
DISPATCH REMODEL**

15434 CA-49
 NEVADA CITY, CA 95959
 APN: 005-050-015

ID	NAME	DATE
1	SUBMITTAL	7/31/20
	REV 1	9/29/20

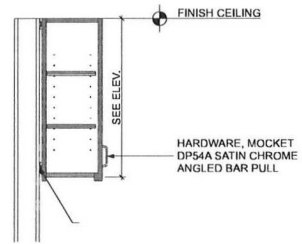
SCALE: AS NOTED
 DRAWN BY: RPD
 CHECKED BY: RPD
 JOB: 2019.17

**BUILDING
SECTIONS,
ELEVATIONS &
DETAILS**

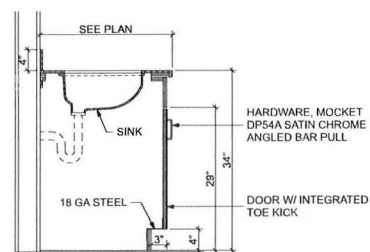
FIELD SET

A3.1

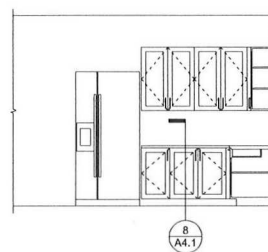
I:\Users\russell.davidson\Projects\Current\2019.17 NC Juvenile Hall Dispatch\Arch\CAD\Curren\NCHJH Dispatch.dwg
 8/25/20



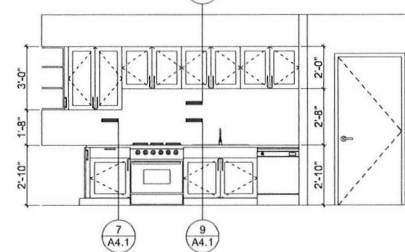
10 (TYP) UPPER CABINET
SCALE: 3/4" = 1'-0"



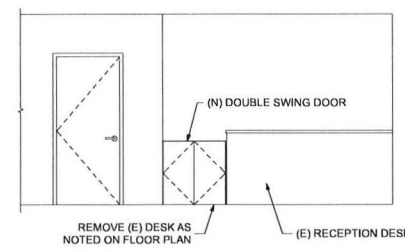
9 (TYP) SECTION @ SINK
SCALE: 3/4" = 1'-0"



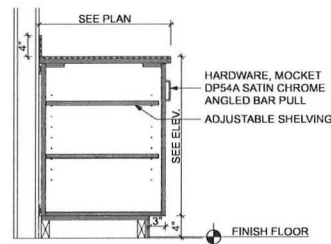
6 (N) BREAKROOM
SCALE: 1/4" = 1'-0"



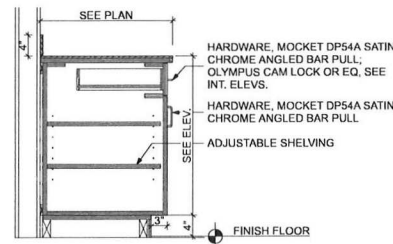
5 (N) BREAKROOM
SCALE: 1/4" = 1'-0"



4 RECEPTION DESK
SCALE: 1/4" = 1'-0"

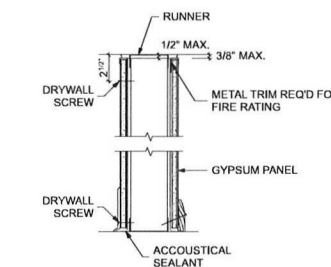


8 (TYP) CABINET
SCALE: 3/4" = 1'-0"

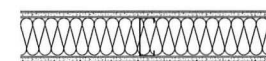


7 (TYP) CABINET W/ DRAWER
SCALE: 3/4" = 1'-0"

EQUIPMENT SCHEDULE					
#	DESCRIPTION	QTY	MFG.	MODEL	NOTES
E1	DISHWASHER	1	TBD	TBD	
E2	RANGE	1	FRIGIDAIRE	FPEF3077QF	30" ELECTRIC RANGE
E3	REFRIGERATOR	1	TBD	TBD	
E4	SINK	1	ELKAY	D233221	LK1000CR FAUCET



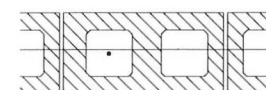
(TYP) PARTITION DETAILS



- STEEL STUDS @ 24" O.C.
- 5/8" GYPSUM BOARD ON EA. SIDE

TYPE	STUD WIDTH	ASSEMBLY WIDTH
A4	3 5/8"	4 7/8"
A6	5 1/2"	6 3/4"

A 1 LAYER GB EACH SIDE

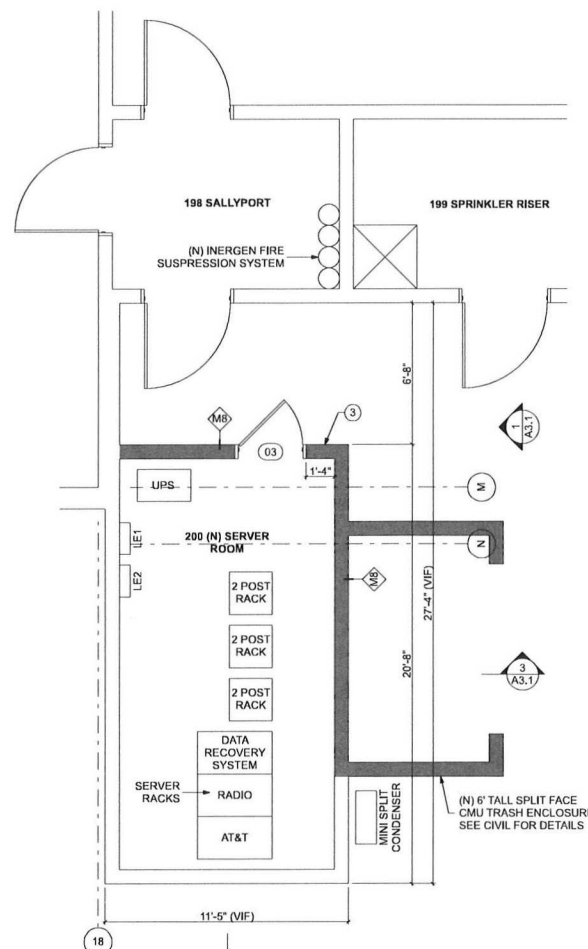


- 8x16 CMU BLOCK

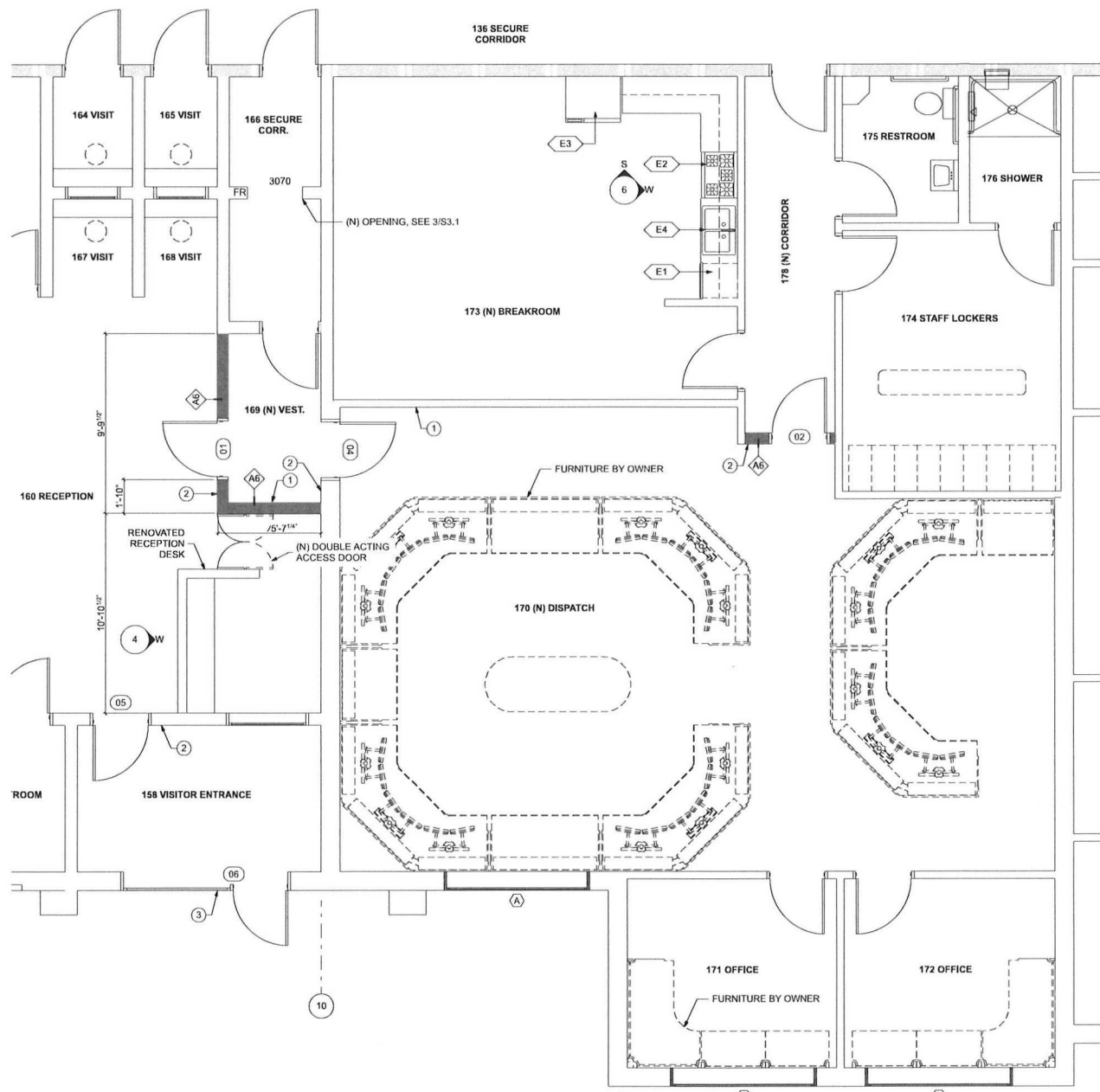
TYPE	BLOCK WIDTH	ASSEMBLY WIDTH
A8	7 5/8"	7 5/8"

M CMU BLOCK WALL

3 PARTITION SCHEDULE
SCALE: 1 1/2" = 1'-0"



2 ENLARGED NEW FLOOR PLAN
SCALE: 1/4" = 1'-0"



1 ENLARGED NEW FLOOR PLAN
SCALE: 1/4" = 1'-0"

NOTES

- SEE (TYP) ACCESSIBILITY DETAILS FOR DOOR CLEARANCES
 - THROUGH PENETRATIONS OF FIRE-RESISTANCE-RATED WALLS SHALL COMPLY WITH THE FOLLOWING:
 - PENETRATIONS SHALL BE INSTALLED AS TESTED IN AN APPROVED FIRE-RESISTANCE-RATED ASSEMBLY.
 - THROUGH PENETRATIONS SHALL BE PROTECTED BY AN APPROVED PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E814 OR UL 1479, WITH A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH (2.49 PA) OF WATER AND SHALL HAVE AN F RATING OF NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL PENETRATED.
- EXCEPTION: WHERE THE PENETRATING ITEMS ARE STEEL, FERROUS OR COPPER PIPES, TUBES OR CONDUITS, THE ANNULAR SPACE BETWEEN THE PENETRATING ITEM AND THE FIRE-RESISTANCE-RATED WALL IS PERMITTED TO BE PROTECTED AS FOLLOWS:
- IN CONCRETE OR MASONRY WALLS WHERE THE PENETRATING ITEM IS A MAXIMUM 6-INCH NOMINAL DIAMETER AND THE AREA OF THE OPENING THROUGH THE WALL DOES NOT EXCEED 144 SQUARE INCHES, CONCRETE, GROUT OR MORTAR IS PERMITTED WHERE IT IS INSTALLED THE FULL THICKNESS OF THE WALL OR THE THICKNESS REQUIRED TO MAINTAIN THE FIRE-RESISTANCE RATING; OR
 - THE MATERIAL USED TO FILL THE ANNULAR SPACE SHALL PREVENT THE PASSAGE OF FLAME AND HOT GASES SUFFICIENT TO IGNITE COTTON WASTE WHEN SUBJECTED TO ASTM E119 OR UL 263 TIME-TEMPERATURE FIRE CONDITIONS UNDER A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 INCH (2.49 PA) OF WATER AT THE LOCATION OF THE PENETRATION FOR THE TIME PERIOD EQUIVALENT TO THE FIRE-RESISTANCE RATING OF THE CONSTRUCTION PENETRATED.

PLAN KEYNOTES

- (N) POWER DOOR OPENER FOR ADA ACCESS. TIED TO CARD ACCESS KEYPAD, WIKK INGRESSR S-124-0.
 - (N) CARD READER WITH KEYPAD, HID MULTICLASS SE RP40. CONNECT TO (N) AVIGILON CONTROLLER IN (N) SERVER ROOM. AND TIE IN COMMISSIONING TO (E) COUNTY ANIGILON ACCESS CONTROL SYSTEM.
 - (N) CARD READER WITH KEYPAD, HID MULTICLASS SE RP40. CONNECT TO (N) AVIGILON CONTROLLER IN (N) SERVER ROOM AND TIE IN COMMISSIONING TO (E) COUNTY ANIGILON ACCESS CONTROL SYSTEM.
 - ANSUL FIRE SUPPRESSION SYSTEM
- INERGEN CLEAN AGENT FIRE SUPPRESSION AGENT FOR COMPUTER ROOMS. INCLUDE A COMPLETE FIRE SUPPRESSION SYSTEM TO COVER NEW SERVER ROOM INSTALLED AND TESTED TO MANUFACTURES SPECIFICATIONS. CONTRACTOR SHALL SUBMIT THE NECESSARY DOCUMENTS FOR PERMITTING AND TIE THE NEW SYSTEM TO THE EXISTING FIRE ALARM SYSTEM AND PROVIDE ANY TRAINING REQUIRED BY MANUFACTURER FOR MAINTENANCE AND USER PERSONNEL.

WALL LEGEND

- (E) WALL
- (N) WALL

FIELD SET A4.1

RUSSELL DAVIDSON
ARCHITECTURE + DESIGN



NEVADA COUNTY YOUTH CENTER
DISPATCH REMODEL

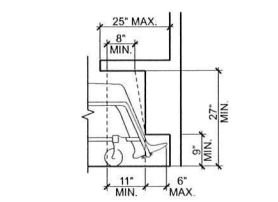
15434 CA-49
NEVADA CITY, CA 95959
APN: 005-050-015

ID	NAME	DATE
	SUBMITTAL	7/31/20

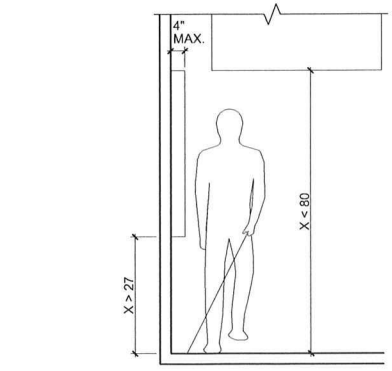
SCALE AS NOTED
DRAWN BY: RPD
CHECKED BY: RPD
JOB: 2019.17

ENLARGED NEW FLOOR PLAN, INTERIOR ELEVATIONS

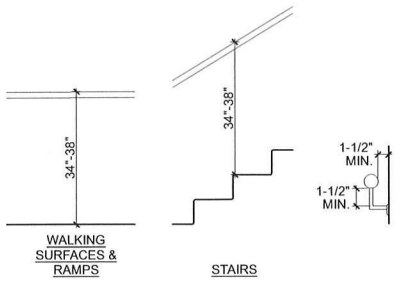
9/29/20
 I:\Users\jstall\Dropbox\Projects\2015\17_NC_Juvenile_Hall_Digital\Arch\CAD\Curren\NCHJ_Dispatch.dwg



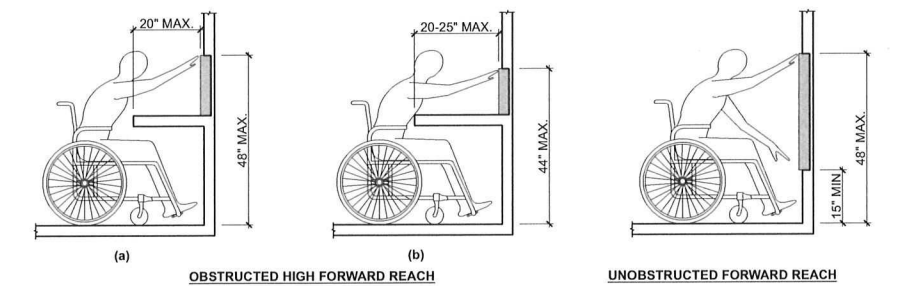
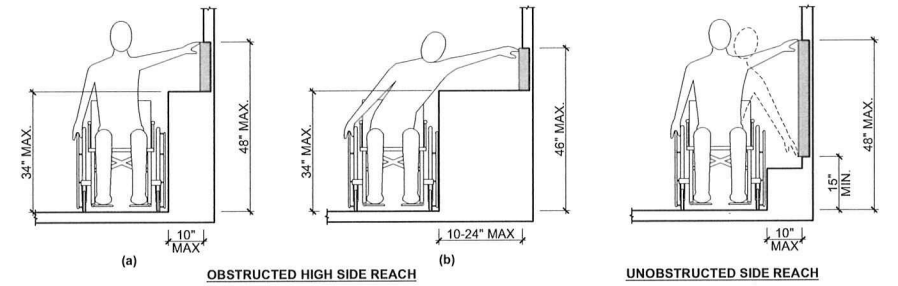
12 KNEE SPACE
 SCALE: 1/2" = 1'-0"



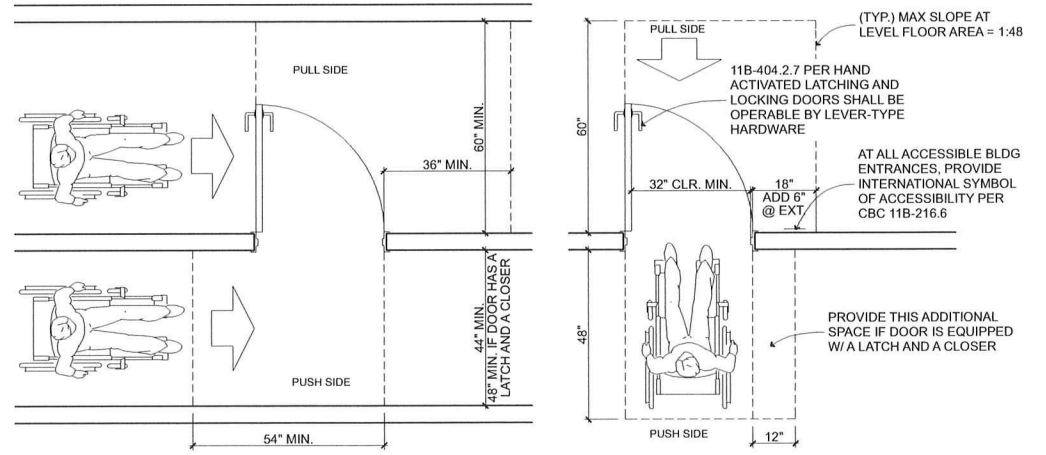
11 LIMITS OF PROTRUDING OBJECTS
 SCALE: 1/2" = 1'-0"



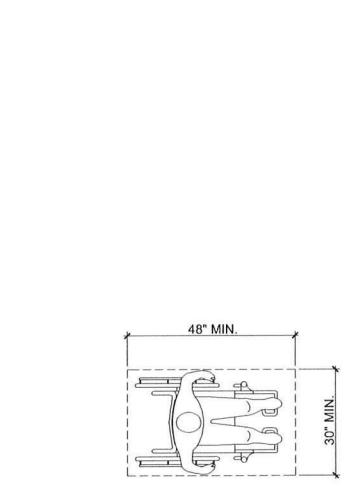
10 HANDRAIL HEIGHT & CLEARANCE
 SCALE: 1/2" = 1'-0"



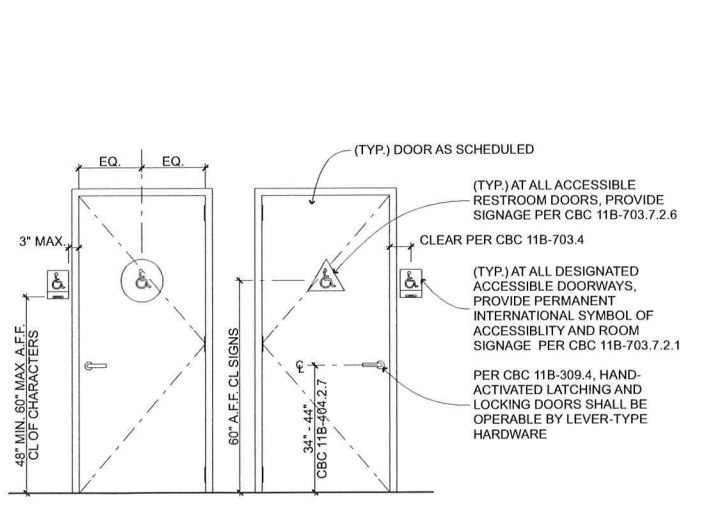
9 FORWARD & SIDE REACH
 SCALE: 1/2" = 1'-0"



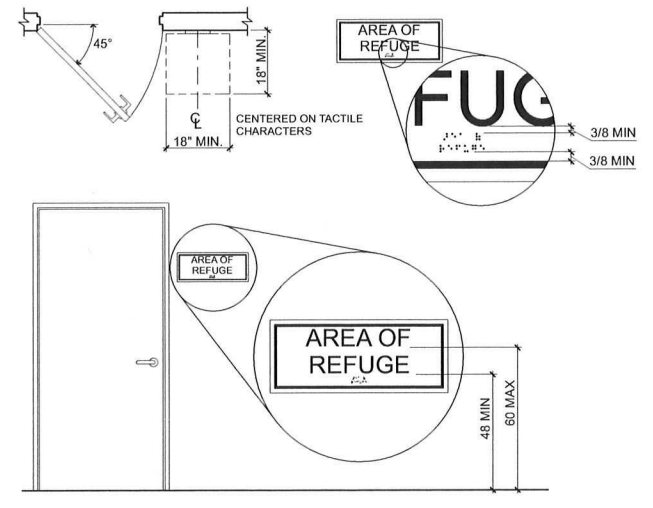
8 LEVEL MANUEVERING CLEARANCE AT DOORS
 SCALE: 1/2" = 1'-0"



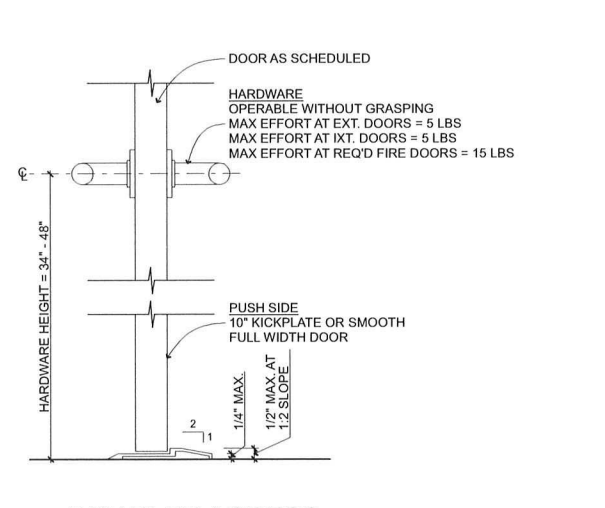
4 CLEAR FLOOR SPACE
 SCALE: 1/2" = 1'-0"



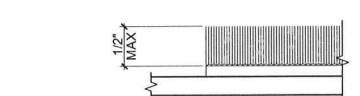
7 DISABLED ACCESS DOOR SIGNAGE
 SCALE: 1/2" = 1'-0"



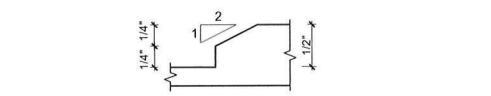
6 TACTILE SIGNAGE
 SCALE: 1/2" = 1'-0"



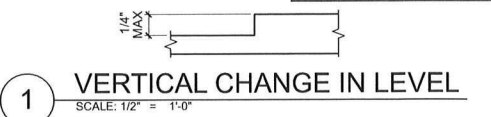
5 DISABLED ACCESS DOOR THRESHOLD
 SCALE: 3\"/>



3 CARPET PILE HEIGHT
 SCALE: 1/2" = 1'-0"



2 BEVELED CHANGE IN LEVEL
 SCALE: 1/2" = 1'-0"



1 VERTICAL CHANGE IN LEVEL
 SCALE: 1/2" = 1'-0"

- ACCESSIBILITY NOTES:**
- A CLEAR OPENING OF 32 INCHES WITH THE DOOR OPEN 90 DEGREES MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP.
 - WHERE THE DOORS ARE LOCATED WITHIN THE ACCESSIBLE ROUTE, THE DOOR LANDING IS REQUIRED TO HAVE A DEPTH CLEARANCE OF 60 INCHES MINIMUM IN THE DIRECTION OF THE DOOR SWING. THE DEPTH CLEARANCE SHALL BE 48 INCHES IN THE OPPOSITE DIRECTION OF DOOR SWING OR:
 - IF APPROACH CAN BE MADE FROM THE LATCH SIDE, THE CLEARANCE DEPTH CAN BE 44 INCHES IF THE DOOR HAS NO CLOSER.
 - IF APPROACH CAN BE MADE FROM THE STRIKE SIDE AND THE DOOR, THE CLEARANCE DEPTH CAN BE 44 INCHES IF IT HAS NEITHER LATCH NOR CLOSER (CBC 1003.3.3.2)
 - DOORS SHALL BE EQUIPPED WITH SINGLE-EFFORT, NON-GRASP HARDWARE (I.E., LEVER) CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR AND THE DOOR SHALL HAVE A 10" KICK-PLATE. (CBC 11B-404.2.7, 11B-404.2.10)
 - THE FORCE FOR PUSHING OR PULLING OPEN EXTERIORS ACCESSIBLE EGRESS DOORS IS 5 LB. AND 15 LB AT REQUIRED FIRE DOORS. (CBC 11B-404.2.9)
 - LANDINGS AT DOORS SHALL BE LEVEL EXCEPT THAT EXTERIOR DOOR LANDINGS MAY HAVE A SLOPE NOT TO EXCEED 1/4" PER FT (2% SLOPE). (CBC 11B-404.2.4)
 - WHEN THE ACCESSIBLE DOOR HAS A CLOSER, THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MIN. (CBC 11B-404.2.8.1)
 - WHERE THERE IS A DOORMAT, ACCESSIBILITY WILL BE MAINTAINED AND THE DOORMAT SHALL BE SECURELY ATTACHED; EXPOSED EDGES SHALL BE FASTENED TO FLOOR SURFACES AND HAVE A TRIM ALONG ENTIRE LENGTH OF THE EXPOSED EDGE. PILE HEIGHT SHALL BE NO MORE THAN 1/2". CHANGES IN LEVEL OF 1/4" MAX SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT. (CBC 11B-303 AND CBC 11B-302.2)
 - 4" STRIKE SIDE X 60" DEEP CLEARANCE AT EXTERIOR DOORS. THE TOTAL CLEARANCE DIMENSIONS ON THE PULL SIDE OF THE DOOR ARE 60" X 60" (36" DOOR WIDTH PLUS 24" SIDE STRIKE). (CBC 11B-404.2.4)
 - EXIT DOORS SHALL HAVE WITH AN ILLUMINATED EXIT SIGN AND TACTILE SIGNAGE WITH SPECIAL PROVISIONS PER (CBC 1007.9)
 - MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS OR ANY OTHER TYPE OF DEVICE THAT MAY BE USED TO CLOSE OR RESTRAIN THE DOOR OTHER THAN OPERATION OF THE LOCKING DEVICE SHALL NOT BE USED PER CBC 1008.1.9.4
 - EXIT DOORS ARE TO BE OPENABLE FROM INSIDE WITHOUT USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT. HOWEVER, KEY-LOCKING HARDWARE MAY BE USED ON THE MAIN EXIT WHEN THE MAIN EXIT DOOR HAS A DURABLE SIGN ON OR ADJACENT TO THE DOOR STATING THIS DOOR MUST REMAIN UNLOCKED DURING BUSINESS HOURS. THE SIGN SHALL BE IN LETTERS NOT LESS THAN ONE INCH HIGH ON A CONTRASTING BACKGROUND. WHEN UNLOCKED, THE DOOR MUST BE FREE TO SWING WITHOUT OPERATION OF ANY LATCHING DEVICE. (CBC 1008.1.9.3)
 - FLOORS AND WALL BASE FINISH MATERIALS. IN OTHER THAN DWELLING UNITS, TOILET, BATHING AND SHOWER ROOM FLOOR FINISH MATERIALS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE. THE INTERSECTIONS OF SUCH FLOORS WITH WALLS SHALL HAVE A SMOOTH, HARD, NONABSORBENT VERTICAL BASE THAT EXTENDS UPWARD ONTO THE WALLS AT LEAST 4 INCHES. (CBC 1210.2.1)
 - WALLS AND PARTITIONS. WALLS AND PARTITIONS WITHIN 2 FEET OF URINALS AND WATER CLOSETS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF 4 FEET ABOVE THE FLOOR, AND EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALLS SHALL BE OF A TYPE THAT IS NOT ADVERSELY AFFECTED BY MOISTURE. (CBC 1210.2)
- EXCEPTIONS:**
- DWELLING UNITS AND SLEEPING UNITS.
 - TOILET ROOMS THAT ARE NOT ACCESSIBLE TO THE PUBLIC AND WHICH HAVE NOT MORE THAN ONE WATER CLOSET. ACCESSORIES SUCH AS GRAB BARS, TOWEL BARS, PAPER DISPENSERS AND SOAP DISHES, PROVIDED ON OR WITHIN WALLS, SHALL BE INSTALLED AND SEALED TO PROTECT STRUCTURAL ELEMENTS FROM MOISTURE. (CBC 2010.2)



NEVADA COUNTY YOUTH CENTER
 DISPATCH REMODEL

15434 CA-49
 NEVADA CITY, CA 95959
 APN: 005-050-015

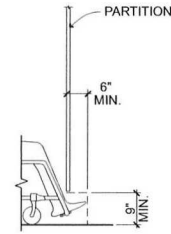
ID	NAME	DATE
	SUBMITTAL	7/31/20

SCALE: AS NOTED
 DRAWN BY: RPD
 CHECKED BY: RPD
 JOB: 2019.17

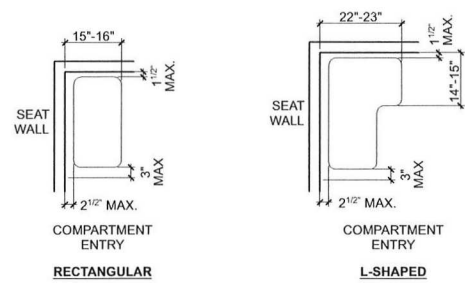
TYPICAL ACCESSIBILITY DETAILS

FIELD SET

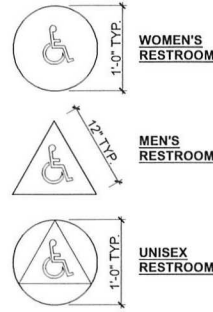
A5.1



8 TOILET COMPARTMENT TOE CLEARANCE
SCALE: 1/2" = 1'-0"



7 SHOWER COMPARTMENT SEAT
SCALE: 1/2" = 1'-0"



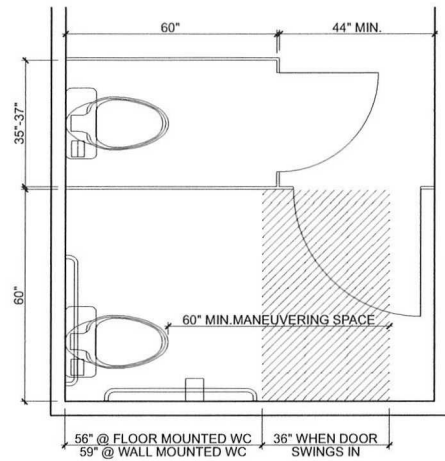
6 (TYP.) PUBLIC RESTROOM SIGNAGE
SCALE: 1" = 1'-0"

RESTROOM SIGNAGE NOTES:

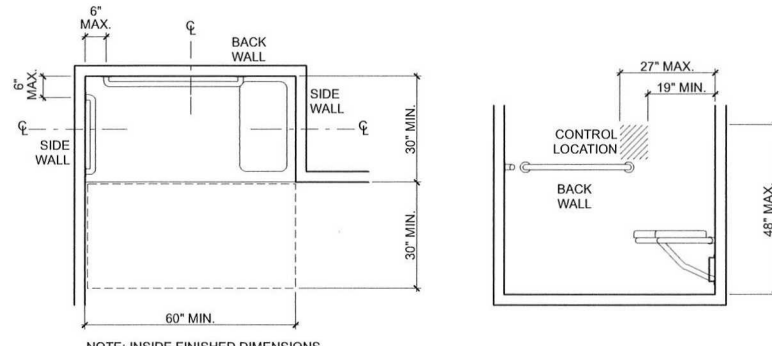
- SIGNAGE SHALL BE MOUNTED 60" ABOVE FINISH FLOOR TYP. U.O.N.
- WOMEN'S AND MEN'S DOOR SIGNAGE TO BE 1/4" THICK WITH PICTOGRAM, UNISEX SIGNAGE TO BE 1/4" THICK TRIANGLE ON 1/4" THICK CIRCLE WITH PICTOGRAM. 11B-703.7.2.6
- TITLE 24 RECOMMENDS NO RAISED PICTOGRAM, BRAILLE OR LETTERS ON CIRCLE / TRIANGLE DOOR SIGNS

ACCESSIBILITY NOTES:

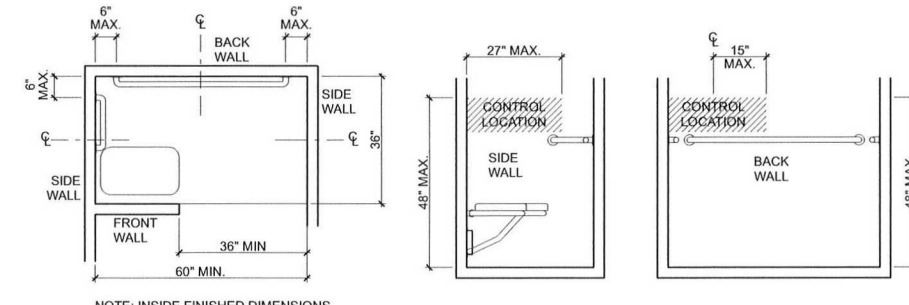
- ALL DRINKING FOUNTAINS SHALL EITHER BE LOCATED COMPLETELY WITHIN ALCOVES, POSITIONED COMPLETELY BETWEEN WING WALLS, OR OTHERWISE POSITIONED SO AS NOT TO ENCRoACH INTO PEDESTRIAN WAYS. THE PROTECTED AREA WITHIN WHICH A DRINKING FOUNTAIN IS LOCATED SHALL BE 32 INCHES WIDE MINIMUM AND 18 INCHES DEEP MINIMUM, AND SHALL COMPLY WITH SECTION 11B-305.7. WHEN USED, WING WALLS OR BARRIERS SHALL PROJECT HORIZONTALLY AT LEAST AS FAR AS THE DRINKING FOUNTAIN AND TO WITHIN 6 INCHES VERTICALLY FROM THE FLOOR OR GROUND SURFACE. (11B-602.9)
- THE REQUIRED CLEARANCE AROUND THE WATER CLOSET SHALL BE PERMITTED TO OVERLAP THE WATER CLOSET, ASSOCIATED GRAB BARS, DISPENSERS, SANITARY NAPKIN DISPOSAL UNITS, COAT HOOKS, SHELVES, ACCESSIBLE ROUTES, CLEAR FLOOR SPACE AND CLEARANCES REQUIRED AT OTHER FIXTURES, AND THE TURNING SPACE. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE LOCATED WITHIN THE REQUIRED WATER CLOSET CLEARANCE. (11B-604.3.2)
- FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTION 11B-309 EXCEPT THEY SHALL BE LOCATED 44 INCHES MAXIMUM ABOVE THE FLOOR. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH SECTION 11B-604.8.2. (11B-604.6)
- TOILET PAPER DISPENSERS SHALL COMPLY WITH SECTION 11B-309.4 AND SHALL BE 7 INCHES MINIMUM AND 9 INCHES MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE BELOW THE GRAB BAR, 19 INCHES MINIMUM ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND GRAB BARS. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROLS DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW. (11B-604.7)
- TOILET COMPARTMENT DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH SECTION 11B-404 EXCEPT THAT IF THE APPROACH IS FROM THE PUSH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 48 INCHES MINIMUM MEASURED PERPENDICULAR TO THE COMPARTMENT DOOR IN ITS CLOSED POSITION. DOORS SHALL BE LOCATED IN THE FRONT PARTITION OR IN THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET, WHERE LOCATED IN THE FRONT PARTITION, THE DOOR OPENING SHALL BE 4 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET, WHERE LOCATED IN THE SIDE WALL OR PARTITION, THE DOOR OPENING SHALL BE 4 INCHES MAXIMUM FROM THE FRONT PARTITION. THE DOOR SHALL BE SELF-CLOSING. A DOOR PULL COMPLYING WITH SECTION 11B-404.2.7 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE. DOORS MAY SWING INTO THAT PORTION OF MANEUVERING SPACE WHICH DOES NOT OVERLAP THE CLEARANCE REQUIRED AT A WATER CLOSET. (11B-604.8.1.2)
- A SHOWER SPRAY UNIT WITH A HOSE 59 INCHES LONG MINIMUM THAT CAN BE USED BOTH AS A FIXED-POSITION SHOWER HEAD AND AS A HANDHELD SHOWER SHALL BE PROVIDED. THE SHOWER SPRAY UNIT SHALL HAVE AN ON/OFF CONTROL WITH A NON-POSITIVE SHUT-OFF. IF AN ADJUSTABLE-HEIGHT SHOWER HEAD ON A VERTICAL BAR IS USED, THE BAR SHALL BE INSTALLED SO AS NOT TO OBSTRUCT THE USE OF GRAB BARS. SHOWER SPRAY UNITS SHALL DELIVER WATER THAT IS 120 F (49°C) MAXIMUM. (11B-605.6)
- THRESHOLDS IN ROLL-IN TYPE SHOWER COMPARTMENTS SHALL BE 1/2 INCH HIGH MAXIMUM IN ACCORDANCE WITH SECTION 11B-303. (11B-605.7)
- SHOWER FLOOR OR GROUND SURFACE. FLOOR OR GROUND SURFACES OF SHOWERS SHALL COMPLY WITH SECTION 11B-302.1 AND SHALL BE SLOPED 1:48 MAXIMUM IN ANY DIRECTION, WHERE DRAINS ARE PROVIDED, GRATE OPENINGS SHALL BE 1/4 INCH MAXIMUM AND FLUSH WITH THE FLOOR SURFACE. (11B-605.9)
- A SEAT IN A STANDARD ROLL-IN SHOWER COMPARTMENT SHALL BE A FOLDING TYPE, SHALL BE INSTALLED ON THE SIDE WALL ADJACENT TO THE CONTROLS, AND SHALL EXTEND FROM THE BACK WALL TO A POINT WITHIN 3 INCHES OF THE COMPARTMENT ENTRY. A SEAT IN AN ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENT SHALL BE A FOLDING TYPE, SHALL BE INSTALLED ON THE FRONT WALL OPPOSITE THE BACK WALL, AND SHALL EXTEND FROM THE ADJACENT SIDE WALL TO A POINT WITHIN 3 INCHES OF THE COMPARTMENT ENTRY. THE TOP OF THE SEAT SHALL BE 17 INCHES MINIMUM AND 19 INCHES MAXIMUM ABOVE THE BATHROOM FINISH FLOOR. WHEN FOLDED, THE SEAT SHALL EXTEND 6 INCHES MAXIMUM FROM THE MOUNTING WALL. SEATS SHALL COMPLY WITH SECTION 11B-610.3.1 OR 11B-610.3.2. (11B-610.3)



5 (TYP.) MULTI-OCCUPANCY RESTROOM
SCALE: 1/2" = 1'-0"

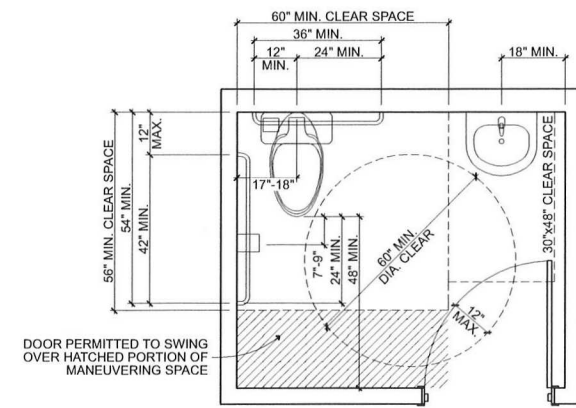


4 ROLL-IN TYPE SHOWER COMPARTMENT
SCALE: 1/2" = 1'-0"

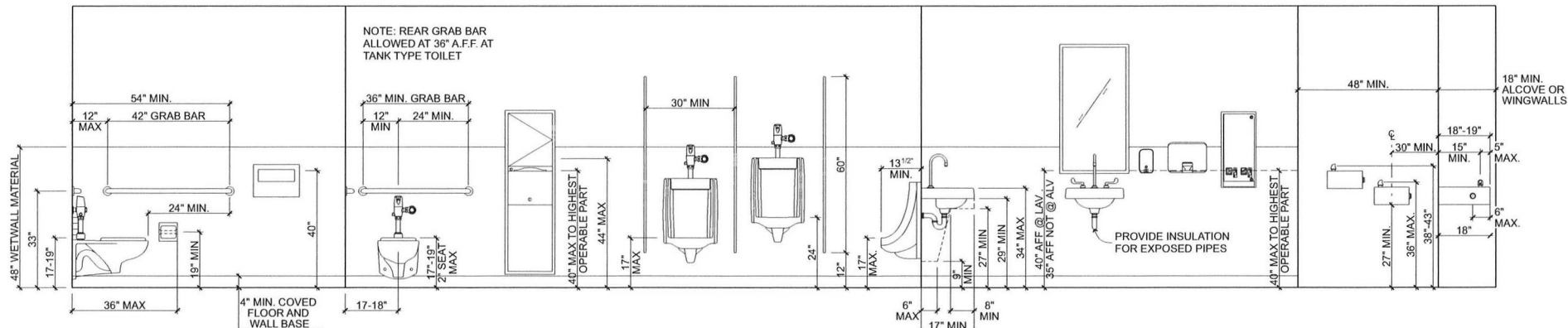


3 ALTERNATE ROLL-IN TYPE SHOWER COMPARTMENT
SCALE: 1/2" = 1'-0"

FIELD SET



2 (TYP.) ACCESSIBLE RESTROOM
SCALE: 1/2" = 1'-0"



1 FIXTURE MOUNTING HEIGHTS
SCALE: 1/2" = 1'-0"



ID	NAME	DATE
	SUBMITTAL	7/31/20

SCALE: AS NOTED
DRAWN BY: RPD
CHECKED BY: RPD
JOB: 2019.17

ADMINISTRATIVE REQUIREMENTS

PART 1 GENERAL
PART 2 PRODUCTS - NOT USED
PART 3 EXECUTION
SUBMITTALS FOR REVIEW

When the following are specified in individual sections, submit them for review:
Product data.
Shop drawings.
Samples for selection.
Samples for verification.
Submit to Architect for review for the limited purpose of checking for compliance with information given and the design concept expressed in Contract Documents.

REINFORCEMENT AND ANCHORAGE

Water: Clean and potable.
Moisture-Resistant Admixture: Water repellent compound designed to reduce capillarity.
Integral Water Repellent Admixture for Mortar: Polymeric liquid admixture added to mortar at the time of manufacture.

FABRICATION

Assembly: Shop assemble cabinets for delivery to site in units easily handled and to permit passage through building openings.
Edging: Fit shelves, doors, and exposed edges with specified edging. Do not use more than one piece for any single length.
Fitting: When necessary to cut and fit on site, provide materials with ample allowance for cutting.

COMMON WORK RESULTS FOR FLOORING PREPARATION

Part 1 General
Part 2 Products
Part 3 Execution
Installation
Set and secure custom cabinets in place, assuring that they are rigid, plumb, and level.

RESILIENT TILE FLOORING

Part 1 General
Part 2 Products
Part 3 Execution
Installation
Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".

END OF SECTION

SECURITY PROCEDURES

Protect Work , existing premises and Owner's operations from theft, vandalism, and unauthorized entry.
Initiate program in coordination with Owner's existing security system at project mobilization.
Maintain program throughout construction period until Owner occupancy.

END OF SECTION

DEMOLITION

Part 1 General
Part 2 Products
Part 3 Execution
General Procedures and Project Conditions
Comply with applicable codes and regulations for demolition operations and safety of adjacent structures and the public.

END OF SECTION

DEBRIS AND WASTE REMOVAL

Remove debris, junk, and trash from site.
END OF SECTION

UNIT MASONRY

Part 1 General
Part 2 Products
Part 3 Execution
Concrete Masonry Units
Concrete Block: Comply with referenced standards and as follows:

MORTAR AND GROUT MATERIALS

Mortar and Grout: As specified in Section 040511.
Masonry Cement: ASTM C91/C91M, Type N.

Water: Clean and potable.
Moisture-Resistant Admixture: Water repellent compound designed to reduce capillarity.
Integral Water Repellent Admixture for Mortar: Polymeric liquid admixture added to mortar at the time of manufacture.
Packaged Dry Material for Mortar for Unit Masonry: Premixed Portland cement, hydrated lime, and sand; complying with ASTM C174/C174M and capable of producing mortar of the specified strength in accordance with ASTM C270 with the addition of water only.

REINFORCEMENT AND ANCHORAGE

Metal Flashing Materials: Stainless Steel, as specified in Section 076200.
Metal Flashing Materials:
Stainless Steel Flashing: ASTM A666, Type 304, soft temper; 26 gage, 0.0187 inch (0.48 mm) thick; finish 2B to 2D.
Prefabricated Metal Flashing: Smooth fabricated 12 oz/sq ft (3.66 kg/sq m) copper flashing for surface mounted conditions.

FABRICATION

Assembly: Shop assemble cabinets for delivery to site in units easily handled and to permit passage through building openings.
Edging: Fit shelves, doors, and exposed edges with specified edging. Do not use more than one piece for any single length.
Fitting: When necessary to cut and fit on site, provide materials with ample allowance for cutting.

COMMON WORK RESULTS FOR FLOORING PREPARATION

Part 1 General
Part 2 Products
Part 3 Execution
Installation
Set and secure custom cabinets in place, assuring that they are rigid, plumb, and level.

RESILIENT TILE FLOORING

Part 1 General
Part 2 Products
Part 3 Execution
Installation
Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".

END OF SECTION

ARCHITECTURAL WOOD CASEWORK

Part 1 General
Part 2 Products
Cabinets
Quality Standard: Custom Grade, in accordance with AWI/AWMA/CWI (AWS) or AWMAC/WI (NAAWS), unless noted otherwise.
Plastic Laminate Faced Cabinets: Custom grade.
Cabinets:
Finish - Exposed Exterior Surfaces: Pearl Soapstone #4886-38.
Casework Construction Type: Type A - Frameless.

WOOD-BASED COMPONENTS

Wood fabricated from old growth timber is not permitted.
LAMINATE MATERIALS
Thermally Fused Laminate (TFL): Melamine resin, NEMA LD 3, Type VGL laminate panels.
COUNTERTOPS
Countertops are specified in Section 123600.
Plastic Laminate Countertops: Medium density fiberboard substrate covered with HPDL, conventionally fabricated and self-edge banded.

ACCESSORIES

Adhesive: Type recommended by fabricator to suit application.
HARDWARE
Hardware: BHMA A156 9, types as recommended by fabricator for quality grade specified.
Adjustable Shelf Supports: Standard side-mounted system using recessed metal shelf standards or multiple holes for pin supports and coordinated self rests, polished chrome finish, for nominal 1 inch (25 mm) spacing adjustments.
Drawer and Door Pulls: "U" shaped wire pull, steel with chrome finish, 4 inch centers ("U" shaped wire pull, steel with chrome finish, 100 mm centers).
Cabinet Locks: Keyed cylinder, two keys per lock, master keyed, steel with chrome finish.
Drawer Slides:
Type: Full extension.
Static Load Capacity: Commercial grade.
Mounting: Side mounted.
Hinges: European style concealed self-closing type, steel with polished finish.
Soft Close Adapter: Concealed, frame-mounted, screw-adjustable damper ; steel with polished finish.

RESILIENT TILE FLOORING

Part 1 General
Part 2 Products
Part 3 Execution
Installation
Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".

Check cartons for and do not mix dye lots.
Expansion Joints: Locate expansion, isolation, and other moving joints prior to installation.
Adhesives: Adhere flooring to substrate using the full spread method resulting in a completed installation without gaps, voids, raised edges, bubbles or any other surface imperfections.

END OF SECTION

TILE CARPETING

Part 1 General
Part 2 Products
Part 3 Execution
Installation
Blend carpet from different cartons to ensure minimal variation in color match.
Cut carpet tile clean. Fit carpet tight to intersection with vertical surfaces without gaps.
Lay carpet tile in square pattern, with pile direction parallel to next unit, set parallel to building lines.

END OF SECTION

INTERIOR PAINTING

Part 1 General
Part 2 Products
Part 3 Execution
Installation
Do Not Paint or Finish the Following Items:
Items factory-finished unless otherwise indicated; materials and products having factory-applied primers are not considered factory finished.
Items indicated to receive other finishes.
Items indicated to remain unfinished.
Fire rating labels, equipment serial number and capacity labels, bar code labels, and operating parts of equipment.
Stainless steel, anodized aluminum, bronze, tene coated stainless steel, and lead items.
Marble, granite, slate, and other natural stones.
Floors, unless specifically indicated.
Glass.
Concealed pipes, ducts, and conduits.

SUBMITTALS

Samples: Submit three paper "draw down" samples, 8-1/2 by 11 inches (216 by 279 mm) in size, illustrating range of colors available for each finishing product specified.
Where sheen is specified, submit samples in only that sheen.

PART 2 PRODUCTS

MANUFACTURERS
Provide paints and finishes from the same manufacturer to the greatest extent possible.
PAINTS AND FINISHES - GENERAL
Paints and Finishes: Ready mixed, unless intended to be a field-catalyzed paint.
Provide paints and finishes of a soft paste consistency, capable of being readily and uniformly dispersed to a homogeneous coating, with good flow and brushing properties, and capable of drying or curing free of streaks or sags.
Supply each paint material in quantity required to complete entire project's work from a single production run.
Do not reduce, thin, or dilute paint or finishes or add materials unless such procedure is specifically described in manufacturer's product instructions.

PAINT SYSTEMS - INTERIOR

PT-1 Interior Surfaces to be Painted, Unless Otherwise Indicated: Including gypsum board, concrete, concrete masonry units, brick, wood, plaster, uncoated steel, shop primed steel, galvanized steel, and aluminum.
Two top coats and one coat primer.
Top Coat Sheen:
Eggshell: MPI gloss level 3; use this sheen at all locations.
Satin: MPI gloss level 4; use this sheen for items subject to frequent touching by occupants, including door frames and railings.
Primer: As recommended by top coat manufacturer for specific substrate.

PART 3 EXECUTION

Preparation
Clean surfaces thoroughly and correct defects prior to application.
Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
APPLICATION
Apply products in accordance with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual".
Do not apply finishes to surfaces that are not dry. Allow applied coats to dry before next coat is applied.

END OF SECTION

END OF SECTION



NEVADA COUNTY YOUTH CENTER DISPATCH REMODEL

15434 CA-49
NEVADA CITY, CA 95959
APN: 005-050-015

Table with 3 columns: ID, NAME, DATE. Row 1: SUBMITTAL, 7/31/20.

SPECIFICATIONS

FIELD SET

A7.1

VERTICAL LOUVER BLINDS

PART 1 GENERAL

PART 2 PRODUCTS

BLINDS AND BLIND COMPONENTS

Vertical Louver Blinds: Horizontal travel, vertical vane louver units complete with tracks, pivot and traversing mechanisms, and accessories, as follows:

Vanes: PVC vanes of the size indicated.
Operation: Manual.
Direction of Travel: As indicated on the drawings.
Mounting: Inside (between jambs).
Cord and Chain Operation: Comply with WCMAA100.1.
Tracks: Channel tracks as required for type of operation, extruded aluminum with clear anodized finish, with end caps.
Dimensions: Manufacturer's standard, selected for suitability for installation conditions, span, and weight of vanes.
Vane Rotation: Chain driven direct rotation by activating tilt gear within end cap assembly in turn actuating tilt rod and worm-and-spur gears in carrier trucks.
Operating Components: Internally mounted heavy-duty extruded aluminum tilt rod, vane carriers, and other components required for proper performance and designed for smooth, quiet, trouble free operation.
Pivot Mechanism: Geared for synchronous 180 degrees rotation of vanes and type of operation indicated.
Vane Carriers: Metal carriers with ball-bearing wheels or thermoplastic trucks, equipped with linkages or other devices to ensure positive spacing of vanes.
Tilt Chain: Nickel plated brass beaded ball chain, minimum 1/8 inch (3 mm) diameter; locate at drawback side of units as indicated.
PVC Vanes: Integrally colored, extruded PVC; flat, 2 inches (50mm) wide.
Flammability: Comply with NFPA 701.
Color: As selected by Owner from manufacturer's full range of colors.
Texture: Smooth.

Brackets and Mounting Hardware: As recommended by manufacturer for the mounting configuration and span indicated; provide manufacturer's standard L- bracket with clip for outside mounting and clip only for inside mounting.

FABRICATION

Field measure finished openings prior to ordering or fabrication.

PART 3 EXECUTION

INSTALLATION

Install in accordance with manufacturer's instructions using mounting style as indicated.
Adjust blinds for smooth operation.

END OF SECTION

COUNTERTOPS

PART 1 GENERAL

SUBMITTALS

PART 2 PRODUCTS

COUNTERTOPS

Plastic Laminate Countertops: High-pressure decorative laminate (HPDL) sheet bonded to substrate.
Laminate Sheet, Type []: NEMA LD 3, Grade HGS, 0.048 inch (1.2 mm) nominal thickness.
Finish: 60 Matte.
Surface Color and Pattern: Wilsonart Black Alicante 4926.
Exposed Edge Treatment: Square, substrate built up to minimum 1-1/4 inch (32 mm) thick; covered with matching laminate.
Back and End Splashes: Same material, same construction.
Fabricate in accordance with manufacturer's standard requirements.

MATERIALS

Adhesives: Chemical resistant waterproof adhesive as recommended by manufacturer of materials being joined.

FABRICATION

Fabricate tops and splashes in the largest sections practicable, with top surface of joints flush.
Provide back/end splash wherever counter edge abuts vertical surface unless otherwise indicated.

PART 3 EXECUTION

INSTALLATION

Securely attach countertops to cabinets using concealed fasteners. Make flat surfaces level; shim where required.
Attach plastic laminate countertops using screws with minimum penetration into substrate board of 5/8 inch (16 mm).
Seal joint between back/end splashes and vertical surfaces.

END OF SECTION

ACCESS CONTROL

PART 1 GENERAL

SUBMITTALS

Shop Drawings: Include plan views indicating locations of system components and proposed size, type, and routing of conduits and/or cables. Include elevations and details of proposed equipment arrangements. Include system interconnection schematic diagrams. Include requirements for interface with other systems.

Product Data: Provide manufacturer's standard catalog pages and data sheets for each system component. Include ratings, configurations, standard wiring diagrams, dimensions, finishes, service condition requirements, and installed features.

Evidence of qualifications for installer.

Evidence of qualifications for maintenance contractor (if different entity from installer).

QUALITY ASSURANCE

Comply with the following:

- NFPA 70.
NFPA 101 (Life Safety Code).
The requirements of the local authorities having jurisdiction.
Applicable TIA/EIA standards.

Installer Qualifications: Company specializing in performing the work of this section with minimum three years documented experience with access control systems of similar size, type, and complexity and providing contract maintenance service as a regular part of their business; authorized manufacturer's representative.

WARRANTY

Provide minimum one year manufacturer warranty covering repair or replacement due to defective materials or workmanship.

PART 2 PRODUCTS

ACCESS CONTROL SYSTEM REQUIREMENTS

Provide new access control system consisting of required equipment, conduit, boxes, wiring, connectors, hardware, supports, accessories, software, system programming, etc. as necessary for a complete operating system that provides the functional intent indicated.

Surge Protection:

Provide surge protection for readers and door strikes/locks.

Interface with Other Systems:

Provide products compatible with other systems requiring interface with access control system.

Provide products listed, classified, and labeled as suitable for the purpose intended.
Access Control Units and Readers: Listed and labeled as complying with UL 294.

ACCESS CONTROL UNITS AND SOFTWARE

Provide access control units and software compatible with readers to be connected.
Unless otherwise indicated, provide software and licenses required for fully operational system.

Access Control Unit:

Basis of Design: Avigilon Access Control.

ACCESS CONTROL POINT PERIPHERALS

Provide devices compatible with control units and software.
Provide devices suitable for operation under the service conditions at the installed location.

Readers and Keypads:

General Requirements:
Provide readers compatible with credentials to be used.

Color: To be selected by Architect from manufacturer's available standard colors.

Door Locking Devices (Electric Strikes and Magnetic Locks): Comply with Section 087100.

PART 3 EXECUTION

INSTALLATION

Install access control system in accordance with NECA 1 (general workmanship).

Install products in accordance with manufacturer's instructions.

Identify system wiring and components in accordance with Section 260553.

FIELD QUALITY CONTROL

Prepare and start system in accordance with manufacturer's instructions.

Correct defective work, adjust for proper operation, and retest until entire system complies with Contract Documents.

CLOSEOUT ACTIVITIES

Training: Train Owner's personnel on operation, adjustment, and maintenance of system.

END OF SECTION



RUSSELL DAVIDSON ARCHITECTURE + DESIGN



NEVADA COUNTY YOUTH CENTER DISPATCH REMODEL

15434 CA-49 NEVADA CITY, CA 95959 APN: 005-050-015

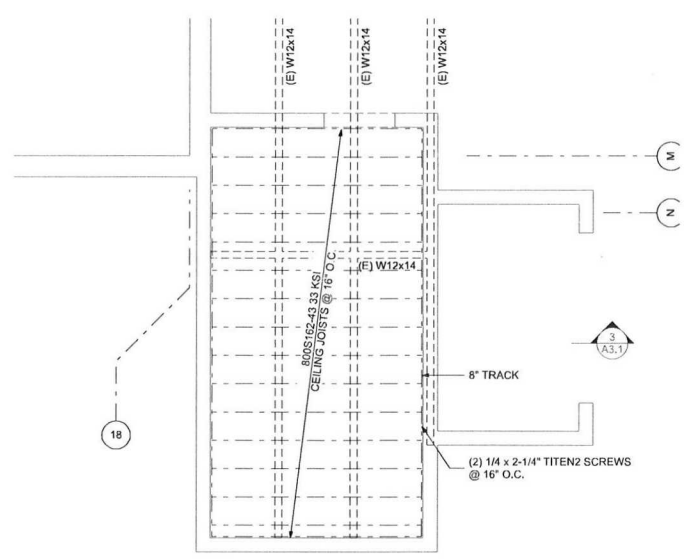
Table with 3 columns: ID, NAME, DATE. Row 1: SUBMITTAL, 7/31/20.

SPECIFICATIONS

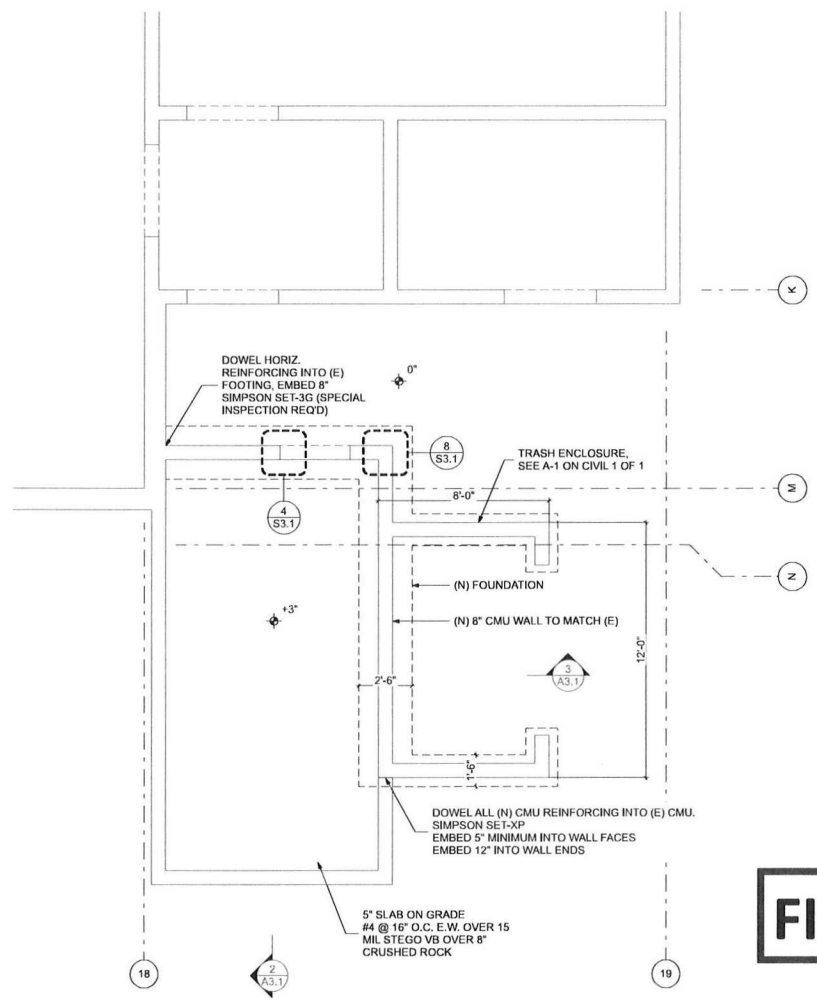
FIELD SET

A7.2

/Users/russell/Drawings/Projects/Current/2018.17_NC_Juvenile_Hall/Dispatch/Venue/CAD/Current/WC/H_Dispatch.dwg 9/26/20



2 CEILING FRAMING PLAN
 SCALE: 1/4" = 1'-0"



1 SERVER ROOM FOUNDATION PLAN
 SCALE: 1/4" = 1'-0"

FIELD SET



RUSSELL DAVIDSON
 ARCHITECTURE + DESIGN



NEVADA COUNTY YOUTH CENTER
DISPATCH REMODEL

15434 CA-49
 NEVADA CITY, CA 95959
 APN: 005-050-015

ID	NAME	DATE
	SUBMITTAL	7/31/20

SCALE	AS NOTED
DRAWN BY:	RPD
CHECKED BY:	RPD
JOB:	2019.17

STRUCTURAL PLANS

S2.1

9/29/20
 I:\Users\Russell.Davidson\Projects\Curren\2019\17_NC_Juvenile_Hall_Dispatch\Arch\CAD\Curren\NCJH_Dispatch.dwg
 I:\Users\Russell.Davidson\Projects\Curren\2019\17_NC_Juvenile_Hall_Dispatch\Arch\CAD\Curren\NCJH_Dispatch.dwg



NEVADA COUNTY YOUTH CENTER
 DISPATCH REMODEL
 15434 CA-49
 NEVADA CITY, CA 95959
 APN: 005-050-015

ID	NAME	DATE
	SUBMITTAL	7/31/20
1	REV 1	9/29/20

SCALE: AS NOTED
 DRAWN BY: RPD
 CHECKED BY: RPD
 JOB: 2019.17

ENGINEERING
 DETAILS AND
 SECTIONS
S3.1

MARK	WIDTH	DEPTH	BOTTOM REINFORCING	TOP REINFORCING	TIES
WF-1.5	1'-6"	1'-6"	2-#5	1-#5	-
WF-2	2'-0"	1'-6"	2-#5	2-#5	-
WF-2.5	2'-6"	1'-6"	3-#5	2-#5	-

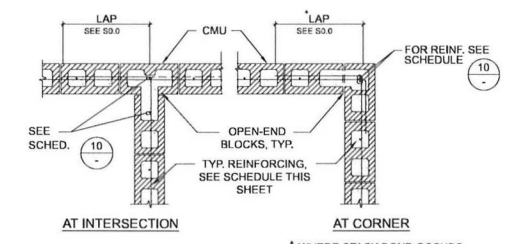
REINFORCEMENT SIZE	
#3 GR40	#4 #5 #6 #7 #8 #9 #10 #11
19	24 31 36 43 - - - -

f'm = 1500 PSI

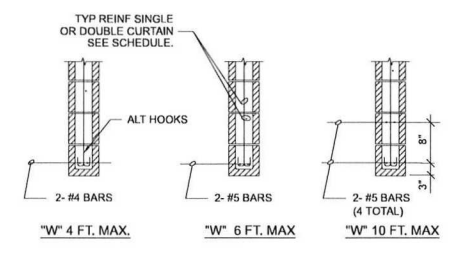
WALL SIZE	BOND BEAM HORIZ. REINF.	VERT. REINF. (SEE NOTE 12)	CHORD REINF.
6" BLOCK (f'm=1500 psi)	#4 @ 24"	#4 @ 16"	1-#5
8" BLOCK (f'm=1500 psi)	#5 @ 24"	#5 @ 16"	2-#5
12" BLOCK (f'm=1500 psi)	#5 @ 24" EA FACE	#5 @ 16" EA FACE	2-#5
12" BLOCK (f'm=1500 psi) @ SECURITY AREAS (SEE NOTE 11)	2-#5 @ 24" EA FACE	#5 @ 8" (STAGGER)	2-#5

NOTE: USE THIS SCHEDULE WHERE REINFORCING IS NOT SHOWN OTHERWISE ON SECTIONS, DETAILS OR WALL ELEVATIONS.

- NOTES:
- VERTICAL REINF. FOR WALLS SHALL BE CONTINUOUS FROM FOOTING TO TOP OF WALL OR FLOOR TO FLOOR WITHOUT SPLICE, EXCEPT AS NOTED IN DETAIL.
 - ALL CELLS SHALL BE SOLID GROUTED.
 - USE OPEN END BLOCK AT VERTICAL REINFORCING BARS.
 - HOLD BARS ACCURATELY IN PLACE AT THE CENTER LINE OF THE WALL UNTIL GROUT SETS.
 - USE SPECIAL BOND BEAM OR LINTEL BLOCK AT ALL HORIZONTAL BARS.
 - THE TERM "STANDARD HOOK" SHALL MEAN EITHER:
 - 180 HOOK PLUS AN EXTENSION OF 4 BAR DIAMETERS.
 - 90 HOOK PLUS AN EXTENSION OF 12 BAR DIAMETERS.
 - ALL ANGLES AND BENT STRAPS AT TOP ANCHORAGE ARE TO BE INSTALLED TIGHT AGAINST WALL.
 - LAP BARS PER SCHEDULE S0.0 U.O.N.
 - FOR WALL ANCHOR BOLTS SEE 16.
 - FOR 1' < 24" AS SHOWN ON DETAIL 6/- OR AT "FREE END CONDITION" PROVIDE "STANDARD HOOK" ON ALL HORIZONTAL REINFORCEMENT.
 - COORDINATE LOCATION OF SECURITY WALLS WITH ARCH. & SHT S2.1.
 - USE 9 GA WIRE POSITIONERS FOR ALL VERTICAL WALL REINFORCING. (AA WIRE PRODUCTS COMPANY # AA225 OR EQUAL)
 - FOOTING AND WALL REINFORCING Fy = 60 ksi REINFORCING FOR WELDING TO BEAMS = ASTM A706, GRADE W USE SMAW PROCESS WITH E9016-X, E9018-X, E9015-X, or E9018M ELECTRODES ALL WELDING PER AWS D1.4

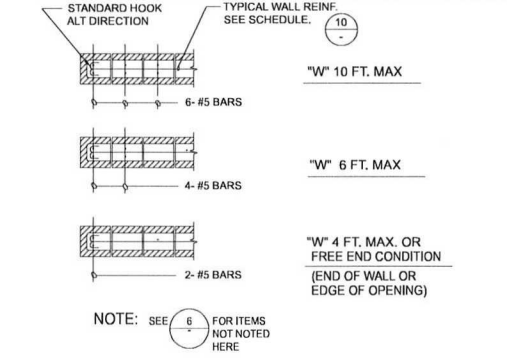


8 CMU WALL INTERSECTIONS
SCALE: 1 1/2" = 1'-0"

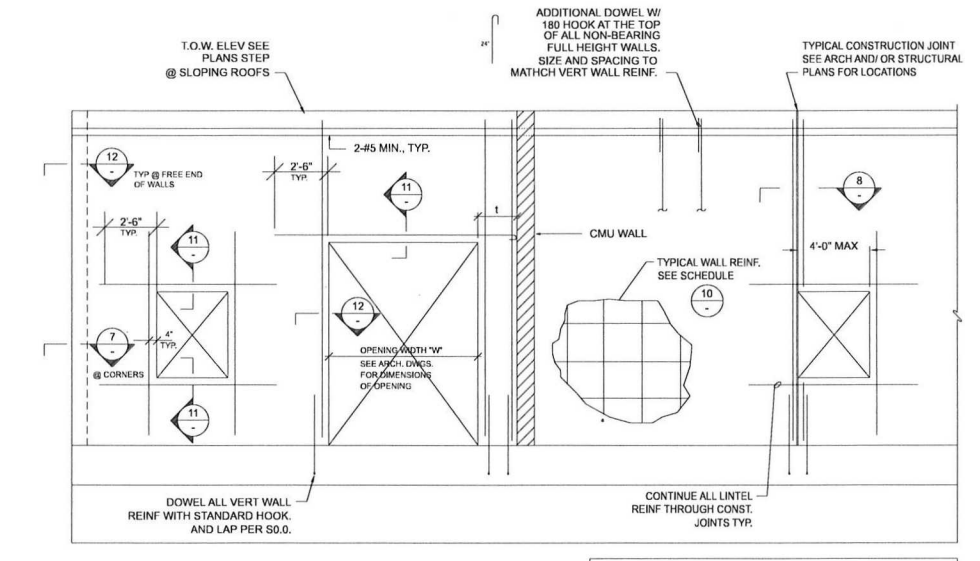


6 REINF @ OPENINGS
SCALE: 1 1/2" = 1'-0"

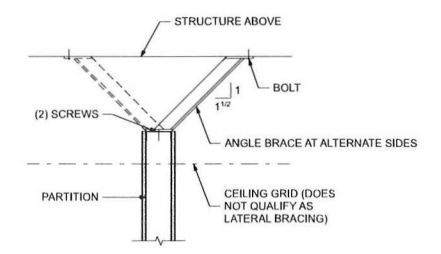
NOTE:
 CONTINUE ALL JAMB BARS FULL HEIGHT OF WALL AT DOOR & WINDOW OPENINGS GREATER THAN 6'-0".
 ELECTRICAL CONDUIT REQUIRED NEAR THE EDGE OF ANY OPENING GREATER THAN 4 FT SHALL BE ROUTED VERTICALLY IN FIRST OPEN ADJACENT CELL & THEN HORIZONTALLY TO DESIRED LOCATION.



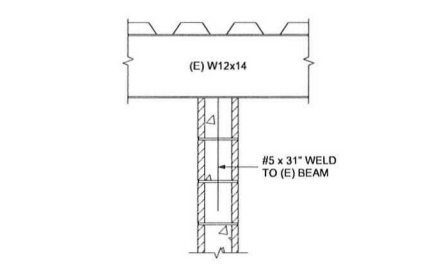
4 JAMB & FREE END OF WALLS
SCALE: 1 1/2" = 1'-0"



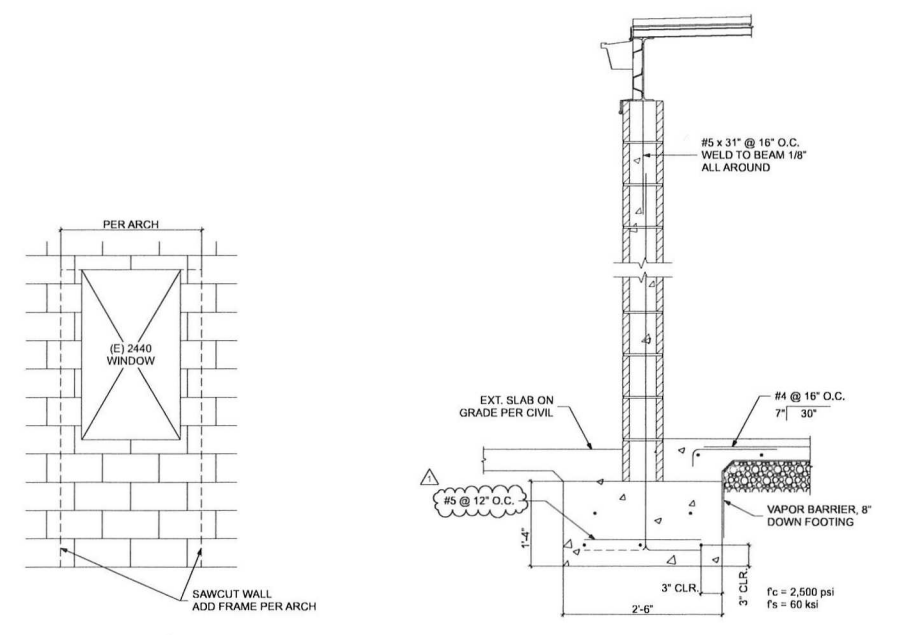
1 ELEVATION @ 6" & 8" CMU WALLS
SCALE: 1 1/2" = 1'-0"



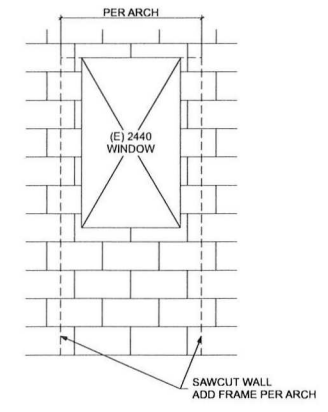
7 WALL BRACING
SCALE: 3/4" = 1'-0"



5 SERVER ROOM WALL
SCALE: 3/4" = 1'-0"



2 (N) WALL & SLAB @ SERVER ROOM
SCALE: 3/4" = 1'-0"



3 (N) OPENING @ INT. CMU WALL
SCALE: 1/2" = 1'-0"

FIELD SET

HVAC LEGEND

	12"x6" SA 40 CFM	SUPPLY DIFFUSER, SIZE AND FLOW RATE LISTED. ARROWS INDICATE THROW PATTERN.
	24"x20" RA 40 CFM	RETURN GRILLE, SIZE AND FLOW RATE LISTED.
	4"x10" EA 40 CFM	CEILING EXHAUST GRILLE, SIZE AND FLOW RATE LISTED.
		RECTANGULAR SUPPLY AIR CROSS SECTION
		RECTANGULAR RETURN AIR CROSS SECTION
		BALANCING DAMPER
	10" ø	RIGID DUCT
	10" ø	FLEXIBLE DUCT
	CFM	CUBIC FEET PER MINUTE
	RA	RETURN AIR
	SA	SUPPLY AIR
	HP	HEAT PUMP
	FC	FAN COIL UNIT

HVAC NOTES

SCOPE OF WORK

- INSTALL NEW AIR CONDITIONING SYSTEM FOR IT ROOM, AS INDICATED ON PLANS.
- FURNISH AND INSTALL ALL MATERIALS AND PERFORM ALL LABOR NECESSARY FOR A COMPLETE INSTALLATION OF HVAC WORK INDICATED ON THE DRAWINGS. ALSO, PROVIDE ANY INCIDENTAL WORK NOT SHOWN OR SPECIFIED, WHICH CAN REASONABLY BE INFERRED OR TAKEN AS BELONGING TO THE WORK AND NECESSARY TO PROVIDE THE COMPLETE SYSTEM.
- IT IS THE INSTALLING CONTRACTOR'S RESPONSIBILITY TO ASSURE ALL MECHANICAL SYSTEMS FUNCTION PROPERLY, SAFELY, AND MEET ALL LOCAL, STATE AND REGIONAL CODES.
- ALL WORK IS TO CONFORM TO THE ACCEPTED STANDARDS OF THE TRADE. THE ENGINEER IS TO BE NOTIFIED IF ANY SUBSTITUTIONS ARE SEEN TO BE NECESSARY.
- CONTROLS - GENERAL:**
 - THE VENTILATION SYSTEM SHALL BE WIRED TO OPERATE CONTINUOUSLY DURING OCCUPIED HOURS, DURING UNOCCUPIED HOURS THE UNIT SHALL CYCLE ON AND OFF WITH A DEMAND FOR HEATING AND COOLING.
 - ROOM THERMOSTATS SHALL BE PROGRAMMABLE WITH 5-1-1 DAY.
 - PROGRAMMING AND 24-HOUR HEATING AND COOLING SETBACK CAPABILITY.
 - THERMOSTATS SHALL BE INSTALLED WHERE INDICATED ON PLANS, 48 INCHES ABOVE FINISHED FLOOR LEVEL.
 - INSTALLING SUB-CONTRACTOR SHALL PROVIDE ENGINEER WITH COMPLETE CONTROL SCHEMATIC INCLUDING SUBMITTALS FOR EACH COMPONENT.
- AIR DIFFUSERS AND RETURN/EXHAUST GRILLES SHALL BE SPOKE/MAKER OR EQUAL. PROPOSED MODEL NUMBERS FOR DIFFERENT APPLICATIONS ARE AS FOLLOWS:

APPLICATION	MODEL #	REMARKS
CLG GYPSUM SUPPLY 18W 3/4" ø		LINEAR DIFFUSER WITH 1/8" BARS AT 1/2" SPACING AND 0" DEFLECTION
GYPSUM CEILING FILTERED RETURN	FG2	STAMP FACED FILTER GRILLE PROVIDE 2" MERV-13 FILTER

1. FOR EXACT LOCATION OF DIFFUSERS AND GRILLES REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.

2. SLOPE ALL CONDENSATE LINES AT 1/4" PER FOOT. CONDENSATE SHALL TERMINATE OUTSIDE A MINIMUM OF 6" ABOVE GRADE WITH A DOWNWARD ELBOW. CONDENSATE SHALL BE 3/4" SCHEDULE 40 PVC UNLESS OTHERWISE NOTED. IN LIEU OF SECONDARY DRAIN, FLOAT SWITCH FOR AIR HANDLER WILL INTERRUPT POWER TO THE FANCOIL UNIT WHEN MOISTURE IS DETECTED IN THE DRAIN PAN.

3. DUCT MATERIAL AND SEALING:
 A. DUCTING IN CONCEALED LOCATION SHALL BE GALVANIZED SHEET METAL. PRE-INSULATED FLEX DUCT MAY BE USED AS LEADERS (5' MAX) TO AND FROM AIR TERMINALS, PER CMC 603.4.1. DUCT SHALL BE MANUFACTURED IN ACCORDANCE WITH CHAPT. 6 OF THE 2019 CMC AND SMACNA GUIDELINES.

B. PRE-INSULATED FLEX DUCT SHALL HAVE AN R-VALUE = 8.0.

C. INNER LINING OF FLEX DUCTING SHALL BE SECURELY FASTENED WITH A PANDUIT STRAP. THE EXTERIOR LINING (INSULATION) SHALL BE SECURELY TAPED TO THE SHEET METAL FITTING.

D. FACTORY-FABRICATED DUCT SYSTEMS SHALL COMPLY WITH UL181.

E. METAL TO METAL JOINTS SHALL BE SEALED WITH MASTIC SEALANT TO PROVIDE AIRTIGHT PROTECTION PRIOR TO INSULATION. APPLY SEALANT ACCORDING TO MANUFACTURER'S RECOMMENDATION.

F. CORRUGATED ALUMINUM FLEX DUCT SHALL NOT BE ALLOWED.

G. ALL TAPES AND MASTIC SEALANTS SHALL COMPLY WITH UL181, UL 181A, OR UL181B.

10. PROVIDE FLEXIBLE DUCT CONNECTORS BETWEEN SUPPLY AND RETURN AIR DUCTING AND SUPPLY AND RETURN CONNECTIONS TO FANCOIL UNIT.

11. INCREASE DUCT SIZES GRADUALLY, NOT EXCEEDING 15 DEGREES DIVERGENCE WHEREVER POSSIBLE. DIVERGENCE UPSTREAM OF EQUIPMENT SHALL NOT EXCEED 20 DEGREES; CONVERGENCE DOWNSTREAM SHALL NOT EXCEED 30 DEGREES.

12. SUPPORTS AND HANGERS FOR DUCTING SHALL BE IN ACCORDANCE WITH THE 2016 UNIFORM MECHANICAL CODE AND IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE. DUCTS SHALL BE SUPPORTED AT EACH CHANGE OF DIRECTION, SUPPORTS AND 8' INTERVALS (MIN).

13. WRAP ALL UNLINED CONCEALED SUPPLY AND RETURN DUCTS WITH O.C. FIBERGLASS DUCT WRAP OR JM MICRO-LITE, 2" THICK AND 1" PER CUBIC FOOT DENSITY. WRAP INSULATION ENTIRELY AROUND DUCT AND WIRE SECURELY IN PLACE WITH #6 WIRE 12" O.C. ON EACH SIDE OF STANDING SEAM AND OVER INSULATION JOINT LAP ALL INSULATION JOINTS 3" MIN. INSULATE DUCTS TIGHT AGAINST OTHER WORK BEFORE HANGING IN PLACE.

14. AT TIME OF ROUGH INSTALLATION OR DURING STORAGE OF THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HVAC SYSTEM, ALL DUCTING AND RELATED AIR DISTRIBUTION COMPONENTS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL, OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUST OR DEBRIS WHICH MAY COLLECT IN THE SYSTEM.

15. AIR DISTRIBUTION SYSTEM SHALL BE BALANCED WITH AN APPROVED AND CALIBRATED AIR FLOW MEASURING DEVICE. PROVIDE OWNER WITH COMPLETE AIR BALANCE REPORT IN ACCORDANCE WITH THE SPECIFICATIONS.

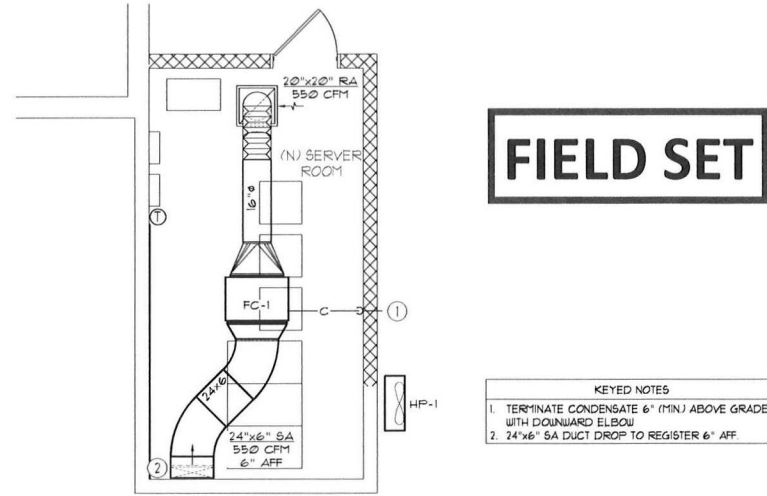
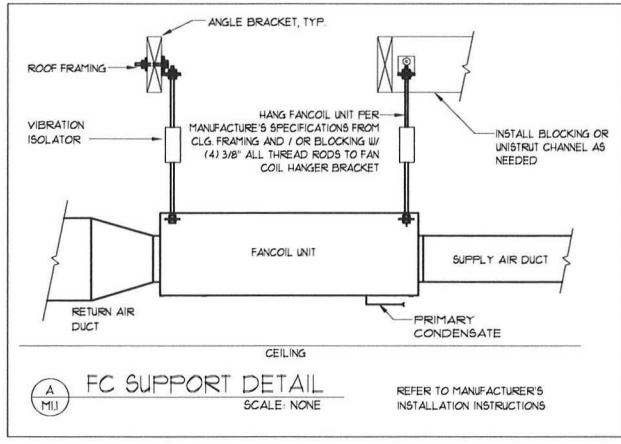
16. NO DUCTED OR NON-DUCTED AIR MOVING DEVICE SHALL TERMINATE IN ATTIC.

17. INSULATE CONDENSATE LINE WITH ARMSTRONG # 1/2" WALL THICKNESS "DG TUBO-BLIT" COND=029 (BTU-IN/HR.-F) AT 75°F IN ACCORDANCE WITH ASTM C 1171 OR C 518 WITH THIRD PARTY TESTING SUPERVISION.

HVAC EQUIPMENT SCHEDULE

SYMBOL	AREA SERVED	COOLING			HEATING		FAN				ELECT.				MFGR & MODEL NO.	WEIGHT (LBS)	EFFICIENCY	REMARKS
		TOTAL (BTU/HR)	SENSIBLE (BTU/HR)	COIL EDB/EWB (°F)	HIGH INPUT/OUTPUT (BTU/HR)	DB (°F)	CFM	S.P. (WC)	O.A. (CFM)(1) (MIN)	VOLTAGE	MCA	COMP. LRA	FUSE/MOCP					
FC-1	(N) SERVER ROOM	17,500	12,500	80/65	21,600	47	554	---	(2)	(2)	0.21	---	(2)	FUJITSU # ARU18RLF	49	---	INDOOR HEAT PUMP FANCOIL UNIT DIMENSIONS: H=7-13/16", W=35-7/16", D=24-7/16" BUILT-IN FLOAT SWITCH FOR CONDENSATE SOUND - 32 dBA	
HP-1	(N) SERVER ROOM	17,500	12,500	80/65	21,600	47	---	---	---	208/230 V. 1 PHASE	17.3	---	20	FUJITSU # AOU18RLF	86	HSPF=10.5 SEER=19.7 EER=12.0	GROUND MOUNTED OUTDOOR HEAT PUMP DIMENSIONS: H=24-7/16", W=34-1/2", D=13-7/8"	

NOTES:
 1. RECEPTION, STORAGE & HALLWAY WILL BE PROVIDED BY NATURAL VENTILATION.
 2. ELECTRICAL FOR INDOOR UNIT WILL BE PROVIDED BY OUTDOOR UNIT HP.



HVAC FLOOR PLAN

SCALE: 1/4" = 1'-0"

MELAS ENERGY ENGINEERING
 ENERGY & MECHANICAL CONSULTANTS
 541 UREN STREET
 NEVADA CITY, CA 95959
 PHONE (530) 265-2492
 FAX (530) 265-2273



Project Title: NC JUVENILE HALL DISPATCH
 Project Location: 15434 CA-49 NEVADA CITY, CA
 Sheet Title: HVAC FLOOR PLAN

Revisions:

No.	Date	By	Description

Plot Date: 7/31/2020

Job #: 20-025

Scale: as noted

Date 1st Issued: 6-10-2020

Sheet Number: M1.1

Project Name: Nevada County Juvenile Hall Server Addition		NCC-PF-01-E		Page 1 of 13	
Project Address: 15434 Hwy 49 Nevada City 95959		Calculation Date/Time: 15.12.19, Mar 13, 2020			
Input File Name: Nevada County Juvenile Hall Server Addition - 202015.cad29a					
A. GENERAL INFORMATION					
1.	Project Location (City)	Nevada City	6.	Standards Version	Compliance 2019
2.	CA Title Code	95959	8.	Compliance Software Version	EnergyPlus 8.9
3.	Climate Zone	21	10.	Unshelter File	MARSHVILLE-BEALE-APR_214831_C22010.gpw
4.	Total Conditioned Floor Area in Scope	227,813 (217,813 Building Total)	11.	Building Orientation (deg)	0 (N of G)
5.	Total Unconditioned Floor Area	0 (N/A)	12.	Permitted Scope of Work	New-Envelope/No-Mechanical
6.	Total of Stories (Excludes Above Grade)	1	13.	Building Type(s)	Nonresidential
7.	Total of Building Units	0	14.	CA Type	Mechanical
B. PROJECT SUMMARY					
Table Instructions: Table B shows which building components are included in the performance calculation. If indicated as not included, the project must show compliance prescriptively within permit application.					
Envelope	Performance	Compliance	Compliance	Compliance	Compliance
	Not Included	Not Included	Not Included	Not Included	Not Included
Mechanical	Performance	Compliance	Compliance	Compliance	Compliance
	Not Included	Not Included	Not Included	Not Included	Not Included
Domestic Hot Water	Performance	Compliance	Compliance	Compliance	Compliance
	Not Included	Not Included	Not Included	Not Included	Not Included
Lighting (Exterior Conditioned)	Performance	Compliance	Compliance	Compliance	Compliance
	Not Included	Not Included	Not Included	Not Included	Not Included
Solar Thermal Water Heating	Performance	Compliance	Compliance	Compliance	Compliance
	Not Included	Not Included	Not Included	Not Included	Not Included

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: NCC-PF-01-E-03042020-0104 Report Generated at: 2020-03-13 15:13:16

Project Name: Nevada County Juvenile Hall Server Addition		NCC-PF-01-E		Page 2 of 13	
Project Address: 15434 Hwy 49 Nevada City 95959		Calculation Date/Time: 15.12.19, Mar 13, 2020			
Input File Name: Nevada County Juvenile Hall Server Addition - 202015.cad29a					
C1. COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TOV Energy Use, kWh/h / yr)					
COMPLIES					
Energy Component	Standard Design (EDV)	Proposed Design (EDV)	Compliance Margin (EDV)		
Space Heating	4.90	20.52	15.62		
Space Cooling	78.48	11.81	66.67		
Indoor Fans	122.64	6.50	116.13		
Heat Rejection	-	-	-		
Pumps & Motor	-	-	-		
Domestic Hot Water	28.44	58.16	-29.72		
Indoor Lighting	18.62	18.62	0.00		
ENERGY STANDARDS COMPLIANCE TOTAL	255.40	195.85	59.55 (23.3%)		
Notes: The number in parentheses following the Compliance Margin in column 4, represents the Percent Better than Standard.					
C2. RESULTS FOR "ABOVE CODE" QUALIFICATIONS					
This project is pursuing GreenMark Tier 2					
Miscellaneous Energy Component	Standard Design (EDV)	Proposed Design (EDV)	Compliance Margin (EDV)		
Receptacle	200.22	200.22	0.00		
Process	-	-	-		
Other Use	-	-	-		
Process Exhaust	-	-	-		
COMPLIANCE TOTAL PLUS MISCELLANEOUS COMPONENTS	456.12	396.67	59.45 (13.1%)		
Notes: This table is used to document compliance with programs OTHER THAN Title 24 Part 6, if applicable.					
D. EXCEPTIONAL CONDITIONS					
This project includes partial performance compliance scope options. The building must show compliance with all other applicable compliance scope options (performance or prescriptively) before applying.					
E. HERS VERIFICATION					
This Section Does Not Apply					

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: NCC-PF-01-E-03042020-0104 Report Generated at: 2020-03-13 15:13:16

Project Name: Nevada County Juvenile Hall Server Addition		NCC-PF-01-E		Page 3 of 13	
Project Address: 15434 Hwy 49 Nevada City 95959		Calculation Date/Time: 15.12.19, Mar 13, 2020			
Input File Name: Nevada County Juvenile Hall Server Addition - 202015.cad29a					
F. ADDITIONAL REMARKS					
This Section Does Not Apply					
G. ENVELOPE GENERAL INFORMATION					
Opaque Surfaces & Orientation	Total Opaque Surface Area (ft²)	Total Penetration Area (ft²)	Windows to Wall Ratio (%)		
North Facing	148.91	0.01	0.01%		
East Facing	230.87	0.01	0.01%		
South Facing	131.87	0.01	0.01%		
West Facing	209.19	0.01	0.01%		
Total	720.84	0.04	0.01%		
Roof	237.87	0.01	0.01%		
Notes: North Facing is oriented to within 45 degrees of true north, including 45 100'00" east of north (NE), but excluding 45 100'00" west of north (NW). East Facing is oriented to within 45 degrees of true east, including 45 100'00" south of east (SE), but excluding 45 100'00" north of east (NE). South Facing is oriented to within 45 degrees of true south, including 45 100'00" west of south (SW), but excluding 45 100'00" east of south (SE). West Facing is oriented to within 45 degrees of true west, including 45 100'00" north of west (NW), but excluding 45 100'00" south of west (SW).					
H. PENETRATION ASSEMBLY SUMMARY §110.6					
This Section Does Not Apply					
I. ENVELOPE DETAILS §110.7 & §110.8					
II. OPaque SURFACE ASSEMBLY SUMMARY					
Surface Name	Surface Type	Description of Assembly Layers	Area (ft²)	Framing Type	U-Factor / R-Value
Sub On Grade7	Underground/Floor	Slab Type - Unheated/SlabOnGrade Insulation Orientation - None Insulation R-Value - None	237	NA	U-Factor: 0.730 N

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: NCC-PF-01-E-03042020-0104 Report Generated at: 2020-03-13 15:13:16

Project Name: Nevada County Juvenile Hall Server Addition		NCC-PF-01-E		Page 4 of 13	
Project Address: 15434 Hwy 49 Nevada City 95959		Calculation Date/Time: 15.12.19, Mar 13, 2020			
Input File Name: Nevada County Juvenile Hall Server Addition - 202015.cad29a					
I. ENVELOPE DETAILS §110.7 & §110.8					
III. OPaque SURFACE ASSEMBLY SUMMARY					
Surface Name	Surface Type	Description of Assembly Layers	Area (ft²)	Framing Type	U-Factor / R-Value
# 19 Roof Exhaust09	Roof	Asphalt shingles - 1/4 in. Vapor permeable felt - 1/8 in. Plywood - 1/2 in. Air - Gypsum - 1/2 in. Wood Framed roof - 2 in. OC - 7/16 in. R-19 Gypsum Board - 1/2 in.	237	Wood	U-Factor: 0.050 N
# CMU Wall 13.3 Running11	ExteriorWall	Concrete - 8 in. Gypsum Board - 1/2 in. R-13 Insulation - 1/2 in. Wood Framed wall - 16 in. OC - 3/8 in. R-13 Gypsum Board - 1/2 in.	786	Wood	U-Factor: 0.085 N
Notes: # - Area: # - Count: # - Count					
IV. OVERLAPPING DETAILS					
This Section Does Not Apply					
III. OPaque DOOR SUMMARY					
Assembly Name	Overall U-Factor	Status			
Insulated Metal Door15	0.500	N			
I. CRUC ROOFING PRODUCT SUMMARY §110.3					
This Section Does Not Apply					
K. HVAC SYSTEM SUMMARY §110.1 & §110.2					

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: NCC-PF-01-E-03042020-0104 Report Generated at: 2020-03-13 15:13:16

Project Name: Nevada County Juvenile Hall Server Addition		NCC-PF-01-E		Page 5 of 13	
Project Address: 15434 Hwy 49 Nevada City 95959		Calculation Date/Time: 15.12.19, Mar 13, 2020			
Input File Name: Nevada County Juvenile Hall Server Addition - 202015.cad29a					
K1. Dry System Equipment (Purifiers, air handling units, heat pumps, VRF, etc.)					
Table Instructions: Selections shall be made by Documentation Author to indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online at: https://www.energy.ca.gov/title24/2019/title24/2019_compliance_documents/Nonresidential_Documents/NRCA/					
Equipment Name	Equipment Type	City	Total Heating Output (kBtu/h)	Supp Heat Source (kW)	Efficiency
Server1	Exhaust (NA)	1	0	NA	NA
HVAC	MultiSplit (Split2Phase)	1	18	Yes	10

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: NCC-PF-01-E-03042020-0104 Report Generated at: 2020-03-13 15:13:16

Project Name: Nevada County Juvenile Hall Server Addition		NCC-PF-01-E		Page 6 of 13	
Project Address: 15434 Hwy 49 Nevada City 95959		Calculation Date/Time: 15.12.19, Mar 13, 2020			
Input File Name: Nevada County Juvenile Hall Server Addition - 202015.cad29a					
K2. ECONOMIZER & FAN SYSTEMS SUMMARY §140.4					
Name or Item Tag	System Type	Design Air (cfm)	Supply Fan	Return Fan	Humidifier Type (if present)
HVAC	MultiSplit	0	143	0.012	27.9
K3. EXHAUST FAN SUMMARY					
System ID	Zone Name	City	CFM	Motor BHP	Total Static Pressure (in H2O)
Server1	1 Server	1	30	0.016	14.0
K4. Wet System Equipment (Dollers, chillers, cooling towers, etc.)					
Name or Item Tag	Equipment Type	City	Vol (gal)	Efficiency	Standby Loss
HVAC	MultiSplit	1	30	0.016	14.0

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: NCC-PF-01-E-03042020-0104 Report Generated at: 2020-03-13 15:13:16

Project Name: Nevada County Juvenile Hall Server Addition		NCC-PF-01-E		Page 7 of 13	
Project Address: 15434 Hwy 49 Nevada City 95959		Calculation Date/Time: 15.12.19, Mar 13, 2020			
Input File Name: Nevada County Juvenile Hall Server Addition - 202015.cad29a					
K5. EVAPORATIVE COOLER SUMMARY					
This Section Does Not Apply					
L. DOMESTIC/SERVICE HOT WATER SYSTEM SUMMARY					
L1. DHW EQUIPMENT SUMMARY					
DHW Name	Heater Element Type	Tank Type	Qty	Tank Vol (gal)	Rated Input (kBtu/h)
Gas Storage2	Gas	Storage	1	50.00	20
L2. MULTI-FAMILY CENTRAL DHW SYSTEM DETAILS					
This Section Does Not Apply					
L3. SOLAR HOT WATER HEATING SUMMARY					
This Section Does Not Apply					
M. COVERED PROCESS SUMMARY §140.9					
This Section Does Not Apply					
N. INDOOR LIGHTING SUMMARY §140.6					
This Section Does Not Apply					

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: NCC-PF-01-E-03042020-0104 Report Generated at: 2020-03-13 15:13:16

Project Name: Nevada County Juvenile Hall Server Addition		NCC-PF-01-E		Page 8 of 13	
Project Address: 15434 Hwy 49 Nevada City 95959		Calculation Date/Time: 15.12.19, Mar 13, 2020			
Input File Name: Nevada County Juvenile Hall Server Addition - 202015.cad29a					
O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION					
Table Instructions: Selections shall be made by Documentation Author to indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online at: https://www.energy.ca.gov/title24/2019/title24/2019_compliance_documents/Nonresidential_Documents/NRCA/					
Building Component	YES	NO	Form/Title	Field Inspector	Pass/Fail
Envelope	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ENV-01-E - Must be submitted for all buildings	<input type="checkbox"/>	<input type="checkbox"/>
Mechanical	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-01-E - Must be submitted for all buildings	<input type="checkbox"/>	<input type="checkbox"/>
Plumbing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-PLB-01-E - Must be submitted for all buildings	<input type="checkbox"/>	<input type="checkbox"/>
Indoor Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ILT-01-E - Must be submitted for all buildings	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ILT-02-E - Must be submitted for all buildings	<input type="checkbox"/>	<input type="checkbox"/>
Sign Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ILT-03-E - Must be submitted for all buildings	<input type="checkbox"/>	<input type="checkbox"/>
Electrical	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ELC-01-E - Must be submitted for all buildings	<input type="checkbox"/>	<input type="checkbox"/>
Photovoltaic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-SPV-01-E - Must be submitted for all buildings	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: NCC-PF-01-E-03042020-0104 Report Generated at: 2020-03-13 15:13:16

Project Name: Nevada County Juvenile Hall Server Addition		NCC-PF-01-E		Page 9 of 13	
Project Address: 15434 Hwy 49 Nevada City 95959		Calculation Date/Time: 15.12.19, Mar 13, 2020			
Input File Name: Nevada County Juvenile Hall Server Addition - 202015.cad29a					
Q. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION					
Table Instructions: Selections shall be made by Documentation Author to indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be retained and provided to the building inspector during construction and can be found online at: https://www.energy.ca.gov/title24/2019/title24/2019_compliance_documents/Nonresidential_Documents/NRCA/					
Building Component	YES	NO	Form/Title	Field Inspector	Pass/Fail
Covered Process	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-PRC-01-E - Must be submitted for all Refrigerated Warehouses	<input type="checkbox"/>	<input type="checkbox"/>
Envelope	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ENV-02-E - NRCC Label verification for Installation	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ENV-03-E - Daylighting Design NA's	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: NCC-PF-01-E-03042020-0104 Report Generated at: 2020-03-13 15:13:16

Project Name: Nevada County Juvenile Hall Server Addition		NCC-PF-01-E		Page 10 of 13	
Project Address: 15434 Hwy 49 Nevada City 95959		Calculation Date/Time: 15.12.19, Mar 13, 2020			
Input File Name: Nevada County Juvenile Hall Server Addition - 202015.cad29a					
R. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE					
Table Instructions: Selections shall be made by Documentation Author to indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: https://www.energy.ca.gov/title24/2019/title24/2019_compliance_documents/Nonresidential_Documents/NRCA/					
Building Component	YES	NO	Form/Title	Field Inspector	Pass/Fail
Mechanical	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-02-A Outdoor - Must be submitted for all buildings installed. NRCC Labels. Note: MCH02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) using testing activities during design.	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-03-A Constant Volume Single Zone HVAC	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-04-A Air Distribution Duct Leakage - HERS Verification required	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-05-A Air Distribution Duct Leakage - ATTCP only	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-06-A Demand Control Ventilation Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-07-A Supply Fan Variable Flow Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-08-A Water Leakage Test	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-09-A Supply Water Temperature Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-10-A Heating System Variable Flow Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-11-A Automatic Demand Control Ventilation	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-12-A Supply Fan Variable Flow Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-13-A Automatic FDS for Air Handling Units and Zone Terminal Units Acceptance	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-14-A Distributed Energy Storage DRAC Systems Acceptance	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-15-A Thermal Energy Storage (TES) System Acceptance	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-16-A Supply Air Temperature Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-17-A Condenser Water Temperature Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-18 Energy Management Control Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-MCH-19 Occupancy Sensor Controls	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance Report Version: NCC-PF-01-E-03042020-0104 Report Generated at: 2020-03-13 15:13:16

Project Name: Nevada County Juvenile Hall Server Addition		NCC-PF-01-E		Page 11 of 13	
Project Address: 15434 Hwy 49 Nevada City 95959		Calculation Date/Time: 15.12.19, Mar 13, 2020			
Input File Name: Nevada County Juvenile Hall Server Addition - 202015.cad29a					
R. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE					
Table Instructions: Selections shall be made by Documentation Author to indicate which Certificates of Acceptance must be submitted for the features to be recognized for compliance. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: https://www.energy.ca.gov/title24/2019/title24/2019_compliance_documents/Nonresidential_Documents/NRCA/					
Building Component	YES	NO	Form/Title	Field Inspector	Pass/Fail
Indoor Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ILT-02-A - Occupancy Sensors and Automatic Time Switch Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ILT-03-A - Automatic Daylight Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ILT-04-A - Demand Responsive Lighting Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ILT-05-A - Irradiance-Based Power Adjustment Factor (PIAF)	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ILT-06-E - Must be submitted for all buildings	<input type="checkbox"/>	<input type="checkbox"/>
Sign Lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-ILT-07-A - Outdoor Lighting Controls	<input type="checkbox"/>	<input type="checkbox"/>
Covered Process	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-PRC-01 - Compressed Air Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCA-PRC-02 - Kitchen Exhaust	<input type="checkbox"/>	<input type="checkbox"/>

