

CITY & BOROUGH OF WRANGELL

Component Construction of Wrangell Medical Center Replacement Facility

ADDENDUM TO THE CONTRACT

Addendum No:	2	Current Bid Opening Date: <u>May 8, 2012 at 2:00 PM Prevailing Time</u>
Pages this Addendum:	One (1)	Previous Bid Opening Date: April 24, 2012 at 2:00 PM
Date this Addendum:	April 17, 2012	
Previous Addenda:	1	

To: All Planholders of Record:

This Addendum forms a part of the Contract Documents and modifies the original Bidding Requirements as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

This Addendum does change the bid opening date or time. The new bid opening date is May 8, 2012, 2:00 PM Prevailing Time.

AHFD's Bid Manual & Request for Proposal Addendum #2 issued by AHFD, and including;

- a. EXHIBIT A- Clarification and Enumeration of the Bid Documents
- b. EXHIBIT B - Replace Bid Form to include Volume 4 scope of (5) Electronic Door Access Systems & (12) Ethernet Infrastructure (5 pages to follow)
- c. EXHIBIT C - A101 -2007 – Modify Section 6.2
- d. EXHIBIT D- A201 – 2007 – Modify Sections: 3.10.1; 3.18.1; 10.3.3; 10.3.5; 13.1.2; 15.1.6;
- e. EXHIBIT G- Replace the Alaska Department of Labor Rates with Pamphlet 600 dated April 1, 2012 (34 Pages to follow)
- f. EXHIBIT I – Replace the Fixed Equipment Checklist (3 Pages to follow)

DEJA's Memorandum regarding Addendum No. 2 for Volume 1 Early Release Package – Site (2-Page Memo and 22 Sheets of Revision 1 Drawings)

DEJA's Memorandum regarding Addendum No. 2 for Volume 2 Early Release Package – Structural (1-Page Memo and 4 Sheets of Revision 1 Drawings)

DEJA's Memorandum regarding Addendum No. 3 for Volume 1 State Fire Marshall Review Set – Architectural and MPE (2-Page Memo)

End of Addendum No. 2

**BID MANUAL &
REQUEST FOR PROPOSAL
ADDENDUM #2**

for
Component Construction Services
for
Wrangell Medical Center .
Wrangell, Alaska
April 12, 2012



WHERE INNOVATION AND IMPLEMENTATION MEET

ADDENDUM #2
Component Contractor
Wrangell Medical Center

This addendum modifies the Bid Manual dated March 21, 2012 as described below.

EXHIBIT A- ENUMERATION OF THE DOCUMENTS

Construction Documents for the project are comprised of the following drawings and specifications:

Volume 0-	Notice Inviting Bids	March 29, 2012
Volume 0-	Component Construction Bid Manual	March 21, 2012
Volume 1-	Division 1 Specifications	March 21, 2012
Volume 1-	Early Release Package-Site	March 21, 2012
Volume 2-	Structural Specifications	March 28, 2012
Volume 2-	Early Release Package-Structure	March 28, 2012
Volume 3-	Architectural & MPE Specifications	March 21, 2012
Volume 3-	Architectural & MPE	March 21, 2012
Volume 4-	Vendor Package Specifications (Not included in Base Bid- For reference only)	March 21, 2012
Volume 4-	Vendor Package Drawings (Not included in Base Bid- For reference only)	March 21, 2012

The bid form has been modified as included herein for the bidder to include add-alternate pricing for the provision of the following systems described in Volume 4:

(5) Electronic Door Access Systems & (12) Ethernet Infrastructure

EXHIBIT C- A101 -2007 Referenced sections are hereby modified to read as follows:

§ 6.2 BINDING DISPUTE RESOLUTION

For any Claim subject to, but not resolved by, mediation pursuant to Section 15.3 of AIA Document A201–2007, the method of binding dispute resolution shall be as follows:

(Check the appropriate box. If the Owner and Contractor do not select a method of binding dispute resolution below, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction.)

Arbitration pursuant to Section 15.4 of AIA Document A201–2007

The Superior Court for the State of Alaska, First Judicial District at Wrangell, Alaska, shall be the exclusive jurisdiction and venue for any action of any kind and any nature arising out of or related in any way to this Agreement or the General Conditions.

Other (*Specify*)



EXHIBIT D- A201 – 2007 Referenced sections are hereby modified to read as follows:

§ 3.10.1 The Contractor, promptly after being awarded the Contract, shall prepare and submit for the Owner's and Architect's information a Contractor's construction schedule for the Work. The schedule shall not exceed time limits current under the Contract Documents, shall be revised at appropriate intervals as required by the conditions of the Work and Project, shall be related to the entire Project to the extent required by the Contract Documents, and shall provide for expeditious and practicable execution of the Work. The failure of the Contractor to comply with this provision shall constitute a material breach of the contract.

§ 3.18.1 To the fullest extent permitted by law the Contractor shall defend, indemnify and hold harmless the Owner, its Assembly members, officers, employees, consultants and agents and the Architect, Architect's consultants, and agents and employees of any of them from and against claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the Work, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), caused by the negligent or intentional acts or omissions of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss or expense is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity which would otherwise exist as to a party or person described in this Section 3.18.

§ 10.3.3 To the fullest extent permitted by law, the Owner shall indemnify and hold harmless the Contractor, Subcontractors, Architect, Architect's consultants and agents and employees of any of them from and against claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the Work in the affected area if in fact the material or substance presents the substantial risk of bodily injury or death as described in Section 10.3.1 and has not been rendered harmless, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), except to the extent that such damage, loss or expense is due to the fault or negligence of the party seeking indemnity. The Owner shall not be responsible for indemnification under this provision as to any hazardous material not identified in the contract documents due to the negligent omission of the identification by any Contractor with responsibility to advise the Owner as to the such materials or to prepare the contract documents that include the hazardous material list.

§ 10.3.5 The Contractor shall defend and indemnify the Owner for the cost and expense the Owner incurs, including as related to the cost, expenses and fines related to any administrative proceeding (1) for remediation of a material or substance the Contractor brings to the site and negligently handles, or (2) where the Contractor fails to perform its obligations under Section 10.3.1, except to the extent that the cost and expense are due to the Owner's fault or negligence.

13.1.2 Has been deleted in it's entirety.

§ 15.1.6 CLAIMS FOR CONSEQUENTIAL DAMAGES

The Contractor and Owner waive Claims against each other for consequential damages arising out of or relating to this Contract. This mutual waiver includes

- .1 damages incurred by the Owner for rental expenses, for losses of use, income, profit, financing, business and reputation, and for loss of management or employee productivity or of the services of such persons; and
- .2 damages incurred by the Contractor for principal office expenses including the compensation of personnel stationed there, for losses of financing, business and reputation, and for loss of profit.

This provision does not limit in any way the Owner's right to liquidated damages.

This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination in accordance with Article 14. Nothing contained in this Section 15.1.6 shall be deemed to preclude an award of liquidated damages, when applicable, in accordance with the requirements of the Contract Documents.

EXHIBIT G- Prevailing Wage Rates

The Alaska Department of Labor Rates published in Pamphlet 600 dated April 1, 2012 shall replace those rates previously published. The higher of the Alaska and US Dept of Labor wage rates shall prevail.

Note: The employment preference for Alaskan residents does not apply to federally funded projects.

EXHIBIT I – Medical Equipment Checklist

The revised checklist included herein shall replace the list previously published.

Wrangell Medical Center
3/23/12
COMPONENT CONTRACTOR BID FORM
Additional Provisions & Bid Form- 1

Date:	_____	Federal Tax I.D. #	_____
Bidder:	_____	Status:	<input type="checkbox"/> Small Business <input type="checkbox"/> FBE
AK License Number:	_____		<input type="checkbox"/> MBE <input type="checkbox"/> DVBE
By (Please print)	_____		<input type="checkbox"/> Other
Title:	_____	Organization:	<input type="checkbox"/> Individual <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation <input type="checkbox"/> Joint Venture
(Seal if Corporation)			
Signature:	_____		
Mailing Address:	_____		
Street Address:	_____		
City, State & Zip:	_____		
Telephone/Fax:	_____		
Email:	_____		

In accordance with the Drawings, Specifications and Additional Provisions we submit the following proposal to provide all work required and described in:

1. Scope(s) Bidding
2. Insurance is included in accordance with the minimum limits stated in this RFP Manual and per Bid Package Requirements.
3. We acknowledge the following Addenda: _____
4. Firm acknowledges review and understanding of all Bid Documents.
 - a. Construction Documents & Specifications
 - b. AHFD Bid Manual & RFP
5. Firm acknowledges the Contractor Agreement forms and will sign without modification
6. Included in the proposed amount the firm considered escalations and the scheduled period of time and sequencing of work.
7. Firm acknowledges that Davis Bacon and State of Alaska wage rate requirements are required for this project.
8. Firm acknowledges that a bid is good for 60 days.
9. Firm acknowledges that a Bid Bond is required.

Wrangell Medical Center
3/23/12
COMPONENT CONTRACTOR BID FORM
Additional Provisions & Bid Form- 2

Please provide your own documents **in addition** to this form as required to complete your response.

Price Breakdowns for the Work included in the STIPULATED SUM

FABRICATION, MOVEMENT AND INSTALLATION OF COMPONENTS

1. Provide a STIPULATED SUM in US Dollars for the complete scope of work described herein, inclusive of but not limited to permits, fees, insurance, payment and performance bond, materials, and labor at applicable prevailing wage rates including final placement and completion of the hospital ready for intended use by the owner.

Overhead & General Conditions

- A. Personnel (Provide Rate Schedule)
 - B. Facilities & Mobilization
 - C. Temporary Utilities
 - D. Equipment (Crane, etc.)
 - E. Maintenance & Cleaning
 - F. Travel / Moving Expenses
 - G. Safety
 - H. Insurance
 - I. Bonds
 - J. Other
- SUB-TOTAL \$ _____

Fabrication Drawings

- A. Production of Component Fabrication Drawings
- SUB-TOTAL \$ _____

Construction/Fabrication

- A. Component Fabrication
 - B. Installation/Completion
 - C. Inspections/Permits
 - D. Other
- SUB-TOTAL \$ _____

2. The STIPULATED SUM shall be inclusive of complete transportation of components from the factory to the hospital site including but not limited to applicable insurance costs, dock fees, staging area leases, barge leases, permits, etc. as listed below. *(Final placement by crane onto the foundation bearing points is to be included under Construction above.)*

Transportation/Shipping

- A. Personnel (Provide Rate Schedule)
- B. Loading/Unloading
- C. Trucking- Factory to Port

Wrangell Medical Center
 3/23/12
COMPONENT CONTRACTOR BID FORM
 Additional Provisions & Bid Form- 3

D. Shipping- Port to Port
 E. Trucking- Port to Site
 F. Rentals (cranes/barges/trailers)
 G. Fees/Permits
 H. Insurance
 I. Other
 SUB- TOTAL \$ _____

STIPULATED SUM & GRAND TOTAL \$ _____

D. PROJECT DURATION 17 Months TOTAL
 (Construction Duration is defined as the total period of time in months between project start, when the Component Constructor is given Notice-to-Proceed to begin fabrication drawings and project conclusion at Certificate of Occupancy and final completion of punch lists.)

- | | |
|---|----------|
| 1. Fabrication Drawings- prep & approval (initiated by a Notice to Proceed) | 3 months |
| 2. Component Fabrication duration (initiated by a Notice to Proceed) | 8 months |
| 3. Transportation Duration | 1 months |
| 4. On-site Assembly and Substantial Completion | 4 months |
| 5. Commissioning and Final Completion | 1 months |

E. STANDARD INSURANCE COVERAGES (Listed coverages and limits.)
 Commercial General Liability –
 \$2,000,000 Each Occurrence
 \$4,000,000 General Aggregate
 \$1,000,000 Personal & Advertising Injury
 \$2,000,000 Products Completed Operations Aggregate
 \$2,000,000 Automobile Liability Each accident
 \$10,000,000 Excessive Liability

F. BONDING CAPACITY (List single project and total bonding capacity for your firm)
 Payment & Performance Bond- 100% of Contract Amount
 Bid Security- 5% of Bid

G. ALTERNATES:

1. Volume 4- Electronic Door Access Systems (5)	\$ _____
2. Volume 4- Ethernet Infrastructure (12)	\$ _____

H. VOLUNTARY ALTERNATES & VE (provide description):

\$ _____
 \$ _____
 \$ _____

Wrangell Medical Center
3/23/12
COMPONENT CONTRACTOR BID FORM
Additional Provisions & Bid Form- 4

I. Unit Prices on Major Material and Labor Rates:

(Please provide for assessing implications of changes to the documents, if any):

1. REFER TO THE BID PACKAGE \$ _____/_____

J. Budgeted Quantities (Please provide for fair comparison and evaluation):

1. REFER TO BID PACKAGE _____

SIGNATURE & TITLE

(must be signed by person authorized to sign the Contract Agreement)

-END OF FORM-



Laborers' & Mechanics' Minimum Rates of Pay

**Title 36. Public Contracts
AS 36.05 & AS 36.10
Wage & Hour Administration
Pamphlet No. 600**

State of Alaska
Department of Labor
and Workforce Development

Effective April 1, 2012
Issue 24



**ALASKA DEPARTMENT OF LABOR
& WORKFORCE DEVELOPMENT**

STATE OF ALASKA

DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT

OFFICE OF THE COMMISSIONER

Sean Parnell, Governor

P. O. Box 111149
Juneau, AK 99811-1149

PHONE: (907) 465-2700
FAX: (907) 465-2784

April 1, 2012

TO ALL CONTRACTING AGENCIES:

At the Alaska Department of Labor and Workforce Development, our goal is putting Alaskans to work. This pamphlet is designed to help contractors awarded public construction contracts understand the most significant laws of the State of Alaska pertaining to prevailing wage and resident hire requirements.

This pamphlet identifies current prevailing wage rates and resident hire classifications for public construction contracts (any construction projects awarded by the State of Alaska or its political subdivisions, such as local governments and certain non-profit organizations).

Because these rates may change, this publication is printed in the spring and fall of every year, so please be sure you are using the appropriate rates. The rates published in this edition become effective April 1, 2012.

All projects with a final bid date of April 11, 2012, or later, must pay the prevailing wage rates contained in this pamphlet. As the law now provides, these rates will remain stable during the life of a contract or for 24 calendar months, whichever is shorter. **The date the prime contract is awarded is the date from which the 24 months will be counted.** Upon expiration of the initial 24-month period, the latest wage rates issued by the department shall become effective for a subsequent 24-month period or until the original contract is completed, whichever occurs first. This process shall be repeated until the original contract is completed.

The term "original contract", as used herein, means the signed contract that resulted from the original bid and any amendments, including changes of work scope, additions, extensions, change orders, and other instruments agreed to by the parties that have not been subject to subsequent open bid procedures.

If a higher federal rate is required due to partial federal funding or other federal participation, the higher rate must be paid.

For additional copies of this pamphlet, contact the nearest office of the Division of Labor Standards and Safety, Wage and Hour office or visit the Internet site at:

<http://labor.state.ak.us/lss/pamp600.htm>

For questions regarding prevailing wage or resident hire requirements, please contact the nearest Wage and Hour office. These offices are listed on Page x.

Sincerely,



David G. Stone
Acting Commissioner

Table of Contents

Excerpts from Alaska Law

Sec. 36.05.005. Applicability.....	iii
Sec. 36.05.010. Wage rates on public construction.	iii
Sec. 36.05.040. Filing schedule of employees, wages paid and other information	iii
Sec. 36.05.045. Notice of work and completion; withholding of payment	iii
Sec. 36.05.060. Penalty for violation of this chapter	iv
Sec. 36.05.070. Wage rates in specifications and contracts for public works	iv
Sec. 36.05.080. Failure to pay agreed wages.....	iv
Sec. 36.05.090. Payment of wages from withheld payments and listing contractors who violate contracts	iv
Sec. 36.05.900. Definition.. ..	v

Additional Information

Laborer Classification Clarification.....	v
Accommodations and Per Diem	v
Apprentice Hiring Requirements	vi
Apprentice Rates.....	vi
Fringe Benefit Plans.....	vii
Special Prevailing Wage Rate Determination.....	vii
Request for Notice of Proposed Change of Labor Standards Regulations	viii
Alaska Hire Employment Preference.....	ix
Debarment List	x

Wage Rates	Pages 1-23
-------------------------	-------------------

EXCERPTS FROM ALASKA LAW

(The following statute (36.05.005) applies to projects bid on or after October 20, 2011)

Sec. 36.05.005. Applicability.

This chapter applies only to a public construction contract that exceeds \$25,000.

Sec. 36.05.010. Wage rates on public construction.

A contractor or subcontractor who performs work on a public construction contract in the state shall pay not less than the current prevailing rate of wages for work of a similar nature in the region in which the work is done. The current prevailing rate of wages is that contained in the latest determination of prevailing rate of wages issued by the Department of Labor and Workforce Development at least 10 days before the final date for submission of bids for the contract. The rate shall remain in effect for the life of the contract or for 24 calendar months, whichever is shorter. At the end of the initial 24-month period, if new wage determinations have been issued by the department, the latest wage determination shall become effective for the next 24-month period or until the contract is completed, whichever occurs first. This process shall be repeated until the contract is completed.

Sec. 36.05.040. Filing schedule of employees, wages paid, and other information.

All contractors or subcontractors who perform work on a public construction contract for the state or for a political subdivision of the state shall, before the Friday of every second week, file with the Department of Labor and Workforce Development a sworn affidavit for the previous reporting period, setting out in detail the number of persons employed, wages paid, job classification of each employee, hours worked each day and week, and other information on a form provided by the Department of Labor and Workforce Development.

Sec. 36.05.045. Notice of work and completion; withholding of payment.

- (a) Before commencing work on a public construction contract, the person entering into the contract with a contracting agency shall designate a primary contractor for purposes of this section. Before work commences, the primary contractor shall file a notice of work with the Department of Labor and Workforce Development. The notice of work must list work to be performed under the public construction contract by each contractor who will perform any portion of work on the contract and the contract price being paid to each contractor. The primary contractor shall pay all filing fees for each contractor performing work on the contract, including a filing fee based on the contract price being paid for work performed by the primary contractor's employees. The filing fee payable shall be the sum of all fees calculated for each contractor. The filing fee shall be one percent of each contractor's contract price. The total filing fee payable by the primary contractor under this subsection may not exceed \$5,000. In this subsection, "contractor" means an employer who is using employees to perform work on the public construction contract under the contract or a subcontract.
- (b) Upon completion of all work on the public construction contract, the primary contractor shall file with the Department of Labor and Workforce Development a notice of completion together with payment of any additional filing fees owed due to increased contract amounts. Within 30 days after the department's receipt of the primary contractor's notice of completion, the department shall inform the contracting agency of the amount, if any, to be withheld from the final payment.
- (c) A contracting agency
 - (1) may release final payment of a public construction contract to the extent that the agency has received verification from the Department of Labor and Workforce Development that
 - (A) the primary contractor has complied with (a) and (b) of this section;
 - (B) the Department of Labor and Workforce Development is not conducting an investigation under this title; and
 - (C) the Department of Labor and Workforce Development has not issued a notice of a violation of this chapter to the primary contractor or any other contractors working on the public construction contract; and

- (2) shall withhold from the final payment an amount sufficient to pay the department's estimate of what may be needed to compensate the employees of any contractors under investigation on this construction contract, and any unpaid filing fees.
- (d) The notice and filing fee required under (a) of this section may be filed after work has begun if
 - (1) The public construction contract is for work undertaken in immediate response to an emergency; and
 - (2) The notice and fees are filed not later than 14 days after the work has begun.
- (e) A false statement made on a notice required by this section is punishable under AS 11.56.210.

Sec. 36.05.060. Penalty for violation of this chapter.

A contractor who violates this chapter is guilty of a misdemeanor and upon conviction is punishable by a fine of not less than \$100 nor more than \$1,000, or by imprisonment for not less than 10 days nor more than 90 days, or by both. Each day a violation exists constitutes a separate offense.

Sec. 36.05.070. Wage rates in specifications and contracts for public works.

- (a) The advertised specifications for a public construction contract that requires or involves the employment of mechanics, laborers, or field surveyors must contain a provision stating the minimum wages to be paid various classes of laborers, mechanics, or field surveyors and that the rate of wages shall be adjusted to the wage rate under AS 36.05.010.
- (b) Repealed by §17 ch 142 SLA 1972.
- (c) A public construction contract under (a) of this section must contain provisions that
 - (1) the contractor or subcontractors of the contractor shall pay all employees unconditionally and not less than once a week;
 - (2) wages may not be less than those stated in the advertised specifications, regardless of the contractual relationship between the contractor or subcontractors and laborers, mechanics, or field surveyors;
 - (3) the scale of wages to be paid shall be posted by the contractor in a prominent and easily accessible place at the site of the work;
 - (4) the state or a political subdivision shall withhold so much of the accrued payments as is necessary to pay to laborers, mechanics, or field surveyors employed by the contractor or subcontractors the difference between
 - (A) the rates of wages required by the contract to be paid laborers, mechanics, or field surveyors on the work; and
 - (B) the rates of wages in fact received by laborers, mechanics, or field surveyors.

Sec. 36.05.080. Failure to pay agreed wages.

Every contract within the scope of AS 36.05.070 shall contain a provision that if it is found that a laborer, mechanic, or field surveyor employed by the contractor or subcontractor has been or is being paid a rate of wages less than the rate of wages required by the contract to be paid, the state or its political subdivision may, by written notice to the contractor, terminate the contractor's right to proceed with the work or the part of the work for which there is a failure to pay the required wages and to prosecute the work to completion by contract or otherwise, and the contractor and the contractor's sureties are liable to the state or its political subdivision for excess costs for completing the work.

Sec. 36.05.090. Payment of wages from withheld payments and listing contractors who violate contracts.

- (a) The state disbursing officer in the case of a state public construction contract and the local fiscal officer in the case of a political subdivision public construction contract shall pay directly to laborers, mechanics, or field surveyors from accrued payments withheld under the terms of the contract the wages due laborers, mechanics, or field surveyors under AS 36.05.070.
- (b) The state disbursing officer or the local fiscal officer shall distribute to all departments of the state government and to all political subdivisions of the state a list giving the names of persons who have disregarded their obligations to employees. A person appearing on this list and a firm, corporation,

partnership, or association in which the person has an interest may not work as a contractor or subcontractor on a public construction contract for the state or a political subdivision of the state until three years after the date of publication of the list. If the accrued payments withheld under the contract are insufficient to reimburse all the laborers, mechanics, or field surveyors with respect to whom there has been a failure to pay the wages required under AS 36.05.070, the laborers, mechanics, or field surveyors have the right of action or intervention or both against the contractor and the contractor's sureties conferred by law upon persons furnishing labor or materials, and in the proceedings it is not a defense that the laborers, mechanics, or field surveyors accepted or agreed to accept less than the required rate of wages or voluntarily made refunds.

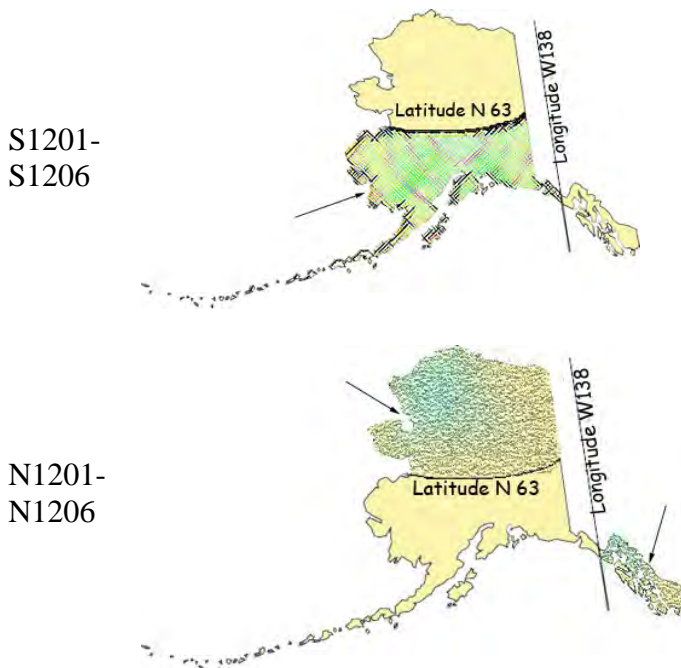
Sec. 36.05.900. Definition.

In this chapter, "contracting agency" means the state or a political subdivision of the state that has entered into a public construction contract with a contractor.

ADDITIONAL INFORMATION

LABORER CLASSIFICATION CLARIFICATION

The laborer rates categorized in class code S1201-S1206 apply in one area of Alaska; the area that is south of N63 latitude and west of W138 Longitude. The laborer rates categorized in class code N1201-N1206 apply in two areas of Alaska; the Alaska areas north of N63 latitude and east of W138 longitude. The following graphic representations should assist with clarifying the applicable wage rate categories:



ACCOMMODATIONS AND PER DIEM

The Alaska Department of Labor and Workforce Development has adopted a per diem requirement for blocklayers, bricklayers, carpenters, dredgemen, heat & frost insulators/asbestos workers, ironworkers, laborers, operative plasterers & cement masons, painters, piledrivers, power equipment operators, roofers, surveyors, truck

drivers/surveyors, and tunnel workers. This per diem rate creates an allowable alternative to providing board and lodging under the following conditions:

Employer-Provided Camp or Suitable Accommodations

Unless otherwise approved by the Commissioner, the employer shall ensure that a worker who is employed on a project that is 65 road miles or more from the international airport in either Fairbanks, Juneau or Anchorage or is inaccessible by road in a 2-wheel drive vehicle and who is not a domiciled resident of the locality of the project shall receive meals and lodging. Lodging shall be in accordance with all applicable state and federal laws. In cases where the project site is not road accessible, but the employee can reasonably get to the project worksite from their permanent residence within one hour, the Commissioner may waive these requirements for that employee upon a written request from the employer.

The term “domiciled resident” means a person living within 65 road miles of the project, or in the case of a highway project, the mid-point of the project, for at least 12 consecutive months prior to the award of the project. However, if the employer or person provides sufficient evidence to convince the department that a person has established a permanent residence and an intent to remain indefinitely within the distance to be considered a “domiciled resident,” the employer shall not be required to provide meals and lodging or pay per diem.

Where the employer provides or furnishes board, lodging or any other facility, the cost or amount thereof shall not be considered or included as part of the required prevailing wage basic hourly rate and cannot be applied to meet other fringe benefit requirements. The taxability of employer provided board and lodging shall be determined by the appropriate taxation enforcement authority.

Per Diem

Employers are encouraged to use commercial facilities and lodges; however, when such facilities are not available, per diem in lieu of meals and lodging must be paid at the basic rate of \$75.00 per day, or part thereof, the worker is employed on the project. Per diem shall not be allowed on highway projects west of Livengood on the Elliott Highway, at Mile 0 of the Dalton Highway to the North Slope of Alaska, north of Mile 20 on the Taylor Highway, east of Chicken, Alaska, on the Top of the World Highway and south of Tetlin Junction to the Alaska-Canada border.

The above-listed standards for room and board and per diem only apply to the crafts as identified in Pamphlet 600, *Laborers’ and Mechanics’ Minimum Rates of Pay*. Other crafts working on public construction projects shall be provided room and board at remote sites based on the department’s existing policy guidelines.

APPRENTICE HIRING REQUIREMENTS

On July 24, 2005, Administrative Order No. 226 established a 15 percent goal for hiring apprentices in certain job categories on highway, airport, harbor, dam, tunnel, utility or dredging projects awarded by the Alaska Department of Transportation and Public Facilities that exceed \$2.5 million. This Order will apply to all projects in the referenced categories that are advertised after September 1, 2005. On these projects, the hours worked by apprentices will be compared to the hours worked by journeyman level workers to determine if the 15 percent goal has been met. This on-the-job training goal is critical to ensure that the Alaska work force is prepared for the future. For additional details, contact the nearest Wage and Hour office at the address listed on Page ix of this publication. Administrative Order No. 226 may be viewed in its entirety on the Internet at <http://www.gov.state.ak.us/admin-orders/226.html> or call any Wage and Hour office to receive a faxed copy.

APPRENTICE RATES

Apprentice rates at less than the minimum prevailing rates may be paid to apprentices according to an apprentice program which has been registered and approved by the Commissioner of the Alaska Department of Labor and

Workforce Development in writing, or according to a bona fide apprenticeship program registered with the Employment and Training Administration Office of Apprenticeship and Training, U.S. Department of Labor. **Any employee listed on a payroll at an apprentice wage rate who is not registered as above shall be paid the journeyman prevailing minimum wage in that work classification.** Wage rates are based on prevailing crew makeup practices in Alaska and apply to work performed regardless of either the quality of the work performed by the employee or the titles or classifications which may be assigned to individual employees.

FRINGE BENEFIT PLANS

Contractors/subcontractors may compensate fringe benefits to their employees in any one of three methods. The fringe benefits may be paid into a union trust fund, into an approved benefit plan, or paid directly on the paycheck as gross wages.

Where fringe benefits are paid into approved plans, funds, or programs including union trust funds, the payments must be contributed at least monthly. If contractors submit their own payroll forms and are paying fringe benefits into approved plans, funds, or programs, the employer's certification must include, in addition to those requirements of 8 AAC 30.020(c), a statement that fringe benefit payments have been or will be paid at least monthly. Contractors who pay fringe benefits to a plan must ensure the plan is one approved by the Internal Revenue Service and that the plan meets the requirements of 8 AAC 30.025 (eff. 3/2/08) in order for payments to be credited toward the prevailing wage obligation.

SPECIAL PREVAILING WAGE RATE DETERMINATION

Special prevailing wage rate determinations may be requested for special projects or a special worker classification if the work to be performed does not conform to traditional public construction for which a prevailing wage rate has been established under 8 AAC 30.050(a) of this section. Requests for special wage rate determinations must be in writing and filed with the Commissioner at least 30 days before the award of the contract. An applicant for a special wage rate determination shall have the responsibility to support the necessity for the special rate. An application for a special wage rate determination filed under this section must contain:

- (1) a specification of the contract or project on which the special rates will apply and a description of the work to be performed;
- (2) a brief narrative explaining why special wage rates are necessary;
- (3) the job class or classes involved;
- (4) the special wage rates the applicant is requesting, including survey or other relevant wage data to support the requested rates;
- (5) the approximate number of employees who would be affected; and
- (6) any other information which might be helpful in determining if special wage rates are appropriate.

Requests made pursuant to the above should be addressed to:

Director
Alaska Department of Labor and Workforce Development
Labor Standards & Safety Division
Wage and Hour Administration
P.O. Box 111149
Juneau, AK 99811-1149

-or-

Email: anchorage.lss-wh@alaska.gov

**LABOR STANDARDS REGULATIONS
NOTICE REQUEST**

If you would like to receive *notices of proposed changes to regulations* for Wage and Hour or Mechanical Inspection, please indicate below the programs for which you are interested in receiving such notices, print your name and email or mailing address in the space provided, and send this page to:

Alaska Department of Labor and Workforce Development
Labor Standards & Safety Division
Wage and Hour Administration
3301 Eagle St., Suite 301
Anchorage, AK 99503-4149
Email: anchorage.lss-wh@alaska.gov

For *REGULATIONS* information relating to any of the following:

- Wage and Hour Title 23 Employment Practices
- Wage and Hour Title 36 Public Works
- Employment Agencies
- Child Labor
- Employment Preference (Local Hire)
- Plumbing Code
- Electrical Code
- Boiler/Pressure Vessel Construction Code
- Elevator Code
- Certificates of Fitness
- Recreational Devices

For information on any of the following *SEMINARS*:

- Electrical Plumbing Boiler

Request any of the following *PUBLICATIONS* by checking below:

- Wage and Hour Title 23 Employment Practices
- Minimum Wage & Overtime Poster
- Child Labor Poster
- Public Construction Pamphlet
- Public Construction Wage Rates
- Child Labor Pamphlet

PLEASE NOTE: DUE TO INCREASED MAILING AND PRINTING COSTS, ONLY ONE OF EACH PUBLICATION REQUESTED WILL BE MAILED TO YOU. IF YOU WISH TO RECEIVE ADDITIONAL COPIES OR SUBSEQUENT PUBLICATIONS, PLEASE CONTACT OUR OFFICE AT (907) 269-4900.

Name: _____

Mailing Address: _____

Email Address: _____

EMPLOYMENT PREFERENCE INFORMATION

By authority of A.S. 36.10.150 and 8 AAC 30.064, the Commissioner of Labor and Workforce Development has determined the State of Alaska to be a Zone of Underemployment. A Zone of Underemployment requires that Alaska residents who are eligible under AS 36.10.140 be given a minimum of 90 percent employment preference on public works contracts throughout the state in certain job classifications. **This hiring preference applies on a project-by-project, craft-by-craft or occupational basis and must be met each workweek by each contractor/subcontractor.**

The following classifications qualify for a minimum of 90 percent Alaska resident hire preference:

Boilermakers	Foremen & Supervisors	Plumbers and Pipefitters
Bricklayers	Insulation Workers	Roofers
Carpenters	Ironworkers	Sheet Metal Workers
Cement Masons	Laborers	Surveyors
Culinary Workers	Mechanics	Truck Drivers
Electricians	Millwrights	Tug Boat Workers
Engineers and Architects	Painters	Welders
Equipment Operators	Piledriving Occupations	

This determination became effective July 1, 2011, and remains in effect until June 30, 2013.

The first person on a certified payroll in any classification is called the "first worker" and is not required to be an Alaskan resident. However, once the contractor adds any more workers in the classification, then all workers in the classification are counted, and the 90 percent is applied to compute the number of required Alaskans to be in compliance. To compute the number of Alaskan residents required in a workweek in a particular classification, multiply the number of workers in the classification by 90 percent. The result is then rounded down to the nearest whole number to determine the number of Alaskans that must be employed.

If a worker works in more than one classification during a week, the classification in which they spent the most time would be counted for employment preference purposes. If the time is split evenly between two classifications, the worker is counted in both classifications.

If you have difficulty meeting the 90 percent requirement, an approved waiver must be obtained before a non-Alaskan resident is hired who would put the contractor/subcontractor out of compliance (8 AAC 30.081 (e) (f)). The waiver process requires proof of an intensive search for qualified Alaskan workers. To apply for a waiver, contact the nearest Wage and Hour Office for instructions.

Here is an example to apply the 90 percent requirement to four boilermaker workers. Multiply four workers by 90% and drop the fraction ($.90 \times 4 = 3.6 - .6 = 3$). The remaining number is the number of Alaskan resident boilermakers required to be in compliance in that particular classification for that week.

The penalties for being out of compliance are serious. AS 36.10.100 (a) states "A contractor who violates a provision of this chapter shall have deducted from amounts due to the contractor under the contract the prevailing wages which should have been paid to a displaced resident, and these amounts shall be retained by the contracting agency." If a contractor/subcontractor is found to be out of compliance, penalties accumulate until they come into compliance.

If you have difficulty determining whether a worker is an Alaska resident, you should contact the nearest Wage and Hour Office. Contact Wage and Hour in Anchorage at (907) 269-4900, in Fairbanks at (907) 451-2886, or in Juneau at (907) 465-4842.

**Alaska Department of Labor and Workforce Development
Labor Standards & Safety Division
Wage and Hour Administration
Web site: <http://labor.state.ak.us/lss/home.htm>**

Anchorage

3301 Eagle St., Suite 301
Anchorage, Alaska 99503-4149
Phone: (907) 269-4900

Email:
anchorage.lss-wh@alaska.gov

Juneau

1111 W. 8th Street, Suite 302
Juneau, Alaska 99801
Phone: (907) 465-4842

Email:
juneau.lss-wh@alaska.gov

Fairbanks

Regional State Office Building
675 7th Ave., Station J-1
Fairbanks, Alaska 99701-4593
Phone: (907) 451-2886

Email:
fairbanks.lss@alaska.gov

DEBARMENT LIST

AS 36.05.090(b) states that “the state disbursing officer or the local fiscal officer shall distribute to all departments of the state government and to all political subdivisions of the state a list giving the names of persons who have disregarded their obligations to employees.”

A person appearing on the following debarment list and a firm, corporation, partnership, or association in which the person has an interest may not work as a contractor or subcontractor on a public construction contract for the state or a political subdivision of the state for three years from the date of debarment.

Company Name

Date of Debarment

Debarment Expires

No companies are currently debarred.

Laborers' & Mechanics' Minimum Rates of Pay

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other Benefits	THR
------------	--	-----	-----	-----	-----	----------------	-----

Boilermakers

						VAC	SAF	
A0101	Boilermaker (journeyman)	41.85	8.57	13.30	0.75	3.00	0.34	67.81

Bricklayers & Blocklayers

**See note on last page if remote site

						L&M		
A0201	Blocklayer	37.39	8.55	8.50	0.55	0.15	0.23	55.37
	Bricklayer							
	Marble or Stone Mason							
	Refractory Worker (Firebrick, Plastic, Castable, and Gunitite Refractory Applications)							
	Terrazzo Worker							
	Tile Setter							

						L&M		
A0202	Tuck Pointer Caulker Cleaner (PCC)	37.39	8.55	8.50	0.55	0.15	0.23	55.37

						L&M		
A0203	Marble & Tile Finisher	31.78	8.55	8.50	0.55	0.15	0.23	49.76
	Terrazzo Finisher							

						L&M		
A0204	Torginal Applicator	35.55	8.55	8.50	0.55	0.15	0.23	53.53

Carpenters, Statewide

**See note on last page if remote site

						L&M	SAF	
A0301	Carpenter (journeyman)	35.49	8.80	10.78	0.80	0.10	0.15	56.12
	Lather/Drywall/Acoustical							

Cement Masons, Region I (North of N63 latitude)

**See note on last page if remote site

						L&M		
N0401	Group I, including:	33.68	6.42	11.80	0.85	0.10		52.85
	Application of Sealing Compound							
	Application of Underlayment							
	Building, General							
	Cement Mason (journeyman)							
	Concrete							
	Concrete Paving							
	Curb & Gutter, Sidewalk							
	Curing of All Concrete							
	Grouting & Caulking of Tilt-Up Panels							
	Grouting of All Plates							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other Benefits	THR
------------	--	-----	-----	-----	-----	----------------	-----

Cement Masons, Region I (North of N63 latitude)

**See note on last page if remote site

							L&M	
N0401	Group I, including:	33.68	6.42	11.80	0.85	0.10	52.85	
	Patching Concrete							
	Screed Pin Setter							
	Spackling/Skim Coating							
N0402	Group II, including:	33.68	6.42	11.80	0.85	0.10	52.85	
	Form Setter							
N0403	Group III, including:	33.68	6.42	11.80	0.85	0.10	52.85	
	Concrete Saw (self-powered)							
	Curb & Gutter Machine							
	Floor Grinder							
	Pneumatic Power Tools							
	Power Chipping & Bushing							
	Sand Blasting Architectural Finish							
	Screed & Rodding Machine Operator							
	Troweling Machine Operator							
N0404	Group IV, including:	33.68	6.42	11.80	0.85	0.10	52.85	
	Application of All Composition Mastic							
	Application of All Epoxy Material							
	Application of All Plastic Material							
	Finish Colored Concrete							
	Gunite Nozzleman							
	Hand Powered Grinder							
	Tunnel Worker							
N0405	Group V, including:	33.93	6.42	11.80	0.85	0.10	53.10	
	Plasterer							

Cement Masons, Region II (South of N63 latitude)

**See note on last page if remote site

							L&M	
S0401	Group I, including:	33.43	6.42	11.80	0.85	0.10	52.60	
	Application of Sealing Compound							
	Application of Underlayment							
	Building, General							
	Cement Mason (journeyman)							
	Concrete							
	Concrete Paving							
	Curb & Gutter, Sidewalk							
	Curing of All Concrete							
	Grouting & Caulking of Tilt-Up Panels							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other Benefits	THR
------------	--	-----	-----	-----	-----	----------------	-----

Cement Masons, Region II (South of N63 latitude)

**See note on last page if remote site

						L&M	
S0401	Group I, including:	33.43	6.42	11.80	0.85	0.10	52.60
	Grouting of All Plates						
	Patching Concrete						
	Screed Pin Setter						
	Spackling/Skim Coating						
						L&M	
S0402	Group II, including:	33.43	6.42	11.80	0.85	0.10	52.60
	Form Setter						
						L&M	
S0403	Group III, including:	33.43	6.42	11.80	0.85	0.10	52.60
	Concrete Saw (self-powered)						
	Curb & Gutter Machine						
	Floor Grinder						
	Pneumatic Power Tools						
	Power Chipping & Bushing						
	Sand Blasting Architectural Finish						
	Screed & Rodding Machine Operator						
	Troweling Machine Operator						
						L&M	
S0404	Group IV, including:	33.43	6.42	11.80	0.85	0.10	52.60
	Application of All Composition Mastic						
	Application of All Epoxy Material						
	Application of All Plastic Material						
	Finish Colored Concrete						
	Gunite Nozzleman						
	Hand Powered Grinder						
	Tunnel Worker						
						L&M	
S0405	Group V, including:	33.68	6.42	11.80	0.85	0.10	52.85
	Plasterer						

Culinary Workers * See note on last page

						LEG	
A0501	Baker/Cook	24.17	4.87	5.06		0.05	34.15
						LEG	
A0503	General Helper	21.12	4.87	5.06		0.05	31.10
	Housekeeper						
	Janitor						
	Kitchen Helper						
						LEG	
A0504	Head Cook	24.72	4.87	5.06		0.05	34.70

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
------------	--	-----	-----	-----	-----	-------	----------	-----

Culinary Workers * See note on last page

A0505	Head Housekeeper	21.54	4.87	5.06			LEG	31.52
	Head Kitchen Help							

Dredgemen

**See note on last page if remote site

A0601	Assistant Engineer, including:	36.66	9.00	9.00	1.00		L&M	55.76
	Craneman							
	Electrical Generator Operator (primary pump/power barge/dredge)							
	Engineer							
	Welder							
A0602	Assistant Mate (deckhand)	35.50	9.00	9.00	1.00		L&M	54.60
A0603	Fireman	35.94	9.00	9.00	1.00		L&M	55.04
A0605	Leverman Clamshell	39.19	9.00	9.00	1.00		L&M	58.29
A0606	Leverman Hydraulic	37.43	9.00	9.00	1.00		L&M	56.53
A0607	Mate & Boatman	36.66	9.00	9.00	1.00		L&M	55.76
A0608	Oiler (dredge)	35.94	9.00	9.00	1.00		L&M	55.04

Electricians

A0701	Inside Cable Splicer	39.77	9.63	12.59	0.75		L&M	LEG	63.09
A0702	Inside Journeyman Wireman, including:	38.02	9.63	12.54	0.75		L&M	LEG	61.29
	Communications and Technicians								
A0703	Power Cable Splicer	49.92	9.63	15.15	0.65		L&M	LEG	75.70
A0704	Tele Com Cable Splicer	47.43	9.63	14.58	0.65		L&M	LEG	72.64
A0705	Power Journeyman Lineman, including:	48.17	9.63	15.10	0.65		L&M	LEG	73.90
	Power Equipment Operator								
	Technician								
A0706	Tele Com Journeyman Lineman, including:	45.68	9.63	14.52	0.65		L&M	LEG	70.83
	Technician								
	Tele Com Equipment Operator								

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
------------	--	-----	-----	-----	-----	-------	----------	-----

Electricians

						L&M	LEG	
A0707	Straight Line Installer - Repairman	45.68	9.63	14.52	0.65	0.20	0.15	70.83
						L&M	LEG	
A0708	Powderman	46.17	9.63	15.04	0.65	0.20	0.15	71.84
						L&M	LEG	
A0710	Material Handler	25.90	9.14	4.53	0.15	0.15	0.15	40.02
						L&M	LEG	
A0712	Tree Trimmer Groundman	25.30	9.63	9.41	0.15	0.15	0.15	44.79
						L&M	LEG	
A0713	Journeyman Tree Trimmer	33.62	9.63	9.66	0.15	0.15	0.15	53.36
						L&M	LEG	
A0714	Vegetation Control Sprayer	36.92	9.63	9.76	0.15	0.15	0.15	56.76

Elevator Workers

						L&M	VAC	
A0802	Elevator Constructor	34.32	11.03	11.96	0.55	0.30	3.12	61.28
						L&M	VAC	
A0803	Elevator Constructor Mechanic	49.04	11.03	11.96	0.55	0.30	5.44	78.32

Heat & Frost Insulators/Asbestos Workers
 **See note on last page if remote site

						SAF		
A0902	Asbestos Abatement-Mechanical Systems	33.58	7.84	9.36	0.60	0.12		51.50
						SAF		
A0903	Asbestos Abatement/General Demolition All Systems	33.58	7.84	9.36	0.60	0.12		51.50
						SAF		
A0904	Insulator, Group II	33.58	7.84	9.36	0.60	0.12		51.50
						SAF		
A0905	Fire Stop	33.58	7.84	9.36	0.60	0.12		51.50

IronWorkers
 **See note on last page if remote site

						L&M	IAF	
A1101	Ironworkers, including:	33.40	7.21	15.00	0.95	0.43	0.10	57.09
	Bender Operators							
	Bridge & Structural							
	Machinery Mover							
	Ornamental							
	Reinforcing							
	Rigger							
	Sheeter							
	Signalman							
	Stage Rigger							
	Toxic Haz-Mat Work							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

IronWorkers

**See note on last page if remote site

						L&M	IAF	
A1101	Ironworkers, including:	33.40	7.21	15.00	0.95	0.43	0.10	57.09
	Welder							
A1102	Helicopter	34.40	7.21	15.00	0.95	0.43	0.10	58.09
	Tower (energy producing windmill type towers to include nacelle and blades)							
A1103	Fence/Barrier Installer	29.90	7.21	14.75	0.95	0.43	0.10	53.34
	Guard Rail Installer							
A1104	Guard Rail Layout Man	30.64	7.21	14.75	0.95	0.43	0.10	54.08

Laborers (The Alaska areas north of N63 latitude and east of W138 longitude)

**See note on last page if remote site

						L&M	LEG	
N1201	Group I, including:	29.00	6.42	12.25	1.20	0.20	0.15	49.22
	Asphalt Worker (shovelman, plant crew)							
	Brush Cutter							
	Camp Maintenance Laborer							
	Carpenter Tender or Helper							
	Choke Setter, Hook Tender, Rigger, Signalman							
	Concrete Labor (curb & gutter, chute handler, grouting, curing, screeding)							
	Crusher Plant Laborer							
	Demolition Laborer							
	Ditch Digger							
	Dumpman							
	Environmental Laborer (asbestos, hazard/toxic waste, oil spill)							
	Fence Installer							
	Fire Watch Laborer							
	Flagman							
	Form Stripper							
	General Laborer							
	Guardrail Laborer, Bridge Rail Installer							
	Hydro-seeder Nozzleman							
	Laborer, Building							
	Landscaper or Planter							
	Laying of Mortarless Decorative Block (retaining walls, flowered decorative block 4 feet or less - highway or landscape work)							
	Material Handler							
	Pneumatic or Power Tools							
	Portable or Chemical Toilet Serviceman							
	Pump Man or Mixer Man							
	Railroad Track Laborer							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Laborers (The Alaska areas north of N63 latitude and east of W138 longitude)

**See note on last page if remote site

					L&M	LEG	
N1201	Group I, including:	29.00	6.42	12.25	1.20	0.20	0.15 49.22
	Sandblast, Pot Tender						
	Saw Tender						
	Scaffold Building & Erecting						
	Slurry Work						
	Stake Hopper						
	Steam Cleaner Operator						
	Steam Point or Water Jet Operator						
	Tank Cleaning						
	Utiliwalk & Utilidor Laborer						
	Watchman (construction projects)						
	Window Cleaner						

					L&M	LEG	
N1202	Group II, including:	30.00	6.42	12.25	1.20	0.20	0.15 50.22
	Burning & Cutting Torch						
	Cement or Lime Dumper or Handler (sack or bulk)						
	Choker Splicer						
	Chucktender (wagon, air-track & hydraulic drills)						
	Concrete Laborer (power buggy, concrete saws, pumpcrete nozzleman, vibratorman)						
	Culvert Pipe Laborer						
	Cured Inplace Pipelayer						
	Environmental Laborer (marine work)						
	Foam Gun or Foam Machine Operator						
	Green Cutter (dam work)						
	Gunite Operator						
	Hod Carrier						
	Jackhammer or Pavement Breaker (more than 45 pounds)						
	Laser Instrument Operator						
	Laying of Mortarless Decorative Block (retaining walls, flowered decorative block over 4 feet - highway or landscape work)						
	Mason Tender & Mud Mixer (sewer work)						
	Pilot Car						
	Pipelayer Helper						
	Plasterer, Bricklayer & Cement Finisher Tender						
	Powderman Helper						
	Power Saw Operator						
	Railroad Switch Layout Laborer						
	Sandblaster						
	Sewer Caulker						
	Sewer Plant Maintenance Man						
	Thermal Plastic Applicator						
	Timber Faller, Chainsaw Operator, Filer						

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Laborers (The Alaska areas north of N63 latitude and east of W138 longitude)

**See note on last page if remote site

						L&M	LEG	
N1202	Group II, including:	30.00	6.42	12.25	1.20	0.20	0.15	50.22
	Timberman							

						L&M	LEG	
N1203	Group III, including:	30.90	6.42	12.25	1.20	0.20	0.15	51.12
	Bit Grinder							
	Camera/Tool/Video Operator							
	Guardrail Machine Operator							
	High Rigger & Tree Topper							
	High Scaler							
	Multiplate							
	Plastic Welding							
	Slurry Seal Squeegee Man							
	Traffic Control Supervisor							
	Welding Certified (in connection with laborer's work)							

						L&M	LEG	
N1204	Group IIIA	34.18	6.42	12.25	1.20	0.20	0.15	54.40
	Asphalt Raker, Asphalt Belly Dump Lay Down							
	Drill Doctor (in the field)							
	Driller (including, but not limited to, wagon drills, air-track drills, hydraulic drills)							
	Licensed Powderman							
	Pioneer Drilling & Drilling Off Tugger (all type drills)							
	Pipelayers							

						L&M	LEG	
N1205	Group IV	18.57	6.42	12.25	1.20	0.20	0.15	38.79
	Final Building Cleanup							
	Permanent Yard Worker							

						L&M	LEG	
N1206	Group IIIB	35.01	6.42	12.25	1.20	0.20	0.15	55.23
	Federally Licensed Powderman (Responsible Person in Charge)							
	Grade Checking (setting or transferring of grade marks, line and grade)							

Laborers (The area that is south of N63 latitude and west of W138 longitude)

**See note on last page if remote site

						L&M	LEG	
S1201	Group I, including:	29.00	6.42	12.25	1.20	0.20	0.15	49.22
	Asphalt Worker (shovelman, plant crew)							
	Brush Cutter							
	Camp Maintenance Laborer							
	Carpenter Tender or Helper							
	Choke Setter, Hook Tender, Rigger, Signalman							
	Concrete Labor (curb & gutter, chute handler, grouting, curing, screeding)							
	Crusher Plant Laborer							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Laborers (The area that is south of N63 latitude and west of W138 longitude)

**See note on last page if remote site

					L&M	LEG	
S1201	Group I, including:	29.00	6.42	12.25	1.20	0.20	0.15 49.22
	Demolition Laborer						
	Ditch Digger						
	Dumpman						
	Environmental Laborer (asbestos, hazard/toxic waste, oil spill)						
	Fence Installer						
	Fire Watch Laborer						
	Flagman						
	Form Stripper						
	General Laborer						
	Guardrail Laborer, Bridge Rail Installer						
	Hydro-seeder Nozzleman						
	Laborer, Building						
	Landscaper or Planter						
	Laying of Mortarless Decorative Block (retaining walls, flowered decorative block 4 feet or less - highway or landscape work)						
	Material Handler						
	Pneumatic or Power Tools						
	Portable or Chemical Toilet Serviceman						
	Pump Man or Mixer Man						
	Railroad Track Laborer						
	Sandblast, Pot Tender						
	Saw Tender						
	Scaffold Building & Erecting						
	Slurry Work						
	Stake Hopper						
	Steam Cleaner Operator						
	Steam Point or Water Jet Operator						
	Tank Cleaning						
	Utiliwalk & Utilidor Laborer						
	Watchman (construction projects)						
	Window Cleaner						
S1202	Group II, including:	30.00	6.42	12.25	1.20	0.20	0.15 50.22
	Burning & Cutting Torch						
	Cement or Lime Dumper or Handler (sack or bulk)						
	Choker Splicer						
	Chucktender (wagon, air-track & hydraulic drills)						
	Concrete Laborer (power buggy, concrete saws, pumpcrete nozzleman, vibratorman)						
	Culvert Pipe Laborer						
	Cured Inplace Pipelayer						
	Environmental Laborer (marine work)						

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Laborers (The area that is south of N63 latitude and west of W138 longitude)

**See note on last page if remote site

					L&M	LEG	
S1202	Group II, including:	30.00	6.42	12.25	1.20	0.20	0.15 50.22
	Foam Gun or Foam Machine Operator						
	Green Cutter (dam work)						
	Gunite Operator						
	Hod Carrier						
	Jackhammer or Pavement Breaker (more than 45 pounds)						
	Laser Instrument Operator						
	Laying of Mortarless Decorative Block (retaining walls, flowered decorative block over 4 feet - highway or landscape work)						
	Mason Tender & Mud Mixer (sewer work)						
	Pilot Car						
	Pipelayer Helper						
	Plasterer, Bricklayer & Cement Finisher Tender						
	Powderman Helper						
	Power Saw Operator						
	Railroad Switch Layout Laborer						
	Sandblaster						
	Sewer Caulker						
	Sewer Plant Maintenance Man						
	Thermal Plastic Applicator						
	Timber Faller, Chainsaw Operator, Filer						
	Timberman						
S1203	Group III, including:	30.90	6.42	12.25	1.20	0.20	0.15 51.12
	Bit Grinder						
	Camera/Tool/Video Operator						
	Guardrail Machine Operator						
	High Rigger & Tree Topper						
	High Scaler						
	Multiplate						
	Plastic Welding						
	Slurry Seal Squeegee Man						
	Traffic Control Supervisor						
	Welding Certified (in connection with laborer's work)						
S1204	Group IIIA	34.18	6.42	12.25	1.20	0.20	0.15 54.40
	Asphalt Raker, Asphalt Belly Dump Lay Down						
	Drill Doctor (in the field)						
	Driller (including, but not limited to, wagon drills, air-track drills, hydraulic drills)						
	Licensed Powderman						
	Pioneer Drilling & Drilling Off Tugger (all type drills)						
	Pipelayers						

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
------------	--	-----	-----	-----	-----	-------	----------	-----

Laborers (The area that is south of N63 latitude and west of W138 longitude)

**See note on last page if remote site

						L&M	LEG	
S1205	Group IV	18.57	6.42	12.25	1.20	0.20	0.15	38.79
	Final Building Cleanup							
	Permanent Yard Worker							
S1206	Group IIIB	35.01	6.42	12.25	1.20	0.20	0.15	55.23
	Federally Licensed Powderman (Responsible Person in Charge)							
	Grade Checking (setting or transferring of grade marks, line and grade)							

Millwrights

						L&M		
A1251	Millwright (journeyman)	33.89	8.80	8.43	1.00	0.25	0.15	52.52
A1252	Millwright Welder	34.48	8.80	8.43	1.00	0.25	0.15	53.11

Painters, Region I (North of N63 latitude)

**See note on last page if remote site

						L&M		
N1301	Group I, including:	29.17	6.57	11.10	0.80	0.60		48.24
	Brush							
	General Painter							
	Hand Taping							
	Hazardous Material Handler							
	Lead-Based Paint Abatement							
	Roll							
N1302	Group II, including:	29.67	6.57	11.10	0.80	0.60		48.74
	Bridge Painter							
	Epoxy Applicator							
	General Drywall Finisher							
	Hand/Spray Texturing							
	Industrial Coatings Specialist							
	Machine/Automatic Taping							
	Pot Tender							
	Sandblasting							
	Specialty Painter							
	Spray							
	Structural Steel Painter							
	Wallpaper/Vinyl Hanger							
N1304	Group IV, including:	34.79	6.57	10.61	0.80	0.30		53.07
	Glazier							
	Storefront/Automatic Door Mechanic							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Painters, Region I (North of N63 latitude)

**See note on last page if remote site

N1305 Group V, including:	30.52	6.57	5.02	0.80	0.35	43.26
Carpet Installer						
Floor Coverer						
Heat Weld/Cove Base						
Linoleum/Soft Tile Installer						

Painters, Region II (South of N63 latitude)

**See note on last page if remote site

					L&M	
S1301 Group I, including :	26.98	6.57	10.85	0.80	1.10	46.30
Brush						
General Painter						
Hand Taping						
Hazardous Material Handler						
Lead-Based Paint Abatement						
Roll						
Spray						

					L&M	
S1302 Group II, including :	28.18	6.57	10.85	0.80	1.10	47.50
General Drywall Finisher						
Hand/Spray Texturing						
Machine/Automatic Taping						
Wallpaper/Vinyl Hanger						

					L&M	
S1303 Group III, including :	28.28	6.57	10.85	0.80	1.10	47.60
Bridge Painter						
Epoxy Applicator						
Industrial Coatings Specialist						
Pot Tender						
Sandblasting						
Specialty Painter						
Structural Steel Painter						

					L&M	
S1304 Group IV, including:	34.79	6.57	9.86	0.80	0.35	52.37
Glazier						
Storefront/Automatic Door Mechanic						

					L&M	
S1305 Group V, including:	30.52	6.57	5.02	0.80	0.35	43.26
Carpet Installer						
Floor Coverer						
Heat Weld/Cove Base						
Linoleum/Soft Tile Installer						

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
------------	--	-----	-----	-----	-----	-------	----------	-----

Piledrivers

**See note on last page if remote site

						L&M	IAF	
A1401	Piledriver	35.49	8.80	10.78	0.80	0.10	0.15	56.12
	Assistant Dive Tender							
	Carpenter/Piledriver							
	Rigger							
	Sheet Stabber							
	Skiff Operator							
A1402	Piledriver-Welder/Toxic Worker	36.49	8.80	10.78	0.80	0.10	0.15	57.12
A1403	Remotely Operated Vehicle Pilot/Technician	39.80	8.80	10.78	0.80	0.10	0.15	60.43
	Single Atmosphere Suit, Bell or Submersible Pilot							
A1404	Diver (working) ***See note on last page	79.60	8.80	10.78	0.80	0.10	0.15	100.23
A1405	Diver (standby) ***See note on last page	39.80	8.80	10.78	0.80	0.10	0.15	60.43
A1406	Dive Tender ***See note on last page	38.80	8.80	10.78	0.80	0.10	0.15	59.43
A1407	Welder (American Welding Society, Certified Welding Inspector)	41.05	8.80	10.78	0.80	0.10	0.15	61.68

Plumbers, Region I (North of N63 latitude)

						L&M	S&L	
N1501	Journeyman Pipefitter	39.71	6.85	10.75	0.85	1.10		59.26
	Plumber							
	Welder							

Plumbers, Region II (South of N63 latitude)

						L&M		
S1501	Journeyman Pipefitter	36.81	8.32	9.07	1.50	0.20		55.90
	Plumber							
	Welder							

Plumbers, Region IIA (1st Judicial District)

						L&M		
X1501	Journeyman Pipefitter	36.02	10.72	11.00	2.10	0.24		60.08
	Plumber							
	Welder							

Power Equipment Operators

**See note on last page if remote site

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Power Equipment Operators

**See note on last page if remote site

					L&M		
A1601	Group I, including:	37.43	9.00	9.00	1.00	0.10	56.53
	Asphalt Roller						
	Back Filler						
	Barrier Machine (Zipper)						
	Batch Plant Operator, (batch & mixer over 200 yards per hour)						
	Beltcrete with Power Pack & similar conveyors						
	Bending Machine						
	Boat Coxswain						
	Bulldozer						
	Cableways, Highlines & Cablecars						
	Cleaning Machine						
	Coating Machine						
	Concrete Hydro Blaster						
	Cranes (45 tons & under or 150 feet of boom & under (including jib & attachments))						
	(a) Backhoes, Excavators (with all attachments), Clamshells, Draglines, Gradalls (3 yards & under), Shovels						
	(b) Hydralifts or Transporters, (all track or truck type)						
	(c) Derricks						
	Crushers						
	Deck Winches, Double Drum						
	Ditching or Trenching Machine (16 inch or over)						
	Drilling Machines, Core, Cable, Rotary and Exploration						
	Finishing Machine Operator, Concrete Paving, Laser Screed, Sidewalk, Curb & Gutter Machine						
	Helicopters						
	Hover Craft, Flex Craft, Loadmaster, Air Cushion, All-Terrain Vehicle, Rollagon, Bargecable, Nodwell, Sno Cat						
	Hydro Ax, Feller Buncher & similar						
	Licensed Line & Grade						
	Loaders:						
	(a) Forklifts (with power boom & swing attachment)						
	(b) Front End & Overhead, (2-1/2 yards through 5 yards)						
	(c) Loaders, (with forks or pipe clamp)						
	(d) Loaders, (elevating belt type, Euclid & similar types)						
	Mechanic, Welder, Bodyman, Electrical, Camp & Maintenance Engineer						
	Micro Tunneling Machine						
	Mixers: Mobile type with hoist combination						
	Motor Patrol Grader						
	Mucking Machine: Mole, Tunnel Drill, Horizontal/Directional Drill Operator and/or Shield						
	Operator on Dredges						
	Piledriver Engineer, L.B. Foster Puller or similar paving breaker						

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Power Equipment Operators

**See note on last page if remote site

		L&M					
A1601	Group I, including:	37.43	9.00	9.00	1.00	0.10	56.53
	Power Plant Turbine Operator 200 k.w & over (power plants or combination of power units over 300 k.w.)						
	Remote Controlled Equipment						
	Sauerman-Bagley						
	Scraper (through 40 yards)						
	Service Oiler/Service Engineer						
	Shot Blast Machine						
	Sideboom (under 45 tons)						
	Spreaders, Blaw Knox, Cedarapids, Barber Greene, Slurry Machine						
	Sub Grader (Gurries, C.M.I. & C.M.I. Roto Mills & similar types)						
	Tack Tractor						
	Truck Mounted Concrete Pump, Conveyor & Creter						
	Unlicensed Off-Road Hauler						
	Wate Kote Machine						
		L&M					
A1602	Group IA, including:	39.19	9.00	9.00	1.00	0.10	58.29
	Camera/Tool/Video Operator (Slipline)						
	Certified Welder, Electrical Mechanic, Camp Maintenance Engineer, Mechanic over 10,000 hours						
	Cranes (over 45 tons or 150 feet including jib & attachments)						
	(a) Shovels, Backhoes, Excavators (with all attachments), Draglines, Clamshells (over 3 yards)						
	(b) Tower Cranes						
	Licensed Water/Waste Water Treatment Operator						
	Loaders (over 5 yards)						
	Motor Patrol Grader, Dozer, Grade Tractor (finish: when finishing to final grade and/or to hubs, or for asphalt)						
	Power Plants (1000 k.w. & over)						
	Quad						
	Scrapers (over 40 yards)						
	Screed						
	Sidebooms (over 45 tons)						
	Slip Form Paver, C.M.I. & similar types						
		L&M					
A1603	Group II, including:	36.66	9.00	9.00	1.00	0.10	55.76
	Batch Plant Operator (batch & mixer 200 yards per hour & under)						
	Boiler - Fireman						
	Cement Hogs & Concrete Pump Operator						
	Conveyors (except those listed in Group I)						
	Hoists on Steel Erection, Towermobiles & Air Tuggers						
	Horizontal/Directional Drill Locator						
	Licensed Grade Technician						
	Loaders, Elevating Grader, Dumor & similar						

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Power Equipment Operators

**See note on last page if remote site

		L&M					
A1603	Group II, including:	36.66	9.00	9.00	1.00	0.10	55.76
	Locomotives, Rod & Geared Engines						
	Mixers						
	Screening, Washing Plant						
	Sideboom (cradling rock drill, regardless of size)						
	Skidder						
	Trenching Machines (under 16 inches)						
	Water/Waste Water Treatment Operator						
		L&M					
A1604	Group III, including:	35.94	9.00	9.00	1.00	0.10	55.04
	"A" Frame Trucks, Deck Winches						
	Bombardier (tack or tow rig)						
	Boring Machine						
	Brooms, Power						
	Bump Cutter						
	Compressor						
	Farm Tractor						
	Forklift, Industrial Type						
	Gin Truck or Winch Truck (with poles when used for hoisting)						
	Grade Checker & Stake Hopper						
	Hoists, Air Tuggers, Elevators						
	Loaders:						
	(a) Elevating-Athey, Barber Greene & similar types						
	(b) Forklifts or Lumber Carrier (on construction job sites)						
	(c) Forklifts, (with tower)						
	(d) Overhead & Front End, (under 2-1/2 yards)						
	Locomotives: Dinkey (air, steam, gas & electric) Speeders						
	Mechanics, Light Duty						
	Mixers, (concrete mixers & batch 200 yards per hour & under)						
	Oil, Blower Distribution						
	Posthole Digger, Mechanical						
	Pot Fireman (power agitated)						
	Power Plant, Turbine Operator, (under 300 k.w.)						
	Pumps, Water						
	Roller, (other than Plantmix)						
	Saws, Concrete						
	Skid Steer (with all attachments)						
	Straightening Machine						
	Tow Tractor						
		L&M					
A1605	Group IV, including:	29.73	9.00	9.00	1.00	0.10	48.83
	Drill Helper						
	Parts & Equipment Coordinator						

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Power Equipment Operators

**See note on last page if remote site

		L&M					
A1605	Group IV, including:	29.73	9.00	9.00	1.00	0.10	48.83
	Rig Oiler/Assistant Engineer (over 85 tons or 100 foot boom)						
	Spotter						
	Steam Cleaner						
	Swamper (on trenching machines or shovel type equipment)						

Roofers

**See note on last page if remote site

		L&M						
A1701	Rofer & Waterproofer	36.95	6.43	4.41	0.81	0.10	0.02	48.72
A1702	Rofer Material Handler	25.87	6.43	4.41	0.81	0.10	0.02	37.64

Sheet Metal Workers, Region I (North of N63 latitude)

		L&M					
N1801	Sheet Metal Journeyman	43.43	7.50	10.34	1.32	0.25	62.84
	Air Balancing and duct cleaning of HVAC systems						
	Brazing, soldering or welding of metals						
	Demolition of sheet metal HVAC systems						
	Fabrication and installation of exterior wall sheathing, siding, metal roofing, flashing, decking and architectural sheet metal work						
	Fabrication and installation of heating, ventilation and air conditioning ducts and equipment						
	Fabrication and installation of louvers and hoods						
	Fabrication and installation of sheet metal lagging						
	Fabrication and installation of stainless steel commercial or industrial food service equipment						
	Manufacture, fabrication assembly, installation and alteration of all ferrous and nonferrous metal work						
	Metal lavatory partitions						
	Preparation of drawings taken from architectural and engineering plans required for fabrication and erection of sheet metal work						
	Sheet Metal shelving						
	Sheet Metal venting, chimneys and breaching						
	Skylight installation						

Sheet Metal Workers, Region II (South of N63 latitude)

		L&M					
S1801	Sheet Metal Journeyman	38.84	7.50	10.85	1.10	0.32	58.61
	Air Balancing and duct cleaning of HVAC systems						
	Brazing, soldering or welding of metals						
	Demolition of sheet metal HVAC systems						

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Sheet Metal Workers, Region II (South of N63 latitude)

							L&M	
S1801	Sheet Metal Journeyman	38.84	7.50	10.85	1.10	0.32		58.61
	Fabrication and installation of exterior wall sheathing, siding, metal roofing, flashing, decking and architectural sheet metal work							
	Fabrication and installation of heating, ventilation and air conditioning ducts and equipment							
	Fabrication and installation of louvers and hoods							
	Fabrication and installation of sheet metal lagging							
	Fabrication and installation of stainless steel commercial or industrial food service equipment							
	Manufacture, fabrication assembly, installation and alteration of all ferrous and nonferrous metal work							
	Metal lavatory partitions							
	Preparation of drawings taken from architectural and engineering plans required for fabrication and erection of sheet metal work							
	Sheet Metal shelving							
	Sheet Metal venting, chimneys and breaching							
	Skylight installation							

Sprinkler Fitters

							L&M	
A1901	Sprinkler Fitter	41.23	8.42	12.65	0.45	0.25		63.00

Surveyors

**See note on last page if remote site

							L&M	
A2001	Chief of Parties	40.99	7.03	8.30	1.10	0.10		57.52
A2002	Party Chief	39.40	7.03	8.30	1.10	0.10		55.93
A2003	Line & Grade Technician/Office Technician	38.80	7.03	8.30	1.10	0.10		55.33
A2004	Associate Party Chief (including Instrument Person & Head Chain Person)	36.68	7.03	8.30	1.10	0.10		53.21
A2005	Stake Hop/Grademan	33.75	7.03	8.30	1.10	0.10		50.28
A2006	Chain Person (for crews with more than 2 people)	32.34	7.03	8.30	1.10	0.10		48.87

Truck Drivers

**See note on last page if remote site

							L&M	
A2101	Group I, including:	37.77	7.03	8.30	1.10	0.10		54.30
	Air/Sea Traffic Controllers							
	Ambulance/Fire Truck Driver (EMT certified)							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Truck Drivers

**See note on last page if remote site

		L&M					
A2101	Group I, including:	37.77	7.03	8.30	1.10	0.10	54.30
	Boat Coxswain						
	Captains & Pilots (air & water)						
	Deltas, Commanders, Rollagons, & similar equipment (when pulling sleds, trailers or similar equipment)						
	Dump Trucks (including rockbuggy & trucks with pups) over 40 yards up to & including 60 yards						
	Helicopter Transporter						
	Lowboys, including attached trailers & jeeps, up to & including 12 axles (over 12 axles or 150 tons to be negotiated)						
	Material Coordinator and Purchasing Agent						
	Ready-mix (over 12 yards up to & including 15 yards) (over 15 yards to be negotiated)						
	Semi with Double Box Mixer						
	Tireman, Heavy Duty/Fueler						
	Water Wagon (250 Bbls and above)						
		L&M					
A2102	Group 1A including:	39.04	7.03	8.30	1.10	0.10	55.57
	Dump Trucks, including rockbuggy & trucks with pups, over 60 yards up to & including 100 yards (over 100 yards to be negotiated)						
	Jeeps (driver under load)						
		L&M					
A2103	Group II, including:	36.51	7.03	8.30	1.10	0.10	53.04
	All Deltas, Commanders, Rollagons, & similar equipment						
	Construction and Material Safety Technician						
	Dump Trucks (including rockbuggy & trucks with pups) over 20 yards up to & including 40 yards						
	Lowboys (including attached trailers & jeeps up to & including 8 axles)						
	Mechanics						
	Partsman						
	Ready-mix (over 7 yards up to & including 12 yards)						
	Stringing Truck						
	Super Vac Truck/Cacasco Truck/Heat Stress Truck						
	Turn-O-Wagon or DW-10 (not self loading)						
		L&M					
A2104	Group III, including:	35.69	7.03	8.30	1.10	0.10	52.22
	Batch Trucks (8 yards & up)						
	Dump Trucks (including rockbuggy & trucks with pups, over 10 yards up to & including 20 yards)						
	Expeditor (electrical & pipefitting materials)						
	Greaser - Shop						
	Oil Distributor Driver						
	Thermal Plastic Layout Technician						
	Traffic Control Technician						

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Truck Drivers

**See note on last page if remote site

		L&M					
A2104	Group III, including: Trucks/Jeeps (push or pull)	35.69	7.03	8.30	1.10	0.10	52.22

		L&M					
A2105	Group IV, including: Air Cushion or similar type vehicle All Terrain Vehicle Boom Truck/Knuckle Truck (over 5 tons) Buggymobile Bull Lift & Fork Lift, Fork Lift with Power Boom & Swing Attachment (over 5 tons) Bus Operator (over 30 passengers) Combination Truck-Fuel & Grease Compactor (when pulled by rubber tired equipment) Dump Trucks (including Rockbuggy & trucks with pups up to & including 10 yards) Dumpster Expeditor (general) Fire Truck/Ambulance Driver Flat Beds, Dual Rear Axle Foam Distributor Truck Dual Axle Front End Loader with Fork Gin Pole Truck, Winch Truck, Wrecker (truck mounted "A" frame manufactured rating over 5 tons) Grease Truck Hydro Seeder, Dual Axle Hyster Operators (handling bulk aggregate) Loadmaster (air & water operations) Lumber Carrier Ready-mix, (up to & including 7 yards) Rigger (air/water/oilfield) Semi or Truck & Trailer Tireman, Light Duty Track Truck Equipment Vacuum Truck, Truck Vacuum Sweeper Warehouseperson Water Truck, Dual Axle Water Wagon, Semi	35.11	7.03	8.30	1.10	0.10	51.64

		L&M					
A2106	Group V, including: Batch Truck (up to & including 7 yards) Boom Truck/Knuckle Truck (up to & including 5 tons) Buffer Truck Bull Lifts & Fork Lifts, Fork Lifts with Power Boom & Swing Attachments (up to & including 5 tons)	34.35	7.03	8.30	1.10	0.10	50.88

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Truck Drivers

**See note on last page if remote site

						L&M	
A2106	Group V, including:	34.35	7.03	8.30	1.10	0.10	50.88
	Bus Operator (up to 30 passengers)						
	Farm Type Rubber Tired Tractor (when material handling or pulling wagons on a construction project)						
	Flat Beds, Single Rear Axle						
	Foam Distributor Truck Single Axle						
	Fuel Handler (station/bulk attendant)						
	Gear/Supply Truck						
	Gin Pole Truck, Winch Truck, Wrecker (truck mounted "A" frame manufactured rating 5 tons & under)						
	Gravel Spreader Box Operator on Truck						
	Hydro Seeders, Single axle						
	Pickups (pilot cars & all light-duty vehicles)						
	Rigger/Swamper						
	Tack Truck						
	Team Drivers (horses, mules, & similar equipment)						
	Water Truck (Below 250 Bbls)						

Tunnel Workers, Laborers (The Alaska areas north of N63 latitude and east of W138 longitude)

**See note on last page if remote site

						L&M	LEG
N2201	Group I, including:	31.90	6.42	12.25	1.20	0.20	0.15 52.12
	Brakeman						
	Mucker						
	Nipper						
	Topman & Bull Gang						
	Tunnel Track Laborer						
N2202	Group II, including:	33.00	6.42	12.25	1.20	0.20	0.15 53.22
	Burning & Cutting Torch						
	Concrete Laborer						
	Jackhammer						
	Laser Instrument Operator						
	Nozzlemen, Pumpcrete or Shotcrete						
	Pipelayer Helper						
N2203	Group III, including:	33.99	6.42	12.25	1.20	0.20	0.15 54.21
	Miner						
	Retimberman						
N2204	Group IIIA, including:	37.60	6.42	12.25	1.20	0.20	0.15 57.82
	Asphalt Raker, Asphalt Belly Dump Lay Down						
	Drill Doctor (in the field)						

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Tunnel Workers, Laborers (The Alaska areas north of N63 latitude and east of W138 longitude)

**See note on last page if remote site

						L&M	LEG	
N2204	Group IIIA, including:	37.60	6.42	12.25	1.20	0.20	0.15	57.82
	Driller (including, but not limited to wagon drills, air-track drills, hydraulic drills)							
	Licensed Powderman							
	Pioneer Drilling & Drilling Off Tugger (all type drills)							
	Pipelayer							
N2206	Group IIIB, including:	38.51	6.42	12.25	1.20	0.20	0.15	58.73
	Federally Licensed Powderman (Responsible Person in Charge)							
	Grade Checking (setting or transferring of grade marks, line and grade)							

Tunnel Workers, Laborers (The area that is south of N63 latitude and west of W138 longitude)

**See note on last page if remote site

						L&M	LEG	
S2201	Group I, including:	31.90	6.42	12.25	1.20	0.20	0.15	52.12
	Brakeman							
	Mucker							
	Nipper							
	Topman & Bull Gang							
	Tunnel Track Laborer							
S2202	Group II, including:	33.00	6.42	12.25	1.20	0.20	0.15	53.22
	Burning & Cutting Torch							
	Concrete Laborer							
	Jackhammer							
	Laser Instrument Operator							
	Nozzlemen, Pumpcrete or Shotcrete							
	Pipelayer Helper							
S2203	Group III, including:	33.99	6.42	12.25	1.20	0.20	0.15	54.21
	Miner							
	Retimberman							
S2204	Group IIIA, including:	37.60	6.42	12.25	1.20	0.20	0.15	57.82
	Asphalt Raker, Asphalt Belly Dump Lay Down							
	Drill Doctor (in the field)							
	Driller (including, but not limited to wagon drills, air-track drills, hydraulic drills)							
	Licensed Powderman							
	Pioneer Drilling & Drilling Off Tugger (all type drills)							
	Pipelayer							
S2206	Group IIIB, including:	38.51	6.42	12.25	1.20	0.20	0.15	58.73
	Federally Licensed Powderman (Responsible Person in Charge)							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; ONT=overnight; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Tunnel Workers, Laborers (The area that is south of N63 latitude and west of W138 longitude)

**See note on last page if remote site

						L&M	LEG	
S2206	Group IIIB, including:	38.51	6.42	12.25	1.20	0.20	0.15	58.73
	Grade Checking (setting or transferring of grade marks, line and grade)							

Tunnel Workers, Power Equipment Operators

**See note on last page if remote site

						L&M		
A2207	Group I	41.17	9.00	9.00	1.00	0.10		60.27
A2208	Group IA	43.11	9.00	9.00	1.00	0.10		62.21
A2209	Group II	40.33	9.00	9.00	1.00	0.10		59.43
A2210	Group III	39.53	9.00	9.00	1.00	0.10		58.63
A2211	Group IV	32.70	9.00	9.00	1.00	0.10		51.80

* A remote site is isolated and relatively distant from the amenities of civilization, and usually far from the employee's home. As a condition of employment, the workers must eat, sleep, and socialize at the worksite and remain there for extended periods.

** This classification must receive board and lodging under certain conditions. A per diem option of \$75 is an alternative to providing meals and lodging. See Page v for an explanation.

*** Work in combination of classifications: Employees working in any combination of classifications within the diving crew (working diver, standby diver, and tender) in a shift are paid in the classification with the highest rate for a minimum of 8 hours per shift.



FIXED EQUIPMENT CHECKLIST

Project: Wrangell Medical Center Date: Revised 4/11/12
 Architect: David E Johnson Architect
 Contractor: _____
 N/A = Not Applicable

- Notes:** 1) If required, the following items shall be furnished and installed as noted.
 2) Owner specified equipment is to be planned and coordinated by the medical equipment planner unless otherwise noted.

SECTION AND DESCRIPTION	Architect Specified	Owner Specified	Contractor Supplied	Owner Supplied	Comp Contr Installed	CM Installed	Owner Installed	Existing	By Others	REMARKS
1. Instrument Sterilizers		✓	✓		✓					CM
2. Tunnel Washer										N/A
3. Warming Cabinet		✓	✓				✓	✓		Existing
4. Ethylene Oxide Aerator										N/A
5. Ethylene Oxide Stacking Rack										N/A
6. Ultrasonic Cleaner		✓	✓		✓			✓		Existing- hook up by CM
7. Pasteurization System										N/A
8. O.R. Surgical Lights		✓	✓						✓	Vendor installed
9. Minor Exam Lights for Procedure Rooms & Emerg. Dept.		✓	✓						✓	Vendor installed
10. Patient Room Overbed / Wall-mounted Lights	✓		✓		✓					By Component Contractor
11. Lab Refrigerators		✓		✓					✓	Alarm system by telecomm
12. Pharmacy Refrigerators		✓	✓							Alarm system by telecomm
13. Blood Bank Refrigerators		✓	✓	✓					✓	Alarm system by telecomm
14. Compact Refrigerator		✓	✓					✓	✓	
15. Refrigerator Home Style		✓	✓					✓	✓	
16. Radioisotope Refrigerator										N/A
17. Morgue Refrigerator		✓	✓		✓					New- assembled/installed by CM
18. Walk-In Refrigerator for Laboratory										N/A
19. Gift Shop Refrigerator										N/A
20. Glassware Washer										N/A
21. Washer & Dryer/Residential Grade or Light Commercial		✓	✓		✓					1 EXIST BALANCE NEW
22. Bedpan Flusher	✓		✓		✓					By Component Contractor
23. Laundry Equipment/Heavy Commercial Grade	✓		✓		✓					2 New Washer New Dryer
24. X-Ray / MRI / CT / R&F / Rad Units, etc		✓	✓					✓		Vendor installed
25. X-Ray Illuminator		✓	✓		✓					CM
26. Cassette Pass-box										N/A
27. Dental X-Ray										N/A
28. X-Ray Film Bin										N/A
29. Unistrut & Trough System	✓		✓		✓					By Component Contractor
30. Radiation Protection/Shield	✓		✓		✓					By Component Contractor
31. X-Ray Film Processor										N/A
32. X-Ray Revolving Doors										N/A
33. Medical Gas Piping System & OR hose drops	✓		✓		✓					By Component Contractor
34. Patient Consoles or headwalls	✓		✓		✓					By Component Contractor
35. ICU / CCU Headwalls / Power Columns	✓		✓		✓					By Component Contractor
36. OR Equipment Management System & Medical Gas Columns										N/A
37. All Casework / Millwork / Patient Rm Wardrobes	✓		✓		✓					By Component Contractor
38. Speciman Pass Box	✓		✓		✓					By Component Contractor
39. Flag Pole	✓		✓					✓		CM
40. Shower Rods & Rings	✓		✓		✓					By Component Contractor
41. I.V. Track	✓		✓		✓					By Component Contractor
42. Cubicle Tracks	✓		✓		✓					By Component Contractor
43. Bulletin Boards	✓		✓						✓	



FIXED EQUIPMENT CHECKLIST

Project: Wrangell Medical Center Date: Revised 4/11/12
 Architect: David E Johnson Architect
 Contractor: _____
 N/A = Not Applicable

- Notes:** 1) If required, the following items shall be furnished and installed as noted.
 2) Owner specified equipment is to be planned and coordinated by the medical equipment planner unless otherwise noted.

SECTION AND DESCRIPTION	Architect Specified	Owner Specified	Contractor Supplied	Owner Supplied	Comp Contr Installed	CM Installed	Owner Installed	Existing	By Others	REMARKS
44. Marker Boards	✓		✓						✓	
45. Schedule Boards	✓		✓						✓	
46. Patient Chart Racks	✓		✓		✓					Built into casework
47. Bed Availability System										N/A
48. Drapery Track / Drapery, Shower Curtains, Blinds, Cubicle Curtains		✓	✓	✓			✓		✓	By furniture planning consult.
49. Narcotics Lockers	✓		✓		✓					Built into casework
50. Cart Wash Units / Steam Gun	✓		✓		✓					By Component Contractor
51. AV Projection System		✓		✓			✓			By communications consult.
52. Fire Extinguishers	✓		✓		✓					By Component Contractor
53. Gen. Compactor / Waste Disp. SV	✓		✓		✓					By Component Contractor
54. Pathological Incinerator										N/A
55. Deionized water systems	✓		✓		✓					By Component Contractor
56. Laminar Flow Hood/Lab & Pharm		✓		✓		✓				CM Hook-up & certify
57. Microbiology Saf. Hood Lab		✓		✓			✓			CM
58. Laboratory Fume Hood		✓		✓			✓			CM
59. Laminar Flow Sys. / Surgery	-		-		-					N/A
60. OR Scrub Sinks	✓		✓		✓					By Component Contractor
61. Ice Machines		✓		✓		✓				CM installed
62. Medication units	✓		✓		✓			✓		
63. Hydrotherapy Tanks		-		-		-				N/A
64. Vending Machines									✓	A/E to plan & provide pwr & H2O.
65. Management Information Sys									✓	By vendor
66. Time Clock & Racks		✓		✓					✓	By communications consultant
67. Special Clocks - Electric time elapsed clocks for OR, ER, ICU, CCU		✓		✓					✓	
68. Graphics / Signage	✓		✓		✓					CM furnished & installed
69. General Storage / Misc. Shelving		✓	✓				✓			
70. Fixed / Motorized Shelving	✓		✓		✓					By Component Contractor
71. Patient Hoist at tubroom	✓		✓		✓					By Component Contractor
72. Lockers	✓		✓		✓					By Component Contractor
73. Fixed / Electric OR table		✓		✓					✓	Existing
74. Autopsy Table										N/A
75. Recessed Scales										N/A
76. Dialysis Water System										N/A
77. Physiological Monitoring		✓		✓			✓			Vendor Installed
78. Audio Sound Proof Booth	✓		✓						✓	Existing
79. Kitchen Hood with Ansl System	✓		✓		✓					By Component Contractor
80. Dietary Equipment - Kitchens/Other Locations		✓		✓	✓	✓				CM Elec / Plumb / Install
81. Diagnostic Sets		✓		✓	✓	✓				
82. Gas Evacuation System										N/A
83. Modular Toilets	✓		✓		✓					By Component Contractor
84. Oxygen Generator		✓		✓		✓				Relocated & Installed by CM
85. Patient room Beds, overbed tables, night stands		✓		✓		✓				By medical equipment planner
86. Furniture / Furnishings - Office, Waiting, Lounge, Lobby, Etc.		✓		✓		✓			✓	By Furniture planner



FIXED EQUIPMENT CHECKLIST

Project: Wrangell Medical Center Date: Revised 4/11/12
 Architect: David E Johnson Architect
 Contractor: _____
 N/A = Not Applicable

- Notes:** 1) If required, the following items shall be furnished and installed as noted.
 2) Owner specified equipment is to be planned and coordinated by the medical equipment planner unless otherwise noted.

SECTION AND DESCRIPTION	Architect Specified	Owner Specified	Contractor Supplied	Owner Supplied	Comp Contr Installed	CM Installed	Owner Installed	Existing	By Others	REMARKS
87. Artwork									✓	Owner Consultant
88. Large Floor mounted coping machines		✓		✓				✓		
89. Desk Top printers for computers									✓	Communications Consultant
90. Picture Archiving Communications System (PACS)		✓		✓				✓	✓	Communications Consultant

NOTES

If required, the following items are to be Architect Specified, Component Contractor supplied and installed, unless otherwise directed by the Owner.

Domestic Water Heater	Plumbing Fixtures	Eyewash stations	Roof Exhausters
Conductivity Tester	Drinking Fountains	Mirrors	Temperature Control System
Sprinkler System	Fire Alarm System	Wanderguard System	Unit Heater
Millwork	Interior Transformers	Automatic Door Openers	Heating and Cooling Coils
Grab Bars	Transfer Switches	Door Security	
Corner Guards	Soap Dispensers	Emergency Acid Shower	
	Surgical Soap Dispensers	Air cooled Chillers	Hot Water Heaters
	Towel, Tissue, napkin Dispensers	Heating and Cooling Units	Domestic Water Recirculating Pump
	Electric Motors and Starters	Air Handling Equipment	Electrical Distribution System
	Towel Receptable	Humidifiers	Isolation Power Center



WHERE INNOVATION AND IMPLEMENTATION MEET

DEJA

Memorandum

Date: 4/13/2012

To: All Plan Holders

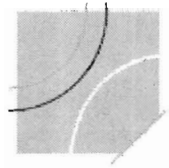
Cc:

From: Julia Covington - DEJA

Project: Wrangell Medical Center (10528.00) - Replacement Facility (00)

Owner Project #:

Subject: Addendum #2 - Volume 1 Early Release Package Site



ADDENDUM NO. 2

Volume 1
Early Release Package - Site
Wrangell Medical Center
Wrangell, Alaska

David E. Johnson Architect

Project No. 10528.00

April 13, 2012

This Addendum forms a part of the Contract Documents and modifies the original Construction Documents, dated March 21, 2012, as noted below.

This Addendum consists of two (2) pages and twenty-two (22) attachments.

SPECIFICATION CHANGES:

1. Section 31-2200 – Earthwork
 - a. Replace paragraph 2.5 with the following: “Shot rock embankment shall be naturally appearing blasted rock from a quarry. It shall generally be 12” minus in size except that the top 6 inches of the embankment shall be 3 inch minus.”

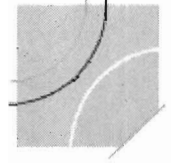
DRAWING CHANGES:

1. Civil – Refer to attached reissued Sheets C100, C101, C200, C201, C202, C300, C301, C400, C401, C500, C600, C601, C602, and C603, dated 4/12/2012 for clarifications and clouded scope revisions.
2. M0.1 – HVAC Schedules and Details – Add attached sheet, dated 4/13/12, to Volume 1 Package.
3. M1.1 – Crawlspace Plan – HVAC - Add attached sheet, dated 4/13/12, to Volume 1 Package.
4. P1.0A – Plumbing Underground Piping - Part A – Refer to attached revised sheet, dated 4/13/12, indicating 6” underground water line to plumbing room.
5. P1.0B – Plumbing Underground Piping - Part B – Refer to attached revised sheet, dated 4/13/12, indicating revised location of grease trap.
6. P1.0D – Plumbing Underground Piping - Part D – Refer to attached revised sheet, dated 4/13/12, indicating 6” underground water line to plumbing room.
7. E1.0 – Site Plan – Electrical – Refer to attached reissued sheet, dated 4/13/12, for clarifications.

4/13/2012

Addendum #2 - Volume 1 Early Release Package Site

Page 2



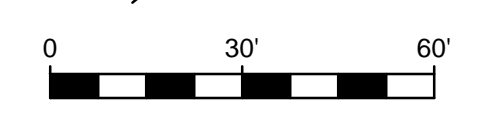
8. E1.4 – Overall and Enlarged Plans – Add attached sheet, dated 4/13/12, to Volume 1 Package.
9. E2.1 – Power Riser Diagram - Refer to attached reissued sheet, dated 4/13/12, for clarifications.

ADDENDUM NO. 2

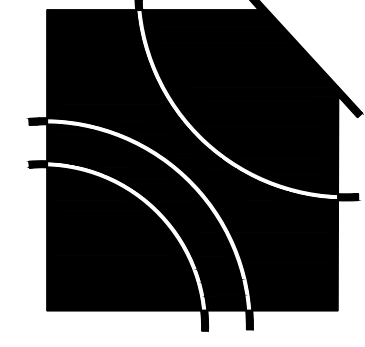


LEGEND

- EXISTING CONTOUR
- XXX --- EXISTING INDEX CONTOUR
- FINISHED GRADE CONTOUR
- XXX --- FINISHED GRADE INDEX CONTOUR
- - - EXISTING EDGE OF GRAVEL
- — — EDGE OF ASPHALT / CONCRETE
- CURB
- SD — STORM LINE
- XSD — EXISTING STORM LINE
- XSS — SANITARY LINE
- XSS — EXISTING SANITARY LINE
- XFM — EXISTING SANITARY FORCE MAIN
- W — WATER LINE
- XW — EXISTING WATER LINE
- ⊙ EXISTING STORM MANHOLE
- ⊙ EXISTING STORM MANHOLE W/ GRATED RIM
- EXISTING STORM CATCHBASIN
- STORM CATCHBASIN
- ⊙ SANITARY MANHOLE
- ⊙ WATER VALVE
- ⊙ EXISTING WATER VALVE
- ⊙ FIRE HYDRANT
- ⊙ STORM FLOW CONTROL MANHOLE
- XX TEST HOLE LOCATION



DEJA



A Replacement Facility for
Wrangell Medical Center
 Wrangell, Alaska



REVISION #1 - 4/1
 REVISED PER CONTRACT
 AND TEAM REVIEW

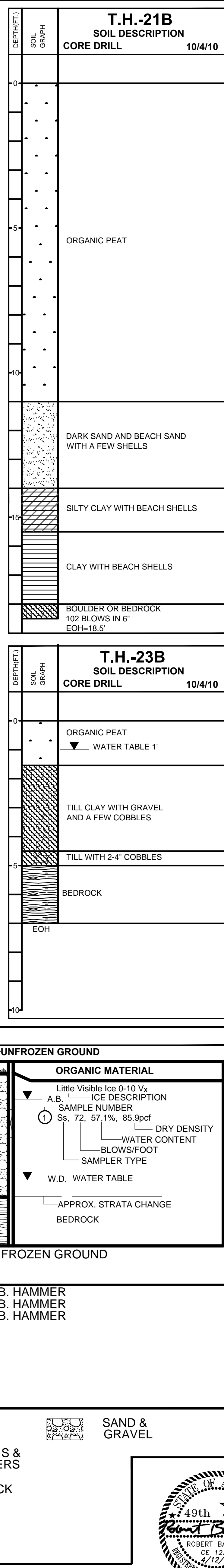
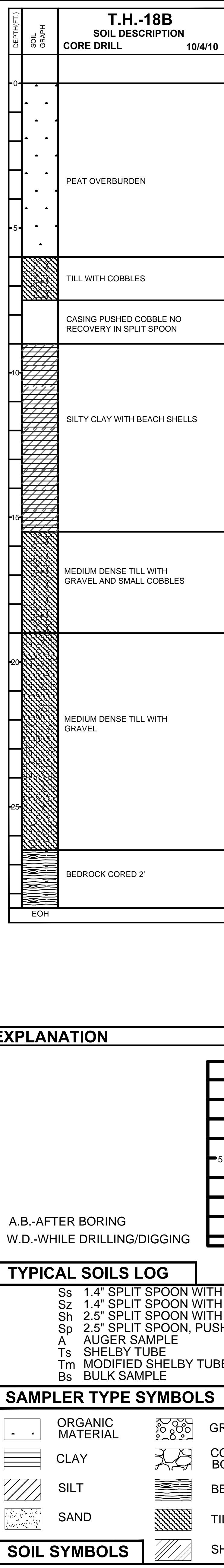
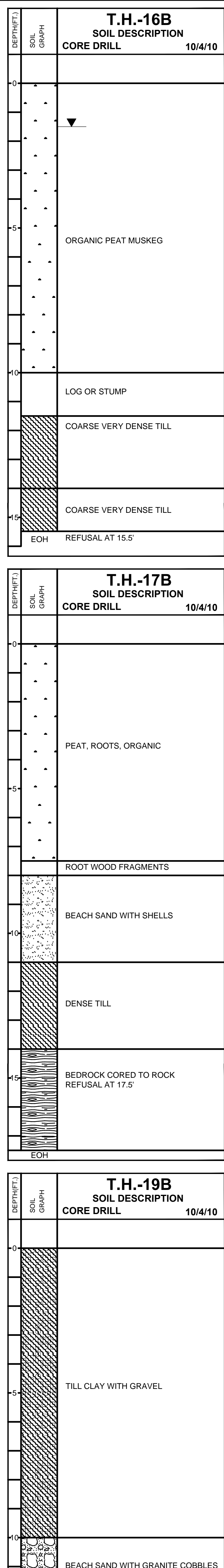
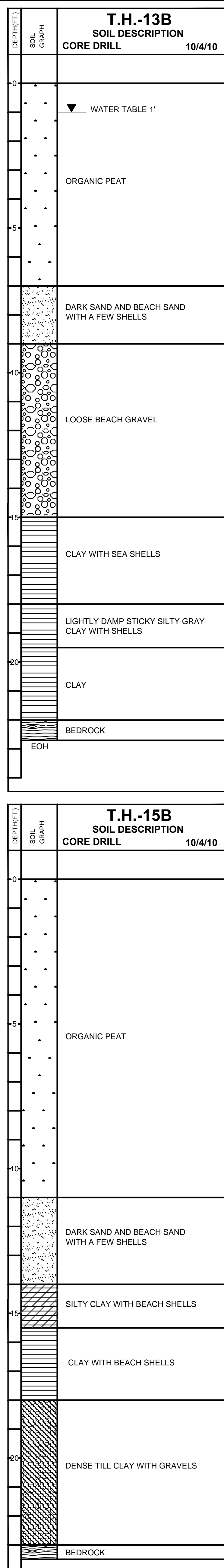
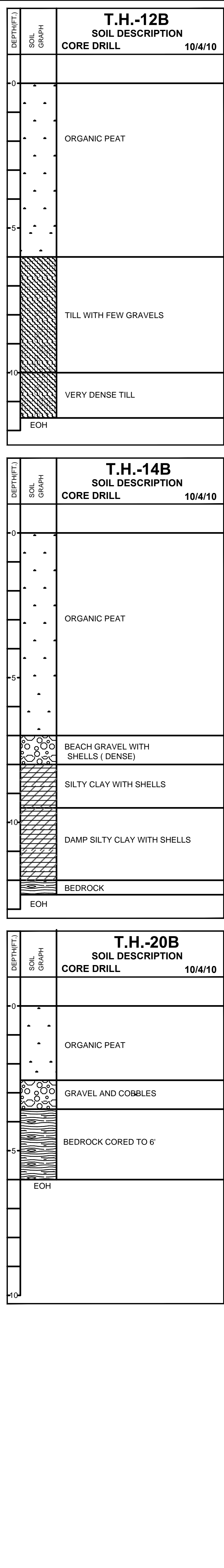
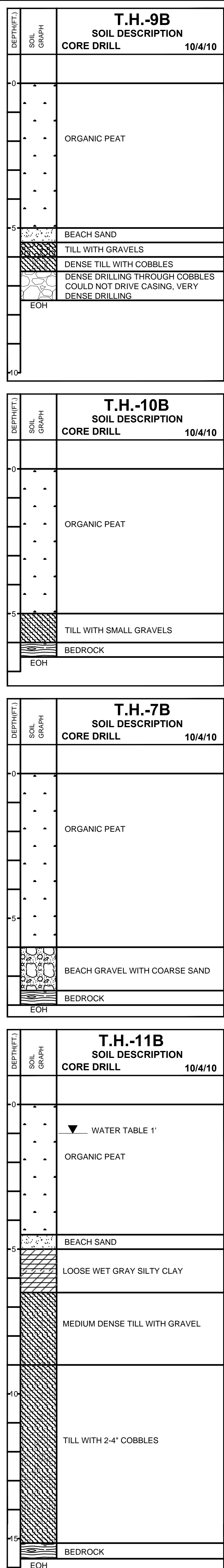
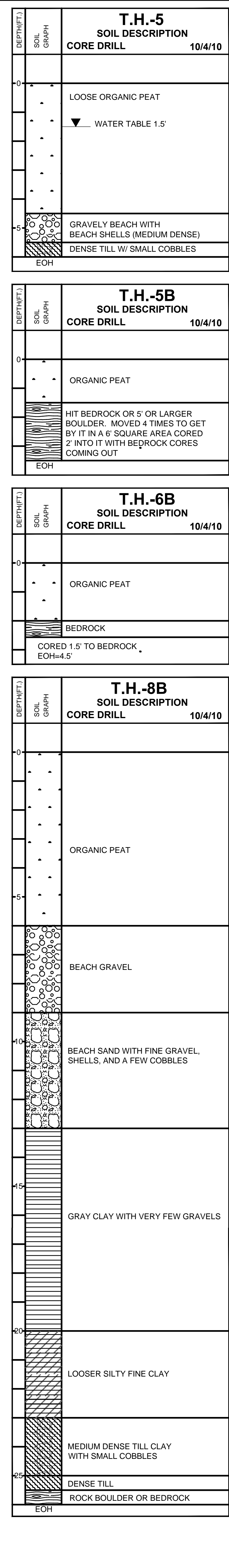
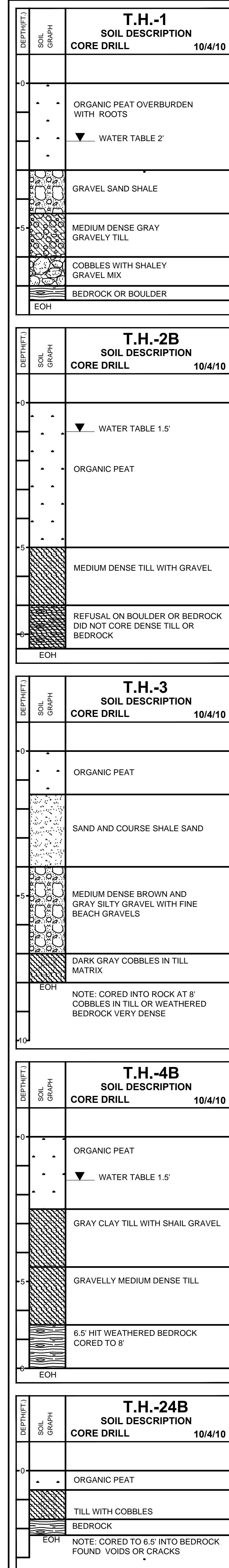
PROJECT NUMBER
10528.00
 DATE
March 21, 2012



R&M
 R&M ENGINEERING-KETCHIKAN, INC.
 355 CARLANNA LAKE ROAD

C100
 EXISTING CONDITIONS
 & TEST HOLE
 LOCATION PLAN

Early Release Package



EXPLANATION

A.B.-AFTER BORING
W.D.-WHILE DRILLING/DIGGING

TYPICAL SOILS LOG

Ss 1.4" SPLIT SPOON WITH 140 LB. HAMMER
Sz 1.4" SPLIT SPOON WITH 340 LB. HAMMER
Sh 2.5" SPLIT SPOON WITH 340 LB. HAMMER
Sp 2.5" SPLIT SPOON, PUSHED
A AUGER SAMPLE
Ts SHELBY TUBE
Tm MODIFIED SHELBY TUBE
Bs BULK SAMPLE

SAMPLER TYPE SYMBOLS

ORGANIC MATERIAL, CLAY, SILT, SAND, GRAVEL, COBBLES & BOULDERS, BEDROCK, TILL, SHALE, SAND & GRAVEL

UNFROZEN GROUND

ORGANIC MATERIAL

Little Visible Ice 0-10 ft
A.B. ICE DESCRIPTION
SAMPLE NUMBER
Ss, 72, 57.1%, 85.9pcf
WATER CONTENT
D.R.Y. DENSITY
BLOWS/FOOT
SAMPLER TYPE
W.D. WATER TABLE
APPROX. STRATA CHANGE
BEDROCK

FROZEN GROUND



R&M
R&M ENGINEERING-KETCHIKAN, INC.
355 CARLANNA LAKE ROAD

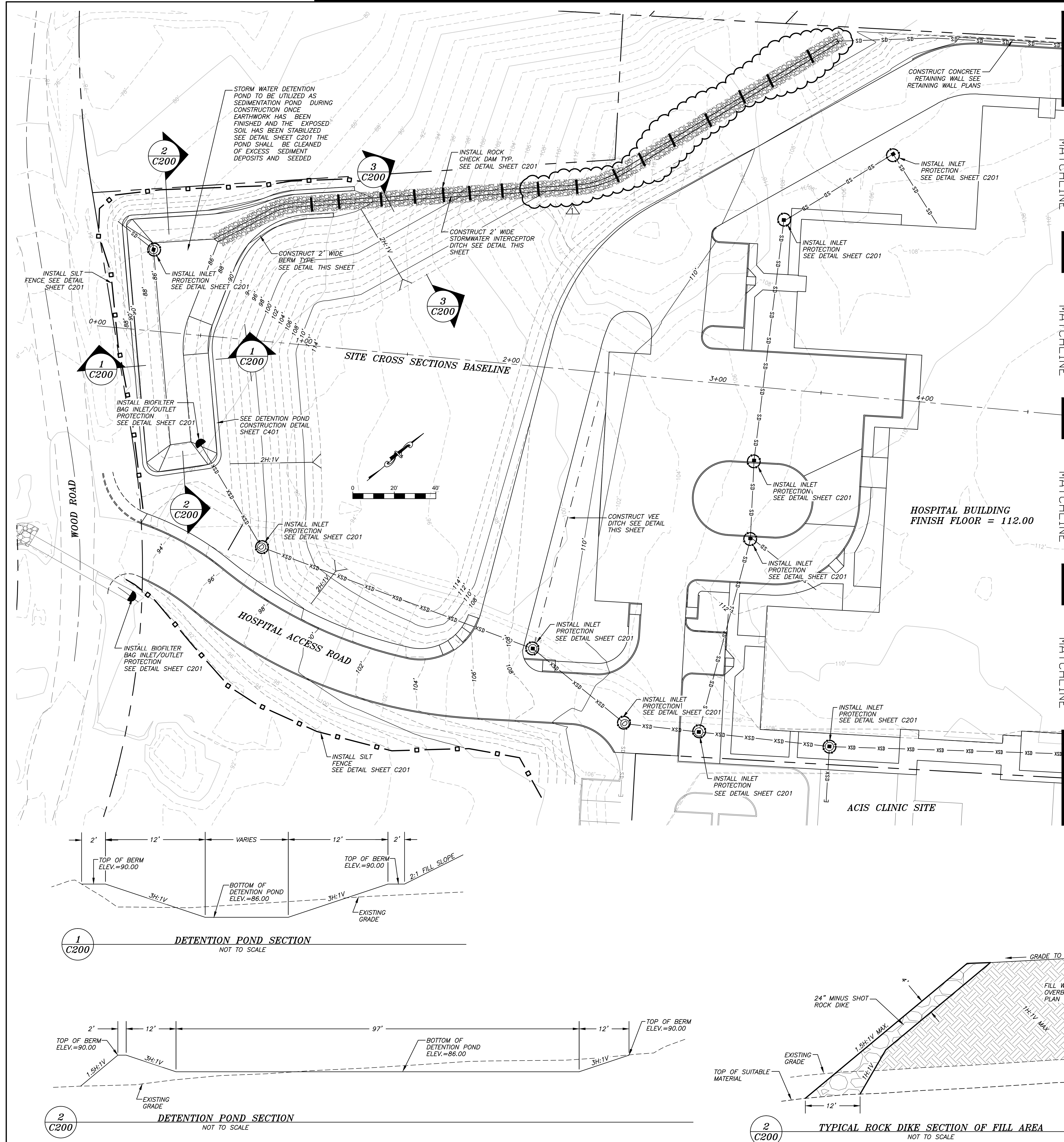
DEJA
A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska

AHFDI AMERICAN HEALTH FACILITY DEVELOPMENT

REVISION #1 - 4/12/12
REVISED PER CONTRACTOR
AND TEAM REVIEW

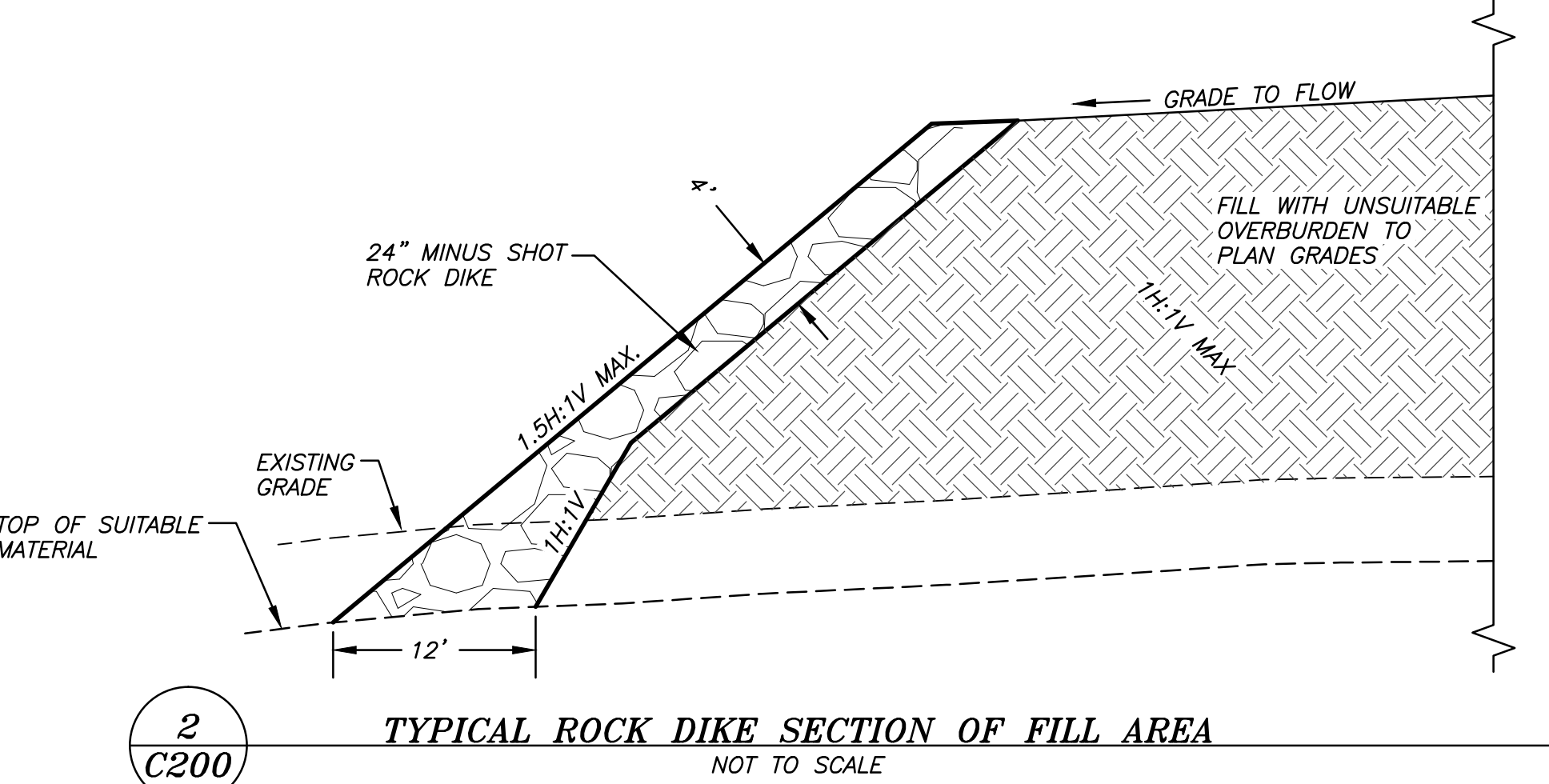
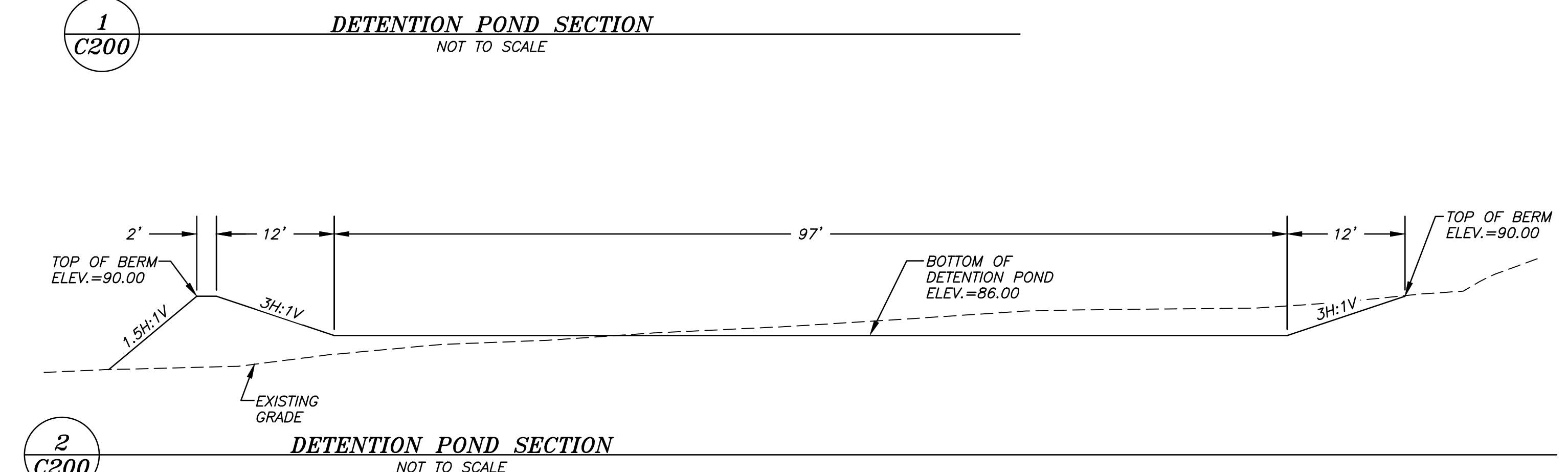
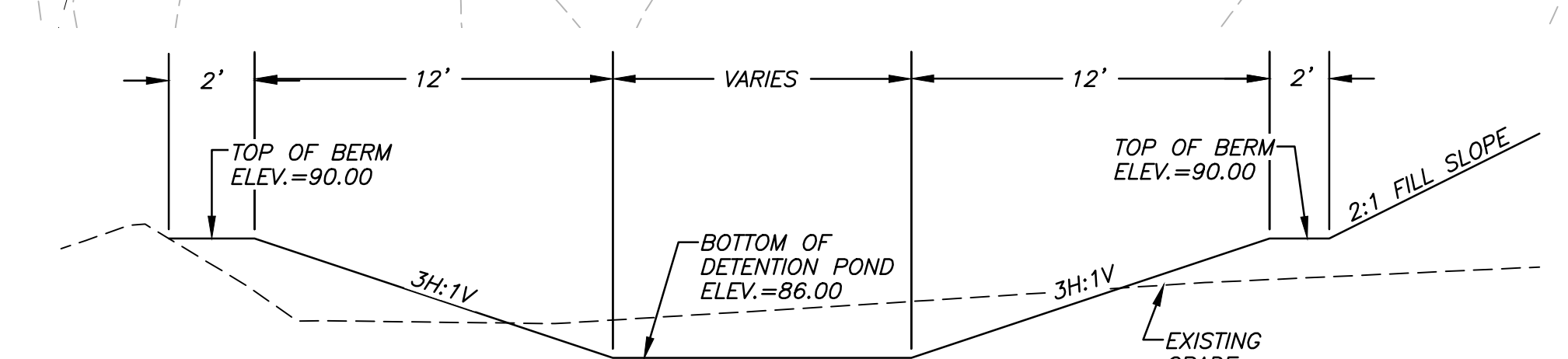
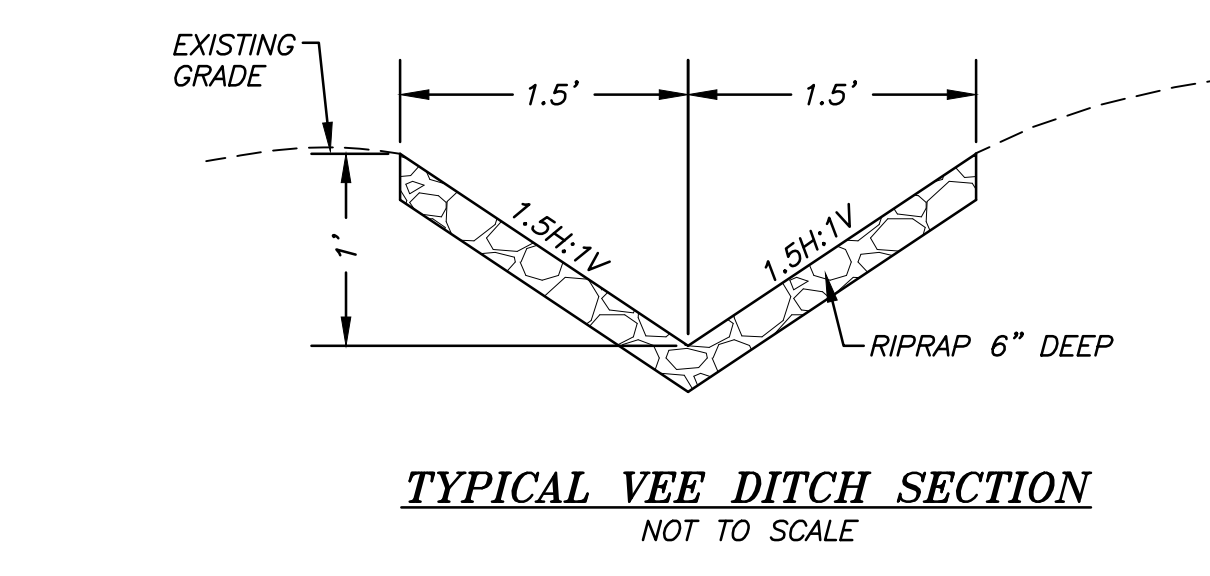
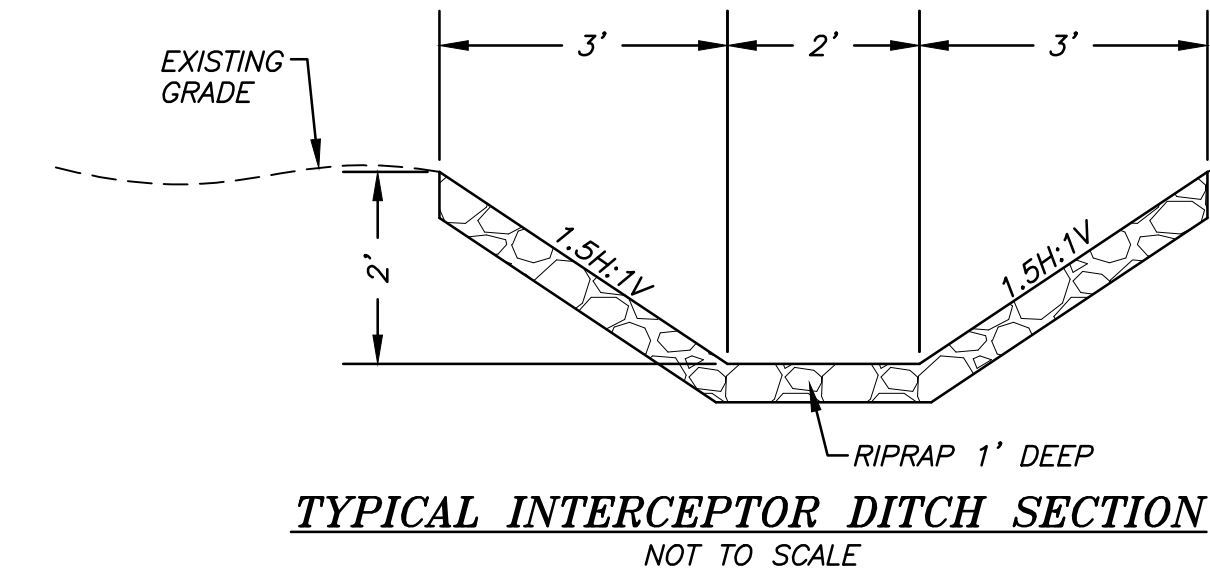
PROJECT NUMBER
10528.00
DATE
March 21, 2012
C101
TEST HOLE DATA

David E. Johnson
Architect
4851 Trousdale Drive
Nashville, TN 37204
615.837.0656
FAX 615.837.0657

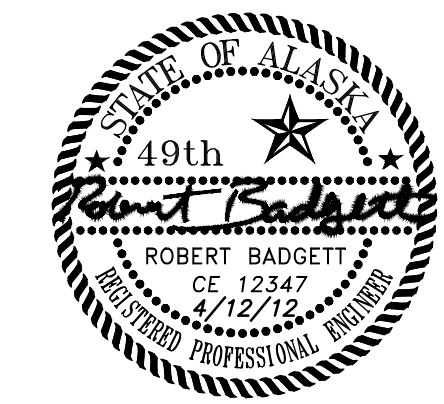


EROSION AND SEDIMENT CONTROL BMP IMPLEMENTATION:

1. ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION BY A REPRESENTATIVE OF THE OWNER, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. FOR LINEAR PROJECTS BASE MEASURES CAN BE INSTALLED IN PHASES PRIOR TO COMMENCEMENT OF CONSTRUCTION IN EACH PHASE.
2. ALL "SEDIMENT BARRIERS (TO BE INSTALLED AFTER GRADING)" SHALL BE INSTALLED IMMEDIATELY FOLLOWING ESTABLISHMENT OF FINISHED GRADE AS SHOWN ON THESE PLANS.
3. LONG TERM SLOPE STABILIZATION MEASURES "INCLUDING MATTING" SHALL BE IN PLACE OVER ALL EXPOSED SOILS BY OCTOBER 1.
4. INLET PROTECTION SHALL BE IN-PLACE IMMEDIATELY FOLLOWING PAVING
5. SEDIMENT BARRIERS APPROVED FOR USE INCLUDE: SEDIMENT FENCE, BERMS CONSTRUCTED OUT OF MULCH, CHIPPINGS, OR OTHER SUITABLE MATERIAL, STRAW WATTLES, OR OTHER APPROVED MATERIALS.
6. SEED USED FOR TEMPORARY OR PERMANENT SEEDING SHALL BE COMPOSED OF ONE OF SHADY AREA GRASS MIXTURE UNLESS OTHERWISE SPECIFIED
7. SLOPE TO RECEIVE TEMPORARY OR PERMANENT SEEDING SHALL HAVE THE SURFACE ROUGHENED BY MEANS OF TRACK-WALKING OR THE USE OF OTHER APPROVED IMPLEMENTS. SURFACE ROUGHENING IMPROVES SEED BEDDING AND REDUCES RUN-OFF VELOCITY.
8. LONG TERM SLOPE STABILIZATION MEASURES SHALL INCLUDE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER VIA SEEDING WITH APPROVED MIX AND APPLICATION RATE.
9. TEMPORARY SLOPE STABILIZATION MEASURES SHALL INCLUDE: COVERING EXPOSED SOIL WITH PLASTIC SHEETING, STRAW MULCHING, WOOD CHIPS, OR OTHER ADEC APPROVED MEASURES.
10. STOCKPILED SOIL OR STRIPPINGS SHALL BE PLACED IN A STABLE LOCATION AND CONFIGURATION. DURING "WET WEATHER" PERIODS, STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING OR STRAW MULCH. SEDIMENT FENCE IS REQUIRED AROUND THE PERIMETER OF THE STOCKPILE.
11. EXPOSED CUT OR FILL AREAS SHALL BE STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS OR MATS, MID-SLOPE SEDIMENT FENCES OR WATTLES, OR OTHER APPROPRIATE MEASURES. SLOPES EXCEEDING 25% MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES.
12. AREAS SUBJECT TO WIND EROSION SHALL USE APPROPRIATE DUST CONTROL MEASURES INCLUDING THE APPLICATION OF A FINE SPRAY OF WATER, PLASTIC SHEETING, STRAW MULCHING, OR OTHER APPROVED MEASURES.
13. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO, TIRE WASHES, STREET SWEEPING, AND VACUUMING MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
14. ACTIVE INLETS TO STORM WATER SYSTEMS SHALL BE PROTECTED THROUGH THE USE OF APPROVED INLET PROTECTION MEASURES. ALL INLET PROTECTION MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED AS NEEDED.
15. SATURATED MATERIALS THAT ARE HAULED OFF-SITE MUST BE TRANSPORTED IN WATER-TIGHT TRUCKS TO ELIMINATE SPILLAGE OF SEDIMENT AND SEDIMENT-LADEN WATER.
16. AN AREA SHALL BE PROVIDED FOR THE WASHING OUT OF CONCRETE TRUCKS IN A LOCATION THAT DOES NOT PROVIDE RUN-OFF THAT CAN ENTER THE STORM WATER SYSTEM. IF THE CONCRETE WASH-OUT AREA CAN NOT BE CONSTRUCTED GREATER THAN 50' FROM ANY DISCHARGE POINT, SECONDARY MEASURES SUCH AS BERMS OR TEMPORARY SETTLING PITS MAY BE REQUIRED. THE WASH-OUT SHALL BE LOCATED WITHIN SIX FEET OF TRUCK ACCESS AND BE CLEANED WHEN IT REACHES 50% OF THE CAPACITY.
17. SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE SHALL NOT BE TRANSFERRED TO THE STORM WATER SYSTEM. SWEEPINGS SHALL BE PICKED UP AND DISPOSED IN THE TRASH.
18. AVOID PAVING IN WET WEATHER WHEN PAVING CHEMICALS CAN RUN-OFF INTO THE STORM SYSTEM.
19. USE BMPs SUCH AS CHECK-DAMS, BERMS, AND INLET PROTECTION TO PREVENT RUN-OFF FROM REACHING DISCHARGE POINTS.
20. COVER CATCH BASINS, MANHOLES, AND OTHER DISCHARGE POINTS WHEN APPLYING SEAL COAT, TACK COAT, ETC. TO PREVENT INTRODUCING THESE MATERIALS TO THE STORM WATER SYSTEM.
21. THIS PROJECT MAY REQUIRE TEMPORARY DIVERSION OF THE DRAINAGE CHANNEL. THE CONTRACTOR SHALL NOT INHIBIT FLOW IN THE DRAINAGE CHANNEL. THE CONTRACTOR MAY USE ONE OF THE FOLLOWING OPTIONS FOR THE CHANNEL DIVERSION: INFLATABLE HYDRAULIC RUBBER DAMS, SAND FILLED PRODUCT BAGS, OR OTHER APPROVED MEASURES. BYPASSING FLOW AROUND THE DIVERSION BY GRAVITY IS PREFERABLE BUT PUMPING IS ALLOWED. PUMPS SHALL BE LOW NOISE AND SHALL MEET ALL LOCAL NOISE ORDINANCES. THE CONTRACTOR SHALL SUBMIT A DIVERSION PLAN AND MANAGEMENT STRATEGY FOR LOCAL JURISDICTION APPROVAL 1-WEEK PRIOR TO COMMENCING WORK.
22. PRIOR TO BEGINNING ANY GRADING ACTIVITIES THE CONTRACTOR SHALL PREPARE A SWPPP PLAN PER THE ADEC STANDARDS AND OBTAIN AN APDES PERMIT.



- LEGEND**
- EXISTING CONTOUR
 - XXX --- EXISTING INDEX CONTOUR
 - FINISHED GRADE CONTOUR
 - XXX --- FINISHED GRADE INDEX CONTOUR
 - EXISTING EDGE OF GRAVEL
 - EDGE OF ASPHALT / CONCRETE
 - CURB
 - SD --- STORM LINE
 - XSD --- EXISTING STORM LINE
 - ⊙ EXISTING STORM MANHOLE
 - ⊙ EXISTING STORM MANHOLE W/ GRATED RIM
 - EXISTING STORM CATCHBASIN
 - STORM CATCHBASIN
 - ⊙ STORM FLOW CONTROL MANHOLE



R&M
R&M ENGINEERING-KETCHIKAN, INC.
355 CARLANNA LAKE ROAD

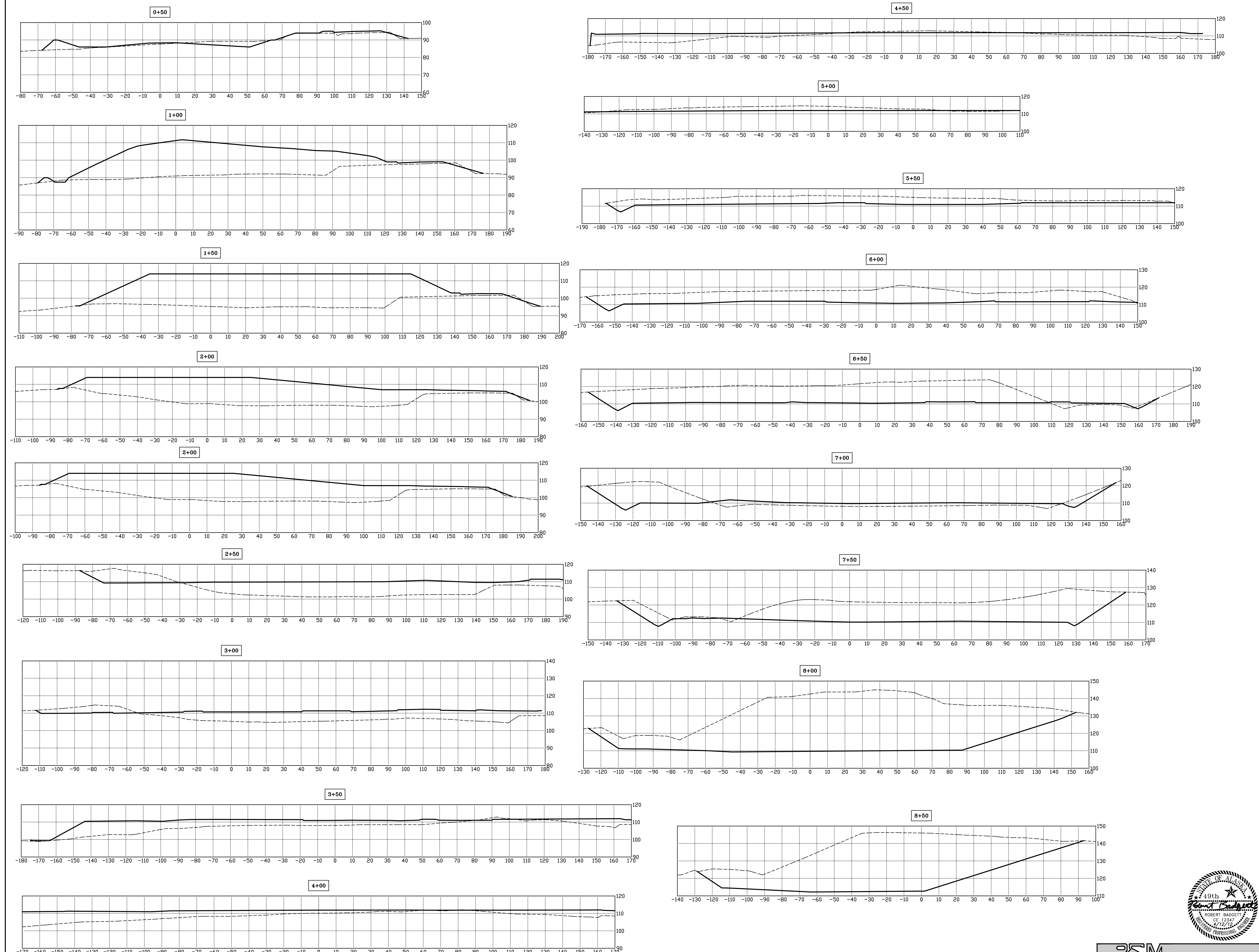
DEJA
 A Replacement Facility for
Wrangell Medical Center
 Wrangell, Alaska

AHFDI AMERICAN HEALTH FACILITY DEVELOPMENT

REVISION #1 - 4/12/12:
REVISED PER CONTRACTOR
AND TEAM REVIEW

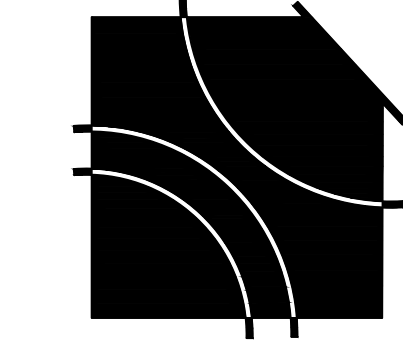
PROJECT NUMBER
10528.00
DATE
March 21, 2012

C200
GRADING AND
EROSION CONTROL



R&M
R&M ENGINEERING-KETCHIKAN, INC.
355 CARLANNA LAKE ROAD

DEJA



A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska

4551 Townsends Drive
Nashville, TN 37206-6307
615.837.0656
Architect

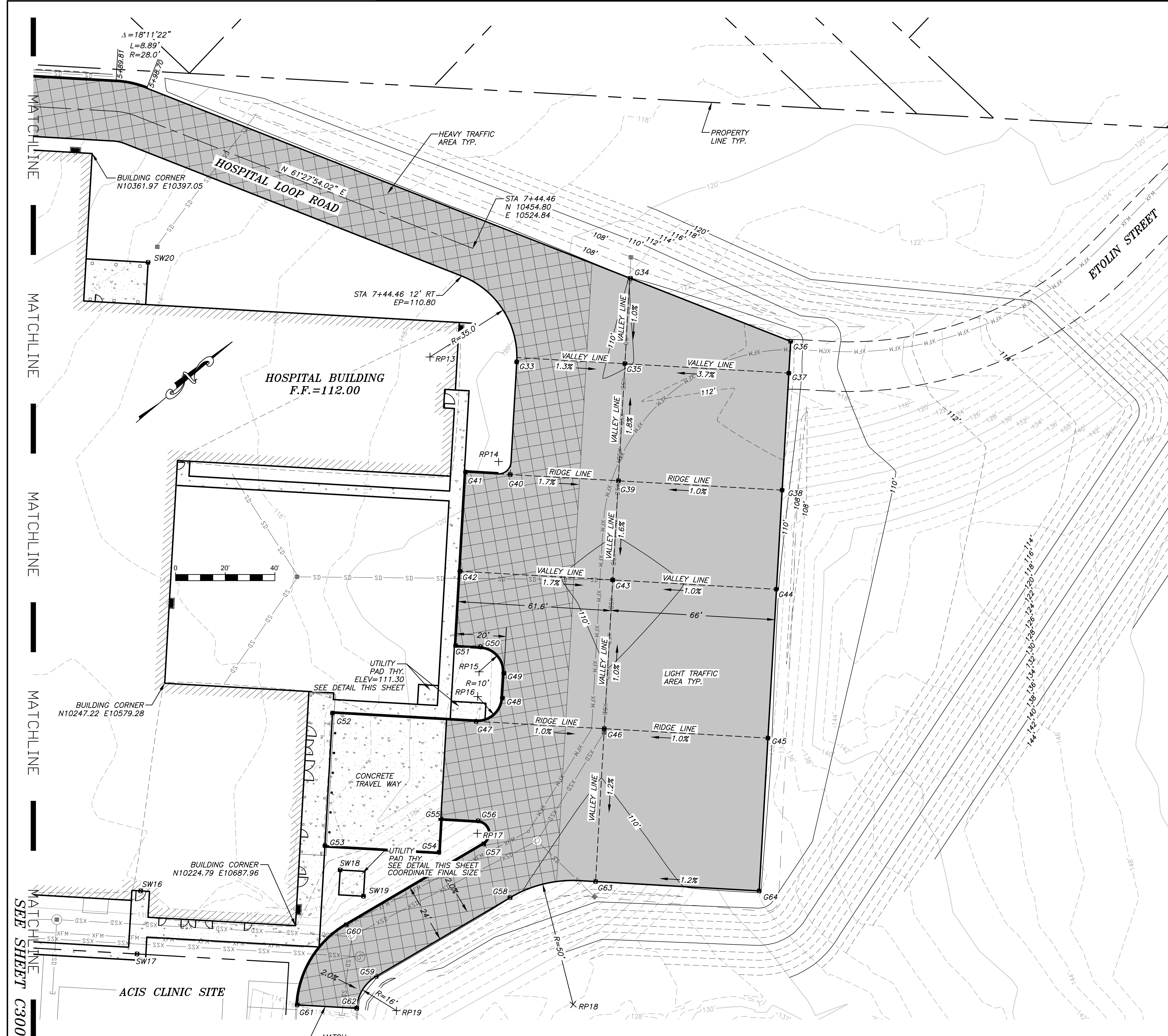
AHFDI AMERICAN HEALTH FACILITY DEVELOPMENT

REVISION #1 - 4/12/12:
REVISED PER CONTRACTOR
AND TEAM REVIEW

PROJECT NUMBER
10528.00
DATE
March 21, 2012

C202
SITE CROSS
SECTIONS

Early Release Package



GRADING POINTS TABLE

POINT #	NORTHING	EASTING	ELEV.	POINT #	NORTHING	EASTING	ELEV.
G1	9981.0871	10479.1006	110.38	G33	10438.9903	10571.2811	110.42
G2	10003.1162	10499.8421	111.00	G34	10495.7442	10574.9255	110.20
G3	10026.3115	10443.7573	110.21	G35	10471.8893	10599.8589	109.85
G4	10037.0465	10432.4843	110.08	G36	10528.8247	10635.8564	112.30
G5	10020.6357	10417.0367	109.86	G37	10520.0452	10645.1808	112.36
G6	10056.9418	10378.4666	108.89	G38	10487.682	10679.5531	111.01
G7	10088.9942	10408.6109	109.77	G39	10439.6156	10634.2961	110.34
G8	10089.7989	10434.0543	109.57	G40	10407.8337	10604.3718	111.07
G9	10097.8127	10441.5972	109.37	G41	10394.7198	10592.0244	111.40
G10	10082.752	10457.597	109.81	G42	10367.2994	10621.1469	110.76
G11	10105.9064	10449.2151	109.57	G43	10412.1618	10663.38	109.71
G12	10090.8454	10463.2153	110.21	G44	10460.2646	10708.6724	110.38
G13	10118.1569	10476.1083	111.40	G45	10419.151	10752.3594	110.98
G14	10131.3507	10448.4456	111.04	G46	10371.0507	10707.0942	110.31
G15	10147.3768	10463.5176	111.70	G47	10333.4526	10671.6888	110.79
G16	10130.5812	10423.0016	109.67	G48	10347.5883	10671.2632	110.55
G17	10122.5215	10415.4156	109.47	G49	10354.4434	10663.9826	110.66
G18	10114.437	10407.8062	109.67	G50	10354.0178	10649.8468	110.91
G19	10177.3062	10431.7283	111.90	G51	10346.7341	10642.9888	111.06
G20	10190.6301	10444.2734	111.90	G52	10291.2521	10631.9549	111.80
G21	10209.4816	10424.2517	111.90	G53	10254.5774	10670.9063	111.80
G22	10137.801	10356.7617	110.82	G54	10288.0467	10702.4194	110.92
G23	10120.3244	10340.311	110.17	G55	10297.3011	10692.5905	110.80
G24	10102.8833	10279.6602	109.56	G56	10308.2558	10702.905	110.50
G25	10124.3005	10336.0869	110.02	G57	10303.9996	10711.4762	110.32
G26	10158.9755	10376.6884	110.53	G58	10298.2958	10734.8541	110.08
G27	10160.1325	10362.2158	110.86	G59	10236.6112	10724.4873	110.26
G28	10187.5488	10333.0895	110.18	G60	10240.5889	10700.8192	110.74
G29	10176.3059	10315.8566	109.98	G61	10204.8368	10712.8457	110.74
G30	10045.2443	10484.1709	110.82	G62	10222.3104	10729.2979	110.26
G31	10058.9546	10469.6095	110.62	G63	10328.8073	10752.018	109.58
G32	10110.1725	10428.5282	111.00	G64	10376.8565	10797.2588	110.36

ALL GRADES SHOWN ARE FINISHED GRADE TOP OF ASPHALT

RADIUS POINT TABLE

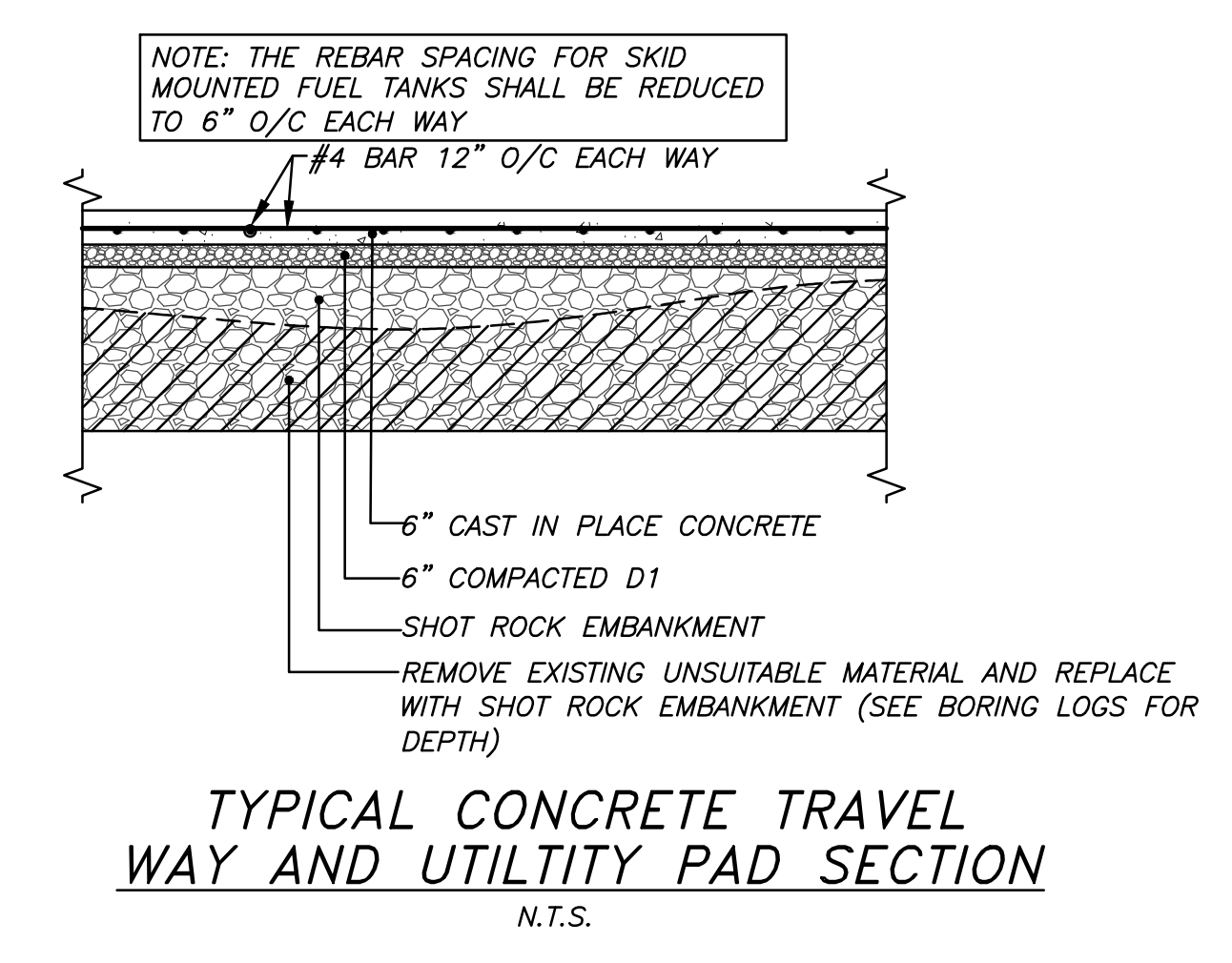
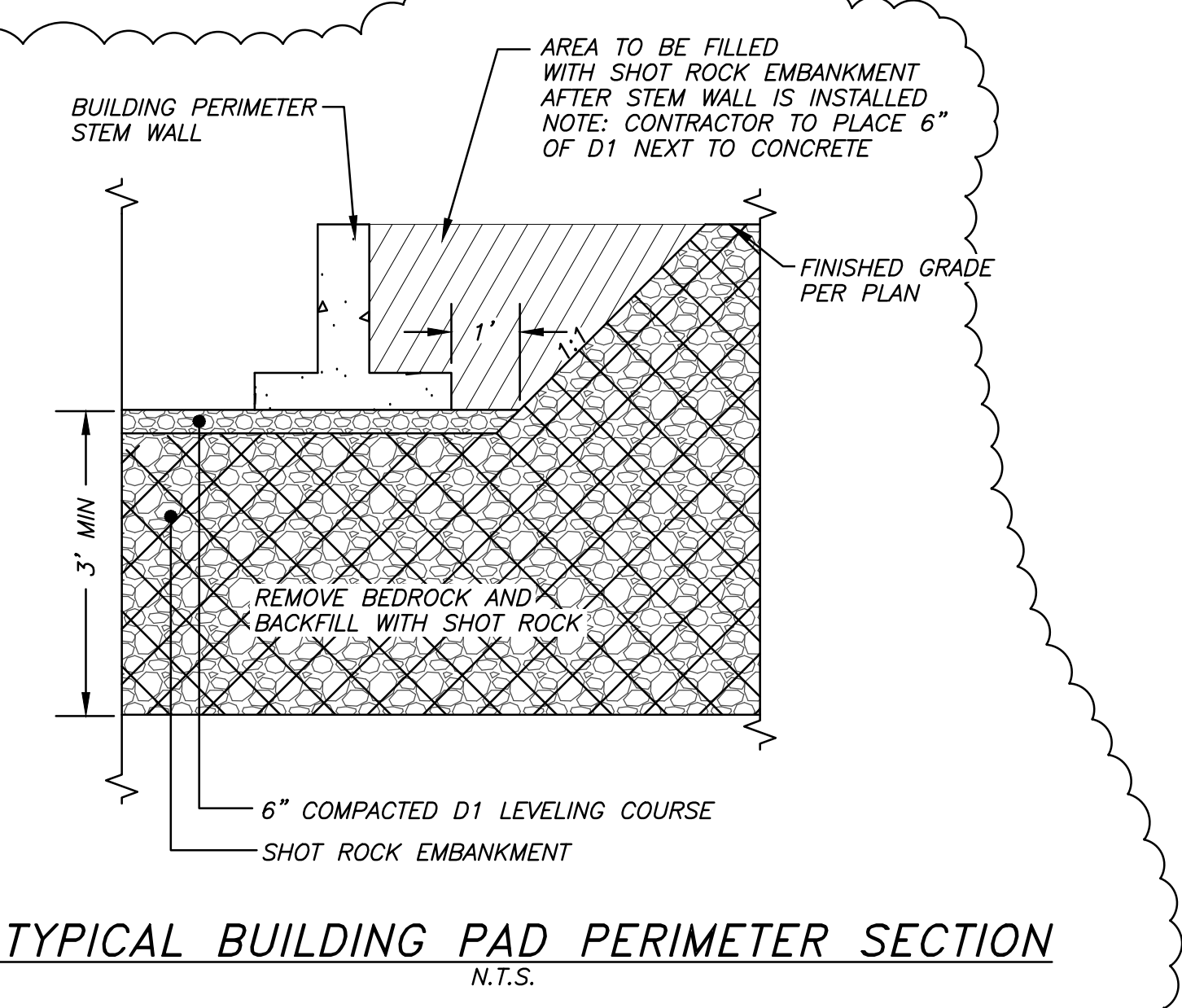
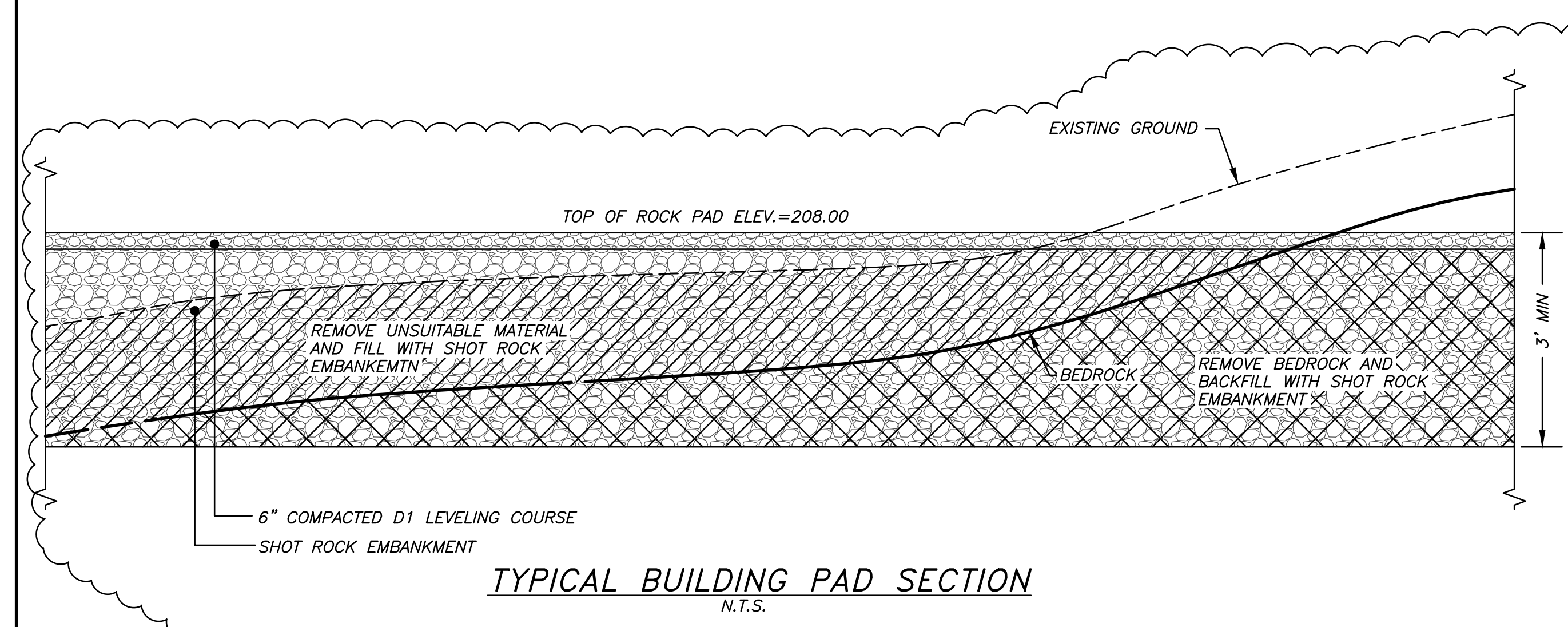
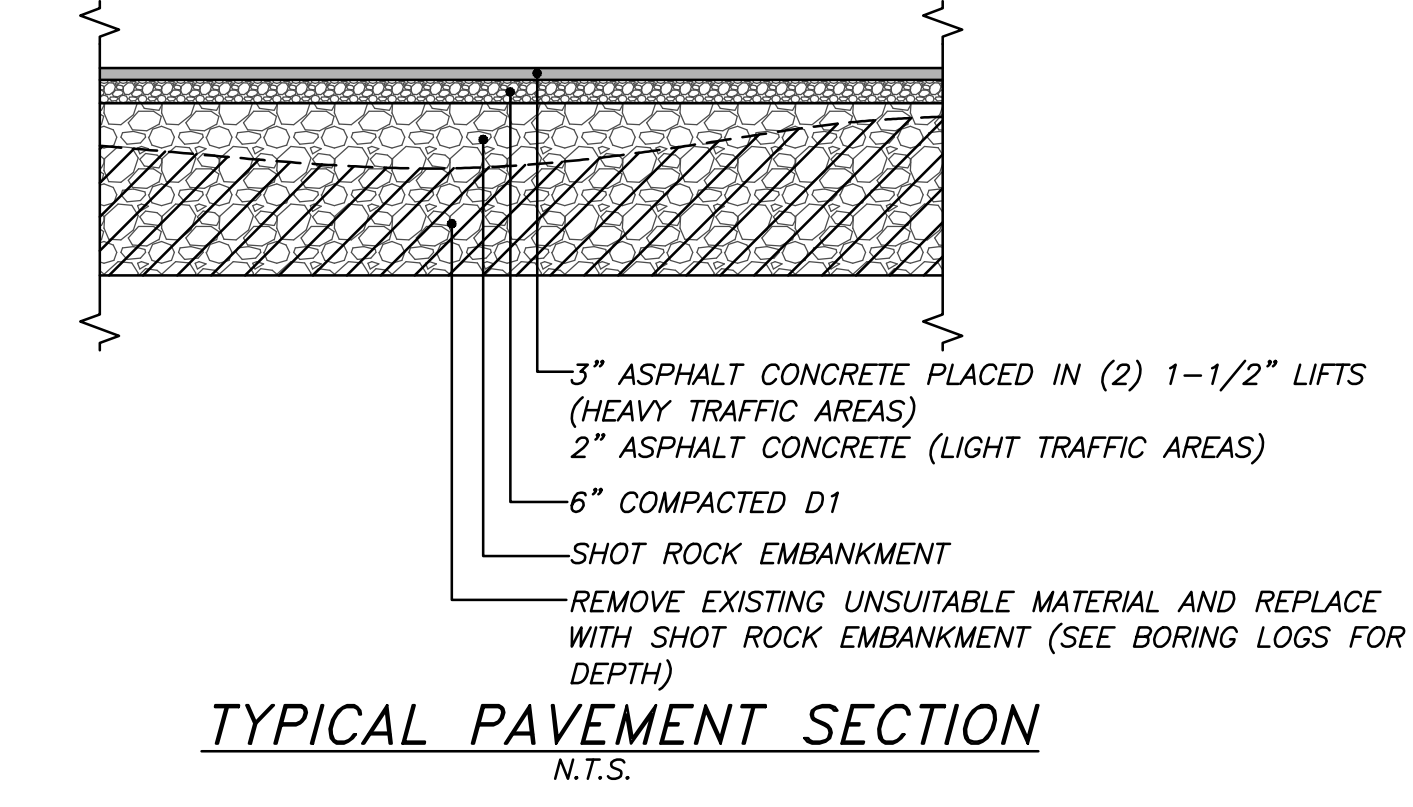
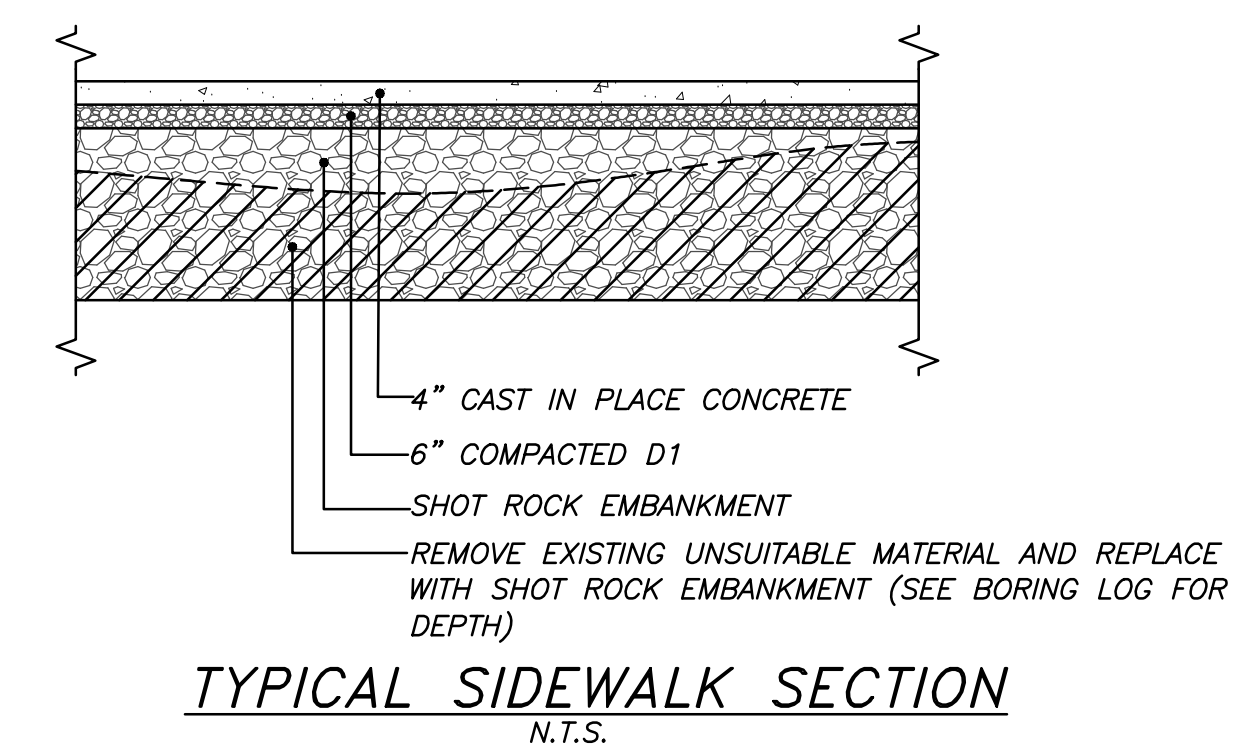
RADIUS POINT #	NORTHING	EASTING	RADIUS POINT #	NORTHING	EASTING
RP1	9957.24	10361.90	RP11	10117.02	10329.23
RP2	9986.11	10419.68	RP12	10180.19	10320.67
RP3	10011.75	10430.05	RP13	10413.51	10547.29
RP4	9956.80	10473.19	RP14	10407.62	10597.30
RP5	10030.94	10477.58	RP15	10347.16	10657.13
RP6	10051.51	10455.73	RP16	10340.31	10664.41
RP7	10061.83	10444.77	RP17	10304.83	10706.52
RP8	10102.12	10420.93	RP18	10290.01	10784.16
RP9	10118.24	10436.11	RP19	10233.96	10740.27
RP10	10145.81	10356.52			

ALL RADII ARE 5' UNLESS OTHERWISE NOTED ON THE PLAN SHEET.

- LEGEND**
- EXISTING CONTOUR
 - EXISTING INDEX CONTOUR
 - FINISHED GRADE CONTOUR
 - XXX FINISHED GRADE INDEX CONTOUR
 - EXISTING EDGE OF GRAVEL
 - EDGE OF ASPHALT / CONCRETE
 - CURB
 - SD STORM LINE
 - XSD EXISTING STORM LINE
 - SS SANITARY LINE
 - XSS EXISTING SANITARY LINE
 - XFM EXISTING SANITARY FORCE MAIN
 - WATER LINE
 - XW EXISTING WATER LINE
 - EXISTING STORM MANHOLE
 - EXISTING STORM MANHOLE W/ GRATED RIM
 - EXISTING STORM CATCHBASIN
 - STORM CATCHBASIN
 - SANITARY MANHOLE
 - WATER VALVE
 - EXISTING WATER VALVE
 - FIRE HYDRANT
 - STORM FLOW CONTROL MANHOLE

SIDEWALK & PAD GRADE POINTS

POINT #	NORTHING	EASTING	ELEV.
SW1	10200.25	10369.09	112.00
SW2	10178.83	10348.92	110.78
SW3	10158.29	10367.81	111.13
SW4	10119.04	10489.80	111.95
SW5	10120.64	10481.48	111.90
SW6	10055.38	10479.97	111.27
SW7	10070.77	10484.77	112.00
SW8	10019.92	10515.66	111.50
SW9	10043.77	10538.12	111.50
SW10	10053.87	10527.03	112.00
SW11	10084.14	10576.13	111.50
SW12	10096.86	10562.07	112.00
SW13	10132.56	10595.74	112.00
SW14	10120.22	10609.99	111.50
SW15	10104.42	10589.05	111.80
SW16	10186.03	10637.16	112.00
SW17	10168.60	10655.65	111.50
SW18	10252.99	10682.33	111.40
SW19	10253.42	10696.46	111.30
SW20	10351.04	10445.13	111.80
SW21	10245.247	10368.878	112.00



DEJA
A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska

AHFDI AMERICAN HEALTH FACILITY DEVELOPMENT

REVISION #1 - 4/12/12:
REVISED PER CONTRACTOR
AND TEAM REVIEW

PROJECT NUMBER
10528.00
DATE
March 21, 2012

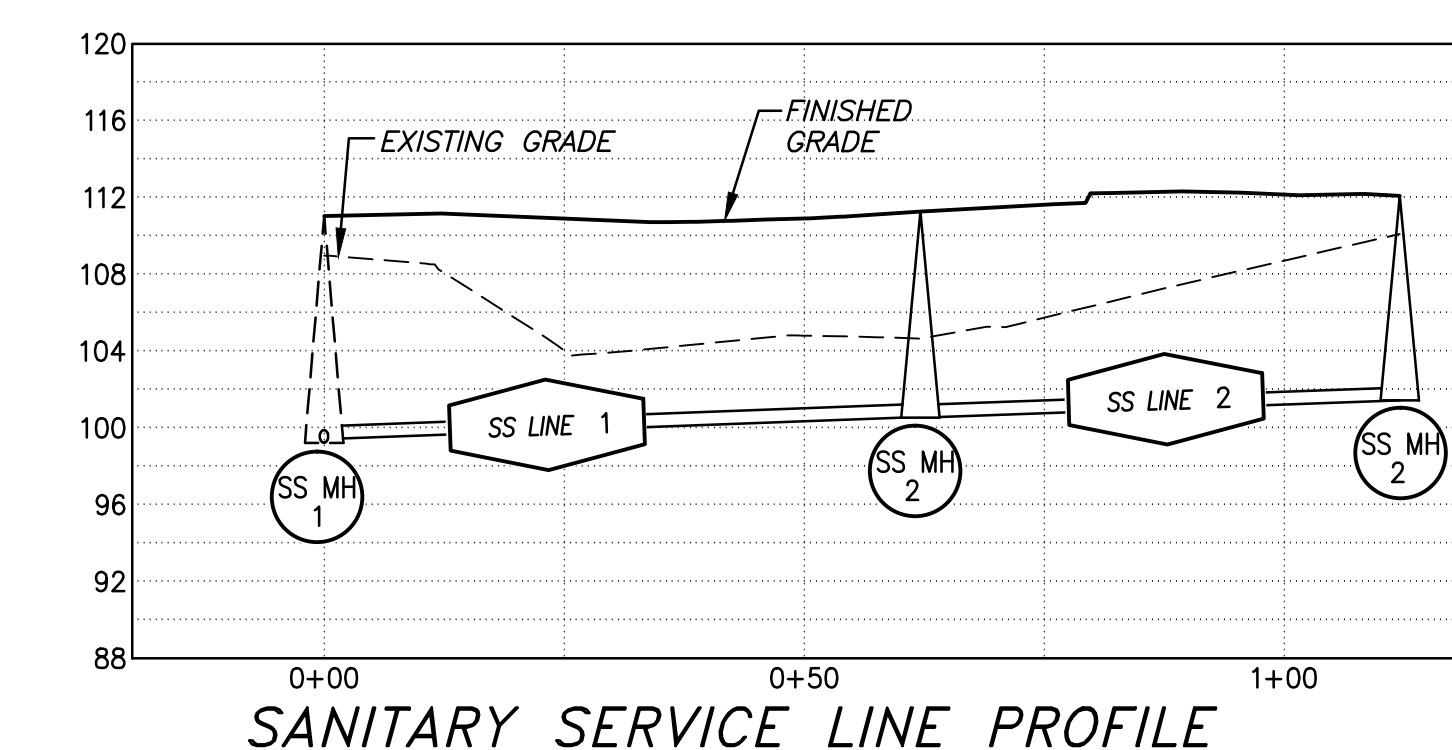
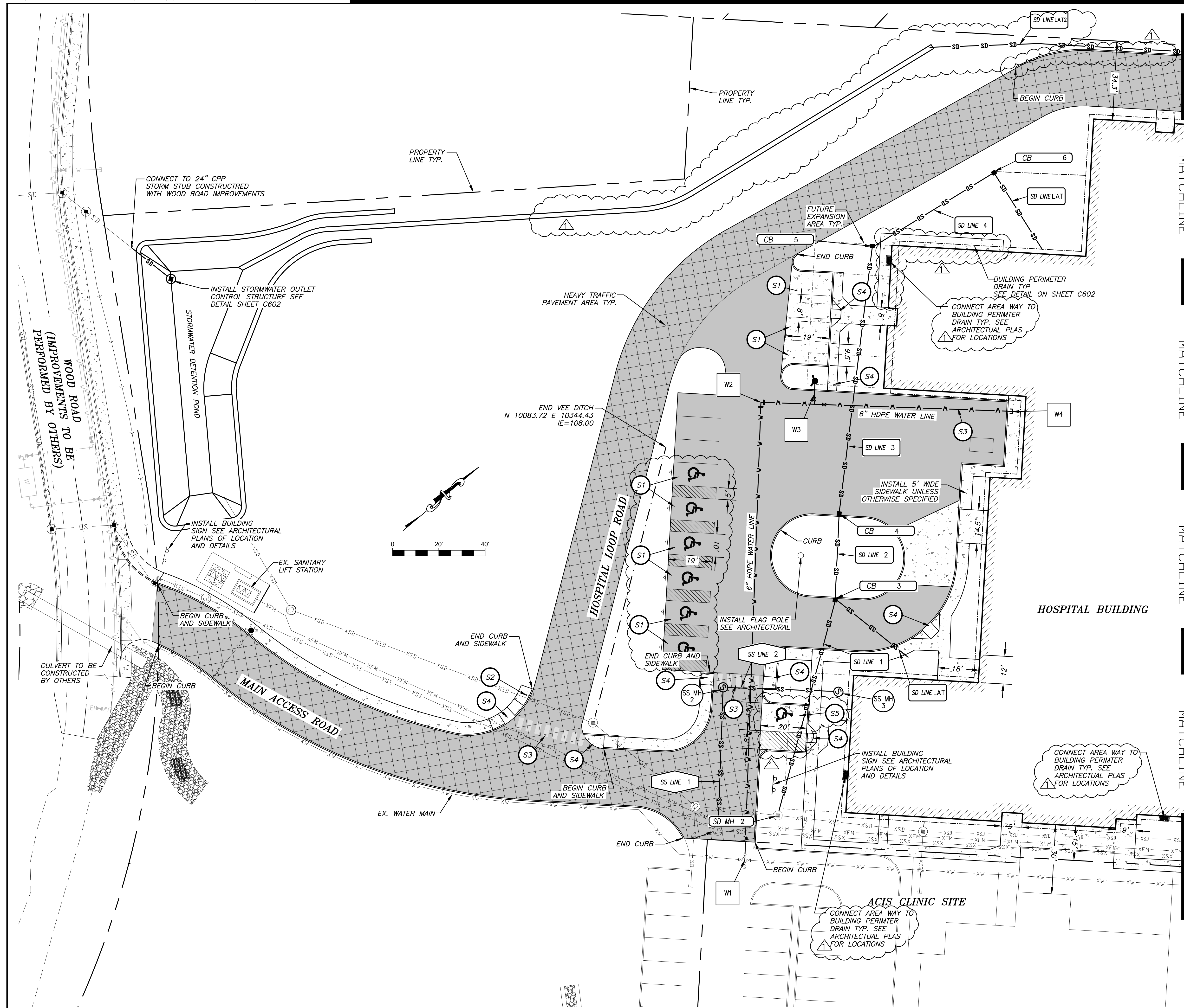


R&M
R&M ENGINEERING-KETCHIKAN, INC.
355 CARLANNA LAKE ROAD

Early Release Package

C301
PAVING PLAN

David E. Johnson
Architect
4551 Trousdale Drive
Nashville, TN 37204-6257
615.837.0655
414.847.0667



SANITARY CONSTRUCTION NOTES

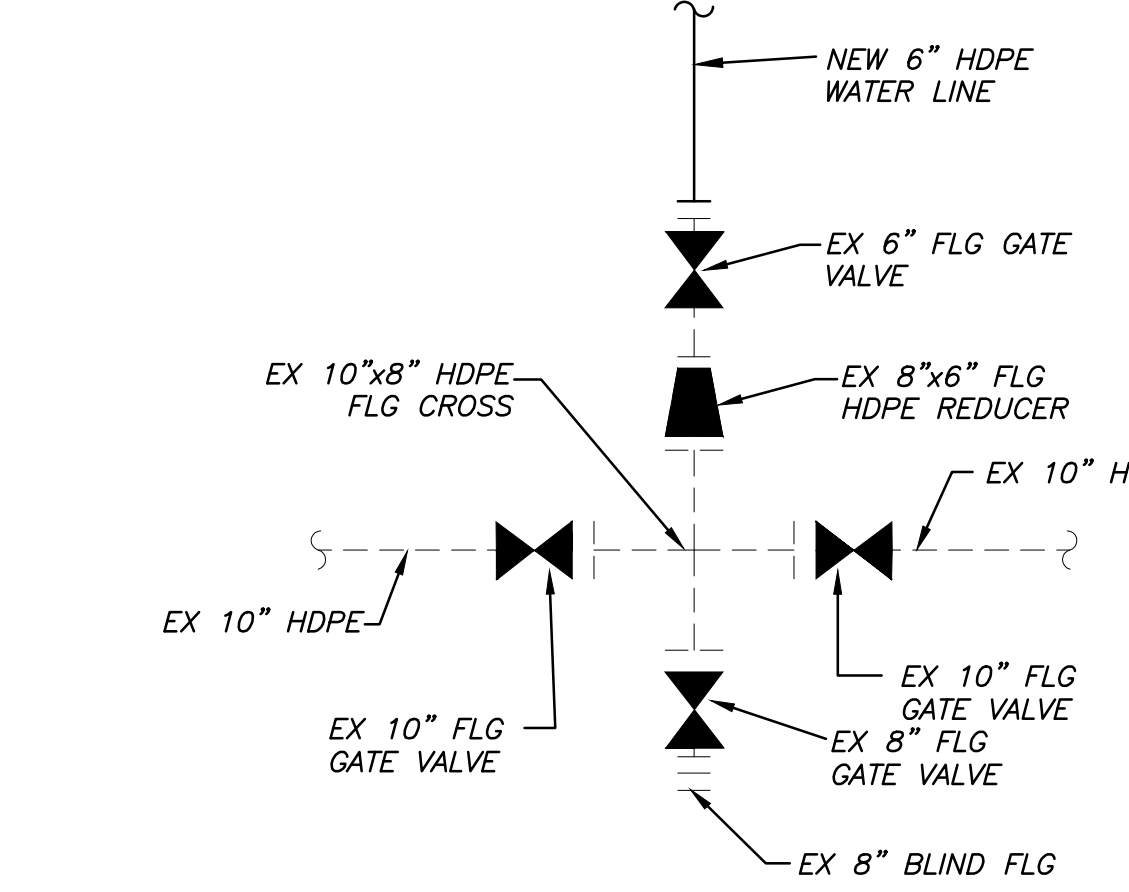
SS MH 1 EX SAN MH STA 0+00.00 RIM=111.03 IE IN=99.42 N 9982.93 E 10415.43	SS MH 2 INSTALL 48" MH STA 0+62.11 RIM=110.85 IE IN=100.78 IE OUT=100.58 N10035.91 E10439.93	SS MH 3 INSTALL 48" MH STA 1+12.02 RIM=111.90 IE IN=101.70 IE OUT=101.70 N10072.90 E10473.44
SS LINE 1 INSTALL 58 LF 8" SDR 35 PVC S=0.02	SS LINE 2 INSTALL 46 LF 8" SDR 35 PVC S=0.02	

SEE STANDARD SANITARY SEWER CONSTRUCTION DETAIL SHEET C601, PRIOR TO PAVING CONTRACTOR TO RAISE ALL EXISTING MANHOLE RIMS WITH GRADE RINGS AS NEEDED TO MATCH FINISHED GRADE.

WATER CONSTRUCTION NOTES

W1 CONNECT TO EX. 6" GATE VALVE SEE WATER CONNECTION DETAIL 1/C400 N 9994.95 E 10503.14	W2 INSTALL: (1) 90° FLG BEND N 10127.76 E 10355.94 SEE DETAIL SHEET C602	W3 INSTALL: (1) FIRE HYDRANT ASSEMBLY SEE DETAIL SHEET C602 N 10144.85 E 10371.36	W4 END 6" WATER LINE WITH BLIND FLG N 10208.58 E 10428.86 SEE PLUMBING PLAN FOR CONTINUATION
---	--	---	--

SEE STANDARD WATER CONSTRUCTION DETAIL SHEET C600



1 WATER CONNECTION DETAIL C400 NOT TO SCALE

HANDICAP AND PEDESTRIAN ACCESS NOTES

S1 CONSTRUCT HANDICAP PARKING SPACE AND SIGN PER DETAILS 1&2 ON SHEET C603	S2 CONSTRUCT 36"x36" STOP SIGN PER MUTCD STANDARDS AND DETAIL 2 ON SHEET C603	S3 CONSTRUCT PEDESTRIAN CROSS WALK STRIPING WITH STOP BAR PER MUTCD STANDARDS	S4 CONSTRUCT HANDICAP RAMP PER DETAIL 5 ON SHEET C603	S5 CONSTRUCT VAN ACCESS PARKING SPACE AND SIGN PER DETAILS 1&2 ON SHEET C603
--	---	---	---	--

STORM CONSTRUCTION NOTES

SD MH 1 EX STORM MH W/ WITH GRATED RIM RIM=108.67 GRADE DITCH TO DRAIN TO MANHOLE	SD MH 2 CONNECT TO EX. STORM MH RIM=109.80 NEW IE IN=103.81	CB 3 INSTALL TYPE IV CB RIM=109.37 IE=105.69 N 10097.29 E 10442.14	CB 4 INSTALL TYPE IV CB RIM=109.47 IE=106.05 N 10122.73 E 10414.59	CB 5 INSTALL TYPE IV CB W/ BEEHIVE GRADE RIM=110.25 IE=107.20 N 10208.13 E 10335.08	SD LINE LAT CONNECT TO ROOF DOWNSPOUTS INSTALL 8" CPP LENGTH=AS NEEDED S=0.005 MIN. SEE MECHANICAL PLANS FOR PIPE LOCATIONS PROVIDE MIN. 2' OF COVER	SD LINE LAT2 DAYLIGHT 8" PERF. PIPE RETAINING WALL FOOTING DRAIN TO DITCH S=0.005 MIN.
SD LINE 1 INSTALL 94 LF 18" CPP S=0.02	SD LINE 2 INSTALL 36 LF 18" CPP S=0.01	SD LINE 3 INSTALL 115 LF 18" CPP S=0.01	SD LINE 4 INSTALL 60 LF 18" CPP S=0.01	CB 6 INSTALL TYPE IV CB W/ BEEHIVE GRADE RIM=110.50 IE=107.80 N 10268.88 E 10344.59		

NOTE:
 1) SEE STANDARD STORM DRAINAGE CONSTRUCTION DETAIL SHEET C602 AND TYPICAL TRENCH DETAIL SHEET 7 ON C601.
 2) PRIOR TO PAVING THE CONTRACTOR SHALL ADD GRADE RINGS AS NEEDED RAISE ALL EXISTING CATCHBASINS AND STORM MANHOLES TO FINISHED GRADE

LEGEND

- EXISTING CONTOUR
- XXX- EXISTING INDEX CONTOUR
- FINISHED GRADE CONTOUR
- XXX- FINISHED GRADE INDEX CONTOUR
- EXISTING EDGE OF GRAVEL
- EDGE OF ASPHALT / CONCRETE
- CURB
- SD --- STORM LINE
- XSD --- EXISTING STORM LINE
- SS --- SANITARY LINE
- XSS --- EXISTING SANITARY LINE
- XFM --- EXISTING SANITARY FORCE MAIN
- W --- WATER LINE
- XW --- EXISTING WATER LINE
- ⊙ EXISTING STORM MANHOLE
- ⊙ EXISTING STORM MANHOLE W/ GRATED RIM
- EXISTING STORM CATCHBASIN
- STORM CATCHBASIN
- ⊙ SANITARY MANHOLE
- ⊙ WATER VALVE
- ⊙ EXISTING WATER VALVE
- ⊙ FIRE HYDRANT
- ⊙ STORM FLOW CONTROL MANHOLE

DEJA
 A Replacement Facility for
Wrangell Medical Center
 Wrangell, Alaska

AHFDI AMERICAN HEALTH FACILITY DEVELOPMENT

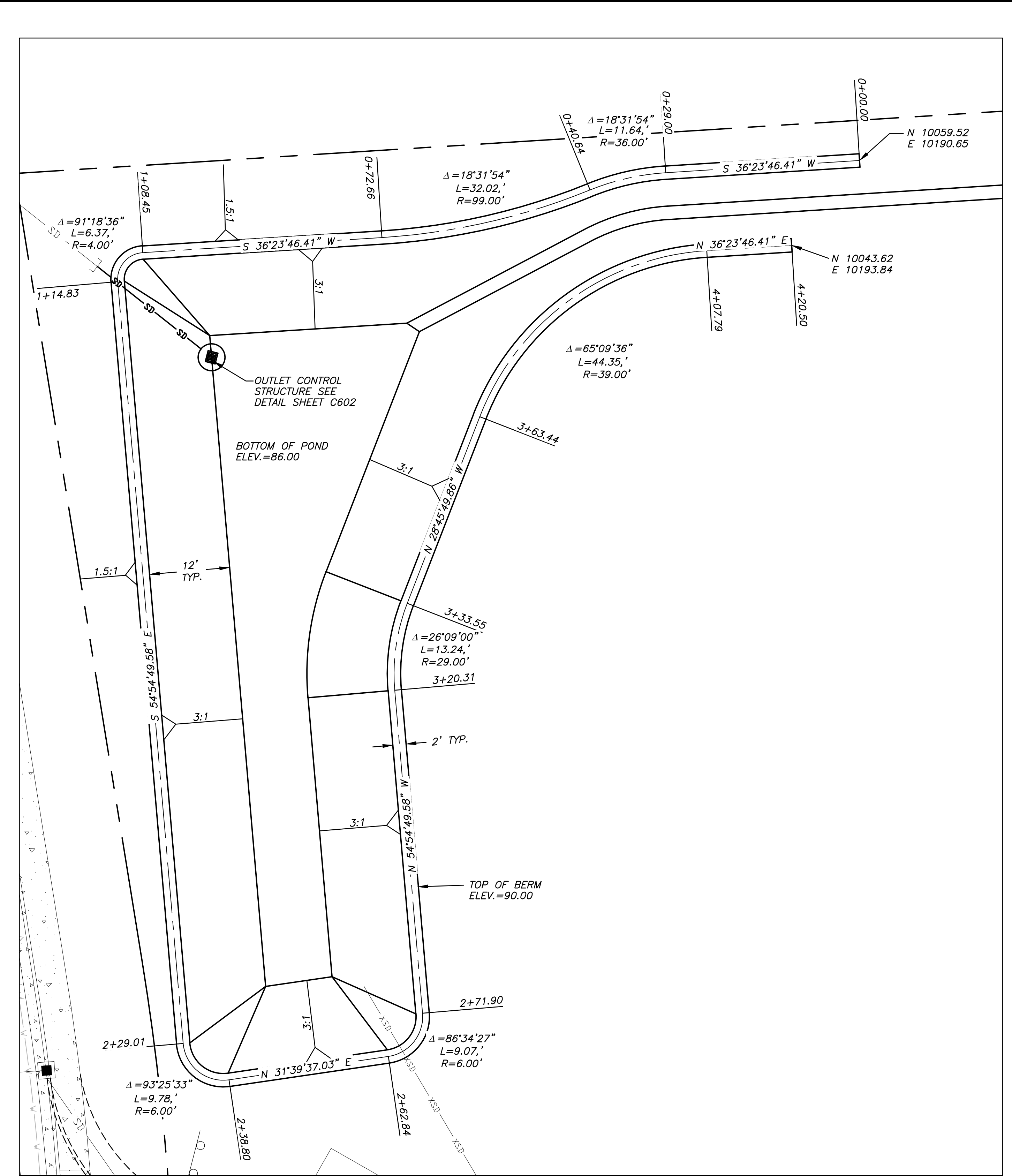
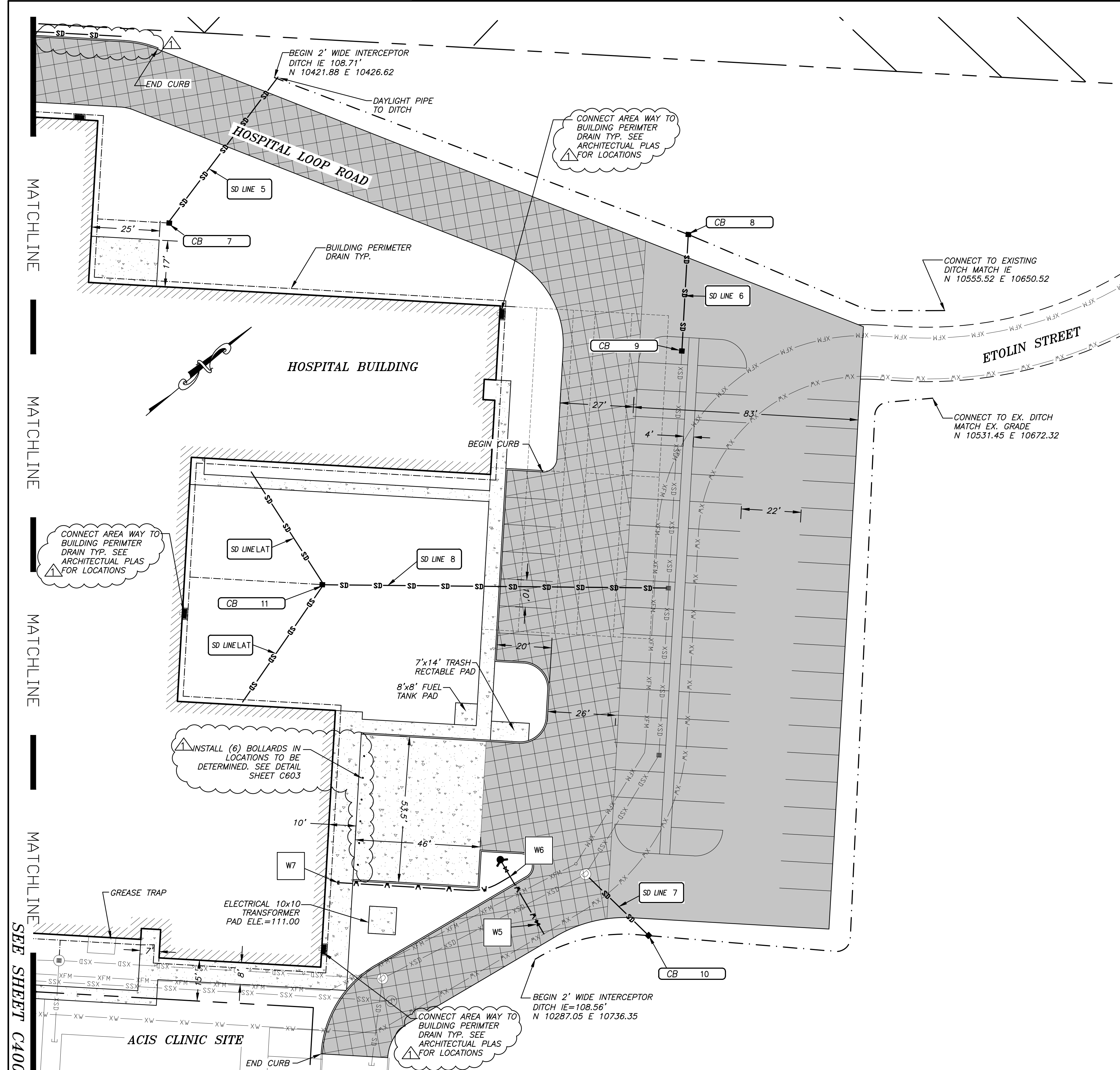
REVISION #1 - 4/12/12:
 REVISED PER CONTRACTOR
 AND TEAM REVIEW

PROJECT NUMBER
10528.00
 DATE
March 21, 2012

C400
 SITE AND
 UTILITY PLAN

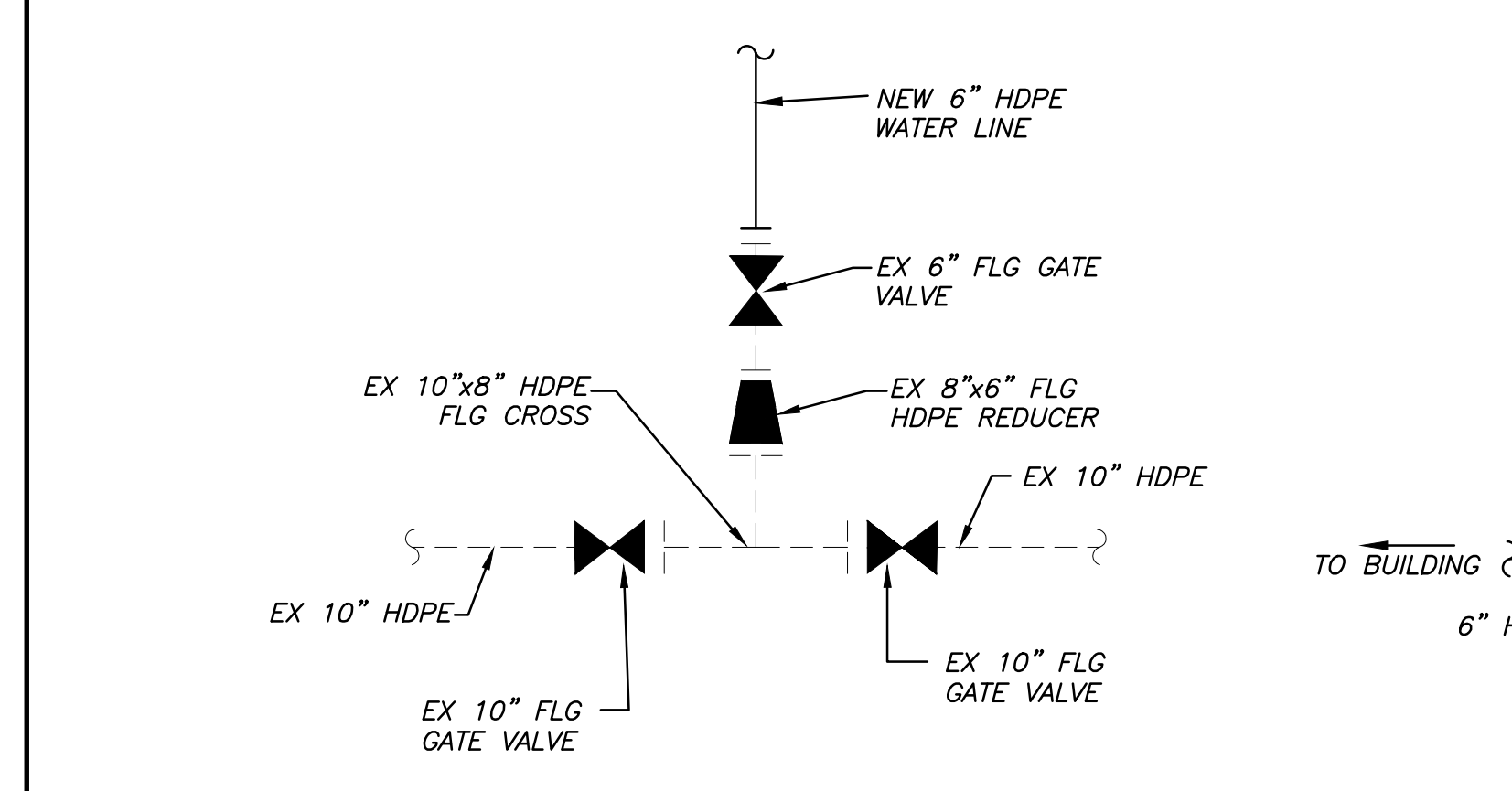


Early Release Package



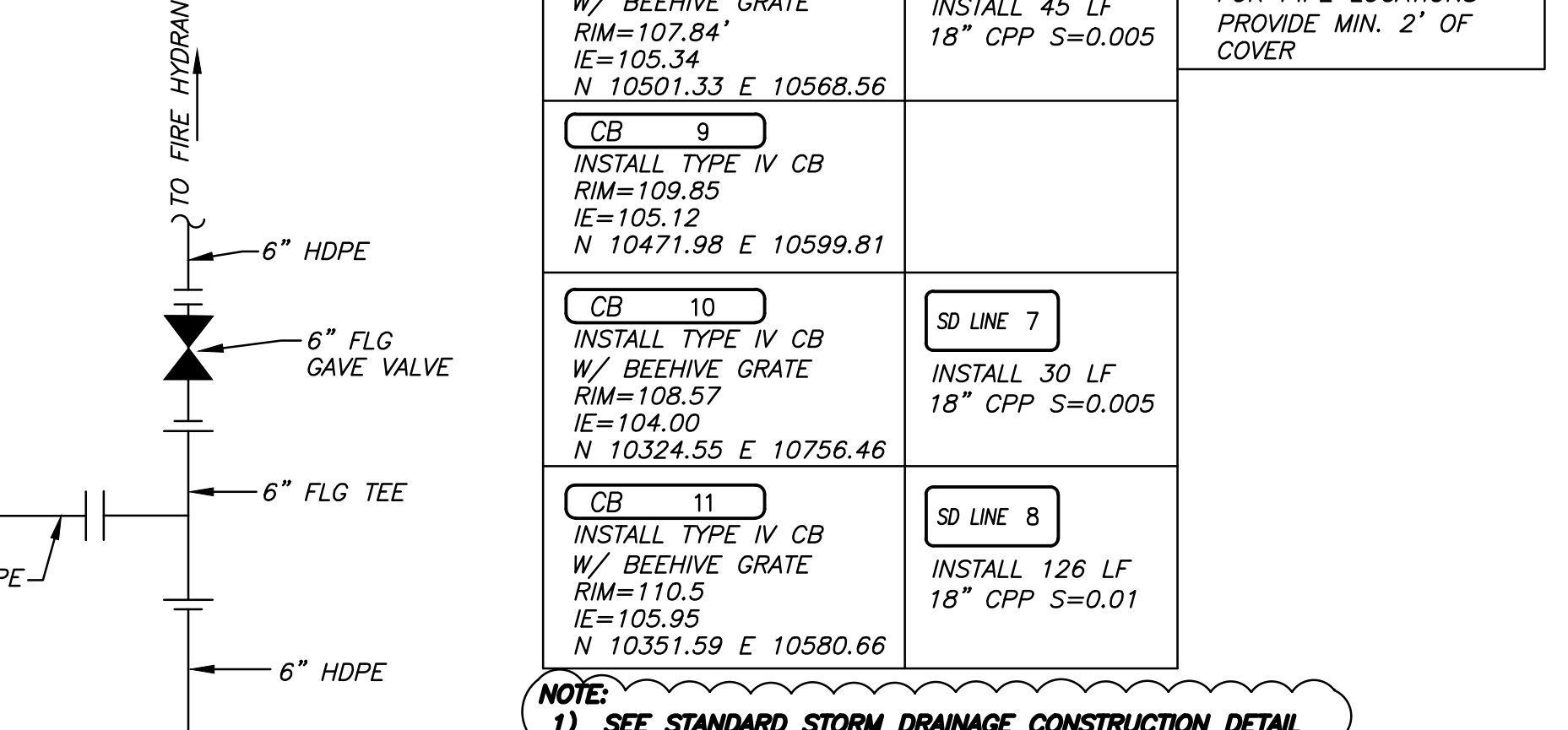
WATER CONSTRUCTION NOTES

WS CONNECT TO EX. SEE WATER CONNECTION DETAIL 1/C401 THIS SHEET W 10297.13 E 10721.36 2/C401 N 10299.51 E 10707.18 SEE STANDARD WATER CONSTRUCTION DETAIL SHEET C600	WB INSTALL FIRE HYDRANT ASSEMBLY AND TEE SEE DETAIL SHEET C600 AND WATER DETAIL	W7 END 6" WATER LINE WITH BLIND FLG N 10249.56 E 10668.18
---	---	---



STORM CONSTRUCTION NOTES

CB 7 INSTALL TYPE IV CB W/ BEEHIVE GRATE RIM=111.00' IE=109.04 N 10357.91 E 10442.73	SD LINE 5 INSTALL 65 LF 12" CPP S=0.005	SD LINE LAT CONNECT TO ROOF DOWNSPOUTS INSTALL 8" OPP LENGTH=AS NEEDED S=0.005 MIN. SEE MECHANICAL PLANS FOR PIPE LOCATIONS PROVIDE MIN. 2' OF COVER
CB 8 INSTALL TYPE IV CB W/ BEEHIVE GRATE RIM=107.84' IE=105.34 N 10501.33 E 10568.56	SD LINE 6 INSTALL 45 LF 18" CPP S=0.005	
CB 9 INSTALL TYPE IV CB RIM=109.85' IE=105.12 N 10471.98 E 10599.81	SD LINE 7 INSTALL 30 LF 18" CPP S=0.005	
CB 10 INSTALL TYPE IV CB W/ BEEHIVE GRATE RIM=108.57' IE=104.00 N 10324.55 E 10758.46	SD LINE 8 INSTALL 126 LF 18" CPP S=0.01	
CB 11 INSTALL TYPE IV CB W/ BEEHIVE GRATE RIM=110.5' IE=105.95 N 10351.59 E 10580.66		



NOTE:
 1) SEE STANDARD STORM DRAINAGE CONSTRUCTION DETAIL SHEET C602 AND TYPICAL TRENCH DETAIL SHEET 7 ON C601.
 2) PRIOR TO PAVING THE CONTRACTOR SHALL ADD GRADE RINGS AS NEEDED RAISE ALL EXISTING CATCHBASINS AND STORM MANHOLES TO FINISHED GRADE

LEGEND

- EXISTING CONTOUR
- XXX- EXISTING INDEX CONTOUR
- FINISHED GRADE CONTOUR
- XXX- FINISHED GRADE INDEX CONTOUR
- - - EXISTING EDGE OF GRAVEL
- EDGE OF ASPHALT / CONCRETE
- CURB
- SD STORM LINE
- XS SD EXISTING STORM LINE
- SS SANITARY LINE
- XSS EXISTING SANITARY LINE
- XFM EXISTING SANITARY FORCE MAIN
- W WATER LINE
- XW EXISTING WATER LINE
- ⊙ EXISTING STORM MANHOLE
- ⊙ EXISTING STORM MANHOLE W/ GRATED RIM
- EXISTING STORM CATCHBASIN
- STORM CATCHBASIN
- ⊙ SANITARY MANHOLE
- W WATER VALVE
- W EXISTING WATER VALVE
- ⊙ FIRE HYDRANT
- ⊙ STORM FLOW CONTROL MANHOLE

DEJA
 A Replacement Facility for
Wrangell Medical Center
 Wrangell, Alaska

AHFDI AMERICAN HEALTH FACILITY DEVELOPMENT

REVISION #1 - 4/12/12:
 REVISED PER CONTRACT
 AND TEAM REVIEW

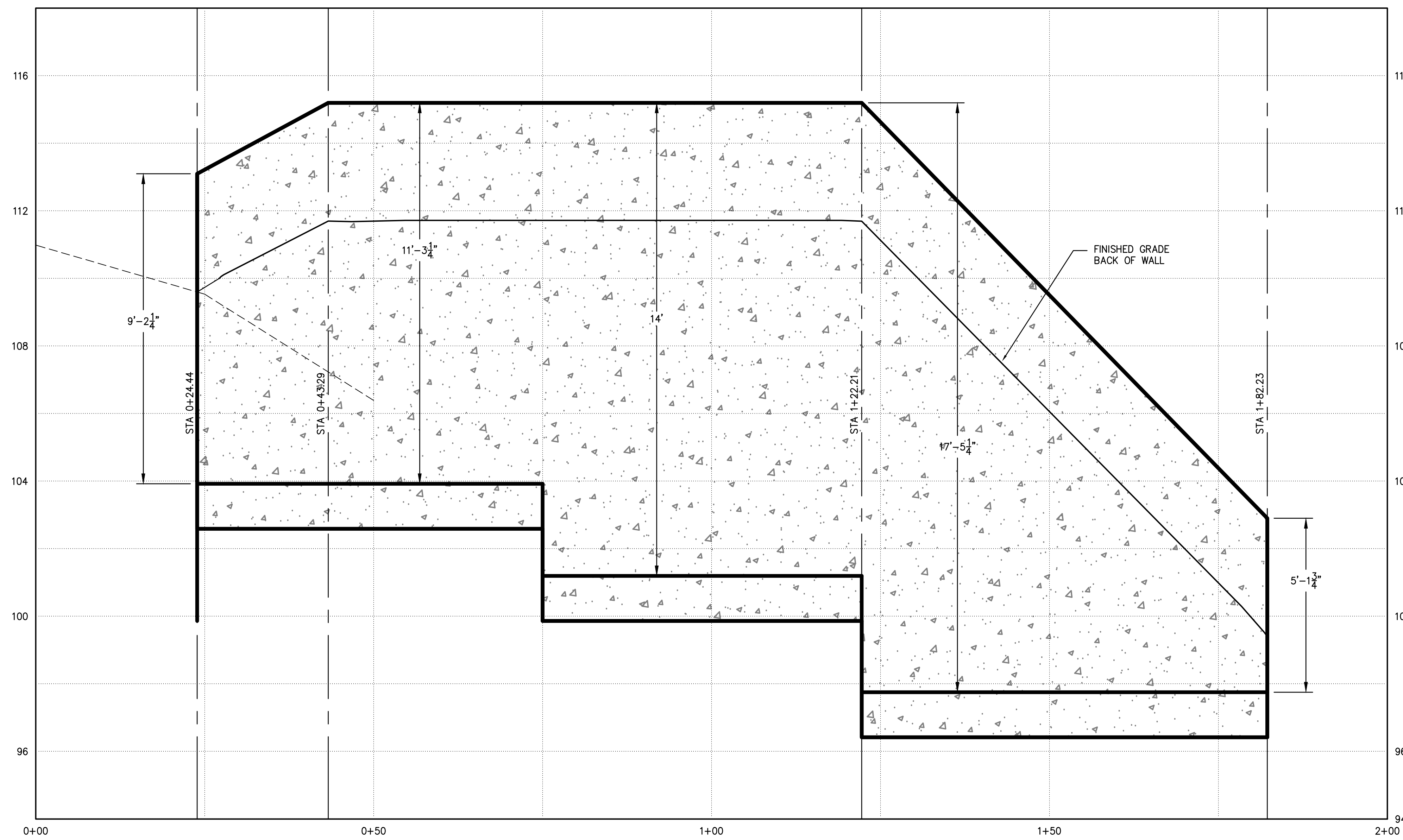
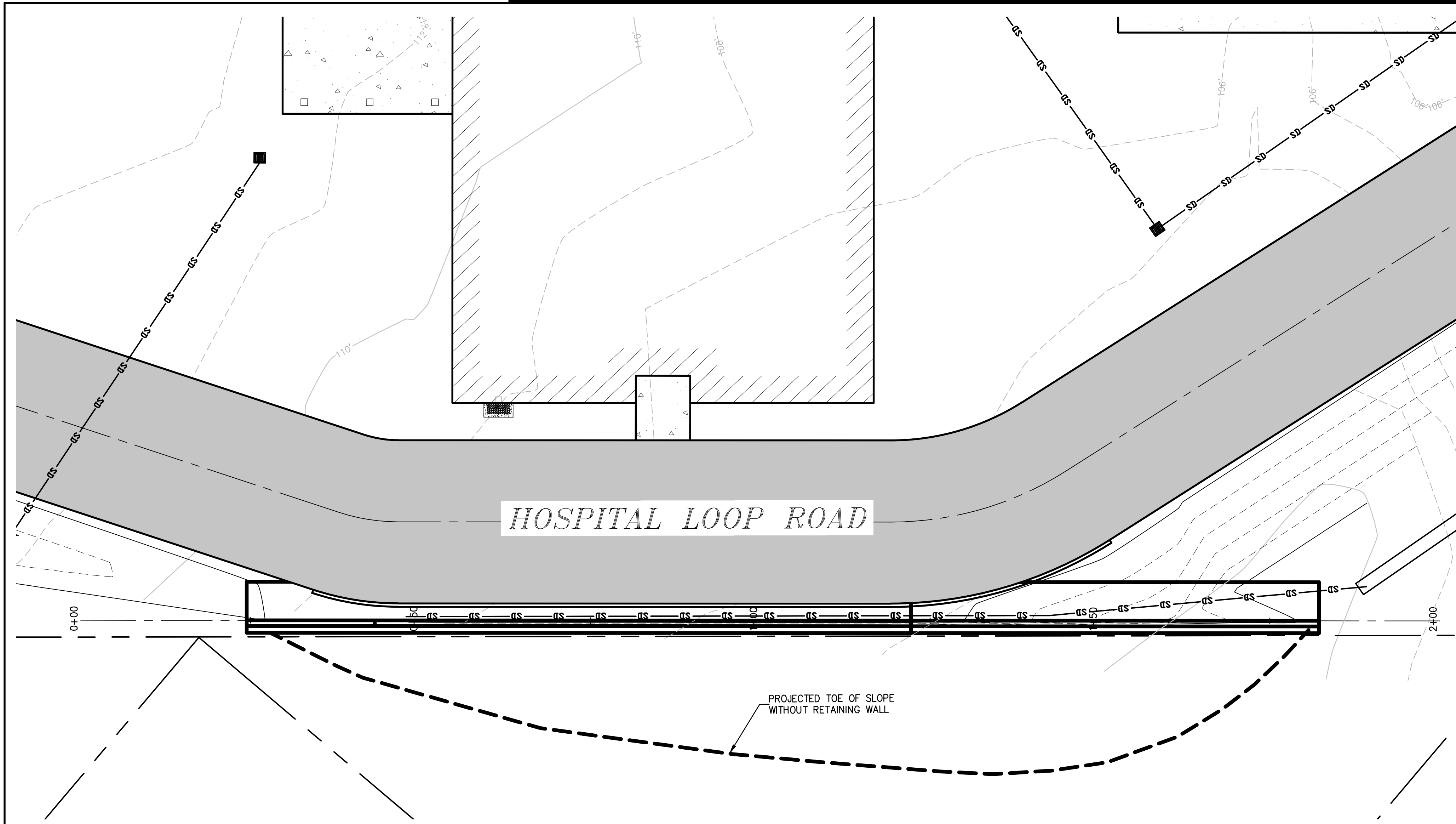
PROJECT NUMBER
10528.00
 DATE
March 21, 2012

C401
 SITE AND
 UTILITY PLAN

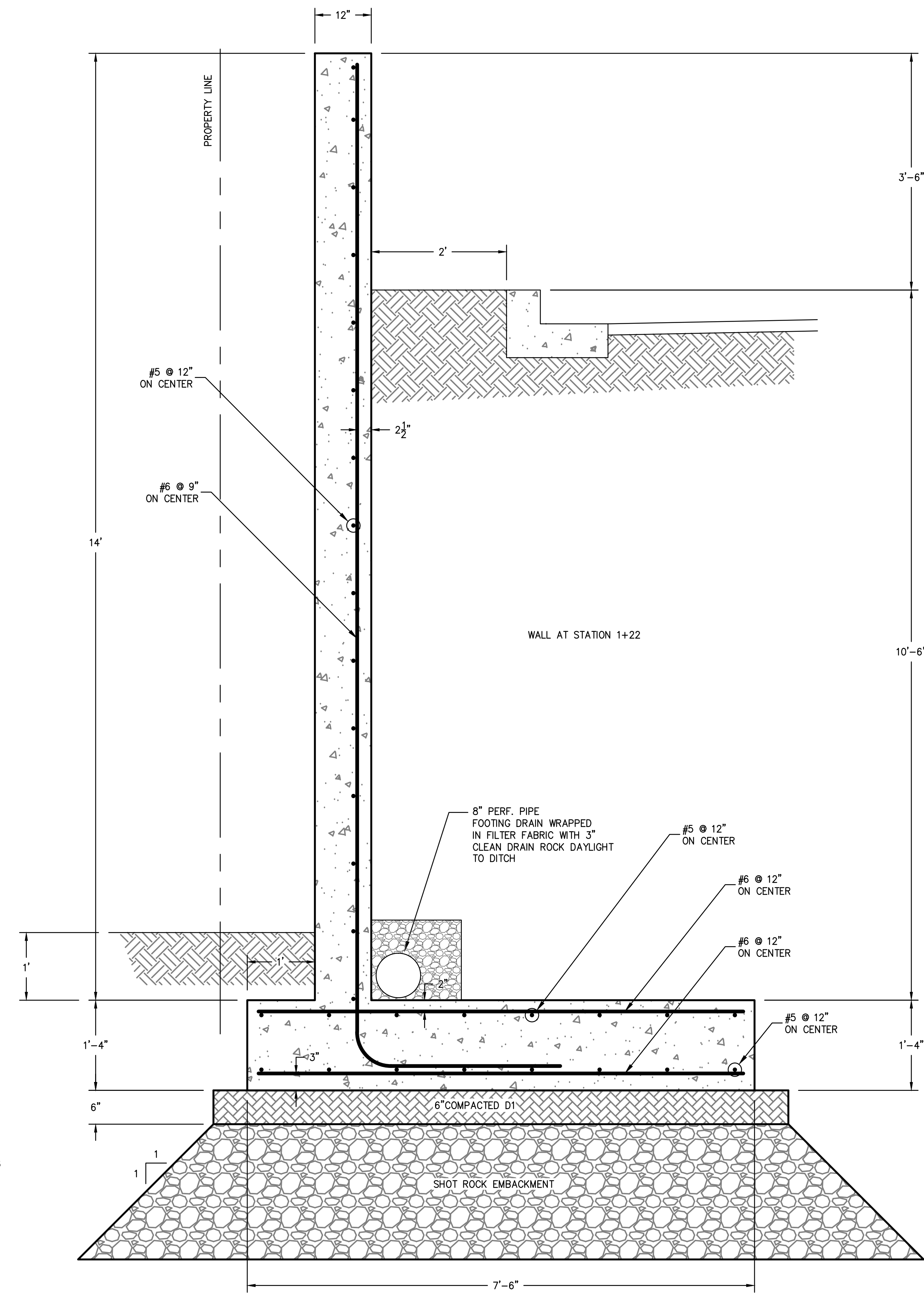


R&M
 R&M ENGINEERING-KETCHIKAN, INC.
 355 CARLANNA LAKE ROAD

Early Release Package

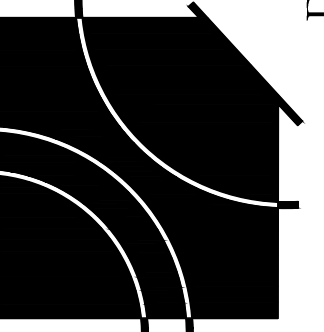


Profile View of Retaining Wall
 HORIZONTAL SCALE: 1" = 20' VERTICAL SCALE: 1" = 4'
 VERTICAL EXAGGERATION: 5



TYPICAL RETAINING WALL SECTION

DEJA



A Replacement Facility for
Wrangell Medical Center
 Wrangell, Alaska

David E. Johnson
 Architect

4551 Townsend Drive
 Astoria, OR 97103
 503.325.0656

AHFDI AMERICAN HEALTH FACILITY DEVELOPMENT

REVISION #1 - 4/12/12:
 REVISED PER CONTRACTOR
 AND TEAM REVIEW

PROJECT NUMBER
10528.00
 DATE
March 21, 2012



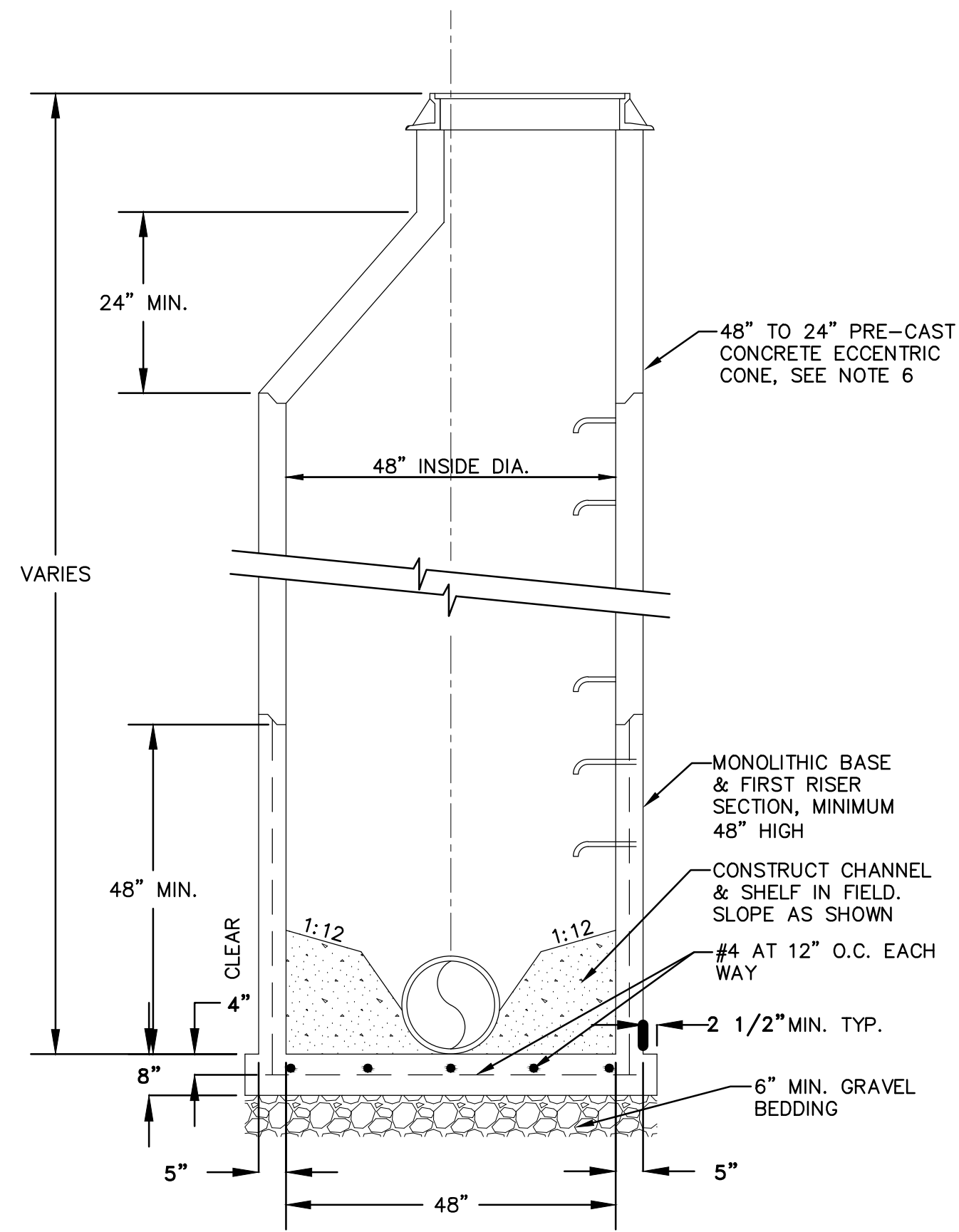
R&M
 R&M ENGINEERING-KETCHIKAN, INC.
 355 CARLANNA LAKE ROAD

C500
 RETAINING WALL
 PLAN AND SECTIC

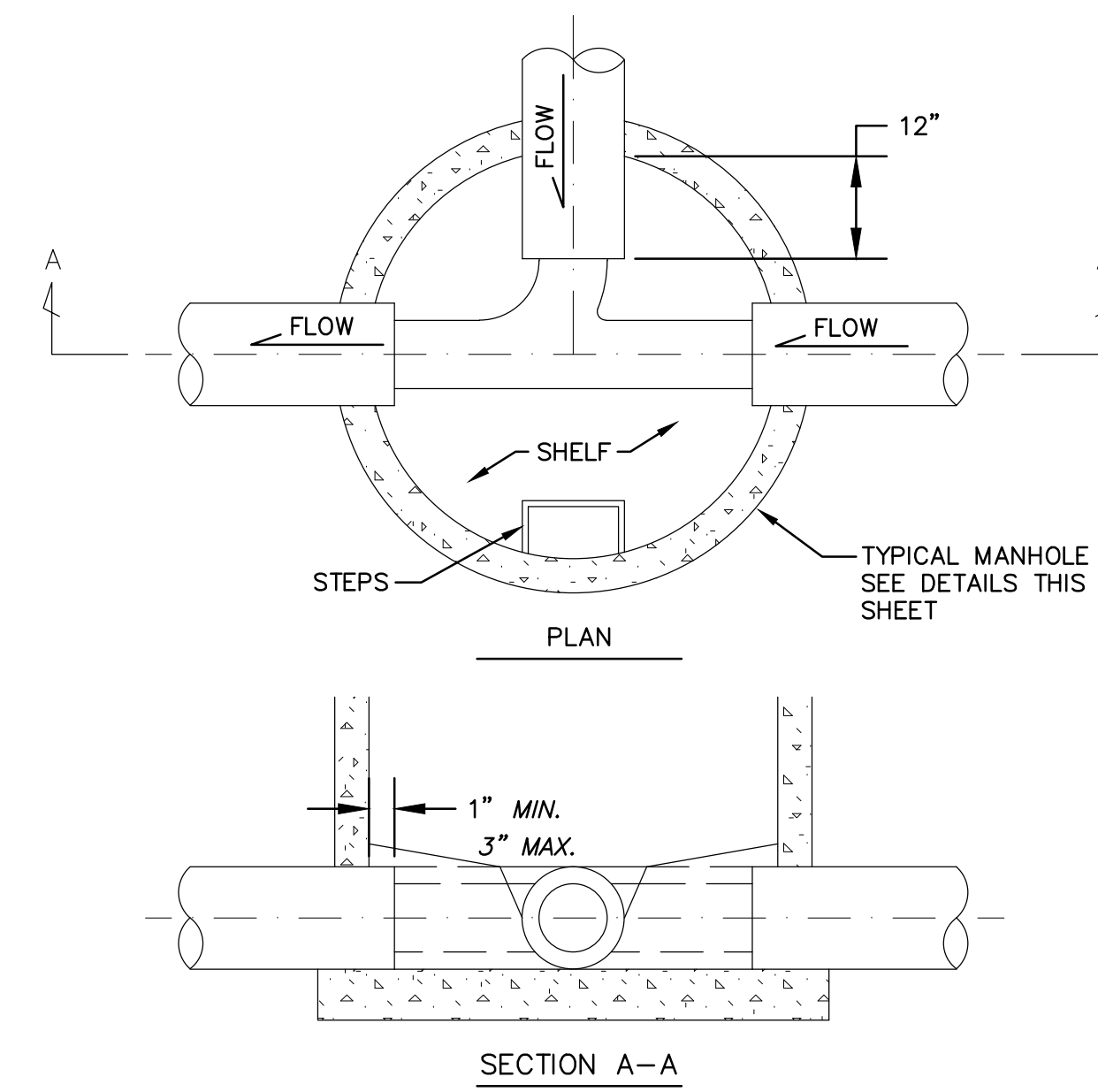
Early Release Package

SANITARY SEWER MANHOLE NOTES:

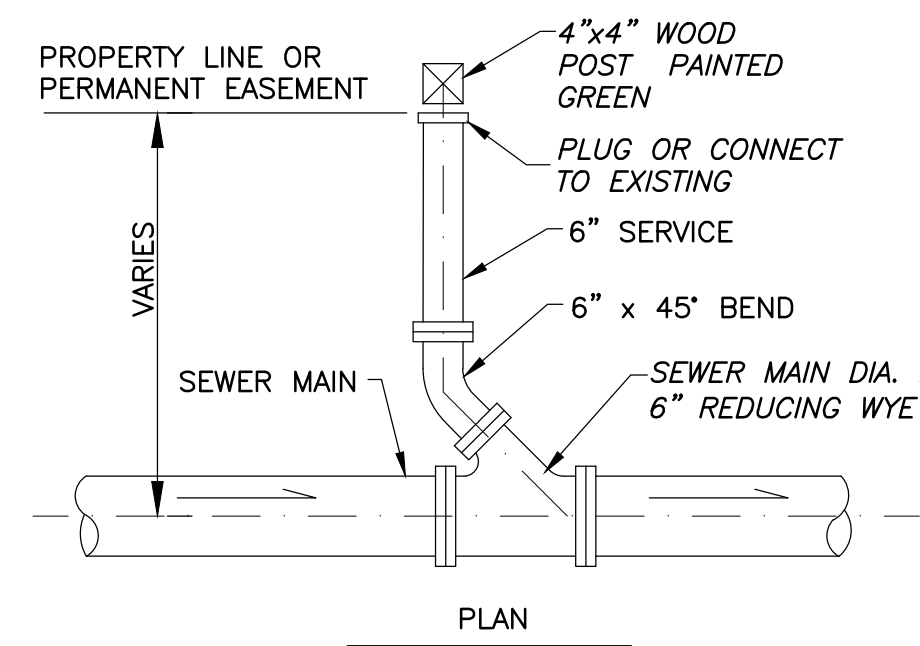
- All manhole sections shall conform to ASTM C-478, latest edition, including minimum steel requirements. Steel shall be embedded in base so that first riser section is connected to base.
- All joints shall include a pre-molded rubber gasket such as "Ram-Nek", or equal. The exterior of all joints shall be plastered with at least 1" of bentonite cement sealing plaster.
- Channel depth shall be equal to the pipe diameter or greater. Channel and shelf shall have a broom finish.
- Ends of pipe shall extend between 1" and 3" into the manhole.
- Seal manhole at pipe connections as shown in Detail 7/D3 and as recommended by the seal manufacturer. No steel reinforcement shall extend into pipe openings.
- When manhole height is less than 7', replace concrete cone section with pre-cast reducing slab. See Detail 9/D3.
- Install orange utility marker per Detail 8/D5.
- Manhole riser rings shall be LADTEC plastic risers. Joints on riser shall be watertight using butyl set in bed of mortar.
- For manholes accepting a flexible connector for 30" C900 sewer pipe, manholes shall be 60" inside diameter.



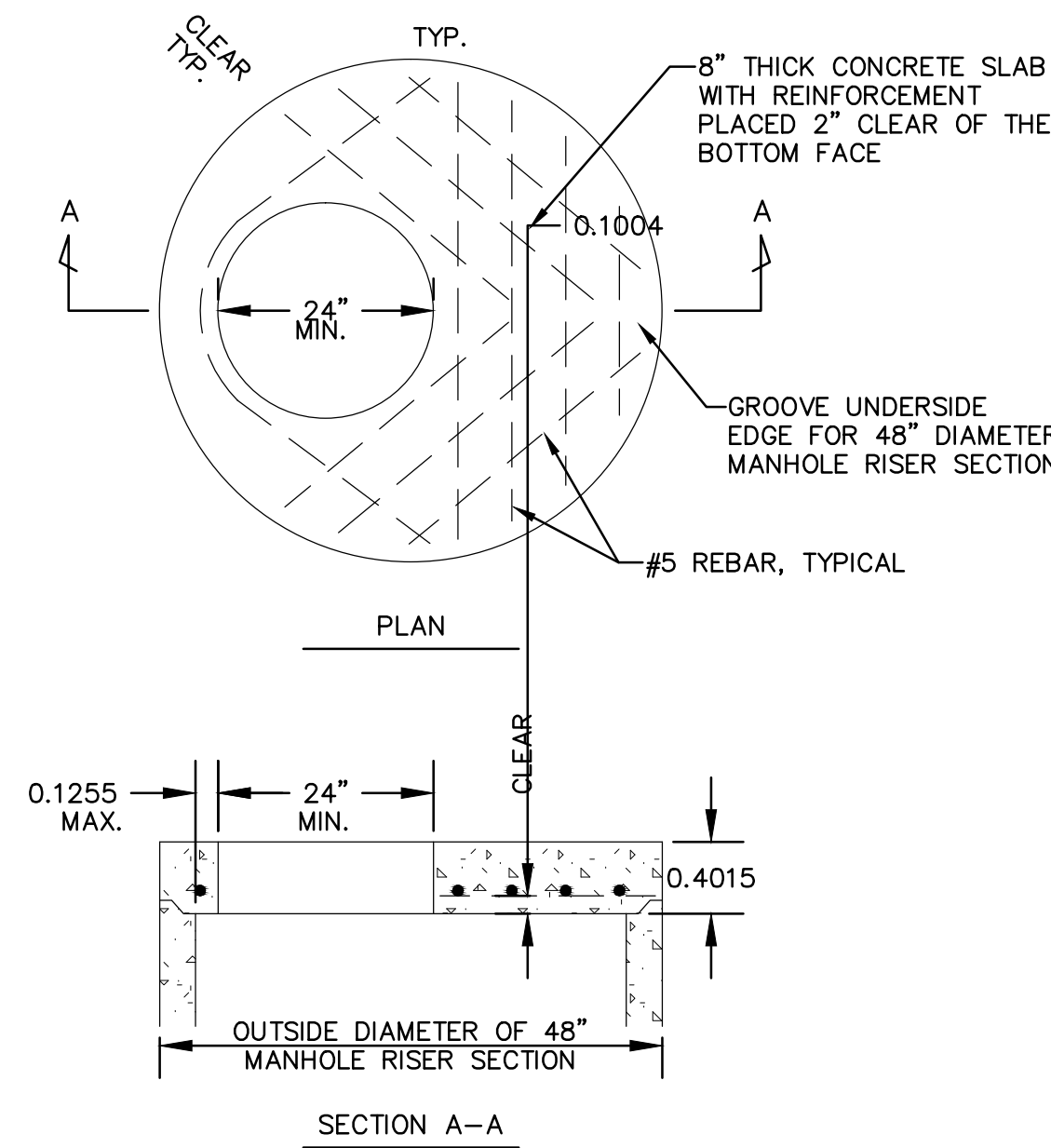
1 TYPICAL SANITARY SEWER MANHOLE
C601 NOT TO SCALE



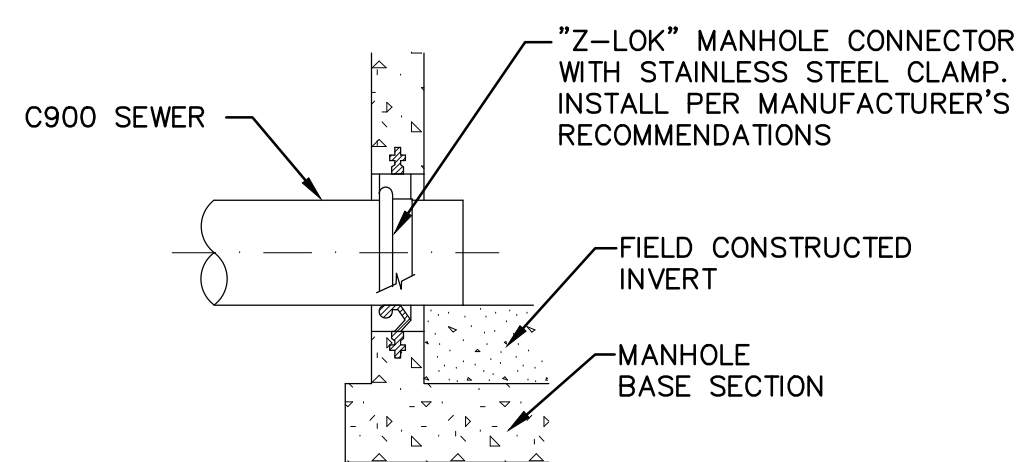
2 SEWER MANHOLE CHANNELING DETAIL
C601 NOT TO SCALE



3 MANHOLE FRAME AND COVER
C601 NOT TO SCALE



4 TYPICAL MANHOLE HEIGHTS
C601 NOT TO SCALE



5 MANHOLE PIPE CONNECTION
C601 NOT TO SCALE

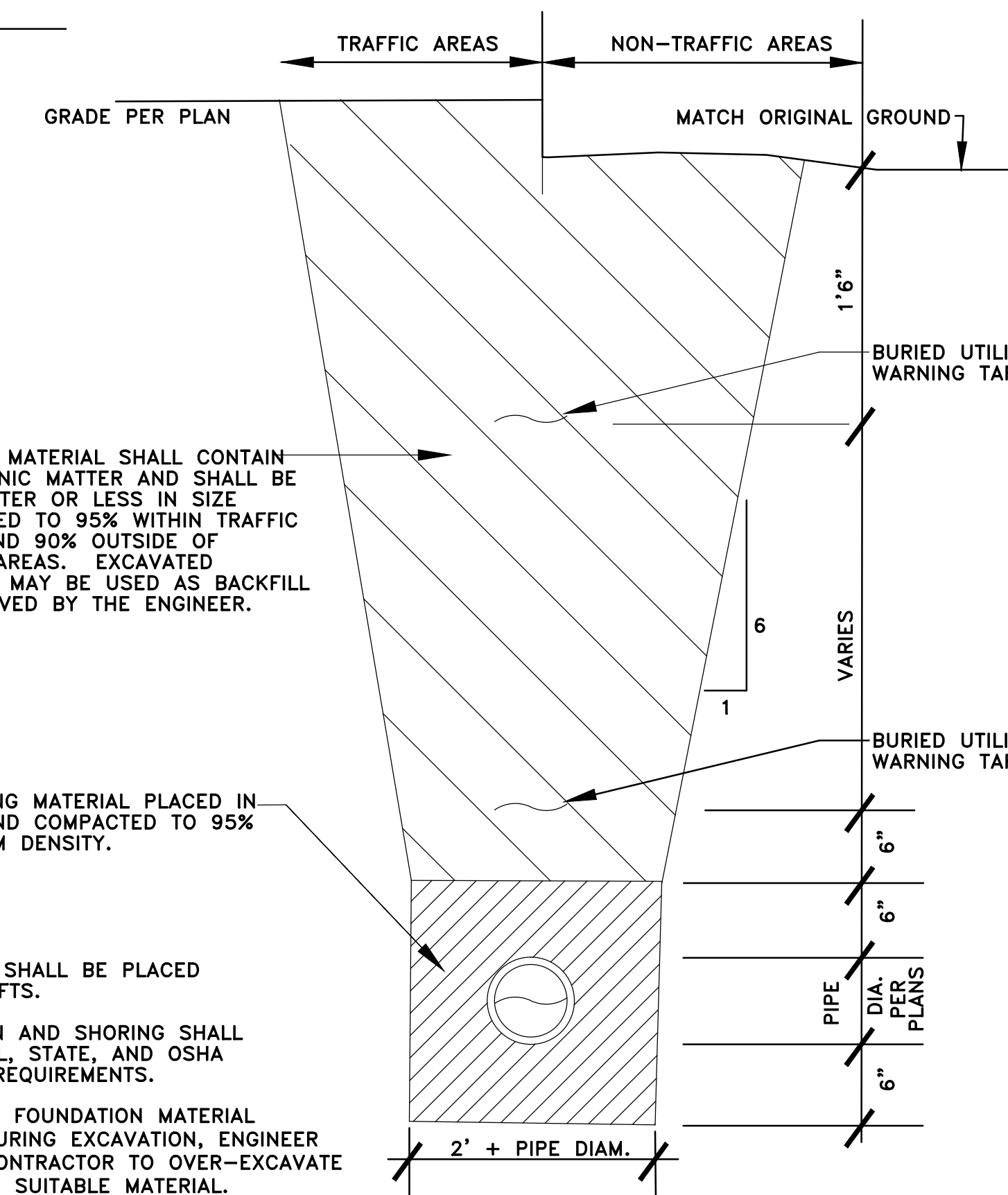
FRAME & COVER NOTES:

- Cover and frame shall be heavy duty and rated for H-20 Loading. Minimum total weight shall be 360 pounds.
- Lockdown bolts shall not be allowed.
- Frame shall be machined to fit watertight cover. Cover shall have the word "SEWER" cast in, and shall be provided with an integral lift handle.
- Frame and cover dimensions shall be in accordance with the guidelines indicated. Variations shall be approved by the Engineer.
- All frames and covers shall be identical for all manhole installations.

MANHOLE HEIGHT NOTES:

- Where installed in paved roadways or paved parking areas, manhole lid shall conform to the grade and cross slope of the pavement. Dimension is to the top of embossed lettering if lettering is higher than the frame.
- Typical manhole heights shall be applied to the top of any sanitary sewer cleanout covers installed.
- Buried manholes or cleanouts shall be marked with an orange carsonite marker. See special provisions.

MANHOLE HEIGHT TABLE		
LOCATION	A	B
GRAVEL ROADWAYS, BACKYARDS, UNPAVED ROADWAY SHOULDERS, TRAVELED WAY OF ALLEYS		6"
WETLANDS, UNDEVELOPED AREAS	24"	
HIGHWAY R.O.W. - 10 FEET OUTSIDE OF PAVED ROADWAY		6"
PAVED ROADWAYS, PAVED PARKING AREAS		1/4"



NOTES:

- BACKFILL MATERIAL SHALL BE PLACED IN 12" MAXIMUM LIFTS.
- TRENCH EXCAVATION AND SHORING SHALL COMPLY WITH LOCAL, STATE, AND OSHA REGULATIONS AND REQUIREMENTS.
- IF UNSUITABLE PIPE FOUNDATION MATERIAL IS ENCOUNTERED DURING EXCAVATION, ENGINEER MAY DIRECT THE CONTRACTOR TO OVER-EXCAVATE AND BACKFILL WITH SUITABLE MATERIAL.
- THE DITCH LINE, IF ONE EXISTS, SHALL BE RESHAPED IN SUCH A MANNER TO ALLOW POSITIVE DRAINAGE TO MATCH PRE-CONSTRUCTION CONDITIONS.
- THIS DETAIL IS APPLICABLE TO STORM SEWER AND SANITARY SEWER INSTALLATION.
- WARNING TAPE SHALL BE 6" WIDE METALLIC

6 TYPICAL SANITARY AND STORM UTILITY TRENCH SECTION
C601 NOT TO SCALE

7 PRE-CAST REDUCING SLAB (48"-24")
C601 NOT TO SCALE

DEJA



A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska

AHFEDI AMERICAN HEALTH FACILITY DEVELOPMENT

REVISION #1 - 4/12/11:
REVISED PER CONTRACTOR
AND TEAM REVIEW

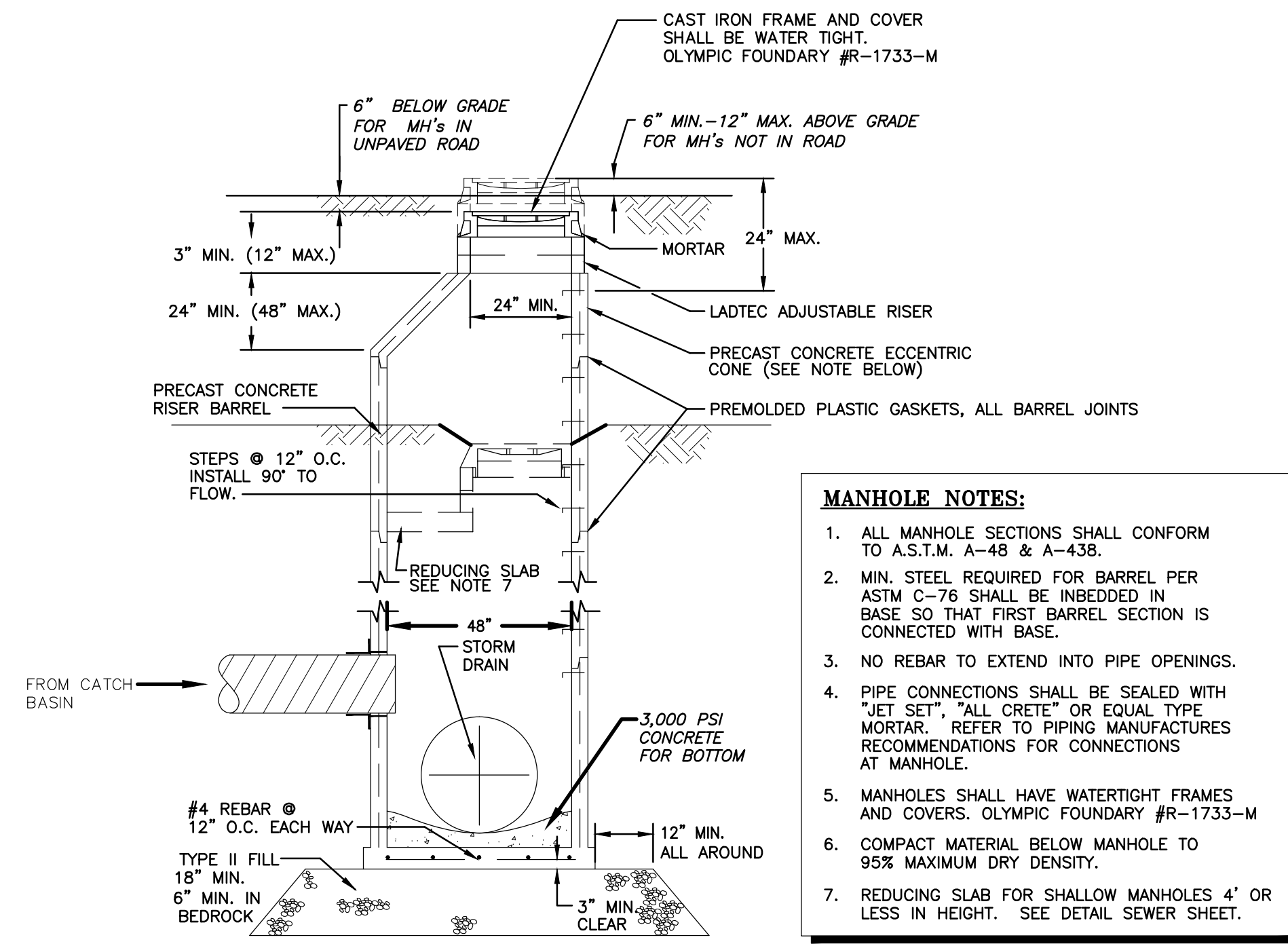
PROJECT NUMBER
10528.00
DATE
March 21, 2012

C601
SANITARY DETAILS



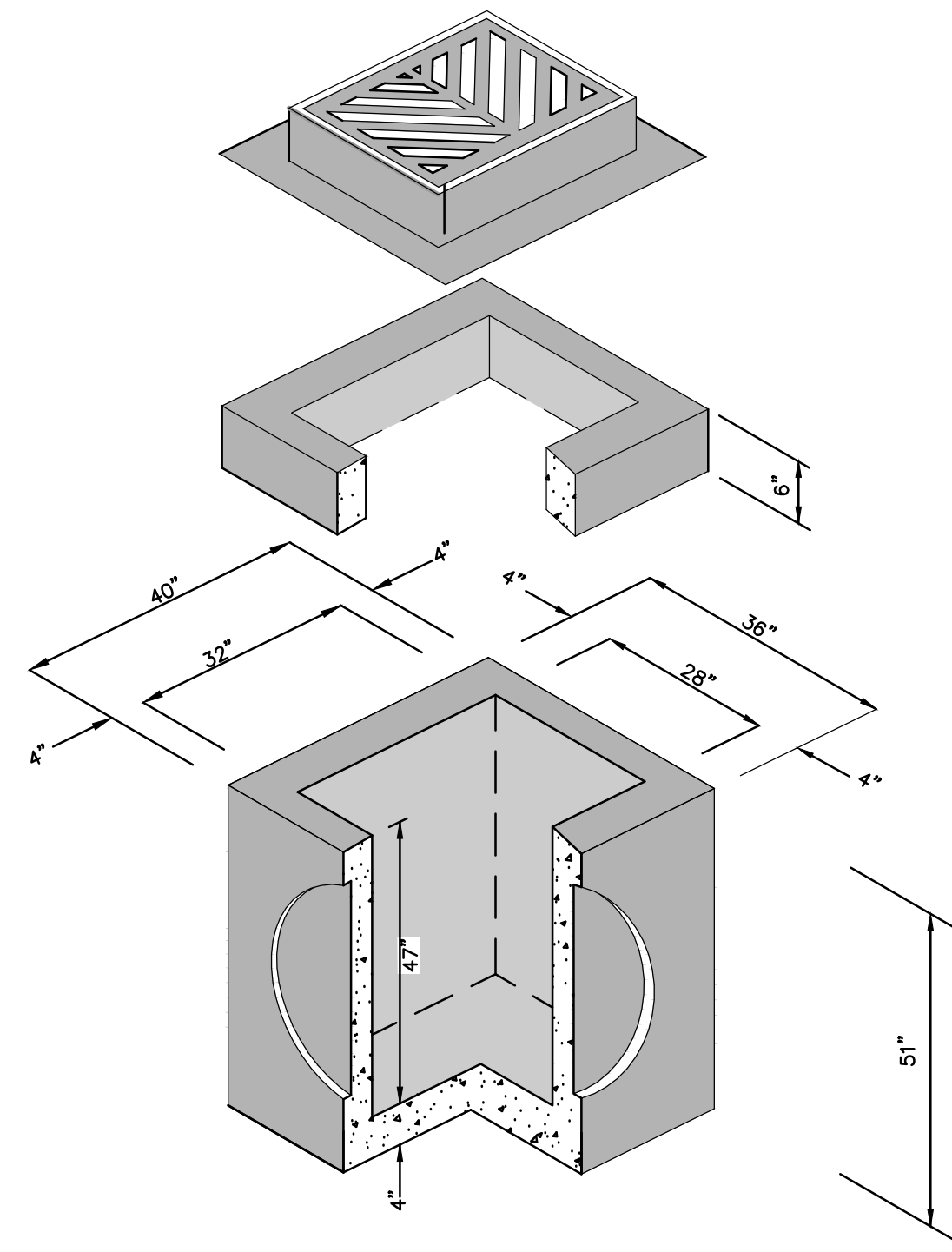
R&M
R&M ENGINEERING-KETCHIKAN, INC.
355 CARLANNA LAKE ROAD

Early Release Package



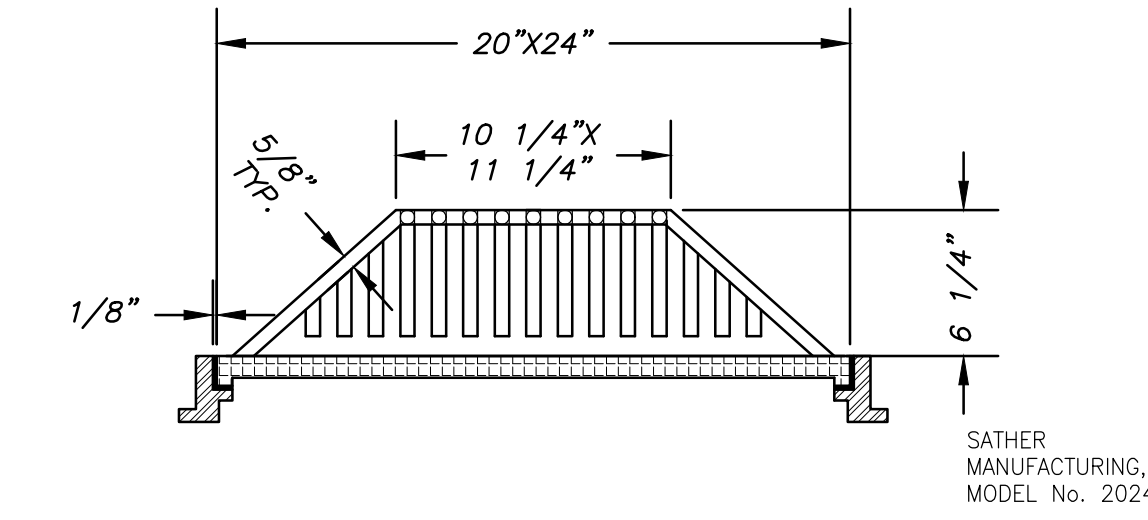
1 48" DIAMETER STORM DRAIN MANHOLE
C602 NOT TO SCALE

- MANHOLE NOTES:**
1. ALL MANHOLE SECTIONS SHALL CONFORM TO A.S.T.M. A-48 & A-438.
 2. MIN. STEEL REQUIRED FOR BARREL PER ASTM C-76 SHALL BE INBEDDED IN BASE SO THAT FIRST BARREL SECTION IS CONNECTED WITH BASE.
 3. NO REBAR TO EXTEND INTO PIPE OPENINGS.
 4. PIPE CONNECTIONS SHALL BE SEALED WITH "JET SET", "ALL CRETE" OR EQUAL TYPE MORTAR. REFER TO PIPING MANUFACTURERS RECOMMENDATIONS FOR CONNECTIONS AT MANHOLE.
 5. MANHOLES SHALL HAVE WATERTIGHT FRAMES AND COVERS. OLYMPIC FOUNDRY #R-1733-M
 6. COMPACT MATERIAL BELOW MANHOLE TO 95% MAXIMUM DRY DENSITY.
 7. REDUCING SLAB FOR SHALLOW MANHOLES 4' OR LESS IN HEIGHT. SEE DETAIL SEWER SHEET.

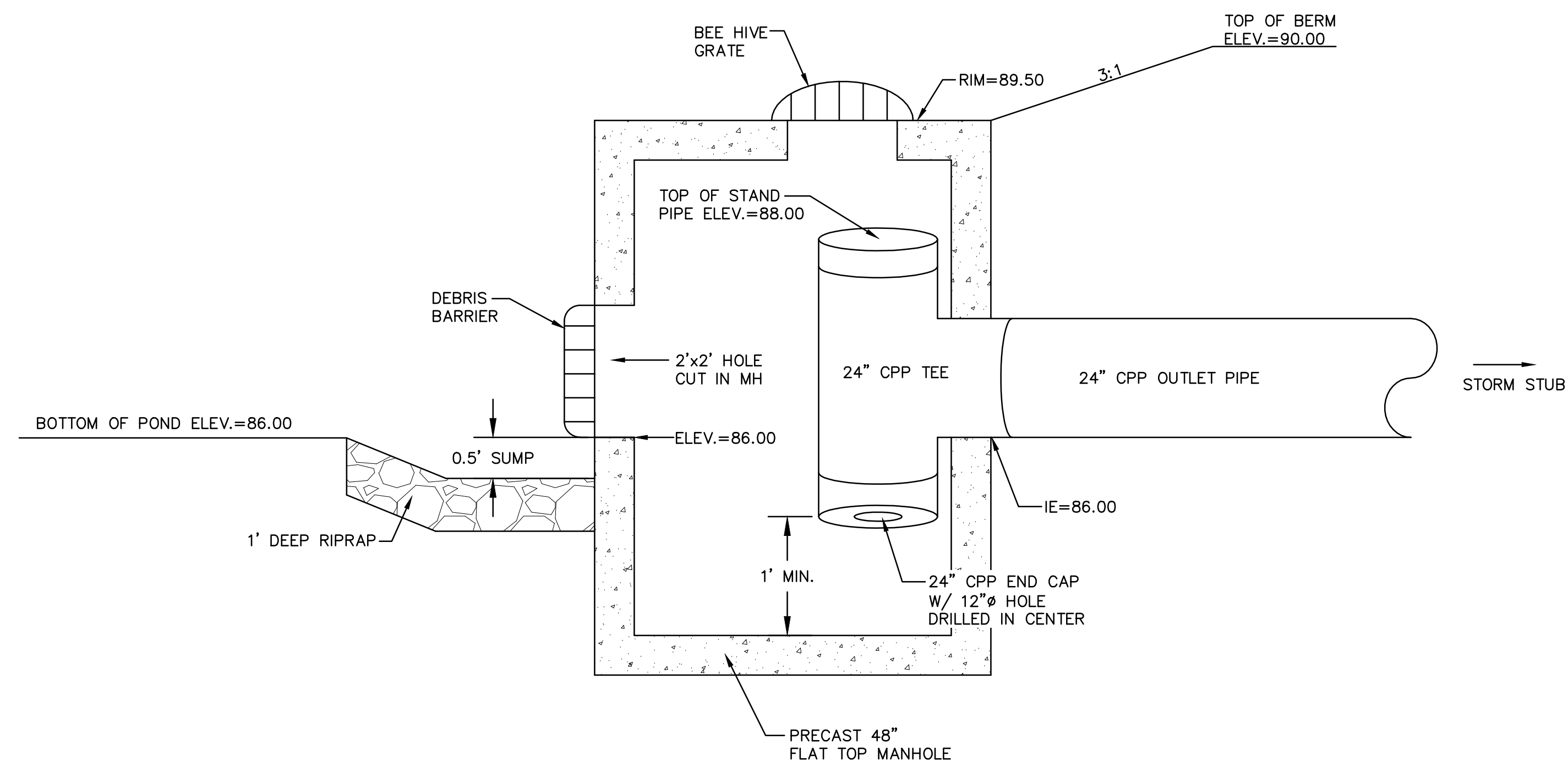


- NOTES:**
- 1) CATCH BASINS SCHEDULED TO HAVE FIELD INLETS SHALL HAVE OLYMPIC FOUNDRY 18"x22"x4" REVERSIBLE, PART NO. SM60 OR EQUAL.
 - 2) CATCH BASINS SCHEDULED TO HAVE CURB INLETS SHALL HAVE NEENAH FOUNDRY TYPE R-3501-N INLET FOR ROLL TYPE CURB OR EQUAL.

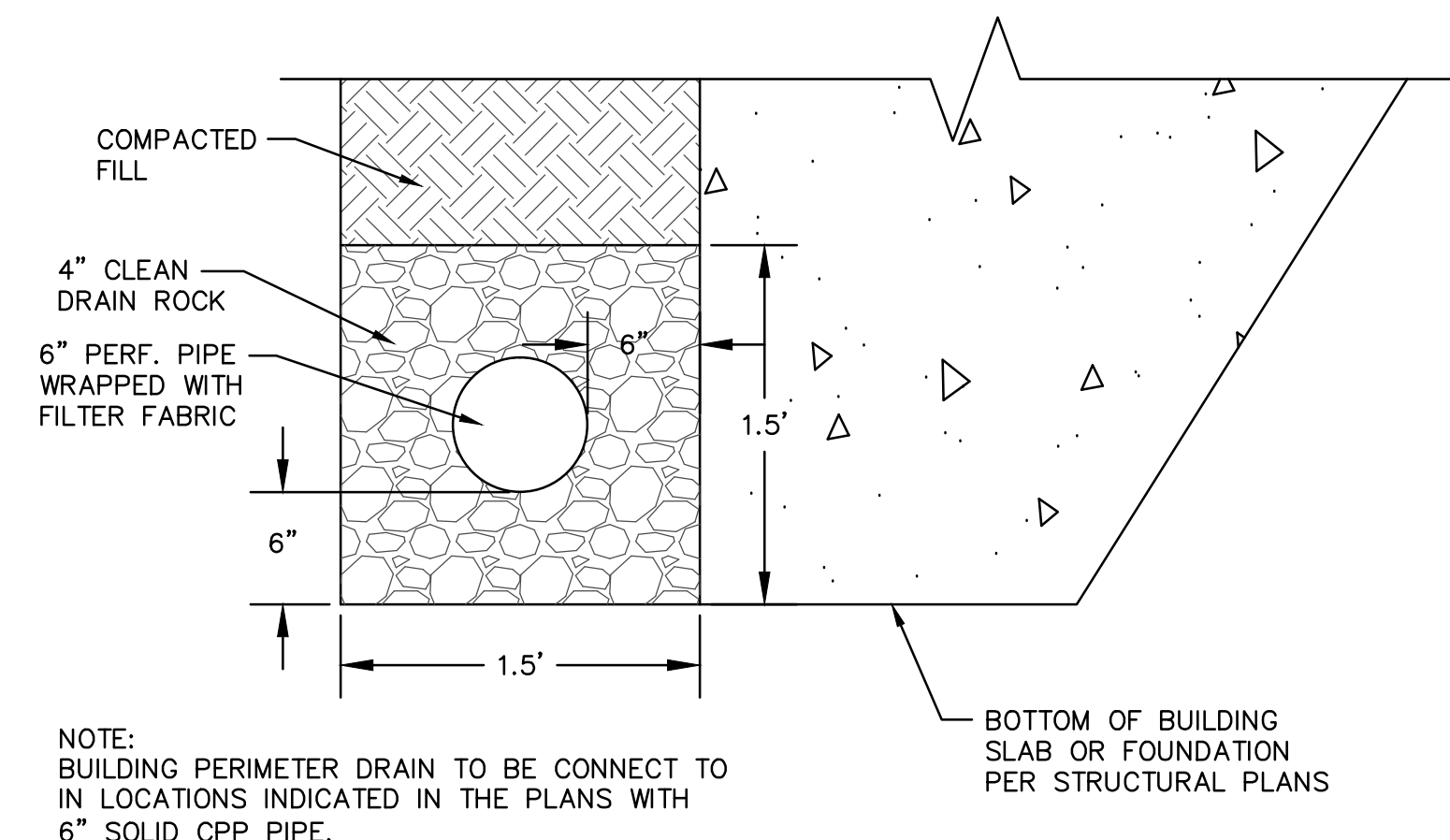
2 TYPE IV CATCH BASIN
C602 NOT TO SCALE



3 SQUARE BEEHIVE CATCH BASIN
C602 NOT TO SCALE



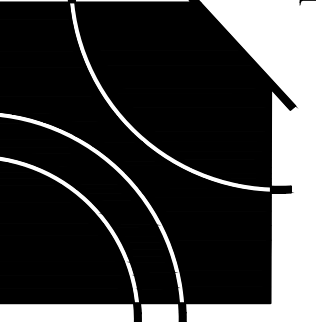
4 OUTLET CONTROL STRUCTURE
C602 NOT TO SCALE



5 PERIMETER DRAIN DETAIL
C602 NOT TO SCALE

NOTE: BUILDING PERIMETER DRAIN TO BE CONNECT TO IN LOCATIONS INDICATED IN THE PLANS WITH 6" SOLID CPP PIPE.

DEJA



David E. Johnson
Architect

A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska

AHFDI AMERICAN HEALTH FACILITY DEVELOPMENT

REVISION #1 - 4/12/11:
REVISED PER CONTRACTOR
AND TEAM REVIEW

PROJECT NUMBER
10528.00
DATE
March 21, 2012

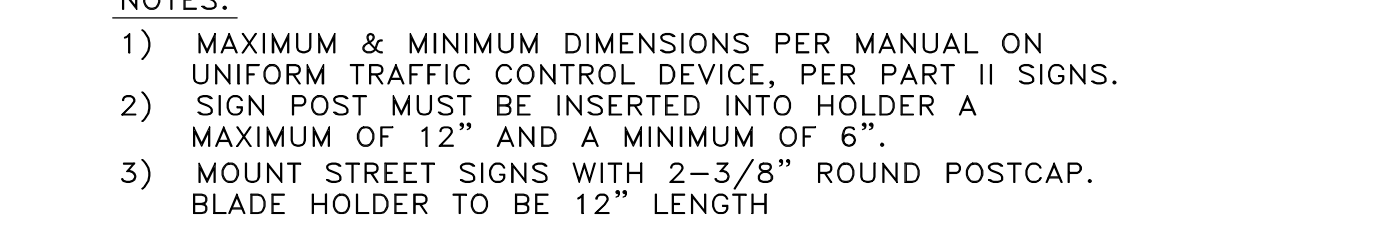
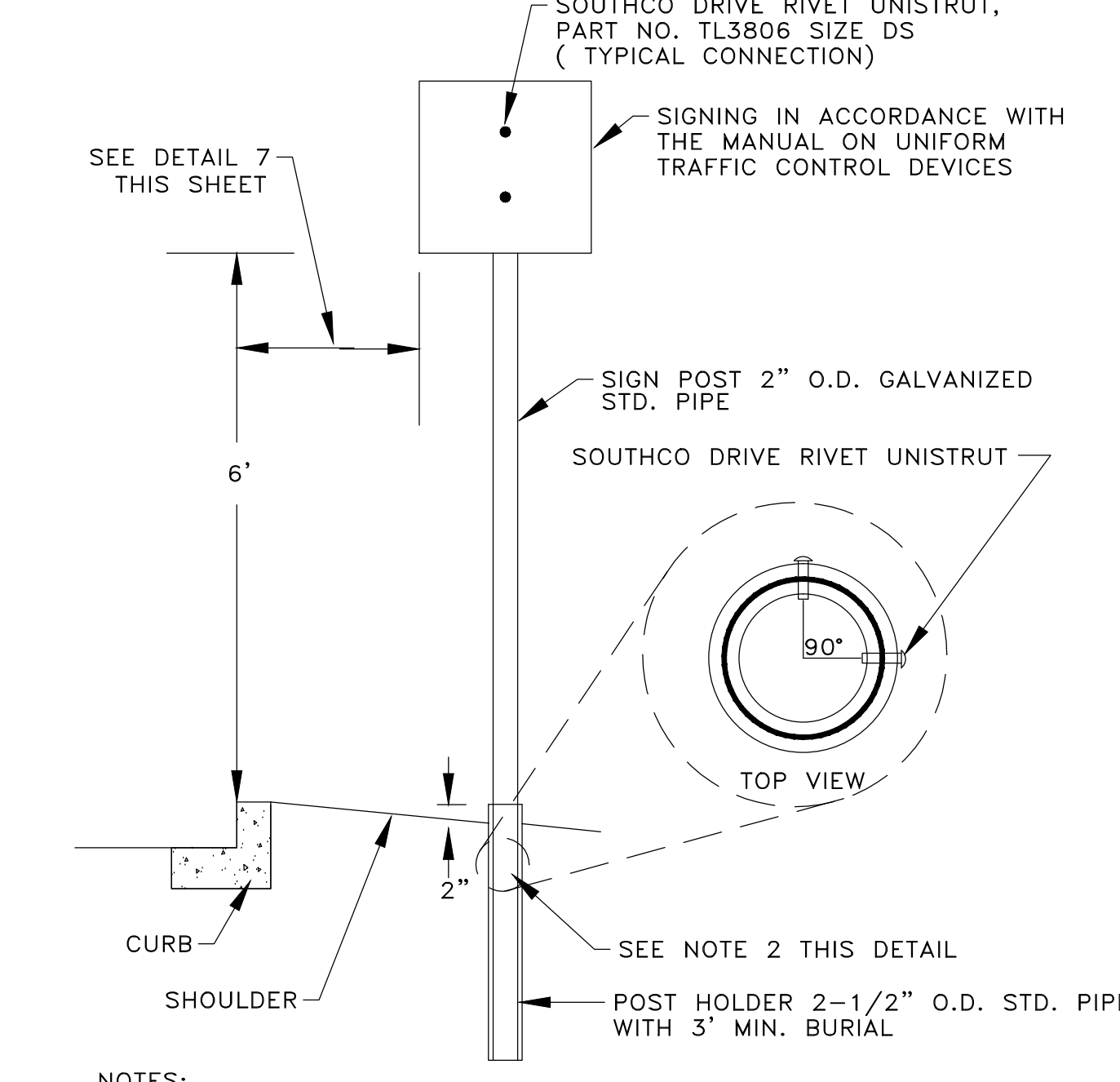
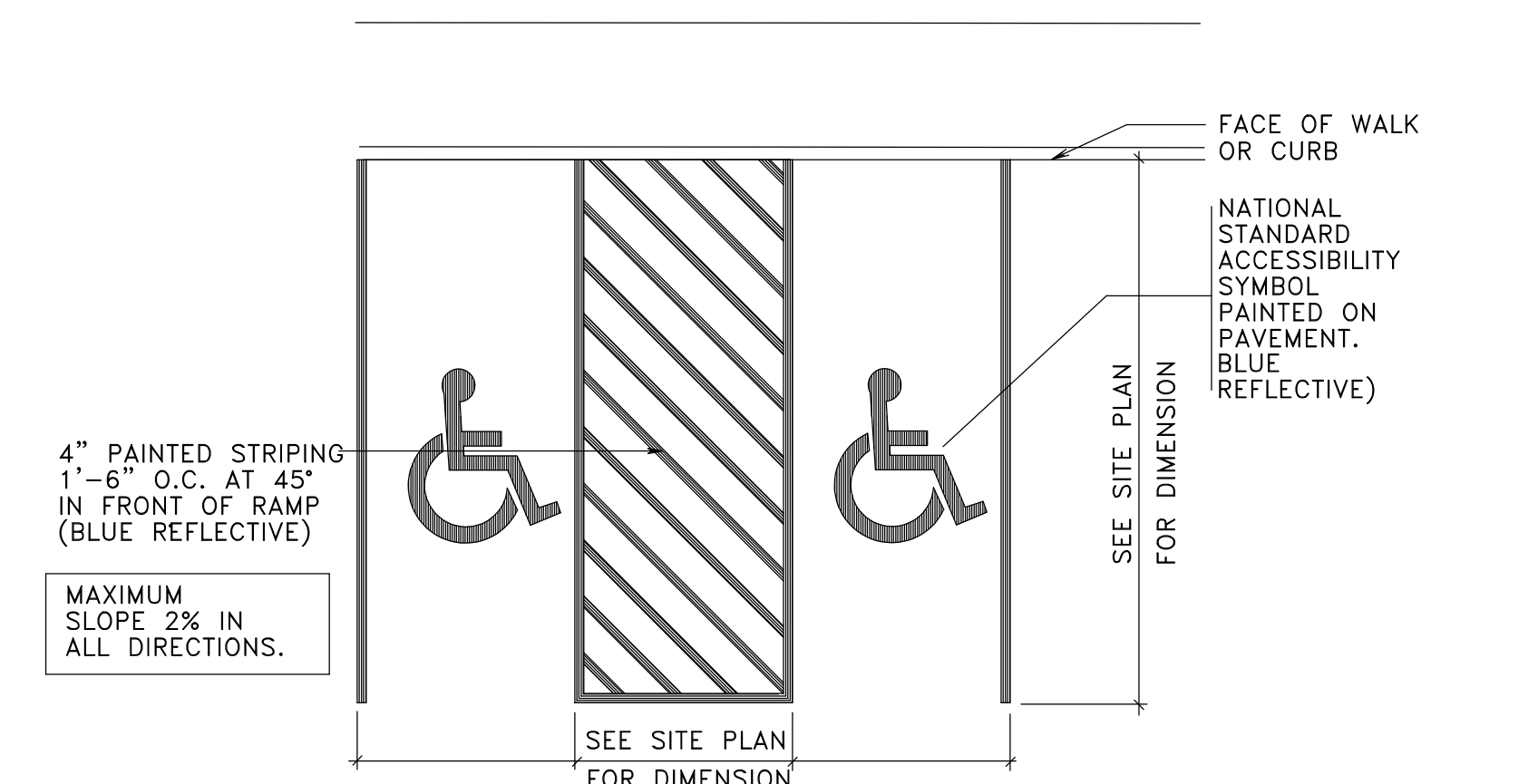
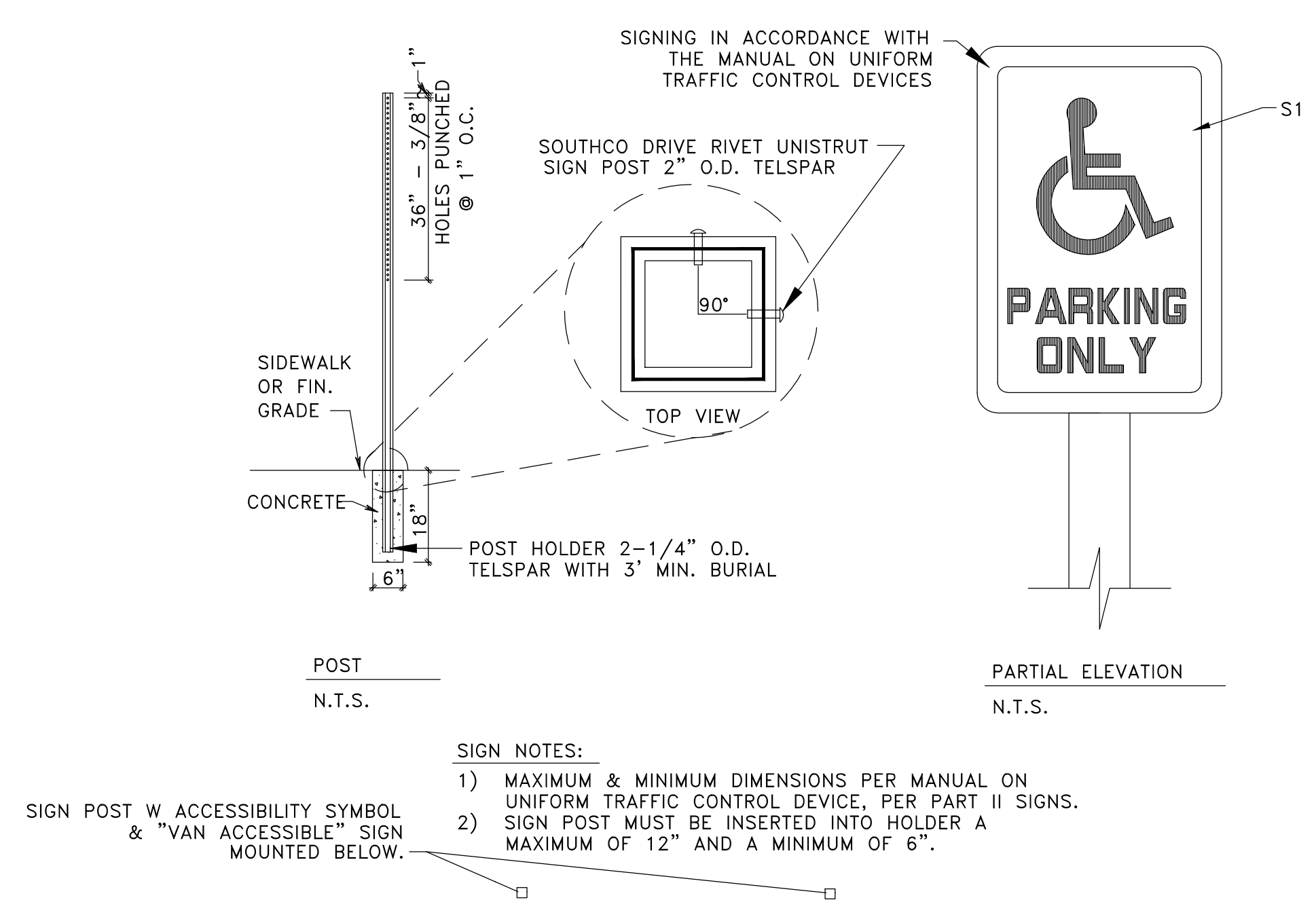


C602

STORM DETAILS

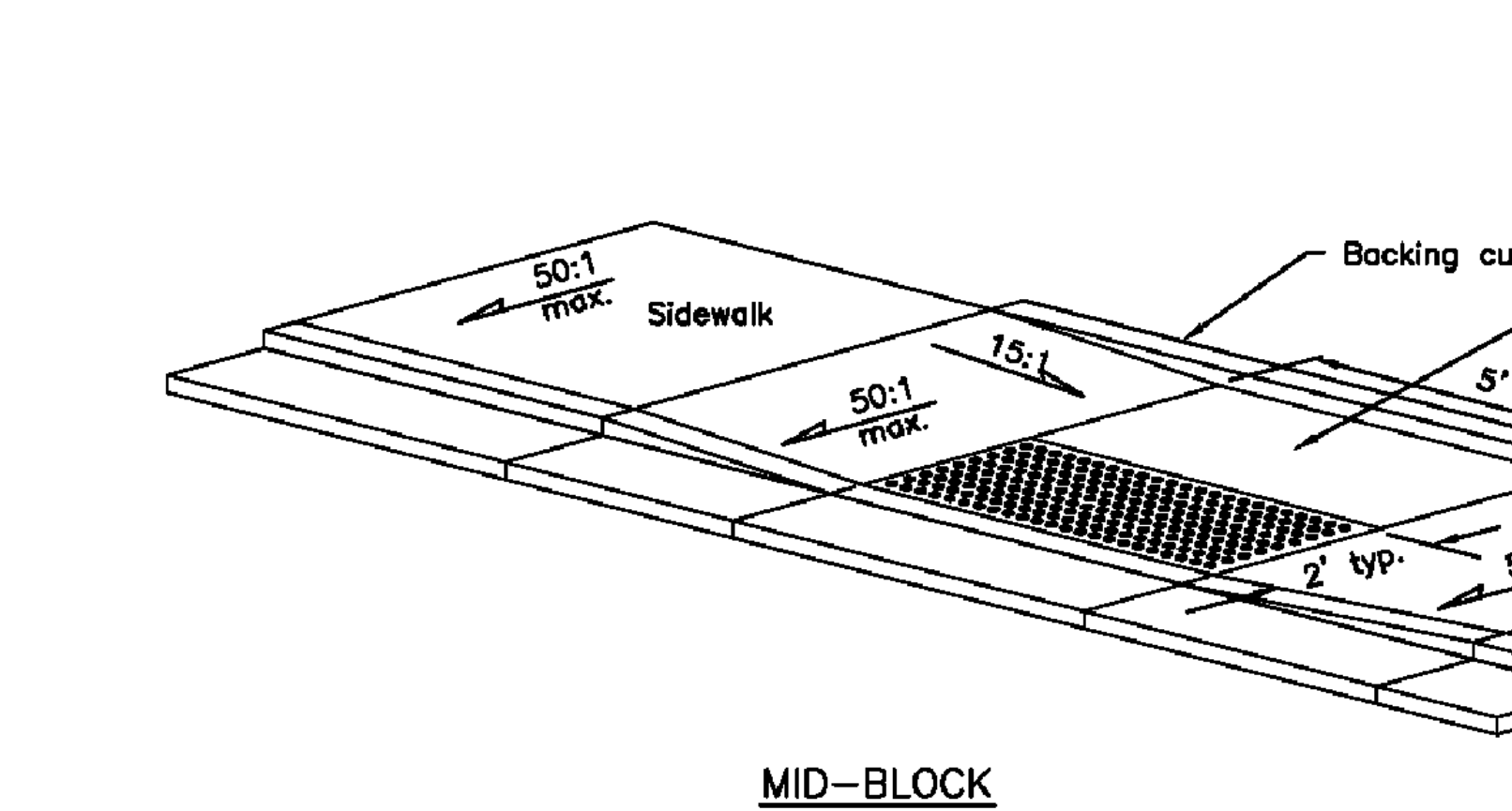
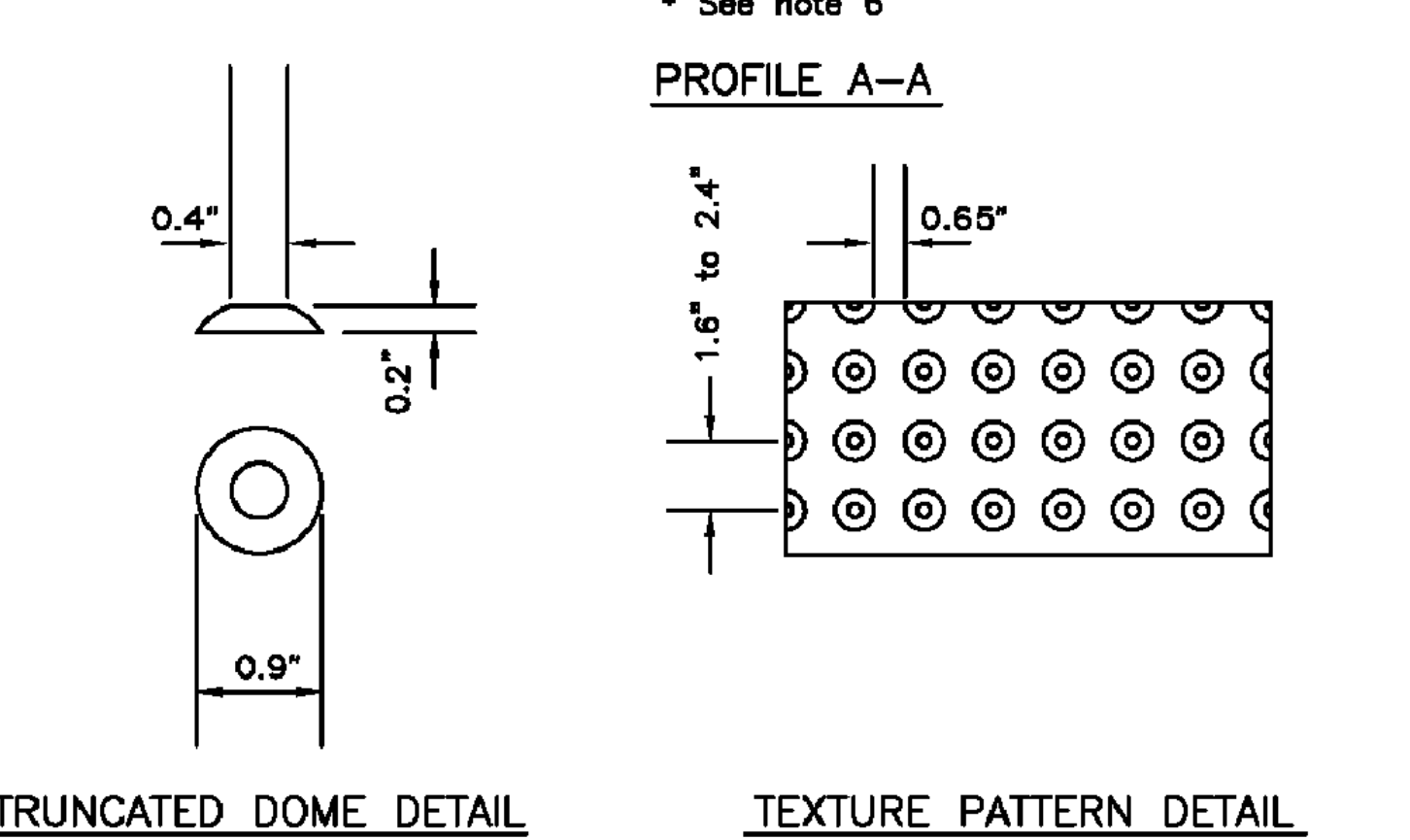
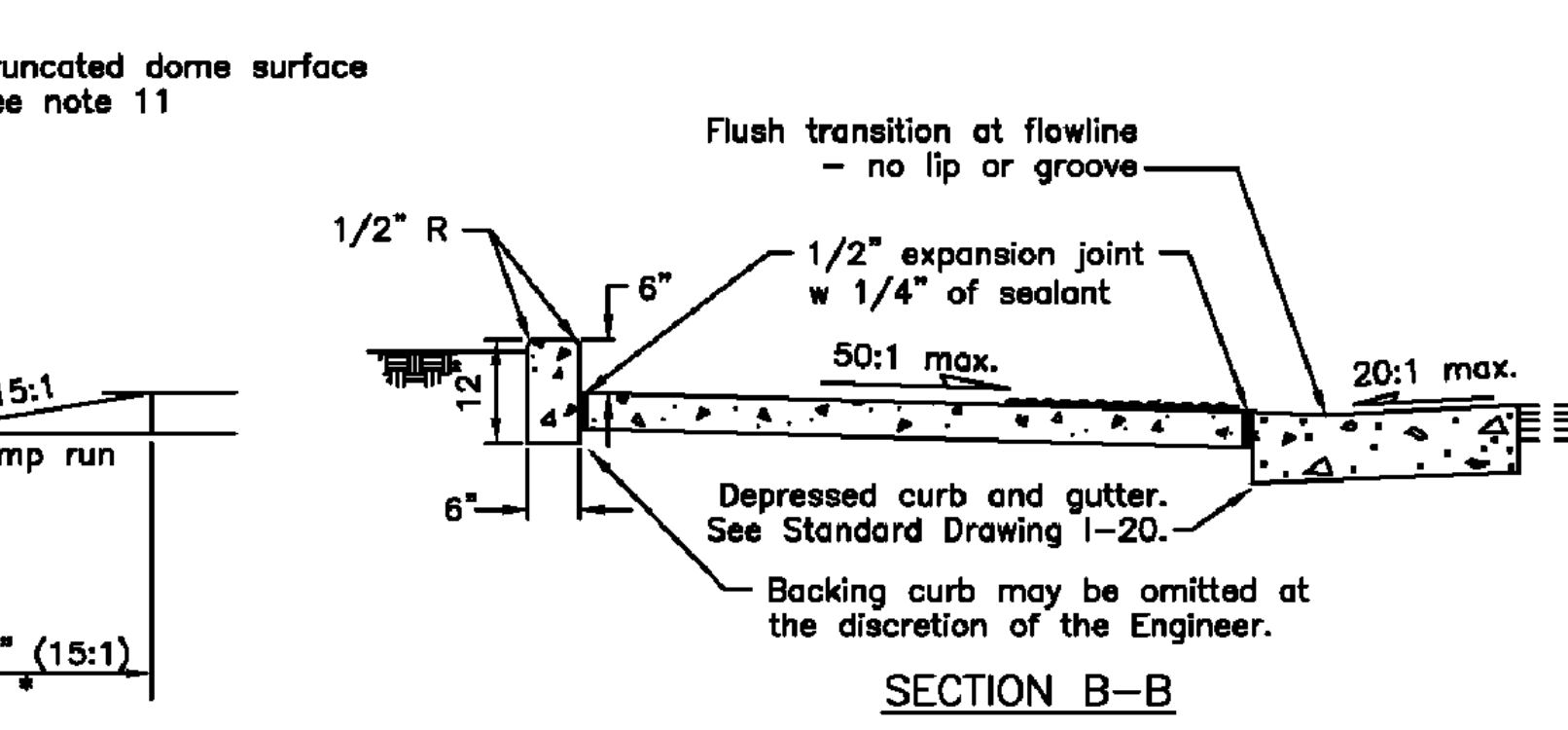
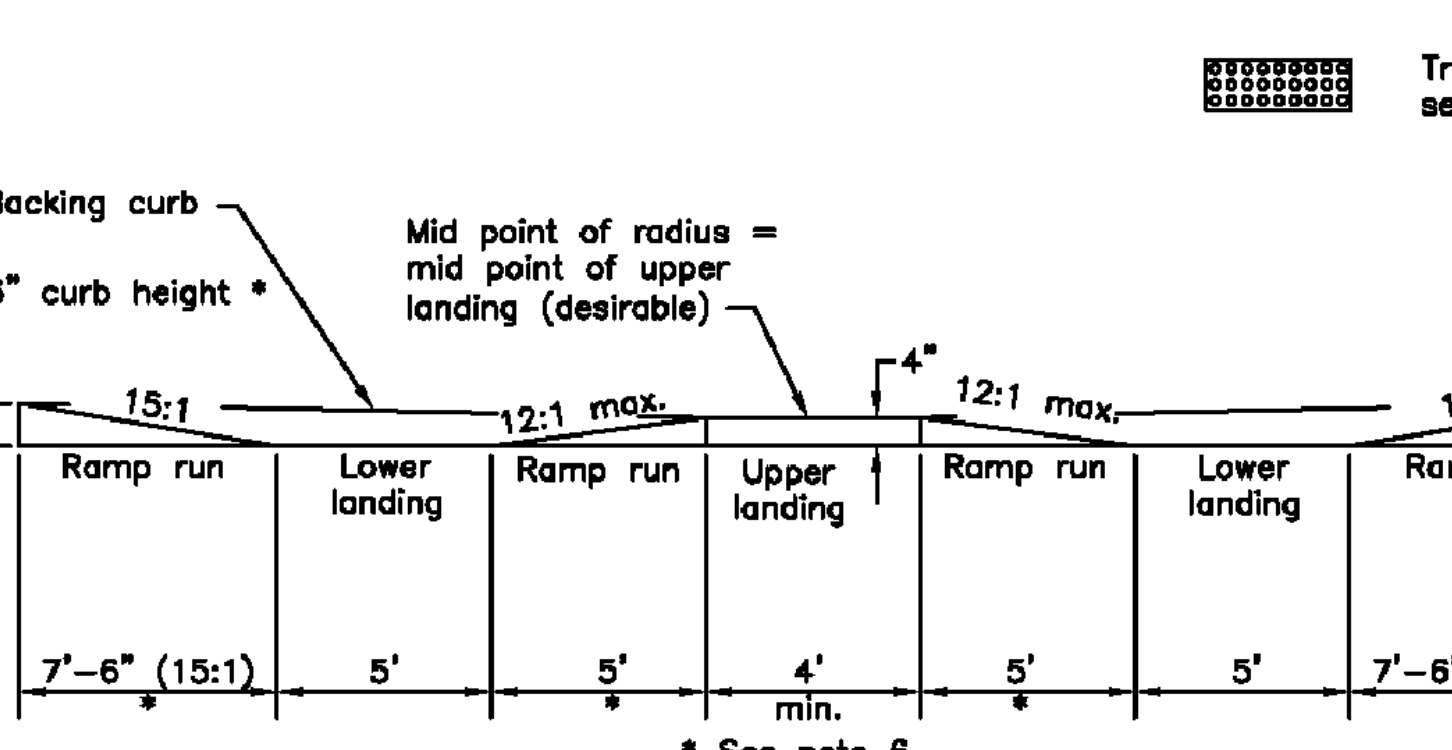
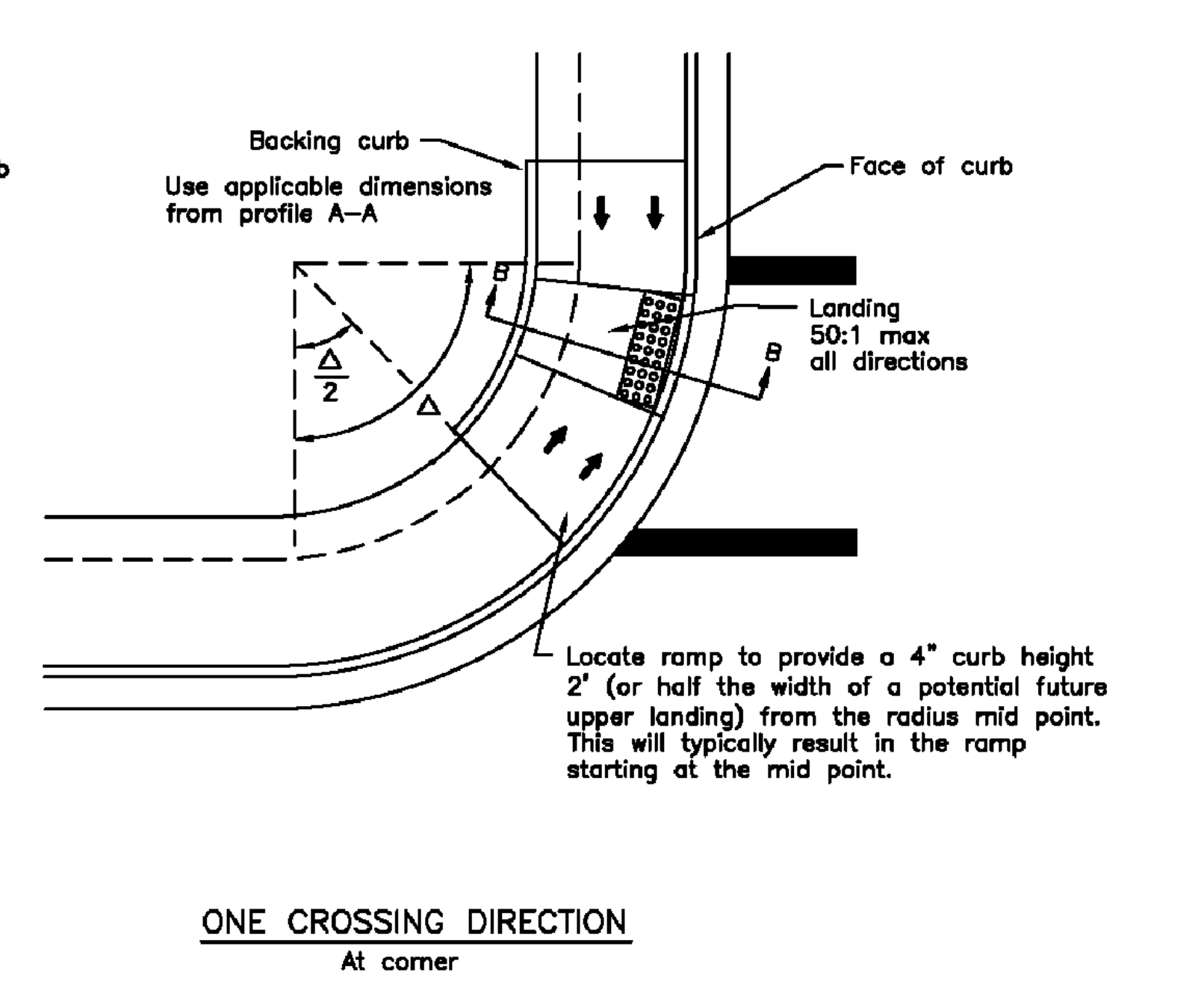
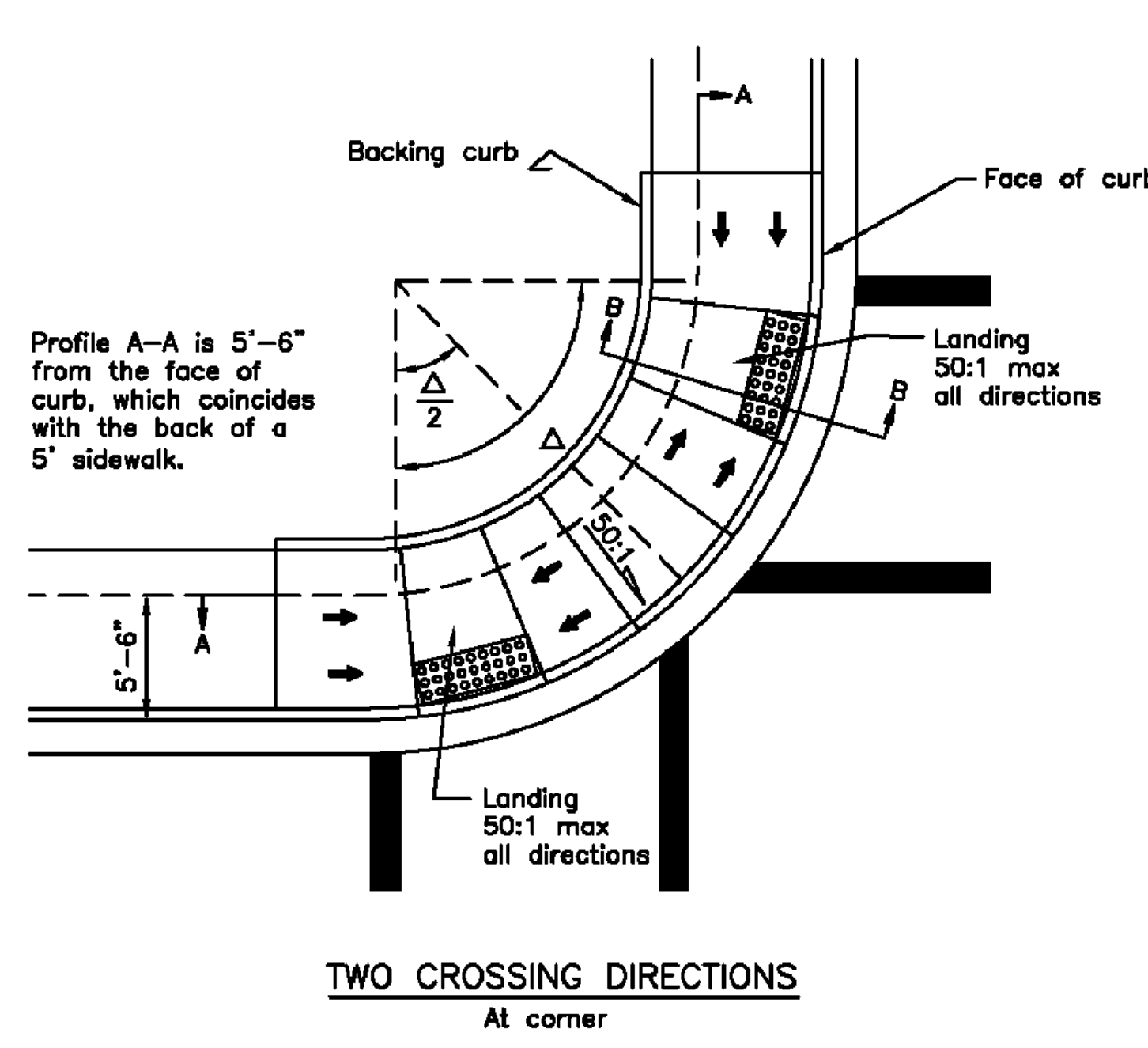
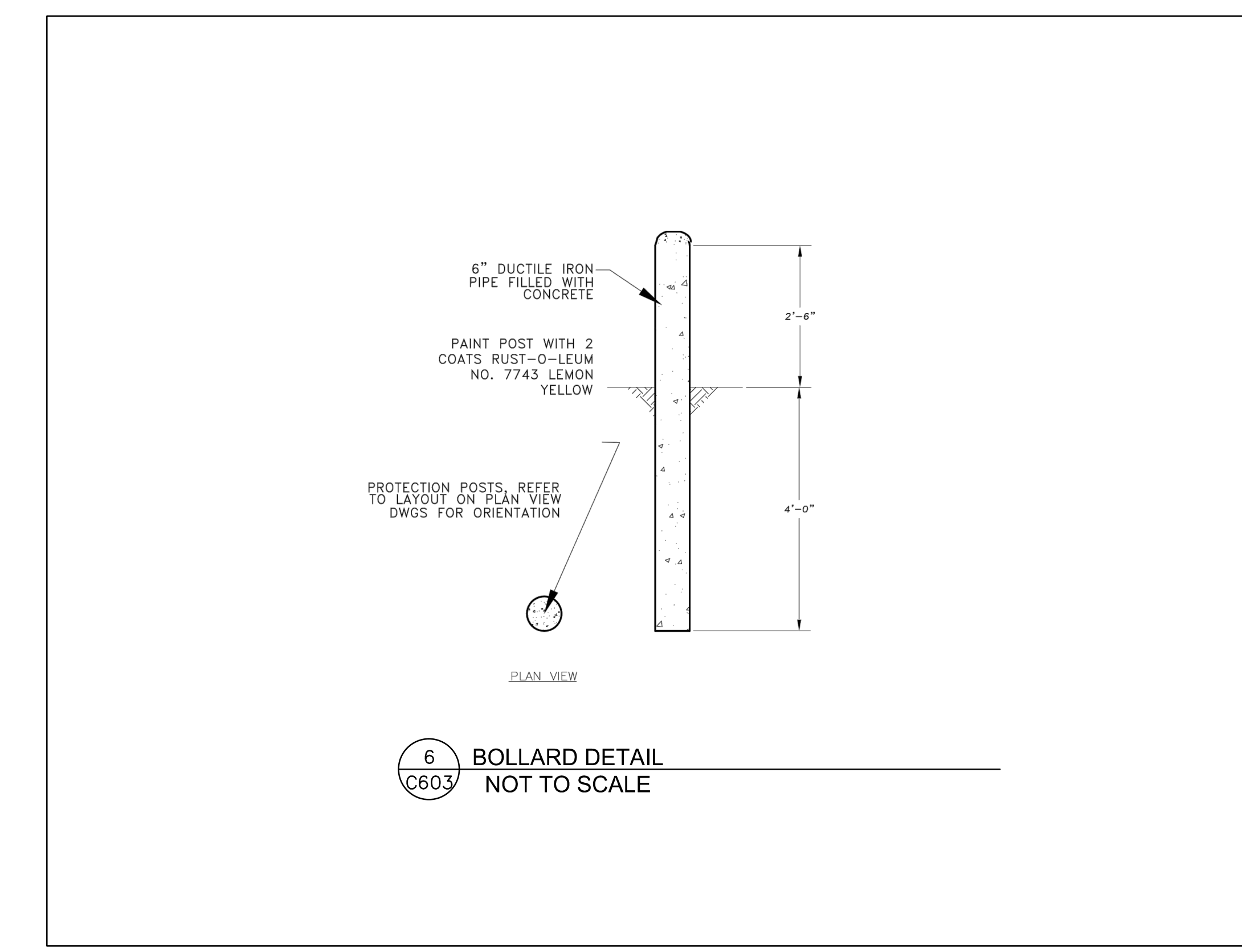
R&M
R&M ENGINEERING-KETCHIKAN, INC.
355 CARLANNA LAKE ROAD

Early Release Package

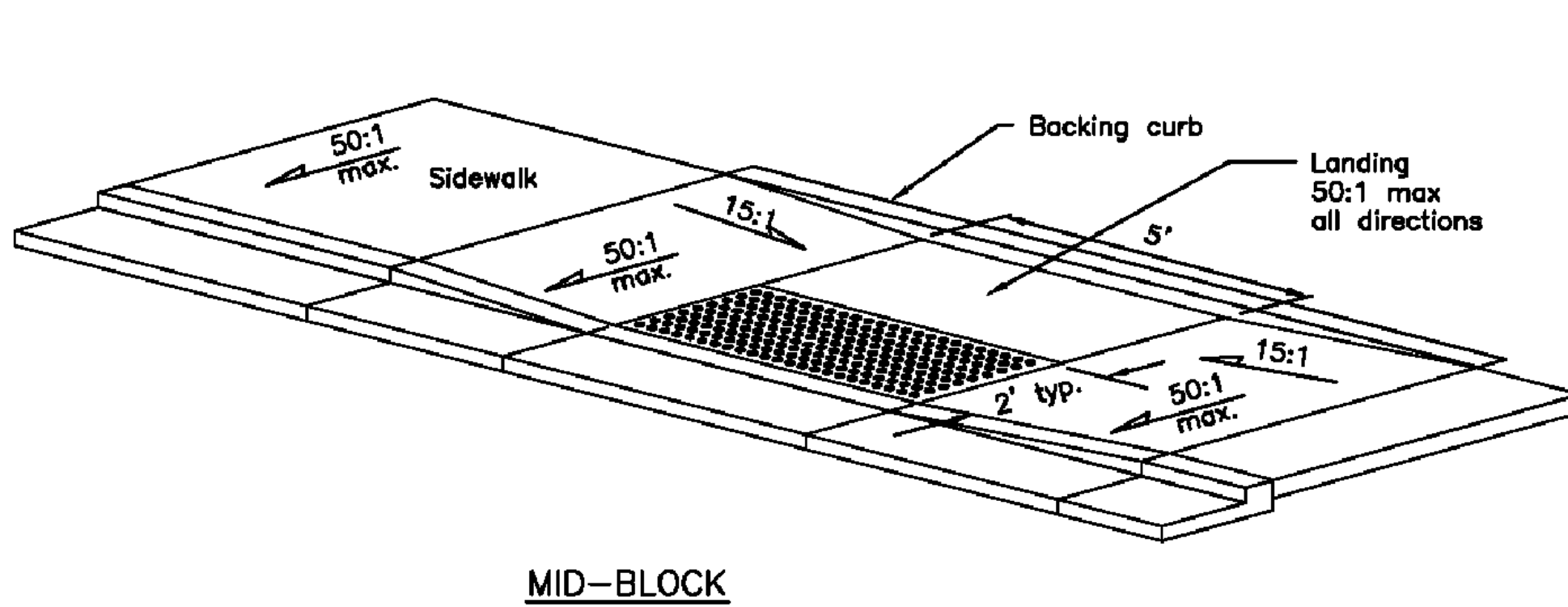
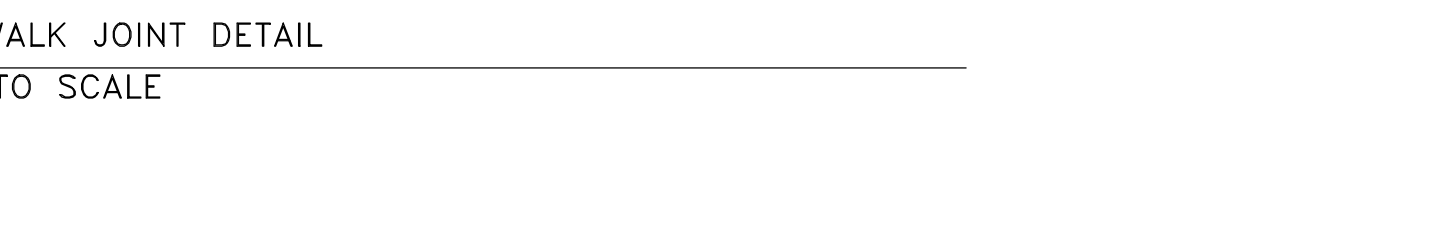
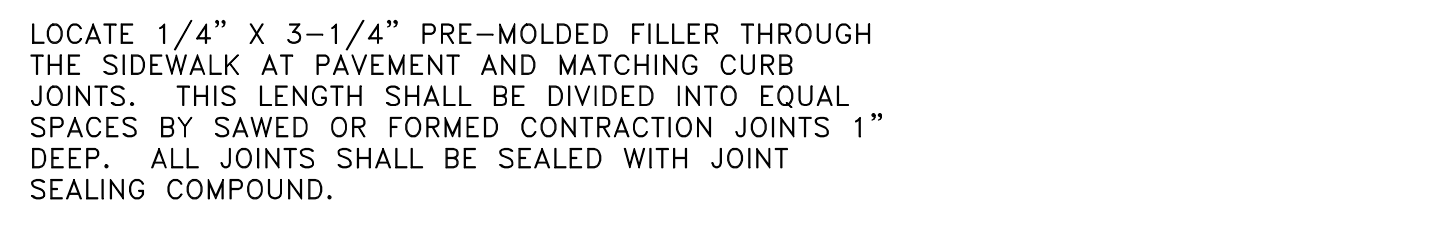
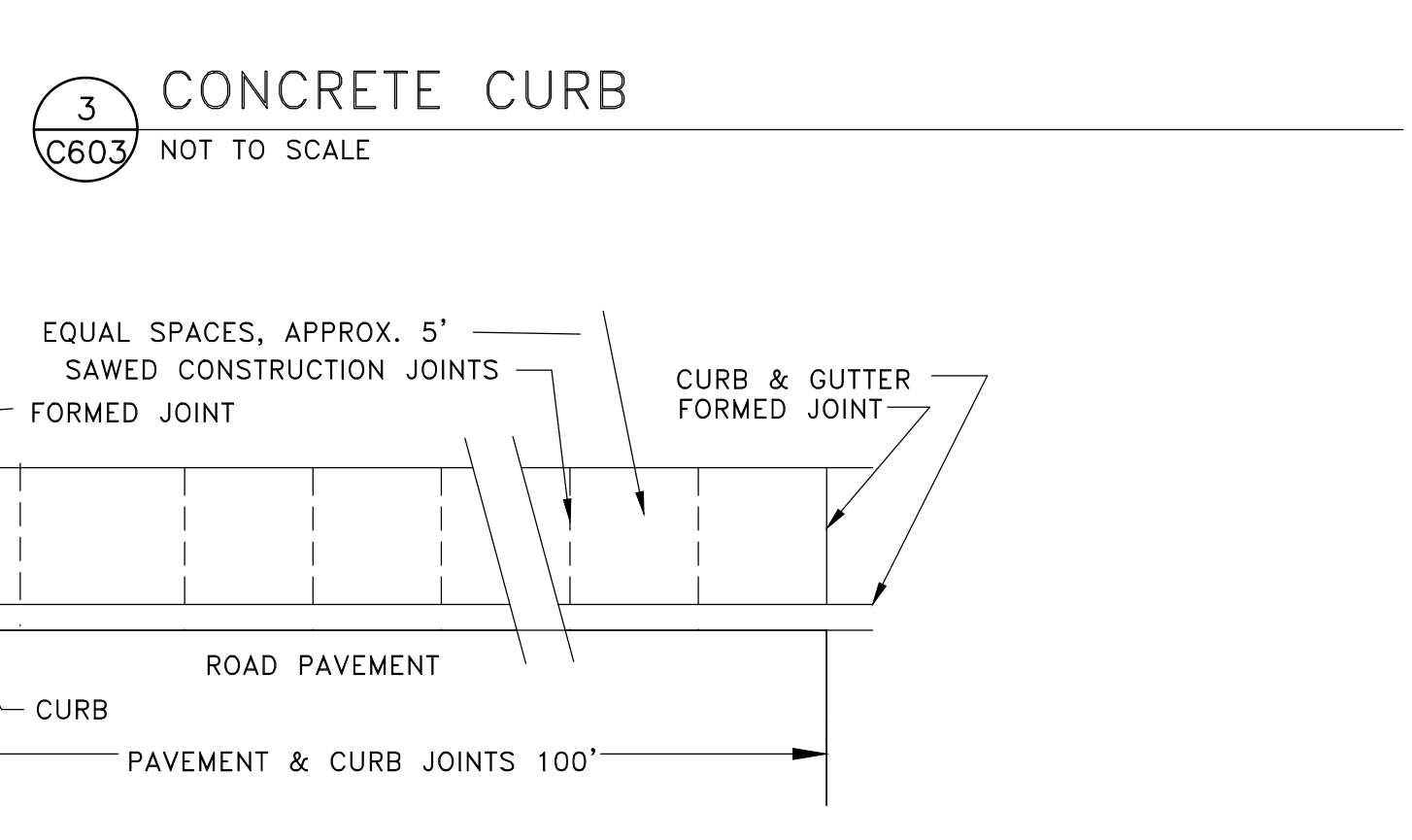


SIGN SCHEDULE

SIGN No.	DESCRIPTION
S1	R7-BRL RESERVED PARKING
S2	R7-B RESERVED PARKING "VAN ACCESSIBLE"



- GENERAL NOTES**
- Parallel curb ramps are typically used when the sidewalk is not wide enough for perpendicular ramps.
 - A single central curb ramp (not shown) should be used only when installing two ramps is not feasible. When used, slopes and dimensions should correspond with those shown on the mid-block detail.
 - See plans for ramp type at particular locations.
 - Construct ramp runs and landings of concrete, regardless of whether the sidewalk is asphalt or concrete.
 - Locate lower landings within the inner edges of marked crosswalks or, if crosswalks are not marked, within the area a standard marked crosswalk would enclose.
 - Ramp run lengths shown pertain to 6" curb heights and no longitudinal sidewalk slope. For other heights and slopes, increase or decrease run lengths to maintain the slopes shown. In cases where sidewalk slope makes it necessary to lengthen a ramp run to avoid exceeding the allowable slope, it should not be made longer than 15 feet for a 6" curb height or, in general, 30 times the curb height. The slope resulting from that run length is acceptable, even if it exceeds the maximum slope shown.
 - If conditions require, the Engineer may increase the 15:1 slopes to 12:1 maximum.
 - The 12:1 and 50:1 slopes shown are the steepest slopes allowed by law (except as provided under note 6).
 - Concrete shall receive a coarse broomed finish running perpendicular to the curb on ramp runs and upper landings and parallel to the curb on lower landings.
 - Drainage inlets should not be located within marked crosswalks or, if crosswalks aren't marked, within the area a standard marked crosswalk would enclose. If that is unavoidable, accessible grates, with openings no greater than 1/2" in any direction, shall be used.
 - Install 24" wide strips of safety yellow cast-in-place composite detectable warning tiles with truncated dome detectable warning texture on the street side edge of lower landings as shown. Domes shall be in a square pattern. Align truncated dome pattern in the predominant direction of wheelchair travel to permit wheels to roll between the domes.

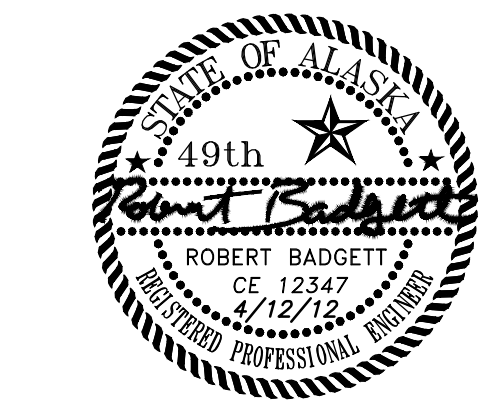


DEJA
A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska

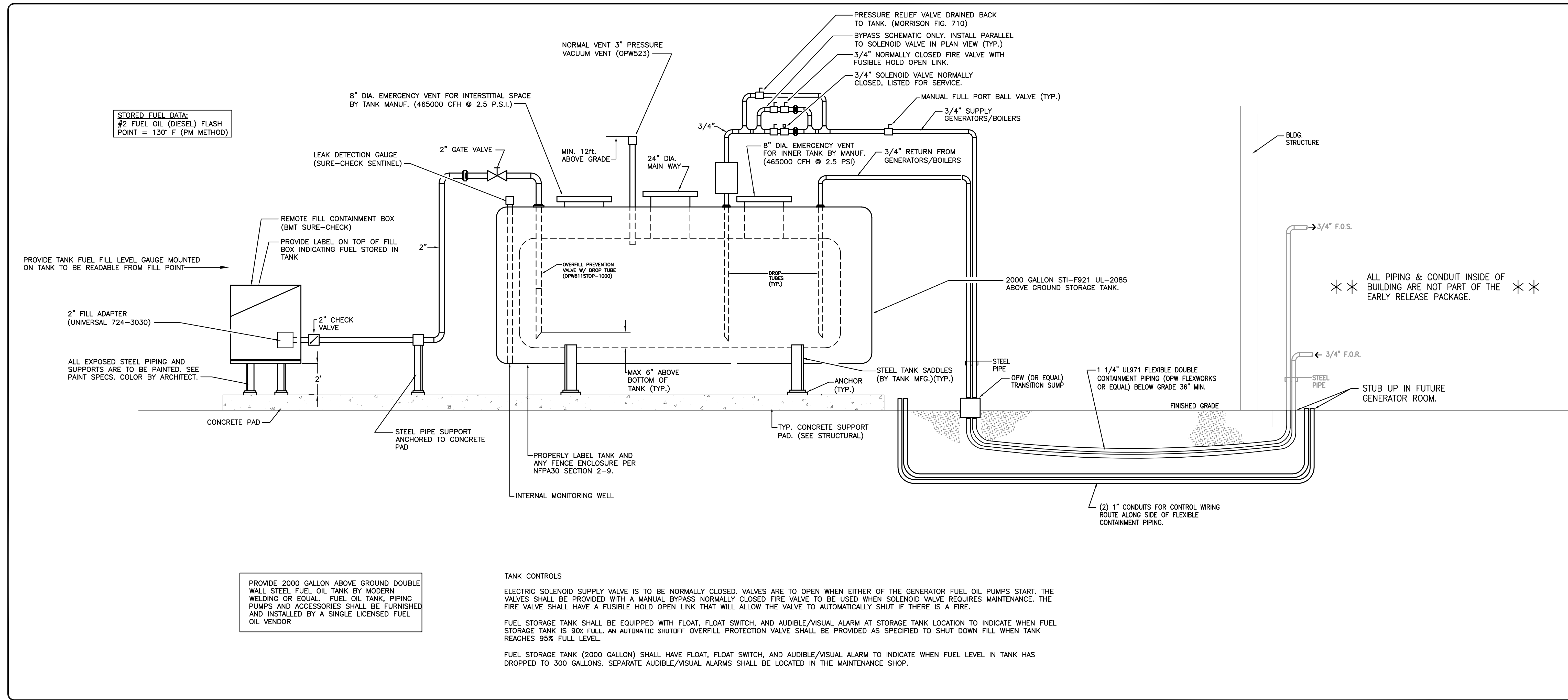
AHFEDI AMERICAN HEALTH FACILITY DEVELOPMENT
REVISION #1 - 4/12/12
REVISED PER CONTRACT AND TEAM REVIEW

PROJECT NUMBER
10528.00
DATE
March 21, 2012
C603
STREET DETAILS

R&M ENGINEERING-KETCHIKAN, INC.
355 CARLANNA LAKE ROAD



Early Release Package

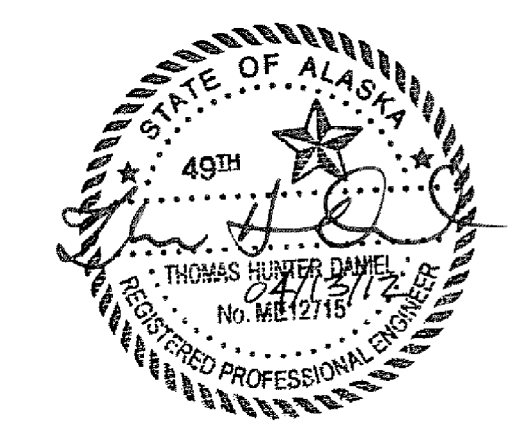


ABOVE GROUND FUEL STORAGE TANK SCHEMATIC

NOT TO SCALE

FAN SCHEDULE	
ACCESSORIES:	1 - OUTLET SCREEN 2 - ROOF CURB 3 - BACKDRAFT DAMPER 4 - INTEGRAL DISCONNECT SWITCH
	5 - ROOF JACK 6 - BIRDSCREEN 7 - FAN SPEED CONTROLLER 8 - WALL HOUSING
DESIGNATION	EF-13-19
MANUFACTURER	GREENHECK
MODEL NO.	CSP-A290
SERVICE	CRAWLSPACE
TYPE	INLINE
CFM	225
S.P. (IN. H ₂ O)	0.5
MAX. FAN RPM	1038
MIN. MOTOR H.P.	80W
V/Hz	120/1/60
WEIGHT (LBS.)	20
INTERLOCK W/	CONTINUOUS
ACCESSORIES	4,6,7
REMARKS:	DISCONNECTS AND STARTERS BY ELECTRICAL DIVISION

AHFD AMERICAN HEALTH FACILITIES DEVELOPMENT

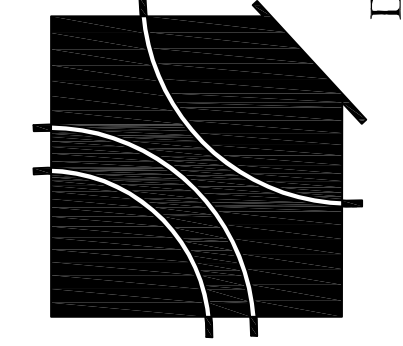


REVISION #1 04-13-12

PROJECT NUMBER
10528.00
DATE
March 21, 2012

M0.1
HVAC SCHEDULES & DETAILS

DEJA

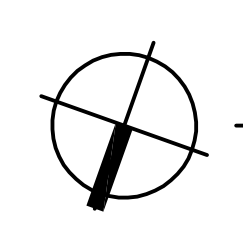
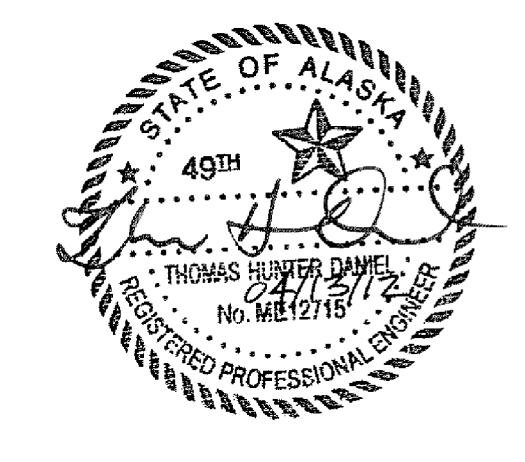
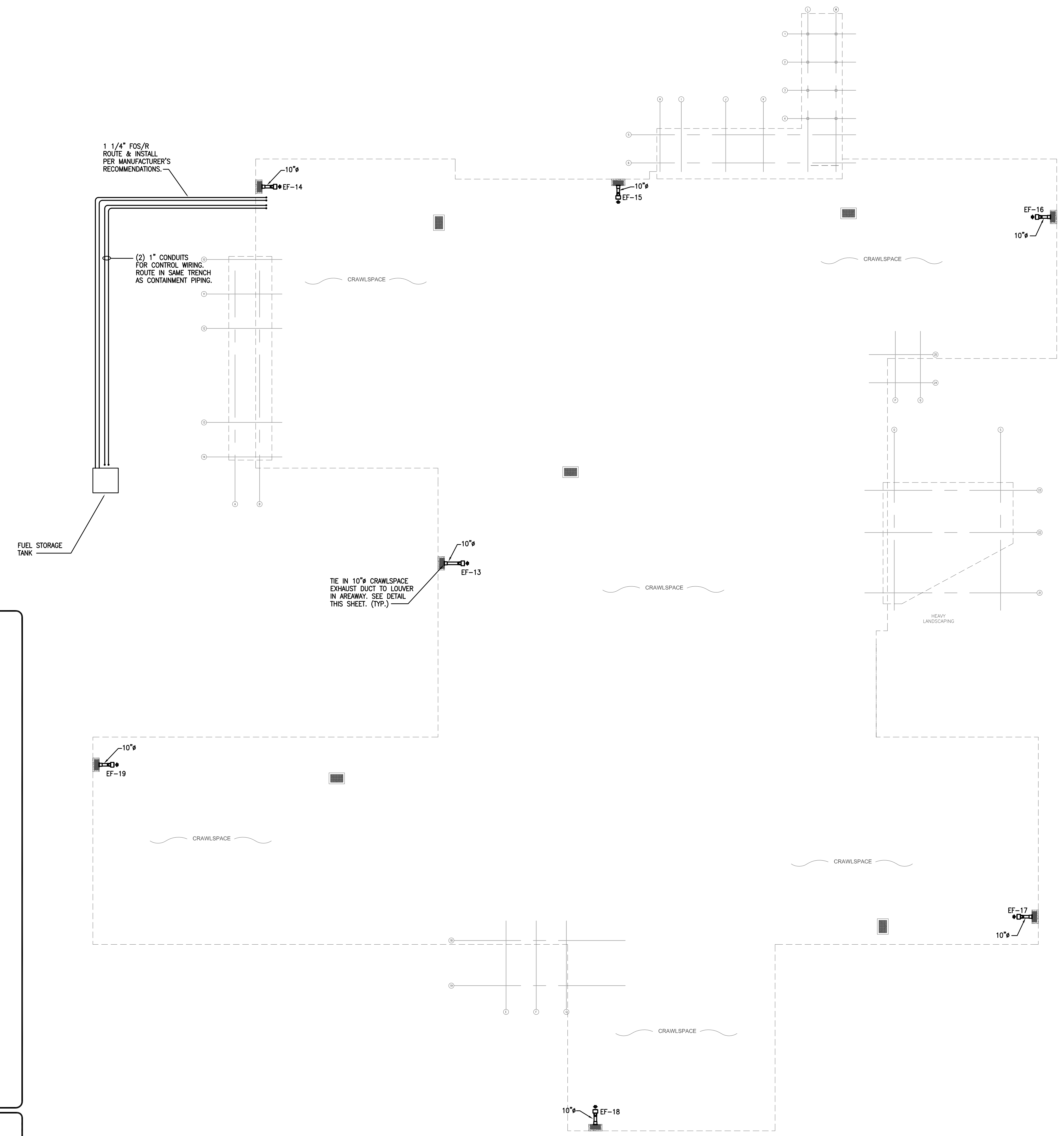
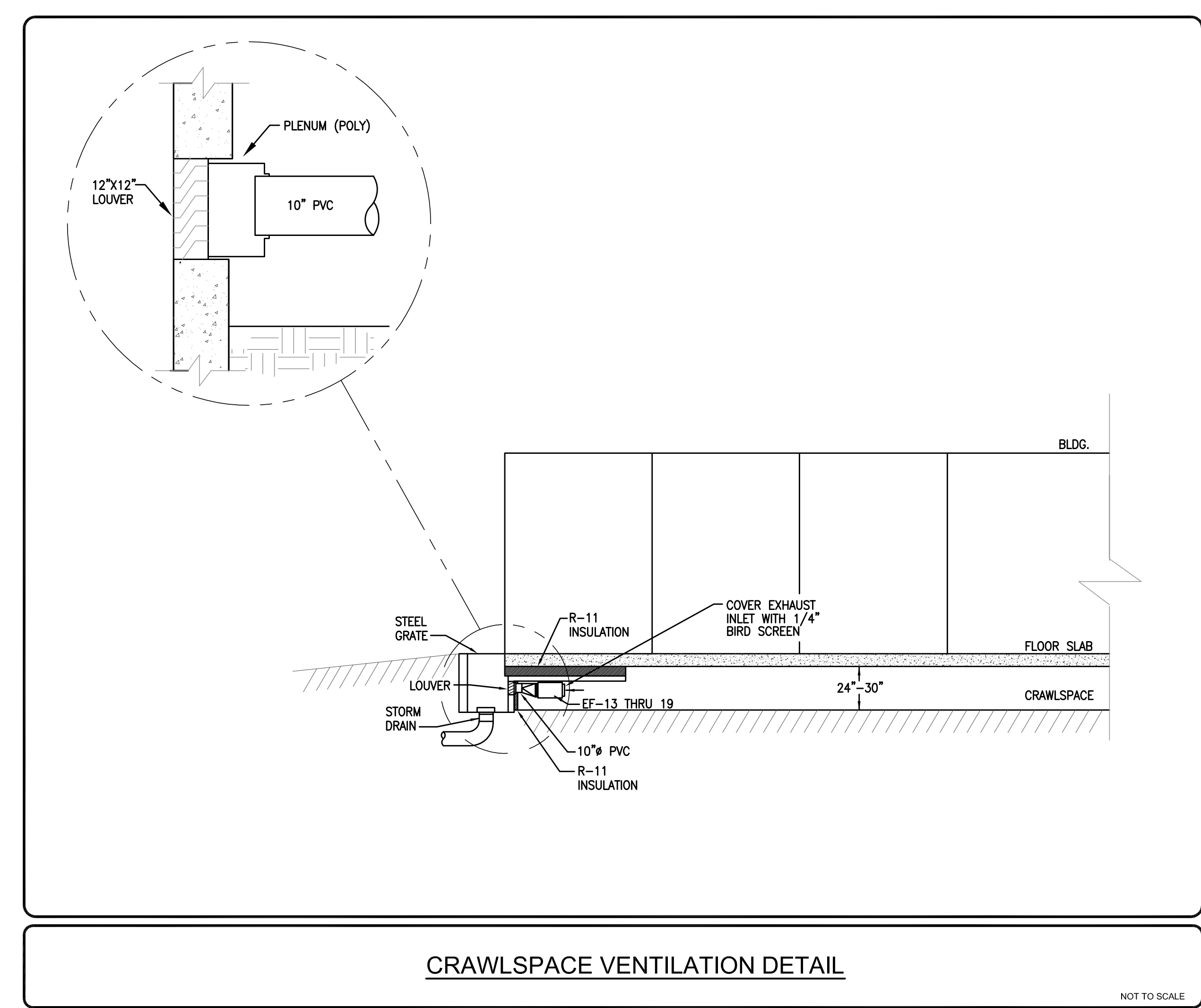
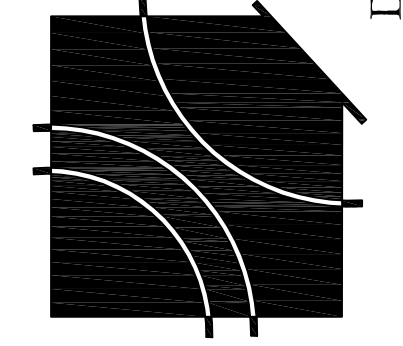


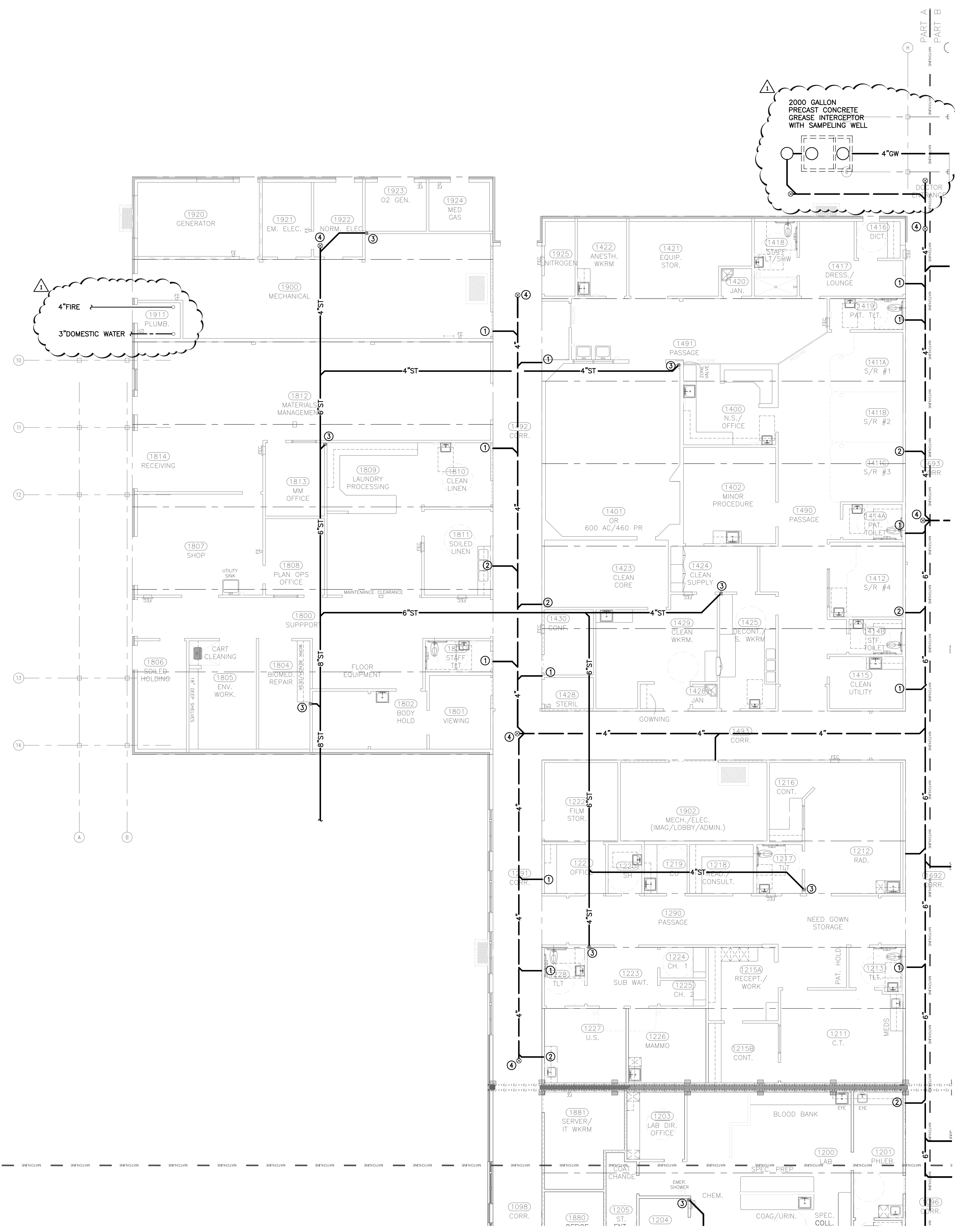
A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska

David E. Johnson
Architect

4551 Transmute Drive
Nashville, TN 37204

615.837.0656
615.837.0657





- ### PLAN KEY NOTES
- 4\"/>
 - 3\"/>
 - 4\"/>
 - PROVIDE GRADE CLEANOUT

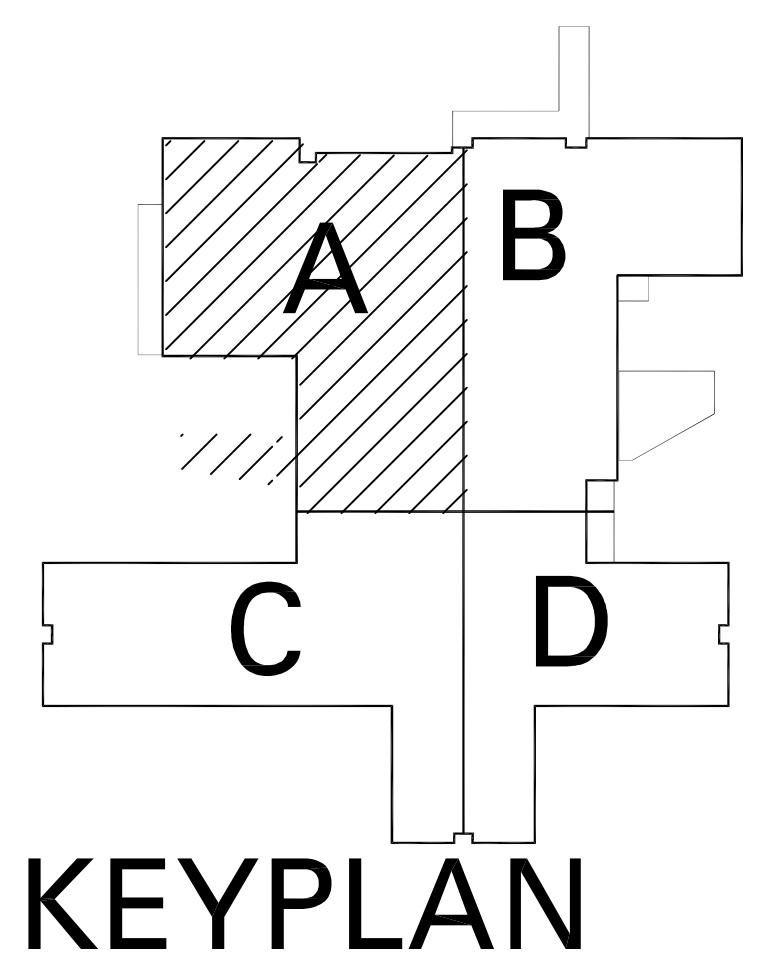
GENERAL NOTES

A. CONTRACTOR SHALL COORDINATE WORK WITH THAT OF OTHER TRADES.

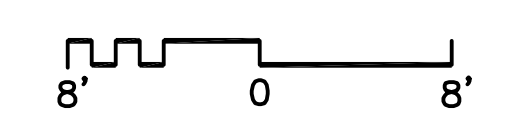
WALL LEGEND-NOTED SHEETS

SYMBOL	DESCRIPTION	DOOR/DAMPER INFO.	PRIORITY
(Symbol: Dashed line)	NON-RATED PARTITION	-	(-)
(Symbol: Solid line)	SMOKE-RESISTIVE PARTITION (CORRIDOR)	POSITIVE LATCH, NO CLOSER, NO DAMPERS	(7TH)
(Symbol: Solid line)	SMOKE-RESISTIVE PARTITION (SUITE)	POSITIVE LATCH, NO CLOSER, NO DAMPERS	(6TH)
(Symbol: Solid line)	SMOKE RESISTIVE PARTITION (INCIDENTAL USE)	POSITIVE LATCH, CLOSER, NO DAMPERS	(5TH)
(Symbol: Solid line)	1-HOUR SMOKE BARRIER (SMOKE COMP. SEPARATION)	20 MIN. CLOSER, 5 DAMPERS	(4TH)
(Symbol: Solid line)	1-HOUR FIRE BARRIER (INCIDENTAL USE)	POSITIVE LATCH, 45-MIN. CLOSER, FIRE DAMPERS	(3RD)
(Symbol: Solid line)	2-HOUR FIRE BARRIER	POSITIVE LATCH, 90 MIN. CLOSER, F/S DAMPERS	(2ND)
(Symbol: Solid line)	2-HOUR FIRE WALL (CMU CONSTR./STR. INDEPENDENT)	POSITIVE LATCH, 90 MIN. CLOSER, F/S DAMPERS	(1ST)

*SEE DIMENSIONED SHEETS FOR SOUND WALL LOCATIONS.

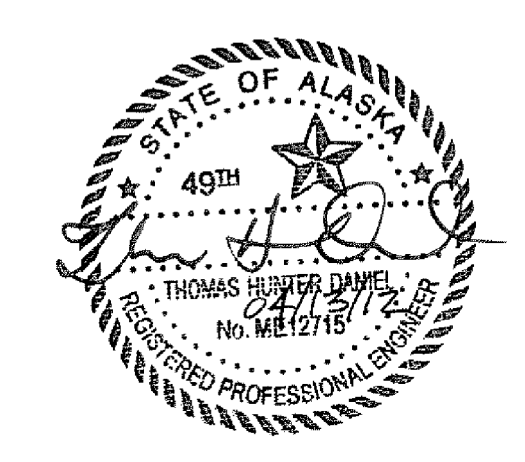


PLUMBING UNDERGROUND PIPING - PART A



DEJA
 A Replacement Facility for
Wrangell Medical Center
 Wrangell, Alaska

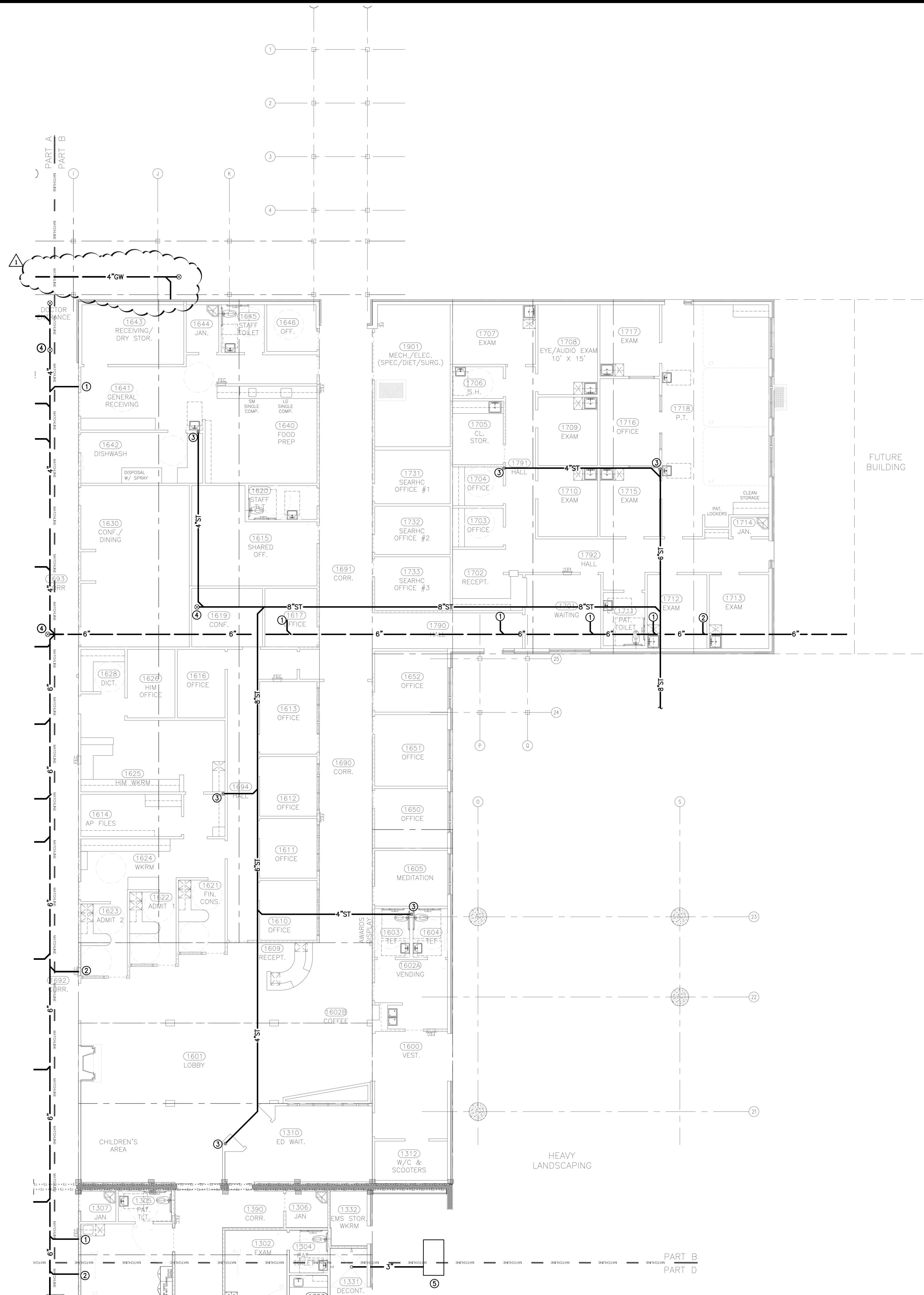
AHFD AMERICAN HEALTH FACILITIES DEVELOPMENT



REVISION #1 04-13-12

PROJECT NUMBER
10528.00
DATE
March 21, 2012

P1.0A
PLUMBING
UNDERGROUND
PIPING - PART A



- ### PLAN KEY NOTES
- 4\"/>
 - 3\"/>
 - 4\"/>
 - PROVIDE GRADE CLEANOUT

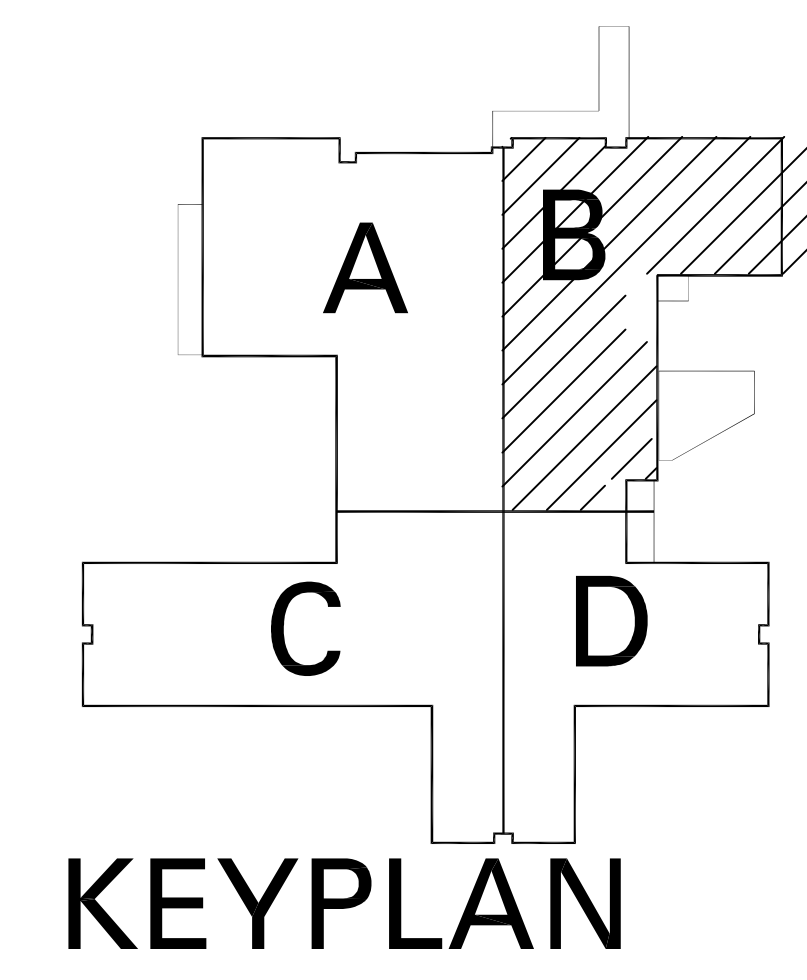
GENERAL NOTES

A. CONTRACTOR SHALL COORDINATE WORK WITH THAT OF OTHER TRADES.

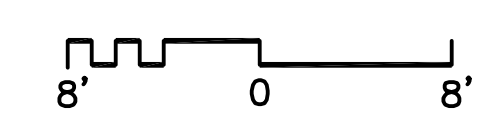
WALL LEGEND-NOTED SHEETS

SYMBOL	DESCRIPTION	DOOR/DAMPER INFO.	PRIORITY
---	NON-RATED PARTITION	-	(-)
---	SMOKE-RESISTIVE PARTITION (CORRIDOR)	POSITIVE LATCH, NO CLOSER, NO DAMPERS	(7TH)
---	SMOKE-RESISTIVE PARTITION (SUITE)	POSITIVE LATCH, NO CLOSER, NO DAMPERS	(6TH)
---	SMOKE RESISTIVE PARTITION (INCIDENTAL USE)	POSITIVE LATCH, CLOSER, NO DAMPERS	(5TH)
---	1-HOUR SMOKE BARRIER (SMOKE COMP. SEPARATION)	20 MIN. CLOSER, 5 DAMPERS	(4TH)
---	1-HOUR FIRE BARRIER (INCIDENTAL USE)	POSITIVE LATCH, 45-MIN. CLOSER, FIRE DAMPERS	(3RD)
---	2-HOUR FIRE BARRIER	POSITIVE LATCH, 90 MIN. CLOSER, F/5 DAMPERS	(2ND)
---	2-HOUR FIRE WALL (CMU CONSTR./STR. INDEPENDENT)	POSITIVE LATCH, 90 MIN. CLOSER, F/5 DAMPERS	(1ST)

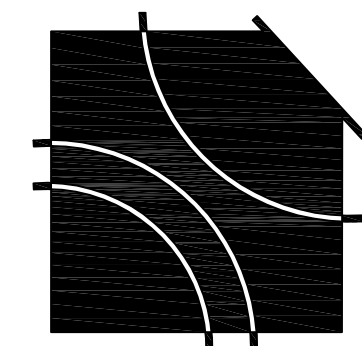
*SEE DIMENSIONED SHEETS FOR SOUND WALL LOCATIONS.



PLUMBING UNDERGROUND PIPING - PART B



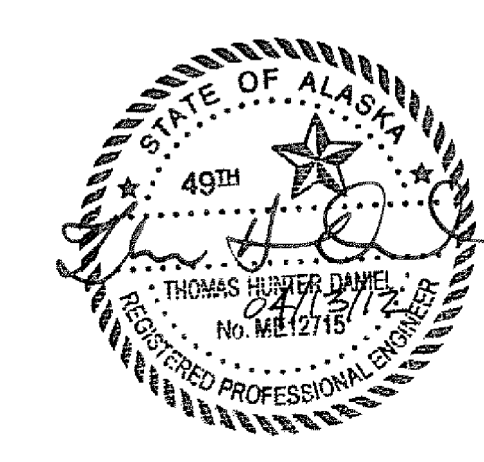
DEJA



A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska

David E. Johnson
Architect
451 Townsend Drive
Wrangell, TN 37794
tel 615.637.8665
fax 615.637.8667

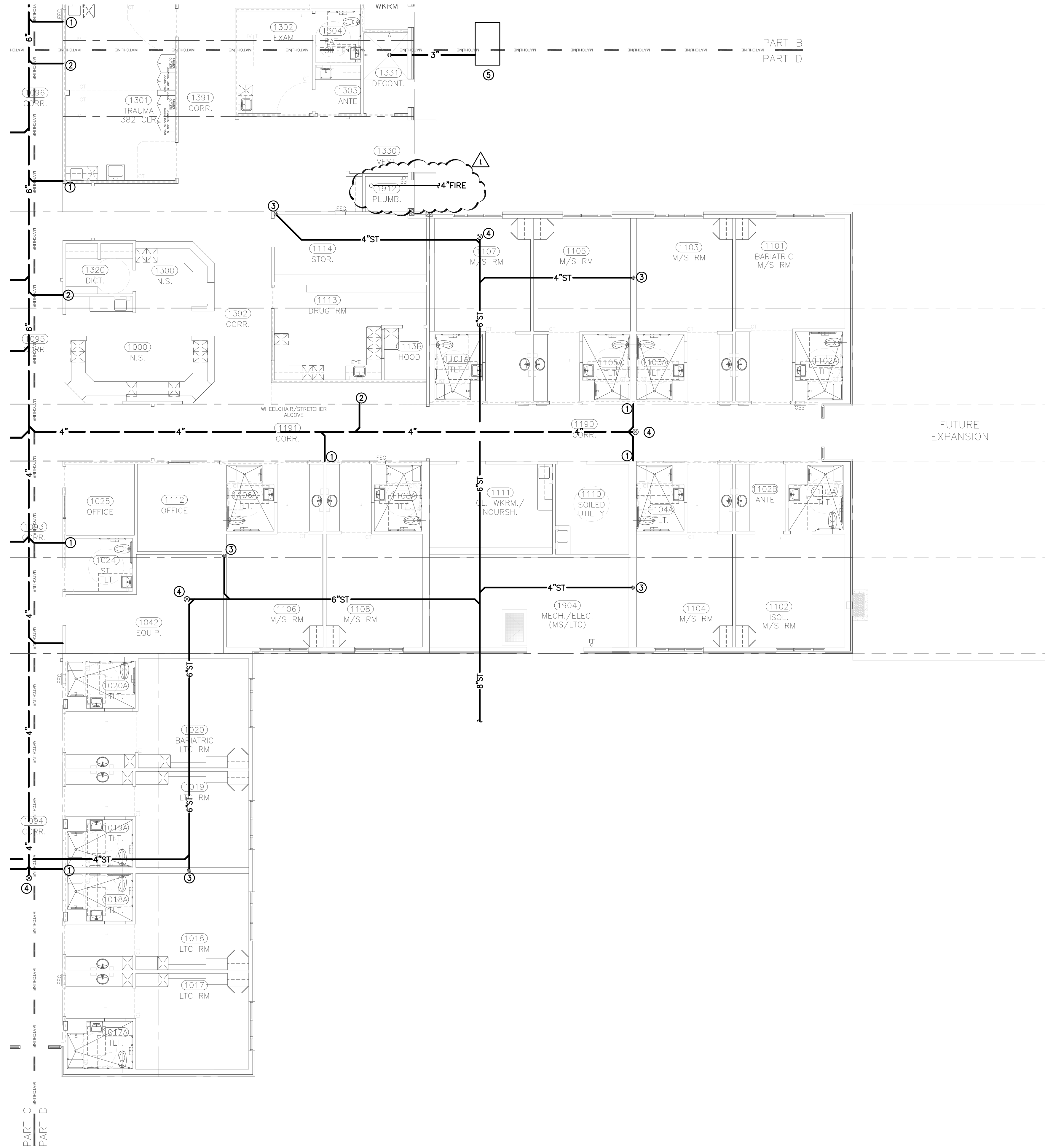
AHFD AMERICAN HEALTH FACILITIES DEVELOPMENT



REVISION #1 04-13-12

PROJECT NUMBER
10528.00
DATE
March 21, 2012

P1.0B
PLUMBING
UNDERGROUND
PIPING - PART B



- ### PLAN KEY NOTES
- 4\"/>
 - 3\"/>
 - 4\"/>
 - PROVIDE GRADE CLEANOUT
 - PROVIDE 500 GALLON BELOW GRADE DECONTAM HOLDING TANK

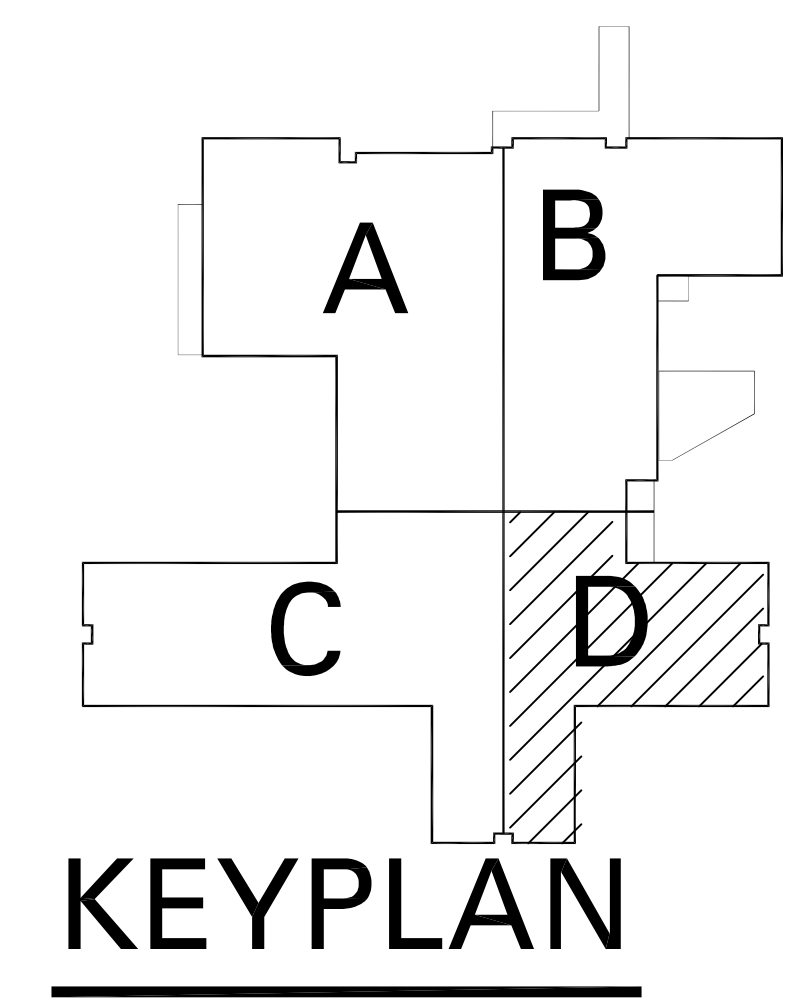
GENERAL NOTES

A. CONTRACTOR SHALL COORDINATE WORK WITH THAT OF OTHER TRADES.

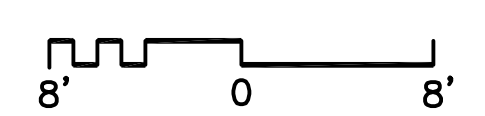
WALL LEGEND-NOTED SHEETS

SYMBOL	DESCRIPTION	DOOR/DAMPER INFO.	PRIORITY
---	NON-RATED PARTITION	-	(-)
---	SMOKE-RESISTIVE PARTITION (CORRIDOR)	POSITIVE LATCH, NO CLOSER, NO DAMPERS	(7TH)
---	SMOKE-RESISTIVE PARTITION (SUITE)	POSITIVE LATCH, NO CLOSER, NO DAMPERS	(6TH)
---	SMOKE RESISTIVE PARTITION (INCIDENTAL USE)	POSITIVE LATCH, CLOSER, NO DAMPERS	(5TH)
---	1-HOUR SMOKE BARRIER (SMOKE COMP. SEPARATION)	20 MIN. CLOSER, S DAMPERS	(4TH)
---	1-HOUR FIRE BARRIER (INCIDENTAL USE)	POSITIVE LATCH, 45-MIN. CLOSER, FIRE DAMPERS	(3RD)
---	2-HOUR FIRE BARRIER	POSITIVE LATCH, 90 MIN. CLOSER, F/S DAMPERS	(2ND)
---	2-HOUR FIRE WALL (CMU CONSTR./STR. INDEPENDENT)	POSITIVE LATCH, 90 MIN. CLOSER, F/S DAMPERS	(1ST)

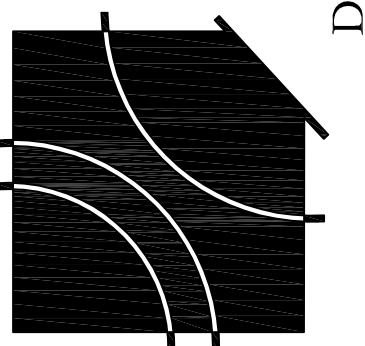
*SEE DIMENSIONED SHEETS FOR SOUND WALL LOCATIONS.



 PLUMBING UNDERGROUND PIPING - PART D



DEJA

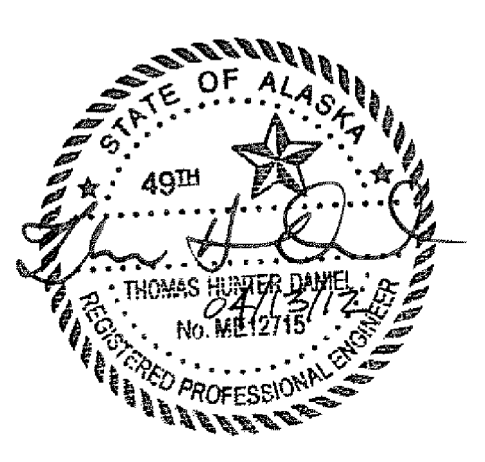


A Replacement Facility for
Wrangell Medical Center
 Wrangell, Alaska

David E. Johnson
 Architect

453 Townsend Drive
 Healdsburg, TN 37324
 Tel: 615.637.8665
 Fax: 615.637.8667

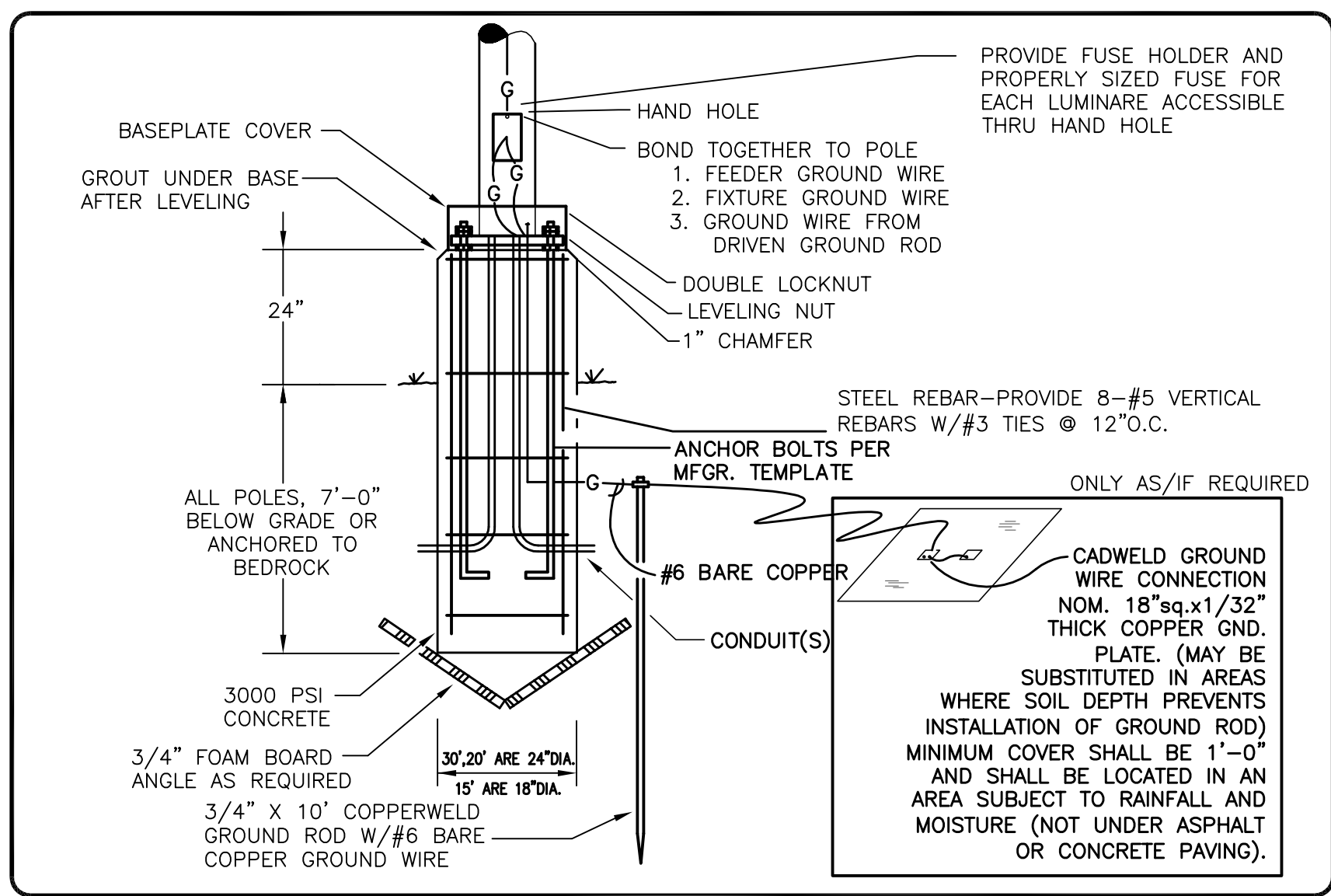
AHFD AMERICAN HEALTH FACILITIES DEVELOPMENT



REVISION #1 04-13-12

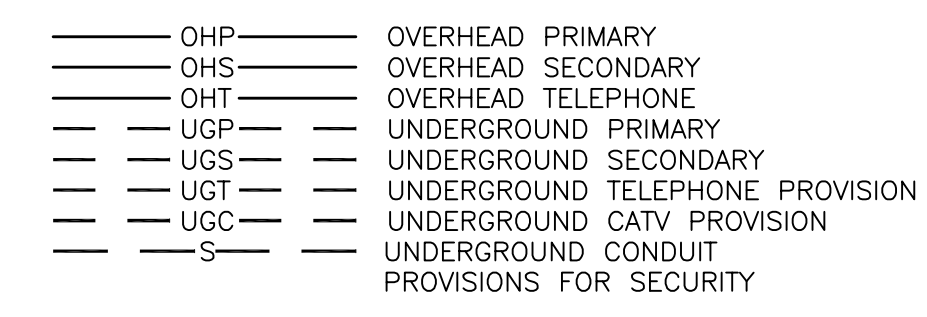
PROJECT NUMBER
10528.00
 DATE
 March 21, 2012

P1.0D
 PLUMBING
 UNDERGROUND
 PIPING - PART D



POLE BASE DETAIL
SCALE: NONE

SITE LIGHTING FIXTURE SCHEDULE							
TYPE	MANUFACTURER	CATALOG NUMBER	#	LAMPS	MOUNTING	DESCRIPTION	NOTES
SA5	LSI	GFR-5-1000MHR-F-MT	1	1000W/MH	POLE MTD	NOTE 2 - TYPE 5 - VERTICAL CUTOFF 30' SSS POLE #SS5A30SPM1	
SA3	LSI	GFR-3-400MHR-F-MT	1	400W/MH	POLE MTD	NOTE 2 - TYPE 3 - HORIZONTAL CUTOFF HS DESIGNATES HOUSE SIDE SHIELD WHERE NOTED	
SB	LSI	GFF-1-175MHR-5-F-MT	1	175W/MH	POLE MTD	POST-TOP	
SFV	LSI	DRS-SP-175MH-F-MT-BLK-SMT-GS	1	175MH	STANCHION MTD	10' POLE 2-OPTION DARK SKY BLDG UPLIGHT (VERT FLOOD) GLARE SHIELD (FLAGPOLE)	
SFH	LSI	DRS-HF-175MH-F-MT-BLK-SMT-GS	1	175MH	STANCHION MTD	10' POLE SIGN LT (HORIZ SPOT) GLARE SHIELD MTD 8" ABOVE GRADE	



ROUTE #6 CONDUCTORS THROUGHOUT SITE LIGHTING CIRCUITS EXCEPT AS NOTED OTHERWISE. PULL #10 GND. THROUGHOUT

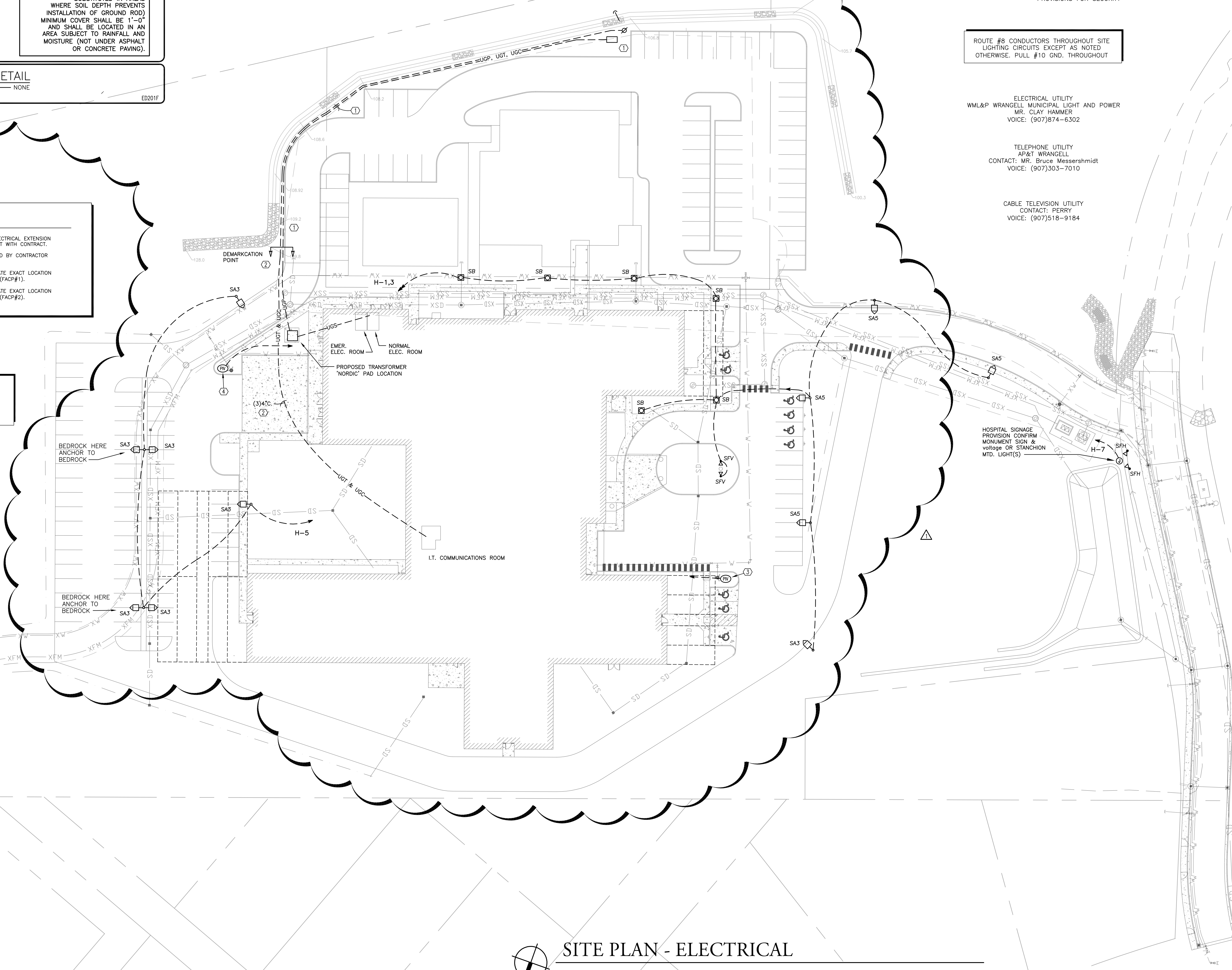
ELECTRICAL UTILITY
WML&P WRANGELL MUNICIPAL LIGHT AND POWER
MR. CLAY HAMMER
VOICE: (907)874-6302

TELEPHONE UTILITY
AP&T WRANGELL
CONTACT: MR. Bruce Messersmidt
VOICE: (907)303-7010

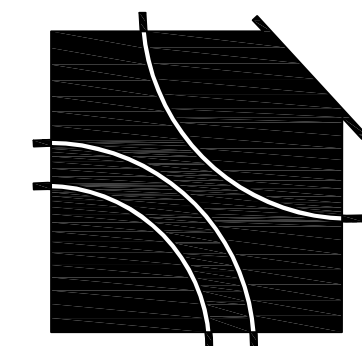
CABLE TELEVISION UTILITY
CONTACT: PERRY
VOICE: (907)518-9184

- PLAN KEY NOTES**
- UNDERGROUND TELEPHONE, CABLE TELEVISION (CATV) AND ELECTRICAL EXTENSION BY UTILITY, NOT IN THIS CONTRACT BUT CONSTRUCTED CONCURRENT WITH CONTRACT.
 - THESE CONDUITS FOR UTILITY EXTENSION ARE TO BE PROVIDED BY CONTRACTOR BIDDING THIS CONTRACT.
 - SPRINKLER WATER LINE POST INDICATOR VALVE(PIV), COORDINATE EXACT LOCATION ON SITE. PROVIDE 1" CONDUIT TO FIRE ALARM CONTROL PANEL #1(FACP#1).
 - SPRINKLER WATER LINE POST INDICATOR VALVE(PIV), COORDINATE EXACT LOCATION ON SITE. PROVIDE 1" CONDUIT TO FIRE ALARM CONTROL PANEL #2(FACP#2).

CONTRACTOR SHALL COORDINATE WITH FOUNDATION CONTRACTOR FOR SLEEVING OF GRADE BEAMS AT ALL CONDUIT EXITS.



DEJA

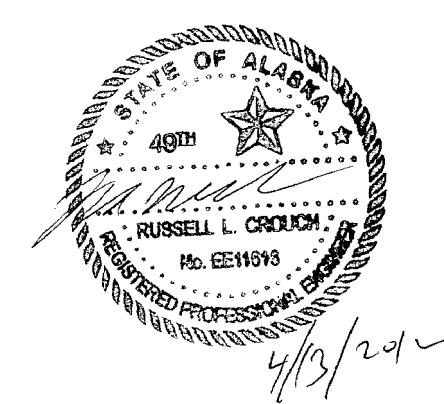


A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska

David E. Johnson
Architect

4531 Townsend Drive
Wrangell, TN 37724
tel 615.637.8655
fax 615.637.8657

AHFD AMERICAN HEALTH FACILITIES DEVELOPMENT

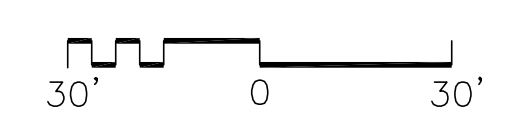


REVISION #1 04-13-12

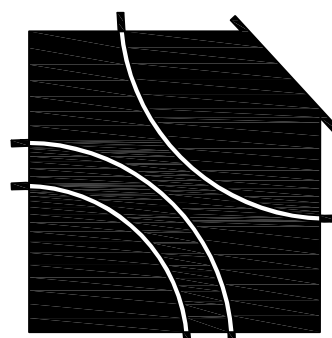
PROJECT NUMBER
10528.00
DATE
March 21, 2012

E1.0
SITE PLAN
ELECTRICAL

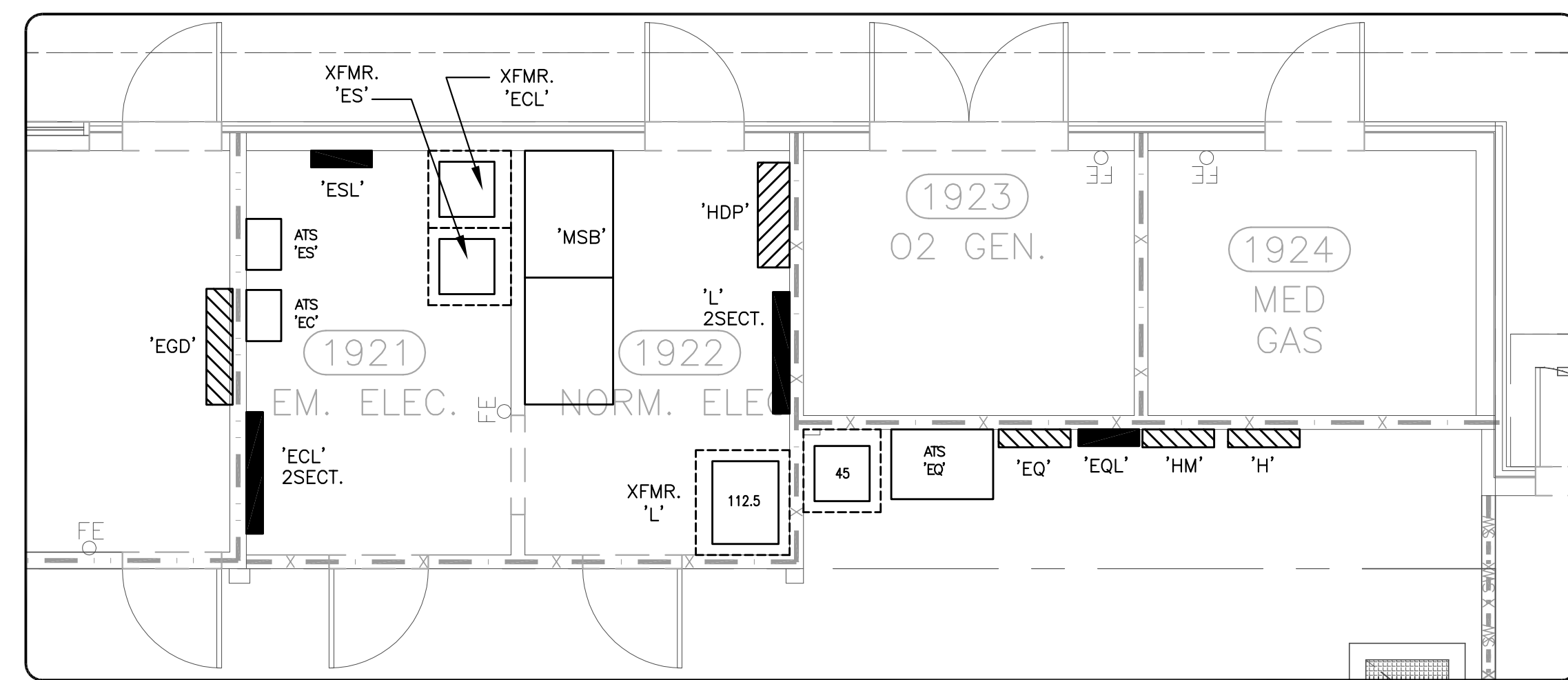
SITE PLAN - ELECTRICAL



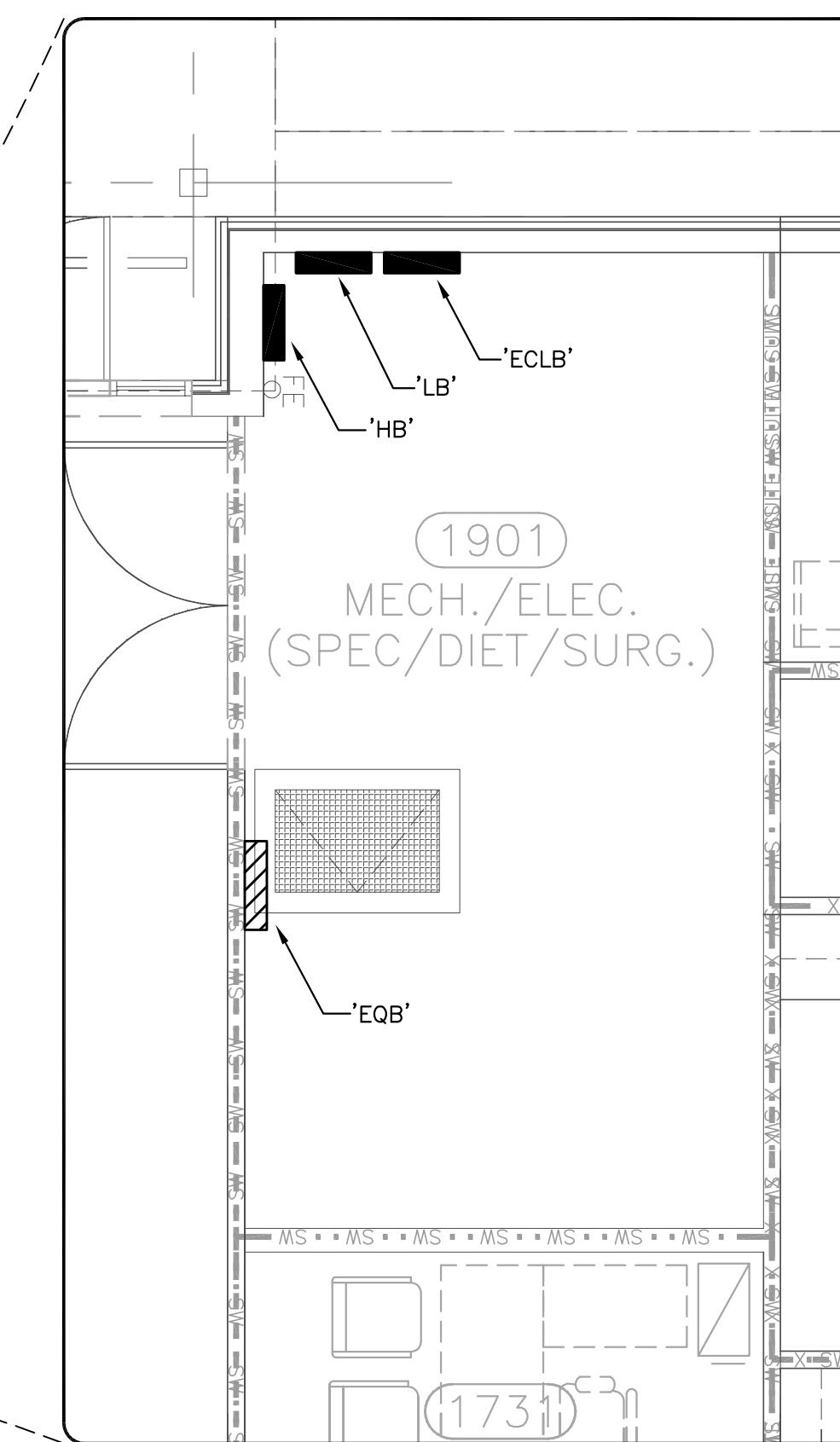
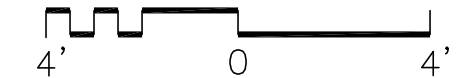
DEJA



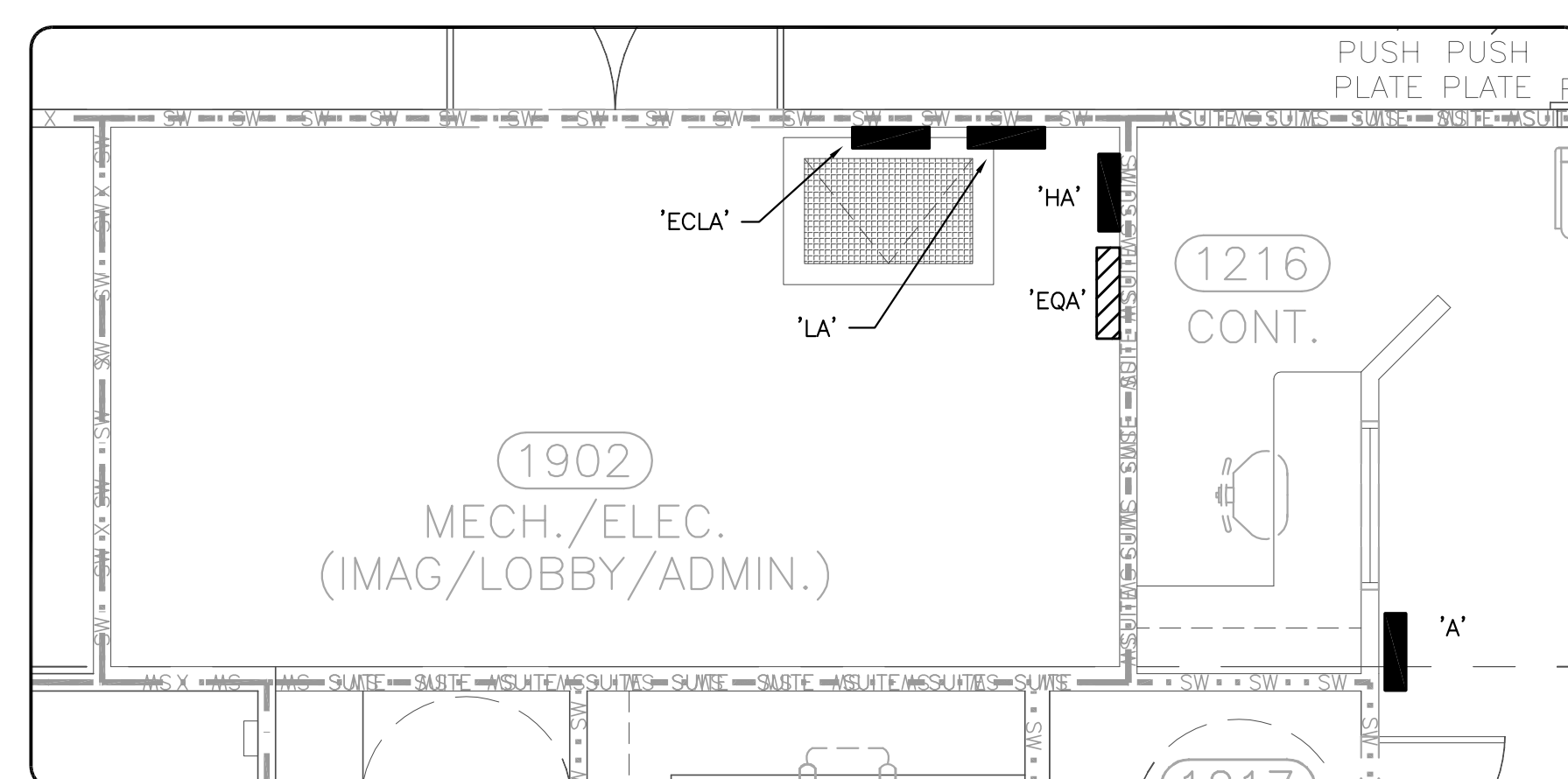
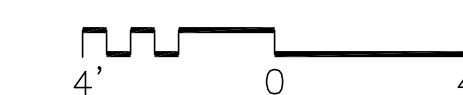
A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska



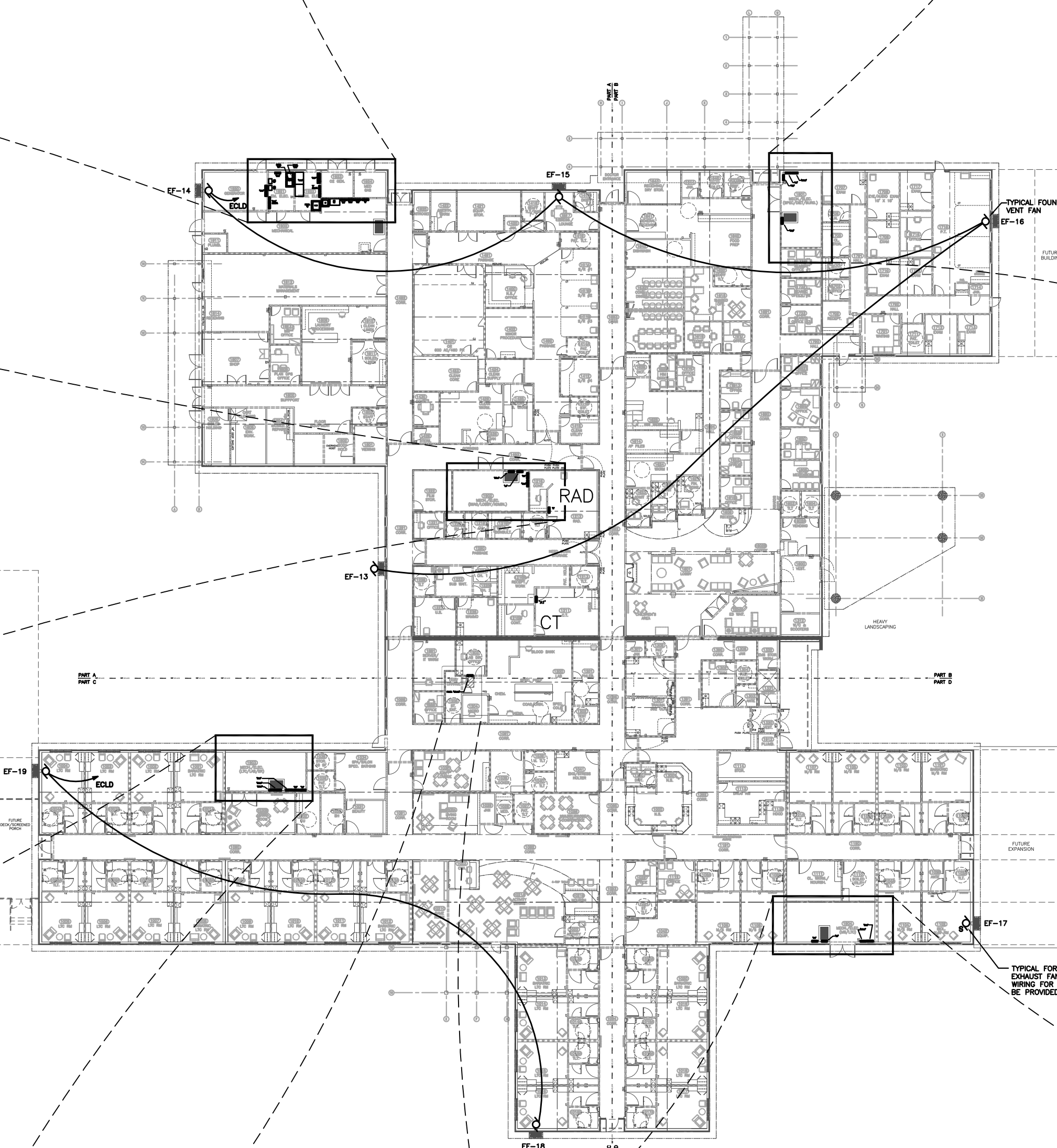
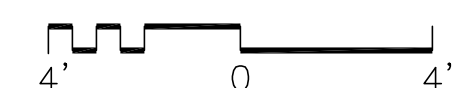
MAIN ELECTRIC ROOMS



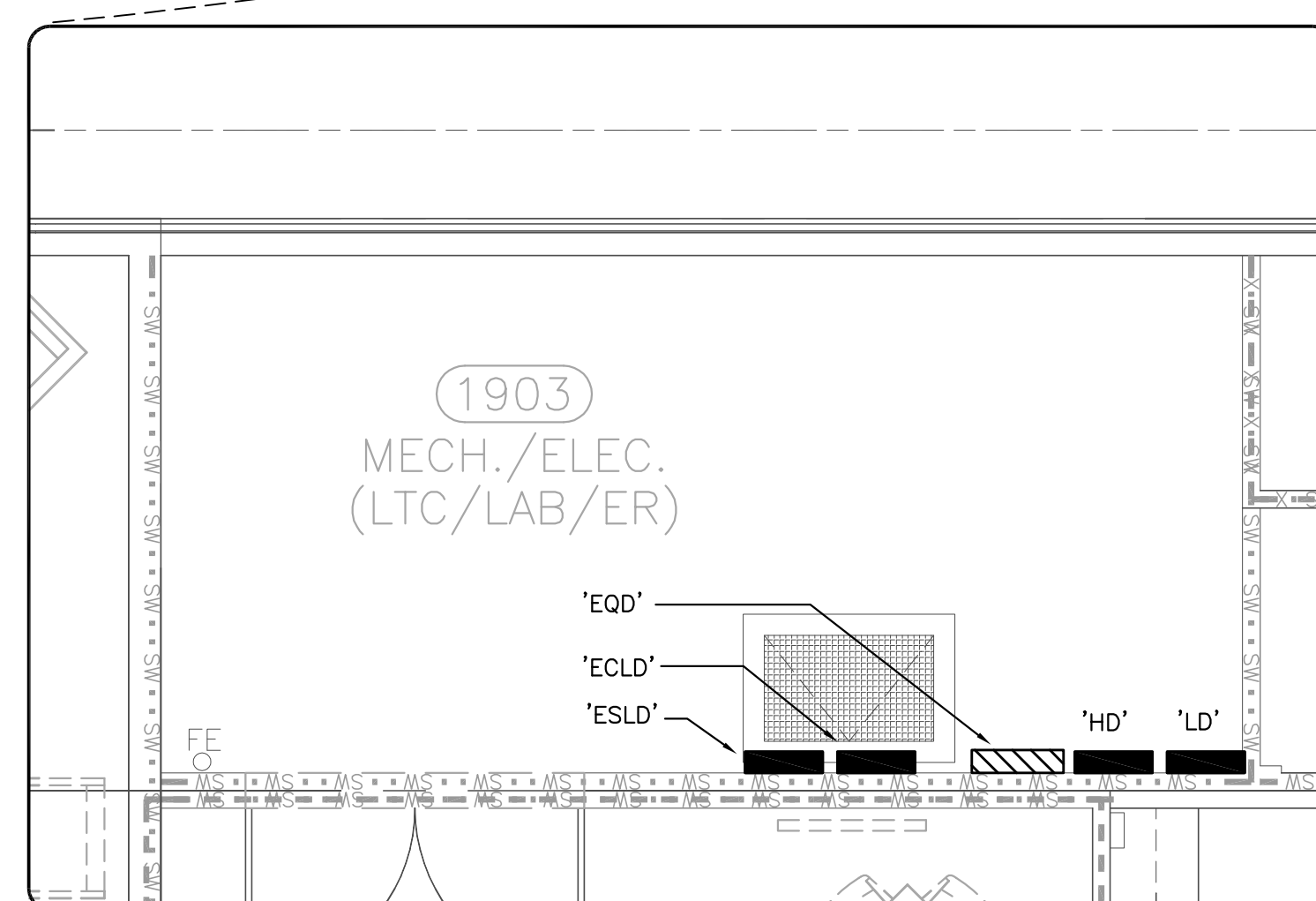
MECH/ELEC 1901



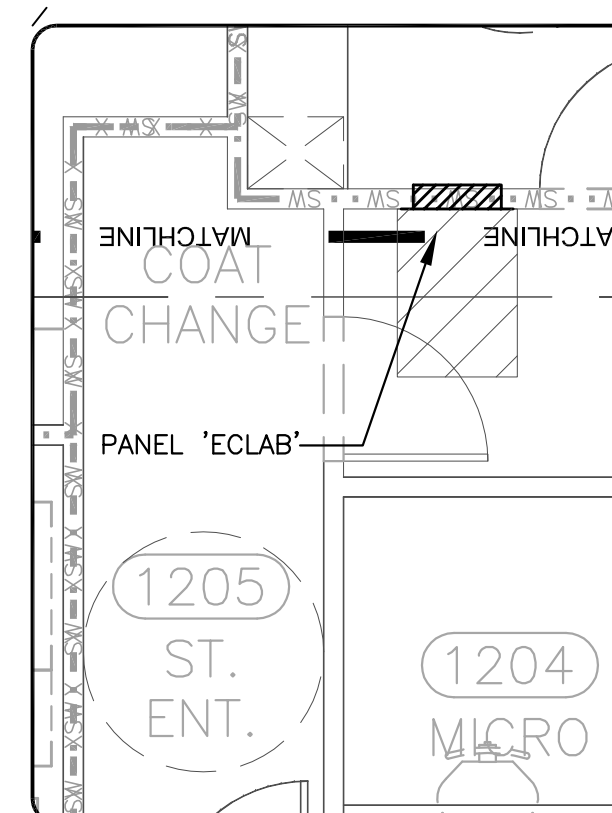
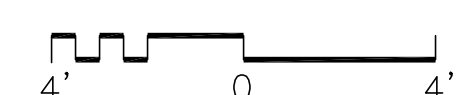
MECH/ELEC 1902



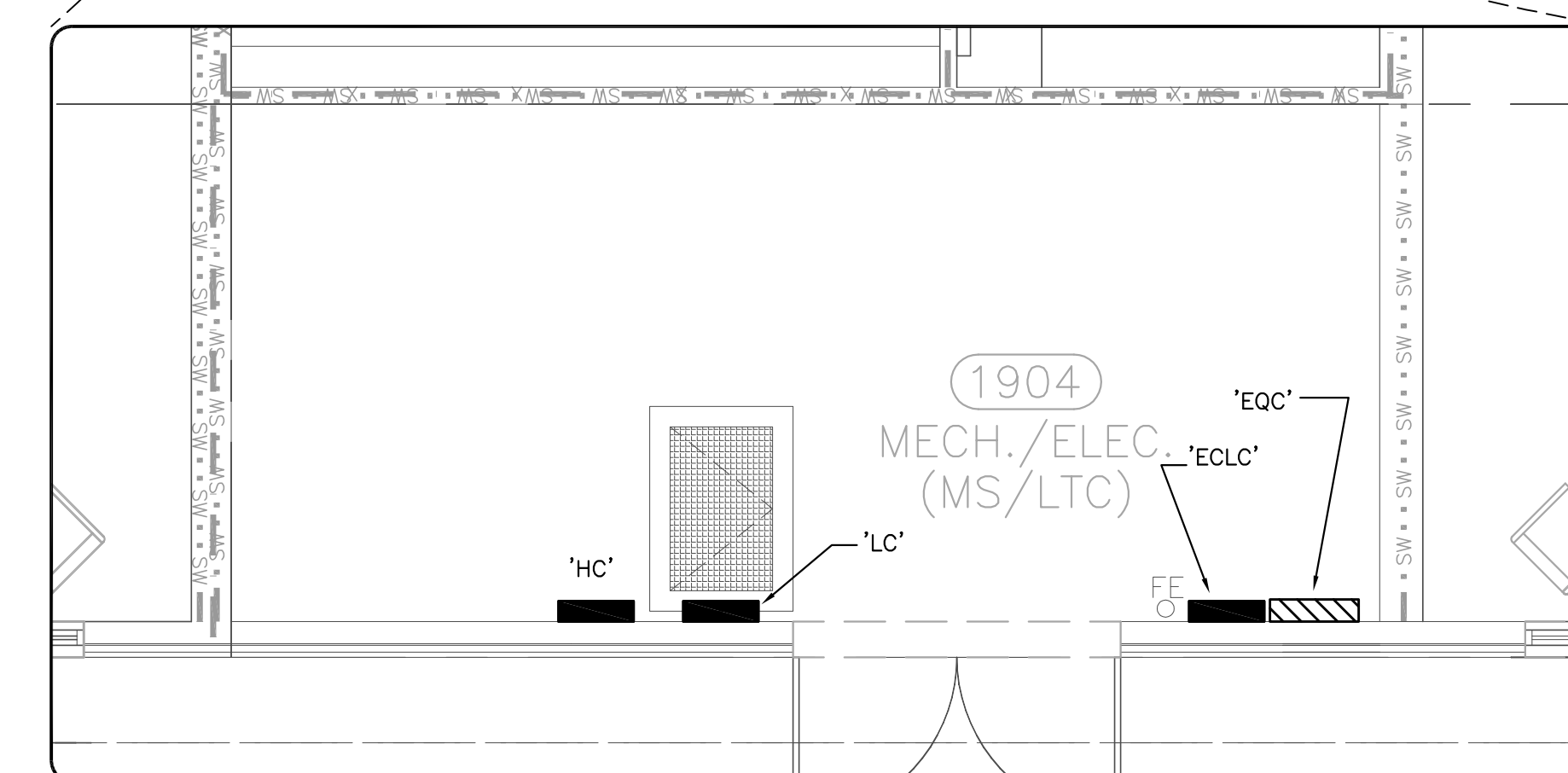
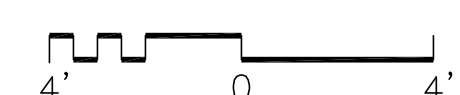
OVERALL PLAN



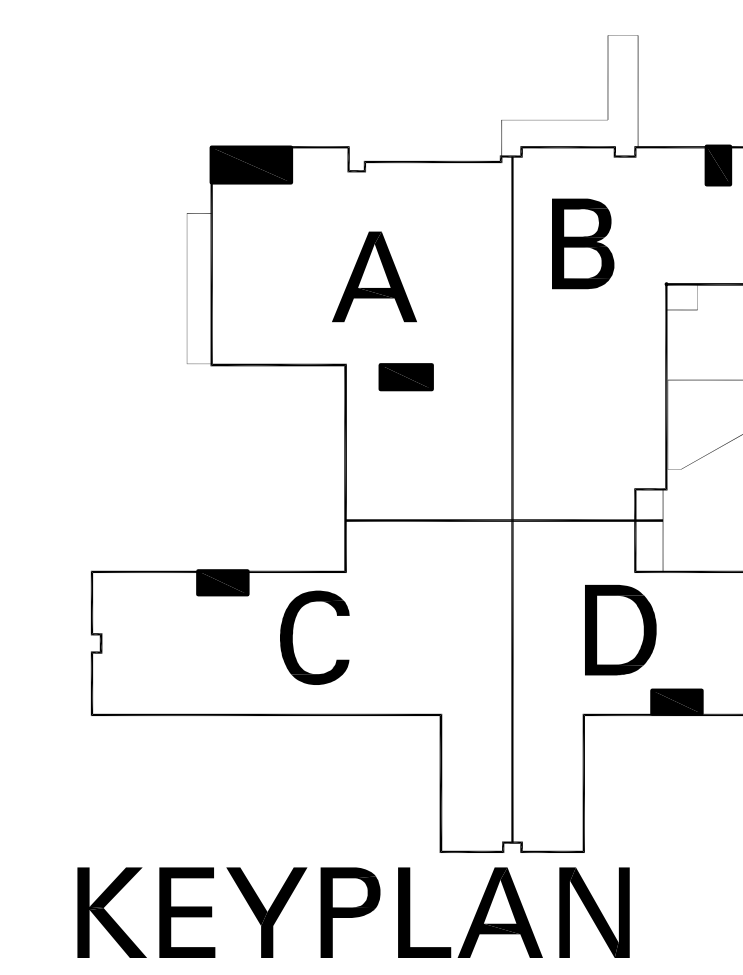
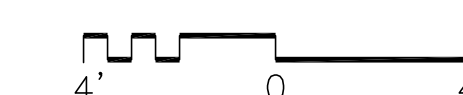
MECH/ELEC 1903



LAB 1200



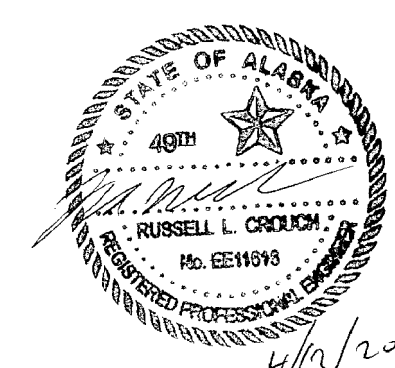
MECH/ELEC 1904



KEYPLAN

△ ADDED ENTIRE SHEET

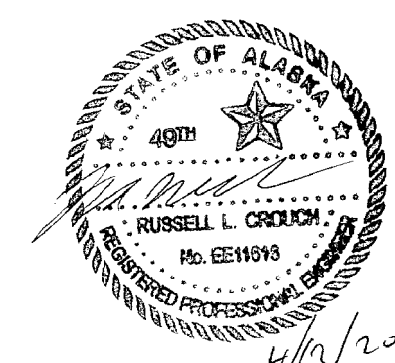
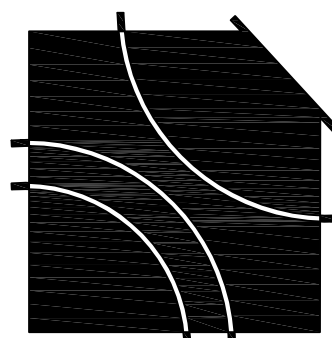
AHFD AMERICAN HEALTH FACILITIES DEVELOPMENT



REVISION #1 04-13-12

PROJECT NUMBER
10528.00
DATE
March 21, 2012

E1.4
OVERALL AND ENLARGED PLANS



TRANSFORMER SIZING LEGEND						
PRIMARY			XFMR		SECONDARY	
BREAKER	WIRE SIZE	GND*	#	KVA	BREAKER	WIRE SIZE
15/3	3#12	#8	9	30/3	4#10	#8
25/3	3#10	#8	15	50/3	4#6	#8
45/3	3#8	#8	30	100/3	4#3	#8
70/3	3#6	#4	45	175/3	4#2/0	#4
110/3	3#2	#2	75	250/3	4#250MCM	#2
175/3	3#3/0	#0	112.5	400/3	4#500MCM	#0
225/3	3#4/0	#0	150	500/3	(2)4#250MCM	#0
350/3	3#500MCM	#2/0	225	800/3	(2)4#500MCM	#2/0
500/3	(2)3#250MCM	#2/0	300	100/3	(4)4#250MCM	#2/0

*. CARRY THROUGH TO SERVICE AT LEAST THE DERIVED SERVICE GROUND SIZE

SWITCH	BRANCH	SIZE	LOAD SERVED	LOAD	SEQUENCE
ATS ES	LIFE SAFETY	100A 3PDL SOLID NEUTRAL	LIFE SAFETY ITEMS LIGHTING & GDM	-	#1
ATS 'EC'	CRITICAL	225A 3PDL SOLID NEUTRAL	LIGHTING & RECEPT. REFRIG. EQUIPMENT	-	#1
ATS 'EQ'	EQUIPMENT	600A 3PDL SOLID NEUTRAL	MED PUMPS, FANS, KIT. EQUIP. AND RADIOLOGY	-	#2

TRANSFER SWITCHES SHALL BEAR "SERVICE EQUIPMENT" LABELS.

SEQUENCE #1: AUTOMATIC IMMEDIATE TRANSFER TO EMERGENCY SOURCE UPON FAILURE OF NORMAL SOURCE. 15 MINUTE DELAY FROM EMERGENCY SOURCE UPON RESTORATION OF NORMAL SOURCE.

SEQUENCE #2: 30 SECOND DELAY TRANSFER TO EMERGENCY UPON LOSS OF NORMAL POWER. 10 MINUTE DELAY FROM EMERGENCY SOURCE UPON RESTORATION OF NORMAL POWER.

WRANGELL MEDICAL CENTER APPROX. 55,000SF

LOAD SUMMARY			
LOAD	CONNECTED KVA	DIVERS. FACTOR	DIVERS. KVA
SITE LIGHTING	12	1.25	15
LIGHTING @ 1.1W/SF	66	1.25	72
RECEPT./MISC. @ 2W/SQ.FT.	110	CODE	60
A/C COMPRESSORS	300	.8	240
A/C FANS	140	.8	112
RADIOLOGY EQUIP.	190	CODE	120
PUMPS/EQUIPMENT	224	1.0	224
MISC. EQUIPMENT (STERILIZERS/HUMIDIFIERS)	200	.7	140
KITCHEN EQUIPMENT	90	.65	60
ELECTRIC HEAT	780	.6	468
TOTAL	---	---	1017

SERVICE SIZED AT 1600 ALLOWING FOR 20% GROWTH VOLTAGE IS 277/480V, 3 PHASE, 4 WIRE.

EMER. LOAD SUMMARY			
LOAD	CONNECTED KVA	DIVERS. FACTOR	DIVERS. KVA
LIGHTING	40	1.0	40
RECEPT./MISC. 1.2W/SF	66	CODE	40
KITCHEN	45	.65	30
X-RAY (2 UNITS)	190	CODE	100
FANS	140	.8	112
PUMPS	0	.8	0
EQUIPMENT (STERIL)	30	1.0	30
ELECTRIC HEAT	360	.8	288
TOTAL	---	---	640

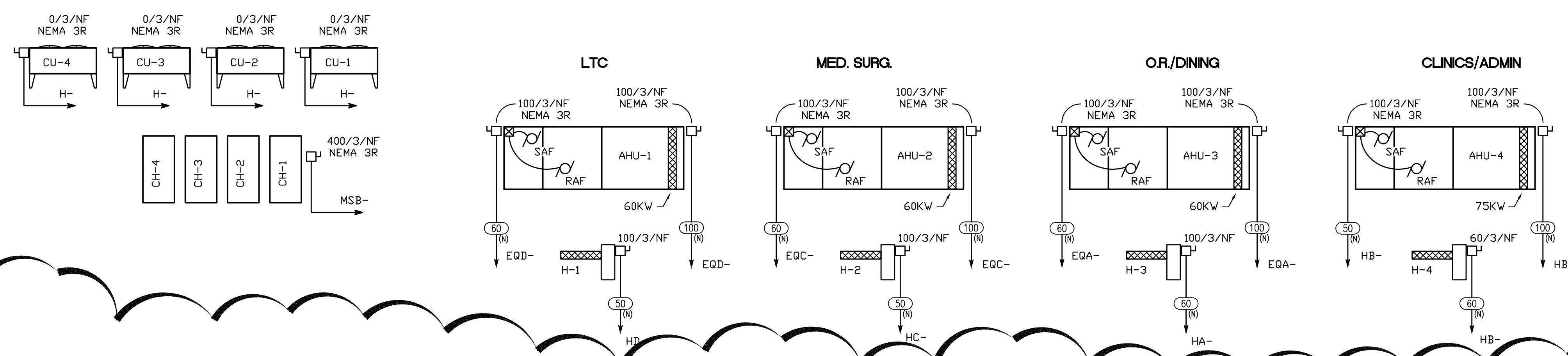
* LIMITED TO ONE AT A TIME ON EMERGENCY POWER GENERATOR SIZE 600KW/750KVA

FEEDER SCHEDULE							
TYPE NO.	COPPER WIRE		CONDUIT	W/O NEUTRAL	SERVICE GROUND	ALUMINUM WIRE	
	QUANTITIES & WIRE SIZE	CONDUIT				QUANTITIES & WIRE SIZE	CONDUIT W/O NEUTRAL
15	4#12 & #12 GROUND	3/4"	3/4"	#8	-	-	-
20	4#12 & #12 GROUND	3/4"	3/4"	#8	-	-	-
30	4#10 & #10 GROUND	3/4"	3/4"	#8	-	-	-
50	4#8 & #8 GROUND	1"	1"	#8	-	-	-
60	4#6 & #6 GROUND	1-1/4"	1-1/4"	#8	-	-	-
85	4#4 & #4 GROUND	1-1/4"	1-1/4"	#8	-	-	-
100	4#3 & #3 GROUND	1-1/2"	1-1/4"	#8	4#1 & #6 GROUND	1-1/2"	1-1/2"
115	4#2 & #2 GROUND	1-1/2"	1-1/2"	#8	4#1/0 & #4 GROUND	2"	1-1/2"
130	4#1 & #1 GROUND	1-1/2"	1-1/2"	#6	4#2/0 & #4 GROUND	2"	2"
150	4#1/0 & #6 GROUND	2"	2"	#6	4#3/0 & #4 GROUND	2"	2"
175	4#2/0 & #6 GROUND	2"	2"	#4	4#4/0 & #4 GROUND	2-1/2"	2"
200	4#3/0 & #6 GROUND	2"	2"	#4	4#250MCM & #4 GROUND	3"	2-1/2"
225	4#4/0 & #4 GROUND	2-1/2"	2-1/2"	#2	4#300MCM & #2 GROUND	3"	2-1/2"
250	4#250MCM & #4 GROUND	3"	2-1/2"	#2	4#400MCM & #2 GROUND	3"	3"
300	4#350MCM & #3 GROUND	3"	3"	#2	4#500MCM & #2 GROUND	3-1/2"	3-1/2"
350	4#500MCM & #3 GROUND	4"	4"	#1/0	(2 SETS)4#4/0 & #1 GROUND	2-1/2"	2-1/2"
400	4#500MCM & #3 GROUND	4"	4"	#1/0	(2 SETS)4#250MCM & #1 GROUND	3"	2-1/2"
460	(2 SETS)4#4/0 & #2 GROUND	2-1/2"	2-1/2"	#1/0	(2 SETS)4#300MCM & #1/0 GROUND	3"	2-1/2"
500	(2 SETS)4#250MCM & #2 GROUND	3"	2-1/2"	#1/0	(2 SETS)4#350MCM & #1/0 GROUND	3"	3"
600	(2 SETS)4#350MCM & #1 GROUND	3"	3"	#2/0	(2 SETS)4#500MCM & #2/0 GROUND	3-1/2"	3-1/2"
700	(2 SETS)4#500MCM & #1/0 GND	4"	4"	#2/0	(3 SETS)4#350MCM & #3/0 GROUND	3"	3"
800	(3 SETS)4#300MCM & #1/0 GND	3"	3"	#2/0	(3 SETS)4#400MCM & #3/0 GROUND	3"	3"
1000	(3 SETS)4#400MCM & #2/0 GND	4"	4"	#3/0	(4 SETS)4#350MCM & #4/0 GROUND	3"	3"
1200	(4 SETS)4#350MCM & #3/0 GND	3"	3"	#3/0	(4 SETS)4#500MCM & #250MCM GND	3-1/2"	3-1/2"
1600	(5 SETS)4#400MCM & #4/0 GND	4"	4"	#3/0	(6 SETS)4#400MCM & #350MCM GND	3"	3"
2000	(6 SETS)4#400MCM & #250MCM GND	4"	4"	#3/0	(7 SETS)4#500MCM & #400MCM GND	3-1/2"	3-1/2"
2500	(7 SETS)4#500MCM & #350MCM GND	4"	4"	#3/0	(9 SETS)4#500MCM & #350MCM CU GND	3-1/2"	3-1/2"
3000	(8 SETS)4#500MCM & #400MCM GND	4"	4"	#3/0	(10 SETS)4#500MCM & #400MCM CU GND	3-1/2"	3-1/2"
4000	(11 SETS)4#500MCM & #500MCM GND	4"	4"	#3/0	-	-	-
XA	3#3/1/0 N #1/0 GND	1-1/2"	-	-	-	-	-
XB	3#3/0, #3/0 GND	2"	-	-	-	-	-
XC	3#2, #1/0 N, #1/0 GND	1-1/2"	-	-	-	-	-
XD	3#1, #1/0 N, #1/0 GND	1-1/2"	-	-	-	-	-
XE	3#2/0, #2/0 GND	2"	-	-	-	-	-
XF	3#1/0, #1/0 N, #1/0 GND	2"	-	-	-	-	-
XG	2#2/0, #2/0 N, #2/0 GND	2"	-	-	-	-	-
XH	2#1/0, #1/0 N, #1/0 GND	2"	-	-	-	-	-

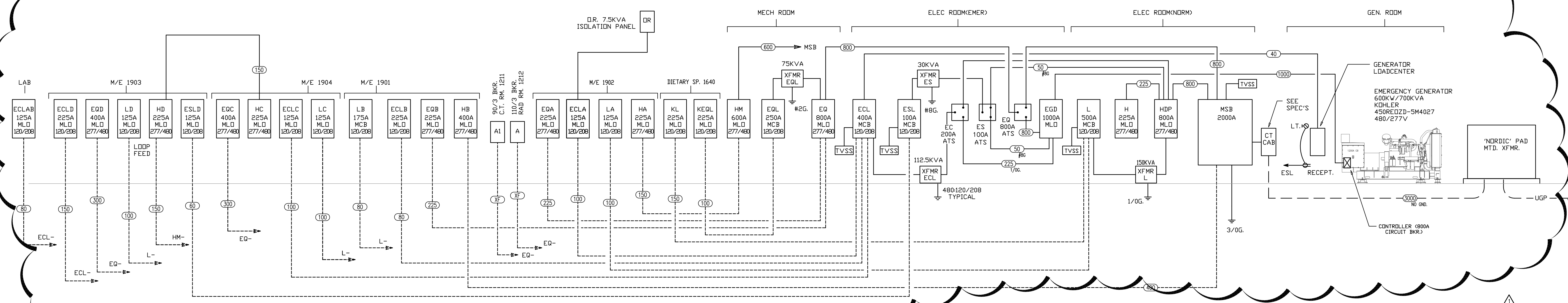
ALL FEEDERS ARE ASSUMED TO BE 4 CURRENT CARRYING CONDUCTORS (3 PHASE CONDUCTORS AND 1 NEUTRAL) UNLESS NOTED OTHERWISE.

FEEDER KEY IS AS FOLLOWS (PARENTHESIS DENOTES SUBSCRIPT):

- ### = 3 PHASES AND NEUTRAL WITH GROUND
- ###(N) = 3 PHASES, NO NEUTRAL WITH GROUND
- ###(2) = 2 PHASES AND NEUTRAL WITH GROUND
- ###(2N) = 2 PHASES, NO NEUTRAL WITH GROUND



WORK SHOWN DASHED IS UNDER CM CONTRACT. THIS INCLUDES FEEDER CONDUITS, CONDUCTORS AND TERMINATION AT PANELS.
ALL WORK SHOWN SOLID IS UNDER CC CONTRACT. CC SHALL PROVIDE DIMENSIONED SHOP DRAWINGS OF PANEL LAYOUT, BOTTOM FEED LUGS. PROVIDE BLOCK OUT IN FLOOR FOR FIELD INSTALLED CONDUITS.



PROVIDE #10 GROUND BONDS BETWEEN NORMAL AND EMERGENCY PANELS IN EACH ELECTRICAL ROOM

PROPOSED POWER RISER DIAGRAM

NO SCALE

DEJA

Memorandum

Date: 4/13/2012

To: All Plan Holders

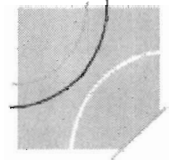
Cc:

From: Julia Covington - DEJA

Project: Wrangell Medical Center (10528.00) - Replacement Facility (00)

Owner Project #:

Subject: Addendum #2 - Volume 2 Early Release Package Structural



ADDENDUM NO. 2

Volume 2
Early Release Package - Structural
Wrangell Medical Center
Wrangell, Alaska

David E. Johnson Architect

Project No. 10528.00

April 13, 2012

This Addendum forms a part of the Contract Documents and modifies the original Construction Documents, dated March 28, 2012, as noted below.

This Addendum consists of one (1) page and four (4) attachments.

DRAWING CHANGES:

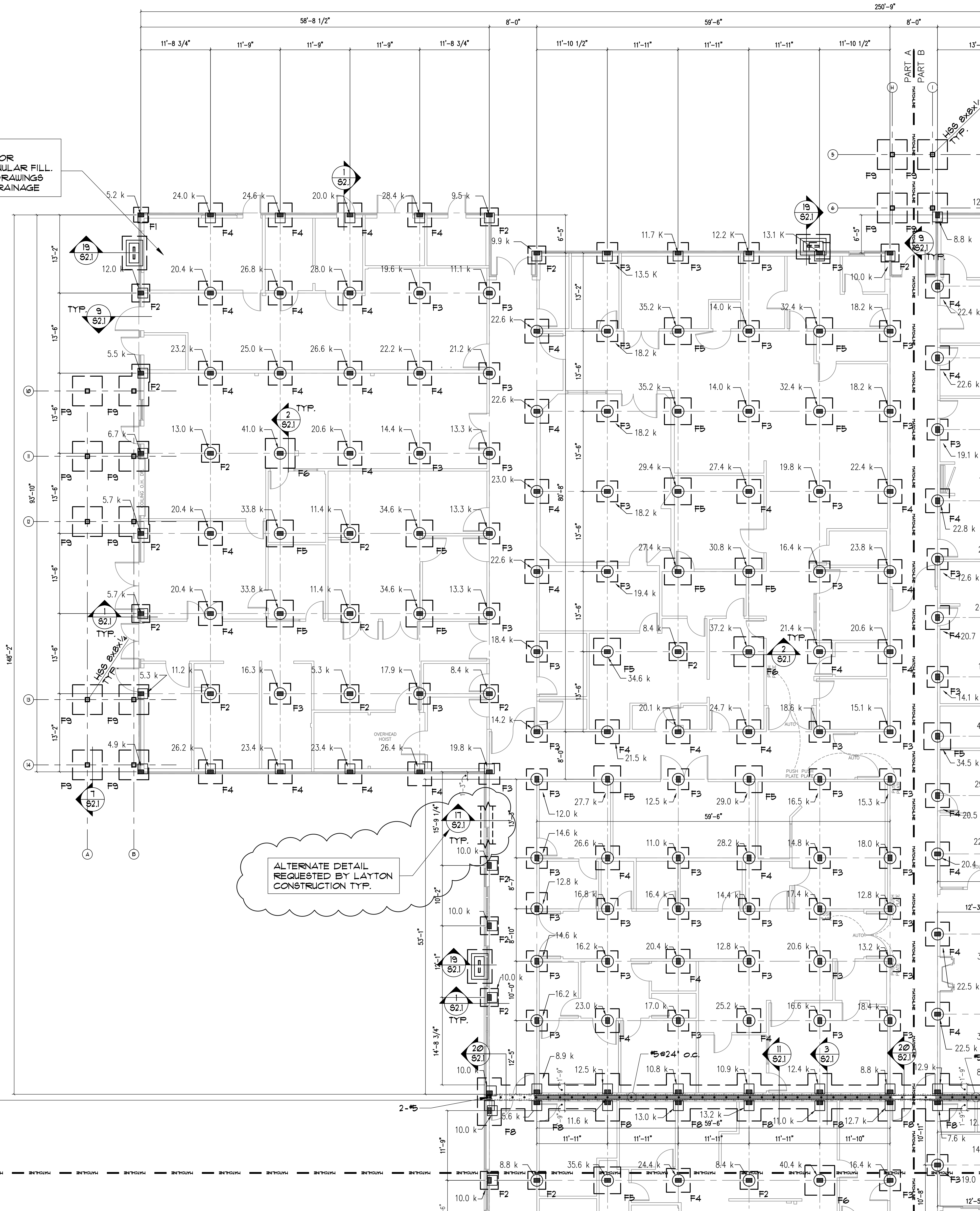
1. Structural – Refer to attached reissued sheets S1.1A, S1.1B, S1.1C and S1.1D, dated 4/13/12.

ADDENDUM NO. 2

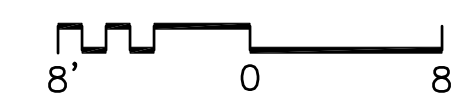
List of Enclosures:

1. 10166.pdf

IN CRAWLSPACE:
15 MIL. POLYOLEFIN VAPOR
BARRIER OVER 4" GRANULAR FILL.
SEE PLUMBING & CIVIL DRAWINGS
FOR UNDER BUILDING DRAINAGE

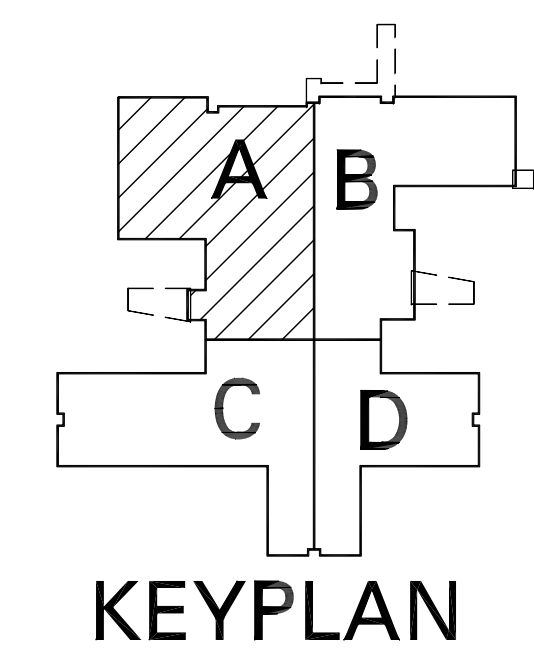


FOUNDATION PLAN - PART A



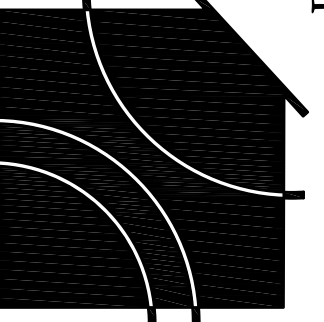
NOTES:

- 1) TOP OF FTG = FFE, -3'-0" U.N.C. (2'-0" BELOW UNDERSIDE OF STRUCTURE.)
- 2) THE CONTRACTOR SHALL COORDINATE ANY UNDER SLAB PIPING, CONDUITS OR ANY UTILITIES PRIOR TO PLACING FOOTINGS. REPORT ANY CONFLICT TO ENGINEER IMMEDIATELY.
- 3) SEE ARCH. DWG FOR ANY LOCATIONS AND OR DIMENSIONS NOT SHOWN.
- 4) DOWELS SHOWN ON PLANS INDICATE GROUT FILLED REINFORCED CORES. (SEE DETAIL 12/S2.1)



PART A
PART C

DEJA



A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska

David E. Johnson
Architect

455 Trousdale Drive
Nashville, TN 37204
Tel: 615.837.0656
Fax: 615.837.0657



4-13-2012

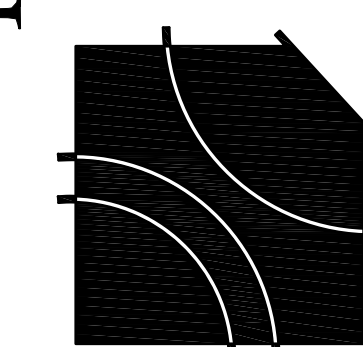
EMC
STRUCTURAL ENGINEERS, P.C.
4525 Trousdale Drive
Nashville, Tennessee 37204
(615) 721-8139
(615) 781-4088 (fax)

PROJECT NUMBER
10528.00
DATE
March 28, 2012

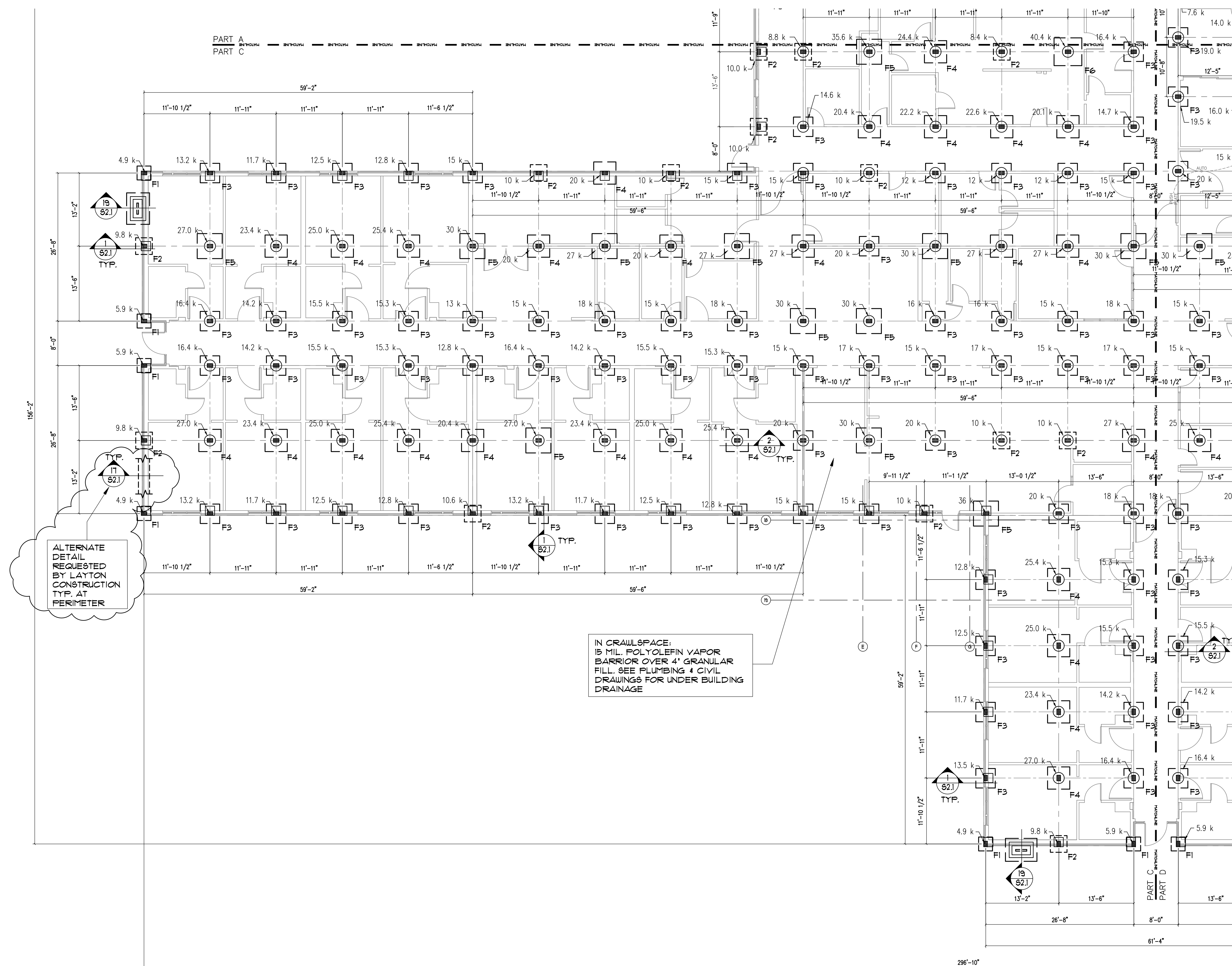
S1.1A

FOUNDATION PLAN-PART A

DEJA

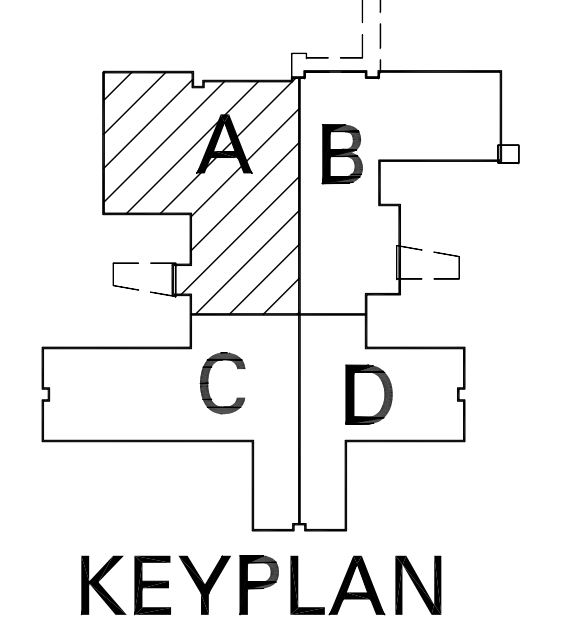


A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska



FOUNDATION PLAN - PART C

- NOTES:
- 1) TOP OF FTG.+FFE. -3'-0" UNO. (2'-0" BELOW UNDERSIDE OF STRUCTURE.)
 - 2) THE CONTRACTOR SHALL COORDINATE ANY UNDER SLAB PIPING, CONDUITS OR ANY UTILITIES PRIOR TO PLACING FOOTINGS. REPORT ANY CONFLICT TO ENGINEER IMMEDIATELY.
 - 3) SEE ARCH. DUG FOR ANY LOCATIONS AND OR DIMENSIONS NOT SHOWN.
 - 4) DOUELS SHOWN ON PLANS INDICATE GROUT FILLED REINFORCED CORES. (SEE DETAIL 12/82.1)



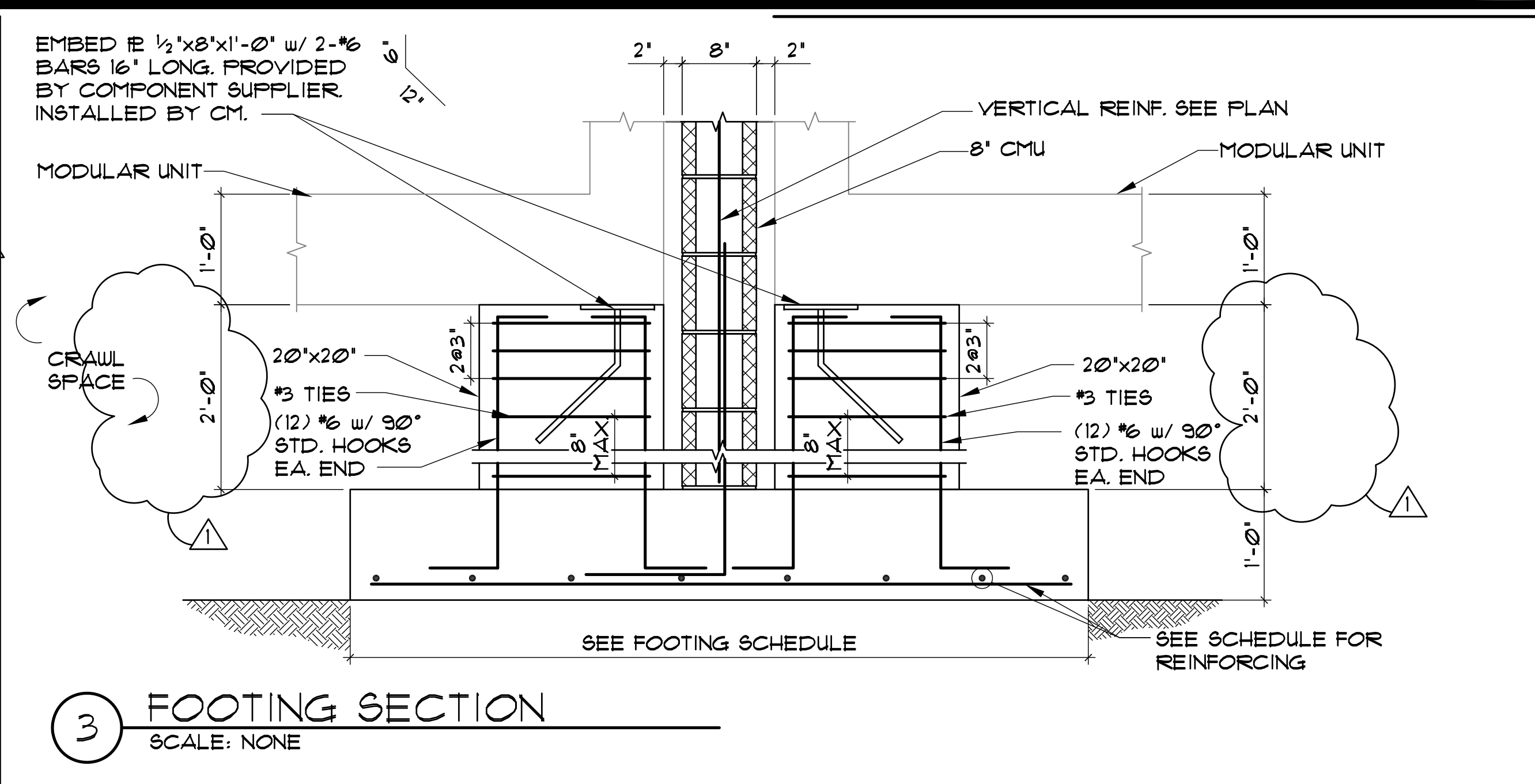
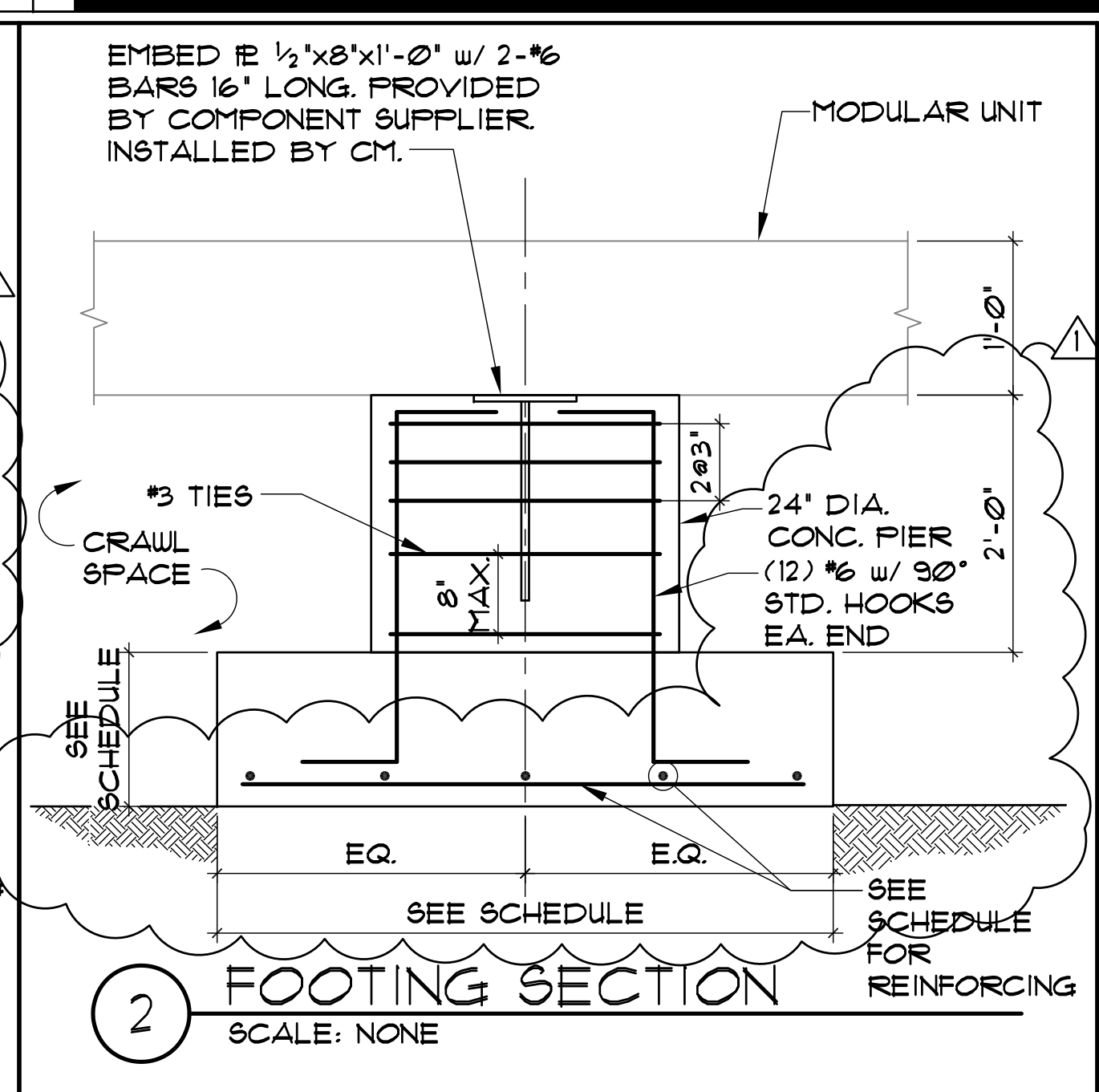
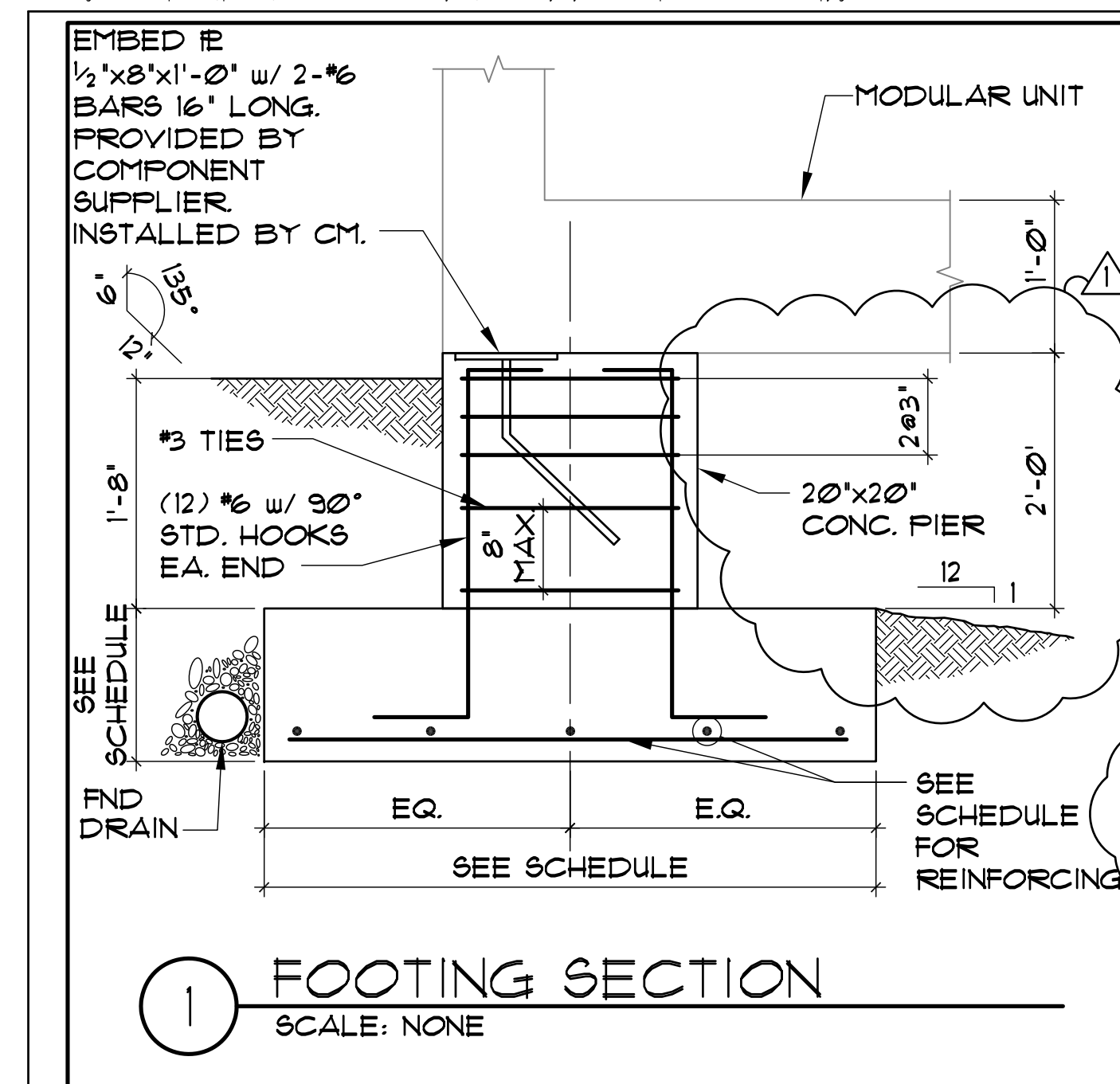
4-13-2012

EMC
STRUCTURAL ENGINEERS, P.C.
4525 Trousdale Drive
Nashville, Tennessee 37204
(615) 781-4088 (Fax)

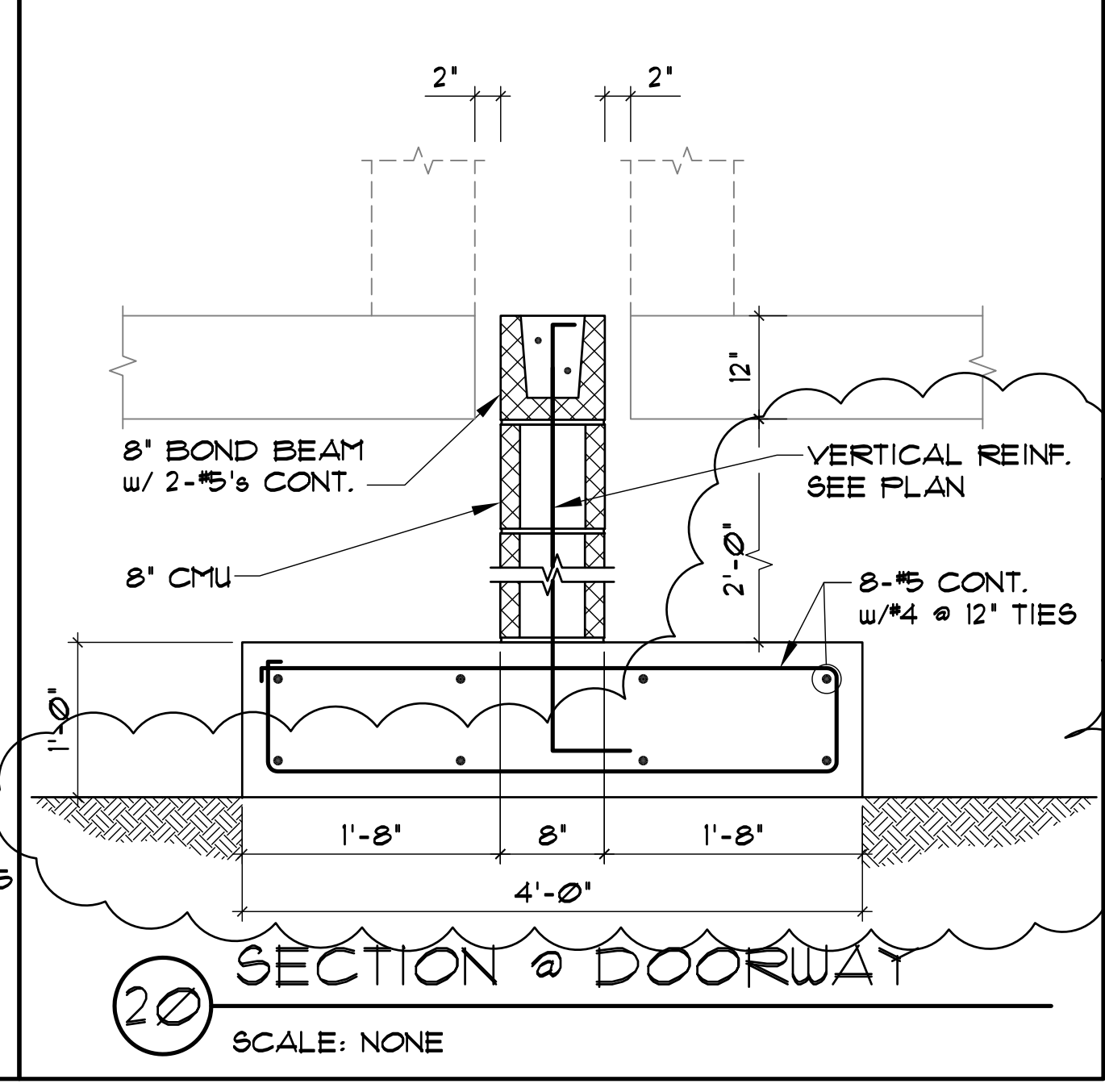
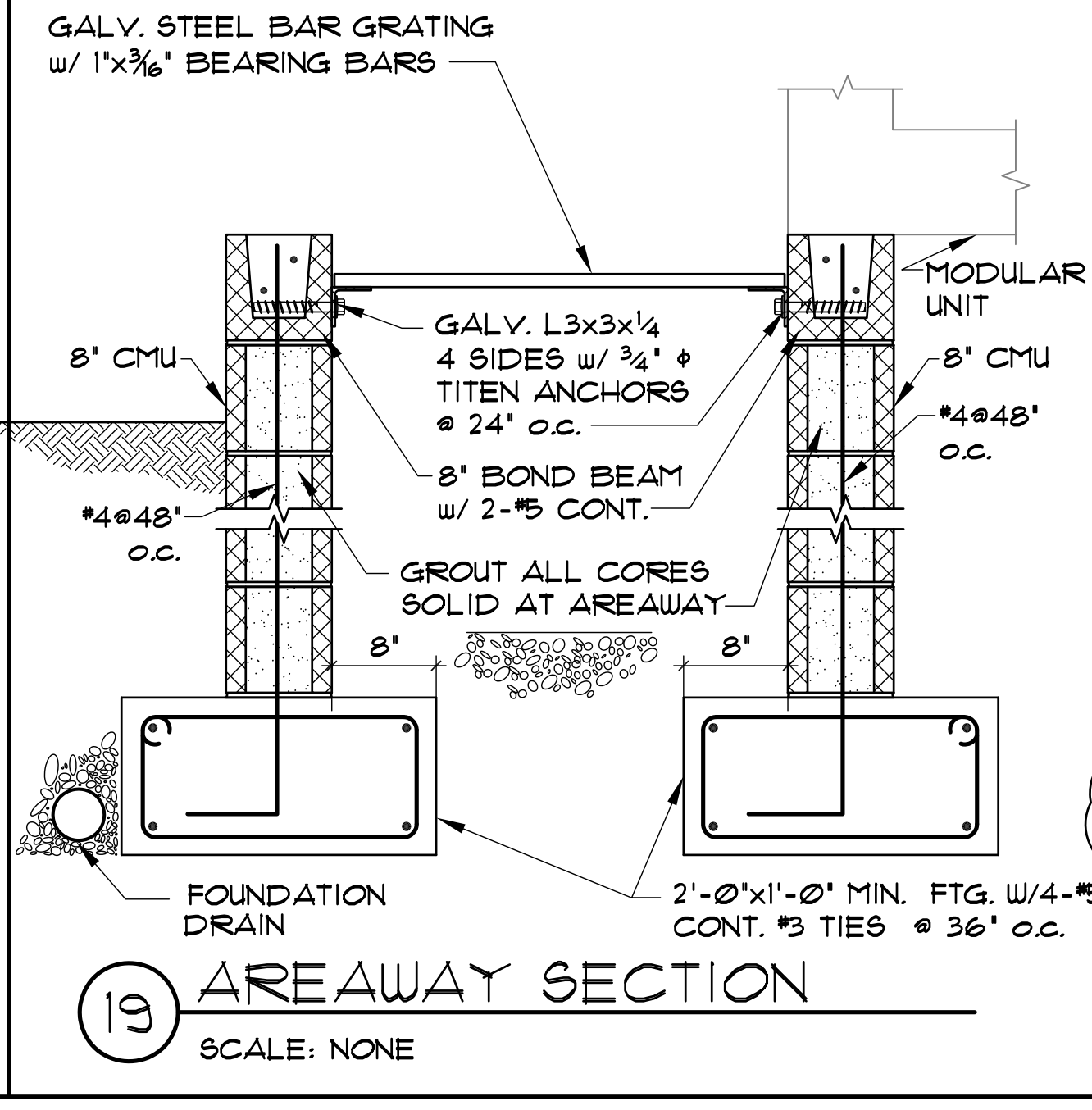
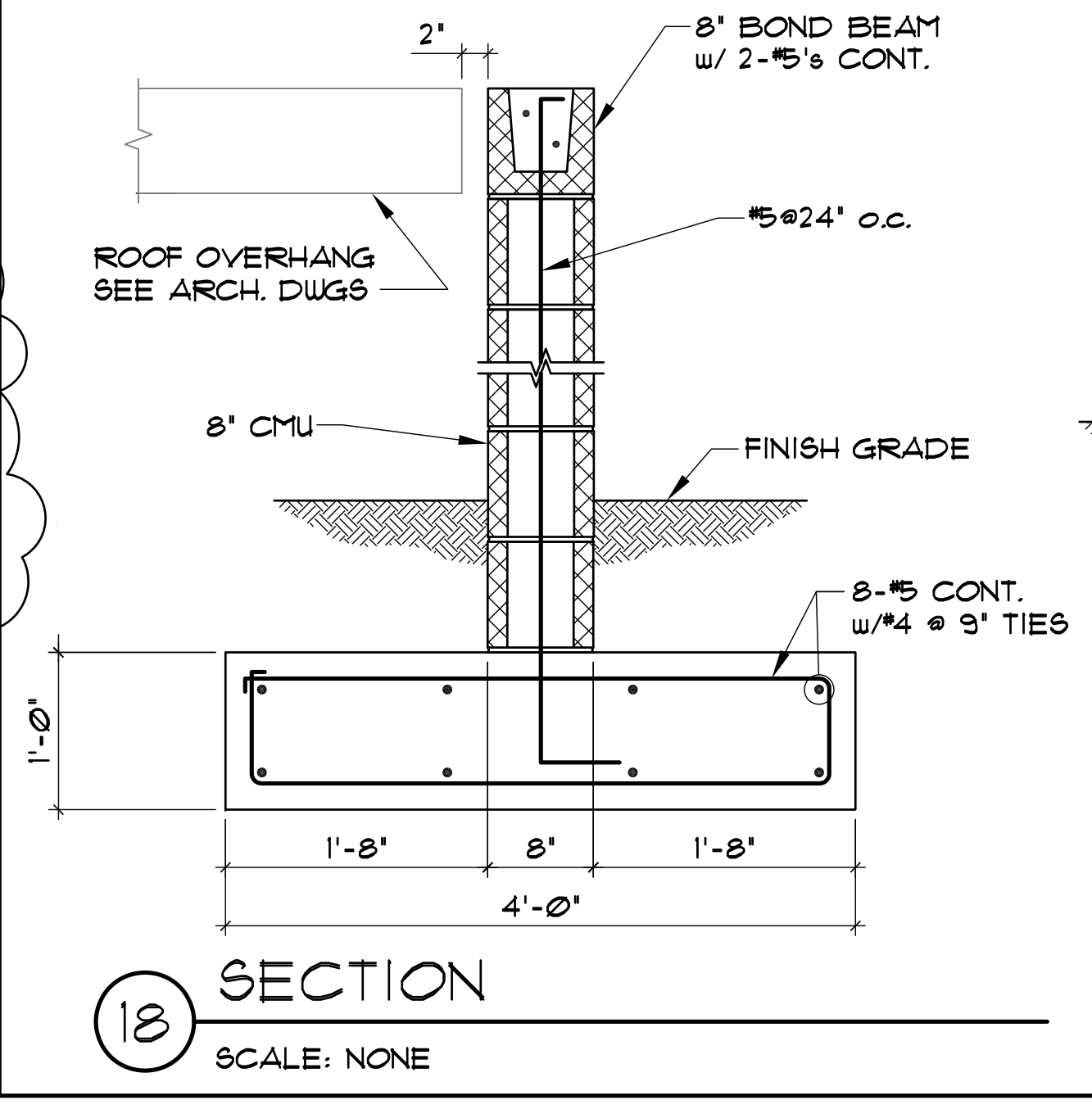
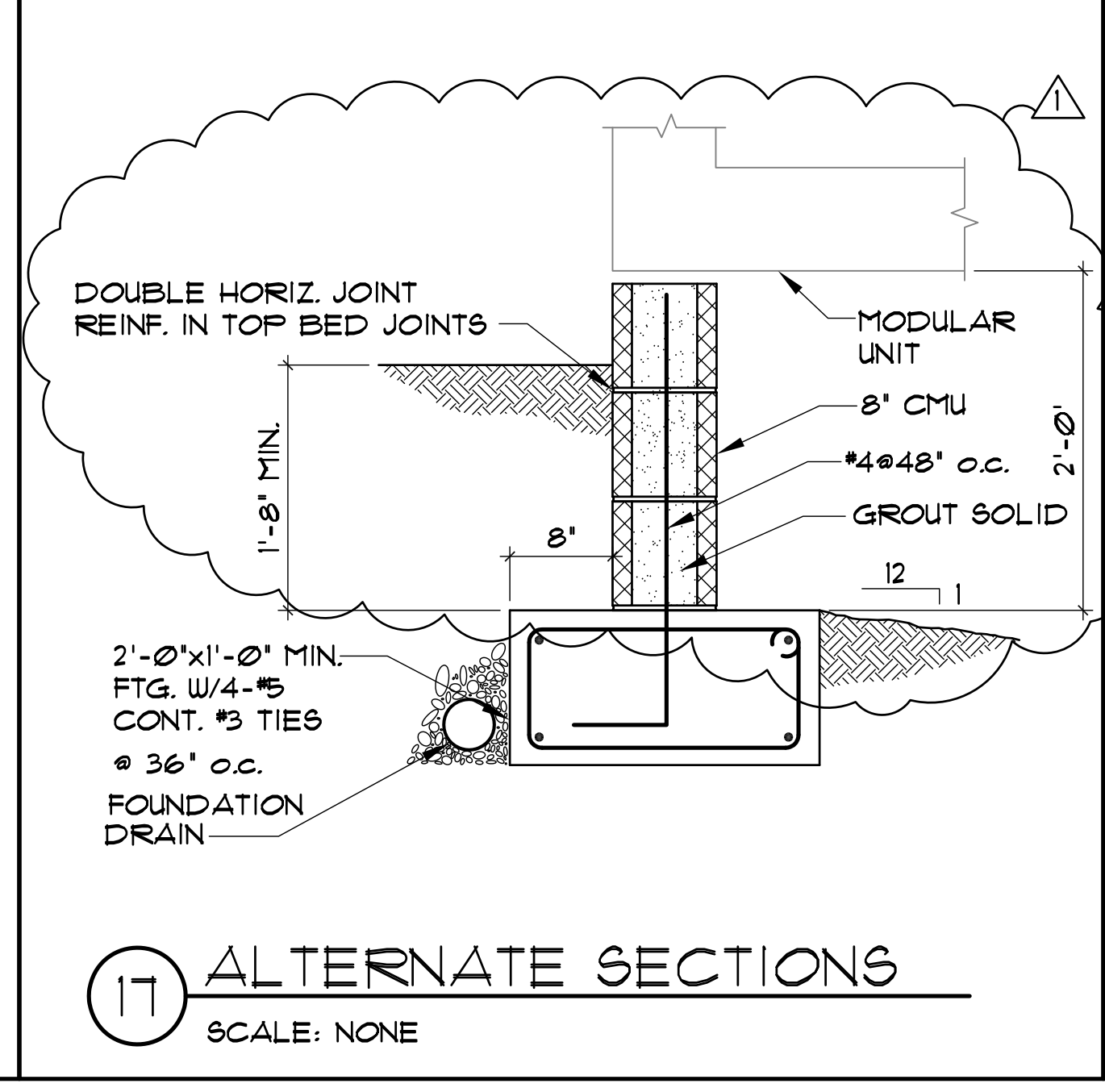
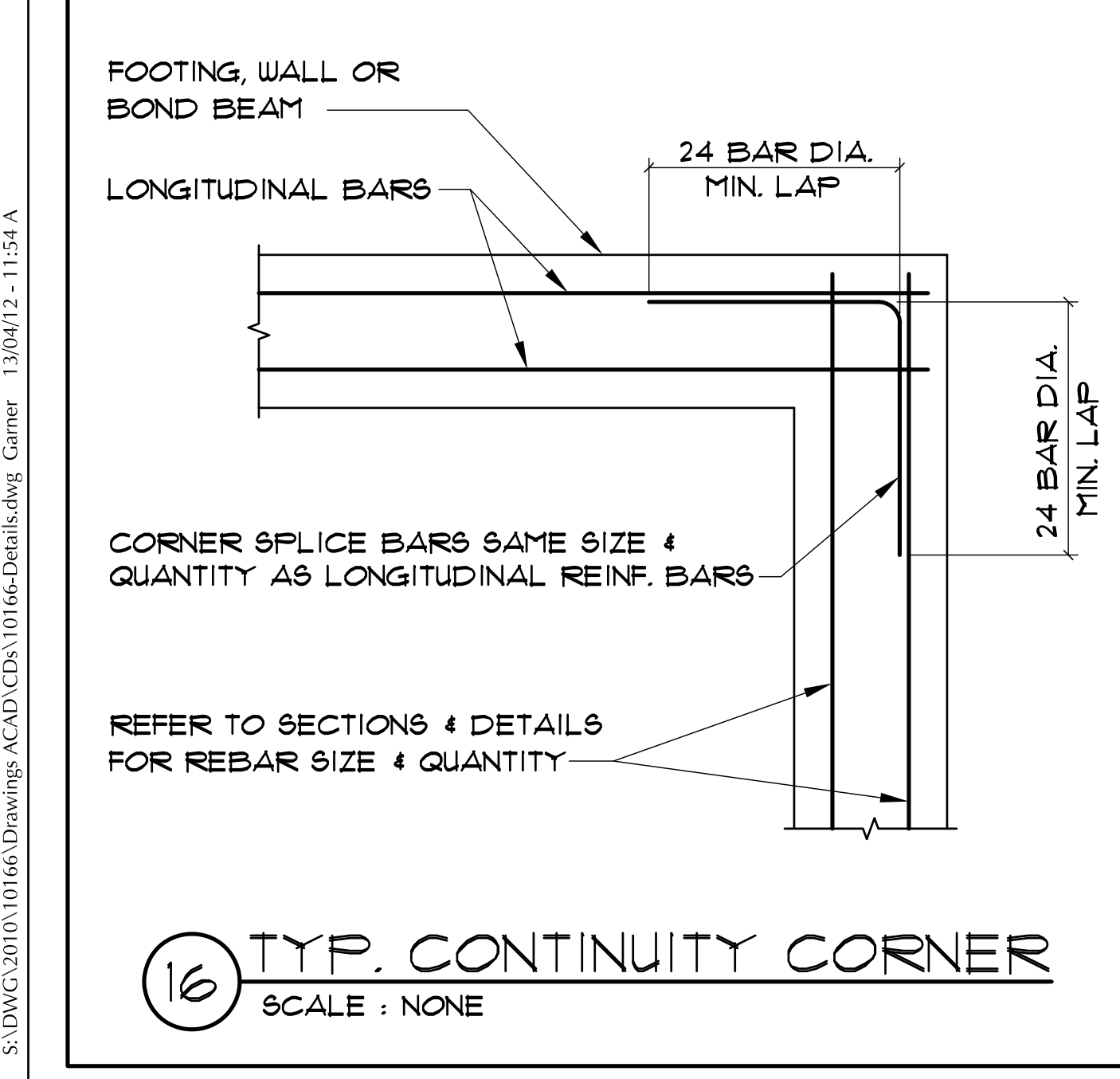
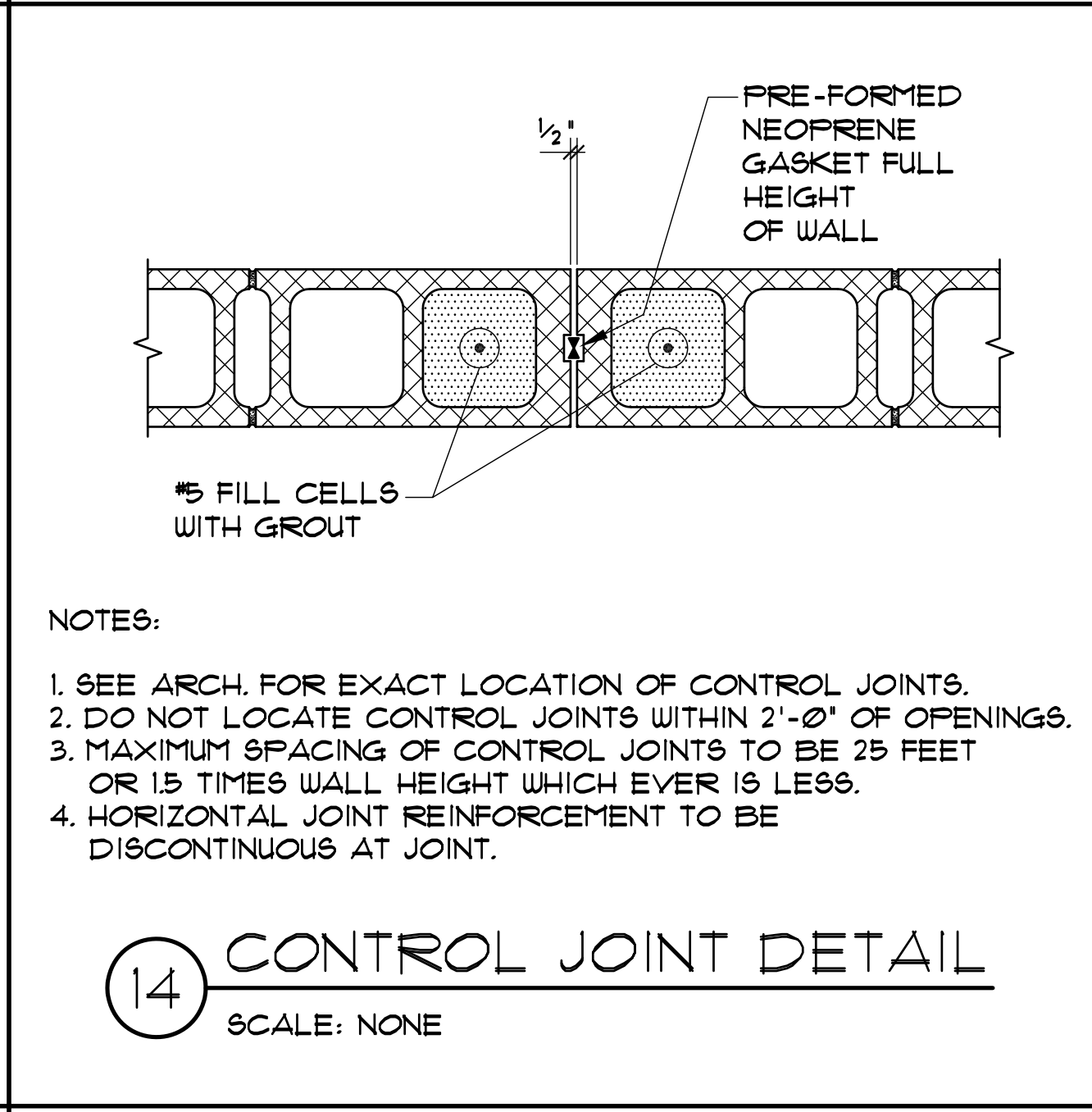
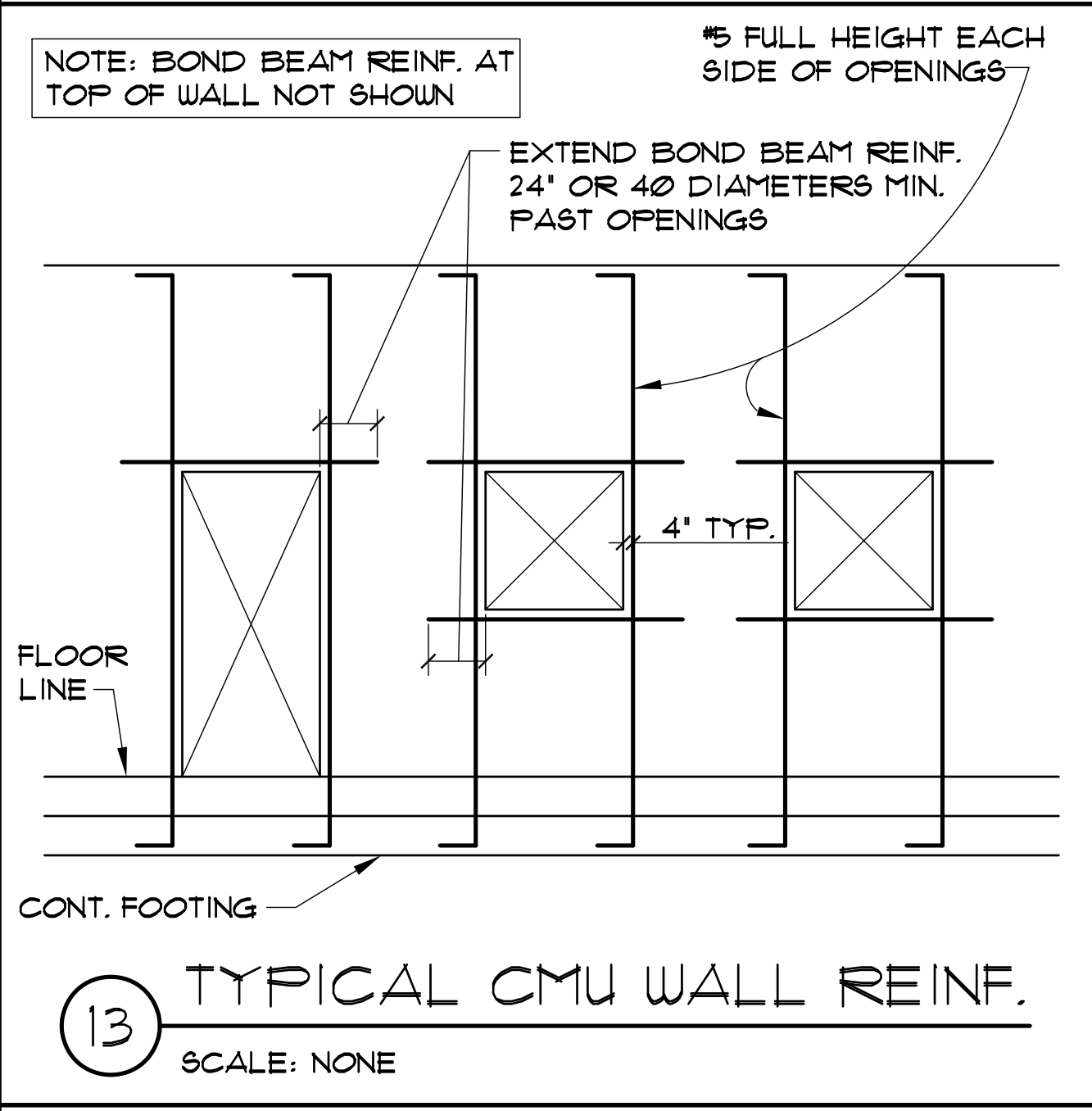
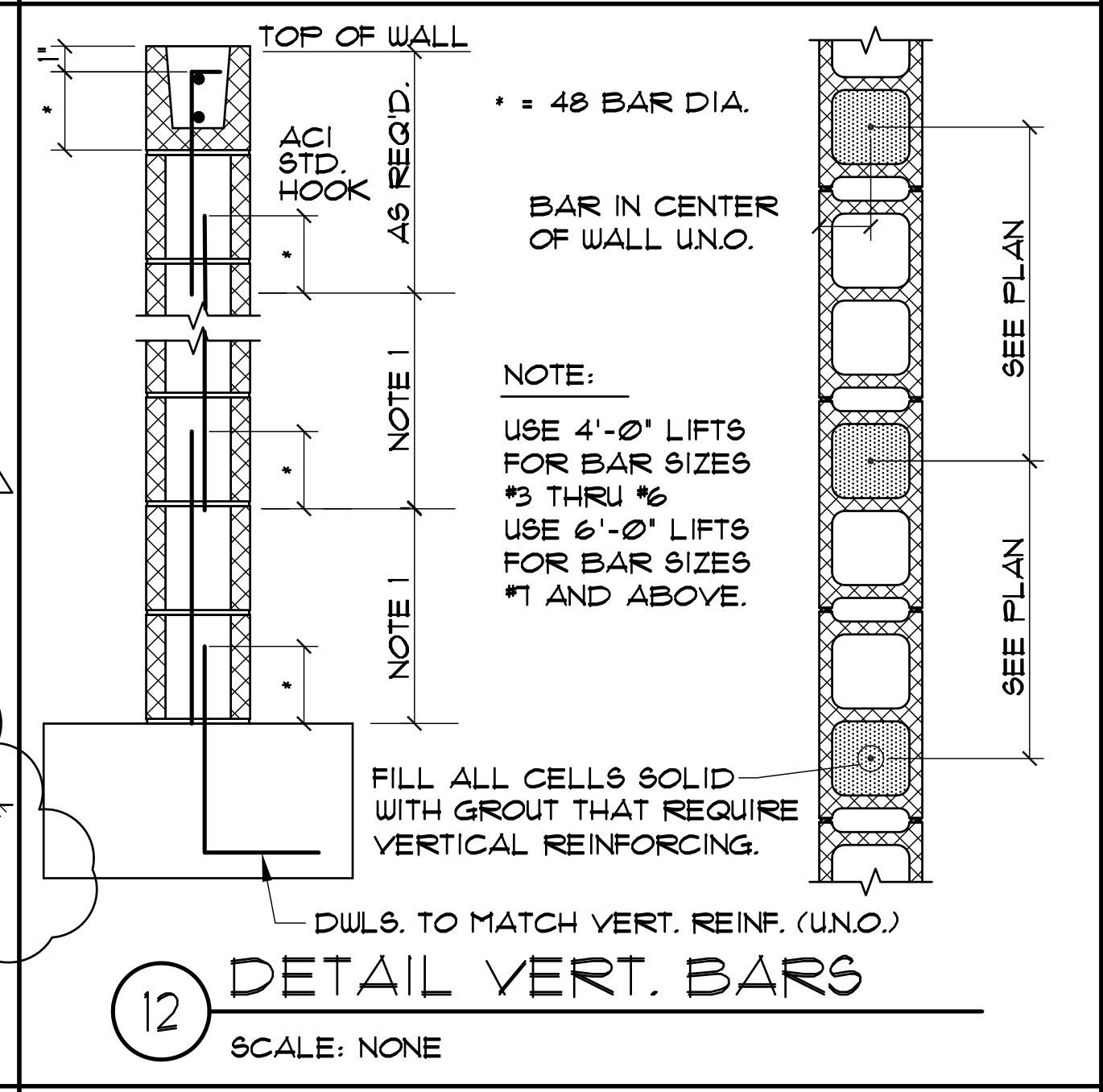
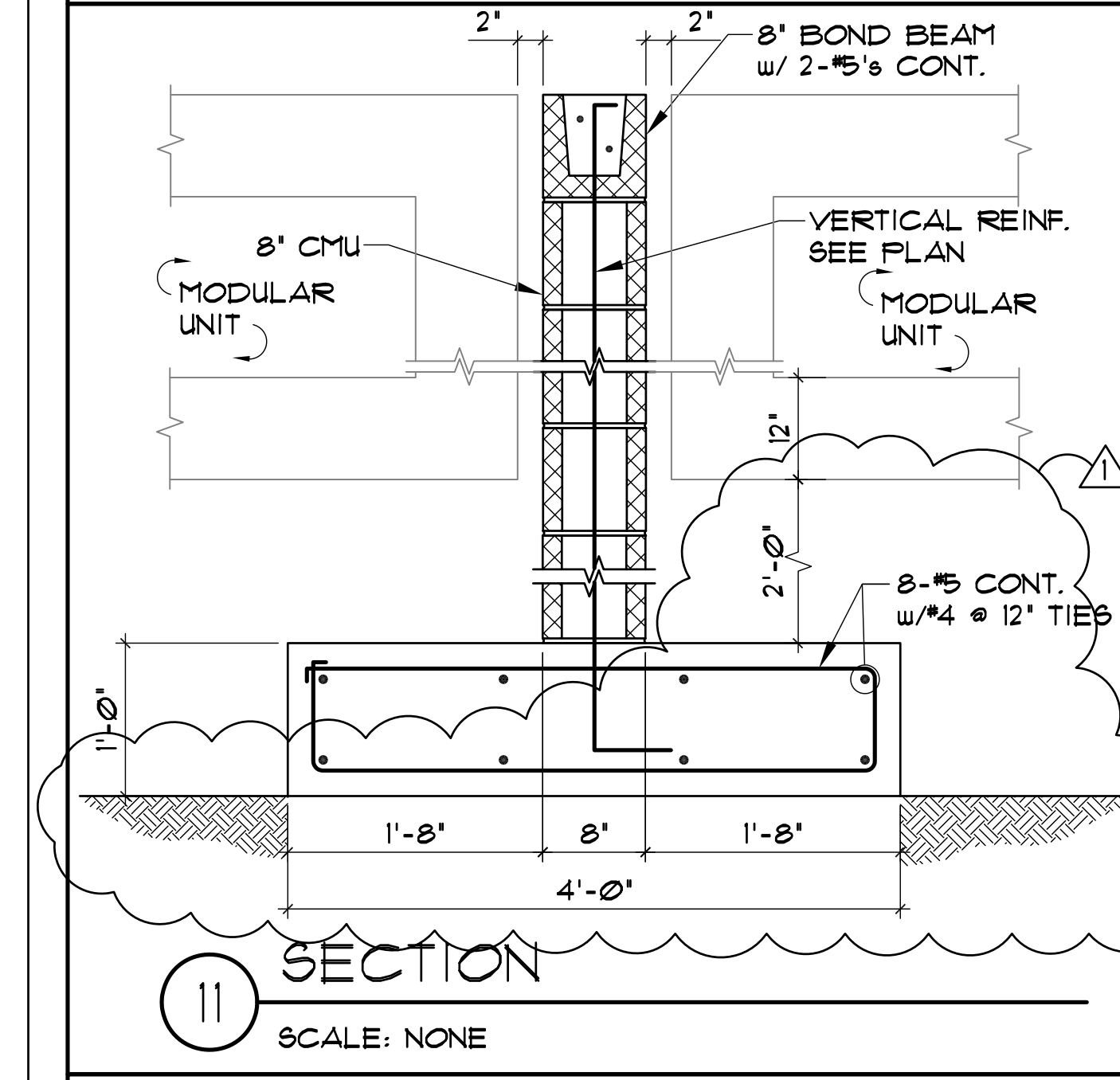
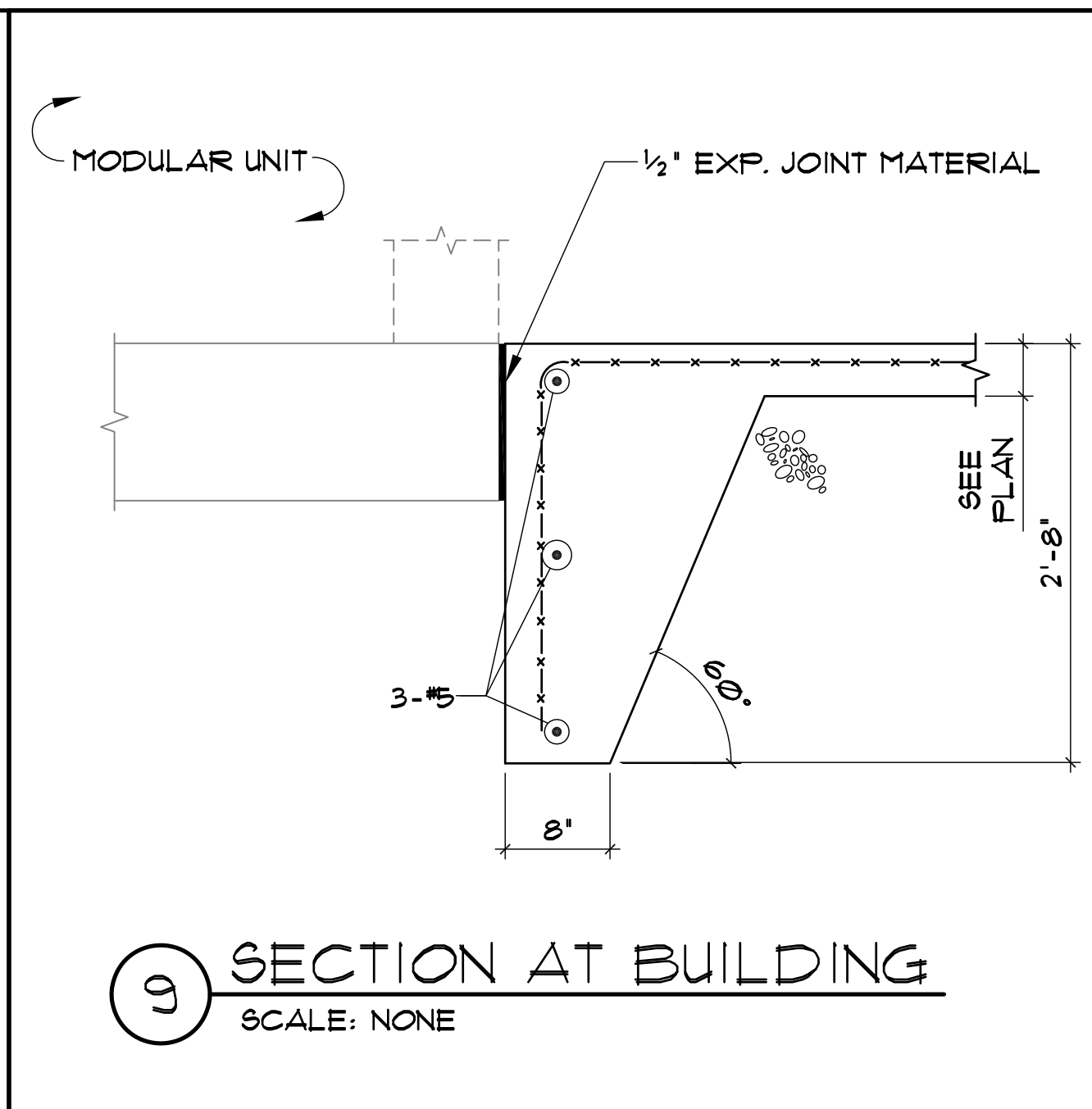
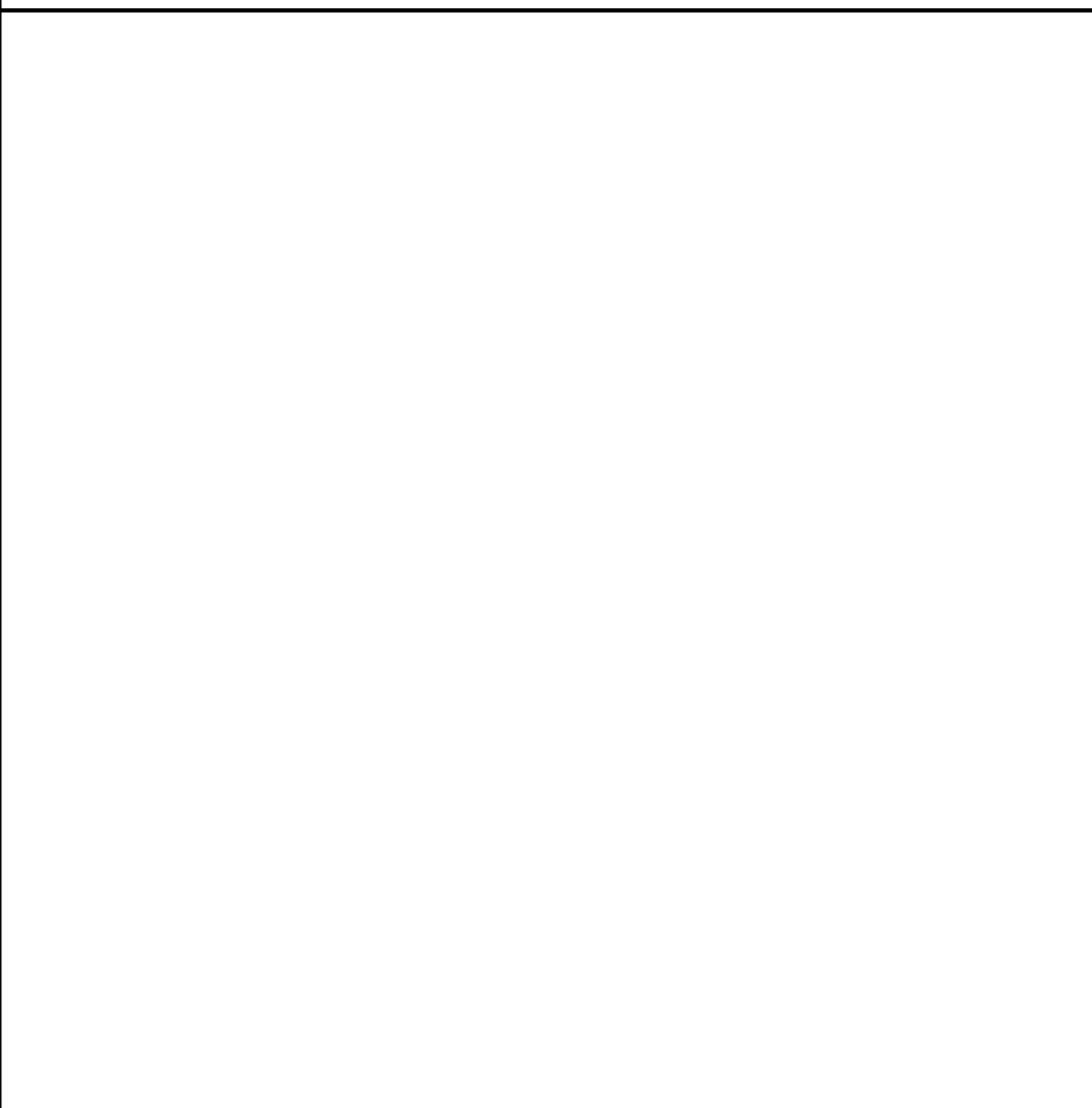
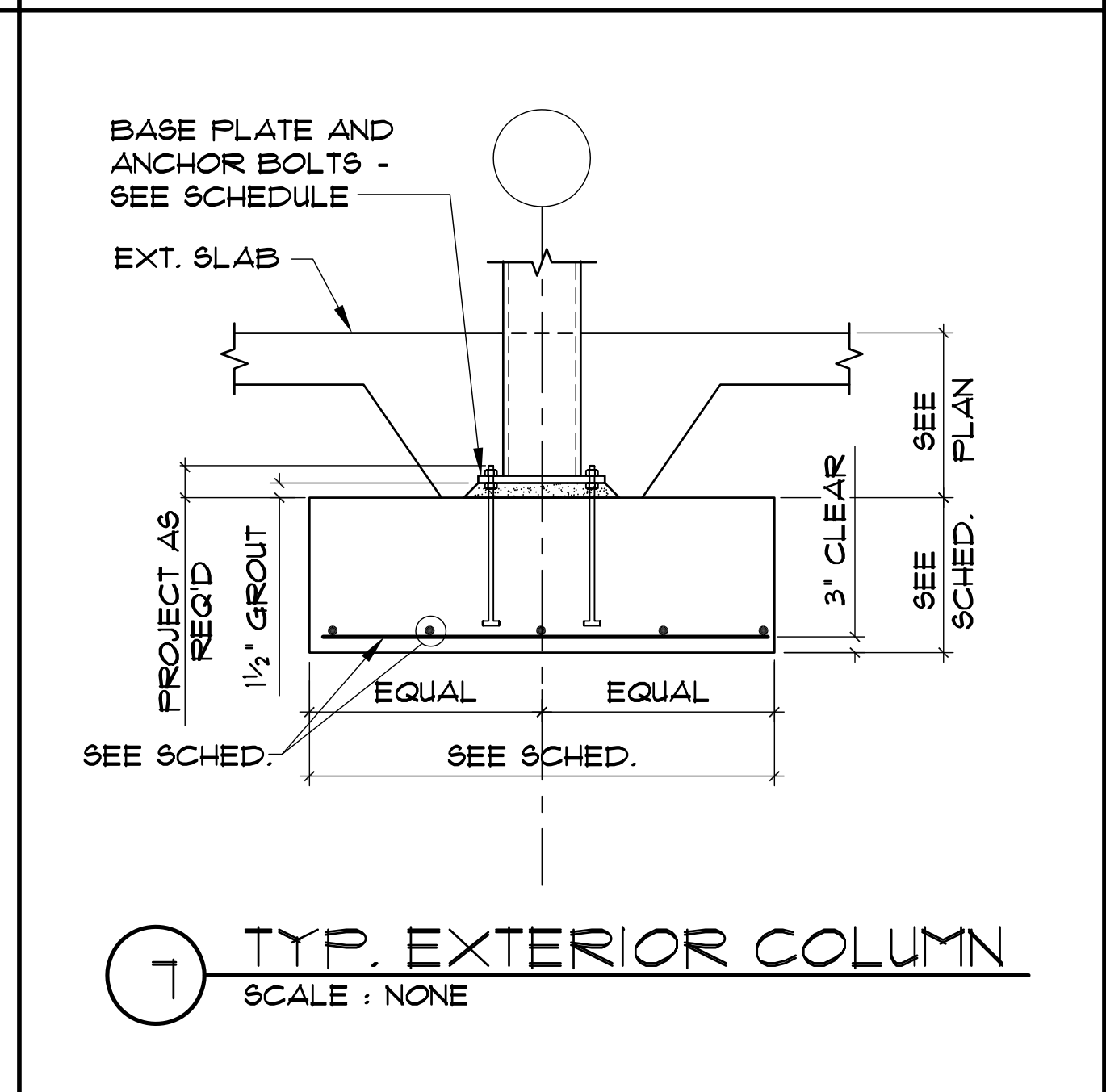
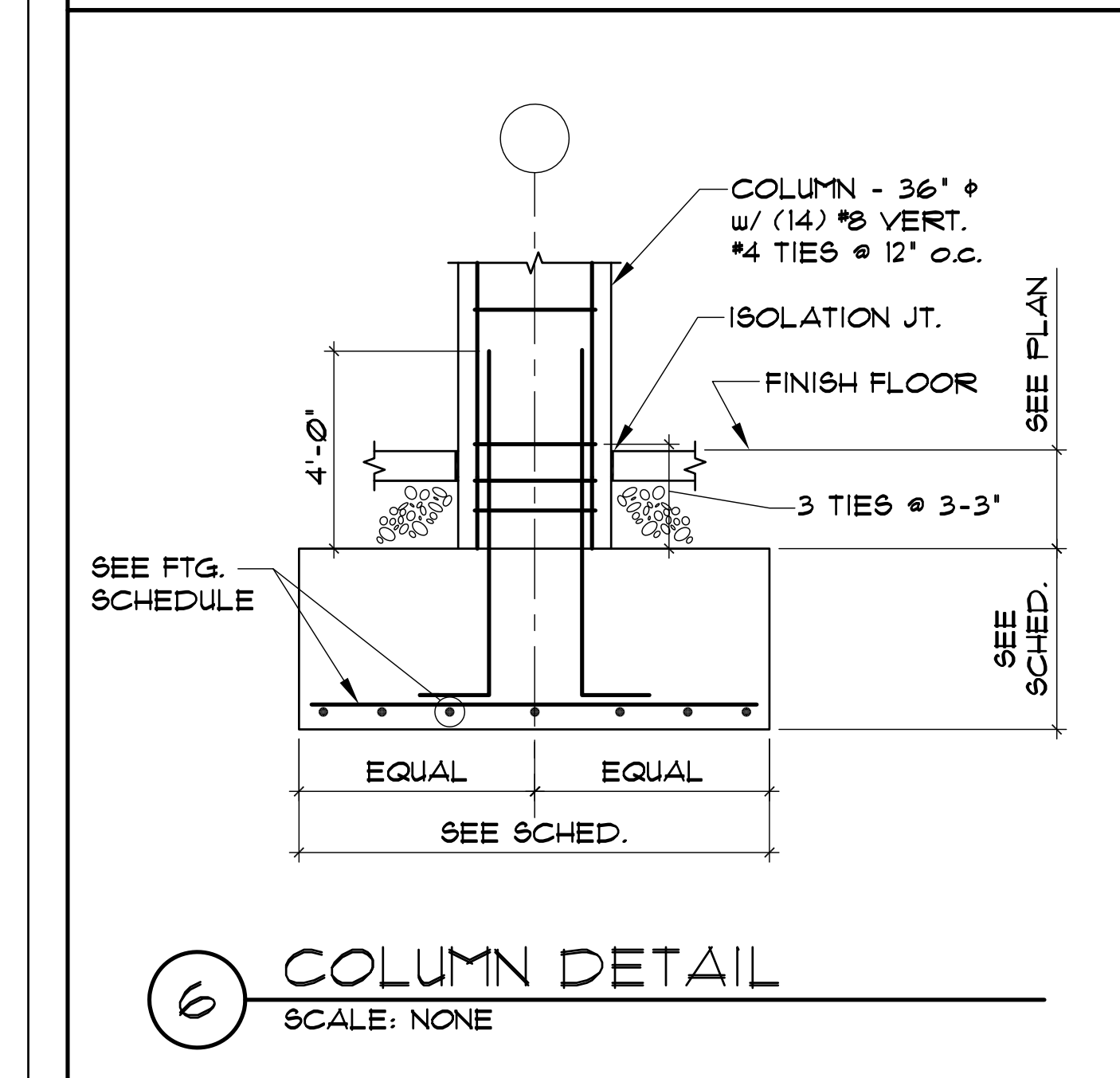
PROJECT NUMBER
10528.00
DATE
March 28, 2012

S1.1C

FOUNDATION PLAN-PART C



MARK	SIZE	REINF.	REMARKS
F1	2'-6"x2'-6"x1'-0"	4-#5 EW.	
F2	3'-0"x3'-0"x1'-0"	5-#5 EW.	
F3	3'-6"x3'-6"x1'-0"	6-#5 EW.	
F4	4'-0"x4'-0"x1'-0"	6-#5 EW.	
F5	4'-6"x4'-6"x1'-0"	7-#5 EW.	
F6	5'-0"x5'-0"x1'-0"	7-#5 EW.	
F7	5'-6"x5'-6"x1'-0"	8-#5 EW.	
F8	8'-0"x4'-0"x1'-0"	5-#5 LONG DIR 3-#5 SHORT DIR	TOP & BOTTOM
F9	5'-0"x5'-0"x1'-4"	6-#5 EW.	TOP & BOTTOM
F10	8'-0"x8'-0"x1'-6"	10-#5 EW.	TOP & BOTTOM



DEJA
A Replacement Facility for
Wrangell Medical Center
Wrangell, Alaska



4-13-2012
EMC
STRUCTURAL ENGINEERS, P.C.
4525 Trousdale Drive
Nashville, Tennessee 37204
(615) 781-4199
(615) 781-4288 (fax)

PROJECT NUMBER
10528.00
DATE
March 28, 2012

S2.1
SECTIONS AND DETAILS

DEJA

Memorandum

Date: 4/13/2012

To: All Plan Holders

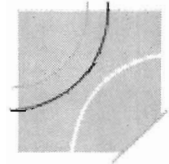
Cc:

From: Julia Covington - DEJA

Project: Wrangell Medical Center (10528.00) - Replacement Facility (00)

Owner Project #:

Subject: Addendum #2 - Volume 3 State Fire Marshal Review Set



ADDENDUM NO. 2

Volume 3

State Fire Marshal Review Set – Architectural and MPE
Wrangell Medical Center
Wrangell, Alaska

David E. Johnson Architect

Project No. 10528.00

April 13, 2012

This Addendum forms a part of the Contract Documents and modifies the original State Fire Marshal Review Set, dated March 21, 2012, as noted below.

This Addendum consists of two (2) pages and zero (0) attachments.

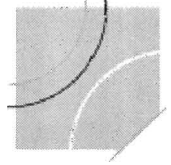
CLARIFICATIONS:

1. Drawings indicate operable windows within patient rooms. These are being changed to fixed units. There are no operable windows within the project.
2. All Patient Room Toilets shall have a 1" slab recess to allow for the room to slope to the drain and help eliminate any issues with water flowing out of the room.
3. Sheet FP1.1 indicates a dry pipe system for 2 canopies. None of the canopies are required to be sprinklered.
4. The emergency generator along with louvers, daytank exhaust requirements and fuel piping within the building proper shall be included in the Component Contractor scope of work.
5. Shop drawings with panelboard locations dimensioned shall be provided to the Construction Manager, from the Component Contractor, for rough-in of feeders as shown on the power riser diagram. Panels receiving feeders form below shall be provided with bottom lugs or main breakers. Final termination of feeder conductors (shown dashed on reissued riser diagram, dated 4/13/12) which are run in crawl space between panels shall be by Construction Manager's Electrical Sub-Contractor. All panels and feeders indicated solid, on same document, shall be by the Component Contractor.
6. The crawls space ventilation system including exhaust fans duct and louvers in the perimeter wall will be a part of the ERP performed by the General Contractor.
7. The fuel oil tank and underground piping stubbed underneath the future generator along with electrical conduits will be a part of the ERP performed by the General Contractor.

4/13/2012

Addendum #2 - Volume 3 State Fire Marshal Review Set

Page 2



SPECIFICATION CHANGES:

1. Section 07-4113 – Metal Roof Panels
 - a. Section 2.2 – Metals Sales Manufacturing Corporation is an approved substitution.

2. Section 09-9100 – Painting
 - a. Section 2.2 – Rodda Paint Co. is an approved substitution.

ADDENDUM NO. 2