

Department of Transportation

Pierre Region Office

104 S. Garfield – Bldg. A

Pierre, South Dakota 57501-5405 605/773-3464

FAX: 605/773-6215

NOTICE TO CONTRACTORS

September 1, 2015

TO: INTERESTED BIDDERS

**RE: Project 410C291 (T2215—22X/DEL)
Reliance Equipment Shed
Lyman County at the Reliance DOT Maintenance Yard**

The South Dakota Department of Transportation (SDDOT) desires to solicit bids for the above referenced project.

A copy of the plans/proposals may be downloaded from the SDDOT Regional Letting website at the following location: <http://sddot.com/business/contractors/bid/region/Default.aspx> or may be obtained in paper format by contacting the Pierre Region Office at 605-773-3464. Contractors that didn't receive this invitation by mail, but downloaded the bidding documents from the website, are encouraged to let the Pierre Region Office know of their intent to bid on this project so that we can get them added to the plan holders list.

The Department of Transportation in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4, and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on grounds of race, color, sex, religion or national origin in consideration of an award.

Any addenda will be posted on the regional letting website no later than **5:00 P.M. Central Time on Friday, September 11, 2015**. It will be the Contractor's responsibility to verify that no addenda have been posted prior to submitting bids. Every addenda posted on the website will have a cover sheet attached to it that the contractor will be required to include with their bid. Failure to incorporate changes made through addenda and not submitting all cover sheets will result in an incomplete bid which will subsequently be rejected.

Each bid in excess of \$50,000 must be accompanied by a bid bond, certified check, cashier's check, or bank draft for NOT LESS THAN FIVE (5) PERCENT OF THE TOTAL AMOUNT OF THE BID. If an electronic bid bond is used, the Contractor is required to submit the bid bond identification number with the bid. Except for the lowest bidder on the project, all guarantees will be returned immediately following the receipt and checking of all bids.

At the time of execution of the contract, the successful bidder shall furnish a performance bond in a sum equal to the full amount of the contract. Note: A cashier's check, money order or other monetary instrument in the total amount of the contract, made out to and under the full control of the Department is acceptable in lieu of a performance bond. Such bond shall remain in effect for not less than one year after date of acceptance of the completed contract by the Department.

A Certificate of Insurance will be required from the successful bidder prior to beginning work on this project.

Sealed bids for the contract will be accepted by the **South Dakota Department of Transportation, 104 S. Garfield – Bldg. A, Pierre, SD 57501-5405**, or may be hand delivered to the **Pierre Region Office – Bldg. A** until **2:00 P.M. Central Time on Wednesday, September 16, 2015**, and will be opened at that time in the **Pierre Region Office – Bldg. A**. Bids must be received in an envelope with "**Reliance Equipment Shed**" written on the outside. Be sure to have all required forms signed and notarized as indicated on the forms as failure to do so will result in an incomplete bid. No faxed bids will be accepted.

Please verify that all required information is complete prior to mailing bid documents.

The SDDOT reserves the right to reject any and all bids.

Questions regarding the plans/proposal should be directed to:

Jim Hyde at 605-773-3464 – Operations Engineer

Respectfully,

DEPARTMENT OF TRANSPORTATION

John C. Forman, P.E.
Pierre Region Engineer

cc: B. Moore - Operations
D. Sherman, T. Huffman – Winner Area
Project File

CONTRACT PROPOSAL

CODE	PROJECT			MAINT UNIT	CONTROL REFERENCE	AFE	FUNCTION	BEGIN MRM	END MRM
	PRE	ROUTE	AGR						
4	10	C291							

CITY AND/OR COUNTY: LymanBUDGET SOURCE: FY16 Building M & I Budget

FINALS ENGINEER REVIEW REQUIRED:

☐ YES☒ NO

REGION MATERIALS CERTIFICATION REQUIRED:

☐ YES☒ NO

CERTIFIED INSPECTORS/TESTERS REQUIRED:

☐ YES☒ NO

TO BE INSTALLED ON CM&P:

☐ YES☒ NO

TYPE, PURPOSE AND LOCATION OF WORK: To construct a Equipment Shed and to tear down existing cold storage building at the Reliance DOT Maintenance Yard (T2215--22X/DEL).

ESTIMATE OF QUANTITIES AND COST

BID ITEM NUMBER	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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BASE BID

	Reliance Equipment Shed	LUMP SUM	LS	LUMP SUM	
* TOTAL BASE BID					

ADD ALTERNATE NO. 1

	Incidental Work	LUMP SUM	LS	LUMP SUM	
* TOTAL ADD ALTERNATE NO. 1					

SUM OF BASE BID AND ALTERNATE NO. 1

* COMBINED BID TOTAL					
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* The Contractor shall state on their proposal the amount to be added to the Base Bid under the Add Alternate No. 1 for the removing the existing damaged cold storage building as specified (Refer to Incidental Work plan notes for details). The base and alternative bids shall then be summed for a combined bid total. If the base bid is within the amount of funds available to finance the construction contract and the Owner wishes to accept the alternate additive bid, then contract award will be made to that responsible bidder submitting the low combined bid, consisting of the base bid plus the alternative additive bid. Under this procedure, if the Owner wishes to make award on low base bid only, then contract award will be made to that responsible bidder submitting the low base bid.

CONTRACTOR'S PROPOSAL STATEMENT

The undersigned does hereby agree to furnish the labor and/or material in the quantities, at the unit price, for the purpose, in the place and in accordance with attached provisions upon approval of this Proposal by the State Transportation Commission. This document becomes the Contract when signed by the Contractor and a Department of Transportation Representative. The Contractor agrees to provide services in compliance with the Americans with Disabilities Act of 1990. The Contractor agrees to provide a certificate of insurance prior to commencing work, for liability coverage for the duration of the work as per the current edition of the SDDOT Standard Specifications for Roads and Bridges.

PROPOSED START DATE _____

OVERALL COMPLETION DATE _____

December 18, 2015

SUBSCRIBED AND SWORN TO BEFORE ME THE

SIGNATURE _____

DAY OF _____, 20__

COMPANY _____

ADDRESS _____

NOTARY - My Commission Expires _____

FEDERAL TAX ID NUMBER _____

RECOMMENDED FOR APPROVAL:

CONSTRUCTION & MAINTENANCE ENGINEER_____
DATE_____
REGION ENGINEER_____
DATE_____
DIRECTOR OF OPERATIONS_____
DATE

CONTRACT PROPOSAL

CODE	PROJECT			MAINT UNIT	CONTROL REFERENCE	AFE	FUNCTION	BEGIN MRM	END MRM
	PRE	ROUTE	AGR						
4	10	C291							

APPROVED FOR THE TRANSPORTATION COMMISSION

NAME _____ TITLE _____ DATE _____

APPROVED as per Federal Highway Stewardship Provisions this _____ day of _____, 20__.

PROJECT DEVELOPMENT ENGINEER

NOTICE TO ALL BIDDERS

TO REPORT BID RIGGING ACTIVITIES, CALL: 1-800-424-9071

THE U.S. DEPARTMENT OF TRANSPORTATION (DOT) OPERATES THE ABOVE TOLL-FREE "HOTLINE" MONDAY THROUGH FRIDAY, 8:00 A.M. TO 5:00 P.M., EASTERN TIME. ANYONE WITH KNOWLEDGE OF POSSIBLE BID RIGGING, BIDDER COLLUSION, OR OTHER FRAUDULENT ACTIVITIES SHOULD USE THE "HOTLINE" TO REPORT SUCH ACTIVITIES.

THE "HOTLINE" IS PART OF THE DOT'S CONTINUING EFFORT TO IDENTIFY AND INVESTIGATE HIGHWAY CONSTRUCTION CONTRACT FRAUD AND ABUSE AND IS OPERATED UNDER THE DIRECTION OF THE DOT INSPECTOR GENERAL.

ALL INFORMATION WILL BE TREATED CONFIDENTIALLY AND CALLER ANONYMITY WILL BE RESPECTED.

* * * *

REV. 8/10/15

PROJECT(S): 410C291 (T2215—22X/DEL)

COUNTY(IES): Lyman

TYPE OF WORK: RELIANCE EQUIPMENT SHED

THE FOLLOWING ITEMS ARE INCLUDED IN THIS PROPOSAL FORM:

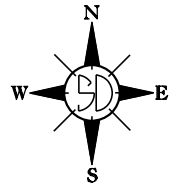
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PLANS FOR PROJECT – SHEET 1 THRU 9

RELIANCE EQUIPMENT SHED **SOUTH DAKOTA DEPARTMENT OF TRANSPORTATION** **RELIANCE, SOUTH DAKOTA** **PROJECT 410C291 (T2215—22X/DEL)** **AUGUST 2015**

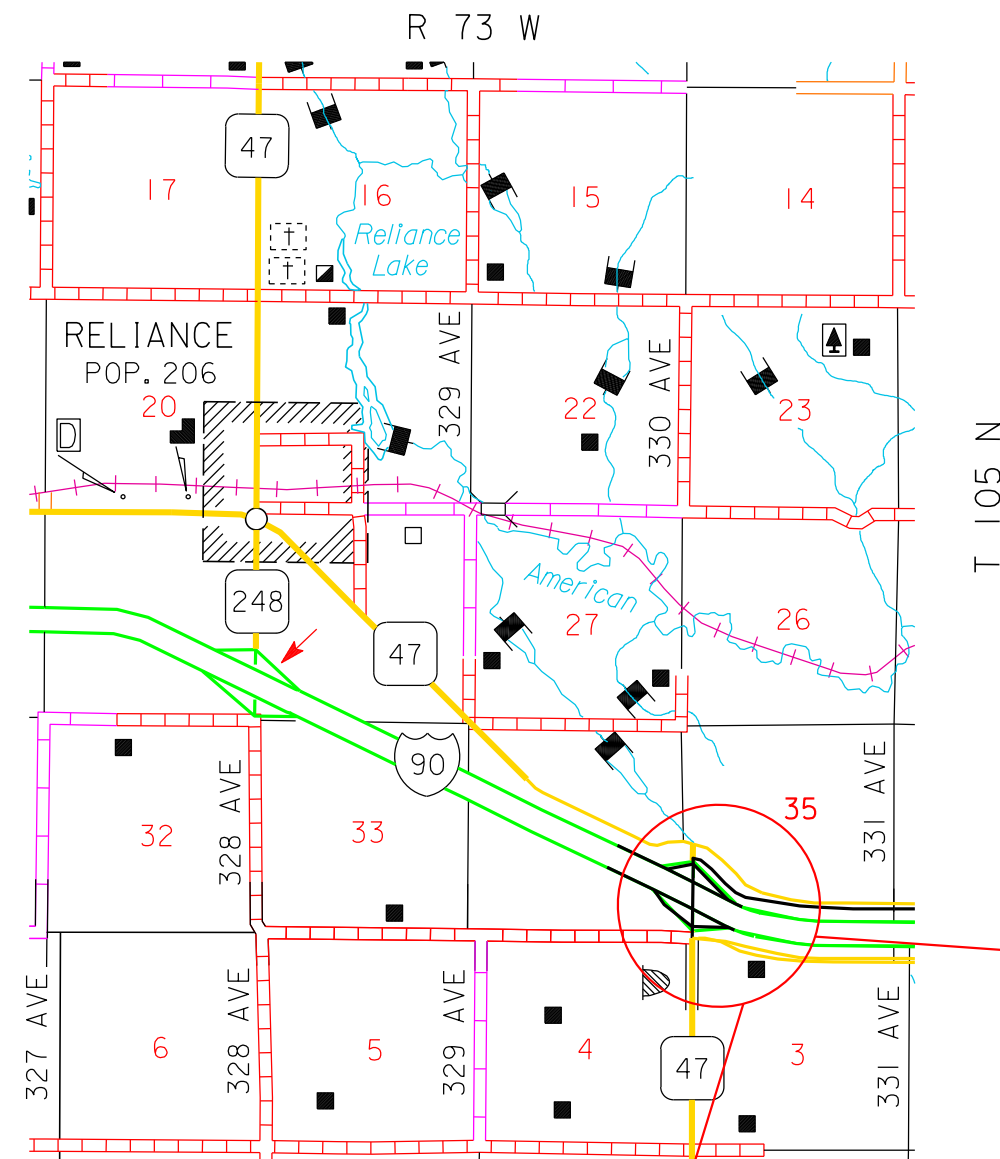
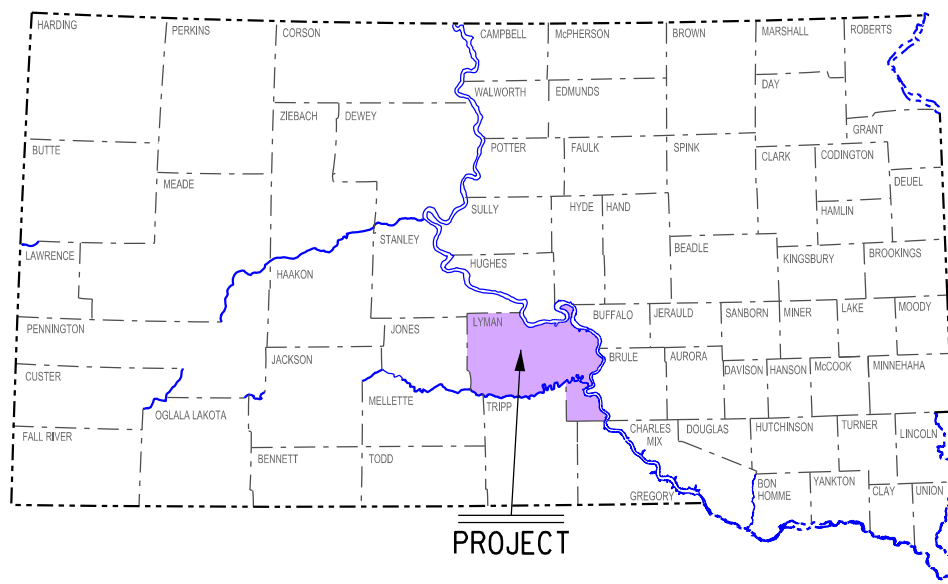
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	410C291	1	9

Plotting Date: 08/18/2015



INDEX OF SHEETS

Sheet	1	Layout Map & Index of Sheets
Sheets	2 - 3	Plan Notes
Sheet	4	Reliance Maintenance Yard
Sheet	5	Equipment Shed Layout
Sheet	6	Equipment Shed Detail
Sheet	7	Equipment Shed End Detail - Front View
Sheet	8	Equipment Shed Door Header Detail
Sheet	9	Pictures of Damaged Cold Storage Building



PROJECT SITE
Location of Reliance Maintenance Yard
(SW 1/4 - SEC. 35, T105N, R73W)



Plans Prepared By
State of South Dakota
Department of Transportation

SPECIFICATIONS

Standard Specifications for Roads and Bridges, 2015 Edition and Required Provisions, Supplemental Specifications, and Special Provisions as included in the Proposal.

PERMITS AND LICENSES

The Contractor will procure required permits and licenses; pay all charges, fees, and taxes; and give all notices necessary and incidental to the due and lawful prosecution of the work. The Contractor will include all charges, fees, and taxes in the contract.

GENERAL CONSTRUCTION NOTES

All project work shall be completed by December 18, 2015.

Owner (SDDOT) will place asphalt pad for building to be constructed on, as shown on the site layout.

The Owner (SDDOT) will stake rough location of the equipment shed.

The Contractor will be required to auger through approximately four (4) inches of Asphalt Concrete, two (2) inches of Asphalt Cold Millings and twelve (12) inches of Base Course to set treated posts.

See Contract Proposal form (DOT 123) for instructions on Base Bid and Alternate No. 1 bid for the contract.

Bidders should carefully examine the site of the proposed work. The submission of bids is conclusive evidence that the bidder has investigated and is satisfied as to the conditions to be encountered, the character, quality, quantities of work to be performed, and materials to be furnished, according to all contract documents.

NOTES REGARDING BUILDING CONSTRUCTION

The equipment shed shall have nominal outside dimensions of 48' length, 30' width, and 16' wall height. The building components shall meet or exceed the design for the following loads: 40 PSF (Snow) and 90 MPH (Wind).

Per plan details, the sidewall poles shall be 20' minimum in length and have an actual minimum rectangular cross section per manufacture recommendations. The end wall poles shall be the minimum length required to attach to the top cord of the truss and allow at least 4' minimum embedment into the ground. The end wall poles shall have an actual minimum cross section per manufacture recommendations.

Timber for poles shall be Douglas Fir, Ponderosa Pine, or Lodge Pole Pine. Poles shall be notched for the trusses to sit. Other species will be considered, but will need the Engineer's approval prior to submission of bid. Poles shall be pressure treated in accordance with American Wood-Preserver's Association (AWPA) standards as referenced in American Association of State Highway and Transportation Officials (AASHTO) Specifications M133. Only creosote, pentachlorophenol, or chromated copper arsenate preservatives will be acceptable. Minimum preservative retention levels, in pounds per cubic foot (pcf), as determined by assay shall be: 8 pcf for creosote, 0.4 pcf for chromated copper arsenate, and 0.4 pcf for pentachlorophenol. If Douglas Fir is furnished, it shall have a retention level of 0.5 pcf for both chromated copper arsenate and pentachlorophenol. Dimension lumber used for framing, joists, truss members, and other on this project shall be in conformance with Western Wood Products Association grading rules, Select Structural No. 2 or better, S-Dry, S4S, Standard Dress lumber. Lumber used in the trusses and joists shall be Douglas Fir-Larch or Hem-Fir, unless otherwise approved by the Engineer prior to the submission of bid.

An engineered laminate column may be used in place of the poles listed in previous notes. The engineered laminate column shall be finger-jointed and glued. The finger jointed splices shall be offset and all columns will need to be built in a factory. The glue laminated columns shall use a structural adhesive that meets or exceeds AITC/ANSI A190.1 standards. The species of wood shall be Southern Yellow Pine (SYP). A minimum of 6' of the column shall be pressure treated with a 0.60 pcf Chromated Copper Arsenate (CCA) preservative. Columns shall be pressure treated in accordance with American Wood-Preserver's Association (AWPA) standards as referenced in American Association of State Highway and Transportation Officials (AASHTO) Specifications M133.

Poles shall be set four (4) feet below finish grade. Poles shall be set in augered holes having a maximum diameter of 12 inches and be (5) feet deep, and see sheet # 6 for details. Holes shall be cleaned out so gravel can be added for 12 inches to result in a firm bottom prior to setting the poles. Once poles have been set, the hole around the pole shall be filled with concrete. The concrete shall be placed ½ inch high around the poles to force water to flow away from the hole with the exception of where the outside sheeting will be attached to the building. The concrete shall be Class M6 concrete.

All upper and lower chords (roof truss) shall be designed as recommended by the manufacture (pre-engineered). The lower chord to post connection shall be bolted using ½" bolts where possible and intermediate trusses will be securely fastened to the rafter plates (headers) with long enough ties to extend from the bottom of the rafter plate (headers) to the top surface of the truss. The header shall also be bolted using ½" bolts. All unbolted joints shall be glued and nailed or connected with galvanized brackets. Trusses shall be spaced per manufactures recommendations. Roof girts shall be sized and spaced accordingly per manufactures recommendations and nailed with 16 d. galvanized ring shank nails. Wall girts shall be sized and spaced per the manufactures recommendations and nailed with 16 d. galvanized ring shank nails. (Typical all walls)

Roofing and outside walls shall be covered with 29 gauge corrugated, G90 painted sheet steel siding panels 36" wide. The trim shall be G60 painted steel trim. Panels shall be full length, splicing of panels will not be accepted. Panels shall be anchored to all girts with painted (#12 x 1 1/2") screws (hex head w/neoprene washer). Lap splices shall be a minimum of 2". Channel drain shall be 29 Ga. painted steel and screw fastened to the satisfaction of the Engineer. Owner (SDDOT) will pick final color.

Weather tight seal material shall be placed under the metal roof at ridge roll joint, and at the junction with side walls and roof, see Sheet # 6. Sidewall flashing shall be used at the bottom of the wall around the entire building.

1 - 16' (Width) X 14' (Height) galvanized steel painted panel overhead door. Final finish for doors shall be white color baked on polyester or epoxy, or an equal as approved by the Engineer. The door shall be constructed from not less than 24 gauge steel panels and 16 gauge intermediate and end stiles. The door shall have cadmium plated hardware, nylon rollers, graphite painted springs as manufactured by Overhead Door company 424 series, or an approved equal, with springs, tracks and all hardware shall be furnished and installed. (Supply an Installation Instruction Manual and a copy of Warranty for the doors.) Provide an approved vinyl weather strip at head and jams. For overhead door header details see Sheet # 8. NO OVERHEAD DOOR SHALL BE INSTALLED UNTIL APPROVED BY THE ENGINEER.

STATE OF	PROJECT	SHEET NO.	TOTAL SHEETS
S.D.	410C291	2	9

1 - 36" x 6' 8" Plyco Corporation Model 99FG3068 insulated service door, or an approved equal, color white. Door to include jamb with full perimeter weather stripping, three (3) 4" x 4" butt hinges and a heavy duty cylindrical key in knob lock set that is ADA compliant. The Contractor shall use a non-shrink grout or other material approved by the Engineer to ensure a level support is provided for the door threshold.

ELECTRICAL NOTES

Material for all fixtures shall be supplied and wiring accomplished according to NEC, State and Local Ordinances. Electrical power shall be supplied from a source at the light pole located on the northwest corner of the existing salt shed. The electrical wire shall be buried underground at a minimum depth of two (2) feet for approximately 70 ft. east to the new equipment shed, see Sheet # 5 for building locations. The Contractor shall be responsible for locating underground utilities at the construction site. Repair to damaged utilities shall be at no cost to the State. The new equipment shed shall have a 100-amp main breaker electrical panel. Three (3) 110-Volt exterior ground fault circuit interrupter (GFI) duplex outlet (20 AMP) shall be installed. Two exterior outlets installed on the south interior wall and one exterior outlet on the outside of the building on the south wall. Three (3) overhead lights shall be installed in the equipment shed with a switch immediately inside the door. One outside overhead light shall be installed over the center of the overhead door and will not require a switch but it shall have a photocell.

The interior lights shall be 300 watt incandescent. The exterior light shall be a Hubbell fixture model (LNC2-12LU-5K-4 12LED, 5100K, Type 4 or equal) with photocell.

The electrical service cabinet shall be surface mounted on plywood, and installed inside the equipment shed next to the service door.

INCIDENTAL WORK NOTES

The existing damaged building shall be demolished and all debris and rubble pertaining to the building shall be removed from the site (See plans for pictures).

- The Contractor shall visit the site prior to bidding to examine the damaged building to determine actual conditions and scope of work. See photos.
- The Owner (SDDOT) will be responsible for disconnecting and capping of all utilities from the damaged building.
- Owner (SDDOT) has removed all known asbestos.
- Contractor shall remove all protruding hardware once building material has been removed from the site.
- The Owner (SDDOT) will salvage any material they want prior to commencement of demolition. All material left becomes the sole property and responsibility of the Contractor.
- Contractor shall remove material according to Waste Disposal Site Notes and in accordance with federal, state, and local regulations.

STATE OF	PROJECT	SHEET NO.	TOTAL SHEETS
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WASTE DISPOSAL SITE

The Contractor shall furnish a site(s) for the disposal of construction and/or demolition debris generated by this project.

Action Taken/Required:

Construction and/or demolition debris may not be disposed of within the State ROW.

The waste disposal site(s) shall be managed and reclaimed in accordance with the following from the General Permit for Highway, Road, and Railway Construction/Demolition Debris Disposal under the South Dakota Waste Management Program issued by the Department of Environment and Natural Resources.

The waste disposal site(s) shall not be located in a wetland, within 200 feet of surface water, or in an area that adversely affects wildlife, recreation, aesthetic value of an area, or any threatened or endangered species, as approved by the Project Engineer.

If the waste disposal site(s) is located such that it is within view of any ROW, the following additional requirements shall apply:

1. Construction and/or demolition debris consisting of concrete, asphalt concrete, or other similar materials shall be buried in a trench completely separate from wood debris. The final cover over the construction and/or demolition debris shall consist of a minimum of 1 foot of soil capable of supporting vegetation. Waste disposal sites provided outside of the State ROW shall be seeded in accordance with Natural Resources Conservation Service recommendations. The seeding recommendations may be obtained through the appropriate County NRCS Office. The Contractor shall control the access to waste disposal sites not within the State ROW through the use of fences, gates, and placement of a sign or signs at the entrance to the site stating “No Dumping Allowed”.

2. Concrete and asphalt concrete debris may be stockpiled within view of the ROW for a period of time not to exceed the duration of the project. Prior to project completion, the waste shall be removed from view of the ROW or buried and the waste disposal site reclaimed as noted above.

The above requirements will not apply to waste disposal sites that are covered by an individual solid waste permit as specified in SDCL 34A-6-58, SDCL 34A-6-1.13, and ARSD 74:27:10:06.

Failure to comply with the requirements stated above may result in civil penalties in accordance with South Dakota Solid Waste Law, SDCL 34A-6-1.31.

All costs associated with furnishing waste disposal site(s), disposing of waste, maintaining control of access (fence, gates, and signs), and reclamation of the waste disposal site(s) shall be incidental to the various contract items.

BASIS OF PAYMENT

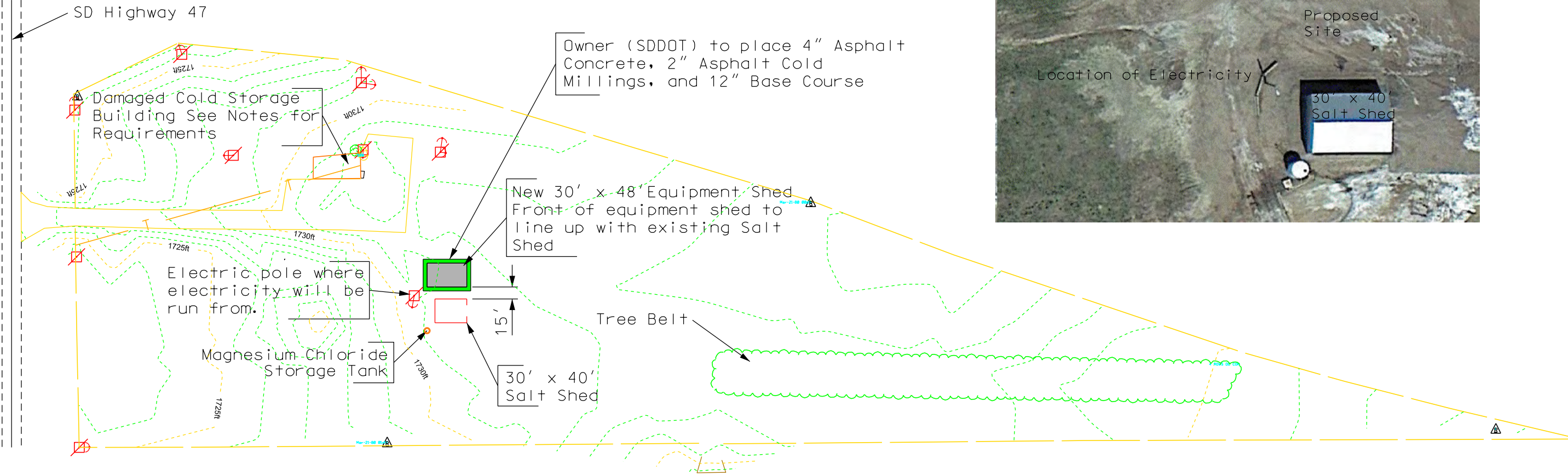
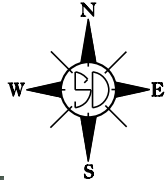
The lump sum price bid for the item “Reliance Equipment Shed” shall be full payment for furnishing and installing the new building, and all materials, electrical components, incidentals, equipment, labor and taxes, necessary to satisfactorily complete the work.

The lump sum price bid for the item “Incidental Work” shall be full payment for removal and disposal of damaged building debris and rubble, including all labor, equipment, and incidentals necessary to satisfactorily complete the work.

RELIANCE MAINTENANCE YARD

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	410C291	4	9

Plotting Date: 08/17/2015



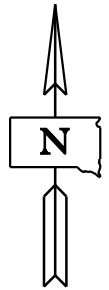
PLOT SCALE - 1:132.344

PLOTTED FROM - TRPR25289

PLOT NAME - 1

FILE - ... \RELIANCE.DGN

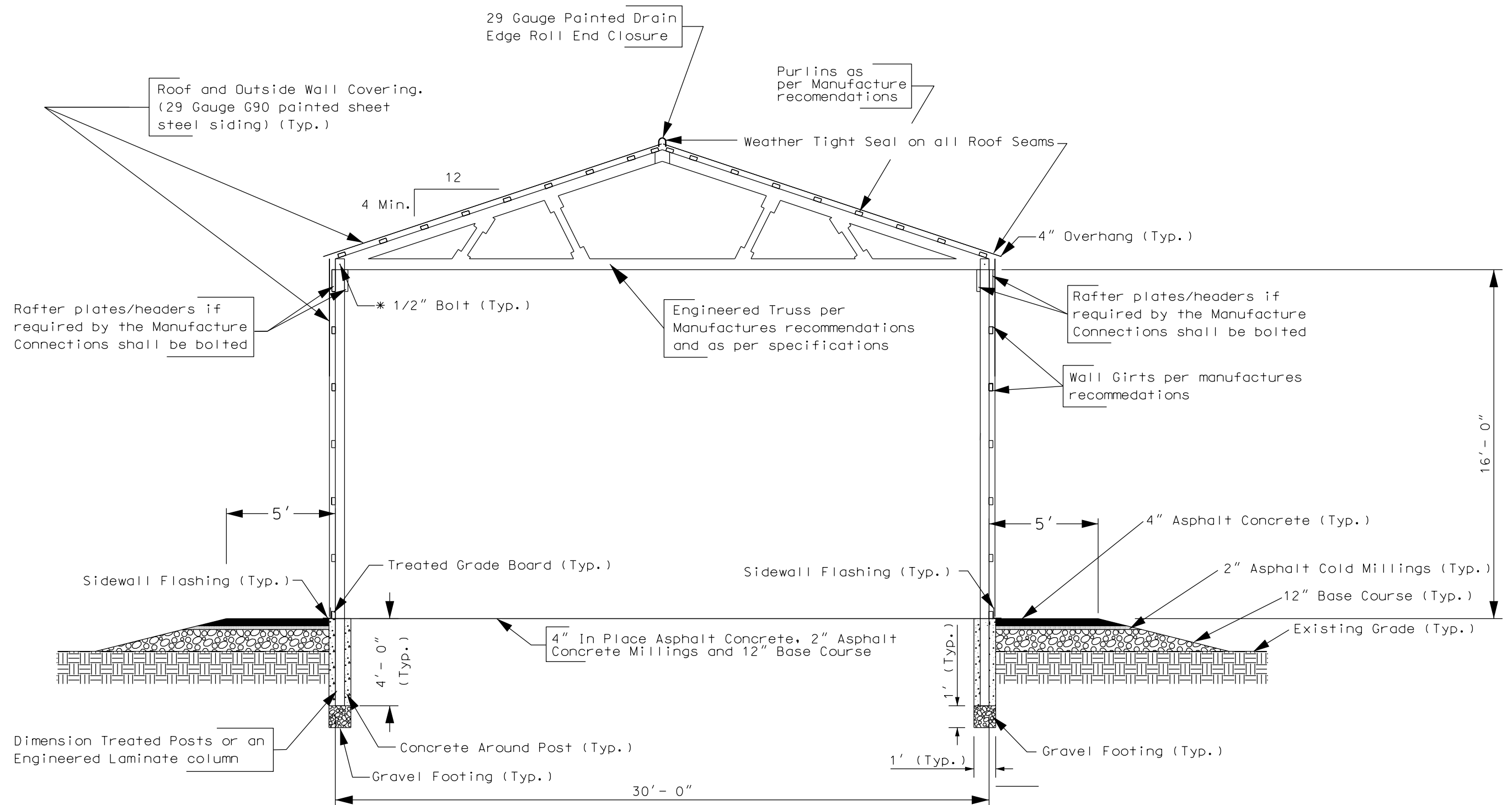
PLOTTED FROM - TRPR25289

Plotting Date: 08/13/2015

— P — New Power line trenched between buildings and then run into Southeast corner of Equipment Shed

Equipment Shed Detail

Front View

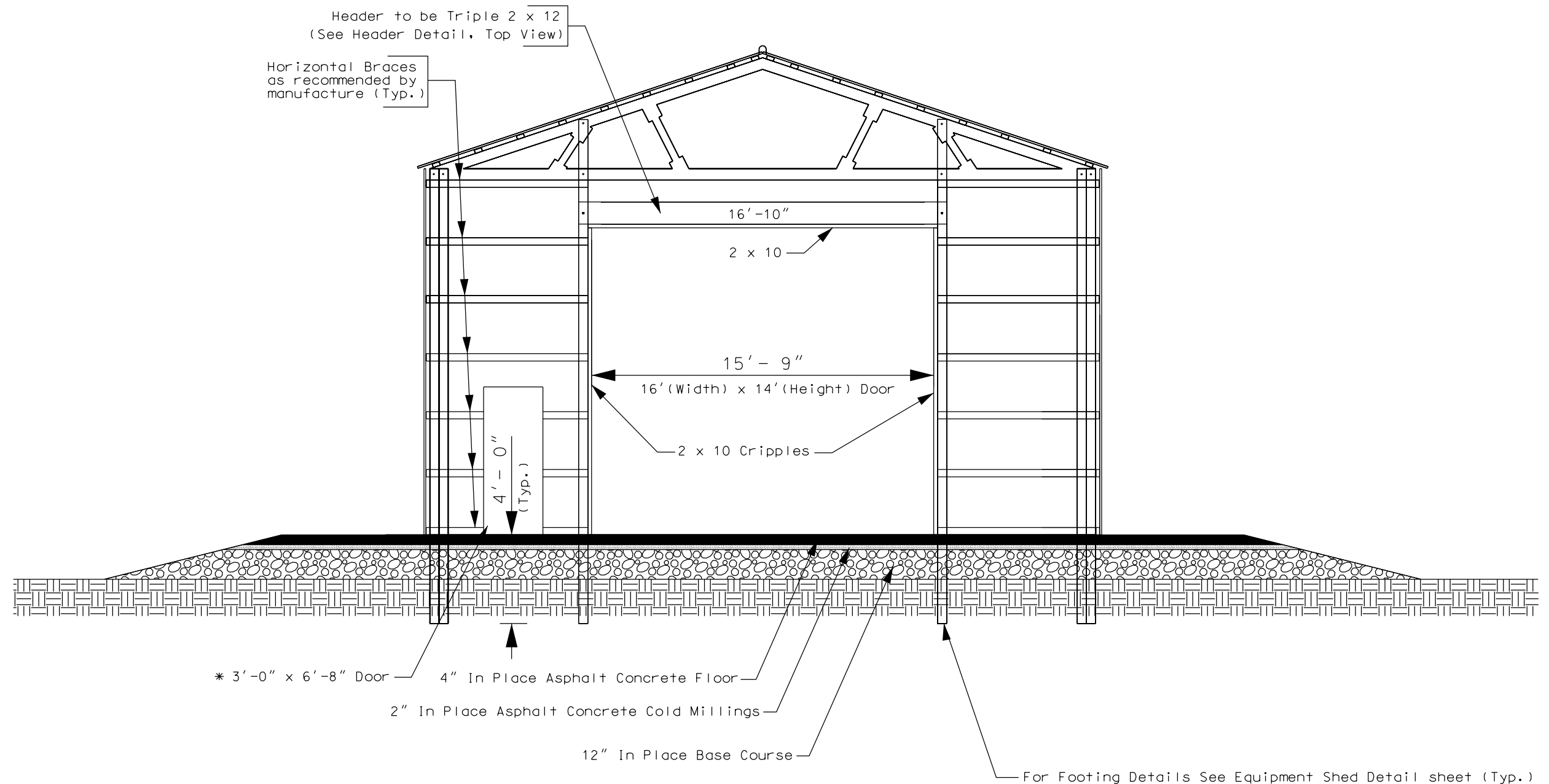


NOTE: Provide one - 16'-0" x 14'-0" overhead doors with torsion spring and tracks.

* If using a dimension treated post, the post shall be notched for the truss to sit in it. If using a laminated column, the truss will sit in the saddle of the column. All connections to the posts shall be bolted.

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
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Equipment Shed End Detail Front View

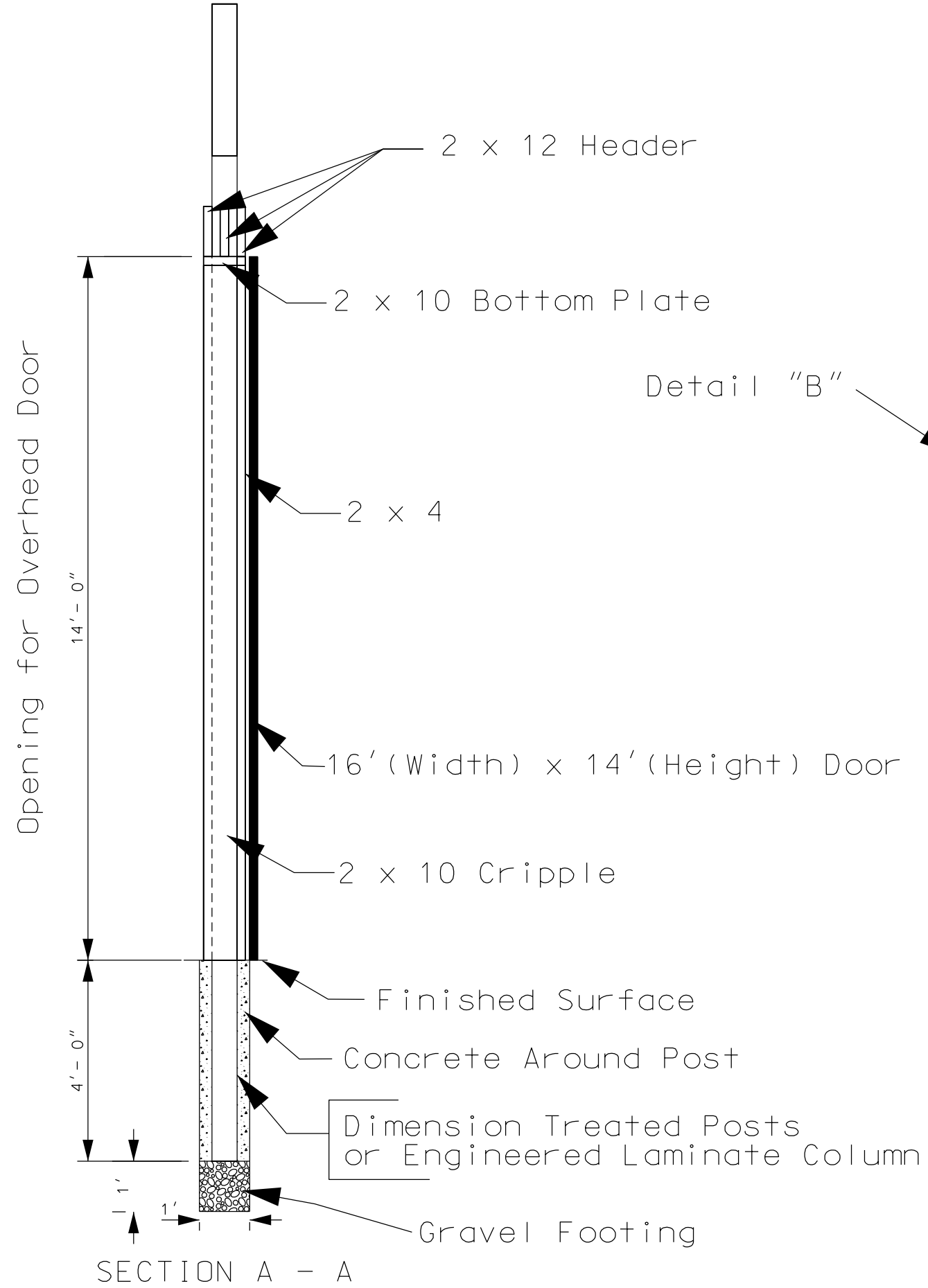


NOTES-

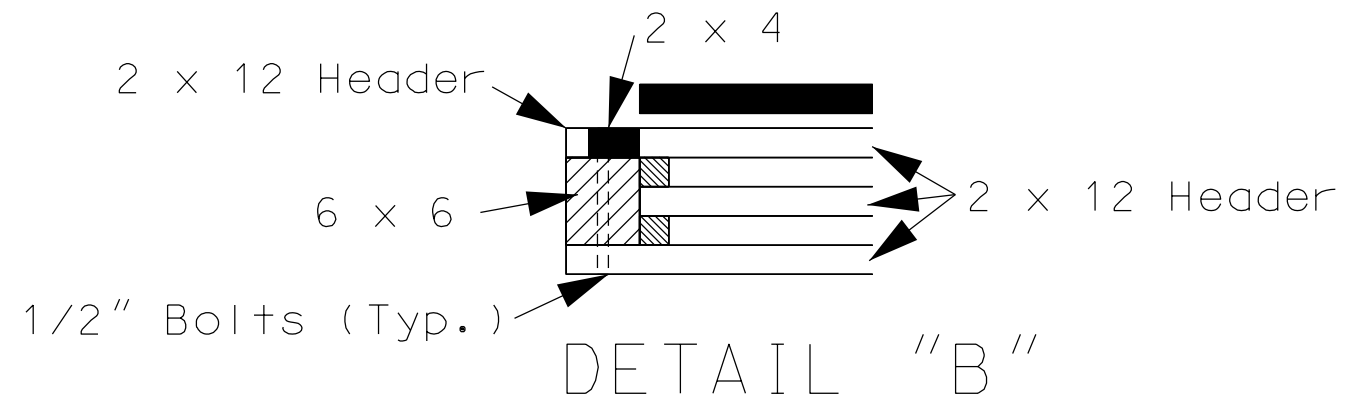
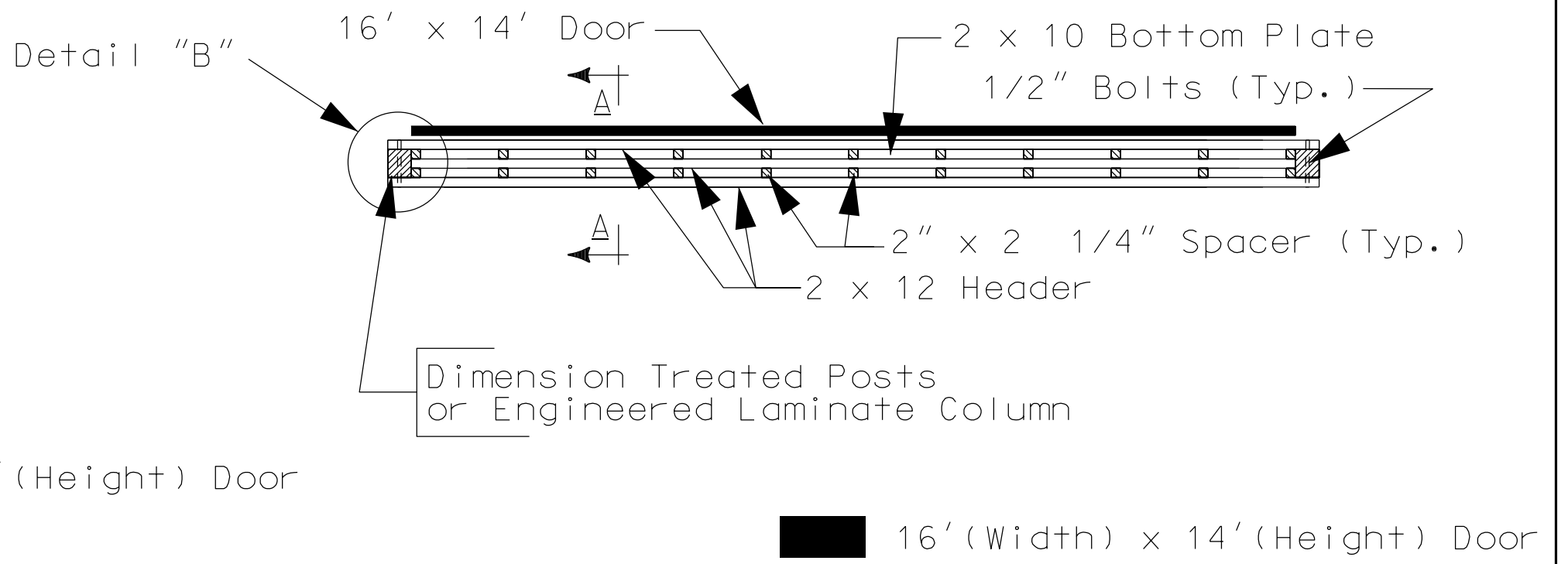
- * Non shrink grout or other material approved by the Engineer shall be used to level ground to provided support for the door threshold.

Equipment Shed Door Header Detail

STATE OF	PROJECT	SHEET NO.	TOTAL SHEETS
S.D.	410C291	8	9



Equipment Shed Door Header Detail Top View



PICTURES OF DAMAGED COLD STORAGE BUILDING

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	410C291	9	9

Plotting Date: 08/13/2015



PLOT SCALE - 1:7000

PLOTTED FROM - IPRR25289

PLOT NAME - 1

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