

**ADDENDUM NO. 1**

Dated: March 26, 2018

Plans and Specifications for: **Walnut Street Reconstruction – 2<sup>nd</sup> Street to 4<sup>th</sup> Street**

Bids Due: 3:00 PM  
March 29, 2018  
City Finance Officer  
P.O. Box 176  
Yankton, SD 57078

Contact Person: Bradley Moser  
Civil Engineer  
P.O. Box 176  
Yankton, SD 57078  
(605) 668-5255

The original plans and specifications are hereby amended by this Addendum. Bidders shall acknowledge receipt of this addendum by noting the addendum number and date on the space provided on the Bid Form. Bidders who distribute these specifications to subcontractors or suppliers are responsible for the distribution of the information contained herein to either the subcontractor or supplier.

Issued By *Bradley C Moser*  
Bradley C. Moser, Civil Engineer

1. The attached bid form should replace the original form which was included in the specifications book. Contractor will need to utilize this form when submitting their bid. The items that have changed include:
  - 1520 feet, of 6" drain tile, has been added. See the detail included in this packet.
  - All bid items, for 20" water main, have been removed. The connection, at 2<sup>nd</sup> and Walnut, will be made north of the existing 20"x 6" tee, thusly eliminating the need for 20" pipe or appurtenances.
  - There were changes to the quantities for 6"x 45-degree bend, quartzite pavers, concrete planter, weed barrier fabric and 3" depth shredded bark mulch.
2. The attached document 009113 and the note, plan and details sheets, address changes in the landscape portion of the plans. The quantity changes referenced in these attachments, have already been adjusted on the included bid form.

**BID PROPOSAL**

**Walnut Street Reconstruction  
2<sup>nd</sup> Street to 4<sup>th</sup> Street  
Project # 2017-043**

Date: \_\_\_\_\_

Proposal of \_\_\_\_\_ (hereinafter

called "BIDDER") a corporation, organized and existing under the laws of the State of

\_\_\_\_\_, a partnership, or an individual doing business as:

To: City Finance Officer  
City of Yankton  
Yankton, South Dakota

Proposals to be filed  
no later than 3:00 P.M.  
on March 29, 2018

Gentlemen:

The BIDDER, in compliance with your invitation to bid for this project, having examined the specifications and related documents, being familiar with the site of the proposed work, and being familiar with all of the conditions surrounding the proposed project, including the availability of materials and labor hereby proposes to furnish all labor, materials, and supplies in strict accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below. This price covers all expenses incurred in performing the work required under the contract documents, of which this proposal is a part.

The undersigned bidder does hereby declare and stipulate that each proposal is made in good faith, without collusion or connection with any other person or persons bidding for the same work, and that it is made in pursuance of and subject to the detailed specifications, and all other contract documents, pertaining to the work to be done, all of which have been examined by the undersigned.

All the various phases of work enumerated in the contract documents with their individual jobs and overhead, whether specifically mentioned, included by implication or appurtenant thereto, are to be performed by the Contractor.

The BIDDER hereby agrees to fully complete the PROJECT by November 1, 2018. The BIDDER further agrees that if he does not complete the project within the time period specified, to pay as liquidated damages, the sum of \$1050.00 for each consecutive calendar day the project exceeds the completion date as provided in Section 15 of the GENERAL CONDITIONS.

The BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following unit prices or lump sum. (Note: BIDS shall include all applicable taxes and fees.)

<b>Schedule I - Street Construction</b>					
<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total Price</b>
<b>Removals and Grading</b>					
1	Mobilization	1	LS	\$	\$
2	Saw Existing Concrete	1000	LF	\$	\$
3	Removal of Concrete Pavement	10046	SY	\$	\$
4	Removal of Asphalt Pavement	1504	SY	\$	\$
5	Removal of Curb and Gutter	1195	LF	\$	\$
6	Unclassified Excavation	1	LS	\$	\$
7	Undercutting	100	CY	\$	\$
8	Water for Embankment or Granular Material	10	KGal	\$	\$
9	Stump Removal	38	EA	\$	\$
<b>Erosion Control</b>					
10	Seeding, Mulching, Fertilizer	1	LS	\$	\$
11	Vehicle Tracking Control	1	EA	\$	\$
12	Inlet Sediment Control	3	EA	\$	\$
13	Silt Fence	50	LF	\$	\$
14	Geotextile Fabric	300	SY	\$	\$
<b>Storm Sewer</b>					
15	Removal of JB/MH/DI	13	EA	\$	\$
16	2'x 3' Type B Drop Inlet	14	EA	\$	\$
17	Type S Drop Inlet	2	EA	\$	\$
18	Standard Storm Sewer Junction Box 4'x 4'	5	EA	\$	\$
19	F&I 18" RCP - CL III	500	LF	\$	\$
20	F&I 24" RCP - CL III	78	LF	\$	\$
21	Removal of Existing Pipe	482	LF	\$	\$
22	Core Into Existing Drop Inlet	2	EA	\$	\$
23	R 1801-E Frame and Grate	2	EA	\$	\$
24	6" Perforated Drain Tile	1520	LF	\$	\$
<b>Watermain</b>					
25	6" PVC Watermain C-900	870	LF	\$	\$
26	1" Copper Service Line	730	LF	\$	\$
27	6" MJ Gate Valve w/Box	5	EA	\$	\$
28	6" Megalugs	29	EA	\$	\$
29	6" MJ Oversized Sleeve	2	EA	\$	\$

30	Cut & Tie into Existing Main	4	EA	\$	\$
31	1" Curb Stop w/Box	19	EA	\$	\$
32	Water Service Line Reconnect	19	EA	\$	\$
33	Temporary Fire Hydrant	2	EA	\$	\$
34	Granular Material for Watermain	886	LF	\$	\$
35	Remove Existing Valve Box	3	EA	\$	\$
36	6" MJ Cap	2	EA	\$	\$
37	6"x 45 deg. Bend	6	EA	\$	\$
<b>Traffic Control</b>					
38	Traffic Control	1335	UNITS	\$	\$
39	Traffic Control Miscellaneous	1	LS	\$	\$
<b>Surfacing</b>					
40	8" PCC Pavement	5125	SY	\$	\$
41	8" Fillet Section	384	SF	\$	\$
42	Concrete C&G – Type B68	2155	LF	\$	\$
43	Type P C&G and Special Curb	205	LF	\$	\$
44	6" Sidewalk w/Attached Curb	2580	SF	\$	\$
45	6" Curb	185	LF	\$	\$
46	8" Approach Pavement	1717	SF	\$	\$
47	6" Concrete Sidewalk	20978	SF	\$	\$
48	6" Colored Concrete Sidewalk	13673	SF	\$	\$
49	6" Aggregate Base Course	5880	SY	\$	\$
50	Detectable Warning Panel	160	SF	\$	\$
51	Insert Steel Bars Into Pavement	45	EA	\$	\$
52	Sidewalk Drain	1	EA	\$	\$
53	Temporary Boardwalk	6160	SF	\$	\$
<b>Schedule II - Landscaping</b>					
Item No.	Description	Quantity	Unit	Unit Price	Total Price
<b>General Items</b>					
1	Mobilization	1	LS	\$	\$
<b>Removals</b>					
2	Clear and Grub Tree	2	Each	\$	\$
3	Landscape Clearing	155	Sq Yd	\$	\$
<b>Hardscape Items</b>					
4	Corten Steel Raised Planter	70	Ln Ft	\$	\$

5	Corten Steel Edging	1873	Ln Ft	\$	\$
6	Storm Water Cut Out	67	Each	\$	\$
7	Quartzite Pavers	2205	Sq Ft	\$	\$
8	Quartzite Steppers	68	Each	\$	\$
9	ADA Tile	5	Each	\$	\$
10	Limestone Seating Block	55	Each	\$	\$
11	Granite Sculpture Base, Relocated	2	Each	\$	\$
12	Yankton Lantern	3	Each	\$	\$
13	Fire Pit	1	Each	\$	\$
14	Utility Enclosure	1	Each	\$	\$
<b>Furnishings</b>					
15	Concrete Planter	22	Each	\$	\$
16	Bench	4	Each	\$	\$
17	Little Receptacle	8	Each	\$	\$
18	Bike Rack	20	Each	\$	\$
<b>Landscape Items</b>					
19	Weed Barrier Fabric	1057	Sq Yd	\$	\$
20	3" Depth Shredded Bark Mulch	994	Sq Yd	\$	\$
21	Planting Soil	1551	Cy Yd	\$	\$
22	2" Cal. B&B Deciduous Tree	47	Each	\$	\$
23	2" Cal. B7B Ornamental Tree	6	Each	\$	\$
24	#2 Cont. Shrub	254	Each	\$	\$
25	#1 Cont. Perennial	279	Each	\$	\$
26	#1 Cont. Ornamental Grass	481	Each	\$	\$
<b>Electrical</b>					
27	Incidental Work, Electrical	1	LS	\$	\$
28	Controller Cabinet and Base	1	Each	\$	\$
29	Raceways, Conductors, Trenching, Boring, Warning Tape	1	LS	\$	\$
30	Type "AA" Luminaire	48	Each	\$	\$
31	Type "BB" Luminaire	3	Each	\$	\$
32	120V, 20A Receptacle and Pedestal	21	Each	\$	\$
33	120/240V, 50A Receptacle and Pedestal	3	Each	\$	\$
34	Fire Pit Connections and Switches	1	Each	\$	\$

Base Bid (Schedule I & II) \$ \_\_\_\_\_

(Base Bid Amount Written Out)

<b>Alternate #1 – Site Furnishing</b>					
35	Table, 6-Seat	2	Each	\$	\$
36	Table, 5-Seat	1	Each	\$	\$
<b>Alternate #1 – Color Changing Luminaires</b>					
37	Type "AA-ALT" Luminaire (Would Replace Item #31 in Schedule II)	48	Each	\$	\$

**Bidder acknowledges receipt of the following addenda:**

Date: \_\_\_\_\_ Number: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

The Bidder understands that the Owner reserves the right to reject any or all bids, to waive any informalities in the bidding and to award the contract in the best interest of the Owner.

Respectfully submitted:

\_\_\_\_\_  
Name of Firm

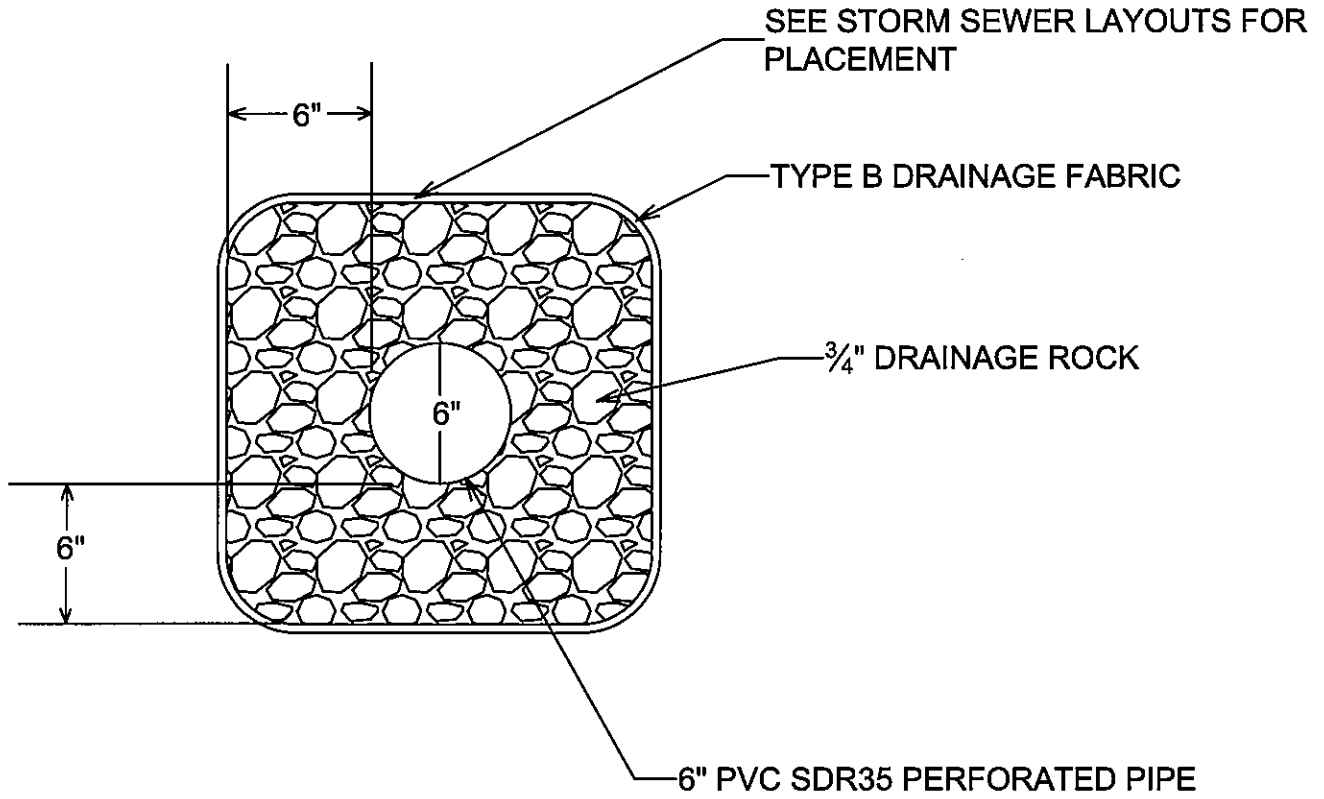
\_\_\_\_\_  
Federal ID No.

\_\_\_\_\_  
Officer

\_\_\_\_\_  
Address

\_\_\_\_\_  
Telephone No.

# PLANTER DRAIN TILE



## DOCUMENT 009113 – ADDENDA 1

### 1.1 ATTACHMENTS

- A. This Addendum includes the following attached Sheets:
1. Landscape General Notes Sheet L1.08, dated March 23, 2018, reissued.
    - a. Added fire feature notes.
  2. Landscape General Notes Sheet L1.09, dated March 23, 2018, new.
    - a. Added fire feature notes.
  3. Hardscape Plan Sheet L2.00, dated March 23, 2018, reissued.
    - a. Adjusted location of fire feature.
    - b. Updated bench and trash receptacle specifications.
    - c. Updated quantity of concrete planter.
  4. Hardscape Plan Sheet L2.01, dated March 23, 2018, reissued.
    - a. Added quartzite pavers around north end of lantern at 3<sup>rd</sup> Street intersection. Paver area and corten steel edging were modified in this area.
  5. Landscape Details Sheet L4.04, dated March 23, 2018, reissued.
    - a. Updated lantern detail stone attachments.
  6. Landscape Details Sheet L4.06, dated March 23, 2018, reissued.
    - a. Updated all elements of fire feature detail.
  7. Landscape Details Sheet L4.07, dated March 23, 2018, reissued.
    - a. Added caution sign location to enclosure.
  8. Landscape Details Sheet L4.08, dated March 23, 2018, reissued.
    - a. Added caution sign detail.
  9. Landscape Details Sheet L4.09, dated March 23, 2018, new.
    - a. Added additional quartzite paver pattern details and bench attachment detail.

### 1.2 REVISIONS TO DRAWING SHEETS

- A. Sheet L1.00 – Estimate of Quantities (not reissued).



1. Item No. 7, Quartzite Pavers: Change quantity to 2,205.
  2. Item No. 14, Utility Enclosure: Add caution sign to Incidental Work & Special Provisions.
  3. Item No. 15, Concrete Planter: Change quantity to 22.
  4. Item No. 19, Weed Barrier Fabric: Change quantity to 1,057.
  5. Item No. 20, 3" Depth Shredded Bark Mulch: Change quantity to 994.
  6. Item No. 27, Tax on City Furnished Electrical Materials: Delete item.
- B. Sheet L1.01 – General Notes (not reissued).
1. Section 2.1: Remove all references to “compost”.
  2. Section 2.2.3: Remove paragraph.
  3. Section 2.3: Remove compost requirement from Planting Soil. Proportions for soil mix shall be 70% topsoil and 30% sand.
- C. Sheet L1.04 – General Notes (not reissued).
1. Section 6.10: Remove paragraph 6.10.1.e.i and replace with the following:
    - a. Integral Aluminum Finish: Anodized. Color and finish to match existing Yankton lantern at city hall. Color to be selected by Architect from manufacturer’s full range.
- D. Sheet L1.06 – General Notes (not reissued).
1. Section 7.10: Remove paragraph and sub-paragraphs.
  2. Section 7.11: Add paragraph in front of paragraph 7.11.1 with the following:
    - a. Stone Trim Anchors: Units fabricated with tabs or dowels designed to engage kerfs or holes in stone trim units and holes for fasteners for fastening to substrates or framing as indicated.
      - 1) Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
        - a) Hohmann & Barnard, Inc.
  3. Section 7.14: Add paragraph in front of paragraph 7.14.3 with the following:
    - a. Cut and drill sinkages and holes in stone for anchors and supports.
  4. Section 7.18: Add paragraph after paragraph 7.18.8 with the following:

- a. Coat limestone with cementitious dampproofing as follows:
  - 1) Stone at Grade: Beds, joints, and back surfaces to at least 12 inches above finish-grade elevations.
  - 2) Allow cementitious dampproofing formulations to cure before setting dampproofed stone. Do not damage or remove dampproofing in the course of handling and setting stone.
- 5. Section 7.20: Remove paragraph 7.20.1 and 7.20.2.
- 6. Section 7.20: Remove paragraph 7.20.3 and replace with the following:
  - a. Space anchors to provide not less than one anchor per 2 sq. ft. (0.2 sq. m) of wall area. Install additional anchors within 12 inches (300 mm) of openings, sealant joints, and perimeter at intervals not exceeding 12 inches (300 mm).
- 7. Section 7.20: Add paragraph after paragraph 7.20.3 with the following:
  - a. Anchor stone trim with stone trim anchors as recommended by mason and stone manufacturer. Install anchors by fastening to substrate and inserting tabs and dowels into kerfs and holes in stone units. Provide compressible filler in ends of dowel holes and bottoms of kerfs to prevent end bearing of dowels and anchor tabs on stone. Fill remainder of anchor holes and kerfs with mortar.
- 8. Section 7.20: Remove paragraph 7.20.5 and replace with the following:
  - a. Provide 1-inch (25-mm) cavity between stone masonry and backup construction unless otherwise indicated. Keep cavity free of mortar droppings and debris.
- E. Sheet E1.03 – Site Plan-Electrical (not reissued).
  - 1. Provide lighting within the base of the fire pit enclosure. Lighting shall consist of LED strip lighting equal to Acclaim FLEXOHE4 in FLX444 flex channel with an APS-300-24-IP power supply and all required connectors. Install a 4' section at the north wall of the enclosure and a 4' section at the south wall of the enclosure, centered vertically. Power supply shall locate in the enclosure and shall be connected to the type "AA" luminaire to the south of the fire pit location. Include the cost of the lighting in the bid item for fire pit connections and switches.

END OF DOCUMENT 009113

- a. The Contractor is responsible for controlling weeds in all new landscaping areas. The Contractor shall also spray and remove any weeds that are present prior to installing the landscaping areas.
- b. Maintain plantings by pruning, cultivating, watering, weeding, fertilizing, mulching, resetting to proper grades or vertical position and performing other operations as required to establish healthy, viable plantings. Spray or treat as required to keep trees and plants free of insects and disease.
- c. Fill settled areas with planting soil as necessary. Remove and replace landscape and mulch materials damaged or lost in areas.
- d. Protect plants from damage due to landscape operations and operations of other Contractors and trades. Maintain protection during installation and maintenance periods. Treat, repair or replace damaged planting.
- e. All costs, labor and materials for the aforementioned plant and plant area maintenance work shall be incidental to the landscaping bid items.

**9.2 PRE-EMERGENT HERBICIDE**

9.2.1 Apply a granular Trifluralin based pre-emergent herbicide to control germination of weeds to all planting bed areas prior to installation of weed barrier fabric. Apply according to manufacturer's written instruction. Pre-Emergent herbicide shall be incidental to weed barrier fabric bid item.

**9.3 WEED BARRIER FABRIC**

- 9.3.1 Weed barrier fabric shall be placed at the areas specified in the plans.
- 9.3.2 Weed barrier fabric shall be anchored to the ground with 6" U shaped staples. The staples shall be placed at a 4' spacing along all edges, overlaps, and throughout the area of weed barrier fabric. The weed barrier fabric shall be overlapped 4" between rolls.
- 9.3.3 Weed barrier fabric shall be measured to the nearest square yard. Measurement of the overlaps will not be made. All costs for furnishing, handling, and placing the weed barrier fabric including the materials, equipment, labor, and incidentals necessary shall be incidental to the contract unit price per square yard for "Weed Barrier Fabric".
- 9.3.4 The weed barrier fabric shall be provided from the list below or an approved alternate:

Product	Manufacturer
SRW Pro Plus V	SRW Products 800-752-9326 <a href="http://www.srwproducts.com">www.srwproducts.com</a>
Pro 5	DeWitt Company Inc. 800-888-9669 <a href="http://www.dewittcompany.com">www.dewittcompany.com</a>

**9.4 SHREDDED BARK MULCH**

- 9.4.1 Shredded cedar mulch shall be placed at a thickness of 3 inches in areas shown on the plans after plants are planted.
- 9.4.2 All costs for furnishing, handling, and placing the shredded bark mulch including the materials, equipment, labor, and incidentals necessary shall be incidental to the contract unit price per square yard for "Shredded Bark Mulch".

**9.5 WATERING**

- 9.5.1 **Plants, Trees and Shrubs:** The Contractor is required to provide adequate water for all newly planted landscape material for a period of 45 days after installation.
- 9.5.2 A 20 gallon Treegator Slow Release Watering Bag shall be provided and installed with each tree immediately following tree planting. [www.treegator.com](http://www.treegator.com). All costs for furnishing, handling, and placing watering bags including the materials, equipment, labor and incidentals necessary shall be incidental to the contract unit

price per each for tree bid items. Each tree bag shall be refilled at least twice per week.

9.5.3 Contractor shall apply 40 gallons of water per week per tree, plus 5 gallons of water per week for each plant and shrub. This quantity is for estimating purposes only. More or less water for vegetation may be required to ensure adequate growth of the landscape material at the end of the 45 day maintenance period.

9.5.4 An inspection will be performed at the end of the 45 day maintenance period to ensure the landscape material is alive and growing. Maintenance and replacement shall be at the expense of the Contractor. Replaced landscape material shall be watered as required for original plantings at the expense of the Contractor.

9.5.5 **Watering Restrictions:** The Contractor must comply with all watering restrictions in place. A listing of watering restrictions can be found on the City's website. If even/odd or more restrictive watering restrictions are in place, a watering permit must be obtained from the Public Works Office. This permit will allow daily watering (outside the noon to five restrictions) for a period of up to 4 weeks. After 4 weeks, the Contractor must comply with the current watering restrictions. For clarification, the whole project will be treated as one address so the watering can occur on the entire project on the same day.

**10.0 FIRE FEATURE**

**10.1 PERFORMANCE REQUIREMENTS**

- 10.1.1 Contractor shall be responsible for providing a complete and working all weather, commercial grade, natural gas fire feature system with all necessary components to meet the requirements in the drawings.
- 10.1.2 Contractor shall be responsible for all applicable permits and coordination with gas service company for service line, meter, and connection for fire feature.

**10.2 SUBMITTALS**

- 10.2.1 Product Data: For each component of fire feature and manufactured products.
- 10.2.2 Samples for Verification: River rock for fire feature and color selection.
- 10.2.3 Shop drawings for fire feature components required.

**10.3 CLOSEOUT SUBMITTALS**

- 10.3.1 Maintenance Data: For fire feature to include in maintenance manuals.

**10.4 MAINTENANCE MATERIAL SUBMITTALS**

- 10.4.1 Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
  - a. Variable Component Materials: 1 bag of specified river rock.

**10.5 WARRANTY**

- 10.5.1 Special Warranty: Manufacturer agrees to repair or replace components of fire feature that fail in materials or workmanship within specified warranty period.
  - a. Failures include, but are not limited to, the following:
    - i. Defects that prevent safe and correct function.
  - b. Warranty Period: Two years from date of Substantial Completion.

**10.6 QUALITY ASSURANCE**

- 10.6.1 Installation must conform with the following most up to date codes:
  - a. International Fire Code.

- b. International Fuel Gas Code.
- c. Uniform Mechanical Code.
- d. ANSI Z21.97/CAS 2.41-2014 Outdoor Decorative Gas Appliances.
- e. National Fuel Gas Code, ANSI Z223.1/NFPA 54.
- f. Local codes.

**10.7 COORDINATION**

10.7.1 Furnish templates for placement of electrical and gas service embedded in permanent construction by other installers.

**10.8 COMPONENTS**

10.8.1 Fire feature components to be included in the construction of the fire feature system are listed below. Miscellaneous connections or other components not listed, but necessary to complete a working system shall also be included. The fire feature system shall include, but is not limited to, the following:

- a. Hearth Products Controls, Inc. (HPC) Commercial Emergency Stop Button.
- b. Outdoor Commercial 12-Hour Automatic Shutoff Timer with Bluetooth technology.
- c. Ceramic Fiber River Rock (2.5" – 4.5"). Color: Black.
  - i. Product: FPR84BL by HPC.
- d. Commercial AWEIS (all-weather electronic ignition system).
  - i. Recessed – NG – High Capacity – Hi/Lo series with remote control and Bluetooth technology with 2-way communication with fire feature.
  - ii. Recessed primary pilot burner with secondary pilot burner.
  - iii. Heat shield.
- iv. Potential manufacturers:
  - (i) Hearth Products Controls, Inc. (HPC).
  - (ii) Fire by Design.
- e. Warming Trends CrossFire ML Brass Burner 350k BTU with ½" Flex Line – NG.
  - i. 30.5" by 30.5" square
- f. 3/16" Sq. Aluminum Fire Pit Plate as dimensioned in drawings.

10.8.2 Fire feature components shall be provided from the list below or approved alternate:

- a. Woodland Direct, (800) 919-1904, [www.woodlanddirect.com](http://www.woodlanddirect.com).
- b. Fireplace Professionals, (605) 339-0775, [www.fireplaceprofessionals.com](http://www.fireplaceprofessionals.com).
- c. Stellar Hearth Products, (952) 224-4072, [www.stellarhearth.com](http://www.stellarhearth.com).

**10.9 EXAMINATION**

- 10.9.1 Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- 10.9.2 Verify that fire feature surfaces are within tolerances to accommodate components without gaps or irregularities between components and support surfaces unless otherwise indicated.



**DOWNTOWN STREETSCAPE IMPROVEMENTS**  
**WALNUT STREET & 2ND STREET**  
 YANKTON, SOUTH DAKOTA

REVISION SCHEDULE

PLOT DATE	2/12/2018 3:51 PM
17242 - General Notes.dwg	

SEI PROJECT #: 17242

GENERAL NOTES

**L1.08**

10.9.3 Verify that anchorage devices embedded in permanent construction are correctly sized and located to accommodate components.

10.9.4 Verify that electrical and gas service is correctly sized and located to accommodate fire feature.

10.9.5 Proceed with installation only after unsatisfactory conditions have been corrected.

**10.10 INSTALLATION**

10.10.1 General: Install fire feature using mounting methods indicated and according to manufacturer's written instructions.

- a. Install components level, plumb, true to line, and at locations and heights indicated, with component surfaces free of distortion and other defects in appearance.
- b. Corrosion Protection: Coat concealed surfaces of exterior aluminum in contact with grout, concrete, masonry, wood, or dissimilar metals, with a heavy coat of heat resistant bituminous paint.

**10.11 ADJUSTING AND CLEANING**

10.11.1 Remove and replace damaged or deformed components that do not comply with specified requirements. Replace components with damaged or deteriorated finishes or components that cannot be successfully repaired by finish touchup or similar minor repair procedures.

10.11.2 On completion of installation, clean exposed surfaces of fire feature according to manufacturer's written instructions, and touch up minor nicks and abrasions in finish. Maintain fire feature components in a clean condition during construction and protect from damage until acceptance by Owner.



STOCKWELL ENGINEERS, INC.  
801 N. PHILLIPS AVE., SUITE 100  
SIOUX FALLS, SD 57104  
PH: 605.338.6668  
FAX: 605.338.8750



**DOWNTOWN STREETSCAPE IMPROVEMENTS**  
**WALNUT STREET & 2ND STREET**  
YANKTON, SOUTH DAKOTA

REVISION SCHEDULE  
PLOT DATE 2/12/2018 3:51 PM  
17242 - General Notes.dwg

SEI PROJECT #: 17242

GENERAL NOTES

**L1.09**



**LEGEND**

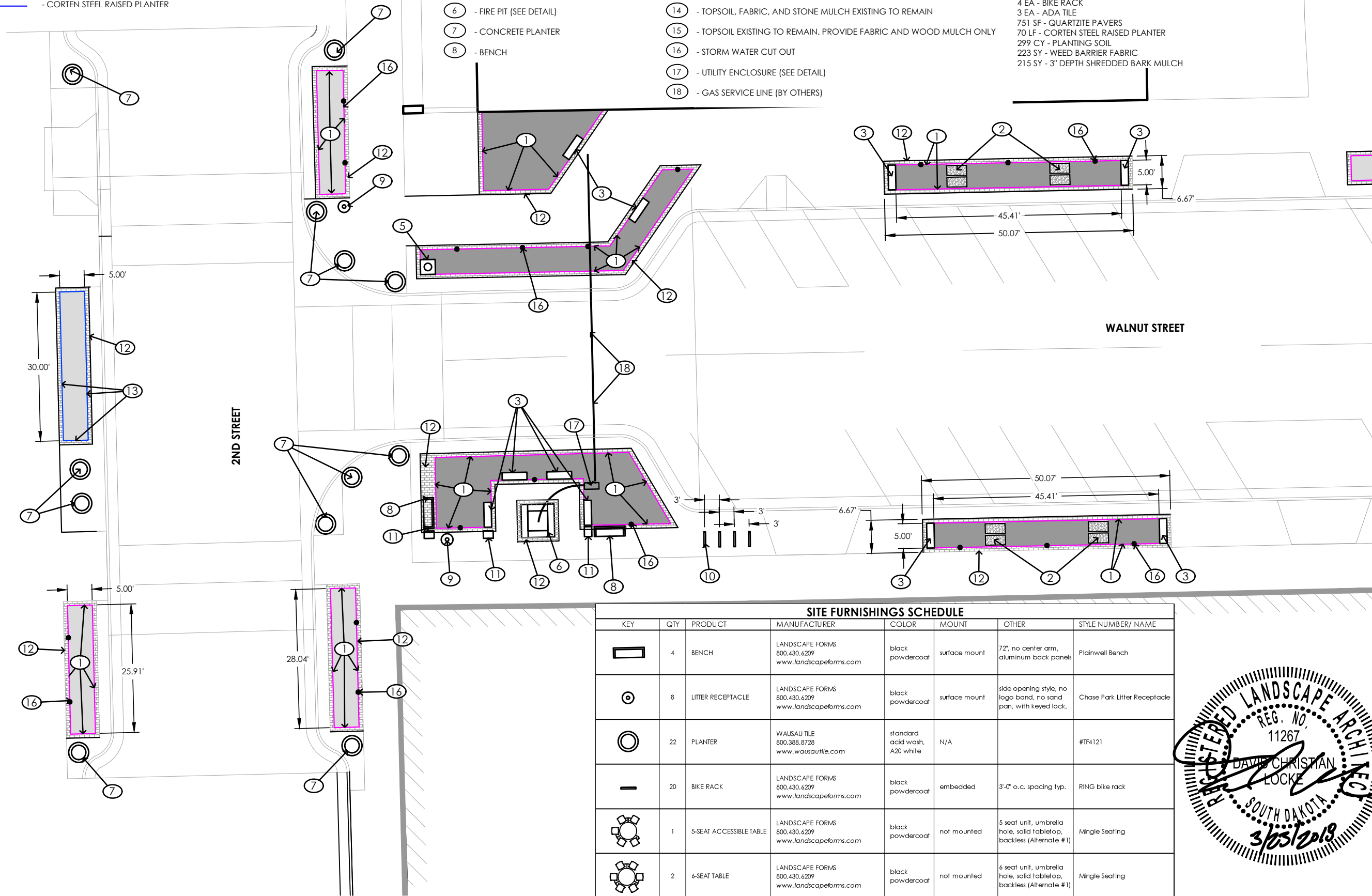
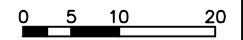
- PROPOSED QUARTZITE STEPPERS
- PROPOSED QUARTZITE PAVERS
- 2' DEPTH PLANTING SOIL
- 3.5' DEPTH PLANTING SOIL
- STORM WATER CUT OUT
- CORTEN STEEL EDGING
- CORTEN STEEL RAISED PLANTER

**KEYNOTES**

- 1 - CORTEN STEEL EDGING (SEE DETAILS)
- 2 - QUARTZITE STEPPERS (SEE DETAILS)
- 3 - LIMESTONE SEATING BLOCK (SEE DETAILS)
- 4 - GRANITE SCULPTURE BASE, RELOCATED
- 5 - YANKTON LANTERN
- 6 - FIRE PIT (SEE DETAIL)
- 7 - CONCRETE PLANTER
- 8 - BENCH
- 9 - LITTER RECEPTACLE
- 10 - BIKE RACK
- 11 - ADA TILE (SEE DETAIL)
- 12 - QUARTZITE PAVERS (SEE DETAIL)
- 13 - CORTEN STEEL RAISED PLANTER (SEE DETAIL)
- 14 - TOPSOIL, FABRIC, AND STONE MULCH EXISTING TO REMAIN
- 15 - TOPSOIL EXISTING TO REMAIN. PROVIDE FABRIC AND WOOD MULCH ONLY
- 16 - STORM WATER CUT OUT
- 17 - UTILITY ENCLOSURE (SEE DETAIL)
- 18 - GAS SERVICE LINE (BY OTHERS)

**QUANTITIES**

- 652 LF - CORTEN STEEL EDGING
- 19 EA - STORM WATER CUTOUPS
- 8 EA - QUARTZITE STEPPERS
- 10 EA - LIMESTONE SEATING BLOCK
- 1 EA - YANKTON LANTERN
- 1 LS - FIRE PIT
- 1 EA - UTILITY ENCLOSURE
- 12 EA - CONCRETE PLANTER
- 2 EA - BENCH
- 2 EA - LITTER RECEPTACLE
- 4 EA - BIKE RACK
- 3 EA - ADA TILE
- 751 SF - QUARTZITE PAVERS
- 70 LF - CORTEN STEEL RAISED PLANTER
- 299 CY - PLANTING SOIL
- 223 SY - WEED BARRIER FABRIC
- 215 SY - 3" DEPTH SHREDDED BARK MULCH



**SITE FURNISHINGS SCHEDULE**

KEY	QTY	PRODUCT	MANUFACTURER	COLOR	MOUNT	OTHER	STYLE NUMBER/ NAME
	4	BENCH	LANDSCAPE FORMS 800.430.6209 www.landscapiforms.com	black powdercoat	surface mount	72", no center arm, aluminum back panels	Plainwell Bench
	8	LITTER RECEPTACLE	LANDSCAPE FORMS 800.430.6209 www.landscapiforms.com	black powdercoat	surface mount	side opening style, no logo band, no sand pan, with keyed lock,	Chase Park Litter Receptacle
	22	PLANTER	WAUSAU TILE 800.388.8728 www.wausautile.com	standard acid wash, A20 white	N/A		#TF4121
	20	BIKE RACK	LANDSCAPE FORMS 800.430.6209 www.landscapiforms.com	black powdercoat	embedded	3'-0" o.c. spacing typ.	RING bike rack
	1	5-SEAT ACCESSIBLE TABLE	LANDSCAPE FORMS 800.430.6209 www.landscapiforms.com	black powdercoat	not mounted	5 seat unit, umbrella hole, solid tabletop, backless (Alternate #1)	Mingle Seating
	2	6-SEAT TABLE	LANDSCAPE FORMS 800.430.6209 www.landscapiforms.com	black powdercoat	not mounted	6 seat unit, umbrella hole, solid tabletop, backless (Alternate #1)	Mingle Seating



### LEGEND

- PROPOSED QUARTZITE STEPPERS
- PROPOSED QUARTZITE PAVERS
- 2' DEPTH PLANTING SOIL
- 3.5' DEPTH PLANTING SOIL
- STORM WATER CUT OUT
- CORTEN STEEL EDGING
- CORTEN STEEL RAISED PLANTER

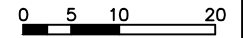
### KEYNOTES

- ① - CORTEN STEEL EDGING (SEE DETAILS)
- ② - QUARTZITE STEPPERS (SEE DETAILS)
- ③ - LIMESTONE SEATING BLOCK (SEE DETAILS)
- ④ - GRANITE SCULPTURE BASE, RELOCATED
- ⑤ - YANKTON LANTERN
- ⑥ - FIRE PIT (SEE DETAIL)
- ⑦ - CONCRETE PLANTER
- ⑧ - BENCH
- ⑨ - LITTER RECEPTACLE

- ⑩ - BIKE RACK
- ⑪ - ADA TILE (SEE DETAIL)
- ⑫ - QUARTZITE PAVERS (SEE DETAIL)
- ⑬ - CORTEN STEEL RAISED PLANTER (SEE DETAIL)
- ⑭ - TOPSOIL, FABRIC, AND STONE MULCH EXISTING TO REMAIN
- ⑮ - TOPSOIL EXISTING TO REMAIN. PROVIDE FABRIC AND WOOD MULCH ONLY
- ⑯ - STORM WATER CUT OUT
- ⑰ - 5-SEAT ACCESSIBLE TABLE (ALTERNATE NO. 1)
- ⑱ - 6-SEAT TABLE (ALTERNATE NO. 1)
- ⑲ - UNDERGROUND BUILDING UNDER SIDEWALK (SEE CIVIL PLANS)

### QUANTITIES

- 442 LF - CORTEN STEEL EDGING
- 16 EA - STORM WATER CUTOUTS
- 12 EA - QUARTZITE STEPPERS
- 10 EA - LIMESTONE SEATING BLOCK
- 1 EA - GRANITE SCULPTURE BASE, RELOCATED
- 1 EA - YANKTON LANTERN
- 7 EA - CONCRETE PLANTER
- 1 EA - BENCH
- 1 EA - LITTER RECEPTACLE
- 4 EA - BIKE RACK
- 1 EA - ADA TILE
- 478 SF - QUARTZITE PAVERS
- 221 CY - PLANTING SOIL
- 151 SY - WEED BARRIER FABRIC
- 140 SY - 3" DEPTH SHREDDED BARK MULCH
- 1 EA - 5-SEAT ACCESSIBLE TABLE
- 2 EA - 6-SEAT TABLE



STOCKWELL ENGINEERS, INC.  
215 WALNUT ST.  
YANKTON, SD 57078  
PH: 605.665.8092  
FAX: 605.665.0523



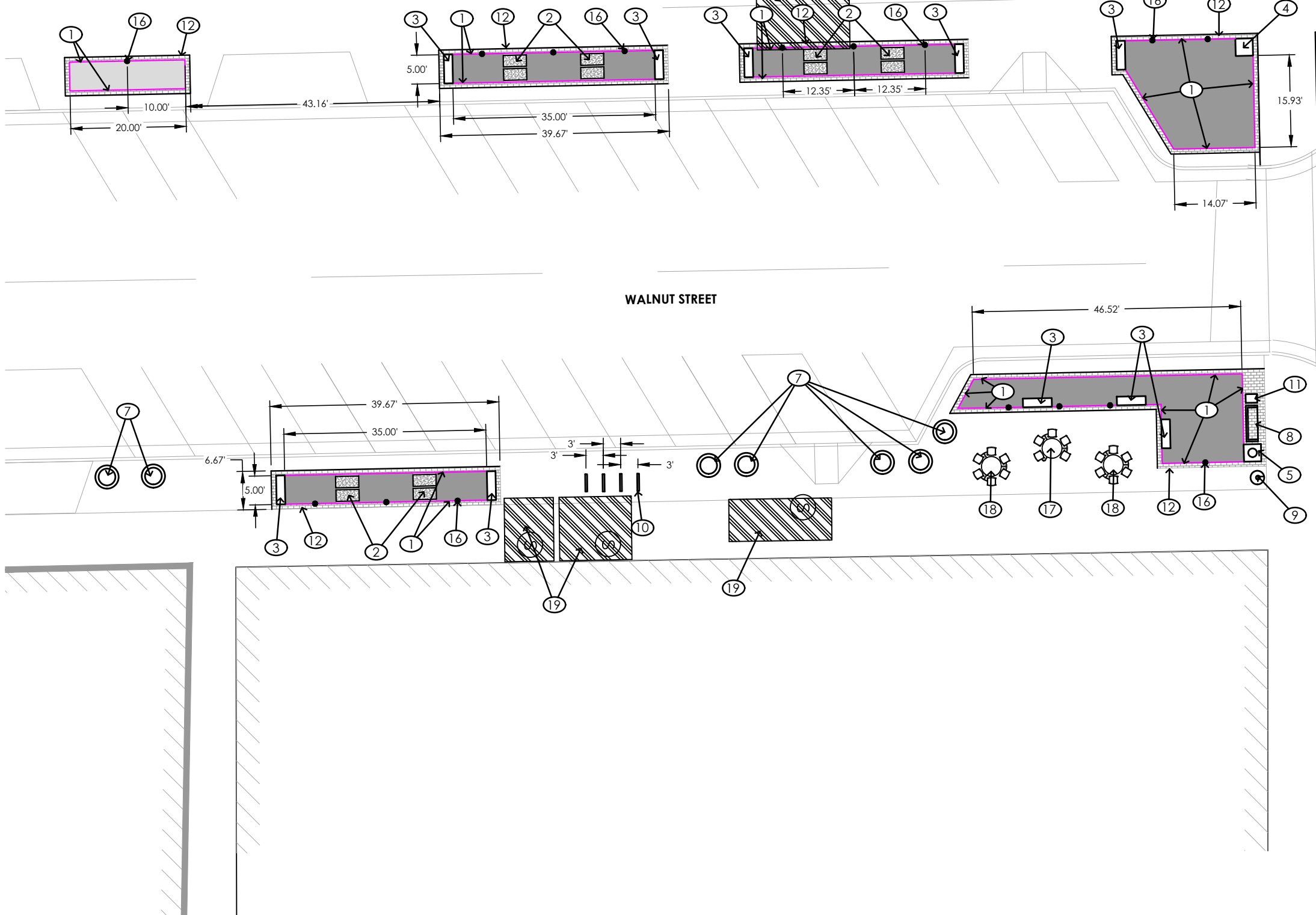
**DOWNTOWN STREETSCAPE IMPROVEMENTS**  
WALNUT STREET & 2ND STREET  
YANKTON, SOUTH DAKOTA

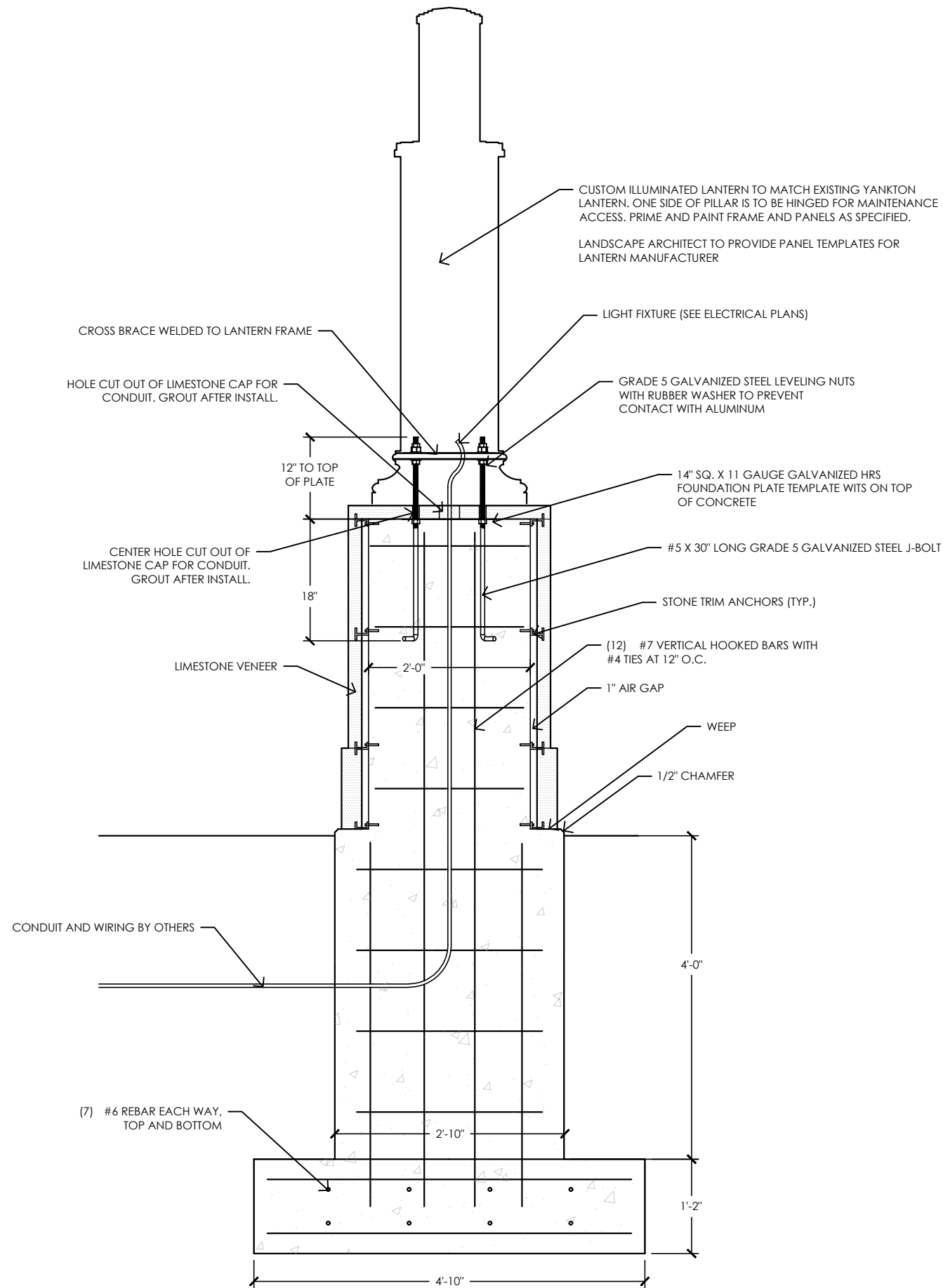
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17242 - Hardscape Plan.dwg	

SEI PROJECT #: 17242

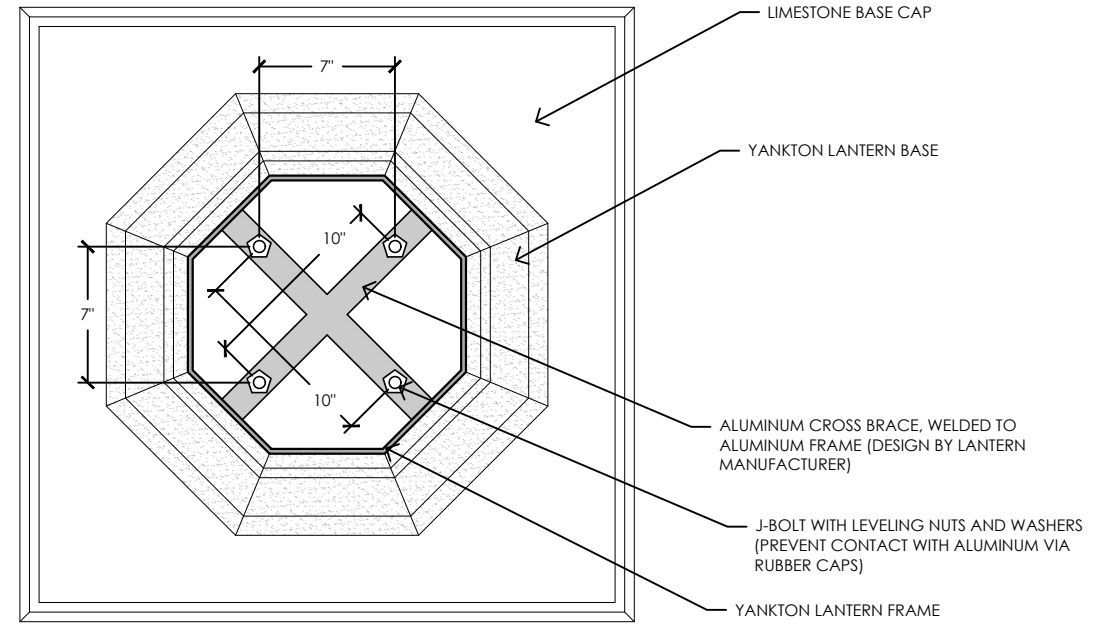
HARDSCAPE PLAN

L2.01





**01** YANKTON LANTERN LIMESTONE BASE & FOOTING SECTION - N.T.S.



NOTE:  
CONTRACTOR SHALL VERIFY DISTANCES WITH LANTERN MANUFACTURER PRIOR TO BUILDING TEMPLATE AND INSTALLING J-BOLTS

**01** YANKTON LANTERN FIXTURE CONNECTION PLAN - N.T.S.

WALNUT STREET  
STREETSCAPE IMPROVEMENTS  
YANKTON, SOUTH DAKOTA

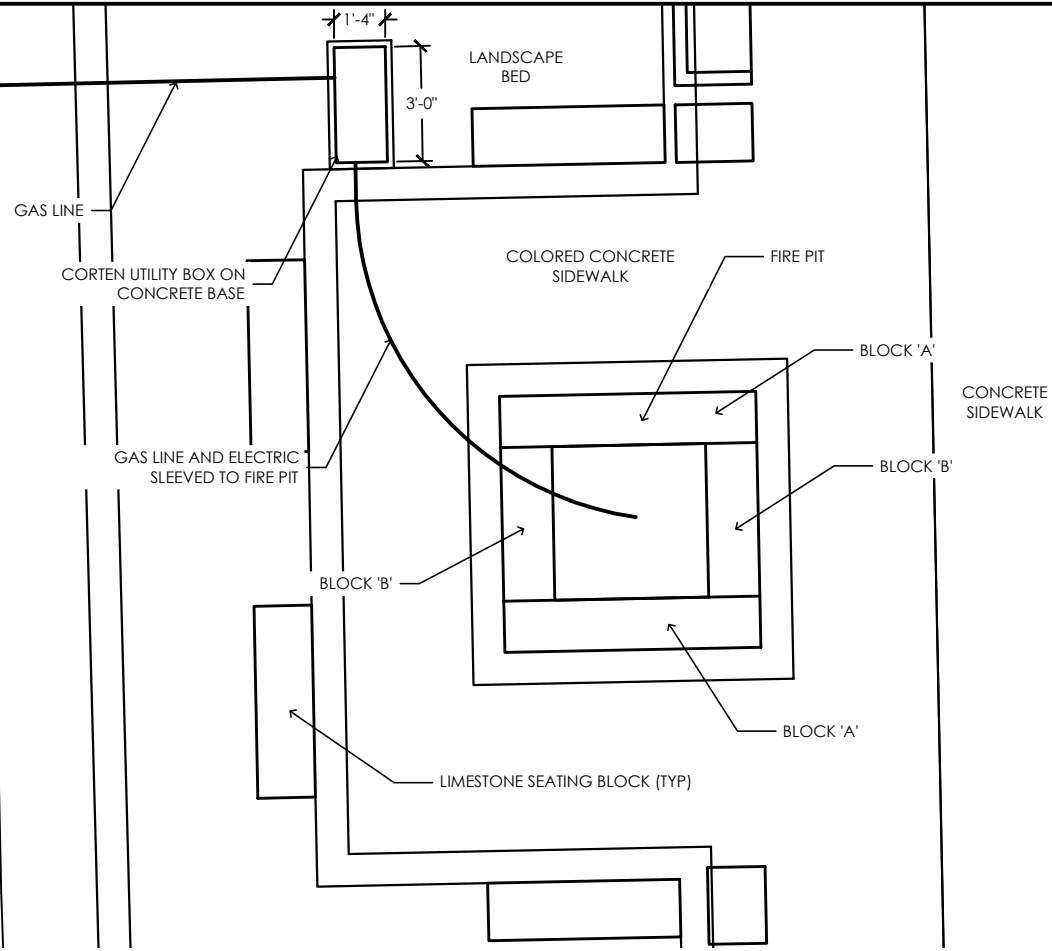
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17242 - Details.dwg

SEI PROJECT #: 17242

DETAILS

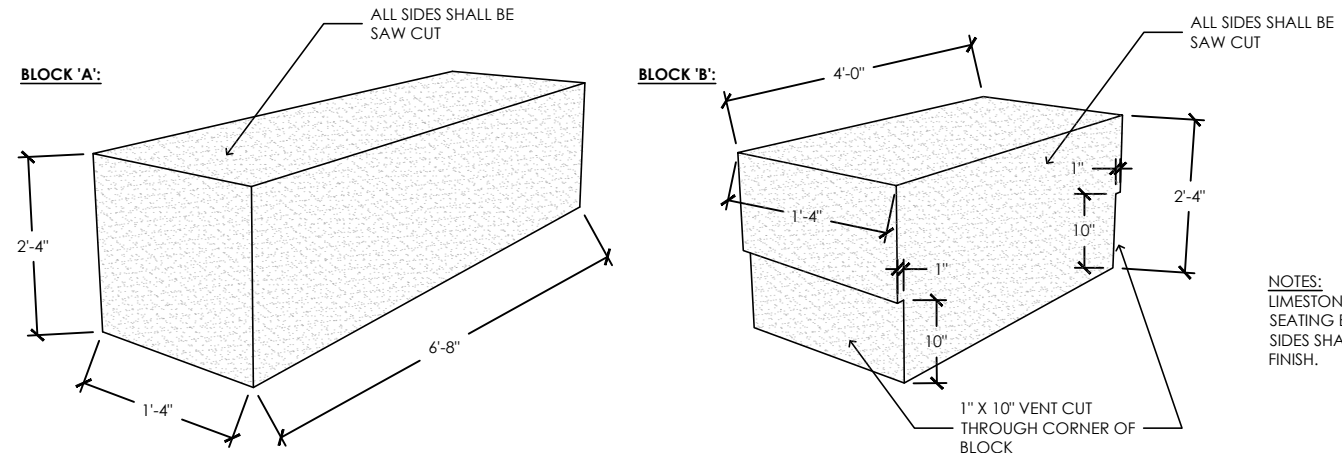
**L4.04**





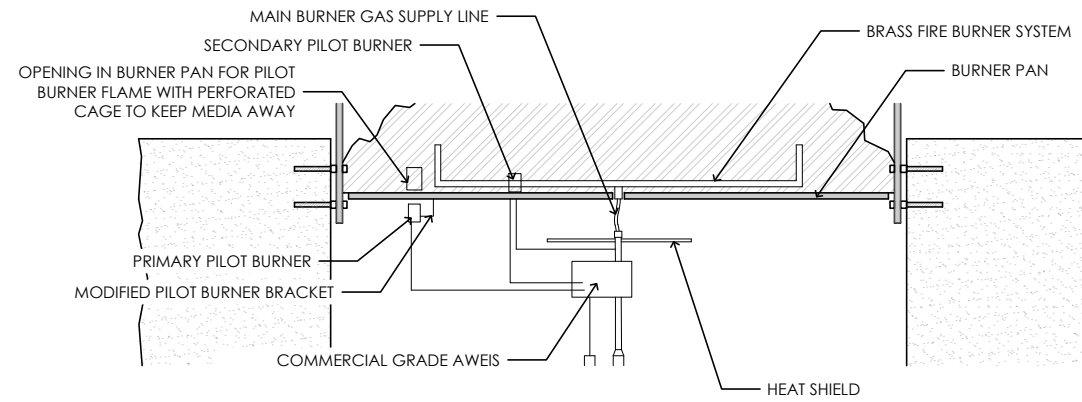
01 FIRE PIT AREA

PLAN - 1"=5'



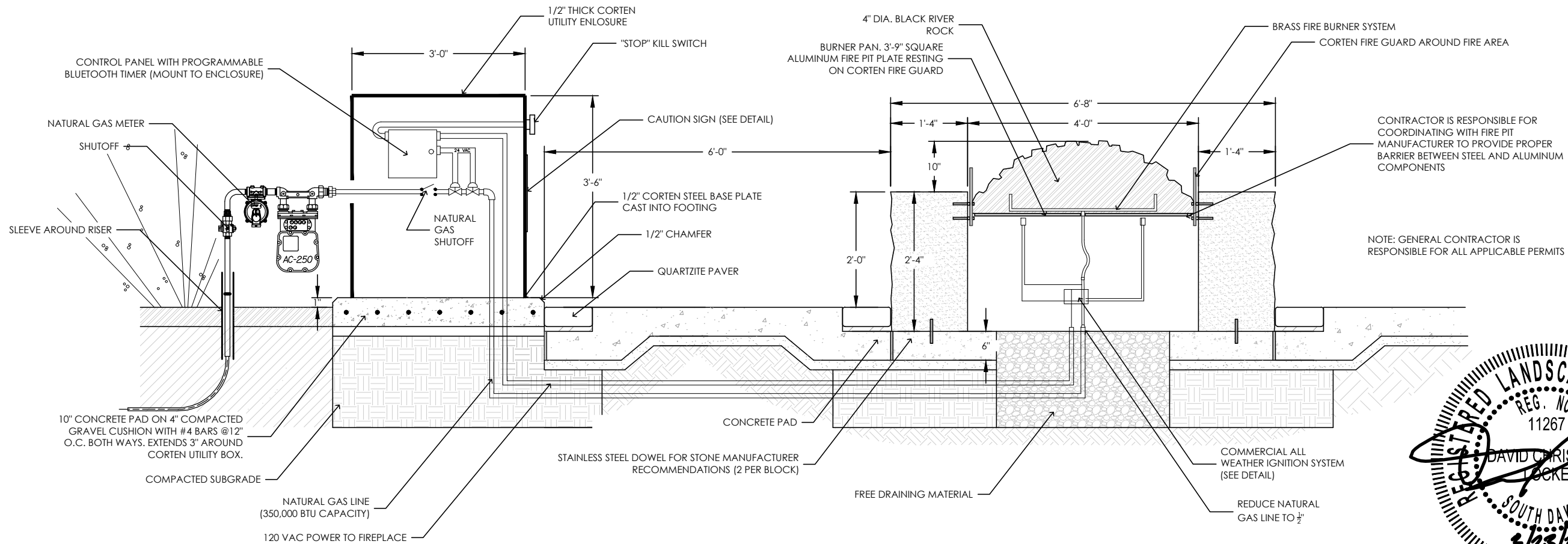
03 FIRE PIT LIMESTONE BLOCK

ELEVATION - N.T.S.



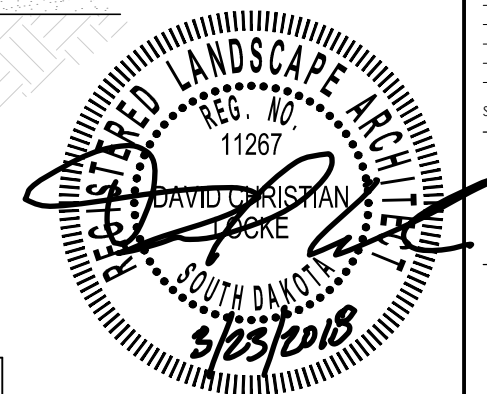
04 COMMERCIAL GRADE AWEIS - RECESSED PILOT BURNER

SECTION - N.T.S.

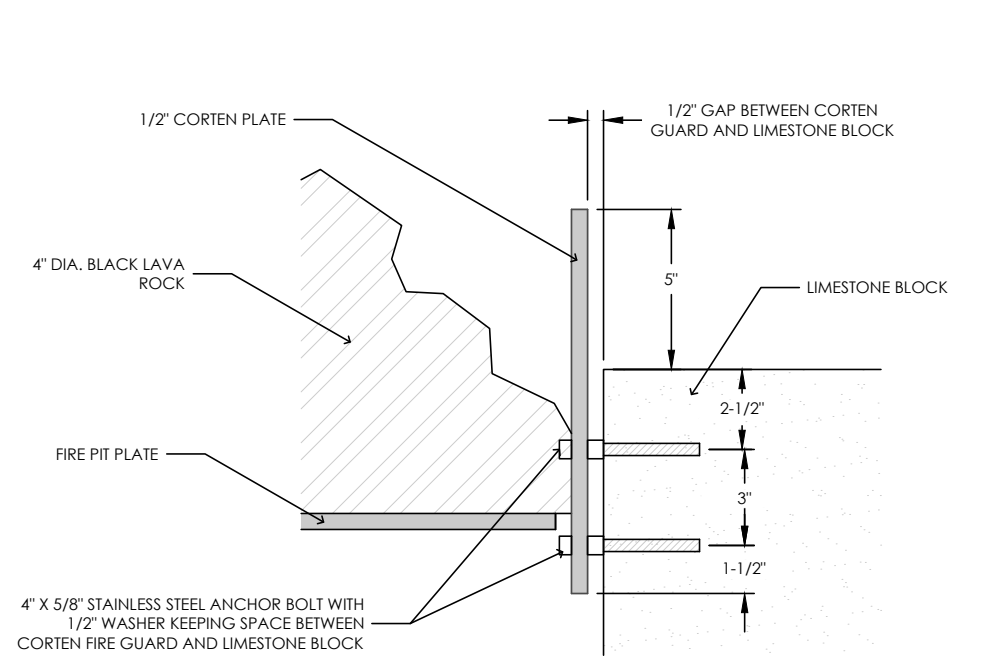


02 FIRE PIT SECTION

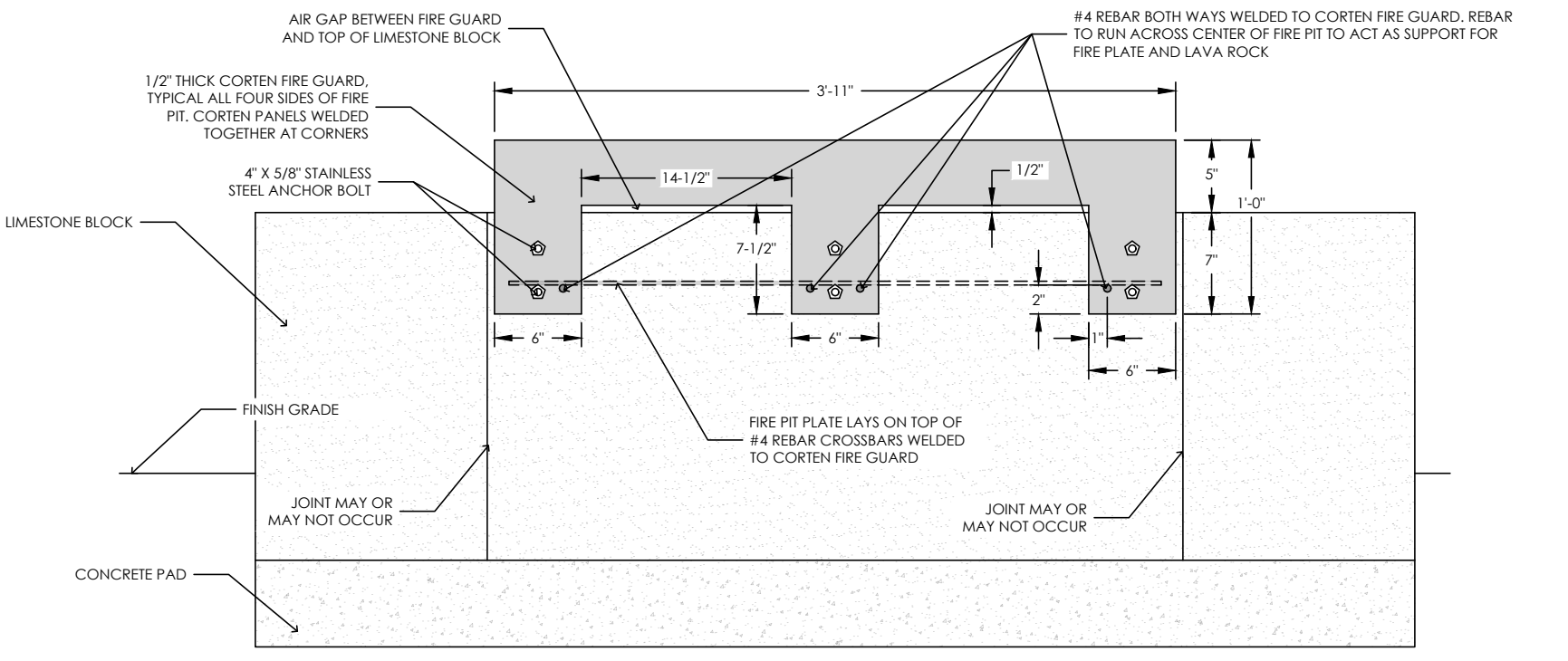
SECTION - 1/2"=1'



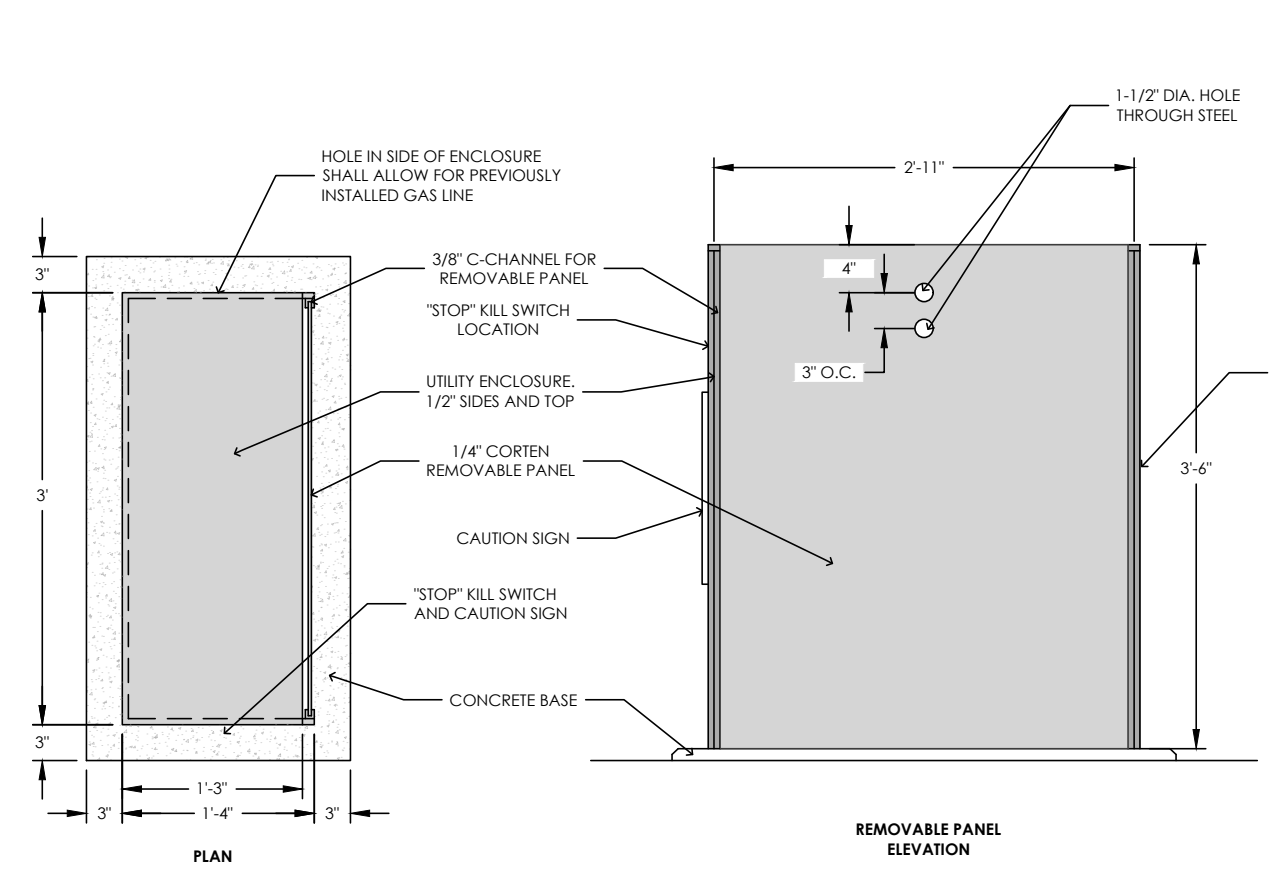




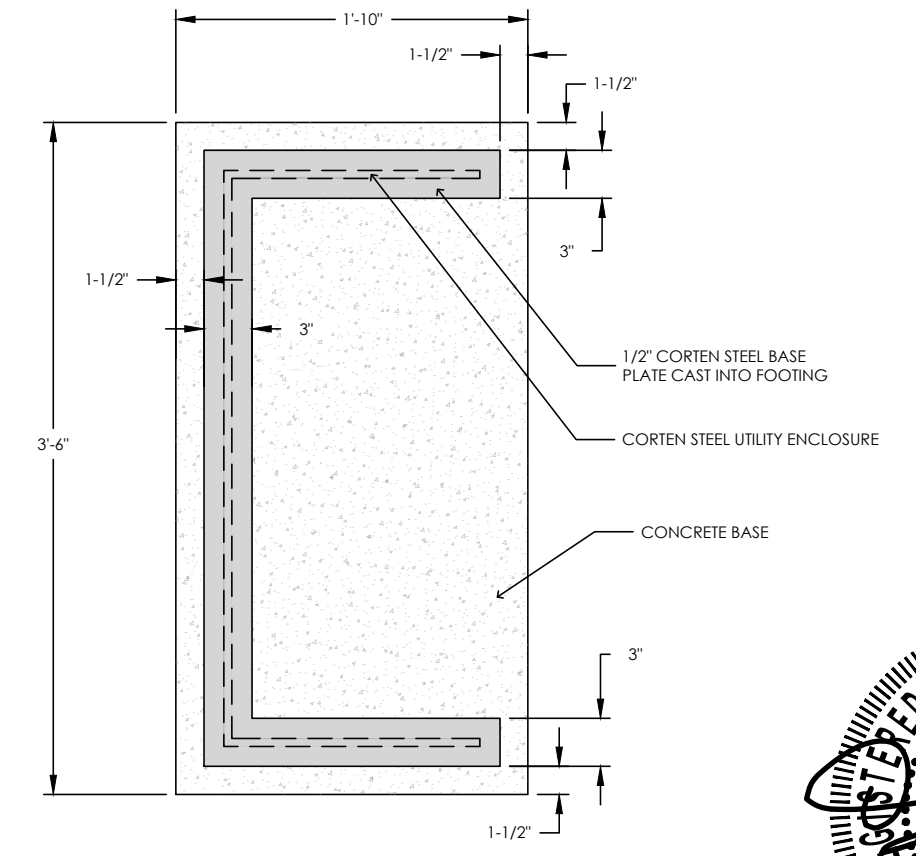
**03** CORTEN FIRE GUARD CONNECTION SECTION - N.T.S.



**04** CORTEN FIRE GUARD SECTION - N.T.S.

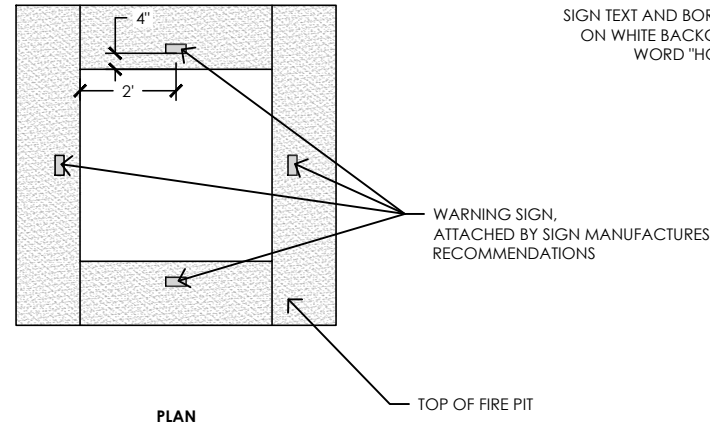


**01** CORTEN UTILITY ENCLOSURE SECTION - N.T.S.



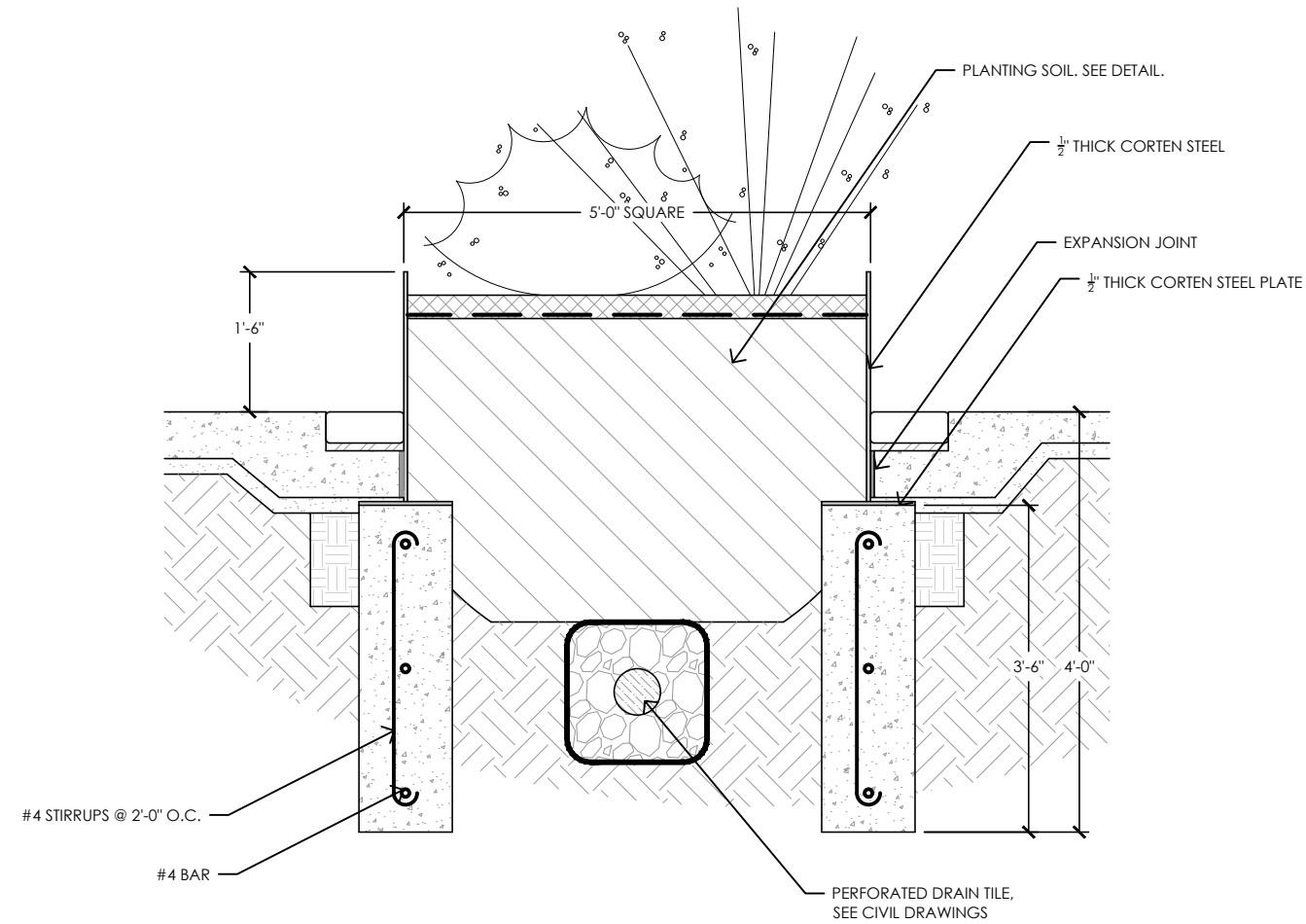
**02** UTILITY ENCLOSURE BASE PLATE SECTION - N.T.S.





03 FIRE PIT WARNING SIGN

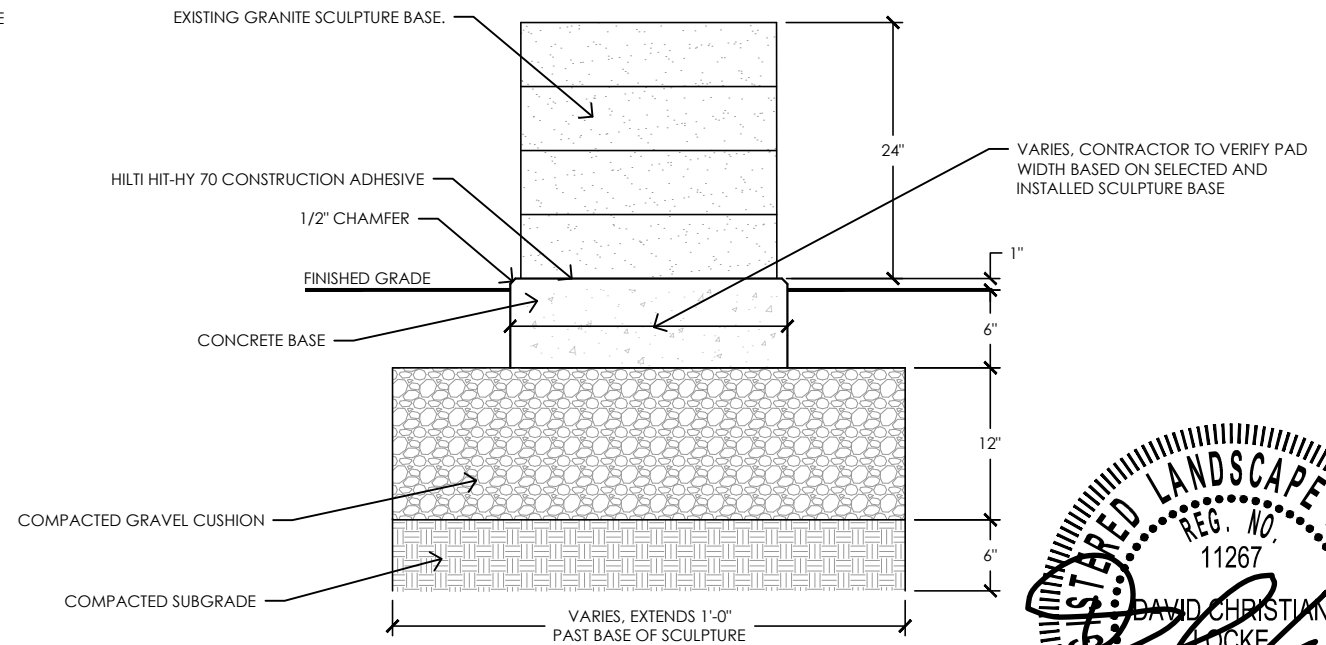
SECTION - N.T.S.



01 CORTEN STEEL PLANTER

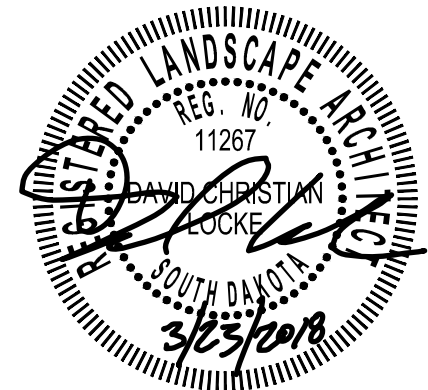
SECTION - N.T.S.

NOTE:  
ADJUST BASE ELEVATION AS REQUIRED TO SET TOP OF BASE LEVEL.

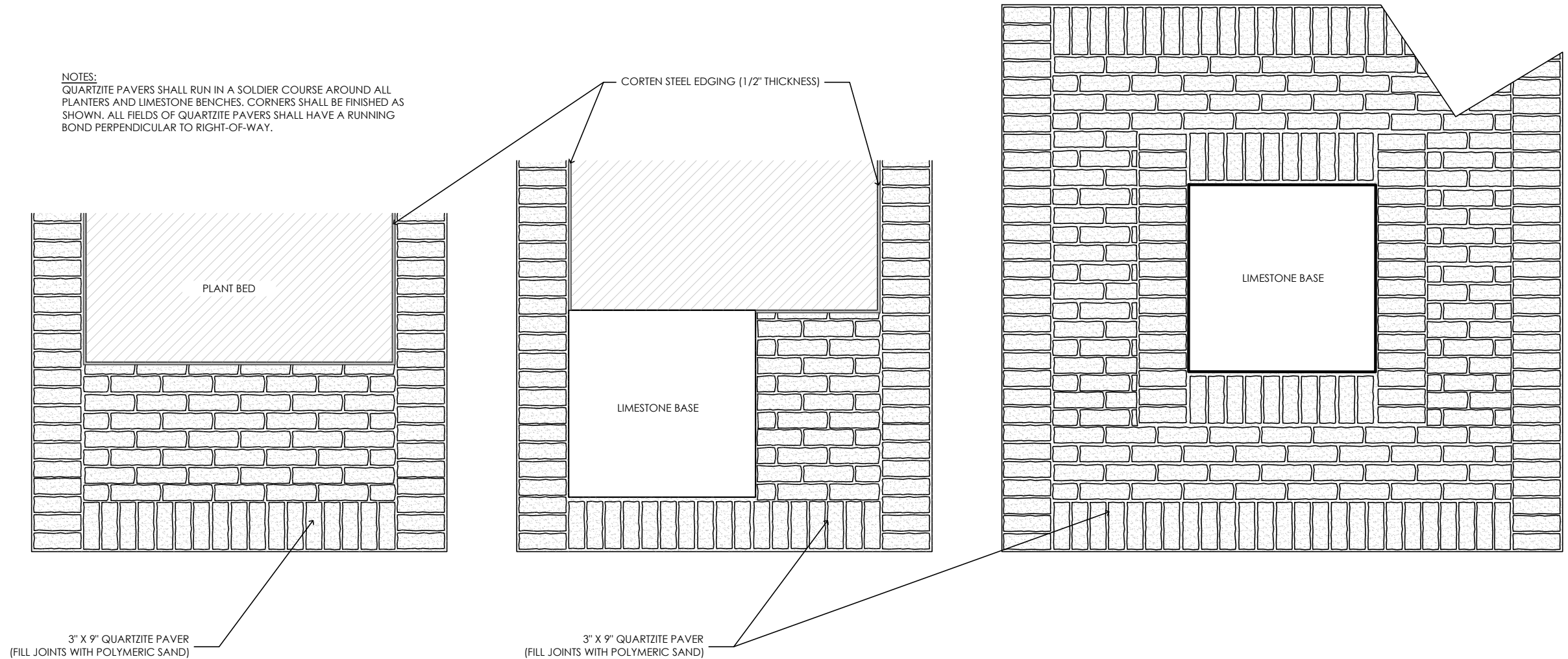


02 GRANITE SCULPTURE BASE

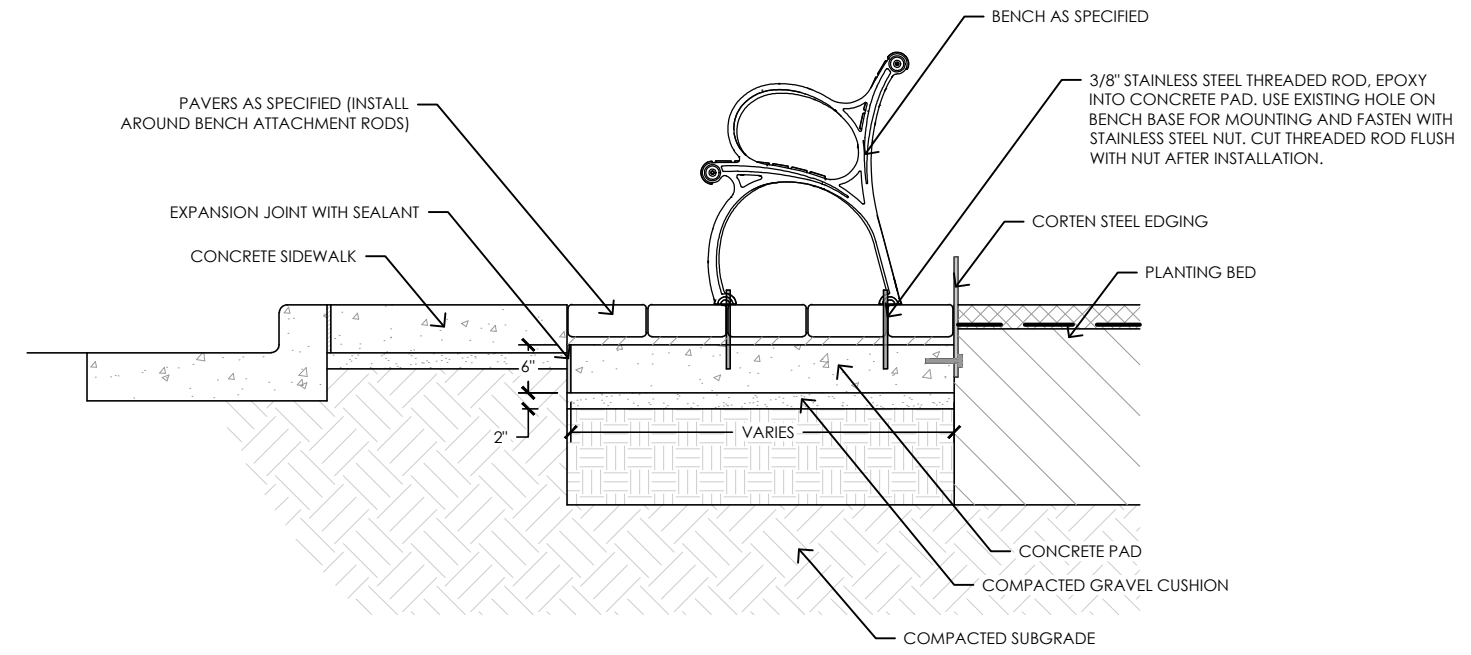
SECTION - N.T.S.



NOTES:  
 QUARTZITE PAVERS SHALL RUN IN A SOLDIER COURSE AROUND ALL PLANTERS AND LIMESTONE BENCHES. CORNERS SHALL BE FINISHED AS SHOWN. ALL FIELDS OF QUARTZITE PAVERS SHALL HAVE A RUNNING BOND PERPENDICULAR TO RIGHT-OF-WAY.



**01** STREETScape PAVER PATTERNS PLAN - N.T.S.



**01** BENCH MOUNTING DETAIL PLAN - N.T.S.



**WALNUT STREET**  
 STREETScape IMPROVEMENTS  
 YANKTON, SOUTH DAKOTA



CONCRETE PAD  
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DETAILS

**L4.09**