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RASHELLE HOBBS  
Recorder, Salt Lake County, UT  
SNELL & WILMER  
BY: eCASH, DEPUTY - EF 36 P.

**When Recorded, Return To:**

Sandy City Attorney's Office  
Attn: Steven Osborn  
10000 Centennial Pkwy  
Sandy, UT 84070

**APN: See Exhibits "A," "A-1," and "B"**

**NON-EXCLUSIVE EASEMENT AGREEMENT**

THIS Non-exclusive Easement Agreement ("**Agreement**") is made and entered into this 7 day of December, 2020 ("**Effective Date**"), by and between **ST MALL OWNER, LLC**, a Delaware limited liability company, (hereinafter referred to as "**Grantor**"), and **SANDY CITY**, a Utah municipal corporation (hereinafter referred to as "**Grantee**"). Grantor and Grantee are sometimes referred to herein as a "**Party**," and collectively as the "**Parties**."

RECITALS

WHEREAS, Grantor owns certain real property, identified as Salt Lake County Tax ID / Sidwell No. 27-13-227-021-4001, the street address of which is approximately 10260 South Centennial Parkway, Sandy, Utah ("**Grantor's Property**"); and

WHEREAS, Grantor's Property is crossed from east to west by the Dry Creek drainage channel ("**Dry Creek**"), which drains an area from Bell's Canyon west to the Jordan River; and

WHEREAS, Salt Lake County has the primary obligation of maintaining flood control facilities in its jurisdiction including in Dry Creek, and has a right under the Salt Lake County flood control ordinance(s), including Chapter 17.08 thereof, to go upon and do work within the Phase 2 Channel Area of Dry Creek; and

WHEREAS, all construction and maintenance work on flood channels and within forty feet from the top of the bank of any flood channel, including Dry Creek, within Salt Lake County, is under the jurisdiction and control of Salt Lake County, and may require a permit from Salt Lake County (Salt Lake County Ordinance Section 17.08.020(B)); and

WHEREAS, the Parties understand that Salt Lake County has ultimate responsibility for Dry Creek operation and maintenance to meet flood carrying capacity; and

WHEREAS, the Grantee is authorized but not required by Salt Lake County to perform flood control and restoration work in Dry Creek within Sandy City; and

WHEREAS, Grantee received a permit from Salt Lake County for the construction of the improvements of the Dry Creek Phase 2 Channel improvements, and was reimbursed by Salt Lake County for some of the costs of those improvements; and

WHEREAS, on or about January 29, 2018, Grantor and Grantee entered into a Right of Entry and Occupancy Agreement (the "**Right of Entry and Occupancy Agreement**") for the

construction of certain channel, landscaping, recreational and pedestrian path improvements to and along Dry Creek between Centennial Parkway and Monroe Street in the area described and depicted in **Exhibit "A"**, attached hereto (herein called the "**Phase 2 Channel Area**"), to reduce flooding potential and to provide recreational and aesthetic improvements near and along Dry Creek; and

WHEREAS, Grantee contracted with Beck Construction and Excavation, Inc. ("**Beck Construction**") for the Dry Creek and park improvements. Beck Construction has completed the construction of (i) the Dry Creek improvements (the "**Channel Improvements**"), which include improvements to Dry Creek, and related ground work, and (ii) the recreational and aesthetic improvements outside of the Dry Creek (the "**Park Improvements**") on the ground on both sides and above Dry Creek, which include a pedestrian pathway, bridge, landscaping, tables and benches and other recreational improvements, referred to or designated herein on the Easement Areas (defined below) substantially according to the construction drawings on **Exhibit "A-1"** attached hereto (the Channel Improvements and the Park Improvements are collectively referred to herein as the "**Improvements**"); and

WHEREAS, this Agreement adds to, enhances, and in no way diminishes the County's authority, nor the Grantee's authority to conduct flood control work within the Dry Creek Flood Channel on behalf of the County, nor does this Agreement limit the Grantee's emergency rights for access in flood events; and

WHEREAS, the Parties intend that Grantee have a permanent non-exclusive easement to inspect, maintain, repair, reconstruct, and reconfigure the Phase 2 Channel Area; and

WHEREAS, the Parties intend that Grantee and the Grantee-Authorized Parties have a non-exclusive easement for the construction, reconstruction, inspection, maintenance, repair of the landscaping, pedestrian path, bridge, benches, picnic tables, and other improvements built by Grantee or the Grantee-Authorized Parties (defined later) from time to time along the Phase 2 Channel Area for so long as the general public shall have an easement to use the Public Easement Property (defined later) under this Agreement; and

WHEREAS, the Parties intend that an easement be created for public use on the "**Public Easement Property**" (as described in **Exhibit "B"**, attached hereto) for passage over and across such Public Easement Property by pedestrians and persons on bicycles, skateboards, kick-scooters, and for similar small self-powered or electric vehicles as set out below, and for brief recreational use as set forth herein; and

WHEREAS, the Parties do not intend to create or constitute a public forum on the Public Easement Property or other properties on which an easement is allowed hereunder; and

WHEREAS, the Parties desire to enter into this Agreement according to the terms set forth below,

## AGREEMENT

NOW THEREFORE, in consideration of the foregoing recitals, and the mutual promises and obligations contained herein, the receipt and sufficiency of which is hereby acknowledged, Grantor and Grantee hereby covenant and agree as follows:

### 1. Grant of Easements.

a. **Phase 2 Easement.** Grantor hereby grants to Grantee a permanent non-exclusive easement (“**Phase 2 Easement**”) over and across the Phase 2 Channel Area for the purpose of allowing Grantee and its officers, employees, agents, and contractors (collectively, the “**Grantee-Authorized Parties**”), to inspect, maintain, repair, reconstruct, and reconfigure the Improvements in accordance with plans and specifications approved by Grantor, which plans and specifications are identified on **Exhibit “A-1”** attached hereto.

b. **Public Use Easement.** Grantor hereby grants to the general public a nonexclusive easement (“**Public Use Easement**”) on, over, and across the Public Easement Property for the following uses:

- i. for **ingress and egress**, including along the path constructed by Grantee under the Right of Entry and Occupancy Agreement for use by pedestrians for walking, running, roller-skating, cross-country skiing; for bicycling, skateboarding, the use of kick-scooters, and for similar uses, including small battery-powered vehicles designed for speeds under 20 mph and for use by only one person, but not for fuel-powered combustion-engine vehicles except by authorized personnel of Grantor or Grantee as provided in Subsection 1(c) below; and
- ii. for brief recreational and common urban park use, including, without limitation, sitting or lying on benches or on the ground, bird and wildlife watching, playing, exercising, picnicking, walking, and similar uses, but not including camping. No sunbathing or playing in the water is allowed.
- iii. Unless earlier terminated as provided herein, the Public Use Easement shall commence upon the delivery to Grantor of a certificate of completion of the Improvements issued by Grantee or the Grantee-Authorized Parties, and shall continue thereafter for a period of fifty (50) years (the “**Term**”). After the Term, the Public Use Easement shall automatically renew for one (1) successive period of fifty (50) years (the “**Renewal Term**”), unless either party provides written notice to the other Party of its objection to such renewal at least ninety (90) days in advance of the first day of the Renewal Term. Grantor reserves the right to establish rules consistent with the terms of this Agreement restricting or altogether prohibiting access to or use of the Public Easement Property, including without limitation, rules relating to safety, duration, and time of use, provided that public access to the trail and the bridge over Dry Creek, which may not be restricted without written approval signed by the City’s Mayor or Chief Administrative Officer. Notwithstanding the foregoing, the Public Use Easement is subject to temporary closures for construction,

repair, and maintenance, for traffic regulation and control, and to prevent public dedication of the Easement Areas (defined below). The Parties may by agreement between themselves permit or restrict, or temporarily or permanently terminate the Public Use Easement; it is understood that no consent of any person other than Grantor and Grantee shall be necessary for such restriction or termination.

- c. **Maintenance Easement.** Grantor hereby grants to Grantee a non-exclusive easement (“**Maintenance Easement**”) on, over, and across the Phase 2 Channel Area and the Public Easement Property (collectively referred to herein as the “**Easement Areas**”), for the purpose of allowing Grantee and the Grantee-Authorized Parties to inspect, maintain, repair, reconstruct, and replace the Improvements, including, without limitation, path, trail, bridges, benches, signs, sprinkler system, landscaping, and other improvements constructed by Grantee or the Grantee-Authorized Parties on the Easement Areas, in accordance with this Agreement, and the right of ingress and egress in, from, and to said Easement Areas for the Term of the Public Use Easement, as may be renewed. Notwithstanding other language contained herein prohibiting the use of certain fuel-powered motorized vehicles on the Easement Areas in the Recitals and in Subsection 1(b)(i), Grantee’s employees and volunteers may use reasonably needed motorized equipment and vehicles in the inspection, maintenance, and repair of the Improvements, and in monitoring and preserving public safety therein. Grantee’s employees and volunteers shall exercise reasonable care to avoid injury to persons and property while performing any such work.

2. **Costs.** All expenses and costs for the construction, inspection, maintenance, and repair of the Park Improvements shall be paid by Grantee. Any Channel Improvements undertaken by Grantee shall also be paid by Grantee.

### 3. **Grantee’s Duty to Inspect and Maintain Improvements.**

(a) **Park Improvements.** For the duration of the Term, and the Renewal Term, if applicable, Grantee shall inspect and maintain the Park Improvements in the same manner as Grantee inspects and maintains its other trails, paths, and park improvements, subject to Grantee’s City Council funding, equipment, and manpower availability. Grantee shall coordinate with Grantor and conduct its inspection and maintenance activities in such a manner so as to minimize interference with Grantor’s business operations.

(b) **Channel Improvements.** Other than as required by law and except as otherwise provided in this Agreement, Grantee is not responsible for maintaining the Channel Improvements.

(c) **Repairs.** Grantee shall request, within the terms of the construction contract with Beck Construction for the Improvements, that Beck Construction repair any defects in the construction of the Park Improvements and Channel Improvements, and if that fails, (i) with respect to the Channel Improvements, Grantee will request that Salt Lake County effect those repairs based upon Salt Lake County’s flood control obligations; and (ii) with respect to the Park Improvements, Grantee shall repair those defects. Grantor shall have no obligation to undertake improvements or maintenance of Dry Creek other than (i) as initiated by Grantor for

its convenience and future development interests, such as relocating Dry Creek, subject to the approval and a permit issued by Salt Lake County, or (ii) as required by law, agreement, or court order arising from negligent or unlawful work by Grantor, its employees, contractors or agents, such as, but not limited to, creating some impediment to the Dry Creek flow.

(d) **Notice of Failure.** In the event that Grantor believes that Grantee has failed to satisfy its inspection and maintenance obligations, Grantor shall give Grantee written notice of such failure, and the Parties shall follow the procedures set forth in **Section 7** below.

**4. Additional Improvements.** Grantee, at its sole expense, may erect and remove its signs and make other minor additional park improvements on the Easement Areas without the permission of Grantor, provided that such minor park improvements are valued at an aggregate of Two Thousand Dollars (\$2,000.00) or less per calendar year. Notwithstanding anything to the contrary herein, Grantee shall in good faith attempt to coordinate any additional park improvements with Grantor.

**5. No Public Forum.** Nothing in the Public Use Easement created in this Agreement shall be deemed to create or constitute a public forum, limited or otherwise, on the Public Easement Property except as otherwise required by law.

**6. Signs and Notices.** Grantee may post on the Public Easement Property signs and notices stating the rules and regulations governing its use by the public, and stating further that the Public Easement Property is private, and may mention that it is owned by Grantor or its successor. Grantor may also post signs and notices, including advertising. All such signs and notices shall be consistent with Grantee's ordinances and rules, this Agreement, and the rules of Grantee and Grantor governing use of the Public Easement Property.

**7. Meet and Discuss; Modify Agreement.** If Grantor is dissatisfied with the condition, use, management, location or policing of the Improvements, or use of the Public Easement Property by the public or Grantee, or wishes to discuss Grantee's or public use of the Easement Areas, Grantor may request and shall from time to time, but not more often than once every sixty (60) days (unless otherwise agreed by Grantee), be granted a timely hearing with one or more authorized representatives of Grantee, who shall give serious consideration to the concerns shared by Grantor, including those about the condition, use, and management of the Improvements on the Easement Areas. The Parties also shall each give serious consideration to a request by the either Party to modify this Agreement as reasonably needed. In the event Grantor and Grantee fail to resolve such concerns, either Party may give to the other written notice of such failure, after which the Parties may pursue other remedies provided for herein or available at law.

**8. Grantor Reservations.** Grantor hereby expressly reserves and shall have the right to use and enjoy the Easement Areas for itself, its successors, assigns, agents, invitees, permittees, and employees (collectively, the "**Grantor-Authorized Parties**;" the right at all times and for any lawful purpose to go upon, across, and to use the said Easement Areas in any manner reasonably consistent with the terms of this Agreement.

**9. Restoration.** Upon completion of any repair or maintenance work performed by Grantee or the Grantor-Authorized Parties on the Easement Areas, Grantee shall promptly restore said property to a condition equal or superior to that existing prior to such work.

10. **Term.** This Agreement shall be in full force and effect from the Effective Date and shall continue in perpetuity, except (i) as otherwise provided in this Agreement, including Section 12, or elsewhere, (ii) as otherwise amended, modified, or terminated by written agreement executed by both Parties, or (iii) as otherwise subject to law or court order to termination as expressly provided herein.

11. **No Liens; Liability.** Grantee agrees not to permit or suffer, and to the extent permitted or suffered, cause to be removed and released, any mechanic's lien, materialmen's or other lien on account of supplies, machinery, tools, equipment, labor, or materials furnished or used in connection with entry or work upon the Easement Areas or any portion of Grantor's other real property as a result of Grantee's or the Grantee-Authorized Parties' use and work hereunder.

12. **Default and Cure; Reimbursement.** If at any time, Grantee should substantially fail to perform any of its obligations under this Agreement, then Grantor shall provide Grantee with written notice thereof. Grantee shall thereafter cure any such failure (i) if such cure will reasonably cost Grantee Ten Thousand Dollars (\$10,000.00) or less, within thirty (30) days of Grantee's receipt of such notice, or (ii) if such cure will reasonably cost Grantee over Ten Thousand Dollars (\$10,000.00), within ninety (90) days of Grantee's receipt of such notice; provided that in respect to (i) or (ii), if the cure cannot reasonably be completed in the time allowed, Grantee shall be allowed such additional time as is reasonably needed to complete the cure, on condition that Grantee commences such cure within the initial applicable cure period, and thereafter diligently pursues the cure to completion. If Grantee fails to cure within the applicable cure period, upon written notice thereof, Grantor shall have all rights and remedies available at law and equity, including without limitation, the right (but not the obligation) to perform such obligation(s) contained in this Agreement on behalf of Grantee, and be reimbursed by Grantee upon demand for the reasonable costs thereof, or in the event of a substantial breach which remains uncured as required in this Section, or in the event a condition on the Easement Areas, or any portion thereof, remain substantially unsafe or substantially unsightly after notice by Grantor as provided in this Section, then Grantor may terminate the Public Use Easement or this Agreement in its entirety.

13. **Notices.** All notices given pursuant to this Agreement shall refer to this Agreement by its title, date, and parties, and must be in writing and delivered personally, or by U.S. Mail, or established commercial express delivery service, such as Federal Express, with postage or delivery charge prepaid, return receipt requested, and addressed to the person and address designated below. If personally delivered, notice is effective upon delivery or refusal to accept such delivery. If mailed, notice is effective three (3) days after mailing. If sent via established express delivery service, notice is effective on the day of confirmed delivery (or rejection, if sent to the correct addressee)

If to Grantor: Chief Administrative Officer  
Sandy City  
10000 South Centennial Parkway, Suite 300  
Sandy, UT 84070

With a copy to: Sandy City Attorney  
10000 South Centennial Parkway, Suite 301  
Sandy, UT 84070

If to Grantee: Gary Karl  
ST Mall Owner, LLC  
100 North Sepulveda Boulevard, Suite 1925  
El Segundo, CA 90248

With a copy to: Leeza Evensen  
Snell and Wilmer L.L.P.  
15 West South Temple, Suite 1200  
Salt Lake City, UT 84101

The foregoing addresses may be changed by giving notice of such change in the manner provided for in this Section.

**14. Indemnification.** Except to the extent resulting from the negligence or willful misconduct of Grantor or the Grantor-Authorized Parties, and subject to the protections offered to Grantee under the Utah Governmental Immunity Act, Grantee agrees to indemnify, up to the limits of liability allowed under the Utah Governmental Immunity Act, Utah Code Chapter 63G-7, as it may be modified from time to time ("**Governmental Immunity Act**"), defend and hold Grantor and the Grantor-Authorized Parties, harmless from and against any and all claims, actions, causes of action, demands, costs, liabilities, judgments, costs or expenses (collectively "**Claims**"), caused by the willful or negligent acts or omissions of Grantee or the Grantee-Authorized Parties in the maintenance, construction, inspection, and repair of the Improvements on the Easement Areas. For any Claims caused by design flaws, Grantee agrees to meet and discuss resolution of such Claims with the Grantee-Authorized Parties, and in cooperation with Grantor, through, for example, available warranties, insurance, etc. Grantee shall seek to have Grantor named as an additional insured on all insurance policies required of contractors in construction contracts with the Grantee-Authorized Parties for substantial work relating to the Improvements.

The indemnification set forth in this Section shall not apply to any pre-existing condition (including, without limitation, the condition of Dry Creek prior to the construction of the Improvements, and the existence of any hazardous or toxic substances in, on, under, or about Grantor's Property or Grantor's adjoining property), but the indemnification in this Section shall apply to any exacerbation of a pre-existing condition in, on, under, or about Grantor's Property to the extent, if any, said exacerbation results from the willful or negligent act, omission, or any act of Grantee or the Grantee-Authorized Parties. Grantee shall promptly notify Grantor in writing of the discovery during the Improvement work of any hazardous or toxic substance on the Property, or of any pre-existing condition that Grantee believes likely to cause significant damage to any person or the Property or Grantor's other real property. The provisions of this **Section 14** shall survive the termination of this Agreement.

**15. Liability Insurance.** So long as Grantee invites public use of the Public Easement Property, (i) Grantee shall maintain a liability insurance policy that includes coverage of the Improvements, with limits of at least One Million Dollars (\$1,000,000.00) each occurrence and at least Two Million Dollars (\$2,000,000.00) in the aggregate, which policy shall name Grantor as an additional insured; (ii) Grantor shall have the right to reasonably require that Grantor's lender(s), tenant(s), affiliate(s), or other Parties be named as additional insured(s); and (iii)

Grantor shall be entitled to receive a certificate of insurance showing the foregoing coverage upon request. Grantee may self-insure for its obligations under this Section.

**16. Condemnation.** In the event that Grantor restricts access or the use to any part of the Public Easement before the end of the term of this Agreement or the renewal thereof, Grantee shall not be required to pay in condemnation for the value of any of the improvements it has made or will have made on the Easement Areas prior to such condemnation.

**17. Miscellaneous.**

- a. **Recitals; Headings.** The recitals set forth above are hereby incorporated by this reference. The headings in this Agreement are intended for convenience only and shall not be used to vary or interpret the intent of the text.
- b. **Binding Effect; Assignment.** This Agreement and all rights, covenants, and restrictions contained herein shall, to the fullest extent permitted by law and equity and without regard to technical classifications or designations, be deemed to be covenants running with the land and shall be binding upon and inure to the benefit of the Parties hereto and their respective successors and assigns. The rights of Grantee created pursuant to this Agreement are personal to the specific Grantee named herein and may not be assigned or transferred to any other person, without the prior written consent of Grantor. Any such assignment or transfer without the required consent shall be null and void.
- c. **Governing Law.** This Agreement shall be governed and construed in accordance with the laws of the State of Utah. The Parties agree that all actions and proceedings arising out of or relating directly or indirectly to this Agreement or any ancillary agreement or any other related obligations shall be litigated solely and exclusively in the state courts located in Salt Lake County, Utah, and that such courts are convenient forums. Each party hereby submits to the personal jurisdiction of such courts, subject to law, for purposes of any such actions or proceedings.
- d. **Entire Agreement.** This Agreement, including the recitals and Exhibits attached hereto, all of which are incorporated herein by this reference, constitutes the entire agreement between the Parties with respect to the subject matter hereof.
- e. **Supersedes Right of Occupancy Agreement.** This Agreement entirely supersedes and replaces the Right of Entry and Occupancy Agreement, which shall have no further force or effect upon the execution by both parties of this Agreement and delivery of one executed original to the Grantee.



- f. **Amendments.** This Agreement may be amended, modified, or supplemented only by a written document executed by both Parties, or their permitted successors and assigns.
- g. **Validity of Agreement.** Grantor represents and warrants that this Agreement does not violate any agreement, note, trust deed, or other security obligation to which Grantor is a party. Grantee represents and warrants that this Agreement and the consummation of the transactions contemplated by this Agreement will not (i) conflict with or contravene any law, order, rule, or regulation applicable to Grantee or to Grantee's organizational or governing documents, (ii) result in the breach of any of the terms or provisions or constitute a default under any agreement or other instrument to which Grantee is a party or by which it may be bound or affected.
- h. **Recording.** Grantee shall, at its expense, record this Agreement in the records of Salt Lake County, Utah, and shall provide Grantor with conformed copies of the recorded instruments, as well as executed originals of all documents. Such recording shall take place within five (5) business days of the execution of this Agreement.
- i. **No Third-Party Beneficiaries.** This Agreement is only for the benefit of the Parties hereto and their permitted successors and assigns as set forth in Section 16(b) above. Except as set forth herein, no other person or entity or property shall be entitled to rely hereon, receive any benefit herefrom, or enforce any provision hereof against any party hereto or their respective permitted successors or assigns.
- j. **Severability Clause.** If any provision of this Agreement shall to any extent be held invalid, the remainder shall not be affected.
- k. **Non-Waiver.** Any election by a Party as to the manner and timing of its right to enforce this Agreement or otherwise exercise its rights hereunder shall not be deemed or construed to be a waiver of such rights.

*[Signatures Continue on the Following Pages]*

IN WITNESS WHEREOF, the Parties have entered into this Agreement as of the Effective Date.

**GRANTOR:**

**ST MALL OWNER, LLC,**  
a Delaware limited liability company

By: ST Mall Mezzco, LLC,  
a Delaware limited liability company, its  
sole economic member

By: GS Pacific ST LLC,  
a Delaware limited liability company,  
its sole economic member

By: South Towne Pacific, LLC,  
a Delaware limited liability company,  
its managing member

By: [Signature]  
Name: GARY KARL  
Title: Authorized Signatory  
Date: 12/7/2020

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

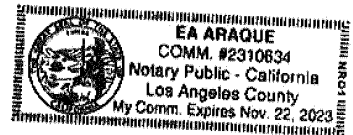
STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF LOS ANGELES )

On 12/07, 2020 before me, EA ARAQUE, NOTARY PUBLIC, personally appeared GARY KARL

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature [Signature]  
Notary Public



[Signatures Continue on Following Page]

Signature Page to Non-Exclusive Easement Agreement

**GRANTEE:**

**SANDY CITY,**  
a Utah municipal corporation

Kurt Bradburn  
\_\_\_\_\_  
Mayor Kurt Bradburn  
Date: 12/18/2020

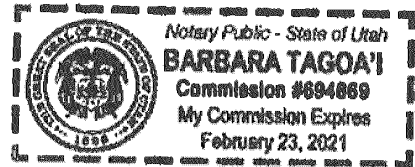


ATTEST:  
Charlie Oressall  
\_\_\_\_\_  
City Recorder

STATE OF UTAH            )  
                                      : ss.  
COUNTY OF SALT LAKE )

The foregoing instrument was acknowledged before me this 18<sup>th</sup> day of December, 2020, by Kurt Bradburn, as Mayor of Sandy City, a Utah municipal corporation. WITNESS my hand and official seal.

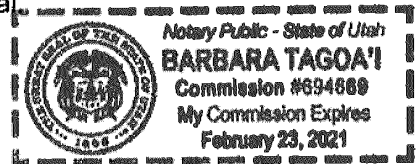
Signature [Signature]  
\_\_\_\_\_  
Notary Public



STATE OF UTAH            )  
                                      : ss.  
COUNTY OF SALT LAKE )

The foregoing instrument was acknowledged before me this 18<sup>th</sup> day of December, 2020, by Charlie Oressall, as Deputy City Recorder of Sandy City, a Utah municipal corporation. WITNESS my hand and official seal.

Signature [Signature]  
\_\_\_\_\_  
Notary Public



*Signature Page to Non-Exclusive Easement Agreement*

**EXHIBIT "A"**

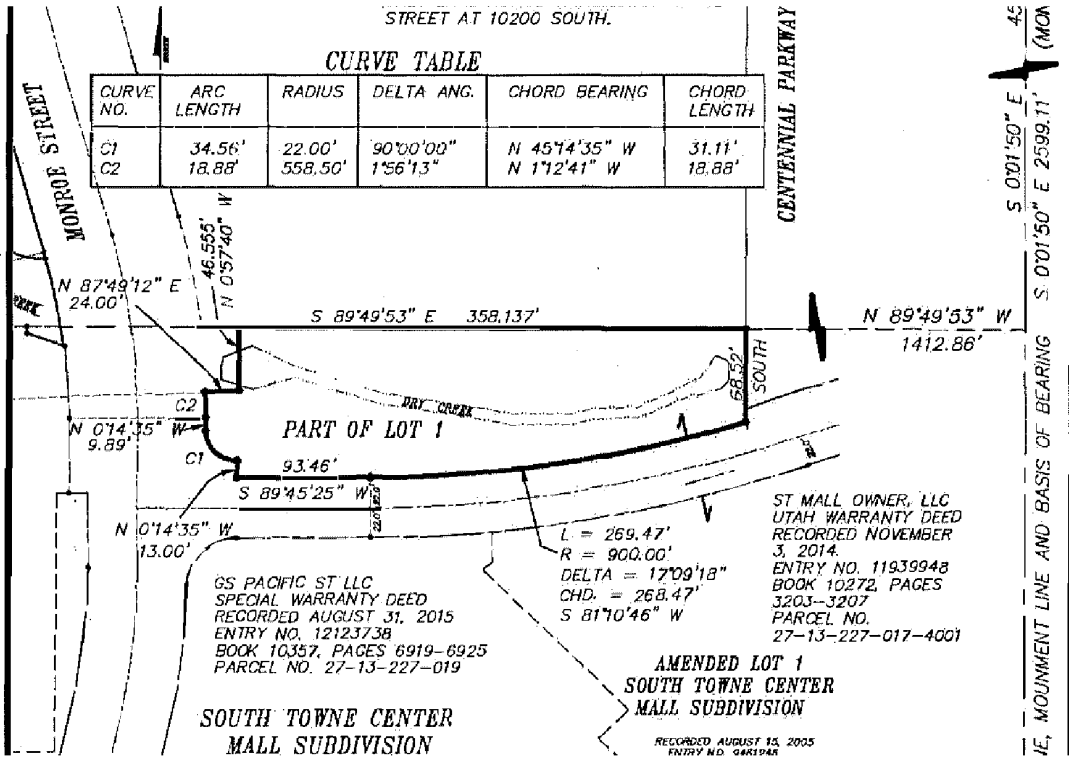
**PHASE 2 CHANNEL AREA LEGAL DESCRIPTION AND DEPICTION**

A portion of Lot 1, AMENDED LOT 1, SOUTH TOWNE CENTER MALL SUBDIVISION, according to the official plat thereof recorded August 15, 2005 as Entry No. 9461246 in Book 2005P of plats at Page 250 in the office of the Salt Lake County Recorder, located in the Northeast Quarter of Section 13, Township 3 South, Range 1 West, Salt Lake Base and Meridian, described by metes and bounds as follows:

Beginning at a point on the northerly boundary of said AMENDED LOT 1, SOUTH TOWNE CENTER MALL SUBDIVISION, said point lies South 0°01'50" East 455.40 feet along the centerline and monument line in State Street and North 89°49'53" West 1412.86 feet from a Salt Lake County monument located on the centerline of State Street at 10200 South, said monument lies North 89°53'20" East 92.33 feet, more or less, from the Northeast Corner of Section 13, Township 3 South, Range 1 West, Salt Lake Base and Meridian; thence South 68.52 feet to intersect the northerly line of that parcel of land conveyed to Sandy City for road purposes by Special Warranty Deed, recorded September 26, 2016 as Entry No. 12373436 in Book 10480 at Pages 3381-3383;

thence along the boundary of said parcel of land the following eight (8) courses:

- (1) Southwesterly 269.47 feet along the arc of a non-tangent curve to the right whose center bears North 17°23'53" West 900.00 feet, has a central of 17°09'18" and a chord bearing and length of South 81°10'46" West 268.47 feet to a point of tangency;
- (2) South 89°45'25" West 93.46 feet;
- (3) North 0°14'35" West 13.00 feet;
- (4) Northwesterly 34.56 feet along the arc of a non-tangent curve to the right whose center bears North 0°14'35" West 22.00 feet, has a central angle of 90°00'00" and a chord bearing and length of North 45°14'35" West 31.11 feet to a point of tangency;
- (5) North 0°14'35" West 9.89 feet to a point of curvature;
- (6) Northwesterly 18.88 feet along the arc of a tangent curve to the left having a radius of 558.50 feet, a central angle of 1°56'13" and a chord bearing and length of North 1°12'41" West 18.88 feet;
- (7) North 87°49'12" East 24.00 feet;
- (8) North 0°57'40" West 46.555 feet to intersect the northerly boundary of said AMENDED LOT 1, SOUTH TOWNE CENTER MALL SUBDIVISION; thence along said northerly boundary, South 89°49'53" East 358.137 feet to the Point of Beginning. The above-described parcel contains approximately 36,884 square feet in area or 0.847 acre.

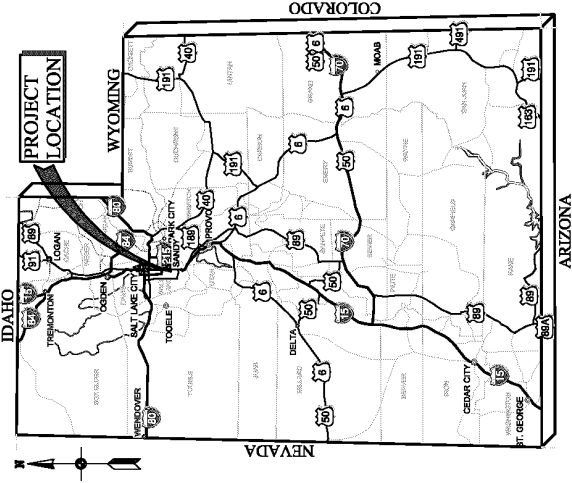


**EXHIBIT "A-1"**  
**DRAWINGS**

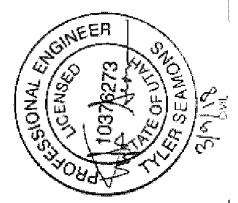
**[See attached]**

# DRY CREEK CHANNEL RESTORATION PHASE 2 (2018)

## SANDY, UTAH

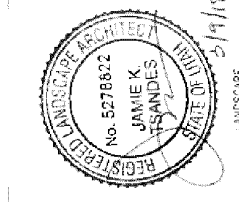


PROJECT LOCATION MAP

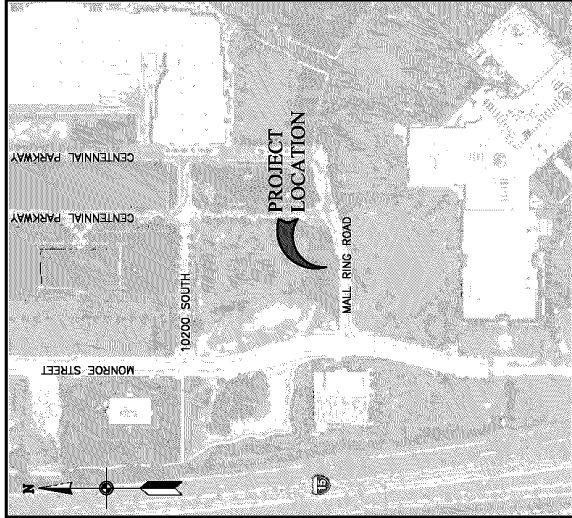
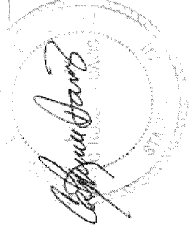


SHT NO.	DWG NO.	DESCRIPTION
<b>INDEX OF DRAWINGS</b>		
<b>GENERAL</b>		
1	G-01	INDEX OF DRAWINGS, PROJECT LOCATION, AND VICINITY MAPS
2	G-02	GENERAL NOTES, ABBREVIATIONS & SYMBOLS
<b>CIVIL</b>		
3	C-01	SITE AND GRADING PLAN
4	C-02	PLAN AND PROFILE
5	C-03	CROSS SECTIONS - 1
6	C-04	CROSS SECTIONS - 2
7	CC-01	CIVIL DETAILS - 1
8	CC-02	CIVIL DETAILS - 2
9	CC-03	CIVIL DETAILS - 3
<b>LANDSCAPE</b>		
10	L-01	LANDSCAPE PLAN
11	L-02	LANDSCAPE DETAILS - 1
12	L-03	LANDSCAPE DETAILS - 2
13	L-04	IRRIGATION PLAN
14	L-05	IRRIGATION DETAILS - 1
15	L-06	IRRIGATION DETAILS - 2
<b>BRIDGE</b>		
16	B-01	PEDESTRIAN BRIDGE PLAN AND ELEVATION
17	B-02	PEDESTRIAN BRIDGE ABUTMENT PLAN, ELEVATION, AND DETAILS
<b>ELECTRICAL</b>		
18	E-01	ELECTRICAL SYMBOLS AND NOTES
19	E-02	SITE ELECTRICAL PLAN
20	E-03	SITE LIGHTING PLAN
21	GE-01	ELECTRICAL DETAILS - 1

LANDSCAPE

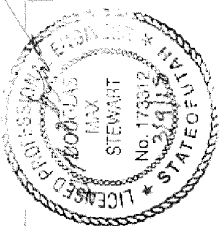


STRUCTURAL

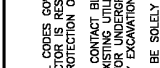


PROJECT VICINITY MAP

ELECTRICAL



<p><b>BOWEN COLLINS</b> ASSOCIATES</p>		<p>DATE: MARCH 2018 PROJECT NUMBER: 009-18-01</p>	<p>DRAWING NO. G-01 SHEET 1 OF 21</p>								
		<p>GENERAL INDEX OF DRAWINGS, AND VICINITY MAPS</p>	<p>DESIGN: J. COLLINS CHECKED: E. NEIL APPROVED: T. SEAMONS</p>								
<p>DRY CREEK CHANNEL RESTORATION PHASE 2 (2018) SANDY, UT</p>		<p>REVIEW: [Signature] VERIFY SCALE: [Signature]</p>	<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>REV. BY</th> <th>DESCRIPTION</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	REV. BY	DESCRIPTION				
NO.	DATE	REV. BY	DESCRIPTION								



**GENERAL NOTES:**

- SYMBOLS FOR STRUCTURES, PIPE, ETC. USED FOR IDENTIFICATION ARE SHOWN IN LEGENDS AND SHALL BE FOLLOWED THROUGHOUT THE PLANS WHENEVER APPLICABLE. NOT ALL OF THE VARIOUS EQUIPMENTS SHOWN IN THESE LEGENDS ARE NECESSARILY USED IN THE PROJECT.
- SCALES OF THE DRAWINGS AND DETAILS ARE SHOWN IN TITLE BLOCK OR DIRECTLY UNDER THE PLAN OR DETAIL. THE SIZE OF BLOCK OR AREA TO BE USED SHALL BE SHOWN IN THE TITLE BLOCK. TAKE TO REVIEW AND VERIFY SCALE BAR IN THE TITLE BLOCK AREA TO DETERMINE THE SCALE OF REDUCED REPRODUCTIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. ANY ADDITIONS, DELETIONS, OR MODIFICATIONS SHALL FIRST MEET WITH THE WRITTEN APPROVAL OF THE ENGINEER AND THE OWNER.
- CONTRACTOR SHALL COMPLY WITH REQUIREMENTS ASSOCIATED WITH OWNER-OBTAINED AND CONTRACTOR-OBTAINED PERMITS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY MATERIAL AND CONTROLLING RUBBISH TO PREVENT DRY DUST AND EROSION. MATERIAL SHALL BE IN ACCORDANCE TO THE GOVERNING AGENCY STANDARDS.
- THE CONTRACTOR SHALL KEEP ALL CONSTRUCTION ACTIVITIES LIMITED TO THE RIGHT-OF-WAY. ALL EASEMENTS AS SHOWN ON THE DRAWINGS, THIS SHALL INCLUDE BUT NOT BE LIMITED TO VEHICLES AND EQUIPMENT, LIMITS OF EXCAVATION, AND EXCAVATED MATERIAL AND BACKFILL STORAGE. IF CONSTRUCTION IS TO BE PERFORMED OUTSIDE THE RIGHT-OF-WAY, THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS AND AGREEMENTS FROM INDIVIDUAL PROPERTY OWNERS.
- EXISTING UTILITIES SHOWN ON DRAWINGS ARE BASED ON A RECORD SEARCH BY LOCAL CONTROLLING AGENCIES AND ARE APPROXIMATELY LOCATED. EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTOR'S INFORMATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF AND PRESERVING ALL UTILITIES INCLUDING THOSE NOT SHOWN OR INCORRECTLY SHOWN ON THE DRAWINGS. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES BY THE USE OF UTILITY LOCATING DEVICES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND AGREEMENTS FROM INDIVIDUAL PROPERTY OWNERS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING FACILITIES WHICH ARE TO REMAIN IN PLACE FROM DAMAGE INCLUDING EXISTING ACCESS ROADS, SIDEWALKS, DRIVEWAYS, AND UTILITIES OWNED BY THE CONTRACTOR. EXISTING FACILITIES SHALL BE RECONSTRUCTED TO ORIGINAL OR BETTER CONDITION TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING SERVICE LINES FOR GAS, SEWER, WATER, AND OTHER UTILITIES AND REPAIRING DAMAGE TO SUCH LINES AS A RESULT OF THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONNECTIONS FOR UTILITIES ARE NOT SHOWN ON THE DRAWINGS.
- CONTRACTOR SHALL PRESERVE ALL SURVEY MONUMENTS, CONTROL POINTS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
- EXCAVATION LIMITS SHOWN ON THE DRAWINGS ARE GRAPHICAL REPRESENTATIONS ONLY, AND DO NOT REPRESENT ACTUAL EXCAVATION LIMITS REQUIRED TO COMPLETE THE WORK. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFORMANCE WITH

**ABBREVIATIONS/ACRONYMS**

AB	ANCHOR BOLT	LF	LINEAR FEET
ADP	ADDITIONAL	LG	LONG
AL	ALUMINUM	LT	LEFT
APPR	APPROXIMATE	MAT	MATERIAL
ASST	ASSEMBLY	MAX	MAXIMUM
BLOG	BUILDING	MFR	MANUFACTURER
BOT	BOTTOM	MH	MANHOLE
BTWN	BETWEEN	MIN	MINIMUM
		MISC	MISCELLANEOUS
C	CATCH BASIN	N	NORTH
CB	CENTRIC FEET PER SECOND	NTS	NOT TO SCALE
CFS	CENTRIFUGAL PUMP	ON	ON CENTER
CL	CENTRIFUGAL PUMP	OPNG	OPENING
CL	CORRUGATED METAL PIPE		
COMP	CONCRETE	PH	POTHOLES
CONN	CONNECTION	PIC	POTABLE WATER
CONST	CONSTRUCTION	PW	POTABLE WATER
CP	CENTRIFUGAL PUMP	R	RADIUS
CPG	CENTRIFUGAL PUMP	RCB	REINFORCED CONCRETE PIPE
CTRD	CENTERED	RD	REDUCER
CU	CUBIC FOOT	RENF	REINFORCED
		REDF	REINFORCED
DEF	DEFLECTION	ROW	RIGHT-OF-WAY
DI	DUCTILE IRON	RW	RAW WATER
DIA	DIAMETER	SCH	SCHEDULE
DWG	DRAWING	SD	SECTION
DNL	DRAWING	SEG	SECTION
		SH	SHOULDER
E	EAST	SIM	SHOULDER
EA	EACH	SLP	SLOPE
EL	ELEVATION	SPC	SPECIFICATION (S)
ELB	ELBOW	ST	STANDARD
EQ	EQUALLY SPACED	STD	STANDARD
EQ	EQUALLY SPACED	STL	STEEL
EQ	EQUALLY SPACED	STR	STRUCTURE
EXIST	EXISTING		
EXIST	EXISTING	T&B	TOP AND BOTTOM
FG	FINISH GRADE	TBC	TOP BACK CURB
FLG	FLANGE LINE	TEL	TELEPHONE
FLR	FLOOR	TEL	TELEPHONE
FNSH	FINISH	THK	THICK OR THICKNESS
FT	FEET OR FOOT	TOA	TOP OF ASPHALT
FTG	FOOTING	TOP	TOP OF GRADE
G	GAGE OR GAUGE	TOP	TOP OF GRADE
GALV	GALVANIZED	TOP	TOP OF GRADE
GALV	GALVANIZED	TOP	TOP OF GRADE
GPM	GALLONS PER MINUTE	UDOT	UTAH DEPARTMENT OF TRANSPORTATION
GS	GAS SERVICE LATERAL	UTBC	UNTREATED BASE COURSE
HAB	HULL AIR FORCE BASE	VCP	VENT PIPING
HARZ	HIGH STRENGTH STEEL	W	WATER OR WEST
HP	HIGH STRENGTH STEEL	W/O	WITHOUT
HSS	HIGH STRENGTH STEEL	WSTP	WATERSTOP
IE	INVERT ELEVATION	WS	WATER SERVICE LATERAL
IRRT	IRRIGATION		
IRRT	IRRIGATION		
JT	JOINT		

**DISCIPLINE IDENTIFICATION**

LETTER*	DISCIPLINE
G	GENERAL
C	CIVIL
L	LANDSCAPE
B	BRIDGE
E	ELECTRICAL

**DRAWING IDENTIFICATION**

DRAWING NO. SHOWN IN TITLE BLOCK AND CALLOUTS AS:  
 S-02 DRAWING NO.\*\*\*  
 S-02 INDIVIDUAL NUMBER  
 S-02 DISCIPLINE LETTER\*\*

**SECTION IDENTIFICATION**

(1) SECTION OUT SHOWN ON DRAWING AS:  
  
 SECTION LETTER (B)  
 DRAWING NO.\*\*\* (M-01) WHERE THE SECTION IS SHOWN (SEE NOTE A)

(2) THIS SECTION IS IDENTIFIED AS:  
  
 SECTION LETTER (B)  
 DRAWING NO.\*\*\* (M-01) WHERE THE SECTION IS SHOWN (SEE NOTE B)

**DETAIL IDENTIFICATION**

(1) DETAIL CALLOUT SHOWN ON DRAWING AS:  
  
 DETAIL NUMBER (1)  
 DRAWING NO.\*\*\* (M-01) WHERE THE DETAIL IS SHOWN (SEE NOTE A)

(2) THIS DETAIL IS IDENTIFIED AS:  
  
 DETAIL NUMBER (1)  
 DRAWING NO.\*\*\* (M-01) WHERE THE DETAIL IS SHOWN (SEE NOTE B)

**NOTE:**

A. IF SECTION CUT AND SECTION (OR DETAIL) CALLOUT AND NO.\*\*\* IS REPLACED BY A HORIZONTAL LINE.

B. AS DESIGNATED, NTS = NOT TO SCALE. IF SECTION AND/OR DETAILS ARE THE SAME SCALE AND ON THE SAME DRAWING, SEE TITLE BLOCK FOR SCALE; THE SCALE TEXT AT CALLOUT SHALL BE OMITTED.

**STANDARD DETAIL IDENTIFICATION**

(1) STANDARD DETAIL CALLOUT SHOWN ON DRAWING AS:  
  
 DISCIPLINE\* (C)  
 STANDARD DETAIL NUMBER\*\* (2000) (SEE NOTE)

(2) THIS DETAIL IS IDENTIFIED AS:  
  
 DISCIPLINE\* (C)  
 STANDARD DETAIL NUMBER\*\* (2000) (SEE NOTE)

**NOTE:**

LOCATED ON DRAWINGS WHERE THE DETAIL IS TAKEN AND SHOWN (SEE INDEX OF DRAWINGS FOR LOCATION OF STEEL STANDARD DETAILS).

**MISCELLANEOUS NOTES:**

- ELECTRICAL SYMBOLS SHOWN ON ELECTRICAL SHEETS FOR WELDING SYMBOLS USE AMERICAN WELDING SOCIETY CONSTRUCTION MANUAL.

16. NO CHANGE IN DESIGN LOCATION OR GRADE SHALL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER OR THEIR AUTHORIZED REPRESENTATIVE.

17. CONTRACTOR SHALL CONSTRUCT BERMS AND/OR DRAINAGE DITCHES AS NEEDED TO KEEP STORM RUNOFF AND IRRIGATION WATER FROM ENTERING THE CHANNEL. ANY INTERFERING WITH CONSTRUCTION EFFORTS, BYPASS PUMPING MAY BE REQUIRED DEPENDING ON CHANNEL FLOWS DURING CONSTRUCTION.

18. CONTRACTOR SHALL COORDINATE THE DEMOLITION OF EXISTING TREES AND BUSHES WITH SANDY CITY AND LANDSCAPE ARCHITECT. STABILIZATION WITH ENGINEER PRIOR TO CONSTRUCTION.

19. THE APPROXIMATE HORIZONTAL LIMITS OF BANK RESTORATION AND BOTTOM OF RIPRAP ARE SHOWN ON GC-01. THE INTENT OF THE DESIGN IS TO PRESERVE PROPERTY AND MAINTAIN SMOOTH CHANNEL FLOW LINES AS MUCH AS REASONABLY POSSIBLE.

20. CITY PERSONNEL SHALL IDENTIFY APPROXIMATE LOCATIONS OF IRRIGATION FACILITIES NEAR PROJECT SITE. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING IRRIGATION FACILITIES.

21. CONTRACTOR SHALL COMPLETE ALL BASE BID ITEMS PRIOR TO SPRING RUNOFF. SEE SPECIFICATION 01.14.40.

**SYMBOLS**

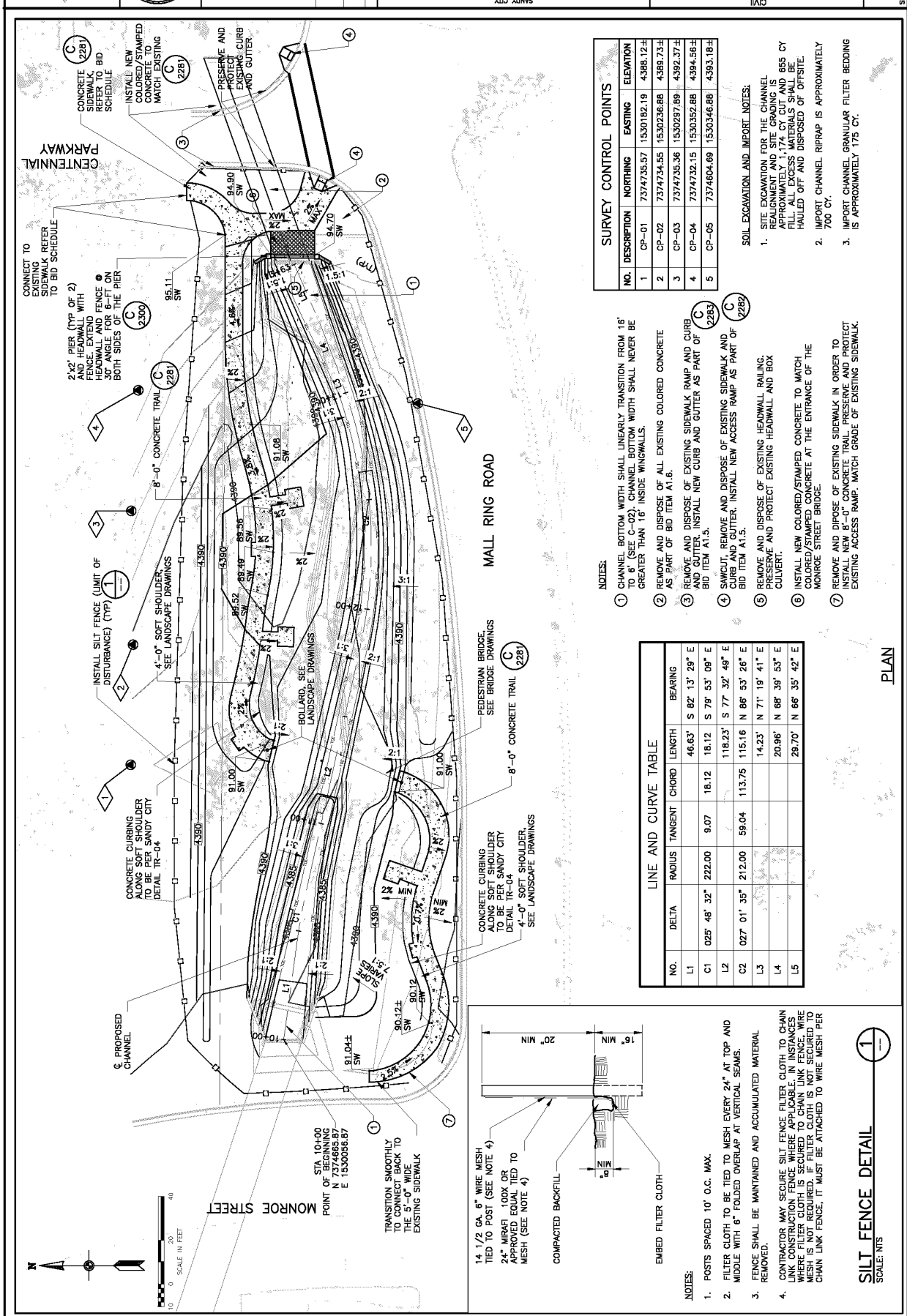
EXISTING FEATURES ARE SHOWN, SCREENED.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING MANHOLE		TO BE REMOVED OR DEMOLISHED
	NEW MANHOLE		LIMITS OF GRAVEL SURFACE
	ROAD		CONCRETE OR GRANULAR BACKFILL
	SIGN		EARTH
	BENCH MARK		BEDROCK
	TEST PIT LOCATION AND NUMBER		CULVERT
	BORING LOCATION AND NUMBER		SLOPE WITH FLOW DIRECTION
	COORDINATE IDENTIFIER		NEW MANHOLE
	CONTROL POINT		ROAD
	NEW STRUCTURE OR FACILITY		SIGN
	EXISTING STRUCTURE OR FACILITY		BENCH MARK
	FUTURE STRUCTURE OR FACILITY		TEST PIT LOCATION AND NUMBER
	SIGN		BORING LOCATION AND NUMBER
	STREET LAMPS		SHEET NOTE, REFERRED IN BUBBLE
	LIMIT OF GRADING OR EXISTING GRADE LINE		

**GENERAL NOTES:**

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**SURVEY CONTROL POINTS**

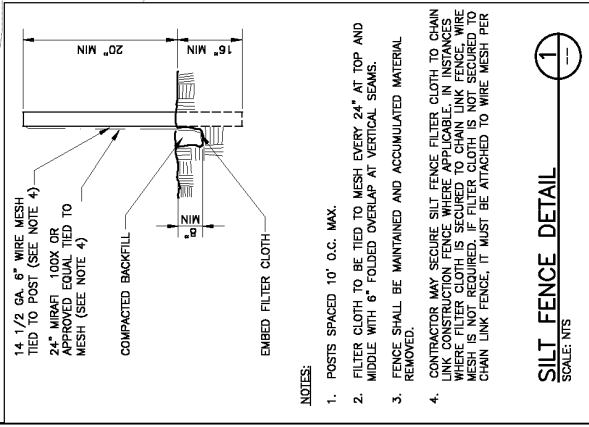
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2	CP-02	7374734.55	1530236.88	4389.73±
3	CP-03	7374735.36	1530297.89	4392.37±
4	CP-04	7374732.15	1530352.88	4394.56±
5	CP-05	7374604.69	1530346.88	4393.18±

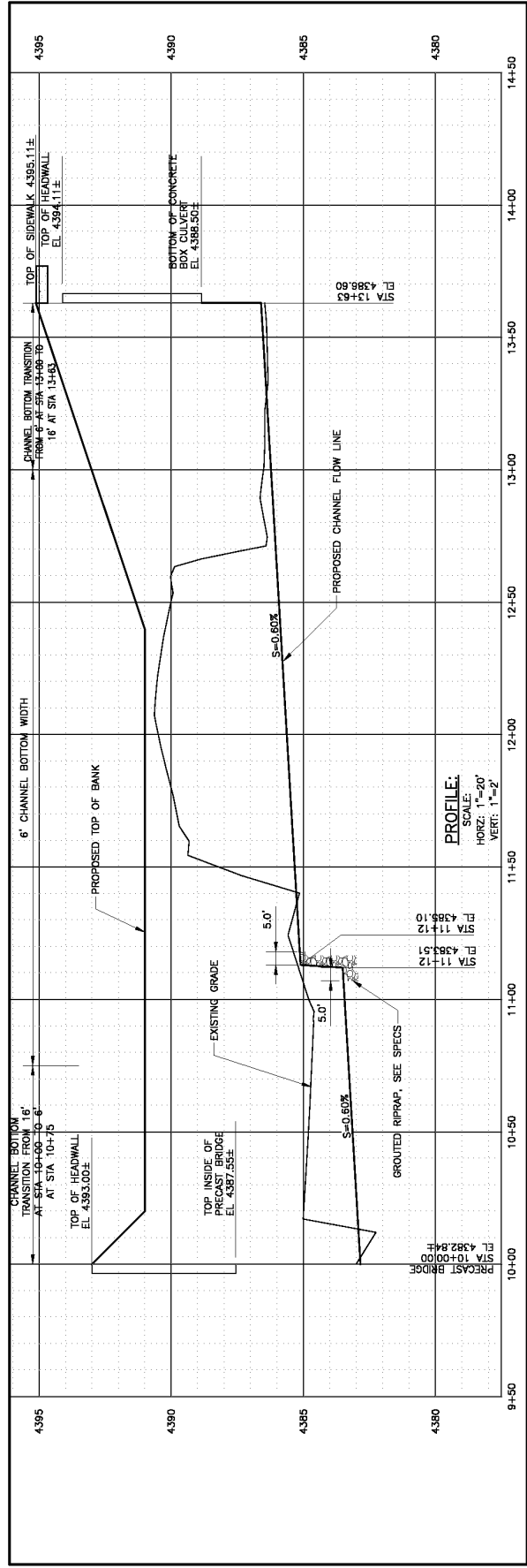
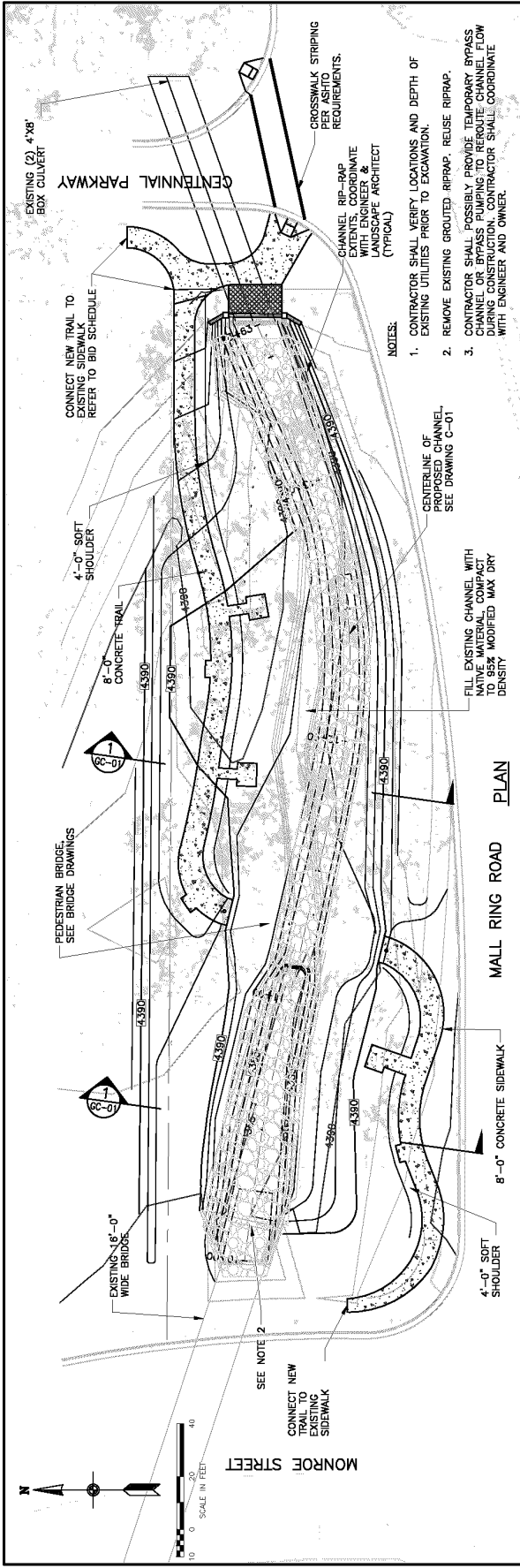
- SOIL EXCAVATION AND IMPORT NOTES:**
- SITE EXCAVATION FOR THE CHANNEL RESTORATION AND THE SIDEWALKS APPROXIMATELY 1,174 CY CUT AND 855 CY FILL. ALL EXCESS MATERIALS SHALL BE HAULED OFF AND DISPOSED OF OFFSITE.
  - IMPORT CHANNEL RIPRAP IS APPROXIMATELY 700 CY.
  - IMPORT CHANNEL GRANULAR FILTER BEDDING IS APPROXIMATELY 175 CY.

- NOTES:**
- CHANNEL BOTTOM WIDTH SHALL LINEARLY TRANSITION FROM 18' TO 6' (SEE C-02). CHANNEL BOTTOM WIDTH SHALL NEVER BE GREATER THAN 16' INSIDE WINGWALLS.
  - REMOVE AND DISPOSE OF ALL EXISTING COLORED CONCRETE AS PART OF BID ITEM A1.6.
  - REMOVE AND DISPOSE OF EXISTING SIDEWALK RAMP AND CURB AND GUTTER. INSTALL NEW CURB AND GUTTER AS PART OF BID ITEM A1.5.
  - REMOVE AND DISPOSE OF EXISTING SIDEWALK AND CURB AND GUTTER. INSTALL NEW ACCESS RAMP AS PART OF BID ITEM A1.5.
  - REMOVE AND DISPOSE OF EXISTING HEADWALL RAILING. PRESERVE AND PROTECT EXISTING HEADWALL AND BOX CULVERT.
  - INSTALL NEW COLORED/STAMPED CONCRETE TO MATCH EXISTING/STAMPED CONCRETE AT THE ENTRANCE OF THE MONROE STREET BRIDGE.
  - REMOVE AND DISPOSE OF EXISTING SIDEWALK IN ORDER TO INSTALL NEW 8'-0" CONCRETE TRAIL. PRESERVE AND PROTECT EXISTING ACCESS RAMP. MATCH GRADE OF EXISTING SIDEWALK.

**LINE AND CURVE TABLE**

NO.	DELTA	RADIUS	TANGENT	CHORD	LENGTH	BEARING
L1	025° 48' 32"	222.00	9.07	18.12	18.12	S 82° 13' 29" E
L2	027° 01' 35"	212.00	59.04	113.75	115.16	S 77° 32' 48" E
L3				14.23'	N 71° 18' 41" E	
L4				20.96'	N 68° 39' 53" E	
L5				28.70'	N 66° 35' 42" E	



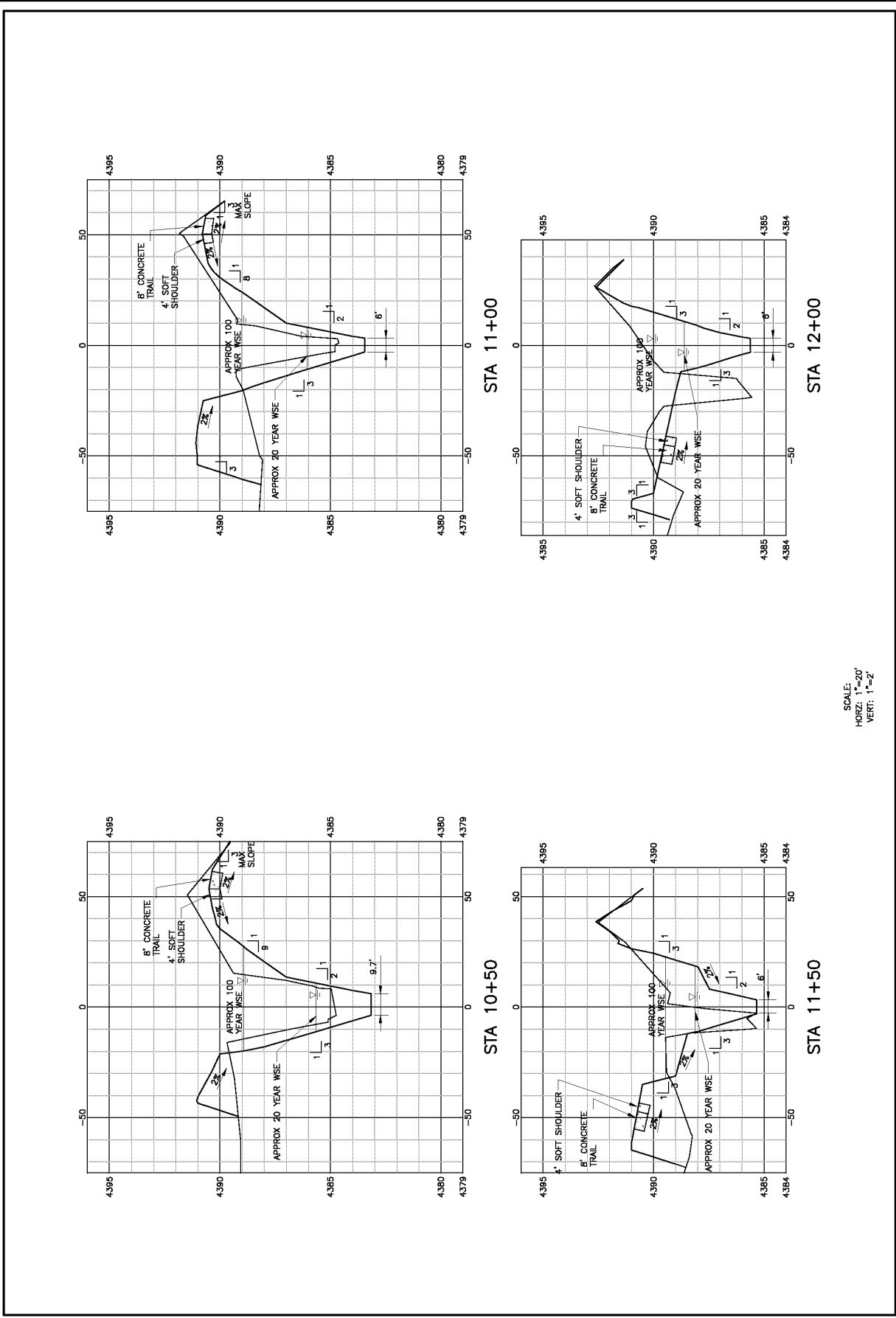


NO.	DATE	REV. BY	DESCRIPTION

**VERIFY SCALE**  
 BAR IS ONE INCH ON  
 GRAPHICAL DRAWING

SANDY CITY  
 SMOY, UT  
**DESIGN**  
 I. SEAMONS  
**REVIEW**  
 E. NEIL  
 APPROVED: T. SEAMONS  
 PROJECT NUMBER: 009-18-01  
 DATE: MARCH 2018

**CROSS SECTIONS - 1**  
 CIVIL



SCALE:  
 HORIZ: 1"=20'  
 VERT: 1"=2'

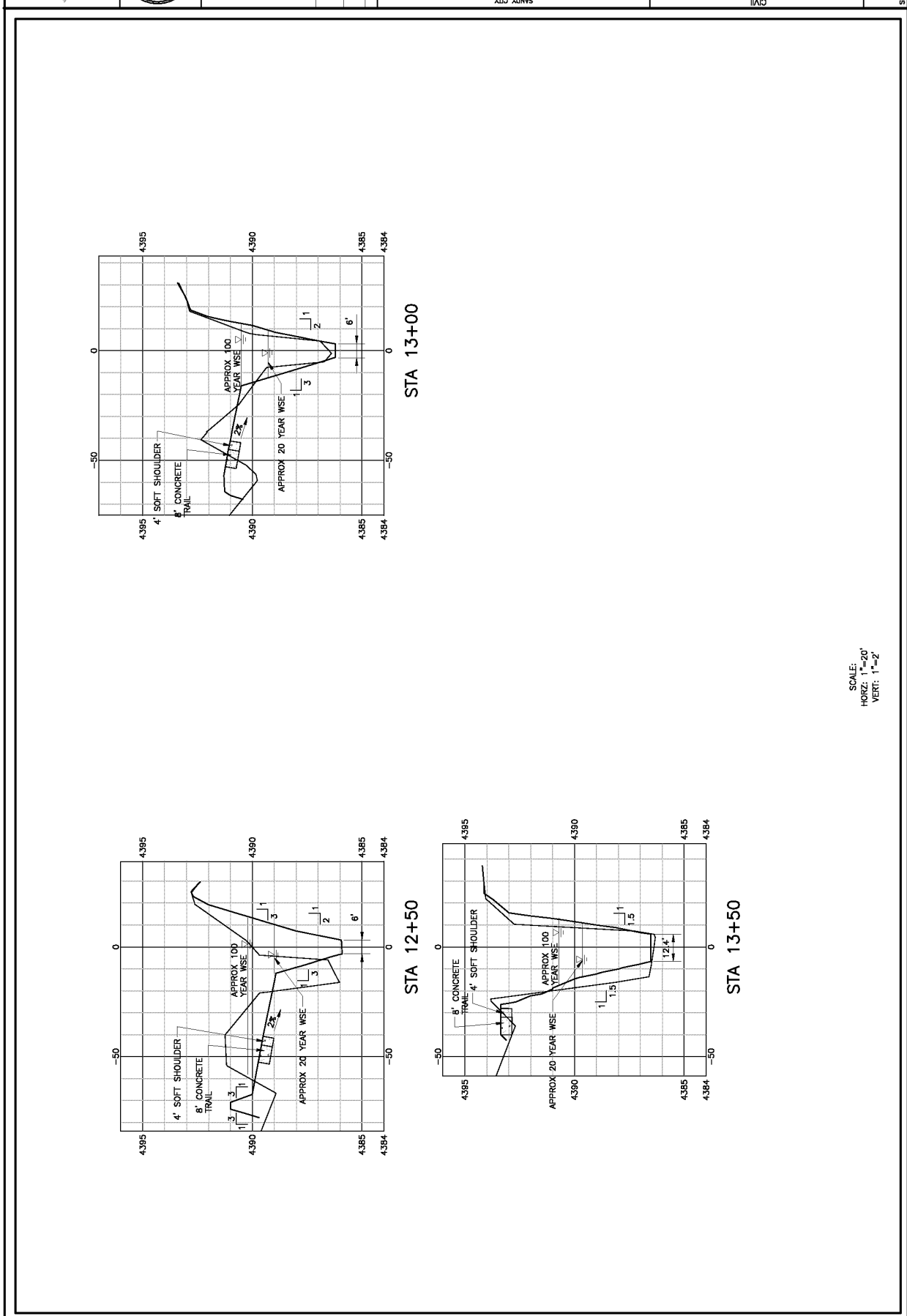
NO.	DATE	REV. BY	DESCRIPTION

**VERIFY SCALE**  
 BAR IS ONE INCH ON ORIGINAL DRAWING

DESIGN: I. SEAMONS  
 CHECKED: E. NEIL  
 APPROVED: T. SEAMONS

PROJECT NUMBER: 009-18-01  
 DATE: MARCH 2018  
**CROSS SECTIONS - 2**

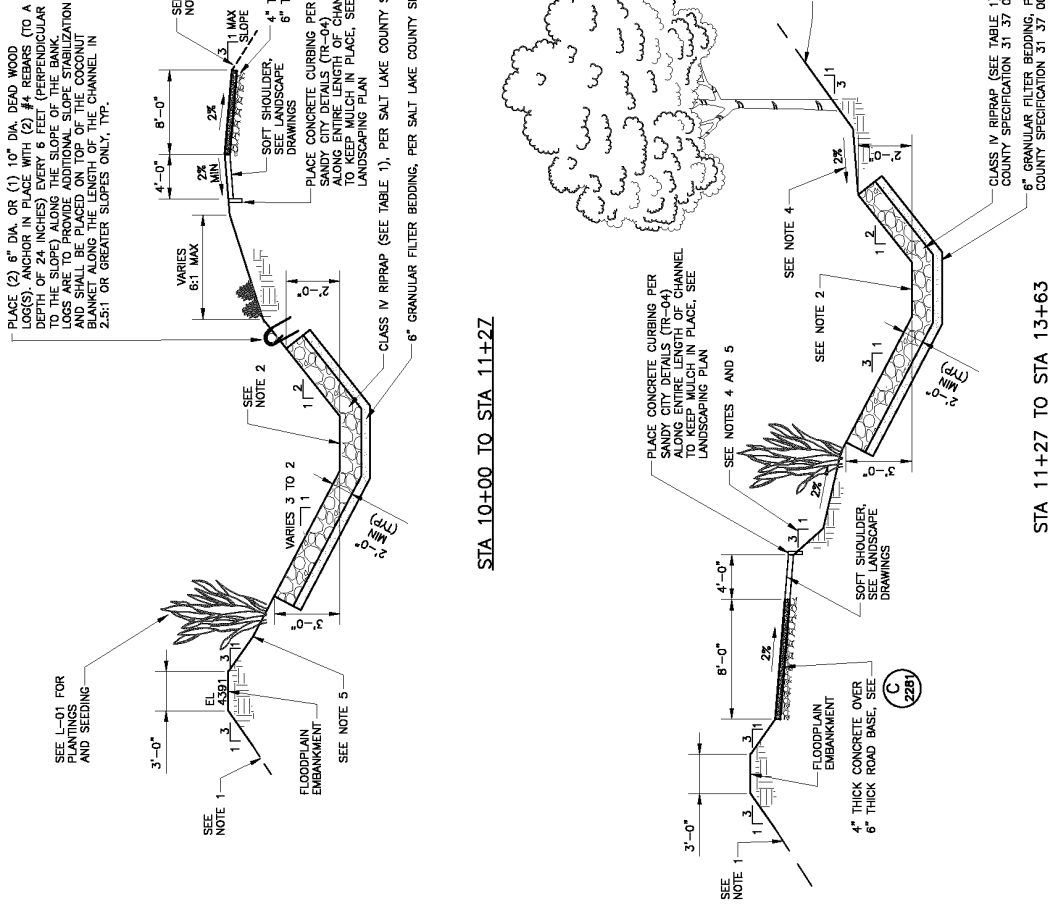
DRAWING NO.: C-04  
 SHEET 6 OF 21



SCALE:  
 HORIZ: 1"=20'  
 VERT: 1"=2'

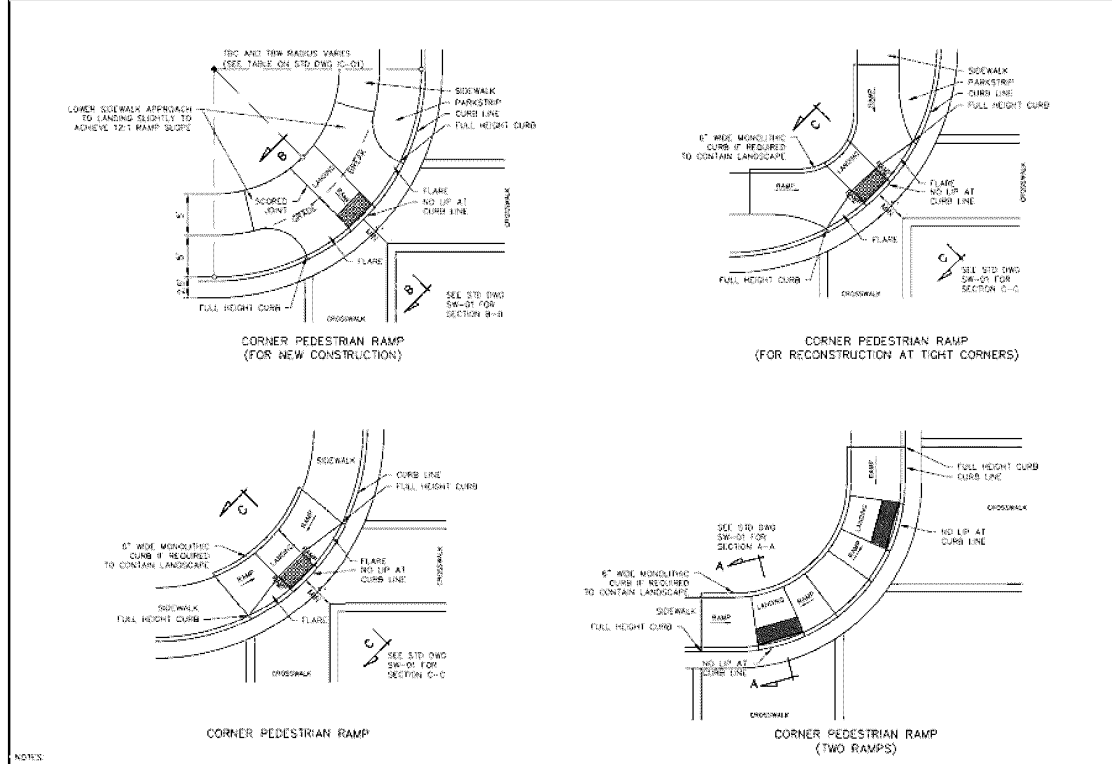
**TABLE 1**

RIPRAP DESIGNATION	% SMALLER THAN GIVEN SIZE BY WEIGHT	DIAMETER (INCHES)	DISP <sup>100</sup> (INCHES)
CLASS IV	70 - 100	25	
	50 - 70	20	15
	35 - 50	15	
	2 - 10	5	



- NOTES:**
- CONNECT EDGE OF TRAIL OR EDGE OF EMBANKMENT TO EXISTING GRADE AT THE SPECIFIED SLOPE.
  - CHANNEL BOTTOM WIDTH IS 8- FEET EXCEPT AT THE CHANNEL TRANSITION AREA NEAR THE MONROE BRIDGE AND CENTENNIAL PARKWAY CULVERT, SEE C-02.
  - CHANNEL SECTION VARIES ALONG ALIGNMENT, SEE CIVIL SHEETS FOR ADDITIONAL DETAIL.
  - PROVIDE SLOPED AREAS ONLY WHERE REQUIRED AS SHOWN ON GRADING PLAN.
  - CONTRACTOR SHALL INSTALL COCONUT EROSION CONTROL BLANKETS ON ALL SLOPES 3:1 OR GREATER. BLANKETS SHALL BE KETED IN AT TOP OF SLOPE PER MANUFACTURER'S RECOMMENDATION.
  - CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO PROVIDE ALL TEMPORARY EROSION CONTROL AND STABILIZATION AND SHALL PROVIDE DESIGN AND SEDIMENT CONTROL PLANS TO SANDY CITY FOR REVIEW.
  - NO CHANGE IN DESIGN LOCATION OR GRADE SHALL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN REPRESENTATIVE OF THE ENGINEER OR THEIR AUTHORIZED REPRESENTATIVE.
  - CONTRACTOR SHALL CONSTRUCT BERMS AND/OR DRAINAGE DITCHES AS NEEDED TO KEEP STORM RUNOFF FROM ENTERING CHANNEL. EXCAVATIONS OR INTERFERING WITH CONSTRUCTION EFFORTS. BI-PASS PUMPING MAY BE REQUIRED DURING HIGH FLOWS.
  - CONTRACTOR SHALL COORDINATE THE DEMOLITION OF ALL EXISTING TREES AND BUSHES WITH SANDY CITY AND LANDSCAPE ARCHITECT.
  - CONTRACTOR SHALL COORDINATE FINAL EXTENTS OF SANDY CITY STABILIZATION WITH ENGINEER PRIOR TO CONSTRUCTION.
  - THE APPROXIMATE HORIZONTAL LIMITS OF BANK STABILIZATION ARE SHOWN ON THIS DRAWING. THE VERTICAL EXTENT OF RIPRAP IS SHOWN ON DRAWING GC-01. THE INTENT OF THE DESIGN IS TO PRESERVE CHANNEL HYDRAULIC CAPACITY AND MAINTAIN SMOOTH CHANNEL FLOW LINES AS MUCH AS REASONABLY POSSIBLE.
  - BANK STABILIZATION WORK MAY BE PERFORMED WHEN WATER IS IN THE CREEK. WATER DEPTH AND VELOCITY MAY VARY DURING THE CONTRACT PERIOD.
  - DESIGN OF THIS CHANNEL IS BASED ON A 550 CFS.

**TYPICAL CHANNEL CROSS SECTIONS**  
SCALE: NTS



NOTES:

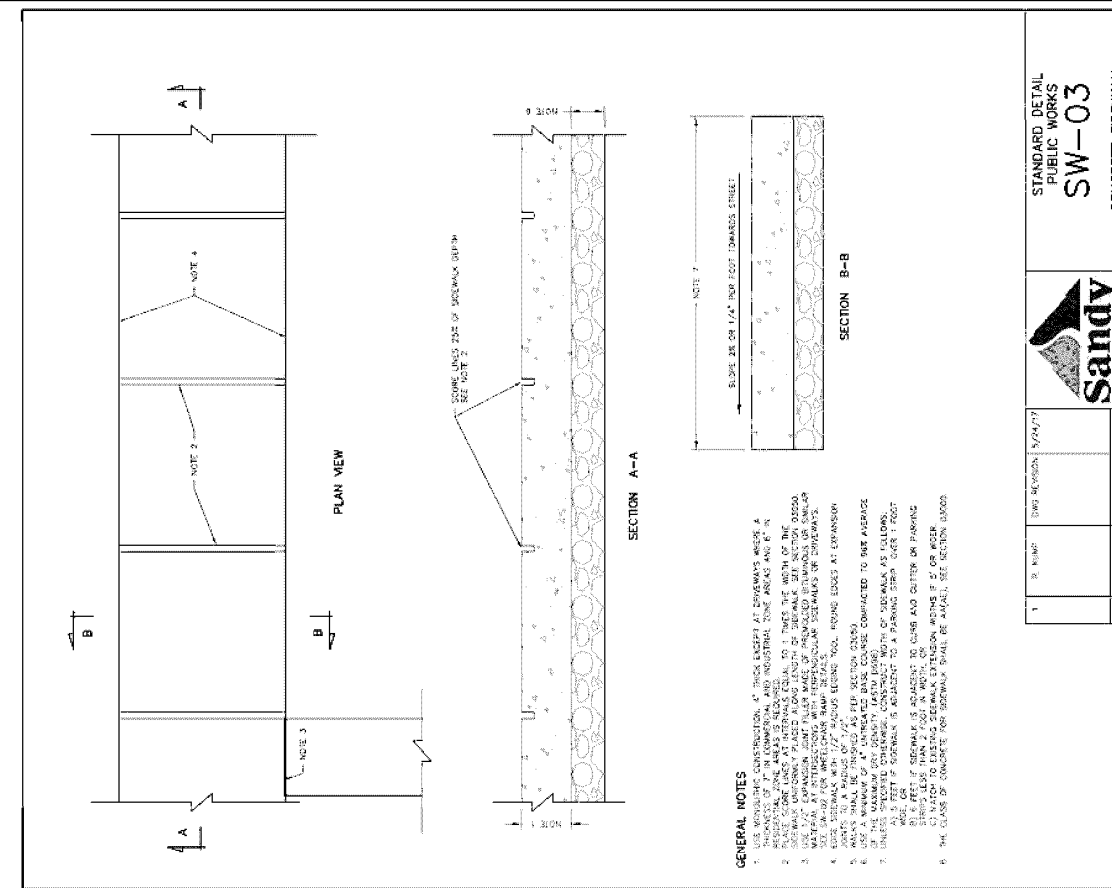
- REFER TO STD DWG SW-01 FOR PEDESTRIAN ACCESS RAMP CROSS SECTIONS AND SLOPE REQUIREMENTS.
- PROVIDE DETECTABLE WARNING SURFACE FOR FULL WIDTH OF RAMP, LANDING, OR CURB CUT. SEE DETAIL A ON STD DWG SW-01 FOR DETECTABLE WARNING SURFACE DIMENSIONS.
- CUTTING OUTLOOKABLE PANELS IS NOT ALLOWED.
- LOCATE CURB CUT WITHIN CROSSWALK.
- CONCRETE SHALL BE A MINIMUM OF 6" THICK THROUGH RAMPS, WALKS, LANDINGS, AND ADA TIPS.

NO.	AUTHORIZED BY	REVISIONS	DATE
1	R. KUMP	DWG REVISION	5/24/17

**Sandy**  
 HEART OF THE WASHACHE

**STANDARD DETAIL PUBLIC WORKS SW-02**  
**STANDARD CORNER PEDESTRIAN ACCESS RAMP**

**SANDY CITY STANDARD CONCRETE ACCESS RAMP DETAIL SW-02**  
 SCALE: NTS  
 (C 2282)



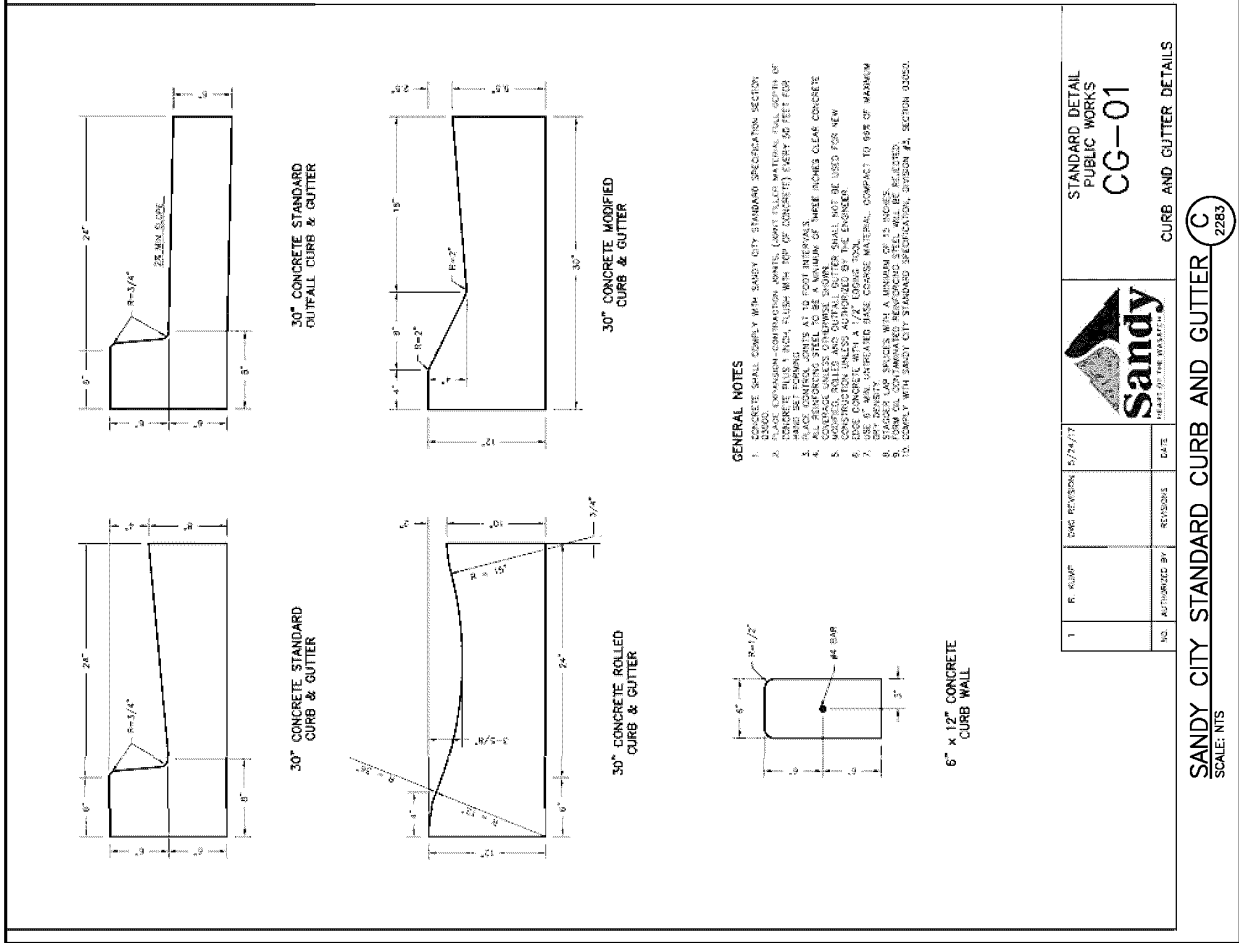
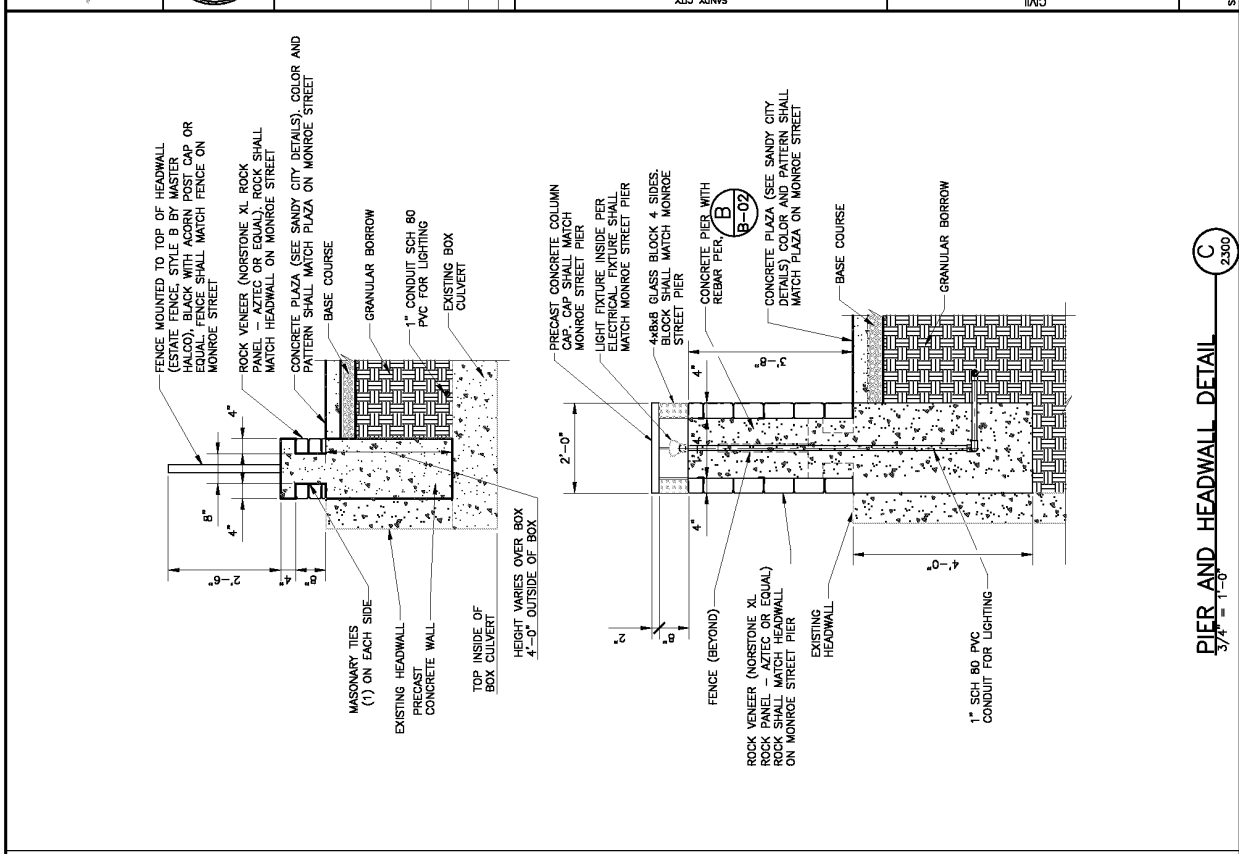
NO.	DATE	REV.	DESCRIPTION

VERIFY SCALE  
 SANDY CITY  
 DRY CREEK CHANNEL RESTORATION PHASE 2 (2018)

DESIGN: J. COLLINS  
 CHECKED: E. NEIL  
 APPROVED: T. SEAMONS

DATE: MARCH 2018  
 PROJECT NUMBER: 009-18-01  
**CIVIL DETAILS - 3**

DRAWING NO.: GC-03  
 SHEET: 9 OF 21



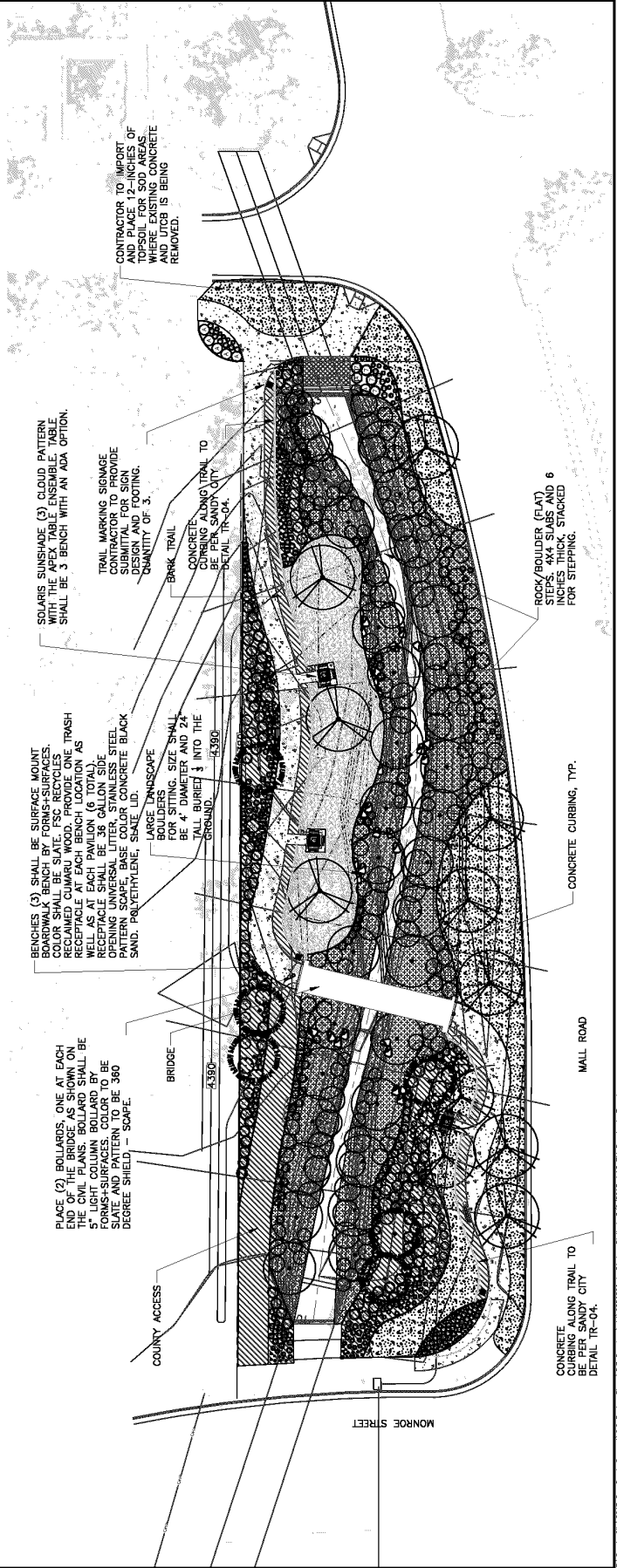
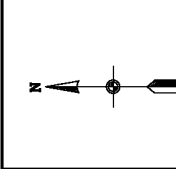
LANDSCAPE CURBING PER PLAN

LANDSCAPE CURBING	PER PLAN
TRAIL CURBING	PER PLAN
BOULDERS PEPPER GRANITE	32
ROCK STEPS SALT AND PEPPER GRANITE	PER PLAN

HELIANTHUS NUMMULARIUM 'BON FIDA' / SUN ROSE	1 GAL	123		
LAVANDULA ANGIUSTIFOLIA 'MUNSTED' / MUNSTED ENOUGH LAVENDER	1 GAL	22		
RUBECOLA X AMERICAN GOLD RUSH / BLACK-EYED SUSAN	1 GAL	76		
GRASSES	SIZE	QTY		
ANTHROPOGON ESCABOLI 'RED OCTOBER'	1 GAL	38		
CALAMAGROSTIS ACUTILOBA KARL FORESTIER / FEATHER REED GRASS	2 GAL	103		
CAREX DIVULSA / BENELET SEED	2 GAL	73		
GROUND COVERS	BOTANICAL NAME / COMMON NAME	CONT	SPACING	QTY
MANICURED LANDSCAPE / DEMONSTRATION GARDEN AREA	NONE			8,792 SF
PAVERS HARD SURFACE / PAVES/ASPHALT	FLAT			6,636 SF
SOIL	SEED			3,802 SF
FLORIPAN FLOODPLAIN / NATIVE PLANTINGS - BENCHING AREA	FLAT			12,406 SF

PLANT SCHEDULE

BOTANICAL NAME / COMMON NAME	CONT	QTY
ACER FRAXINIFOLIUM 'PACIFIC SUNSET' MAPLE FROM BEAKERS	2" GAL	11
PIKEA GALEATA 'BENSATA' / BLACK HILLS SCRUBLE CONTRACTOR TO PROVIDE CAGES AROUND ALL TREES TO PROTECT FROM BEAKERS.	8"	6
POPULUS ANGUSTIFOLIA / NARROWLEAF POPLAR CONTRACTOR TO PROVIDE CAGES AROUND ALL TREES TO PROTECT FROM BEAKERS.	15 GAL	31
SHRUBS	SIZE	QTY
AMELANCHIER ALTIPLANA / SERVICEBERRY	5 GAL	34
JUNIPERUS PROCEUMBENS 'GREEN MOUND' / GREEN MOUND JUNIPER	5 GAL	8
PHYSOCARPUS OCHTULIFOLUS 'MUGGET' / MUGGET HINEBERK	5 GAL	15
POTENTILLA FRUTICOSA 'GOLD STAR' / GOLD STAR POTENTILLA	5 GAL	11
FRONIS BESSEYI 'PAMKEE BITTES' / SAND CHERRY	5 GAL	31
ROSA WOODSII / WOODS' ROSE	5 GAL	42
SAUX EXIGUA / COYOTE WILLOW	5 GAL	37
SAUX PURPUREA 'WANK' / DWARF ARCTIC WILLOW	5 GAL	54
ANNUALS/PERENNIALS	SIZE	QTY
AGASTACHE 'BOLERO' / HUMMINGBIRD MINT	1 GAL	96
ASCLEPIAS TUBEROSA / BUTTERFLY MILKWEEED	1 GAL	83



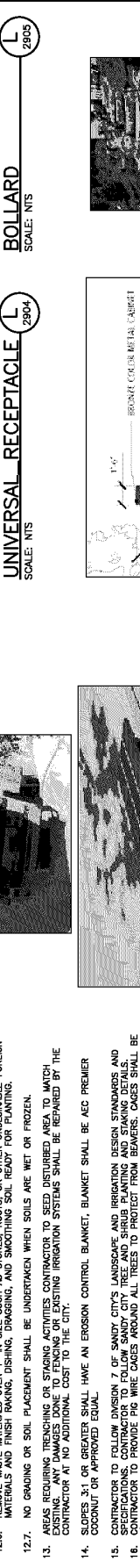
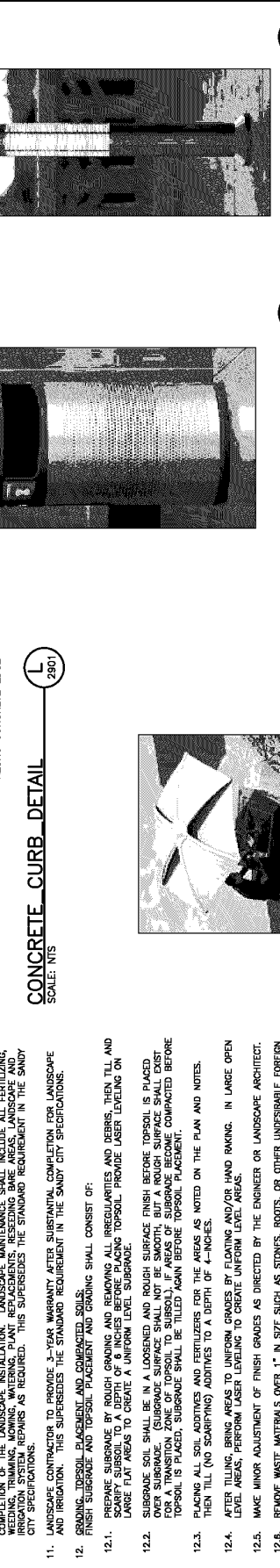


**LANDSCAPE GENERAL NOTES:**  
**LANDSCAPE NOTES:**



- ALL CONTRACTORS SHALL COMPLY WITH IA STANDARDS AND SANDY CITY LANDSCAPE STANDARDS AND DETAILS WHEN INSTALLING THE IRRIGATION SYSTEM AND INSTALLING LANDSCAPING AS WELL AS LANDSCAPE CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE STATE AND CITY/COUNTY CODES.
- ALL LANDSCAPING AND IRRIGATION MUST BE MAINTAINED BY CONTRACTOR UNTIL THREE YEARS AFTER SUBSTANTIAL COMPLETION.
- ALL CONTRACTORS SHALL SUBMIT, TO THE OWNER, TWO COPIES OF AN APPROVED SET OF LANDSCAPE AND IRRIGATION DRAWINGS, PRIOR TO THE WARRANTY PERIOD INSPECTION.
- THE LANDSCAPE PLANTING ARE TO BE USED IN CONJUNCTION WITH THE CIVIL SITE AND IRRIGATION PLANS TO PROVIDE COMPLETE INFORMATION FOR THIS REFER TO CIVIL SITE PLAN FOR EXISTING AND PROPOSED DEVELOPMENT AND ZONES OF CONSTRUCTION.
- THE CONTRACTOR SHALL EXAMINE THE SITE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND NOTIFY THE OWNER IN WRITING OF UNSATISFACTORY CONDITIONS, DO NOT PROCEED UNTIL CONDITIONS HAVE BEEN CORRECTED.
- BEFORE STARTING WORK, CONTRACTOR SHALL CONTACT APPROPRIATE UTILITY COMPANIES FOR EXISTING AND PROPOSED UNDERGROUND UTILITIES, IRRIGATION SLEEVES, ELECTRICAL CONDUITS, SIGNAGE, ETC. CONTRACTOR SHALL REPAIR ALL DAMAGED IMPROVEMENTS AT CONTRACTORS EXPENSE.
- ALL SHRUB AND TREE LOCATIONS ARE TO BE STAKED OUT ON SITE FOR APPROVAL BY OWNER OR LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. PLANT TREES AND SHRUBS PER SANDY CITY DETAILS.
- SEE SPECIFICATIONS FOR TOPSOIL AND MULCH PLACEMENT. TOPSOIL TO BE APPLIED AT A DEPTH OF 6-INCHES BETWEEN THE END OF THE RIPRAP AND EDGE OF THE PROPOSED TRAIL. CONTRACTOR TO ACCOUNT FOR THE 4-INCH MULCH DEPTH. SOIL PREP MULCH TO BE PLACED AT A DEPTH OF 4-INCHES IN ADDITION TO THE 6-INCH TOPSOIL.
- NOTE: AFTER THE SEEDING AREAS ARE ESTABLISHED THEY SHALL BE FERTILIZED AS PER SANDY CITY'S SPECIFICATIONS. CONTRACTOR SHALL PROVIDE FERTILIZER COVERAGE THAT IS AT LEAST 100 PERCENT. AREAS THAT ARE BELOW 85 PERCENT COVERAGE SHALL BE RE-SEEDED, BROADCAST SEEDING IS NOT ALLOWED.
- PROVIDE LANDSCAPE AND IRRIGATION SYSTEM MAINTENANCE FOR THREE YEARS AFTER SUBSTANTIAL COMPLETION OF THE LANDSCAPE INSTALLATION. LANDSCAPE MAINTENANCE SHALL INCLUDE ALL FERTILIZING, WEEDING, TRIMMING, MOWING, WATERING, PLANT REPLACEMENTS, RESEEDING BARE AREAS, LANDSCAPE AND ARCHITECT REPAIRS AS REQUIRED. THIS SUPERSEDES THE STANDARD REQUIREMENT IN THE SANDY CITY SPECIFICATIONS.
- LANDSCAPE CONTRACTOR TO PROVIDE 3-YEAR WARRANTY AFTER SUBSTANTIAL COMPLETION FOR LANDSCAPE AND IRRIGATION. THIS SUPERSEDES THE STANDARD REQUIREMENT IN THE SANDY CITY SPECIFICATIONS.
- GRADING, TOPSOIL, PLACEMENT AND COVERED SOILS.

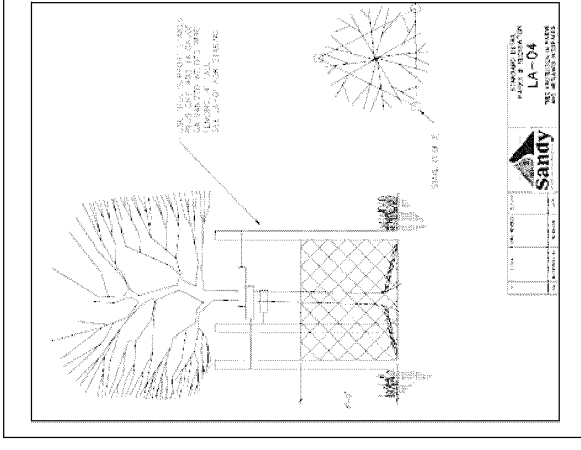
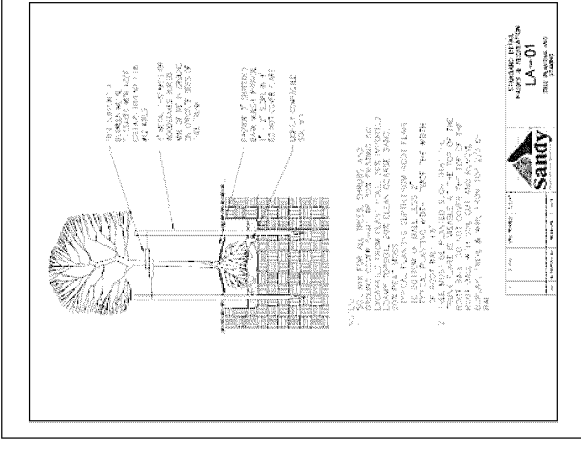
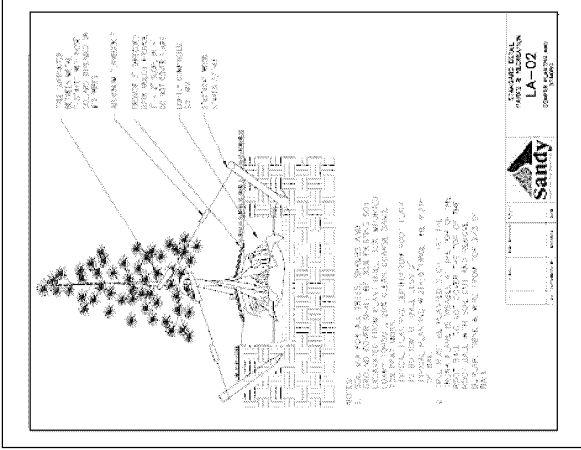
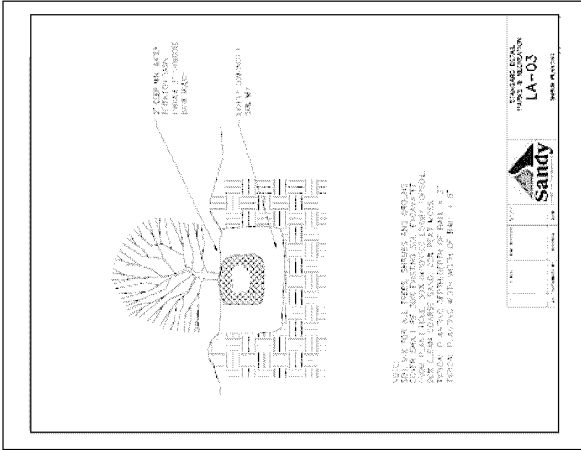
- 12.1. REGRADE SUBGRADE BY HIGH GRADINGS AND REPAIRS ALL INSEPARABLES AND DEBRIS, THEN TILL AND SCARP. SUBGRADE TO DEPTH OF 4-INCHES BEFORE PLACING TOPSOIL. PROVIDE LASER LEVELING ON LARGE FLAT AREAS TO CREATE A UNIFORM LEVEL SUBGRADE.
- 12.2. SUBGRADE SOIL SHALL BE IN A LOOSENED AND ROUGH SURFACE FINISH BEFORE TOPSOIL IS PLACED OVER SUBGRADE. (SUBGRADE SURFACE SHALL NOT BE SMOOTH, BUT A ROUGH SURFACE SHALL EXIST FOR A TRANSITION ZONE OF TOPSOIL TO SUBSOIL). IF AREAS OF SUBGRADE BECOME COMPACTED BEFORE TOPSOIL IS PLACED, SUBGRADE SHALL BE TILLED AGAIN BEFORE TOPSOIL PLACEMENT.
- 12.3. PLACING ALL SOIL ADDITIVES AND FERTILIZERS FOR THE AREAS AS NOTED ON THE PLAN AND NOTES. THEN TILL (NO SCARPING) ADDITIVES TO A DEPTH OF 4-INCHES.
- 12.4. AFTER TILLING, BRING AREAS TO UNIFORM GRADES BY FLOATING AND/OR HAND RAKING. IN LARGE OPEN LEVEL AREAS, PERFORM LASER LEVELING TO CREATE UNIFORM LEVEL AREAS.
- 12.5. MAKE MINOR ADJUSTMENT OF FINISH GRADES AS DIRECTED BY THE ENGINEER OR LANDSCAPE ARCHITECT.
- 12.6. REMOVE WASTE MATERIALS OVER 1" IN SIZE SUCH AS STONES, ROOTS, OR OTHER UNDESIRABLE FOREIGN MATERIALS AND FINISH RAKING, DISHING, DOWNGRASS, AND SMOOTHING SOIL READY FOR PLANTING.
- 12.7. NO GRADING OR SOIL PLACEMENT SHALL BE UNDERTAKEN WHEN SOILS ARE WET OR FROZEN.

13. AREAS REQUIRING TRENCHING OR STAKING ACTIVITIES CONTRACTOR TO SEED DISTURBED AREA TO MATCH EXISTING. ANY DAMAGES DONE TO FENCING OR EXISTING IRRIGATION SYSTEMS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY.
14. SLOPES 3:1 OR GREATER SHALL HAVE AN EROSION CONTROL BLANKET. BLANKET SHALL BE AEC PREMIER COCONUT OR APPROVED EQUAL.
15. CONTRACTOR TO FOLLOW DIVISION 7.07 OF SANDY CITY'S LANDSCAPE AND IRRIGATION DESIGN STANDARDS AND SPECIFICATIONS. CONTRACTOR TO FOLLOW SANDY CITY TREE AND SHRUB PLANTING AND STAKING DETAILS.
16. 4" TALL ENCODING THE TRUNK AND MUST LEAVE 6" SPACES BETWEEN THE CAGE AND TREE. CAGES SHALL BE ANCHORED TO THE GROUND WITH STURDY STAKES.



REPAIRMAN SET MIX	WATER NAME	TESTS
Asph/Flt/Gravel	Asphalt	1%
Asph/Flt/Gravel	Asphalt	3.50%
Asph/Flt/Gravel	Asphalt	7.00%
Asph/Flt/Gravel	Asphalt	10.50%
Asph/Flt/Gravel	Asphalt	14.00%
Asph/Flt/Gravel	Asphalt	17.50%
Asph/Flt/Gravel	Asphalt	21.00%
Asph/Flt/Gravel	Asphalt	24.50%
Asph/Flt/Gravel	Asphalt	28.00%
Asph/Flt/Gravel	Asphalt	31.50%
Asph/Flt/Gravel	Asphalt	35.00%
Asph/Flt/Gravel	Asphalt	38.50%
Asph/Flt/Gravel	Asphalt	42.00%
Asph/Flt/Gravel	Asphalt	45.50%
Asph/Flt/Gravel	Asphalt	49.00%
Asph/Flt/Gravel	Asphalt	52.50%
Asph/Flt/Gravel	Asphalt	56.00%
Asph/Flt/Gravel	Asphalt	59.50%
Asph/Flt/Gravel	Asphalt	63.00%
Asph/Flt/Gravel	Asphalt	66.50%
Asph/Flt/Gravel	Asphalt	70.00%
Asph/Flt/Gravel	Asphalt	73.50%
Asph/Flt/Gravel	Asphalt	77.00%
Asph/Flt/Gravel	Asphalt	80.50%
Asph/Flt/Gravel	Asphalt	84.00%
Asph/Flt/Gravel	Asphalt	87.50%
Asph/Flt/Gravel	Asphalt	91.00%
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Asph/Flt/Gravel	Asphalt	98.00%
Asph/Flt/Gravel	Asphalt	100%

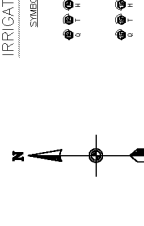
 <b>BOWEN COLLINS</b> ASSOCIATES LANDSCAPE ARCHITECTS 1000 W. BROADWAY SUITE 1000 HOUSTON, TEXAS 77002 TEL: 713.516.2100 WWW.BOWENCOLLINS.COM	 <b>J. TSANDES</b> LANDSCAPE ARCHITECT STATE OF TEXAS LICENSE NO. 12456 EXPIRES 09/01/2024	<b>REVISIONS</b> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REV. BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO.	DATE	REV. BY	DESCRIPTION													PROJECT NUMBER: 009-18-01 DATE: MARCH 2018	DRAWING NO.: L-03 SHEET: 12 OF 21
		NO.	DATE	REV. BY	DESCRIPTION																
DESIGN: J. TSANDES CHECKED: J. TSANDES APPROVED: J. TSANDES BAR IS ONE INCH ON ORIGINAL DRAWING <b>VERIFY SCALE</b>		PROJECT NAME: DRY CREEK CHANNEL RESTORATION PHASE 2 (2018) LOCATION: SANDY CITY, SANDY, UT		LANDSCAPE DETAILS - 2																	
LANDSCAPE																					



**IRRIIGATION\_SCHEDULE**

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
⊙	Rain Bird RD-06-S-430 TURF 12 U Series Turf Spray, 6.0" Pop-Up, with 30 psi in-stem pressure regulation, and Seal-A-Matic check valve.	17
⊙	Rain Bird RD-06-S-430 TURF 15 U Series Turf Spray, 6.0" Pop-Up, with 30 psi in-stem pressure regulation, and Seal-A-Matic check valve.	26
⊙	Rain Bird RD-06-S-430 8 U Series Turf Spray, 6.0" Pop-Up, with 30 psi in-stem pressure regulation, and Seal-A-Matic check valve.	27
⊙	Rain Bird RD-06-S-430 10 U Series Turf Spray, 6.0" Pop-Up, with 30 psi in-stem pressure regulation, and Seal-A-Matic check valve.	13
⊙	Rain Bird RD-06-S-430 12 U Series Turf Spray, 6.0" Pop-Up, with 30 psi in-stem pressure regulation, and Seal-A-Matic check valve.	75
⊙	Rain Bird RD-06-S-430 15 U Series Turf Spray, 6.0" Pop-Up, with 30 psi in-stem pressure regulation, and Seal-A-Matic check valve.	89
⊙	Rain Bird RD-06-S-430 ADJ Strub Spray, 6.0" Pop-Up, with 30 psi in-stem pressure regulation, and Seal-A-Matic check valve. HAZE FIXED ARCS.	57

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
○	Hunter IZ-101 Dip Kit, for Commercial Applications, 1" Ball Valve with 1" PEBB Valve and Filter, 0.5gpm to 20gpm.	4



**CRITICAL ANALYSIS**

General: 2018-02-28 18:45  
 P.O.C. NUMBER: 01  
 Water Source Information: 2", 50 GPM's, 85 PSI

FLOW AVAILABLE  
 Custom Max Flow: 50.00 gpm  
 Flow Available: 50.00 gpm

PRESSURE AVAILABLE  
 Maximum Pressure Available at JOC: 85.00 psi  
 Residual Pressure Available: 85.00 psi

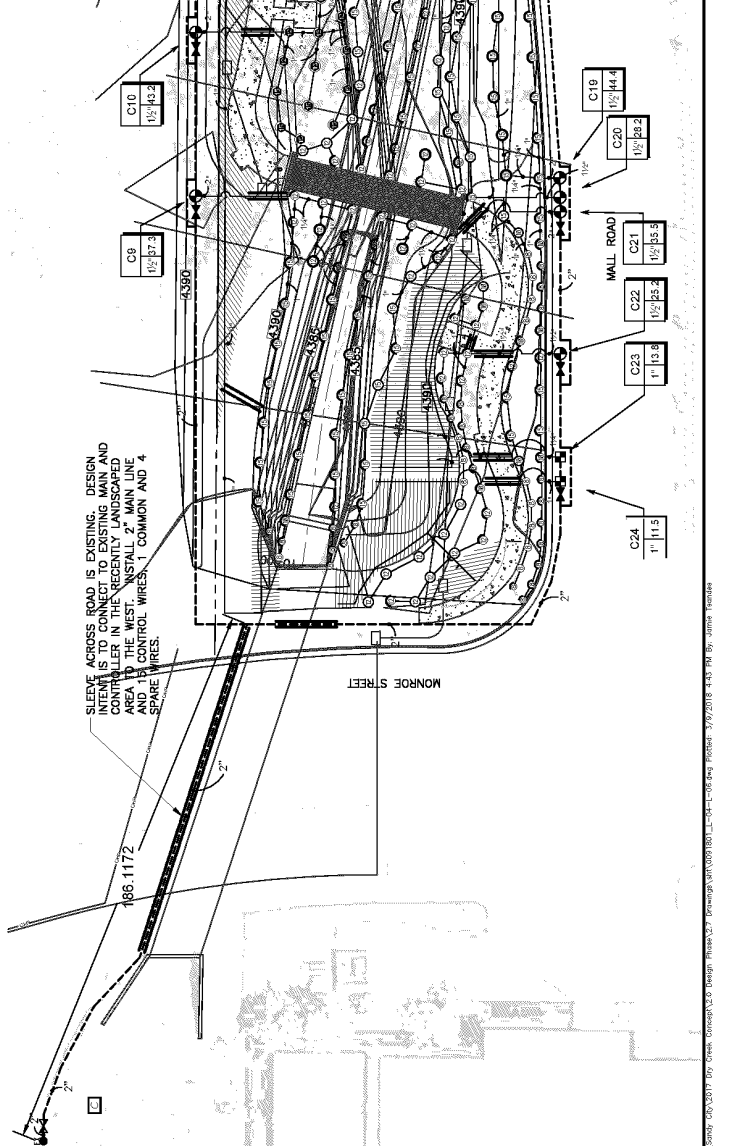
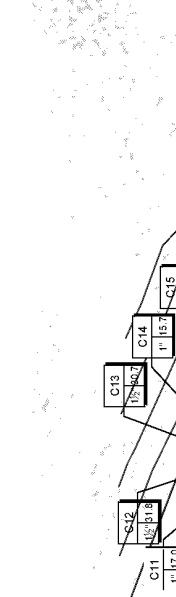
DESIGN ANALYSIS  
 Maximum Station Flow: 47.84 gpm  
 Flow Available at JOC: 50.00 gpm  
 Residual Flow Available: 21.6 gpm

Critical Pipe Pressure: 30.00 psi  
 Friction Loss: 3.06 psi  
 Elevation Loss: 0.00 psi  
 Loss through Valve: 22.50 psi  
 Pressure at Critical Station: 22.50 psi  
 Loss for Friction: 0.26 psi  
 Loss for Backflow: 0.00 psi  
 Loss for Backflow Valve Elevation: 0.00 psi  
 Residual Pressure at JOC: 85.00 psi  
 Residual Pressure Available: 26.39 psi

Notes:  
 1. Quick coupler required at every valve complex as per Sandy City Details  
 2. Install tracer wire and two spare wires required as per Sandy City Standards  
 3. Perform required Water Audit, as per Sandy City Standards and Specifications, prior to placement of Seed and/or soil.

**REVISIONS**

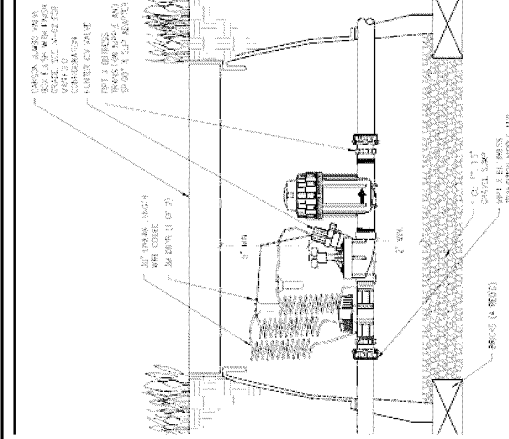
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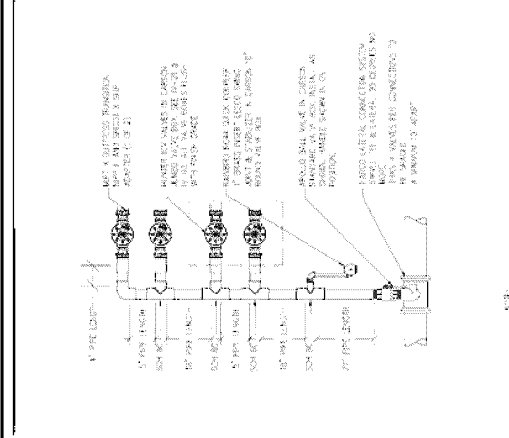
REVISIONS	
NO.	DESCRIPTION

DESIGN	J. TSANDES
CHECKED	R. JACOBSEN
APPROVED	R. JACOBSEN
DATE	03-16-18
PROJECT NUMBER	009-18-01

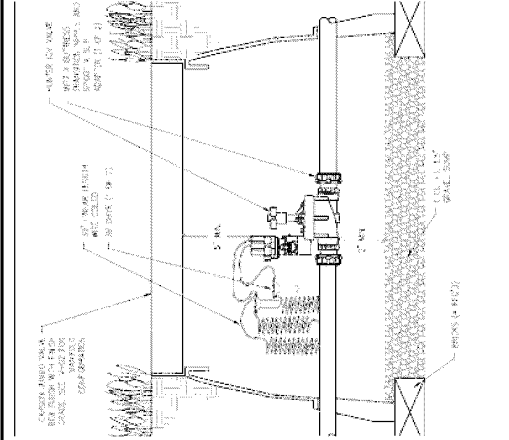
SMOY CITY  
 DRY CREEK CHANNEL RESTORATION PHASE 2 (2018)  
 VERIFY SCALE  
 BAR IS ONE INCH ON  
 ORIGINAL DRAWING



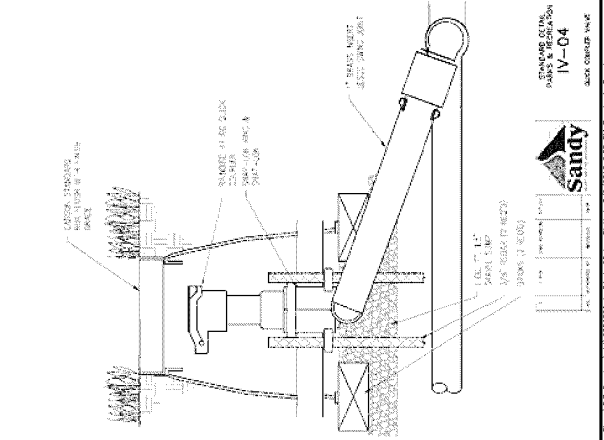
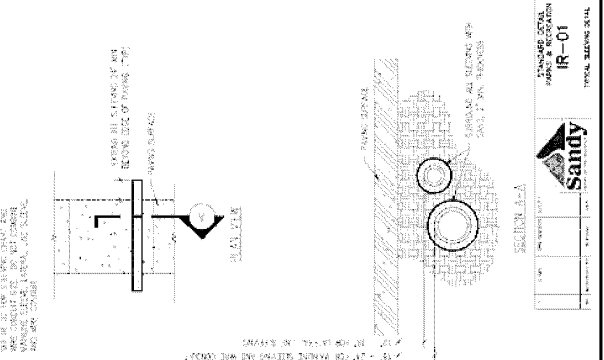
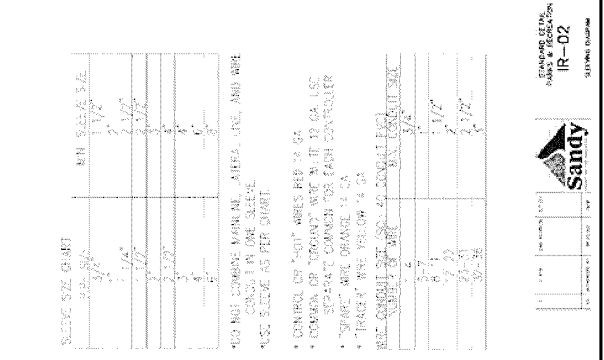
STANDARD DETAIL  
 PARKS & RECREATION  
**IV-03**  
 SANDY GROUP



STANDARD DETAIL  
 PARKS & RECREATION  
**IV-02**  
 SANDY GROUP



STANDARD DETAIL  
 PARKS & RECREATION  
**IV-01**  
 SANDY GROUP

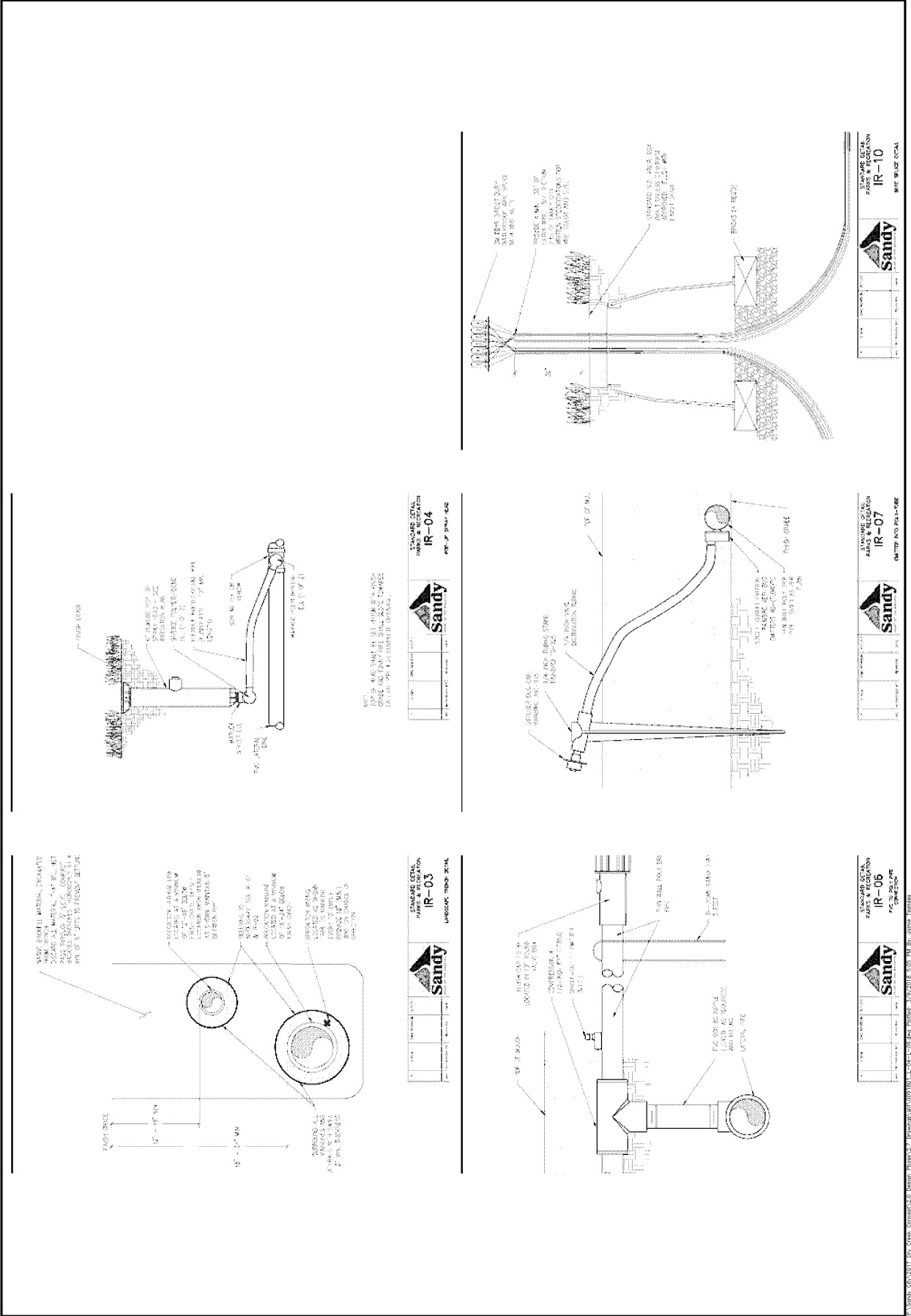


STANDARD DETAIL  
 PARKS & RECREATION  
**IR-02**  
 SANDY GROUP

STANDARD DETAIL  
 PARKS & RECREATION  
**IR-01**  
 SANDY GROUP

STANDARD DETAIL  
 PARKS & RECREATION  
**IV-04**  
 SANDY GROUP

 <b>BOWEN COLLINS</b> ASSOCIATES	 <b>MARCH 9, 2018</b> STATE OF UTAH PROFESSIONAL ENGINEER NO. 38982 SANDY, UT	<b>REVISIONS</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REV.</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	REV.	DESCRIPTION																	<b>VERIFY SCALE</b> ORIGINAL DRAWING NO. _____	<b>DESIGN</b> J. TSANDES CHECKED R. JACOBSEN REVIEW R. JACOBSEN APPROVED R. JACOBSEN SANDY, UT	PROJECT NUMBER 009-18-01 DATE MARCH 2018 DRAWING NO. <b>L-06</b> SHEET 15 OF 21
NO.	DATE	REV.	DESCRIPTION																						





NO.	DATE	REV.	DESCRIPTION

DESIGN SCALE  
 REVIEW  
 SANDY, UT

CHECKED  
 J. TSAUNDS  
 R. DAVIS

DESIGN  
 R. DAVIS  
 009-19-01

DATE: MARCH 2018  
 PROJECT NUMBER: 009-19-01  
**PEDESTRIAN BRIDGE**  
**PLAN AND ELEVATION**

DRAWING NO.  
**B-01**  
 SHEET 16 OF 21

**GENERAL NOTES**

DESIGN SPECIFICATIONS: ASHTO "L"RD BRIDGE DESIGN SPECIFICATIONS", 7TH EDITION  
 2011. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND MATERIALS SHALL BE AS SHOWN.  
 DESIGN SPECIFICATIONS FOR DESIGN OF PEDESTRIAN BRIDGES, 2ND EDITION 2015.

FOUNDATION: FOOTINGS ARE SIZED FOR 2000 PSF ALLOWABLE BEARING CAPACITY. ALL PLAN DIMENSIONS SHOWN ARE MEASURED HORIZONTALLY UNLESS OTHERWISE NOTED AND REFLECT THE UTM GEOMETRIC SHAPE AND LOCATION OF ALL ELEMENTS AT A MEAN TEMPERATURE OF 70 DEGREES F.

CONCRETE: ALL CONCRETE SHALL BE AIR ENTRAINED, USE TYPE II OR V CEMENT. REINFORCING STEEL: ALL REINFORCING STEEL SHALL BE ASTM A615, DIMENSIONS RELATING TO BAR SPACING ARE CENTER TO CENTER. BENDING DIMENSIONS ARE FROM OUT TO OUT OF THE BARS.

STEEL: STRUCTURAL STEEL: FABRICATE FROM STEEL CONFORMING TO ASTM A572, GRADE 50 OR ASTM A500, GRADE C. THE MINIMUM THICKNESS OF ALL STRUCTURAL STEEL MEMBERS SHALL BE 1/4 INCH FOR MAIN TRUSS CHORDS AND 3/16 INCH FOR ALL OTHER MEMBERS.

WELDED CONNECTIONS: WELDED CONNECTIONS SHALL BE FILLET WELDS (OR HAVE THE EFFECTIVE THROAT OF A FILLET WELD) OF A SIZE EQUAL TO THE THICKNESS OF THE LIGHTEST GAGE MEMBER IN THE CONNECTION. ALL TOP AND BOTTOM CHORD SHOP SPLICES TO BE COMPLETE PENETRATION TYPE WELDS.

BRIDGE DECK: 1-1/2" THICK NATURALLY DURABLE WOOD - P.E. GRADE FEN. CAMBER: THE CAMBER SHALL BE AS SPECIFIED BY THE BRIDGE MANUFACTURER BUT MAXIMUM DECK SLOPE SHALL NOT EXCEED A MAXIMUM REQUIREMENT OF 0.33%.

PAINTING: PAINTING STRUCTURAL STEEL PER PROJECT SPECIFICATIONS. FOUNDATIONS:

ABUTMENTS: FOOTINGS ARE SIZED FOR 2000 PSF ALLOWABLE BEARING CAPACITY. ALL PLAN DIMENSIONS SHOWN ARE MEASURED HORIZONTALLY UNLESS OTHERWISE NOTED AND REFLECT THE UTM GEOMETRIC SHAPE AND LOCATION OF ALL ELEMENTS AT A MEAN TEMPERATURE OF 70 DEGREES F.

PLAN DIMENSIONS: ALL PLAN DIMENSIONS SHOWN ARE MEASURED HORIZONTALLY UNLESS OTHERWISE NOTED AND REFLECT THE UTM GEOMETRIC SHAPE AND LOCATION OF ALL ELEMENTS AT A MEAN TEMPERATURE OF 70 DEGREES F.

DESIGN STRESSES:  
 STRUCTURAL STEEL  
 F<sub>y</sub> = 50,000 PSI  
 F<sub>t</sub> = 4,500 PSI, n = 8  
 F<sub>y</sub> = 60,000 PSI

CONCRETE  
 REINFORCING STEEL  
 F<sub>y</sub> = 50,000 PSI  
 F<sub>t</sub> = 4,500 PSI, n = 8  
 F<sub>y</sub> = 60,000 PSI

DESIGN PARAMETERS:  
 PMS = 0.396 S<sub>ds</sub> = 1.028 S<sub>1</sub> = 0.960 A<sub>s</sub> = 0.430 SDC = D  
 BARRIER RAIL: POCKET RAIL WITH LESS THAN 4" OPENING UP TO 42" HEIGHT.

LIVE LOAD: 80 PSF UNIFORM LIVE LOADING ON THE FULL DECK AREA OR ONE HS (10,000 LB) VEHICLE PLUS 20 PSF SNOW LOAD.

WIND LOAD: 100 MPH PER ASHTO SECTION 3.3.

SEISMIC LOAD: DESIGN PER ASHTO SECTION 3.10 WITH FOLLOWING PARAMETERS:  
 PMS = 0.396 S<sub>ds</sub> = 1.028 S<sub>1</sub> = 0.960 A<sub>s</sub> = 0.430 SDC = D  
 BARRIER RAIL: POCKET RAIL WITH LESS THAN 4" OPENING UP TO 42" HEIGHT.

DESIGN STRESSES:  
 STRUCTURAL STEEL  
 F<sub>y</sub> = 50,000 PSI  
 F<sub>t</sub> = 4,500 PSI, n = 8  
 F<sub>y</sub> = 60,000 PSI

CONCRETE  
 REINFORCING STEEL  
 F<sub>y</sub> = 50,000 PSI  
 F<sub>t</sub> = 4,500 PSI, n = 8  
 F<sub>y</sub> = 60,000 PSI

DESIGN PARAMETERS:  
 PMS = 0.396 S<sub>ds</sub> = 1.028 S<sub>1</sub> = 0.960 A<sub>s</sub> = 0.430 SDC = D  
 BARRIER RAIL: POCKET RAIL WITH LESS THAN 4" OPENING UP TO 42" HEIGHT.

LIVE LOAD: 80 PSF UNIFORM LIVE LOADING ON THE FULL DECK AREA OR ONE HS (10,000 LB) VEHICLE PLUS 20 PSF SNOW LOAD.

WIND LOAD: 100 MPH PER ASHTO SECTION 3.3.

SEISMIC LOAD: DESIGN PER ASHTO SECTION 3.10 WITH FOLLOWING PARAMETERS:  
 PMS = 0.396 S<sub>ds</sub> = 1.028 S<sub>1</sub> = 0.960 A<sub>s</sub> = 0.430 SDC = D  
 BARRIER RAIL: POCKET RAIL WITH LESS THAN 4" OPENING UP TO 42" HEIGHT.

DESIGN STRESSES:  
 STRUCTURAL STEEL  
 F<sub>y</sub> = 50,000 PSI  
 F<sub>t</sub> = 4,500 PSI, n = 8  
 F<sub>y</sub> = 60,000 PSI

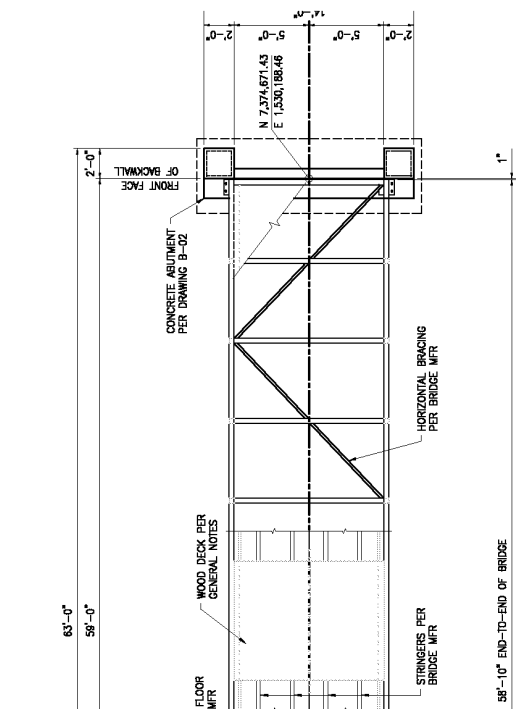
CONCRETE  
 REINFORCING STEEL  
 F<sub>y</sub> = 50,000 PSI  
 F<sub>t</sub> = 4,500 PSI, n = 8  
 F<sub>y</sub> = 60,000 PSI

DESIGN PARAMETERS:  
 PMS = 0.396 S<sub>ds</sub> = 1.028 S<sub>1</sub> = 0.960 A<sub>s</sub> = 0.430 SDC = D  
 BARRIER RAIL: POCKET RAIL WITH LESS THAN 4" OPENING UP TO 42" HEIGHT.

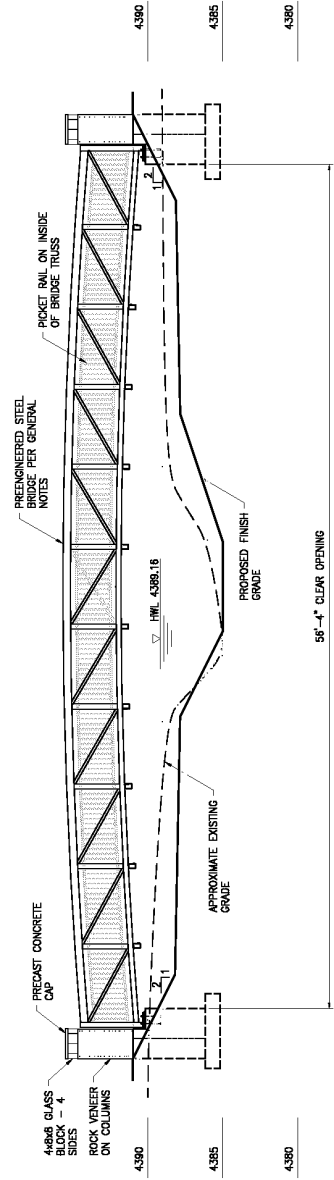
LIVE LOAD: 80 PSF UNIFORM LIVE LOADING ON THE FULL DECK AREA OR ONE HS (10,000 LB) VEHICLE PLUS 20 PSF SNOW LOAD.

WIND LOAD: 100 MPH PER ASHTO SECTION 3.3.

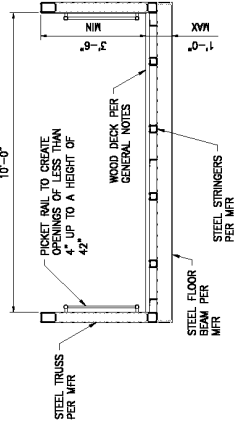
SEISMIC LOAD: DESIGN PER ASHTO SECTION 3.10 WITH FOLLOWING PARAMETERS:  
 PMS = 0.396 S<sub>ds</sub> = 1.028 S<sub>1</sub> = 0.960 A<sub>s</sub> = 0.430 SDC = D  
 BARRIER RAIL: POCKET RAIL WITH LESS THAN 4" OPENING UP TO 42" HEIGHT.



**GENERAL PLAN**



**ELEVATION**



**SECTION**

\\vanderbilt.edu\proj\17\dry\_creek\_concept\3D\_dwg\plan\3D\_drawing\0001801\_B-01.dwg Plotfile: 3/7/2018 4:32 PM by: Russell Davis

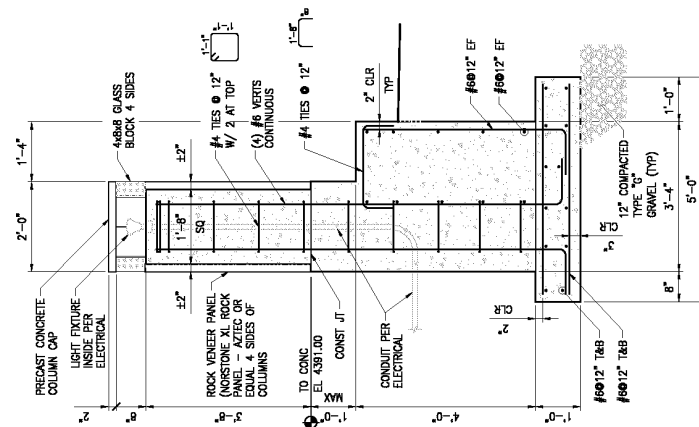


NO.	DATE	REV.	BY	DESCRIPTION

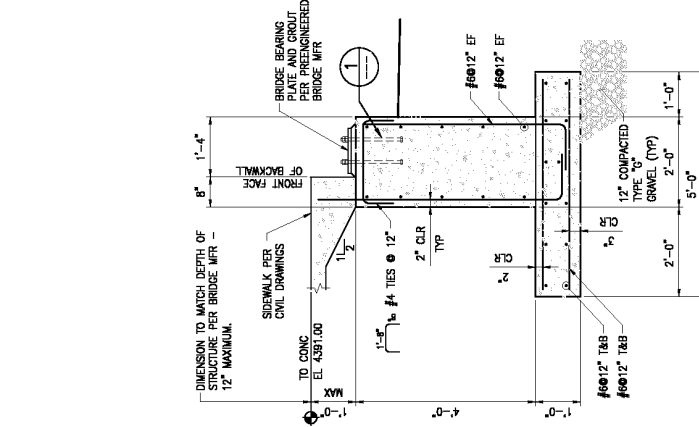
**VERIFY SCALE**  
BASE IS ONE INCH ON ORIGINAL DRAWING

DESIGN: R. DAVIS  
CHECKED: J. TSANDOS  
APPROVED: R. DAVIS  
SANDY, UT

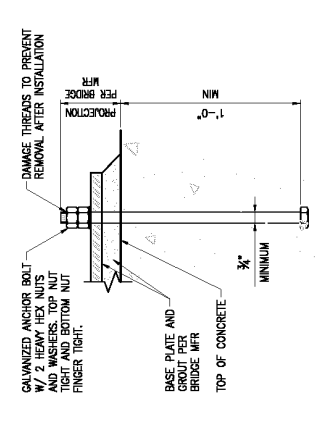
**PEDESTRIAN BRIDGE ABUTMENT PLAN, ELEVATION, AND DETAILS**  
BRIDGE: DRY CREEK CHANNEL RESTORATION PHASE 2 (2018)  
DRAWING NO. B-02  
SHEET 17 OF 21  
DATE: MARCH 2018  
PROJECT NUMBER: 009-18-01



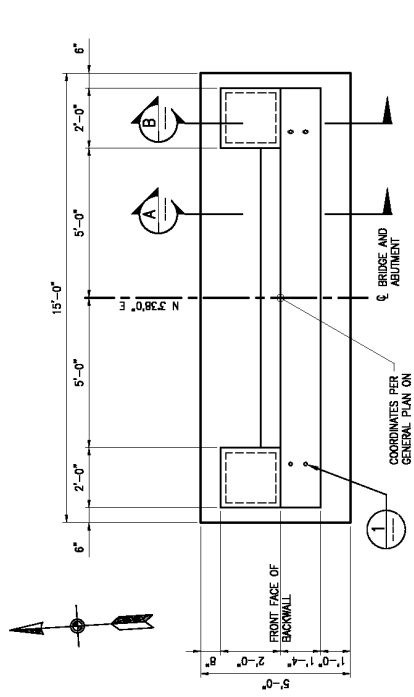
**SECTION A**  
SCALE: 3/4"=1'-0"



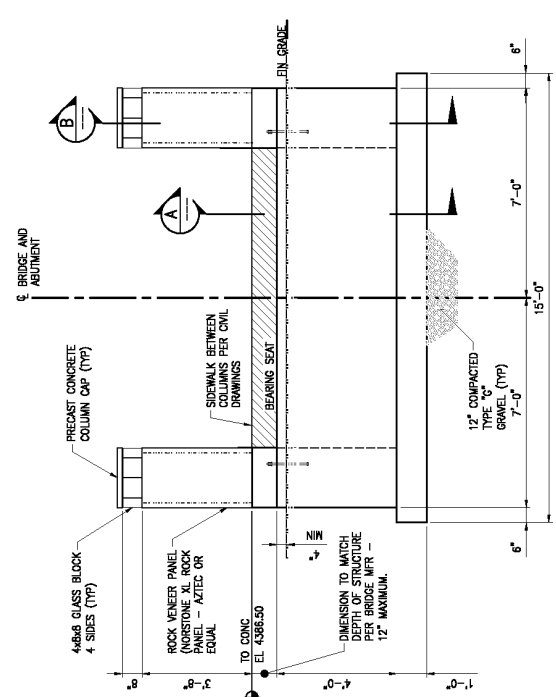
**SECTION B**  
SCALE: 3/4"=1'-0"



**DETAIL**  
SCALE: 3/4"=1'-0"



**ABUTMENT PLAN**  
NORTH ABUTMENT SHOWN HERE  
SOUTH ABUTMENT SIM BY MIRROR



**ABUTMENT ELEVATION**

**GENERAL NOTES:**

- VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS BEFORE BEGINNING ROUGH-IN. CONSULT ALL APPLICABLE CONTRACT DRAWINGS AND SHOP DRAWINGS TO ENSURE NEC CODE CLEARANCE REQUIRED AROUND ALL ELECTRICAL EQUIPMENT.
- CONTRACTOR SHALL VERIFY ALL ELECTRICAL LOADS (VOLTAGE, PHASE, CONNECTION REQUIREMENTS, ETC.) OF EQUIPMENT FURNISHED BEFORE BEGINNING ROUGH-IN.
- SEE APPLICABLE SHOP DRAWINGS FOR ROUGH-IN LOCATION OF ALL EQUIPMENT, WIRING DEVICES, ETC.
- THE ELECTRICAL CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE ARCHITECT AND OTHER TRADES TO COORDINATE THE LOCATION OF ALL ELECTRICAL EQUIPMENT. ALL ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THROUGH ELECTRICAL ROOMS OR SPACES; OR ABOVE OR BELOW ELECTRICAL EQUIPMENT IN THE OTHER AREAS.
- ALL PENETRATIONS OF FLOORS, WALLS AND CEILINGS SHALL BE SEALED WITH APPROVED MATERIAL.
- FOR PACKAGED EQUIPMENT PROVIDED ON THE PROJECT, SOME CONDUIT RUNS SHALL BE INSTALLED IN CONCRETE. THE CONTRACTOR IS EXPECTED THAT SOME ADDITIONAL CONDUITS AND WIRES MAY BE REQUIRED BY EQUIPMENT MANUFACTURERS TO COMPLETE INSTALLATION. IT IS INCUMBENT UPON THE GENERAL CONTRACTOR TO COORDINATE WITH THE EQUIPMENT MANUFACTURER TO OBTAIN NECESSARY ELECTRICAL EQUIPMENT SUPPLIER PROVIDED INFORMATION TO ENSURE THAT INFORMATION TO ELECTRICAL SUBCONTRACTOR FOR INCLUSION WHETHER SHOWN OR NOT SHOWN ON THE DRAWINGS.
- IF OTHER THAN FIRST NAMED EQUIPMENT IS USED, IT SHALL BE CAREFULLY CHECKED FOR ELECTRICAL REQUIREMENTS AND CONTROL REQUIREMENTS OF ALTERNATE EQUIPMENT. SHOULD CHANGES OR ADDITIONS OCCUR IN ELECTRICAL WORK, OR THE WORK OF OTHER CONTRACTORS BE REVISED BY THE ALTERNATE EQUIPMENT, THE COST OF ALL CHANGES SHALL BE BORNE BY THE CONTRACTOR.
- IT IS THE ELECTRICAL SUBCONTRACTOR'S RESPONSIBILITY TO DELIVER THE COMPLETE SET OF PLANS IN ORDER TO INSURE THAT ALL ITEMS RELATED TO ELECTRICAL POWER AND CONTROL SYSTEMS ARE COMPLETELY ACCOUNTED FOR.
- ALL EQUIPMENT DIMENSIONS SHOWN ON PLANS AND ELEVATIONS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL USE THE SHOP DRAWINGS FOR PROPER LAYOUT, FOUNDATION AND PAD, ETC., FOR FINAL INSTALLATION WITHOUT ANY ADDITIONAL COST TO THE OWNER.
- THE DRAWINGS DIAGRAMMATICALLY INDICATE THE DESIRED LOCATION AND ARRANGEMENT OF OUTLETS, CONDUIT RUNS, EQUIPMENT AND PHYSICAL SIZE AND ARRANGEMENT OF EQUIPMENT FINISHED ELEVATIONS, AND OTHERS OBSTRUCTIONS. LOCATIONS SHOWN ON THE DRAWINGS, HOWEVER, SHALL BE ADHERED TO AS CLOSELY AS POSSIBLE.
- THE ELECTRICAL INSTALLATION SHALL COMPLY WITH THE CURRENT VERSION OF THE NEC, LOCAL, AND STATE CODES.

**ELECTRICAL SYMBOLS LEGEND**

SYMBOL	DESCRIPTION
	THERMAL OVERLOAD RELAY
	DETAIL DESIGNATION DETAIL CALL OUT SHEET REFERENCE
	GROUND ROD GROUND ROD IN GROUND WELL GROUND RISER FROM THE GROUND PLATE (REBAR) BOLTED AND WELDED GROUND CONNECTIONS, RESPECTIVELY
	GROUND CABLE: • BURIED IN CONCRETE • BURIED IN EARTH • EXPOSED
	CONDUIT EXPOSED
	CONDUIT RUN UNDERGROUND OR IN CONCRETE
	BARE COPPER WIRE IN SLAB OR UNDERGROUND GRID, SIZE AS NOTED
	TRANSFORMER W/ DELTA-Y AND GROUND
	UTILITY METER
	UTILITY CT
	MOTOR-HORSEPOWER AS NOTED
	CIRCUIT BREAKER
	ELECTRICAL PANEL
	FUSE
	MOTOR STARTER NEMA SIZE AS NOTED
	DISCONNECT SWITCH SIZE AS NOTED
	GFI DUPLEX RECEPTACLE
	BRIDGE PIER/BOLLARD FIXTURE
	POLE MOUNTED FIXTURE
	ELECTRICAL CONNECTION

**EQUIPMENT GROUNDING CONDUCTORS**

FUSE OR CB SIZE	SIZE (COPPER)
15	14
20	10
30	10
40	10
60	10
100	8
150	6
200	4
300	4
400	3
500	2
800	2
1000	1/0
1200	2/0
1600	3/0
2000	4/0
2500	500
2500	500

**GROUNDING ELECTRODE SERVICE ENTRANCE OR SEPARATELY DERIVED SYSTEM**

COPPER CONDUCTOR SIZE	WIRE SIZE
#2 OR SMALLER	#8
2/0 OR 3/0	#6
>3/0 THRU 350 KCMIL	#2
>350 KCMIL THRU 1000 KCMIL	1/0



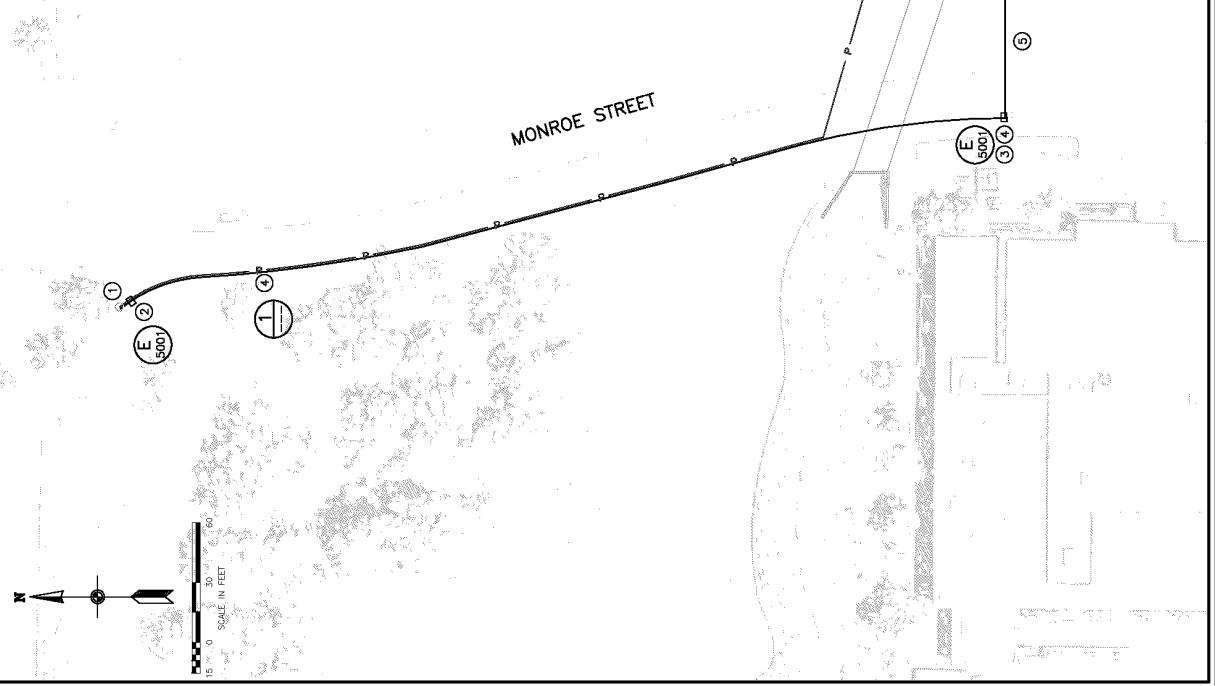
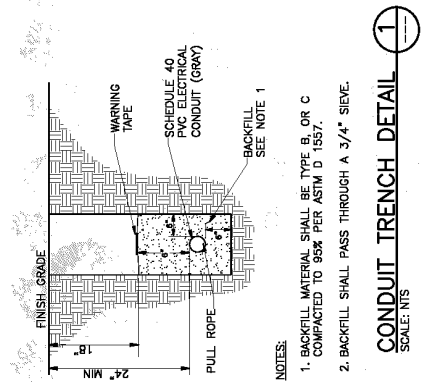


NO.	DATE	REV. BY	DESCRIPTION

DESIGN	D. STEWART
CHECKED	E. NEIL
REVIEW	D. STEWART
DATE	03-18-18
PROJECT NUMBER	009-18-01
DATE	MARCH 2018

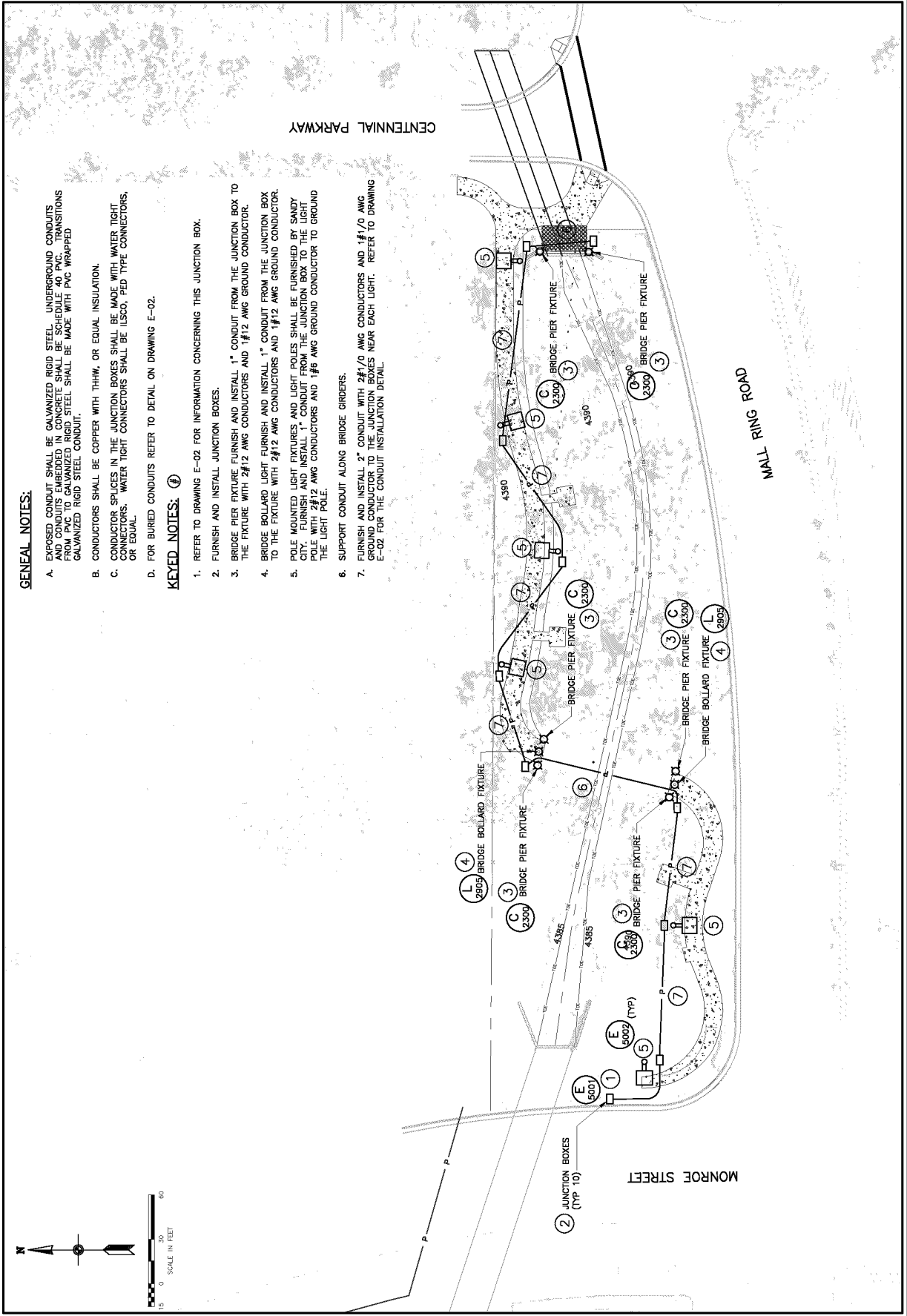
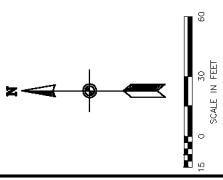
**GENERAL NOTES:**

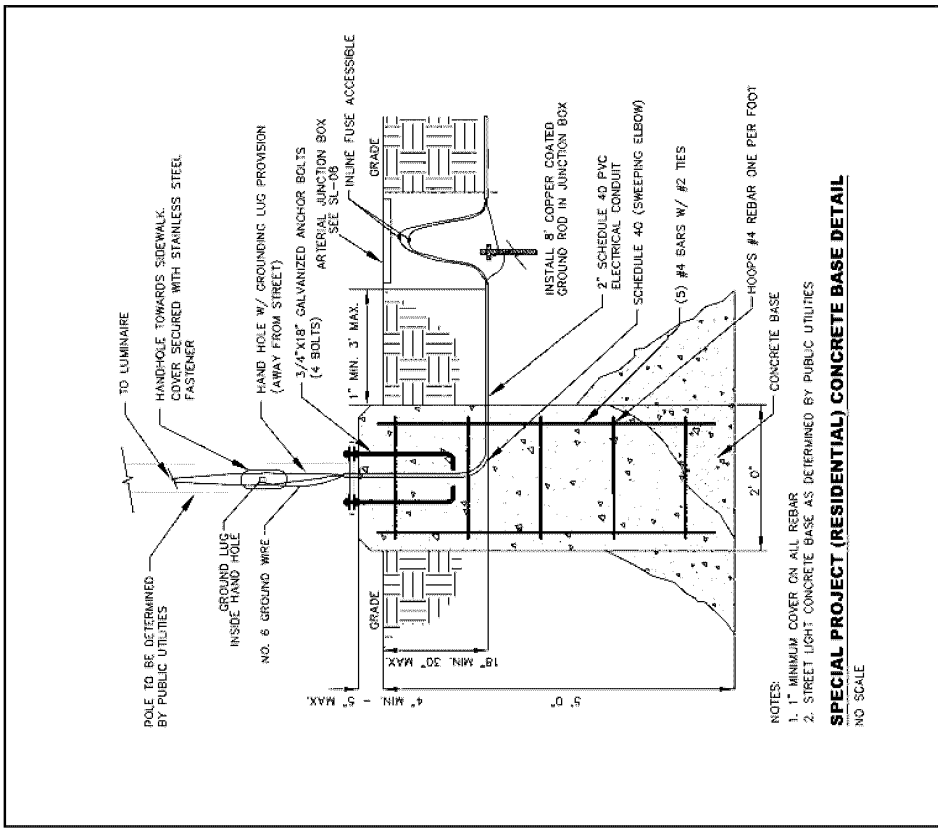
- EXPOSED CONDUIT SHALL BE GALVANIZED RIGID STEEL. UNDERGROUND CONDUITS AND CONDUITS EMBEDDED IN CONCRETE SHALL BE SCHEDULE 40 PVC. TRANSITIONS FROM PVC TO GALVANIZED RIGID STEEL SHALL BE MADE WITH PVC WRAPPED GALVANIZED RIGID STEEL CONDUIT.
  - CONDUCTORS SHALL BE COPPER WITH THHW, OR EQUAL INSULATION.
  - CONDUCTOR SPLICES IN THE JUNCTION BOXES SHALL BE MADE WITH WATER TIGHT CONNECTORS. WATER TIGHT CONNECTORS SHALL BE (LISCO, PED TYPE CONNECTORS, OR EQUAL).
- KEYED NOTES:**
- FURNISH AND INSTALL 15 AMP CIRCUIT BREAKER IN EXISTING PANEL AT POWER METER BASE FOR NEW LIGHTING LOADS.
  - FURNISH AND INSTALL JUNCTION BOX NEXT TO METER BASE WITH 1" CONDUIT FROM JUNCTION BOX TO METER AND BREAKER. #12 AWG CONDUITS AND #12 AWG GROUND CONDUCTOR FROM CIRCUIT BREAKER AND JUNCTION BOX TO POWER METER. THE GROUND ROD SHOWN IN THE DETAIL IS NOT REQUIRED IN THIS JUNCTION BOX.
  - FURNISH AND INSTALL JUNCTION BOXES TO CONNECT TO ONE OF THE EXISTING 4" CONDUITS THAT CROSSES UNDER MONROE STREET. COORDINATE WITH SANDY CITY FOR EXISTING CONDUIT UNDER MONROE STREET. THE GROUND ROD SHOWN IN THE DETAIL IS NOT REQUIRED IN THESE JUNCTION BOXES.
  - FURNISH AND INSTALL 2" CONDUIT FROM THE JUNCTION BOX AT THE POWER METER TO JUNCTION BOX LOCATED WHERE EXISTING CONDUITS CROSS UNDER MONROE STREET. #12 AWG CONDUITS AND #12 AWG GROUND CONDUCTOR TO SPlice TO THE #12 AWG CONDUCTORS IN THE JUNCTION BOX NEAR THE POWER METER.
  - FURNISH AND INSTALL 2#1/0 AWG CONDUCTORS AND 1#1/0 AWG GROUND CONDUCTOR IN EXISTING CONDUIT UNDER MONROE STREET TO THE JUNCTION BOX ON THE EAST SIDE ON MONROE STREET.
  - FURNISH AND INSTALL 2" CONDUIT WITH 2#1/0 AWG CONDUCTORS AND 1#1/0 AWG GROUND CONDUCTOR TO THE JUNCTION BOXES NEAR EACH LIGHT. REFER TO DRAWING E-03 FOR THE JUNCTION BOX AND LIGHT LOCATIONS. EXACT LOCATION OF CONDUIT, LIGHTS AND JUNCTION BOXES TO BE COORDINATED WITH SANDY CITY PRIOR TO INSTALLATION.



**GENERAL NOTES:**

- A. EXPOSED CONDUIT SHALL BE GALVANIZED RIGID STEEL. UNDERGROUND CONDUITS AND CONDUITS EMBEDDED IN CONCRETE SHALL BE SCHEDULE 40 PVC. TRANSITIONS FROM PVC TO GALVANIZED RIGID STEEL SHALL BE MADE WITH PVC WRAPPED GALVANIZED RIGID STEEL CONDUIT.
  - B. CONDUCTORS SHALL BE COPPER WITH THHW, OR EQUAL INSULATION.
  - C. CONDUCTOR SPLICES IN THE JUNCTION BOXES SHALL BE MADE WITH WATER TIGHT CONNECTORS. WATER TIGHT CONNECTORS SHALL BE ILSICO, FED TITE CONNECTORS, OR EQUAL.
  - D. FOR BURIED CONDUITS REFER TO DETAIL ON DRAWING E-02.
- KEYED NOTES:** ⑦
1. REFER TO DRAWING E-02 FOR INFORMATION CONCERNING THIS JUNCTION BOX.
  2. FURNISH AND INSTALL JUNCTION BOXES.
  3. BRIDGE PIER FIXTURE FURNISH AND INSTALL 1" CONDUIT FROM THE JUNCTION BOX TO THE FIXTURE WITH 2#12 AWG CONDUCTORS AND 1#12 AWG GROUND CONDUCTOR.
  4. BRIDGE BOLLARD LIGHT FURNISH AND INSTALL 1" CONDUIT FROM THE JUNCTION BOX TO THE FIXTURE WITH 2#12 AWG CONDUCTORS AND 1#12 AWG GROUND CONDUCTOR.
  5. POLE MOUNTED LIGHT FIXTURES AND LIGHT POLES SHALL BE FURNISHED BY SANDY CITY. FURNISH AND INSTALL 1" CONDUIT FROM THE JUNCTION BOX TO THE LIGHT POLE WITH 2#12 AWG CONDUCTORS AND 1#6 AWG GROUND CONDUCTOR TO GROUND THE LIGHT POLE.
  6. SUPPORT CONDUIT ALONG BRIDGE GRIDDERS.
  7. FURNISH AND INSTALL 2" CONDUIT WITH 2#1/0 AWG CONDUCTORS AND 1#1/0 AWG GROUND CONDUCTOR TO THE JUNCTION BOXES NEAR EACH LIGHT. REFER TO DRAWING E-02 FOR THE CONDUIT INSTALLATION DETAIL.





STANDARD DETAIL PUBLIC UTILITIES  
**SL-01A**  
 SPECIAL PROJECT (RESIDENTIAL)  
 CONCRETE BASE DETAIL

**Sandy**  
 PUBLIC UTILITIES DIVISION

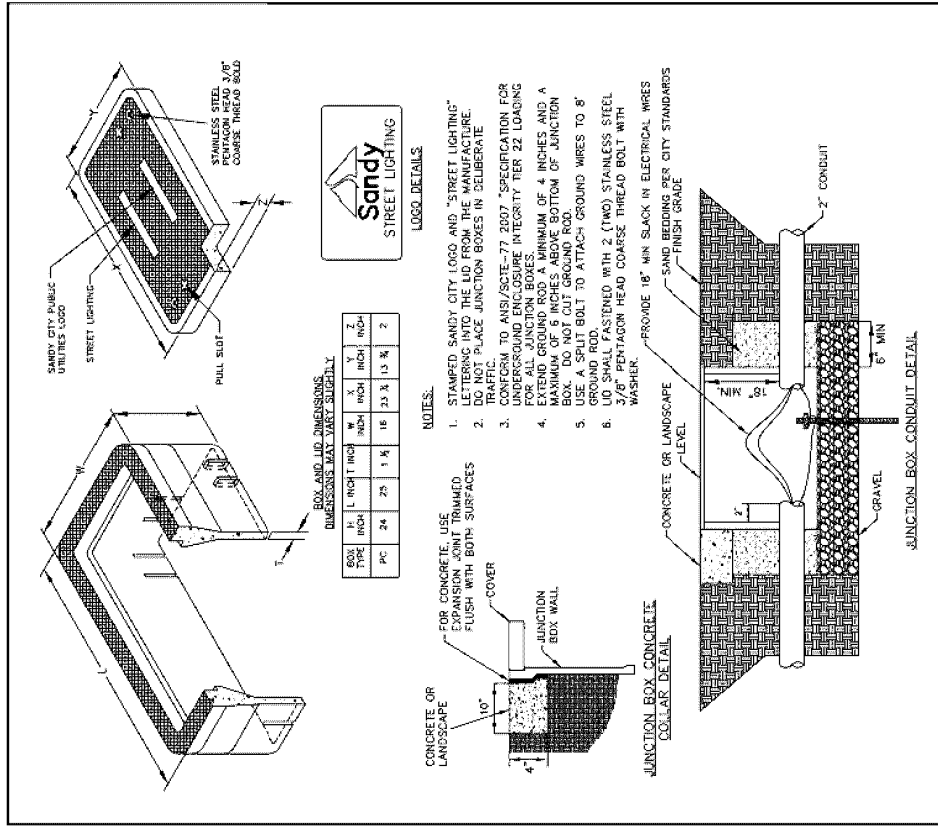
NO.	APPROVED BY	REVISIONS	DATE
1	DC		9/28/17
2	CC		1/28/18

NOT TO SCALE

NOTES:  
 1. 1" MINIMUM COVER ON ALL REBAR  
 2. STREET LIGHT CONCRETE BASE AS DETERMINED BY PUBLIC UTILITIES

**SPECIAL PROJECT (RESIDENTIAL) CONCRETE BASE DETAIL**  
 NO SCALE

SANDY CITY STANDARD CONCRETE BASE  
 SCALE: NTS



STANDARD DETAIL PUBLIC UTILITIES  
**SL-08**  
 ARTERIAL STREET LIGHT  
 JUNCTION BOX DETAIL

**Sandy**  
 PUBLIC UTILITIES DIVISION

NO.	APPROVED BY	REVISIONS	DATE
1	CC		9/28/17

NOT TO SCALE

NOTES:  
 1. STAMPED SANDY CITY LOGO AND "STREET LIGHTING" LETTERING INTO THE LID FROM THE MANUFACTURE. DO NOT PLACE JUNCTION BOXES IN DELIBERATE TRAFFIC.  
 2. CONFORM TO ANSI/SCIE-77 2007 "SPECIFICATION FOR JUNCTION BOXES" FOR ALL JUNCTION BOXES.  
 3. CONFORM TO ANSI/SCIE-77 2007 "SPECIFICATION FOR JUNCTION BOXES" FOR ALL JUNCTION BOXES.  
 4. EXTEND GROUND ROD A MINIMUM OF 4 INCHES AND A MAXIMUM OF 5 INCHES ABOVE BOTTOM OF JUNCTION BOX. USE NO. 6 GROUND ROD.  
 5. GROUND ROD SHALL BE ATTACHED TO GROUND WIRES TO 8" BELOW THE BOTTOM OF THE JUNCTION BOX.  
 6. LID SHALL BE FASTENED WITH 2 (TWO) STAINLESS STEEL 3/8" PENTAGON HEAD COARSE THREAD BOLT WITH WASHER.  
 7. PROVIDE 18" MIN SLACK IN ELECTRICAL WIRES.  
 8. SAND BEDDING PER CITY STANDARDS.  
 9. FINISH GRADE

SANDY CITY STANDARD JUNCTION BOX  
 SCALE: NTS

**EXHIBIT "B"**  
**PUBLIC EASEMENT LEGAL DESCRIPTION**

A portion of Lot 1, AMENDED LOT 1, SOUTH TOWNE CENTER MALL SUBDIVISION, according to the official plat thereof recorded August 15, 2005 as Entry No. 9461246 in Book 2005P of plats at Page 250 in the office of the Salt Lake County Recorder, located in the Northeast Quarter of Section 13, Township 3 South, Range 1 West, Salt Lake Base and Meridian, described by metes and bounds as follows:

Beginning at a point on the northerly boundary of said AMENDED LOT 1, SOUTH TOWNE CENTER MALL SUBDIVISION, said point lies South 0°01'50" East 455.40 feet along the centerline and monument line in State Street and North 89°49'53" West 1412.86 feet from a Salt Lake County monument located on the centerline of State Street at 10200 South, said monument lies North 89°53'20" East 92.33 feet, more or less, from the Northeast Corner of Section 13, Township 3 South, Range 1 West, Salt Lake Base and Meridian;

thence South 68.52 feet to intersect the northerly line of that parcel of land conveyed to Sandy City for road purposes by Special Warranty Deed, recorded September 26, 2016 as Entry No. 12373436 in Book 10480 at Pages 3381-3383;

thence along the boundary of said parcel of land the following eight (8) courses:

(7) Southwesterly 269.47 feet along the arc of a non-tangent curve to the right whose center bears North 17°23'53" West 900.00 feet, has a central of 17°09'18" and a chord bearing and length of South 81°10'46" West 268.47 feet to a point of tangency;

(8) South 89°45'25" West 93.46 feet;

(9) North 0°14'35" West 13.00 feet;

(10) Northwesterly 34.56 feet along the arc of a non-tangent curve to the right whose center bears North 0°14'35" West 22.00 feet, has a central angle of 90°00'00" and a chord bearing and length of North 45°14'35" West 31.11 feet to a point of tangency;

(11) North 0°14'35" West 9.89 feet to a point of curvature;

(12) Northwesterly 18.88 feet along the arc of a tangent curve to the left having a radius of 558.50 feet, a central angle of 1°56'13" and a chord bearing and length of North 1°12'41" West 18.88 feet;

(7) North 87°49'12" East 24.00 feet;

(8) North 0°57'40" West 46.555 feet to intersect the northerly boundary of said AMENDED LOT 1, SOUTH TOWNE CENTER MALL SUBDIVISION; thence along said northerly boundary, South 89°49'53" East 358.137 feet to the Point of Beginning,

Less that part of the above-described parcel within the banks of the Dry Creek channel (such part includes, without limitation, the creek bed and the rock embankment) as it may vary from time to time; but including the steel pedestrian bridge which spans the Dry Creek channel.