



Twin Falls City Council Agenda

Tuesday, November 12, 2019, 5:00 PM

City Council Chambers
203 Main Avenue East- Twin Falls, Idaho

Members: Shawn Barigar, Suzanne Hawkins, Nikki Boyd, Chris Talkington, Gregory Lanting, Christopher Reid, Ruth Pierce

- 1) CALL MEETING TO ORDER/CONFIRMATION OF QUORUM
- 2) PLEDGE OF ALLEGIANCE
- 3) PROCLAMATIONS: None
- 4) GENERAL PUBLIC INPUT
- 5) CONSENT CALENDAR
 - a) **ACTION ITEM:** Request to approve the Accounts Payable for October 24 thru November 6, 2019.
By: Amy Luna, Finance Administrative Assistant
 - b) **ACTION ITEM:** Request to approve the October 28, 2019, City Council Minutes.
By: Amy Luna, Finance Administrative Assistant
 - c) **ACTION ITEM:** Request to accept public right of way located at the intersection of Frank Henry Road and Silver Creek Way in Perrine Point Subdivision.
By: Troy Vitek, Assistant City Engineer
 - d) **ACTION ITEM:** Request to approve the 29th Annual Christmas in the Night Time Sky event to be held on Friday, November 29, 2019.
By: Sergeant Ryan Howe, Twin Falls Police Department
- 6) ITEMS OF CONSIDERATION
 - a) **PRESENTATION:** Presentation of POST Basic and Intermediate Certifications and formal pinning ceremony promoting Staff Sergeant Chuck Garner and Staff Sergeant Brent Wright to the position of Lieutenant.
By: Chief Craig Kingsbury, Twin Falls Police Department
 - b) **ACTION ITEM:** Request approval of a no cash Parks in Lieu contribution for El Milagro Phase 1. Desert Ridge Investments c/o Ryan Hackett (PZ19-0133)
By: Steve O'Connor, City Planner
 - c) **ACTION ITEM:** Request approval of the Contract Agreement between Lytle Signs and the City of Twin Falls for the Construction of the Archway with 2 Message Boards for a total cost of \$324,636.00.
By: Kathy Markus, ITC Manager

- d) **ACTION ITEM:** Request permission to add Park View Loop to the list of addresses changes.
By: Kathy Markus, ITC Manager
- e) **ACTION ITEM:** Request to put City Park restroom project out for bid.
By: Wendy Davis, Parks & Recreation Director
- f) **ACTION ITEM:** Request to adopt an ordinance for a Zoning District Change from R-4 to C-1 on property located at 890 Washington Street South. PZ19-0105
By: Jonathan Spendlove, Planning & Zoning Director
- 7) **GENERAL INPUT/ADVISORY BOARD REPORT/ANNOUNCEMENTS**
- 8) **PUBLIC HEARINGS**
 - a) **ACTION ITEM:** Request for a Vacation of 3359 sf of Public Utility Easement on property located at 265, 287, & 292 River Vista Place c/o EHM Engineers, Inc. on behalf of Federation Pointe, LLC. (PZ19-0119)
By: Steve O'Connor, City Planner
 - b) **ACTION ITEM:** Request to dispose of real property located at 303 4th Avenue East.
By: Mitch Humble, Deputy City Manager
- 9) **ADJOURNMENT**
 - a) **ACTION ITEM:** Request to adjourn to Executive Session § 74-206(1):
 - (a) To consider hiring a public officer, employee, staff member or individual agent, wherein the respective qualities of individuals are to be evaluated in order to fill a particular vacancy or need. This paragraph does not apply to filling a vacancy in an elective office or deliberations about staffing needs in general.
 - (c) To acquire an interest in real property not owned by a public agency.
 - (f) To communicate with legal counsel for the public agency to discuss the legal ramifications of and legal options for pending litigation, or controversies not yet being litigated but imminently likely to be litigated. The mere presence of legal counsel at an executive session does not satisfy this requirement.

Any person(s) needing special accommodations to participate in the above-noticed meeting could contact Leila Sanchez (208) 735-7287 at least two working days before the meeting. Si desea esta información en español, llame Leila Sanchez (208) 735-7287.

Public Input Procedures

1. Individuals wishing to provide public input regarding matters relevant to the City of Twin Falls shall:
 - Wait to be recognized by the Mayor or Chairman
 - Approach the microphone/podium
 - State their name, and whether they are a resident or property owner in the City of Twin Falls, and proceed with their input.
2. The Mayor or Chairman may limit input to no less than two (2) minutes. Individuals are not permitted to give their time to other speakers.

Public Hearing Procedures for Zoning Requests

1. Prior to opening the first Public Hearing of the session, the Mayor or Chairman shall review the public hearing procedures.
2. Individuals wishing to testify or speak before the City Council or Planning & Zoning Commission shall wait to be recognized by the Mayor or Chairman, approach the microphone/podium, state their name, and then proceed with their comments. Following their statements, they shall write their name and address on the record sheet(s) provided by the staff. The staff shall make an audio recording of the Public Hearing.
3. A City Staff Report shall summarize the application and history of the request.
4. The Applicant, or the spokesperson for the Applicant, will make a presentation on the application/request (request). No changes to the request may be made by the applicant after the publication of the Notice of Public Hearing. The presentation should include the following:
 - A complete explanation and description of the request.
 - Why the request is being made.
 - Location of the Property.
 - Impacts on the surrounding properties and efforts to mitigate those impacts.
5. Applicant is limited to 15 minutes, unless a written request for additional time is received, at least 72 hours prior to the hearing, and granted by the Mayor or Chairman.
6. The City Council or Planning & Zoning Commission may ask questions of staff or the applicant pertaining to the request.
7. The general public will then be given the opportunity to provide their testimony regarding the request. The Mayor or Chairman may limit public testimony to no less than two (2) minutes per person.
 - Individuals are not permitted to give their time to other speakers.
 - However, five (5) or more individuals that received written notice of the public hearing may appoint, by written petition, a spokesperson. The written petition must be received at least 72 hours prior to the hearing and must be granted by the Mayor or Chairman. The spokesperson shall be limited to 15 minutes.
 - Written comments, including e-mail, received by 12:00 p.m. on the date of the hearing shall be either read into the record or displayed to the public on the overhead projector.
8. Following the Public Testimony, the applicant is permitted five (5) minutes to respond to Public Testimony.
9. Following the Public Testimony and Applicant's response, Council or Commission members, as recognized by the Mayor or Chairman, shall be allowed to question the Applicant, Staff or anyone who has testified. Responses shall be limited to answering the questions asked. The Mayor or Chairman may limit the time permitted for the answer.
10. The Mayor or Chairman shall close the Public Hearing. The City Council or Planning & Zoning Commission shall deliberate on the request. Deliberations and decisions shall be based upon the information and testimony provided during the Public Hearing. Once the Public Hearing is closed, additional testimony from the staff, applicant or public is not allowed. Legal or procedural questions may be directed to the City Attorney.

* Any person not conforming to the above rules may be prohibited from speaking. Persons refusing to comply with such prohibitions may be asked to leave the hearing and, thereafter removed from the room by order of the Mayor or Chairman.



Twin Falls City Council Minutes

Monday, October 28, 2019, 5:00 PM

City Council Chambers
203 Main Avenue East- Twin Falls, Idaho

1) CALL MEETING TO ORDER/CONFIRMATION OF QUORUM

Present: Mayor Shawn Barigar, Council Member Suzanne Hawkins, Chris Talkington, Greg Lanting, Christopher Reid & Ruth Pierce.

Absent: Vice Mayor Nikki Boyd

Staff Present: City Manager Travis Rothweiler, Deputy City Managers Mitch Humble & Brian Pike, City Attorney Shayne Nope, CFO Lorie Race, Fire Chief Kingsbury, Captain Anthony Barnhart, Sgt Ryan Howe, Airport Manager Bill Carberry, City Engineer Mark Holtzen, Environmental Engineer Jason Brown, Public Information Officer Joshua Palmer, Help Desk Technician Kim Hafer, Finance Administrative Assistant Amy Luna.

Mayor Barigar called the meeting to order at 5:02 PM. A quorum was present.

2) PLEDGE OF ALLEGIANCE

Mayor Barigar invited all present, who wished, to recite the Pledge of Allegiance to the Flag.

3) PROCLAMATIONS

a) Twin Falls Mayor Orders Flags at Half-staff to Honor Former Fire Chief Ron Clark

Mayor Barigar read the proclamation "Orders Flags at Half-staff to Honor Former Fire Chief Ron Clark" and presented it to the Clark family.

4) GENERAL PUBLIC INPUT

Pastor Thompson spoke about the issue of abortion.

Mayor Barigar gave a brief explanation of the process.

Council Member Hawkins proposed that she work with Pastor Thompson on this issue and then bring it back later.

Council Member Lanting: Asked if the Attorney General has weighed in on this topic.

Council Member Talkington: Talked about being called a baby killer. Asked if the proposed resolution will include anything on birth control and sex education.

5) CONSENT CALENDAR

MOTION: Council Member Reid moved to approve the Consent Calendar as presented. **Council**

Member Pierce seconded the motion. Roll call vote showed all members present voted in favor of the motion. 6 to 0

- a) **ACTION ITEM:** Request to approve the October 14, 2019, City Council Minutes.
- b) **ACTION ITEM:** Request to approve the Accounts Payable for October 10 through October 23, 2019.
- c) **ACTION ITEM:** Request to approve the Wells Fargo Credit Card Summaries for July, August & September 2019.
- d) **ACTION ITEM:** Request to hold the Trick or Treat on Bish's Street event on October 31, 2019.
- e) **ACTION ITEM:** Request to Approve the Findings of Fact and Conclusions of Law: Oasis Stop 'N Go Zoning District Change and One Sixty LLC Additional Height.

6) ITEMS OF CONSIDERATION

- a) **PRESENTATION:** Request to confirm the Mayor's appointment of Joe Mason to the Airport Advisory Board.

Mayor Barigar requested the confirmation of the Mayor's appointment of Joe Mason to the Airport Advisory Board.

Discussion ensued on the following:

Council Member Talkington: Commented on the high expectations of Mr. Mason.

MOTION: **Council Member Pierce** moved to confirm the Mayor's appointment of Joe Mason to the Airport Advisory Board. **Council Member Hawkins** seconded the motion. Roll call vote showed all members present voted in favor of the motion. 6 to 0.

- b) **ACTION ITEM:** Request to change lane dimension on Grandview Drive North near the intersection of Falls Avenue West.

Environmental Engineer Brown requested to change lane dimension of Grandview Drive North near the intersection of Falls Avenue West.

Discussion ensued on the following:

Council Member Hawkins: Have we looked at sidewalk needs in this location?

Council Member Reid: Asked about putting stop signs at Falls & Grandview.

Council Member Talkington: Would the increase of the width of the road allow a higher speed limit?

Council Member Lanting: Where would the kids south of the subdivision go to school?

MOTION: **Council Member Talkington** moved to approve the request to change lane dimensions of Grandview Drive North near the intersection of Falls Avenue West. **Council Member Reid** seconded the motion. Roll call vote showed all members present voted in favor of the motion. 6 to 0.

7) GENERAL INPUT/ADVISORY BOARD REPORT/ANNOUNCEMENTS

Citizen Victoria Wakewood: Spoke about the upcoming election and some of her concerns.

Council Member Lanting: Impact Fee Committee report.

City Manager Rothweiler: Asked Capt. Barnhard to report on the Veterans Day festivities that will be held on Monday, November 11, 2019.

Mayor Barigar: Reminded the citizens of Twin Falls to vote on November 5, 2019, and that the ribbon cutting for the trail section will be held at 2:00 pm Tuesday, October 29, 2019.

8) PUBLIC HEARINGS: None

9) ADJOURNMENT

- a) **REQUEST TO ADJOURN TO:**

Executive Session §74-206(1)(b) To consider the evaluation, dismissal or disciplining of, or to hear complaints or charges brought against, a public officer, employee, staff member or individual agent, or public-school student.

Executive Session §74-206(1)(f) To communicate with legal counsel for the public agency to discuss the legal ramifications of and legal options for pending litigation, or controversies not yet being litigated but imminently likely to be litigated. The mere presence of legal counsel at an executive session does not satisfy this requirement.

MOTION: Council Member Talkington moved to adjourn to Executive Session §74-206(1)(b) To consider the evaluation, dismissal or disciplining of, or to hear complaints or charges brought against, a public officer, employee, staff member or individual agent, or public-school student. Executive Session §74-206(1)(f) To communicate with legal counsel for the public agency to discuss the legal ramifications of and legal options for pending litigation, or controversies not yet being litigated but imminently likely to be litigated. The mere presence of legal counsel at an executive session does not satisfy this requirement. **Council Member Pierce** seconded the motion. Roll call vote showed all members present voted. 6 to 0.

The meeting adjourned at 05:38 PM

Amy Luna, Finance Administrative Assistant



Date: Tuesday, November 12, 2019
To: Honorable Mayor and City Council
From: Troy Vitek, Assistant City Engineer

ACTION ITEM

Request:

ACTION ITEM: Request to accept public right of way located at the intersection of Frank Henry Road and Silver Creek Way in Perrine Point Subdivision.

Time Estimate:

The staff presentation will take approximately 5 minutes.

Background:

The developer of Perrine Point Subdivision would like to dedicate additional right-of-way at the intersection of Frank Henry Road and Silver Creek Way to create a bulb-out at the corner. Silver Creek Way will no longer connect with the subdivision to the north and Frank Henry is not a through street. Therefore, the bulb-out at the corner will create a cleaner transition at the corner. City code states all right of way dedicated to the City shall be accepted by the City Council.

Approval Process:

A majority vote of the Council is required to approve this request.

Budget Impact:

There is no significant budget impact associated with the Council's approval of this request.

Regulatory Impact:

N/A

History:

N/A

Analysis:

N/A

Conclusion:

Staff recommends the Council approve the request as presented.

Attachments:

1. Public ROW Deed - Silver Creek Way & Frank Henry Rd
2. Aerial Image

PUBLIC RIGHT-OF-WAY DEED

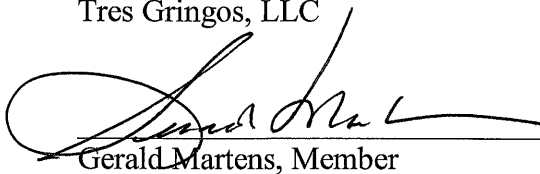
Tres Gringos, LLC, (Grantors), do hereby grant, convey and dedicate fee simple title to the public as public right of way under the jurisdiction of The City of Twin Falls, A Municipal Corporation, whose address is P.O. Box 1907, Twin Falls, Idaho 83303, (Grantee) a permanent and perpetual public right-of-way, for construction, continued operation, maintenance, repair, alteration, inspection and replacement of a public street and utilities, and legally described as follows:

(See attached Exhibit A - Legal Description)

And the said Grantor does hereby covenant that the Grantor is the owner in fee simple of said premises; that they are free from encumbrances, and that Grantor will warrant and defend the same from all lawful claims whatsoever.

Executed and delivered this _____ day of _____, ____.

Tres Gringos, LLC



Gerald Martens, Member

ACCEPTANCE OF PUBLIC RIGHT-OF-WAY

Grantee City of Twin Falls does hereby accept dedication of the public right-of-way.

Shawn Barigar, Mayor

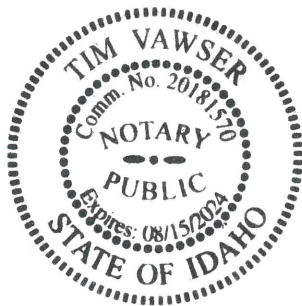
STATE OF IDAHO

) ss.

County of Twin Falls

On this 16TH day of OCT., 2019, before me, the undersigned, a Notary Public in and for said State, personally appeared Gerald Martens, known or identified to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.



A handwritten signature in blue ink, appearing to read "Tim Vawser", written over a horizontal line.

NOTARY PUBLIC

Residing at: KIMBERLY, IDAHO

Commission expires: 8-15-2024

STATE OF IDAHO

) ss.

County of Twin Falls

On this _____ day of _____, _____, before me, the undersigned, a Notary Public in and for said State, personally appeared Shawn Barigar, Mayor of The City Twin Falls, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same on behalf of the The City of Twin Falls.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

NOTARY PUBLIC

Residing at: _____

Commission expires: _____

EXHIBIT A
Legal Description

A portion of Lot 12, Block 9 as shown on that certain map entitled "Perrine Point Subdivision", recorded May 5, 2008 as Instrument No. 2008-010805 in the office of the County Recorder of Twin Falls County, more particularly described as follows:

Commencing at the Northeast corner of said Lot 12;
Thence, along the East Boundary of said Lot 12, South 01°02'03" West 78.19 feet and being the REAL POINT OF BEGINNING;
Thence, continuing along said East Boundary, South 01°02'03" West 1.05 feet;
Thence, continuing along said East Boundary, along the arc of a tangent 20.00 foot radius curve to the right, through a central angle of 93°37'12", an arc distance of 32.68 feet and a chord distance of 29.16 feet that bears South 47°50'39" West to a point on the South Boundary of said Lot 12;
Thence, along said South Boundary, North 85°20'45" West 12.06 feet;
Thence, leaving said South Boundary, along the arc of a non-tangent 20 foot radius curve to the left, through a central angle of 53°07'48", an arc distance of 18.55 feet and a chord distance of 17.89 feet that bears North 68°05'21" East;
Thence, along the arc of a reverse 55.00 foot radius curve to the right, through a central angle of 22°28'28", an arc distance of 21.57 feet and a chord distance of 21.44 feet that bears North 52°45'40" East to said REAL POINT OF BEGINNING.

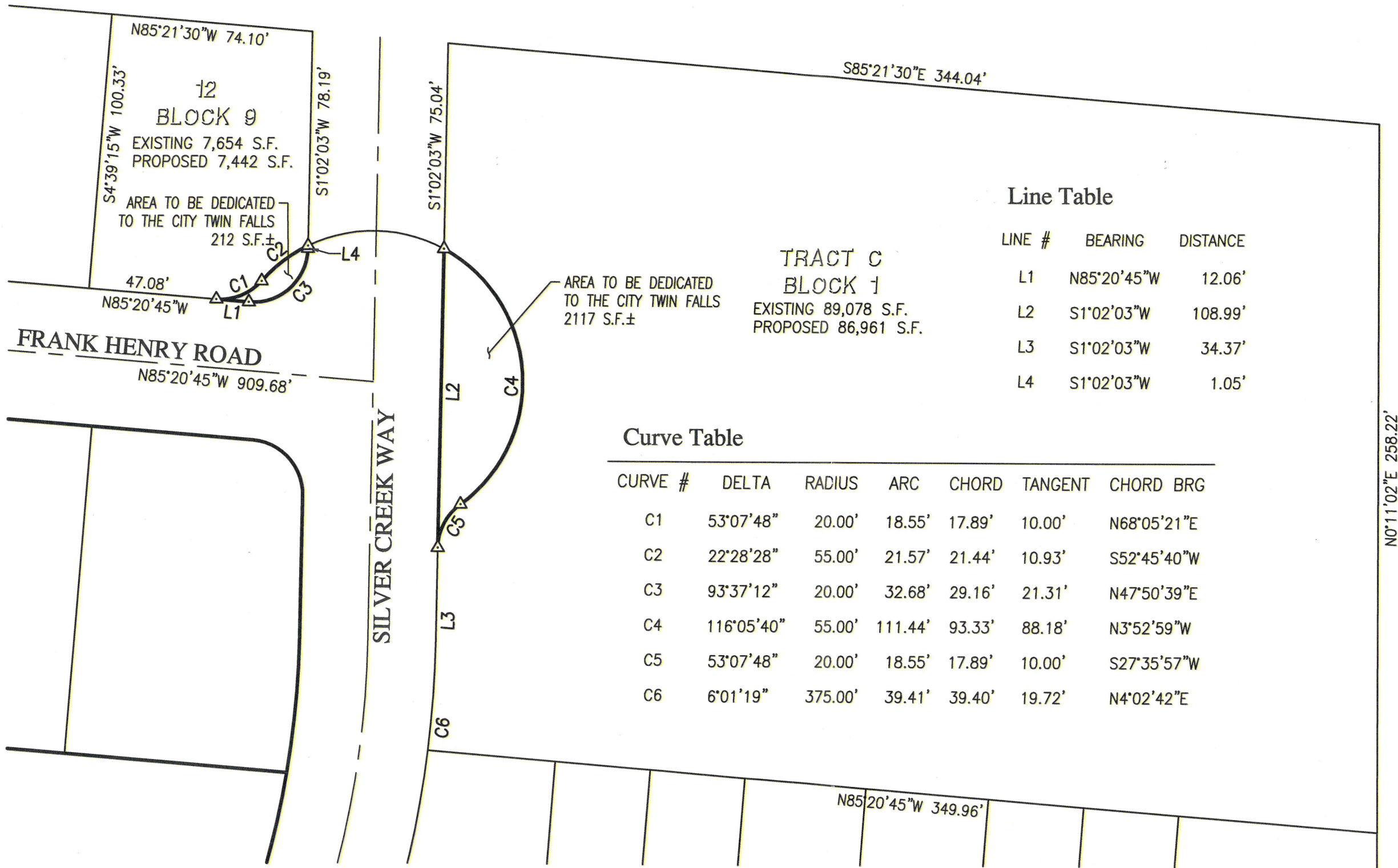
Containing approximately 212 square feet.

TOGETHER WITH:

A portion of Tract C, Block 1 as shown on that certain map entitled "Perrine Point Subdivision", recorded May 5, 2008 as Instrument No. 2008-010805 in the office of the County Recorder of Twin Falls County, more particularly described as follows:

Commencing at the Northwest corner of said Tract C;
Thence, along the West Boundary of said Tract C, South 01°02'03" West 75.04 feet and being the REAL POINT OF BEGINNING;
Thence, leaving said West Boundary, along the arc of a non-tangent 55.00 foot radius curve to the right, through a central angle of 116°05'40", an arc distance of 111.44 feet and a chord distance of 93.33 feet that bears South 03°52'59" East;
Thence, along the arc of a reverse 20.00 foot radius curve to the left, through a central angle of 53°07'48", an arc distance of 18.55 feet and a chord distance of 17.89 feet that bears South 27°35'57" West to a point on said West Boundary;
Thence, along said West Boundary, North 01°02'03" East 108.99 feet to said REAL POINT OF BEGINNING.

Containing approximately 2117 square feet

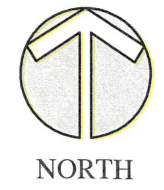


Line Table

LINE #	BEARING	DISTANCE
L1	N85°20'45"W	12.06'
L2	S1°02'03"W	108.99'
L3	S1°02'03"W	34.37'
L4	S1°02'03"W	1.05'

Curve Table

CURVE #	DELTA	RADIUS	ARC	CHORD	TANGENT	CHORD BRG
C1	53°07'48"	20.00'	18.55'	17.89'	10.00'	N68°05'21"E
C2	22°28'28"	55.00'	21.57'	21.44'	10.93'	S52°45'40"W
C3	93°37'12"	20.00'	32.68'	29.16'	21.31'	N47°50'39"E
C4	116°05'40"	55.00'	111.44'	93.33'	88.18'	N3°52'59"W
C5	53°07'48"	20.00'	18.55'	17.89'	10.00'	S27°35'57"W
C6	6°01'19"	375.00'	39.41'	39.40'	19.72'	N4°02'42"E



N0°11'02"E 258.22'

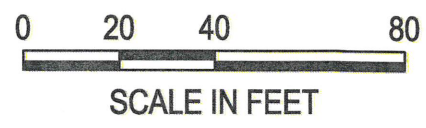
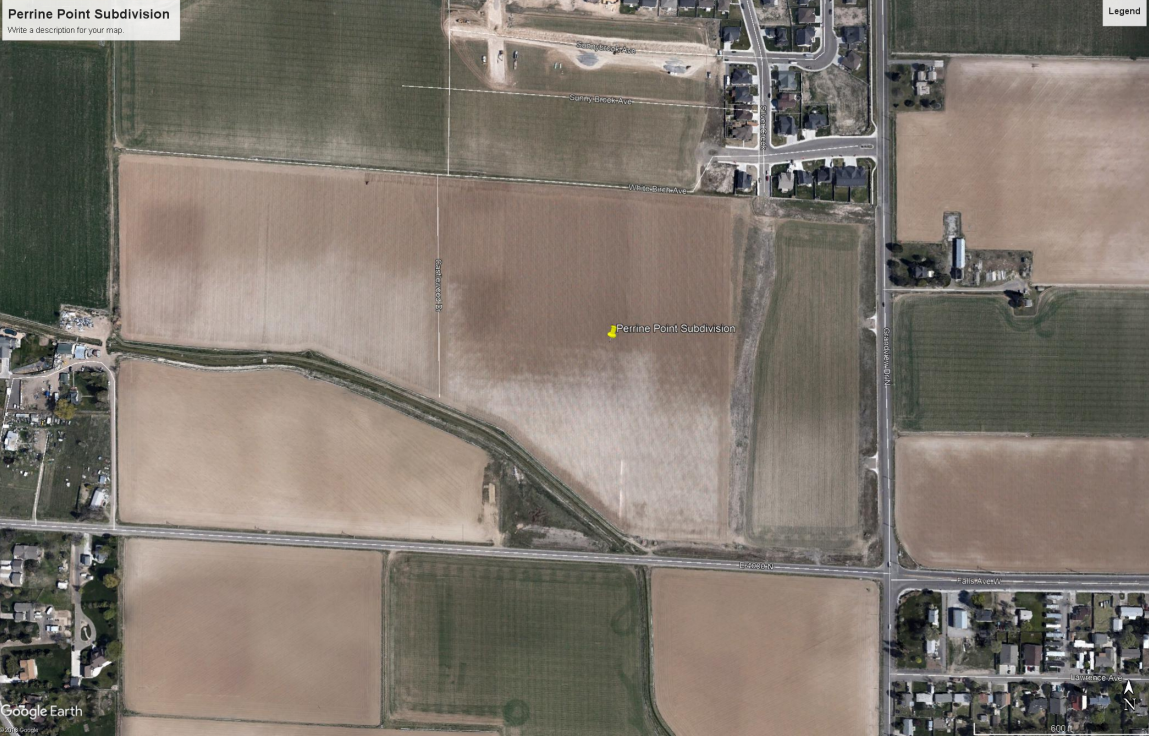


EXHIBIT
RIGHT-OF-WAY DEDICATION
TWIN FALLS, IDAHO

Perrine Point Subdivision

Write a description for your map.

Legend





Date: Tuesday, November 12, 2019
To: Honorable Mayor and City Council
From: Sergeant Ryan Howe, Twin Falls Police Department

ACTION ITEM

Request:

ACTION ITEM: Request to approve the 29th Annual Christmas in the Night Time Sky event to be held on Friday, November 29, 2019.

Time Estimate:

Staff requests that this item be placed on the Consent Calendar.

Background:

Dave and Sherry Wright, on behalf of Kimberly Nurseries, have submitted a Special Event Application requesting to hold the 29th Annual Christmas in the Night Time Sky Event on Friday, November 29, 2019. The event will be held at the Kimberly Nurseries location of 2862 Addison Avenue East. This is a nonprofit event that will benefit needy children in our community, as it is the valley's largest toy fundraiser. The event begins at 5:00 p.m. Event organizers will host a chili/potato dinner beginning at 5:30 p.m. in exchange for an unwrapped toy. There will be live, amplified Christmas-type music played during the event, on the property of Kimberly Nurseries, as well as a bonfire. A choreographed fireworks display will follow at approximately 7:30 p.m. The fireworks will be launched just north of Kimberly Nurseries in a vacant field located on the north side of Addison Avenue East. The estimated crowd size for this event is 2,400 to 4,100 people, depending on the weather. Event organizers will be responsible for providing advance notification to all business owners and residents affected by the street closure due to this event. Patrons will park their vehicles in the Kmart parking lot and event organizers will provide transportation by school bus from the Kmart parking lot to Kimberly Nurseries for the event and will provide transportation back to Kmart at the conclusion of the event.

Addison Avenue East will be closed from Eastland Drive to Hankins Road from 5:00 p.m. until approximately 9:00 p.m. Carriage Lane and Carriage Lane North will also be closed at the intersection of Addison Avenue East. Road closures will be controlled by traffic cones, barricades, Twin Falls Police Department Officers and non-sworn employees, officers from other agencies, and volunteers.

The Twin Falls City Street Department will provide the traffic cones and barricades for the event.

The Twin Falls Fire Department will be on scene for the bonfire and for the fireworks display.

Approval Process:

Consent by the City Council

Budget Impact:

This event will require a total of twelve (12) Twin Falls Police Officers, four (4) non-sworn Police Department employees, and other law enforcement agencies. A briefing will be held at 4:30 p.m. and the street closures will take place at 5:00 p.m. The event is estimated to conclude by 9:00 p.m. The total overtime cost for the Twin Falls Police Department will be approximately \$2,950.00, which has been included in the Twin Falls Police Department's overtime budget.

Regulatory Impact:

N/A

History:

N/A

Analysis:

N/A

Conclusion:

This Special Event Application has been approved by several relevant City Staff members and the Twin Falls Police Department Staff. It is recommended that this request be approved by the City Council as presented.

Attachments:

None



Date: Tuesday, November 12, 2019
To: Honorable Mayor and City Council
From: Chief Craig Kingsbury, Twin Falls Police Department

PRESENTATION

Request:

PRESENTATION: Presentation of POST Basic and Intermediate Certifications and formal pinning ceremony promoting Staff Sergeant Chuck Garner and Staff Sergeant Brent Wright to the position of Lieutenant.

Time Estimate:

The presentations will take approximately one hour.

Background:

POST CERTIFICATIONS

On September 10, 2019, and September 17, 2019, **Officers Cody Cunningham and Jacob Lee, Jonathan Shobe and Curtis Wheeler**, respectively, were awarded the Idaho Peace Officer Standards and Training Council's Basic Certification. Officers Cunningham, Lee, Shobe, and Wheeler attended and graduated from Idaho POST Academy Session #194 in April 2019. These Officers have successfully completed the Twin Falls Police Department's Field Training Program and have served as Police Officers in the State of Idaho as required to receive this certification.

On November 19, 2018; March 28, 2019; and July 10, 2019, Officers Shauna Peterson, Tracy Thompson, and Candace Comeau, respectively, were awarded the Idaho Peace Officer Standards and Training Council's Intermediate Certification. Officers Peterson, Thompson, and Comeau were required to complete hundreds of hours of training, including obtaining several college credits.

The personal commitment of these Officers to better themselves through training has helped the Twin Falls Police Department in achieving its goal of being the best Police Department in the State of Idaho.

PROMOTIONS

Chuck Garner was hired by the Twin Falls Police Department on June 2, 1997, as a full-time Police Officer. During his tenure with the Twin Falls Police Department, Chuck has served as a Patrol Officer, a Narcotics Detective, a Field Training Officer, and a member of the SWAT (Special Weapons and Tactics) Team.

Chuck was promoted to Sergeant in May 2006 and served in the Patrol Division. In June 2011, Chuck was promoted to the position of Staff Sergeant and served in the Patrol Division and currently supervises the Criminal Investigation Division.

After undergoing a promotional process, Chuck was selected for the position of Lieutenant and will be

assuming that position on November 10, 2019.

Brent Wright was hired by the Twin Falls Police Department on April 15, 2002, as a full-time Police Officer. During his career with the Twin Falls Police Department, he has served as a STAR (Strategic Traffic Accident Reduction) Team Member, Field Training Officer, SWAT (Special Weapons and Tactics) Team Member, SWAT Team Leader and Narcotics Detective. Brent is currently the SWAT Team Field Commander and a POST-Certified Instructor in Firearms, Active Shooter, Firearms Simulator, and General Topics.

Brent was promoted to Sergeant on June 26, 2011, and served as a Supervisor in the Patrol Division, Juvenile Crime Unit, and Criminal Investigation Division. He was promoted to Staff Sergeant on September 4, 2016. In that capacity, he has worked in the Office of Professional Standards.

After undergoing a promotional process, Brent was selected for the position of Lieutenant and will be assuming that position on November 10, 2019.

Approval Process:

N/A

Budget Impact:

N/A

Regulatory Impact:

N/A

History:

N/A

Analysis:

N/A

Conclusion:

Chief Craig Kingsbury, Captain Anthony Barnhart, and Lieutenant John Wilson will be presenting POST Basic Certificates to Officers Cunningham, Lee, Shobe and Wheeler, and Intermediate Certificates to Officers Peterson, Thompson, and Comeau.

Chief Kingsbury will be formally pinning Lieutenants Garner and Wright before the City Council on November 12, 2019.

Attachments:

None



Date: Tuesday, November 12, 2019
To: Honorable Mayor and City Council
From: Wendy Davis, Steve O'Connor

ACTION ITEM

Request:

ACTION ITEM: Request approval of a no cash Parks in Lieu contribution for El Milagro Phase 1. Desert Ridge Investments c/o Ryan Hackett (PZ19-0133)

Time Estimate:

10-15minutes

Background:

This is a request to approve a non contribution for Parks in Lieu for El Milagro Phase 1; a one lot plat. The workforce housing development propose to redevelop the El Milagro campus will not increase demand on any current parks or recreation services.

There is no appraised or sale value of the land as the Community Council of Idaho will donate the land for redevelopment, and it is one lot so park dedication would not provide a large enough park.

Though there is a development right currently on the property, platting requires a park or parks In lieu contribution. The plat is required to divide each phase is for investment purposes. Each phase may have different investors.

The Zoning Development agreement for the property identifies a large open space in phase 3 of the development. It is also in this phase when there will be new dwelling units added to the system.

Given the unique situation and the circumstances driving the process Staff determined it would be best to get a recommendation from the Parks & Recreation Commission to then bring to City Council for a final decision.

On Tuesday October 22nd, all members present for the Special meeting of the Parks & Recreation Commission, forwarded a positive recommendation to City Council for approval of the request.

Approval Process:

In accordance with City Code Section 10-12-3-11 Section F: The city council may, at their discretion, approve and accept cash contributions in lieu of park land with improvements.

The commission is tasked with forwarding a recommendation to City Council based on, 1) the minimum standards or regulations set forth in City Code, and 2) the guiding principles of the Twin Falls Parks and Recreation Master Plan.

Budget Impact:

N/A

Regulatory Impact:

N/A

History:

N/A

Analysis:

N/A

Conclusion:

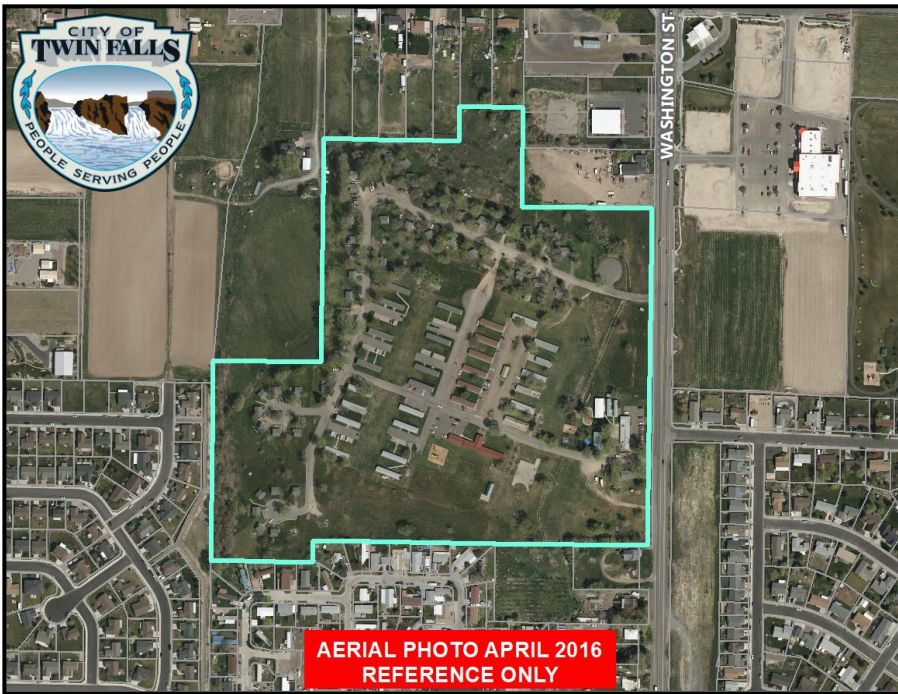
The Council is tasked with approving, denying, or tabling for more information, the request to accept this no cash Parks in Lieu contribution.

Staff recommends approval for the following reasons:

1. The Parks Master Plan does not identify the need for a neighborhood park in this location, at this time.
2. This development would not dedicate the minimum acreage required for a neighborhood park as defined in our plans.
3. The proposed Phase 1 re-development of the area will not increase demand on parks services.

Attachments:

1. PZ19-0133 PNL (El Milagro)
2. 1 - Preliminary Plat
3. 2 - Vicinity Map
4. 3 - MDP
5. 4 - Narrative



Comprehensive Staff Report

To: Twin Falls City Council
From: Wendy Davis
Presenter: Steve O'Connor, City Planner
Request: Request to recommend approval of a no cash Parks in Lieu contribution for El Milagro Phase 1.
Application: PZ19-0133
Applicant:
 Desert Ridge Investments
 c/o Ryan Hackett
 1277 Shoreline Ln
 Boise, ID 83702
 801.554.1912
 ryan@desertridgeinvestments.com

Public Meeting: October 22nd, 2019

Analysis

This is a request to approve a non contribution for Parks in Lieu for El Milagro Phase 1; a one lot plat. The workforce housing development propose to redevelop the El Milagro campus will not increase demand on any current parks or recreation services.

There is no appraised or sale value of the land as the Community Council of Idaho will donate the land for redevelopment, and it is one lot so park dedication would not provide a large enough park.

Though there is a development right currently on the property, platting requires a park or parks In lieu contribution. The plat is required to divide each phase is for investment purposes. Each phase may have different investors.

The Zoning Development agreement for the property identifies a large open space in phase 3 of the development. It is also in this phase when there will be new dwelling units added to the system.

Given the unique situation and the circumstances driving the process Staff determined it would be best to get a decision from this body to forward to City Council.

Approval Process

In accordance with City Code Section 10-12-3-11 Section F: The city council may, at their discretion, approve and accept cash contributions in lieu of park land with improvements.

The commission is tasked with forwarding a recommendation to City Council based on, 1) the minimum standards or regulations set forth in City Code, and 2) the guiding principles of the Twin Falls Parks and Recreation Master Plan.

Applicable Regulations or Codes

Per City Code 10-12-3-11 a "minipark" is a minimum of 15,000sq-ft and a "neighborhood" park is at least 3 acres of flat open space.

The amount of land to set aside for park land is equal to the number of residential lots multiplied by 0.01

The fee structure for cash contributions for acquisition of park land shall be the appraised value of the required land area at the time of the application.

The development may qualify for a 50% reduction on their cash contribution in lieu of park land if the development meets all criteria to be called an "in fill" development. (Ord. 2954, 11-3-2008)

Conclusion

The Council is tasked with approving, denying, or tabling for more information, the request to accept this no cash Parks in Lieu contribution.

Staff recommends approval for the following reasons:

1. The Parks Master Plan does not identify the need for a neighborhood park.
2. This development would not dedicate the minimum required for a neighborhood park.
3. The proposed development will not in increase demand on services.

Attachments

1. El Milagro Phase 1 Preliminary Plat
2. Vicinity Map
3. El Milagro ZDA Master Plan

INSERT VICINITY MAP
HERE

Current Zoning & Land Use:

???

Comprehensive Plan:

???

Adjacent Zoning & Land Uses:

North:

???

South:

???

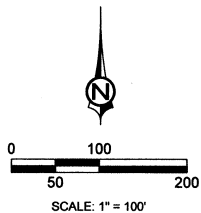
East:

???

West:

???





**PRELIMINARY PLAT
FOR
EL MILAGRO PHASE I
LOCATED IN A PORTION OF THE
NE ¼, SECTION 29,
TOWNSHIP 10 SOUTH, RANGE 17 EAST
BOISE MERIDIAN
CITY OF TWIN FALLS, TWIN FALLS COUNTY, IDAHO
2019**

DEVELOPER: El Milagro Twin Falls, LLC
c/o Srynga Housing Corp
1277 Shoreline Lane
Twin Falls, ID 83301
208-000-0000

ENGINEER: Civil Science
376 Falls Ave
Twin Falls, ID 83301
(208) 737-0007

ACCESS: ALL STREETS ARE PRIVATELY OWNED

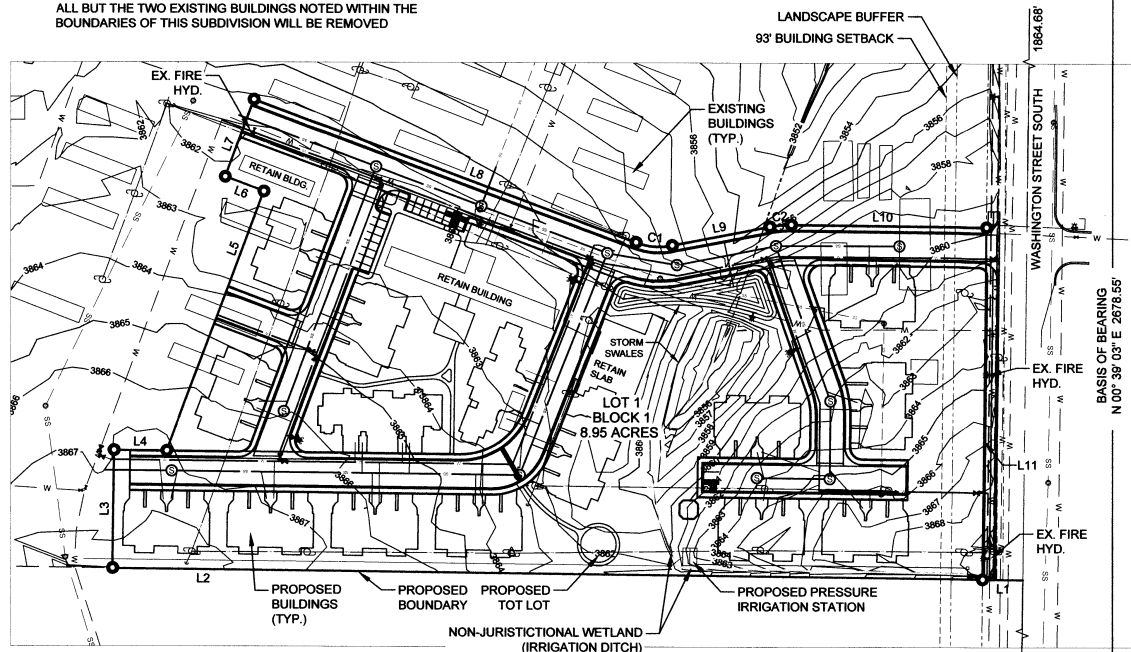
NOTES: ALL POTABLE WATER PIPES ARE OWNED BY THE CITY OF TWIN FALLS
ALL SEWER MAINS AND MANHOLES ARE OWNED BY THE CITY OF TWIN FALLS
ALL STREETS ARE 30' WIDE FROM LIP OF GUTTER TO LIP OF GUTTER
ALL CURB AND GUTTER IS ROLLED CURB AND GUTTER UNLESS OTHERWISE NOTED
ALL SIDEWALKS ARE 5' WIDE UNLESS OTHERWISE NOTED
BUILDING OFFSET FROM REAR YARD TO LOT LINE IS 25'
BUILDING SETBACKS FROM WASHINGTON STREET IS 125'
46' OF RIGHT-OF-WAY FROM THE CENTERLINE OF WASHINGTON STREET
SEE SHEET 2 FOR STREET TRACT DESCRIPTIONS, STREET NAMES, AND BOUNDARY DIMENSIONS
ALL BUT THE TWO EXISTING BUILDINGS NOTED WITHIN THE BOUNDARIES OF THIS SUBDIVISION WILL BE REMOVED

CERTIFICATE OF HEALTH DEPARTMENT

SANITARY RESTRICTIONS AS REQUIRED BY IDAHO CODE TITLE 50, CHAPTER 13, HAVE BEEN SATISFIED. SANITARY RESTRICTIONS MAY BE REIMPOSED, IN ACCORDANCE WITH SECTION 50-1326, IDAHO CODE, BY THE ISSUANCE OF A CERTIFICATE OF DISAPPROVAL.

REHS, SOUTH CENTRAL HEALTH DISTRICT

DATE



NE CORNER
SECTION 29
CP&F # 0000-680390
939653

LEGEND

- SET WITH ½" REBAR WITH PLASTIC CAP HWE 5617
- ⊙ EXISTING SEWER MANHOLE
- ⊕ WATER VALVE
- ⊗ EXISTING FIRE HYDRANT
- EXISTING SEWER LINE
- EXISTING WATER LINE
- EXISTING BUILDING
- CURB AND GUTTER
- CONCRETE / ASPHALT PAVEMENT
- PROPERTY LINE
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- SECTION LINE
- BOUNDARY
- PROPOSED SEWER MAIN 8"
- PROPOSED WATER MAIN 6"
- ⊙ PROPOSED SEWER MANHOLE
- ⊕ PROPOSED FIRE HYDRANT
- ⊗ PROPOSED WATER VALVE

STORMWATER CALCULATIONS

EXISTING IMPERVIOUS SURFACE AREAS INCLUDING BUILDINGS, CONCRETE, AND STREETS PRIOR TO DEVELOPMENT = 70,787 S.F.

PROPOSED NEW IMPERVIOUS SURFACE AREAS INCLUDING BUILDINGS, CONCRETE, AND STREETS = 233,147 S.F.

TOTAL ADDITIONAL IMPERVIOUS SURFACE AREA FOR PROJECT = 162,360 S.F.

STORMWATER RETENTION VOLUME REQUIRED DUE TO INCREASE IN IMPERVIOUS AREA = 162,360 S.F. X 0.17FT = 27,601 C.F.

STORMWATER RETENTION PROPOSED
ROADSIDE SWALE VOLUME = 10,017 C.F.
EXISTING SWALE (WITH PROPOSED OUTLET CONTROL) VOLUME = 17,980
TOTAL RETENTION PROVIDED = 27,997 C.F.

E QUARTER CORNER
SECTION 29
CP&F # 939655

Civil Science
Engineers Surveyors Solutions
376 Falls Ave, Twin Falls, ID 83301
PHONE (208) 737-0007, FAX (208) 737-5245
www.civilscience.com



REFERENCES

- DEED INSTRUMENT NO. 367810, RECORDS OF TWIN FALLS COUNTY, IDAHO;
- DEED INSTRUMENT NO. 449247, RECORDS OF TWIN FALLS COUNTY, IDAHO;
- DEED INSTRUMENT NO. 614129, RECORDS OF TWIN FALLS COUNTY, IDAHO;
- DEED INSTRUMENT NO. 91011790, RECORDS OF TWIN FALLS COUNTY, IDAHO;
- DEED INSTRUMENT NO. 983463, RECORDS OF TWIN FALLS COUNTY, IDAHO;
- DEED INSTRUMENT NO. 983462, RECORDS OF TWIN FALLS COUNTY, IDAHO;
- DEED INSTRUMENT NO. 1993019109, RECORDS OF TWIN FALLS COUNTY, IDAHO;
- DEED INSTRUMENT NO. 2002-025541, RECORDS OF TWIN FALLS COUNTY, IDAHO;
- DEED INSTRUMENT NO. 2002-025542, RECORDS OF TWIN FALLS COUNTY, IDAHO;
- DEED INSTRUMENT NO. 2013-001940, RECORDS OF TWIN FALLS COUNTY, IDAHO;
- DEED INSTRUMENT NO. 2018-006408, RECORDS OF TWIN FALLS COUNTY, IDAHO;

PRELIMINARY PLAT
PHASE I TOPO AND BOUNDARY
EL MILAGRO, TWIN FALLS, IDAHO

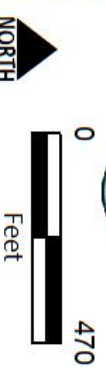
PROJECT: EL MILAGRO
DATE: 8-28-19
DESIGN BY: SA
CHECKED BY: HME
SCALE OF SHEET
HORIZONTAL SCALE: 1" = 100'
VERTICAL SCALE: N/A

PLAT

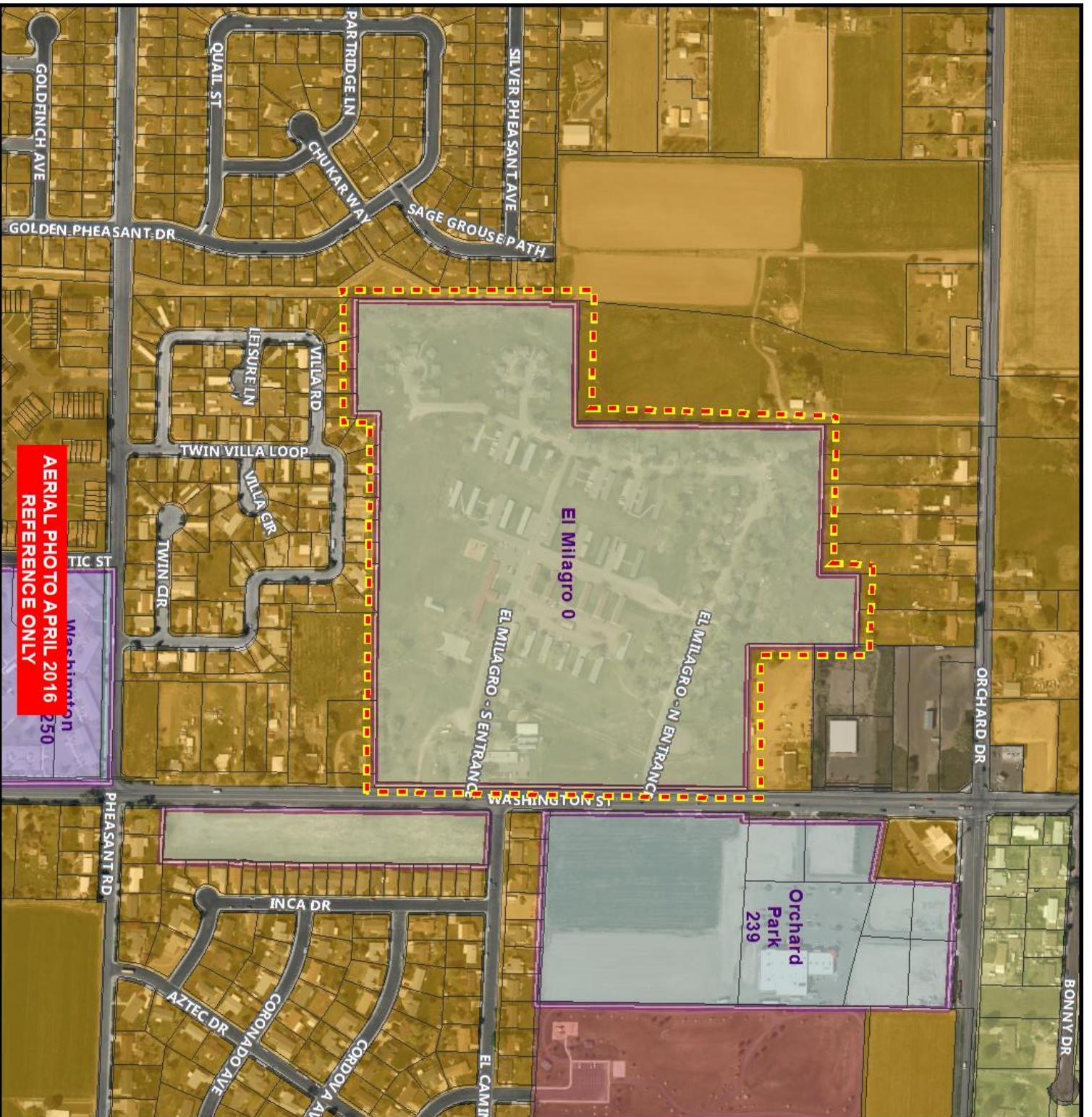
1 OF 3

Vicinity Map

-  PUD
 -  C-1
 -  OS
 -  R-2
 -  R-4
 -  R-6
- Current Zoning & Land Use:**
R-4 PUD; Residential
- Comprehensive Plan:**
Town Neighborhood &
Neighborhood Commercial
- Adjacent Zoning & Land Uses:**
- North:**
R-4; Residential
 - South:**
R-4; Residential
 - East:**
R-4 & C-1 PUD, Residential &
Commercial
 - West:**
R-4; Residential



AERIAL PHOTO APRIL 2016
REFERENCE ONLY





MASTER SITE PLAN - TOTAL PROJECT

SCALE: 1" = 80'-0"



DESERT RIDGE
INVESTMENTS, INC.

3390 CRESTBROOK LANE
SALT LAKE CITY, UT 84109
PHONE: 801.554.1912
FAX: 801.828.2839

October 9, 2019

Mr. Jonathan Spendlove
Planning and Zoning Director
203 Main Avenue East
Twin Falls, Idaho 83301

Re: El Milagro – Parks in Lieu Letter

Dear Mr. Spendlove,

I am sending this letter requesting a waiver of the Parks in Lieu/Parks requirement for the El Milagro project. The project consists of a redevelopment the housing located within the El Milagro campus. El Milagro has historically housed approximately 116 households. Due to lack of funding, some of these buildings have fallen into disrepair and several have been demolished due to safety concerns. The approved ZDA shows three phases of residential housing. Each of these phases would include either a tot lot, open community space, or some type of playground amenity. Additionally, the ZDA approved master plan shows a large park area exclusive of the additional playground amenities. The project is being platted only because an Investor Member must be given ownership to utilize the Low-Income Housing Tax Credits that have been awarded to build affordable housing. The project is providing one lot, so the dedication of land toward the Parks in Lieu will be too small to be worth the dedication. Because this is primarily a redevelopment of existing housing, we are requesting that the Park Fee requirement be waived as there will not be additional impact on public parks with the redevelopment, and community space that is currently there and/or that will be included in the future phases.

If you have any questions regarding this waiver request, please call me to discuss these items at (801) 554-1912.

Sincerely,


Ryan W. Hackett
President



Date: Tuesday, November 12, 2019
To: Honorable Mayor and City Council
From: Kathy Markus, Information Services, ITC Manager

ACTION ITEM

Request:

ACTION ITEM: Request approval of the Contract Agreement between Lytle Signs and the City of Twin Falls for the Construction of the Archway with 2 Message Boards for a total cost of \$324,636.00.

Time Estimate:

10 Minutes

Background:

The City Council requested that a Citizens Advisory Committee be created to design and raise funds for an archway with an electronic sign. The proposed archway spans Shoshone Street by the city park and has two electronic message boards. The electronic message boards will be used to present city events, community events, and emergency messages. Several messages will be able to be displayed at the same time.

On 10/7/2019, City Council approved the request from staff to enter into contract negotiations with Lytle Signs. The contract has been created and is included in the packet for review.

Lytle Signs has completed many projects within the City of Twin Falls. They were the only bidder on the project and the committee that reviewed the RFP recommended that the Lytle Signs bid be accepted. This contract includes all of the information within the RFP and the pricing information in Appendix E.

The contract has been reviewed by the City Attorney.

Approval Process:

After the contract is signed, the preparation for building can begin. The project is expected to be completed by the end of May 2020.

Budget Impact:

Regulatory Impact:

N/A

History:

N/A

Analysis:

N/A

Conclusion:

The Archway Committee and Staff are excited to begin this project.

Attachments:

1. Contract for Archway 20191024
2. Appendix A-E

Contractor Agreement

This Contract Agreement is made this _____, 2019, between City of Twin Falls "Owner" and Lytle Signs, Inc. "Contractor" (Owner and Contractor are collectively referred to herein as the "Parties") for the following project: Shoshone St Archway – Twin Falls, ID ("Project")

Owner and Contractor agree as follows.

1. WORK FOR THIS CONTRACT

- 1.1 Owner acknowledges that Contractor has entered into an agreement (the "Contract Agreement") with City of Twin Falls for services in connection with the Shoshone St. Archway. Owner hereby engages Contractor to perform the Work (as defined herein) pursuant to the terms of the Contract Agreement. The Contract Agreement are comprised of this Contract Agreement and any of the following documents provided by TFC to Contractor in connection with the Project:
 - a. Follow the Graphic Designs in Appendix A.
 - b. Follow the Stamped Engineering Plans found in Appendix B.
 - c. Follow the Site Plan found in Appendix C.
 - d. Include the Recognition Sign in Appendix D.
 - e. Include the installation of the new recognition bricks on the City Park Side.
 - f. Include the moving of the recognition bricks on the rose garden path.
 - g. Follow all Federal, State, and Local permitting processes.
 - h. The agreed upon pricing sheet/proposal is found in Appendix E.
- 1.2 Contractor has visited the site of the project and understands the scope of work and shall execute the work described in the Contract Agreement including all labor, materials, equipment, services and other items required to complete such work, except to the extent specifically indicated in the contract agreement to be the responsibility of others (the "Work").
- 1.3 The Work shall be in accordance with all applicable plans, general conditions, specifications and addenda, purchase orders, as well as all laws, ordinances, rules, regulations and orders of any public authority applicable to the Project, the Work, or the Contract Agreement.
- 1.4 The Contractor, in all matters relating to this Contract Agreement, shall be acting as an independent contractor. Neither the Contractor nor person furnishing materials nor performing work or services which are required by the Contract Agreement are employees of Owner within the meaning of or the applications of any Federal or State Unemployment Insurance Law or other Social Security or any Workmen's Compensation, industrial accident law or other industrial or labor law.
- 1.5 **Contractor General Requirements Scope**
 - a. **Archway**

The archway will be structured to look like the bridge. It is required to be constructed of weathering steel square and rectangular tube with natural rust finish to match the engineered plans.

 - All exposed steel elements are required to be fabricated with weathering steel.
 - The archway is required to be built in the location identified in the site plan
 - Two one-inch conduit for electrical wiring and network cable are required to be concealed within the structure. This conduit should run to both electronic message centers.

- The concrete shall have two 2" conduit on the city park side of the structure. This conduit will run from the grass at the edge of the sidewalk to a locked and tamper proof accessible electrical control panel hidden at the base of the archway structure. This panel will be covered with the same fabrication as the canyon walls.
- On the courthouse side of the archway, two 2" conduits shall be installed and capped at the grass side 24 inches below the surface, finished grade. On the archway side, it should come up into a locked and tamper proof accessible electrical box hidden at the base of the archway structure and be capped.

b. Archway Electrical

Proper electrical cabling and installation to the message center from the access point shall be included.

c. Fabricated Canyon Walls

The canyon walls are required to be steel frame columns. The design element shall be steel simulated canyon walls with 3/16" weathering steel that will rust to match the local Twin Falls canyon walls. The weathering steel shall have a natural rust finish, random etching to create color variation, and be sculptured or shaped in three dimension and welded together. Any part of the frame that is visible must be weathering steel with natural rust finish. The structure shall be made to deter climbing.

d. Climbing Deterrent

Four "U" shaped clear polycarbonate panels are required to be installed over the steel beams of the first sections of the structure to prevent climbing.

e. Electronic Message Centers

As indicated on the stamped engineered plans (appendix b) the archway will have two electronic message centers. The message centers will be placed on the archway above and to the right of the oncoming traffic. The message centers will be centrally controlled using the Navori software. The Navori device will be provided by the Contractor and must work with the existing Navori system. The message centers have the following minimum requirements:

- Must be at least 10'8" by 5'7.5"
- Must be at least 15.85MM 100x200 matrix or better
- Must be compatible with the Navori Digital Signage hardware and software
- Must be capable of displaying amber alerts
- Must be capable of remote configuration
- The Navori device is required to communicate back to the City network using a Wi-Fi device (provided by the City) that must be placed by the Contractor within the archway for optimal communication and out of the public view. This device must interface with existing software.
- The background of the message center is required to be 2" weathering steel with square tube frame and .080 Aluminum shaped backer panel powder coated silver.
- The 15.9' background of the message center is required to be 2" weathering Steel Square and rectangular tube with natural rust finish.

f. Twin Falls Lettering

There will be two sets of lettering "TWIN FALLS". One set will be placed in the center on each side of the archway. The lettering shall meet the following requirements:

- Must be 2'6" tall and span across four of the center vertical steel tubes as specified in the engineering plan.
- Must be reverse pan channel letters with blue LED Halo illumination
- Aluminum faces with 2" aluminum returns painted blue (PMS3015C)

- .080 aluminum shaped backer panel powder coated silver.

g. Twin Falls City and County Logos

The 6'x6'4" City of Twin Falls logo will be facing northeast and be viewable by the traffic coming into the downtown area. The 7'6"x4'7" Twin Falls County Logo will be facing southwest and be viewable by the traffic headed towards Blue Lakes Blvd. These two items require the following:

- Fabricated with aluminum cabinets and retainers painted Duranodic Bronze with internal white L.E.D. illumination.
- Clear polycarbonate faces
- Second surface color on color digitally printed logos
- Flush mounted to the frame
- The background of the message center is required to be 2" weathering steel square and rectangular tube with natural rust finish.
- The 15'9" background of the logo is required to be 2" weathering steel square and rectangular tube with natural rust finish.

h. Work Hours

Due to the public location, the staging and construction of the archway and ancillary projects must be timed and coordinated to work around the other events. These other events will include things like park events (movie night, Western Days, Concerts etc.), road construction, and sidewalk construction.

One side of the archway's base is on an easement provided by the county. Out of consideration for the County, it will be important that the County Commissioners be notified of the intended work schedule.

Careful planning and strict adherence to schedules is critical. Prior to the inception of the project, the Contractor will need to provide the proposed schedule to Kathy Markus at kmarkus@tiffd.org or 208-735-7222 so that the schedule can be reviewed and approved based on the above considerations.

i. Traffic/Barricades

Traffic control and signage is the responsibility of the Contractor. This section of Shoshone St. is not part of the state highway. Coordination with the City of Twin Falls Street Department and Parks Department will be required. Proper safety is the responsibility of the Contractor. Barricades must be in place for the duration of the project.

j. Permits

All permits are the responsibility of the Contractor.

- Building and electrical permits are required to be obtained before work begins. All work to be done by Idaho licensed contractors.
- All shop welding to be done by certified welders and in compliance with AWS D1.1 Certifications of welders to be submitted to Owner and Engineer of Record before project begins.
- All field welding to be done by certified welders and in compliance with AWS D1.1 Certifications of welders to be submitted to Owner and Engineer of Record before project begins.
- All shop and field welding to be in accordance with approved welding procedures as outlined in AWS D1.1. Shop and field welding procedures to submitted to Owner and Engineer of Record before project begins.
- Tube steel framing members to be ASTM A500 GR.B or CORTEN. Mill certifications showing compliance with these grades of steel need to be submitted to Owner and Engineer of Record before project begins.
- Special inspection by a certified third party inspection firm is required for all concrete/rebar placement and field welding. Concrete test cylinders to be taken by

special inspector and tested for compression strength as indicated on the engineered foundation design.

k. Tree/Pole Removal- Replacement

The archway install will require the removal of one tree and one pole. This removal must be coordinated with Parks and Recreation and any necessary permits should be completed. The Parks Department requires that if a tree is removed, a tree is planted as a replacement. The Owner will be responsible for the replacement.

l. Donation Recognition and Services

The Contractor will coordinate the installation of the donation recognition bricks and the donation sign. Twin Falls Community Foundation will order the donation bricks. The recognition sign must be created to meet the minimum specifications of the description in Appendix D. The circles on the sign will represent the donation amounts (i.e. larger donations will have larger circles) and the final design will be approved by the Owner. The new recognition bricks and the recognition sign will be located on the City Park side of the project just off of the sidewalk. The bricks shall be installed at the base of the sign.

The existing recognition bricks on the rose garden side of the archway will need to be preserved and relocated and the path needs to continue around the archway. There is flexibility in the proposed solution for this item.

The pricing sheet/proposal (Appendix e) reflects the donated services. These donations will be included on the recognition sign.

m. Sprinkler System, Grass, and Sidewalks

The existing sprinkler system, grass and sidewalk in the area must be preserved and returned to functioning at the end of construction.

n. Documentation

Contractor shall provide complete as-built, operational, and maintenance documentation.

2. EXECUTION AND PROGRESS OF THE WORK

- 2.1 Contractor shall supervise and direct the Work and shall cooperate with Owner in scheduling and performing the Work to avoid conflict, delay in or interference with the work of Owner or other Contractors.
- 2.2 Contractor shall perform such Work in accordance with the Contract Agreement. The Work shall be to the satisfaction of Owner. Owner shall have the right to inspect the Work at any time during this Contract Agreement. Contractor agrees that Owner will have the authority to reject the Work to the extent it does not conform to this Contract Agreement or it is not satisfactory to Owner.
- 2.3 Contractor is responsible for reviewing all specifications, drawings, and other elements of the Work and for assuring itself of their suitability for the Work. Contractor shall advise Owner immediately of any discrepancies, omissions, or ambiguities in any specification drawings, notes, or instruction that have been provided by Contractor.

3. CHANGE ORDERS AND AMENDMENTS

- 3.1 Any changes to the Work may only be authorized upon submission of a written change order to Owner. No deviations from the Work specified herein shall be permitted or paid for unless a written change order is first agreed upon and signed and a purchase order is issued by Owner prior to the commencement of the Work subject of the change.

- 3.2 The Contract Agreement clarify the Work and terms and conditions for the Project stated above. There shall be no amendments made to the Contract Agreement unless the same is in writing and signed by the Parties. Contractor expressly agrees and understands that under no circumstances shall any other agreements, attachments or modifications, except an addendum as described herein, bind Owner to terms and conditions that are in any way contrary or supplementary to this Contract, or which expand Owner's liability beyond that expressly stated in this Contract Agreement.
- 3.3 Each subcontract, whether between Design-Builder and a Contractor or between any Contractor and a Sub-Contractor, shall state that Owner are intended third-party beneficiaries of such subcontract and shall contain an indemnity and hold harmless in favor of Owner and its officers, employees, agents, successors and assigns against all claims, damages, losses, costs and expenses, including reasonable attorneys' fees, caused by the negligent acts or omissions of the Contractor, its Sub-Contractors, or its employees, agents or consultants in connection with the Work.

4. ASSIGNMENT

- 4.1 No assignment of this Contract Agreement is permitted without prior written permission from Owner.

5. INDEMNIFICATION

- 5.1 The Work performed by Contractor shall be at the risk of Contractor exclusively. To the fullest extent permitted by law, Contractor agrees to indemnify, defend (at Contractor's sole expense) and hold harmless Owner, their affiliated entities, agents, employees against any and all losses, claims, expenses, liability, demands and damages of whatever nature and kind arising out of, resulting from, or in any way related to the performance of this Contract Agreement or the Work further detailed in the Contract Agreement by Contractor, its Contractors, suppliers, agents, employees, or representatives.

6. LAWS, PERMITS, AND FEES

- 6.1 Contractor shall comply with all applicable federal, state and local laws. Contractor shall pay all sales tax, use tax and government fees associated with this Work.
- 6.2 Contractor certifies that all of its employees are legal to work in the United States and Contractor possesses the proper documentation in compliance with the Immigration and Naturalization Service Bureau regulations and any other applicable Federal, State and Local laws.
- 6.3 Owner reserves the right to request verification of compliance with Immigration and Naturalization Service Bureau regulations. Owner further reserves the right to randomly audit Contractor's documentation to verify compliance with the aforementioned regulations.
- 6.4 Owner agrees if physical verification of Contractor's documentation is required to keep all information obtained confidential and that it will not be shared within their organization, except with those with a business need to know, with outside organizations or governmental organizations unless required by law.
- 6.5 If an issue arises regarding a Contractor's compliance with Immigration and Naturalization Service Bureau regulations, Contractor is responsible for the issue in its entirety and will indemnify, defend (at Contractor's sole expense), and hold harmless Owner, including any costs associated with the issue, including but not limited to, attorney fees.

7. SITE/BUILDING CLEAN-UP

- 7.1 Contractor shall keep the premises and surrounding area free from accumulation of waste materials or rubbish caused by operations performed under this contract.
- 7.2 This area is a high traffic area and the entry into the downtown corridor. It is required that the construction area be kept orderly and cleaned up at the end of each workday.
- 7.3 If Contractor fails to clean up and remove from the Project premises all debris caused by the execution of the Work or furnishing of material, Owner may remove it and charge the costs to Contractor.

8. WARRANTY

- 8.1 The Contractor shall warrant that all goods and services supplied, systems, equipment, software and work shall conform to and perform as called for in the Contract and shall be free from all defects and faulty materials and workmanship. Any services supplied, systems, equipment, or work found to be defective within the Warranty periods described herein shall be repaired, remedied, or replaced, by the Contractor, free of all charges including transportation. The Contractor shall provide to the City a warranty of three years on fixed system infrastructure. The warranty period for all services, systems and equipment, shall commence on the date of final acceptance of the system.

9. DATE OF COMMENCEMENT, COMPLETION, TERMINATION

- 9.1 Contractor's date of commencement is the date of this Contract Agreement, as first written above, unless a different date is stated or provision is made for the date to be fixed in a notice to proceed issued by Owner.
- 9.2 The Work of this Contractor shall be substantially completed in a timely manner. Contractor will work expeditiously to complete the Work so as to not impede on the completion of this Project. The goal is to have the project completed by May 31, 2020.
- 9.3 Time is of the essence of this Contract Agreement. In the event Contractor delays the progress of the Work or the furnishing of materials, or fails in the performance of any of the provisions of the Contract Agreement, or becomes bankrupt or insolvent, Owner shall have the right to cancel this Contract Agreement.
- 9.5 Upon notification of completion of all installation and resolution of all punch list items, the City will conduct final inspection of the installation. Any deficiencies will be noted on the punch list and provided to the Bidder for resolution. Final acceptance will not commence until all punch list items are resolved.

10. SUBCONTRACT SUM / PAYMENT

- 10.1 FIXED PRICE WORK: Owner shall pay Contractor for performance of the Work, subject to additions and deductions as provided in the Contract Agreement. Owner will provide a purchase order for the original work, which will be part of the Contract Agreement. Change orders to original work, resulting in purchase orders, will be also added to the Contract Agreement.
- 10.2 Payment Schedule is as follows-
 - 50% deposit
 - 25% at substantial completion of manufacturing
 - 25% Final payment shall be made 30 days after acceptance of the Work by Owner and waiver of lien from Contractor.

11. INSURANCE AND BONDS

- 11.1 Contractor agrees to provide and maintain, at its sole cost and expenses, the following insurance policies: Workmen's Compensation, Public Liability, Property Damage, and any other insurance coverage which may be necessary as required by Owner, or State Law. Certificates of Insurance with respect to the required policies, as well as a copy of each policy, shall be filed with Owner before commencement of the Work and shall evidence not less than the coverage required by Owner in Exhibit A. All insurance required pursuant to the Contract Agreement must evidence Owner as additional insured and must contain waivers of subrogation as to all insureds.

12. WAIVER OF SUBROGATION

- 12.1 Contractor waives all rights against Owner, its Contractors, and the agents or employees Owner for damages covered by insurance maintained by Contractor.

13. SAFETY

- 13.1 Contractor shall adhere to Lytle Signs Safety Policies and Procedures on the Site and shall be consistent with all applicable laws, rules and regulations (including OSHA) and with good practices in the construction industry.
- 13.2 Owner reserves the right to verify safety training and certifications of Contractor and its employees working on the Site.

14. MISCELLANEOUS

- 14.1 The Parties acknowledge that this Contract Agreement and the Contract Agreement constitute the entire agreement between the Parties and there are no understandings or representations not contained herein.
- 14.2 This writing shall be binding upon and inure to the benefit of the successors, permitted assigns, heirs and personal representatives of the parties hereto.
- 14.3 This Contract Agreement and the Contract Agreement shall be governed by the laws of the state in which the Project is located.
- 14.4 In the event that any action, suit, or other legal or administrative proceeding is instituted or commenced by either party hereto against the other party arising out of or related to the Contract Agreement, the prevailing party shall be entitled to recover its reasonable attorney fees and court costs from the non-prevailing party.
- 14.5 The provisions of the Contract Agreement shall be severable so that the invalidity, unenforceability or waiver of any of them shall not affect the remaining provisions herein. This Contract Agreement may be executed simultaneously or in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument. The Parties agree that this Contract Agreement may be transmitted between them electronically or digitally. The Parties intend that electronically or digitally transmitted signatures constitute original signatures and are binding on the Parties. The original document shall be promptly delivered, if requested.

This Contract Agreement entered into as of the day and year first written above.

Lytle Signs, LLC

(Authorized Signature)

(Printed name and title)

(Date)

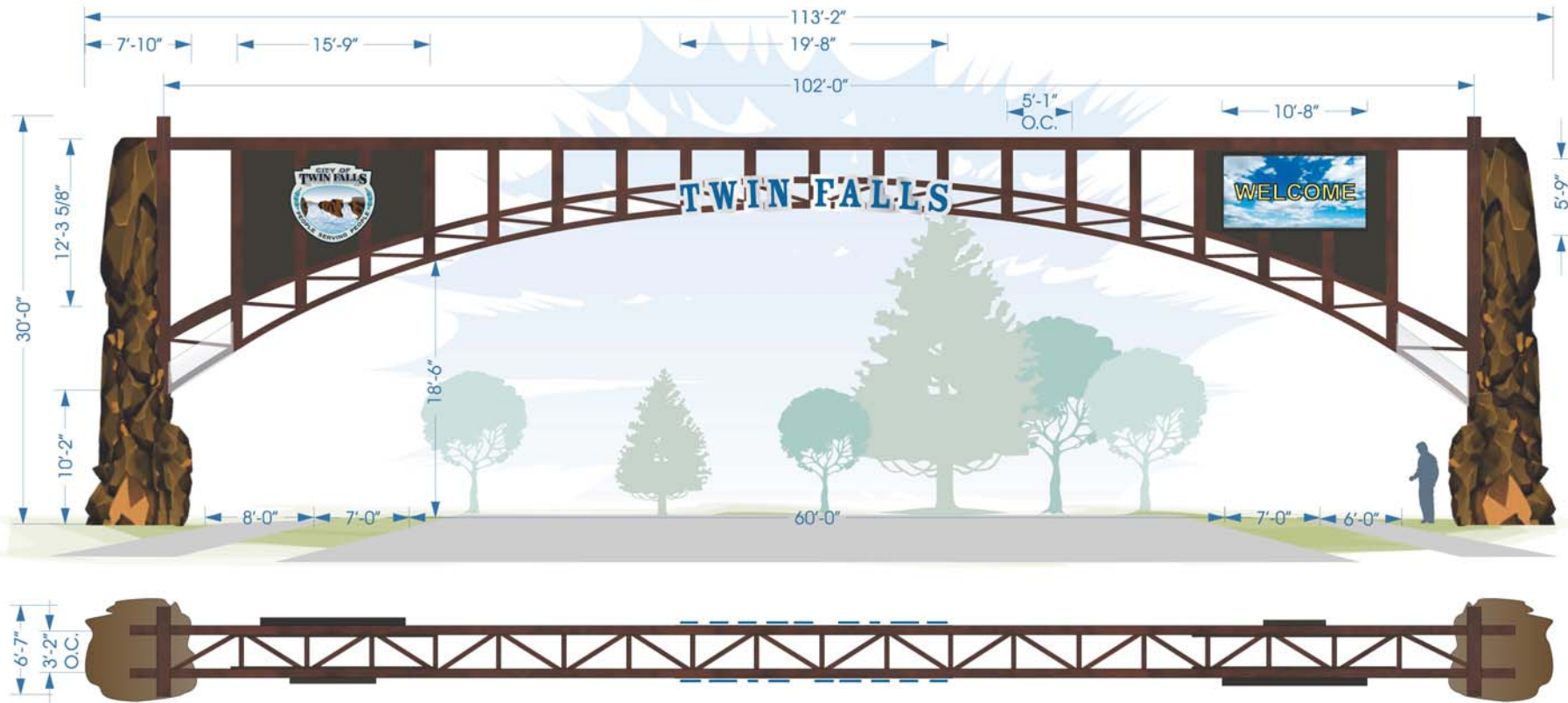
City of Twin Falls

(Authorized Signature)

(Printed name and title)

(Date)

Appendix A – Graphic Design



AERIAL VIEW TO DEMONSTRATE COLUMN LAYOUT



(1) D/F ENTRY WAY ARCH



SIMULATED NIGHT VIEW TO DEMONSTRATE ILLUMINATION

Unauthorized use, reproduction and/or display shall render the infringer liable for up to \$150,000 in statutory damages, plus attorney fees and costs for each infringement under the U.S. Copyright Act (17 U.S.C. 412 & 504). THIS RENDERING IS CONCEPTUAL---COLORS MAY NOT REPRESENT ACTUAL FINISH---ILLUMINATED AND DAYLIGHT COLORS WILL VARY

CLIENT	Twin Falls Archway Committee
ADDRESS	Twin Falls, ID 83303
JOB LOCATION	Twin Falls, Idaho
DATE	3/6/2017
SCALE	1/8" = 1'
ACCOUNT EXECUTIVE	RL
DRAWN BY	AS
FILENAME	TWIN FALLS CITY Entry Archway Entry Archway - 29971 REV 8
QUOTE #	29971
REVISIONS	03-26-2019 04-11-2019

PAGE 1 OF 2
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ALL RIGHTS RESERVED

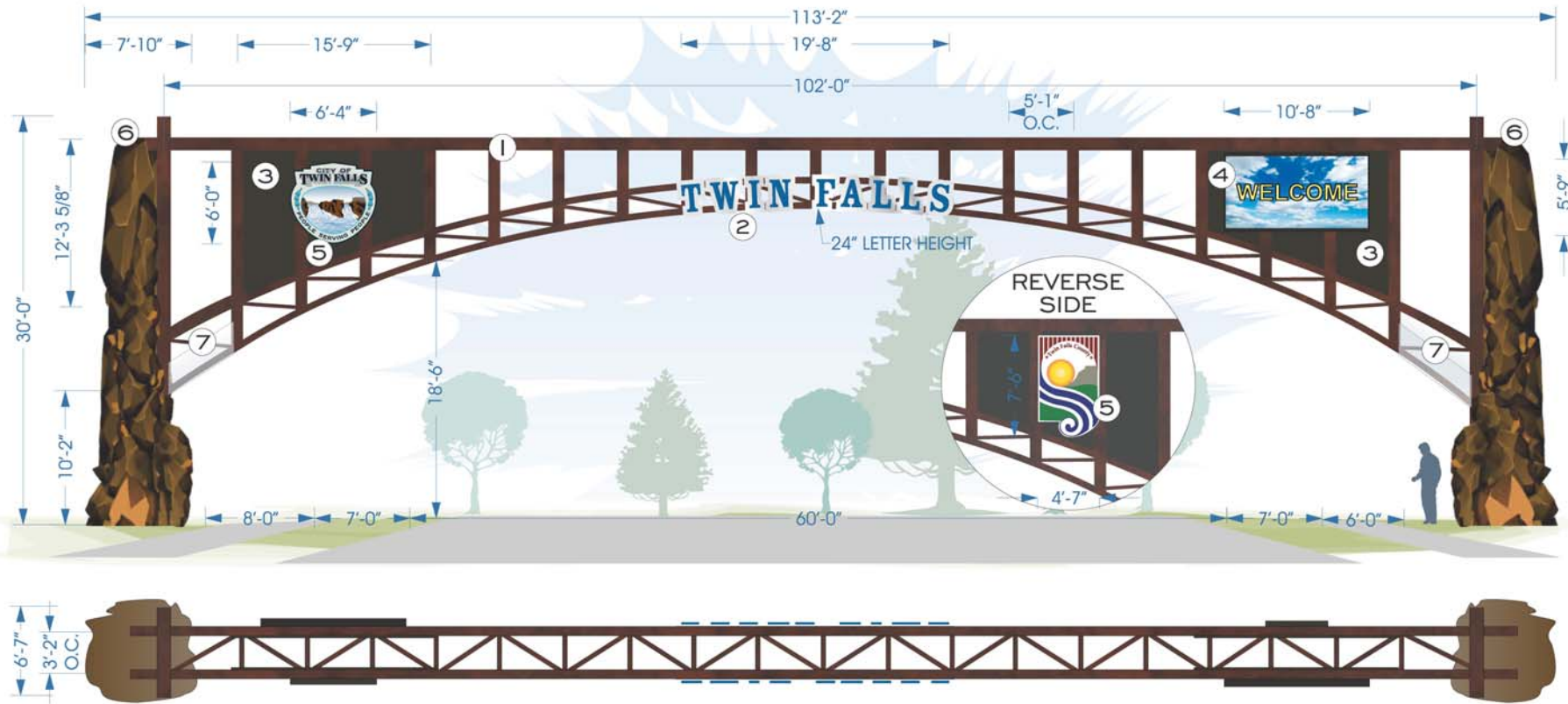


Lytle Signs Inc.

Twin Falls Office
P.O. BOX 305
1925 KIMBERLY RD.
TWIN FALLS, IDAHO 83303
208.733.1739
1.800.621.6836
fax 208.736.8653

Boise/Meridian Office
2070 E. COMMERCIAL ST.
MERIDIAN, IDAHO 83642
208.388.1739
fax 208.388.3966
www.lytlesigns.com
sales@lytlesigns.com





AERIAL VIEW TO DEMONSTRATE COLUMN LAYOUT

(1) D/F ENTRY WAY ARCH

1. BRIDGE & SUPPORTS CONSTRUCTED FROM WEATHERING STEEL SQUARE & RECTANGLE TUBE WITH NATURAL RUST FINISH (SEE STAMPED ENGINEERED PLANS)
2. (2 SETS) REVERSE PAN CHANNEL LETTERS ALUMINUM FACES & 2" ALUMINUM RETURNS PAINTED BLUE (PMS 3015C) CLEAR POLYCARBONATE BACKS BLUE L.E.D HALO ILLUMINATION .080 ALUMINUM SHAPED BACKER PANEL POWDER COATED SILVER
3. (4) SIGN PANEL BACKGROUNDS 2" WEATHERING STEEL SQ. TUBE FRAME (SEE STAMPED ENGINEERED PLANS) .080 ALUMINUM CLADDING PAINTED DURANODIC BRONZE (BOTH SIDES)
4. (2) COLOR L.E.D. ELECTRONIC MESSAGE CENTERS WITH CELLULAR COMMUNICATION COMPATIBLE WITH NAVORI & CAPABLE OF DISPLAYING AMBER ALERT DAKTRONICS GS6 15.85MM 100 X 200 MATRIX MOUNTED ON EACH SIDE OF ARCH ABOVE ONCOMING TRAFFIC
5. (1 EA.) ILLUMINATED CITY & COUNTY LOGOS FABRICATED ALUMINUM CABINETS & RETAINERS PAINTED DURANODIC BRONZE INTERNAL WHITE L.E.D. ILLUMINATION CLEAR POLYCARBONATE FACES SECOND SURFACE COLOR ON COLOR DIGITALLY PRINTED LOGOS FLUSH MOUNTED TO FRAME
6. (2) STEEL SIMULATED CANYON WALLS INTERNAL STEEL FRAMEWORK (SEE STAMPED ENGINEERED PLANS) 3/16" WEATHERING STEEL PLATE COVERS CUT & WELDED TOGETHER WITH NATURAL RUST FINISH & RANDOM ETCHING TO CREATE COLOR VARIATION NOTE: ELEMENTS TO BE DESIGNED TO DETER CLIMBING STRUCTURE
7. (4) "U" SHAPED CLEAR POLYCARBONATE INSTALLED OVER STEEL BEAMS ON FIRST SECTIONS OF STRUCTURE TO PREVENT CLIMBING

NOTE: ALL EXPOSED STEEL ELEMENTS FABRICATED WITH WEATHERING STEEL

Unauthorized use, reproduction and/or display shall render the infringer liable for up to \$150,000 in statutory damages, plus attorney fees and costs for each infringement under the U.S. Copyright Act (17 U.S.C. 412 & 504). THIS RENDERING IS CONCEPTUAL---COLORS MAY NOT REPRESENT ACTUAL FINISH---ILLUMINATED AND DAYLIGHT COLORS WILL VARY

CLIENT	Twin Falls Archway Committee
ADDRESS	Twin Falls, ID 83303
JOB LOCATION	Twin Falls, Idaho
DATE	3/6/2017
SCALE	1/8" = 1'
ACCOUNT EXECUTIVE	RL
DRAWN BY	AS
FILENAME	TWIN FALLS CITY/Entry Archway/Entry Archway - 29971 REV 8
QUOTE #	29971
REVISIONS	03-26-2019 04-02-2019 04-08-2019 04-11-2019

PAGE 2 OF 2
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Lytle Signs Inc.

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P.O. BOX 305
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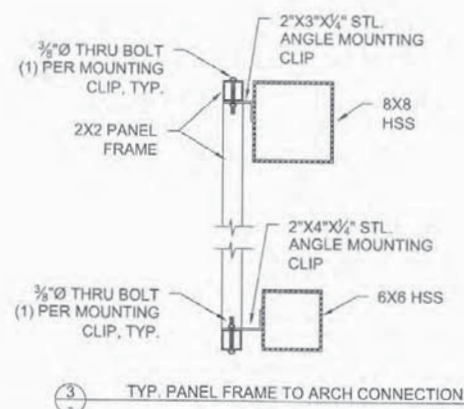
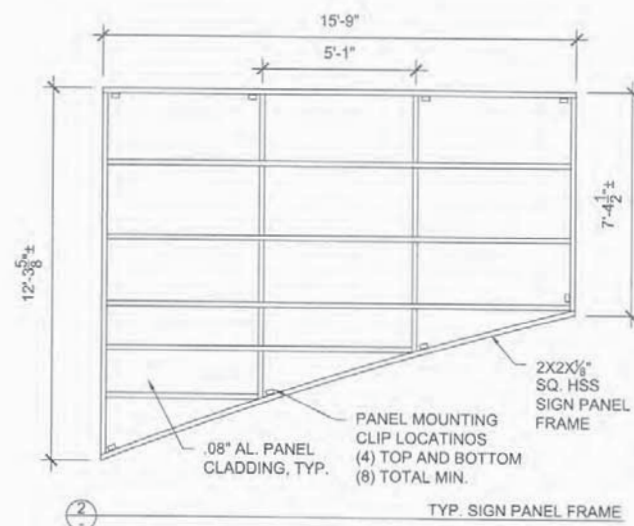
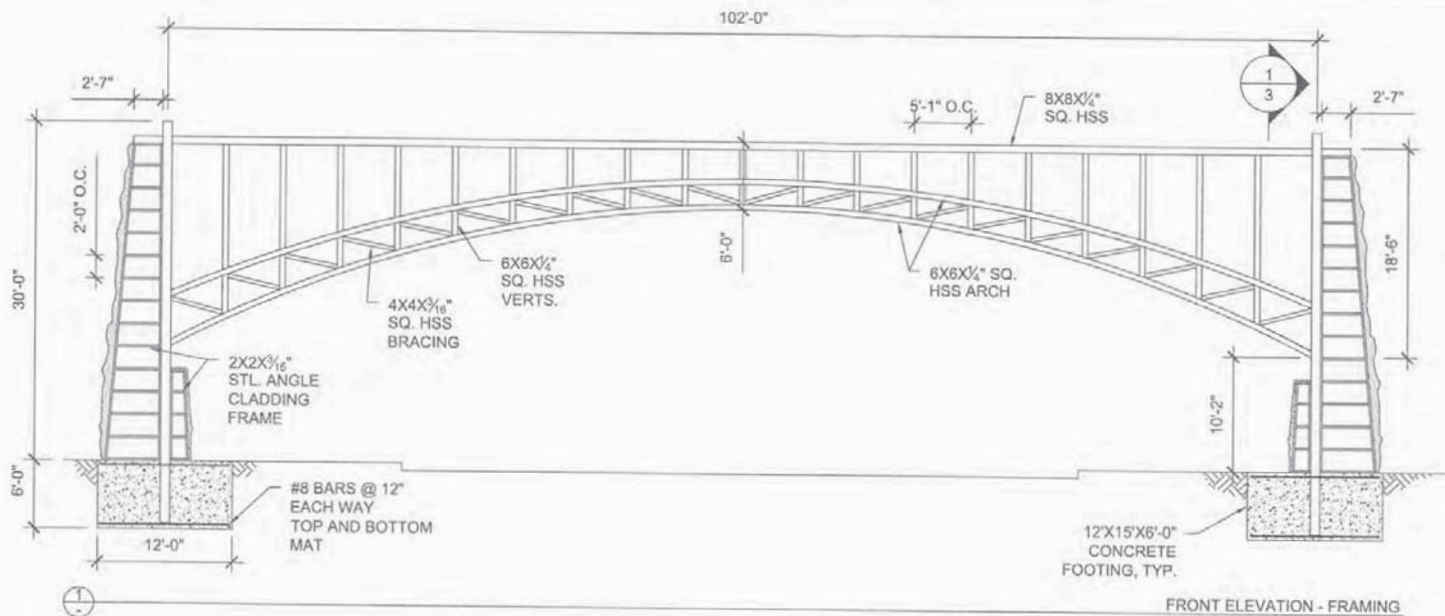
Appendix B Engineering Plans



USE (3) MIN. MOUNTING CLIPS/BOLTS
PER LETTER (2) MIN. FOR LETTER "I" &

TYP. LETTER CONNECTION

14. SPECIAL INSPECTION REQUIRED FOR ALL FIELD WELDS.



SULLAWAY
ENGINEERING

10815 RANCHO BERNARDO
ROAD, SUITE 200
SAN DIEGO, CA 92127
(858) 312-6150
www.sullawayeng.com

TWIN FALLS
ARCHWAY
TWIN FALLS, ID

CLIENT:
LYTLE SIGNS INC.

PROJECT NUMBER:
15975

DATE: 04-04-2018

SCALE: NO SCALE

DRAWN BY: JS

DESIGNED BY: JS

REVISIONS:
NO. DATE

1 4-17-18 - REVISED
FRAME SPAN TO END IN COLLAR
BRACING, NOT COLLAR VERTICALS

2 7-24-18 - REVISED
FOOTING SIZE

3

4

5



SHEET:
2 of 25

SULLAWAY ENGINEERING
 10815 RANCHO BERNARDO
 ROAD, SUITE 200
 SAN DIEGO, CA 92127
 (619) 312-5100
 www.sullawayeng.com

TWIN FALLS
 ARCHWAY
 TWIN FALLS, ID

CLIENT:
 LYTLE SIGNS INC.

PROJECT NUMBER:
 15975

DATE: 04-04-2018

SCALE: NO SCALE

DRAWN BY: JS

DESIGNED BY: JS

REVISIONS: DATE
 NO

1 4-17-18 REVISED
 10' DIA. SIGN POST IN SULLAWAY
 ARCHWAY NOT TO BE CONSIDERED
 FOR THIS DESIGN

2 7-24-18 REVISED
 FOOTING SIZE

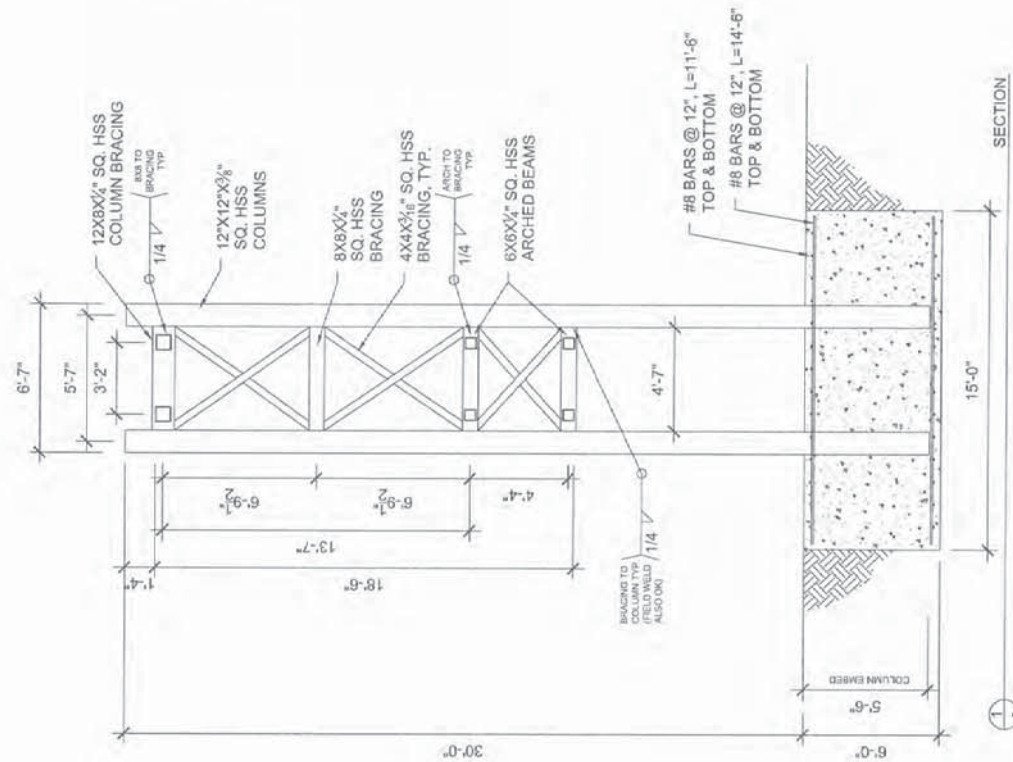
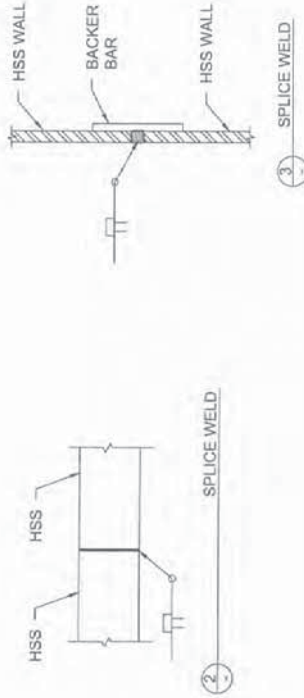
3

4

5



SHEET:
 3 of 25



10815 Rancho Bernardo Rd., SD, CA 92127
projectmanager@sullawayeng.com
Phone: 858-512-5150 Fax: 858-777-3534

PROJECT: Twin Falls - Archway
PROJ. NO.: 15975
CLIENT: Lytle Signs, Inc.

DATE: 3/9/2018
ENGINEER: JS

Applied Wind Loads Per AASHTO LRFD Specifications for Structural Supports for Highway signs

$P_z = 0.00256 \cdot K_z \cdot K_d \cdot G \cdot V^2 \cdot C_d$ eq. 3.8.1-1

$K_z = 1.0$ (Sec. 3.8.4)
 $K_d = 0.85$ (Table 3.8.5.1)
 $G = 1.14$ (Sec. 3.8.6)
 $V = 120$ mph
 C_d truss = 1.25 (Table 3.8.7-1)
 P_z truss = 44.65 PSF
 C_d panel = 1.15 (Table 3.8.7-1)
 P_z panel = 41.08 PSF

Fatigue Loading (Ch. 11)

Galloping: N/A

Natural Wind Gust: $P_{nw} = 5.2 \cdot C_d \cdot I_f$ (eq. 11.7.1.2-1)

Importance factor $I_f = 1.00$ (sec. 11.6)

P_{nw} truss = 6.50 PSF
 P_{nw} Panel = 5.98 PSF

Truck Induced Gust: $P_{ig} = 18.8 \cdot C_d \cdot (V/65 \text{ mph})^2 \cdot I_f$ (eq. C11.7.1.3-1)

Importance factor $I_f = 1.00$ (sec. 11.6)

P_{ig} truss = 3.48 PSF
 P_{ig} Panel = 3.20 PSF

$V/I = 25$ mph

Check 3/8" Thru Bolt securing panel frame to mounting clips

Trib. Area = $.5(5.25 \text{ ft})(12.167 \text{ ft}) = 32 \text{ ft}^2$
wind force = $(32 \text{ ft}^2)(41 \text{ psf}) = 1312 \text{ lbs}$
dead load = $1.25(10 \text{ psf})(32 \text{ ft}^2) = 400 \text{ lbs}$

T per anchor = 400 k
T capacity = $.75(45 \text{ ksi})(.11 \text{ in}^2) = 3.71 \text{ k}$ OK
V per anchor = 1.31 k
V capacity = $.75(27 \text{ ksi})(.11 \text{ in}^2) = 2.22 \text{ k}$ OK

Fatigue load = $(32 \text{ ft}^2)(6 \text{ psf}) = 192 \text{ lbs}$
A bolt = $.11 \text{ in}^2$
Bolt Stress = $.192 \text{ k}/.11 \text{ in}^2 = 1.75 \text{ ksi} < 7 \text{ ksi Threshold}$ OK

Check 2"x4"x1/4" Mounting clip for panel frames, L = 3"

Bolt Bearing = 1.31 k
 $\phi R_n = 2.4 D^t F_u = 2.4(.375 \text{ in})(.25)(60 \text{ ksi}) = 13.5 \text{ k}$ OK

Angle Leg $M_u = (.400 \text{ k})(3") = 1.20 \text{ k-in}$
 $Z = .25(3")(25)^{3/2} = .047 \text{ in}^3$
 $\phi M_n = \phi F_y Z = (.9)(36 \text{ ksi})(.047 \text{ in}^3) = 1.52 \text{ k-in}$ OK

Check 3/8" Thru Bolt securing EMC to Panel frame - (3) top and bottom - (6) total min.

EMC Area = $(5.667 \text{ ft})(10.667 \text{ ft}) = 61 \text{ ft}^2$
wind force = $(61 \text{ ft}^2)(41 \text{ psf}) = 2501 \text{ lbs}$
dead load = $1.25(10 \text{ psf})(61 \text{ ft}^2) = 763 \text{ lbs}$

T per anchor = $.763 \text{ k}/6 = .127 \text{ k}$
T capacity = $.75(45 \text{ ksi})(.11 \text{ in}^2) = 3.71 \text{ k}$ OK
V per anchor = $2.501 \text{ k}/6 = .417 \text{ k}$
V capacity = $.75(27 \text{ ksi})(.11 \text{ in}^2) = 2.22 \text{ k}$ OK

Fatigue load = $(11 \text{ ft}^2)(6 \text{ psf}) = 66 \text{ lbs}$
A bolt = $.11 \text{ in}^2$
Bolt Stress = $.066 \text{ k}/.11 \text{ in}^2 = 0.60 \text{ ksi} < 7 \text{ ksi Threshold}$ OK

Check 3/8" Thru Bolt securing letters to mounting clips - (3) per letter min. - (2) OK for letter "I"

Area per letter= (2.50 ft)(2.50 ft) = 6.25 ft²
 wind force= (6.25 ft²)(41 psf)= 256 lbs
 dead load= 1.25(10 psf)(6.25 ft²)= 78 lbs

T per anchor= .078 k/3 = .026 k

T capacity= .75(45 ksf)(11 in²)= 3.71 k

V per anchor= 256 k/3 = .085 k

V capacity= .75(27 ksf)(11 in²)= 2.22 k

Fatigue load= (6.25 ft²)(6 psf)/3= 13 lbs

A bolt= .11 in²

Bolt Stress= .013 k/11 in² = 0.12 ksi < 7 ksi Threshold

OK

OK

OK

SULLAWAY ENGINEERING
 P.O. Box 28789, SD, CA 92198
 mikesullaway@gmail.com
 Phone: 858-312-5150 Fax: 858-777-3534

PROJECT: Twin Falls Archway

PROJ. NO.: 15975-1

CLIENT: Lytle Signs

DATE: 7/24/18

ENGINEER: JS

Version 1.0

Longitude Direction

applied shear at grade v= 18 kip
 applied moment at grade m= 374 kip-ft
 depth of soil above footing h_s= 0 ft
 allowable soil bearing p= 2.7 ksf
 (use a factor of 1.33 for wind or seismic)
 unfactored load
 unfactored load
 (2000 x 1.33 = 2667
 factored loads per RISA Report
 30 k - Z per RISA Report
 622 k-ft Mx per RISA Report

Spread Footing Design

moment m= 482.0 k-ft at base of footing
 Footing size (ft) b= 12.00 L= 15.0
 Footing Weight= 162.0 k signage weight= 31.0 k soil 0.00 total= 193.00
 Overturning: M_o= 1448 M_o>1.5M 3.00 ok
 soil pressure: max= 2.143 ksf V= 144.7 k V_f= 232 k (=1.6V) ok
 forces on concrete pad: M= 543 k-ft M_f= 868 k-ft

Check Slab;

ϕ= 0.9
 Flexure A_s= 7.00
 ϕM_n=ϕA_sf_y(d-a/2)= 25445 k-in = 2120 k-ft
 a=A_sf_y/0.85f_cb= 1.373 in
 ϕ= 2.5 ksi
 d= 68.0 in
 M_n>ϕM_n ok

Check minimum

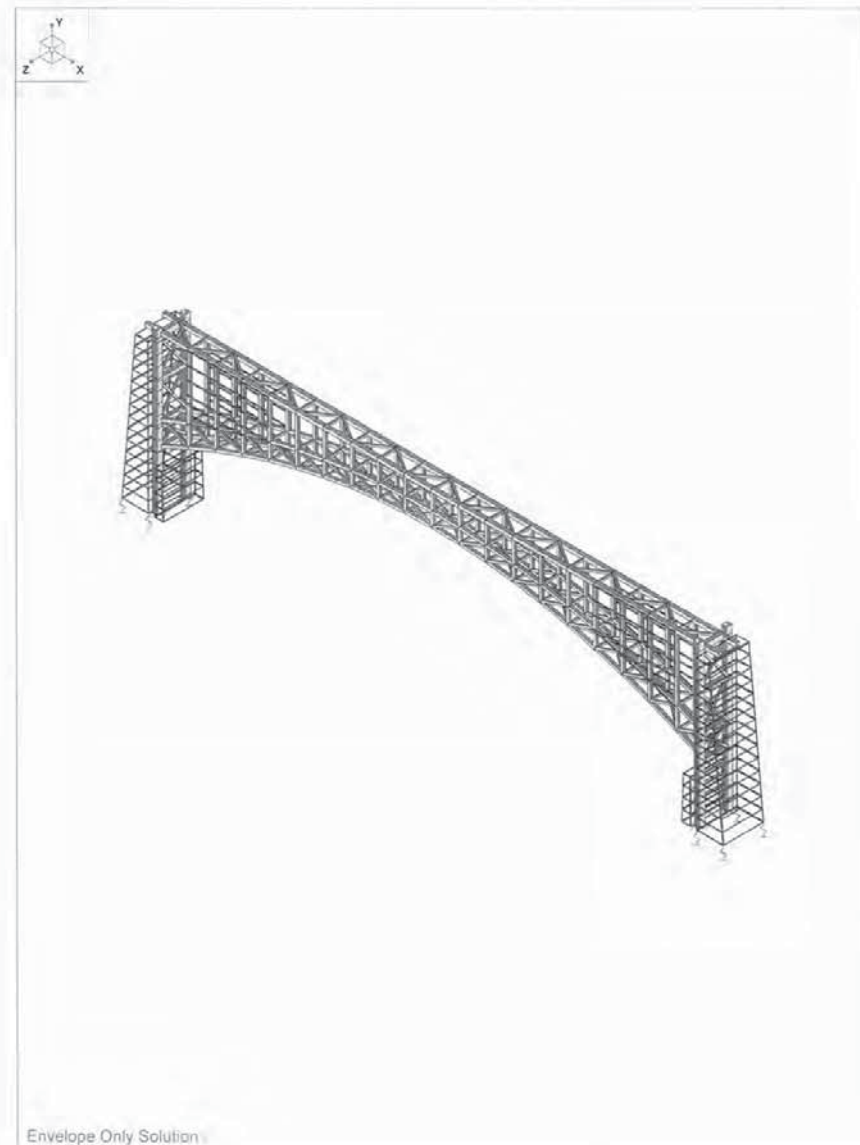
A_{min}=2sqrt(f_c)bdr_f= 24.5
 200bdh_y= 32.64
 or 1.33A_s= 9.33 in²
 Use A_s= 9.33 in²

Shear, ϕV_n=ϕ2sqrt(f_c)bd ϕV_c= 734.4

ϕ= 0.75

V_n>ϕV_n ok

SULLAWAY ENGINEERING		P.O. Box 28789, SD, CA 92198 mikesullaway@gmail.com Phone: 858-312-5150 Fax: 858-777-3534																																											
PROJECT: Twin Falls Archway PROJ. NO.: 15975-1 CLIENT: Lytle Signs		DATE: 7/24/18 ENGINEER: JS																																											
Version 3.0 Transverse Direction applied shear at grade $v = 19$ kip unfactored load X per RISA Report applied moment at grade $m = 96$ kip-ft unfactored load Mz per RISA Report depth of soil above footing $h_s = 0$ ft allowable soil bearing $p = 2.0$ ksf (use a factor of 1.33 for wind or seismic) units: pounds, feet unless noted otherwise																																													
Spread Footing Design																																													
<table style="width: 100%; font-size: small;"> <tr> <td>moment $m = 210.0$ k-ft</td> <td>at base of footing</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Footing size (ft) $b = 15.00$</td> <td>$L = 12.0$</td> <td>$h = 6.00$</td> <td>$S = 360.1$</td> <td></td> <td></td> </tr> <tr> <td>Footing Weight = 162.0 k</td> <td>signage weight = 31.0 k</td> <td>soil 0.00</td> <td>total = 193.00</td> <td></td> <td></td> </tr> <tr> <td>Overturning; $M_o = 1158$</td> <td>$M_o > 1.5M$ 5.5143</td> <td></td> <td>ok</td> <td></td> <td></td> </tr> <tr> <td>soil pressure; max = 1.655 ksf</td> <td></td> <td></td> <td>ok</td> <td></td> <td></td> </tr> <tr> <td>forces on concrete pad;</td> <td>$V = 122.7$ k</td> <td>$V_r = 196$ k</td> <td>$(= 1.6V)$</td> <td></td> <td></td> </tr> <tr> <td></td> <td>$M = 368$ k-ft</td> <td>$M_r = 589$ k-ft</td> <td></td> <td></td> <td></td> </tr> </table>				moment $m = 210.0$ k-ft	at base of footing					Footing size (ft) $b = 15.00$	$L = 12.0$	$h = 6.00$	$S = 360.1$			Footing Weight = 162.0 k	signage weight = 31.0 k	soil 0.00	total = 193.00			Overturning; $M_o = 1158$	$M_o > 1.5M$ 5.5143		ok			soil pressure; max = 1.655 ksf			ok			forces on concrete pad;	$V = 122.7$ k	$V_r = 196$ k	$(= 1.6V)$				$M = 368$ k-ft	$M_r = 589$ k-ft			
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			Use $A_s = 5.33$ in²																																										
<table style="width: 100%; font-size: small;"> <tr> <td>Shear; $\phi V_n = \phi 2 \sqrt{f_c} b d$</td> <td>$\phi V_c = 918.0$</td> <td>$\phi = 0.75$</td> <td>$V_r < \phi V_n$ ok</td> </tr> </table>				Shear; $\phi V_n = \phi 2 \sqrt{f_c} b d$	$\phi V_c = 918.0$	$\phi = 0.75$	$V_r < \phi V_n$ ok																																						
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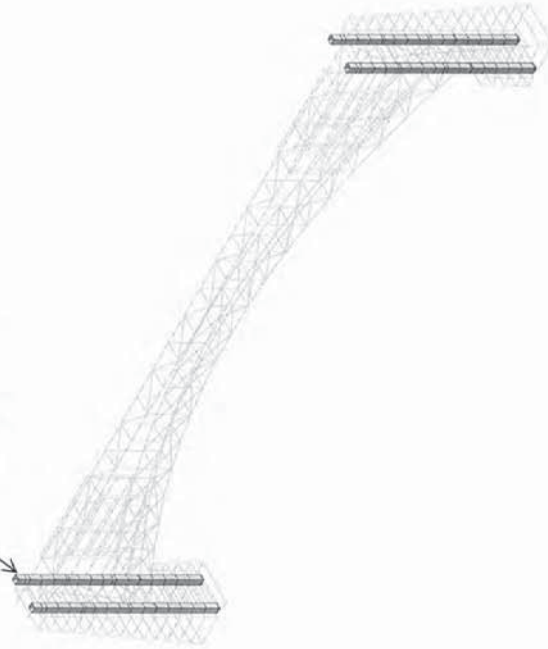




Envelope Only Solution



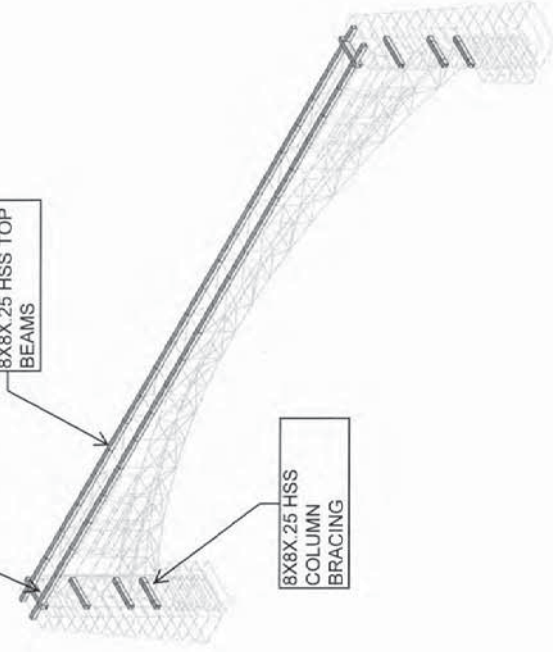
12"X12"X.375"
WALL STEEL
TUBE COLUMNS



12X8X.25 HSS
COLUMN
BRACING @ TOP

8X8X.25 HSS TOP
BEAMS

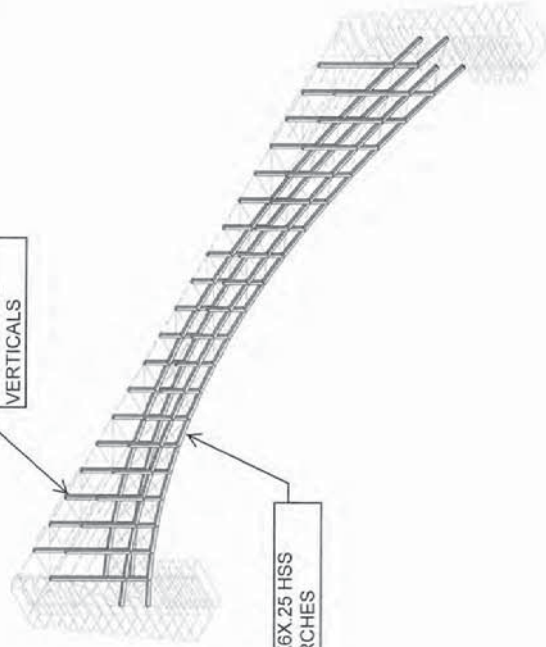
8X8X.25 HSS
COLUMN
BRACING





6X6X.25 HSS
VERTICALS

6X6X.25 HSS
ARCHES



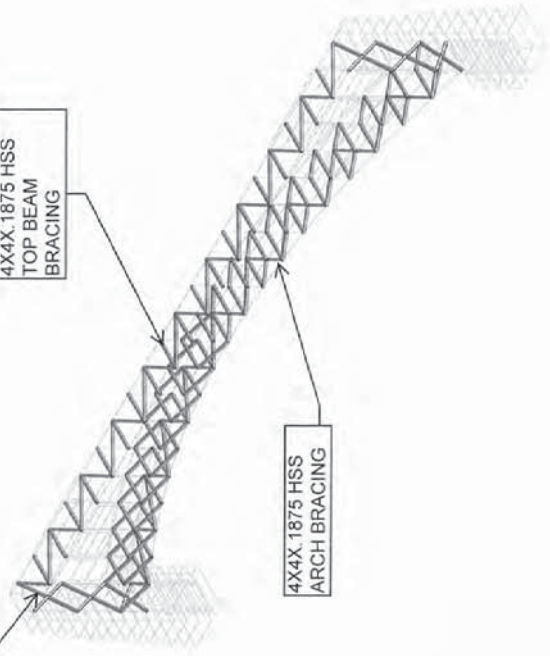
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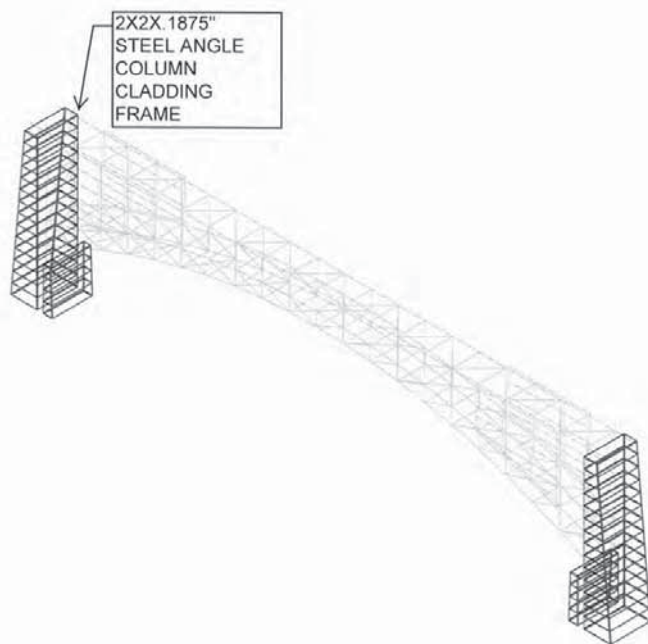
4X4X.1875 HSS
COLUMN
BRACING

4X4X.1875 HSS
TOP BEAM
BRACING

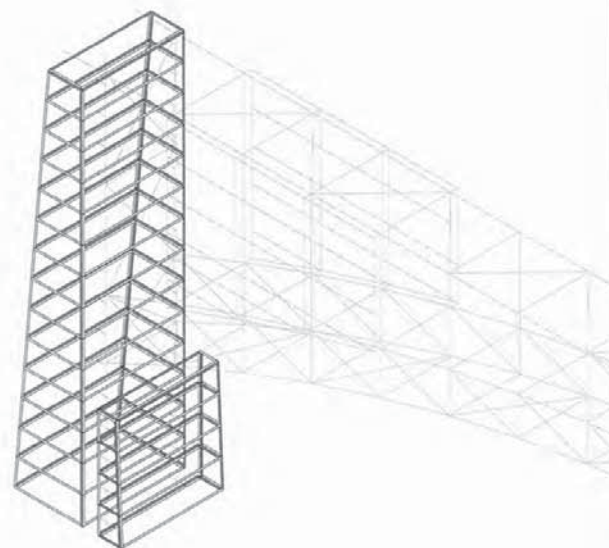
4X4X.1875 HSS
ARCH BRACING



Envelope Only Solution



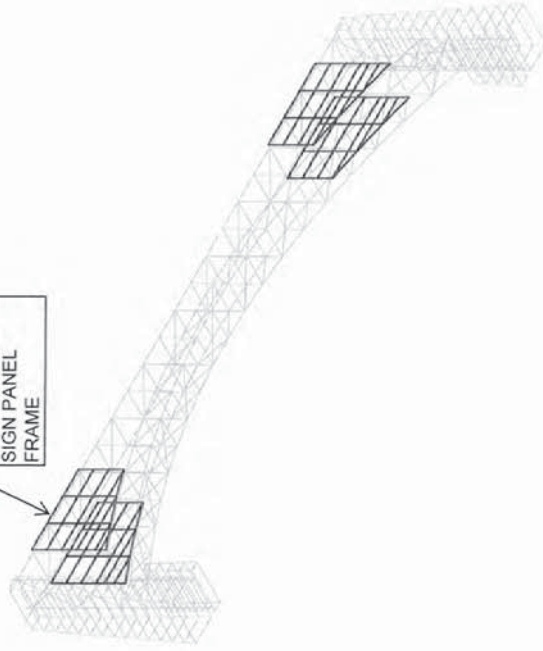
Envelope Only Solution



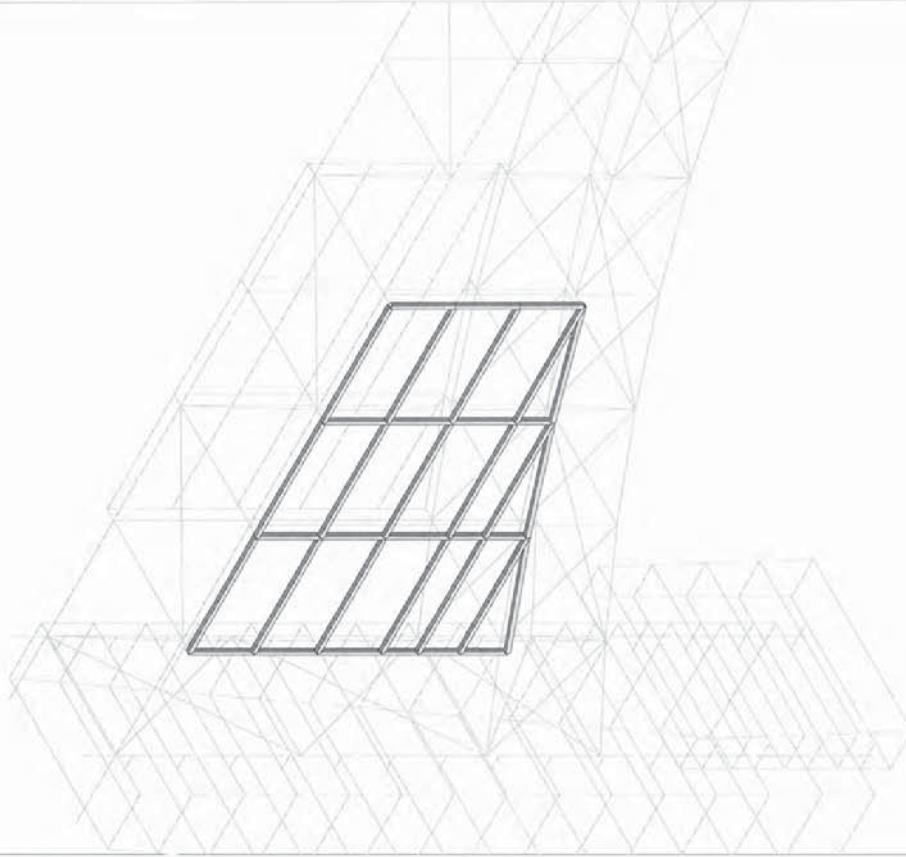
Envelope Only Solution



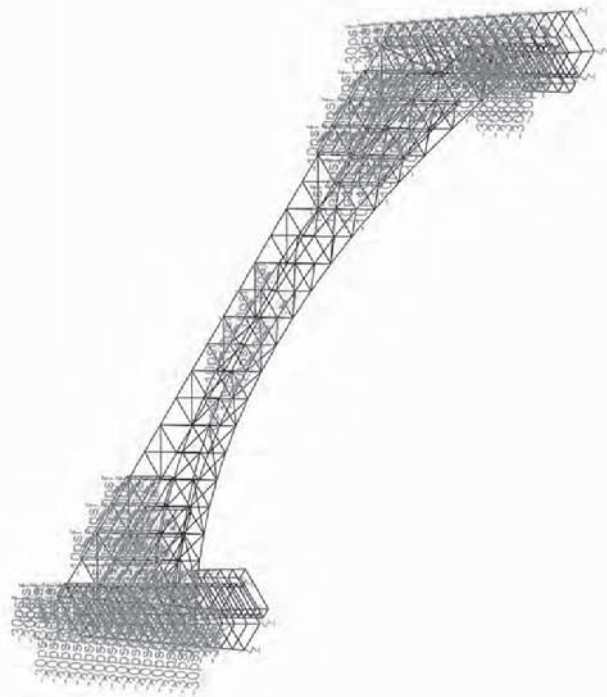
2X2X.125 HSS
SIGN PANEL
FRAME



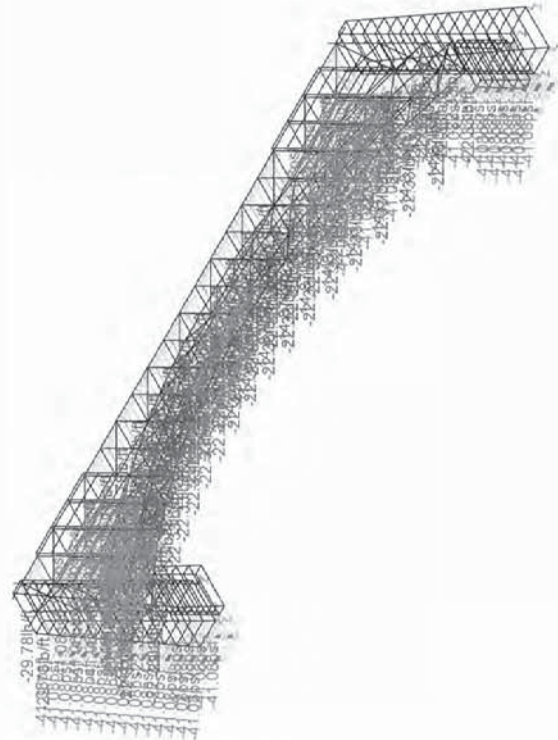
Envelope Only Solution



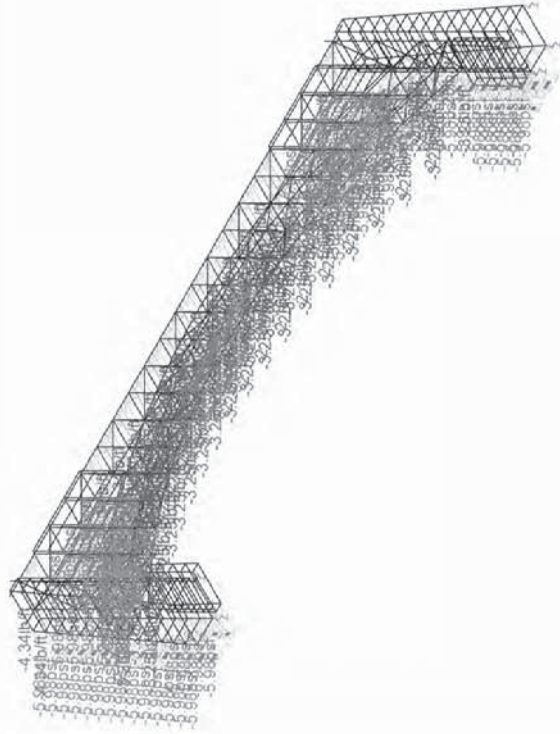
Envelope Only Solution



Loads: BLC 1, D
Envelope Only Solution



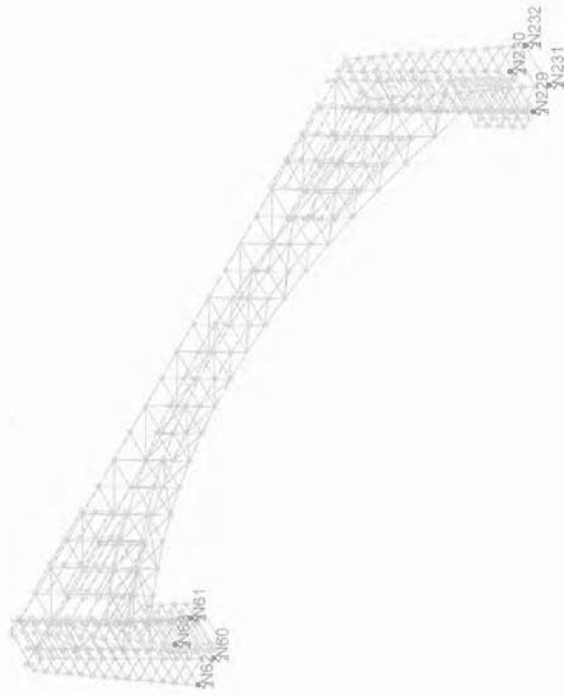
Loads: BLC 2, W
Envelope Only Solution



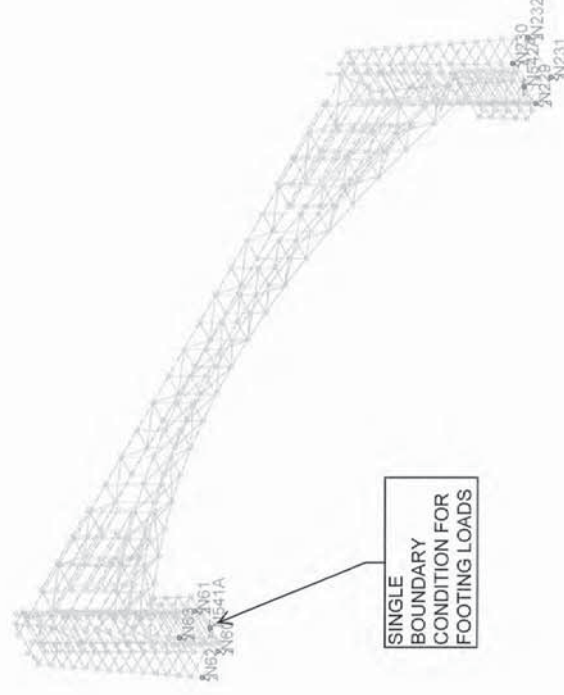
Loads: BLC 3, F
Envelope Only Solution



Envelope Only Solution



Envelope Only Solution



Envelope Only Solution

Hot Rolled Steel Properties

Label	E (ksi)	G (ksi)	Nu	Therm (1/E)	Density (pcf)	Yield (ksi)	Ry	Fu (ksi)	RL
1 A992	29000	11154	3	65	49	50	11	65	1.1
2 A36 Gr. 36	29000	11154	3	65	49	36	15	58	1.2
3 A572 Gr. 50	29000	11154	3	65	49	50	11	65	1.1
4 A500 Gr. B RND	29000	11154	3	65	527	42	14	58	1.3
5 A500 Gr. B Rect	29000	11154	3	65	527	46	14	58	1.3
6 A53 Gr. B	29000	11154	3	65	49	35	16	50	1.2
7 A1085	29000	11154	3	65	49	50	14	65	1.3

Hot Rolled Steel Section Sets

Label	Shape	Type	Design List	Material	Design R	A (in ²)	Iy (in ⁴)	Izz (in ⁴)	J (in ⁸)
1 8X8X.25 HSS	HSS8x8x.25	Beam	SquareTube	A500 Gr. B Rect	Typical	7.1	70.7	70.7	1.11
2 6X6X.25 HSS	HSS6x6x.25	Beam	SquareTube	A500 Gr. B Rect	Typical	5.24	28.6	28.6	45.6
3 4X4X.1875 HSS	HSS4x4x.1875	Beam	SquareTube	A500 Gr. B Rect	Typical	2.58	6.21	6.21	10
4 12X12X.375 TUBE	HSS12x12x.375	Beam	SquareTube	A500 Gr. B Rect	Typical	16	357	357	561
5 12X2X.1875	L2x2x.1875	Beam	Single Angle	A36 Gr. 36	Typical	7.22	271	271	1009
6 2X2X.188 HSS	HSS2x2x.188	Beam	SquareTube	A500 Gr. B Rect	Typical	1.18	641	641	1.09
7 12X6X.25 HSS	HSS12x6x.25	Beam	SquareTube	A500 Gr. B Rect	Typical	8.96	98.8	184	202

Basic Load Cases

BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed/Areal/Me	Surface
1 W	DL						180	
2 F	WL						200	
3 BLC 1 Transient Air	None						690	
5 BLC 2 Transient Air	None						417	
6 BLC 3 Transient Air	None						417	

Load Combinations

Description	So	Pdella	S	BLC Fac	BLC Fac	BLC Fac	BLC Fac	BLC Fac	BLC Fac	BLC Fac
1 D	Yes	Y	1	1	1	1	1	1	1	1
2 W	Yes	Y	2	1	1	1	1	1	1	1
3 F	Yes	Y	3	1	1	1	1	1	1	1
4 1.25D	Yes	Y	1	1.25	1	1	1	1	1	1
5 1.1D+1.0W	Yes	Y	1	1.1	2	1	1	1	1	1
6 0.9D+1.0W	Yes	Y	1	0.9	2	1	1	1	1	1
7 1.0D+1.0F	Yes	Y	1	1	3	1	1	1	1	1

Envelope Joint Reactions

Joint	X (k)	Y (k)	Z (k)	LC	MX (k-ft)	LC	MY (k-ft)	LC	MZ (k-ft)	LC
1 N7	max	9.395	4	19.433	5	87.944	2	-529	1	37.703
2 N7	min	-6.456	2	-85.862	2	316	1	-27	4	-19.587
3 N1	max	14.78	5	100.044	5	14.351	2	87.445	5	769
4 N1	min	966	3	12.038	3	-395	4	14	1	-19.132
5 N170	max	-966	3	100.034	5	14.351	2	87.445	5	768
6 N170	min	-14.78	5	12.038	3	-395	4	14	1	-19.132
7 N176	max	6.456	2	19.448	4	15.313	5	87.944	2	19.568
8 N176	min	-9.385	4	-85.863	2	316	1	-27	4	53
9 N62	max	0	1	5.008	4	0	1	0	1	0
10 N62	min	0	1	0	2	0	1	0	1	0
11 N63	max	0	1	5.679	5	0	1	0	1	0
12 N63	min	0	1	176	3	0	1	0	1	0
13 N60	max	0	1	612	4	0	1	0	1	0
14 N60	min	0	1	0	2	0	1	0	1	0

Envelope Joint Reactions (Continued)

Joint	X (k)	Y (k)	LC	Z (k)	LC	MX (k-ft)	LC	MY (k-ft)	LC	MZ (k-ft)	LC
14 N61	max	0	1	2.493	5	0	1	0	1	0	1
15 N61	min	0	1	2.493	5	0	1	0	1	0	1
16 N230	max	0	1	2.493	5	0	1	0	1	0	1
17 N230	min	0	1	2.493	5	0	1	0	1	0	1
18 N232	max	0	1	2.493	5	0	1	0	1	0	1
19 N232	min	0	1	2.493	5	0	1	0	1	0	1
20 N231	max	0	1	5.685	5	0	1	0	1	0	1
21 N231	min	0	1	5.685	5	0	1	0	1	0	1
22 N229	max	0	1	4.987	4	0	1	0	1	0	1
23 N229	min	0	1	4.987	4	0	1	0	1	0	1
24 Totals	max	0	5	100.282	4	56.553	6	4	1	0	1
25 Totals	min	0	3	0	3	0	4	1	0	1	1

Envelope AISC 14th(360-10): LRFD Steel Code Checks

Member	Shape	Lo	LC	Shear	Lo	LC	phi Pn	phi Pn	phi Mn	phi Mn	Eqn
1 M1	HSS12x12x6	827	0	5	173	0	2	5.862	3.562	4.223	27
2 M2	HSS12x12x6	000	0	4	000	0	2	5.862	3.562	4.223	27
3 M3	HSS12x12x6	428	0	5	177	0	2	5.862	3.562	4.223	27
4 M4	HSS12x12x6	072	0	5	043	0	2	5.862	3.562	4.223	27
5 M5	HSS12x12x6	041	0	5	043	0	2	5.862	3.562	4.223	27
6 M6	HSS12x12x6	628	0	2	180	0	2	5.862	3.562	4.223	27
7 M7	HSS12x12x6	000	0	4	000	0	2	5.862	3.562	4.223	27
8 M8	HSS12x12x6	274	0	2	111	0	2	5.862	3.562	4.223	27
9 M9	HSS12x12x6	062	0	2	043	0	2	5.862	3.562	4.223	27
10 M10	HSS12x12x6	036	0	2	043	0	2	5.862	3.562	4.223	27
11 M11	HSS12x12x6	153	0	5	097	0	2	5.862	3.562	4.223	27
12 M12	HSS8x8x4	281	0	5	218	0	2	5.862	3.562	4.223	27
13 M13	HSS8x8x4	532	0	5	492	0	2	5.862	3.562	4.223	27
14 M14	HSS8x8x4	078	63.5	5	048	0	2	5.862	3.562	4.223	27
15 M15	HSS4x4x3	082	53	5	004	0	2	5.862	3.562	4.223	27
16 M16	HSS4x4x3	078	53	5	003	53	5	5.862	3.562	4.223	27
17 M17	HSS4x4x3	243	41	2	015	0	2	5.862	3.562	4.223	27
18 M18	HSS4x4x3	410	53	2	045	0	2	5.862	3.562	4.223	27
19 M19	HSS4x4x3	079	53	2	010	0	2	5.862	3.562	4.223	27
20 M20	HSS4x4x3	076	53	2	009	0	2	5.862	3.562	4.223	27
21 M21	HSS4x4x3	105	0	5	008	0	2	5.862	3.562	4.223	27
22 M22	HSS4x4x3	103	0	5	008	0	2	5.862	3.562	4.223	27
23 M23	HSS4x4x3	125	0	2	009	0	2	5.862	3.562	4.223	27
24 M24	HSS4x4x3	123	0	2	003	53	5	5.862	3.562	4.223	27
25 M25	HSS4x4x3	456	0	5	029	0	2	5.862	3.562	4.223	27
26 M26	HSS4x4x3	257	0	5	019	41	2	5.862	3.562	4.223	27
27 M27	HSS12x12x6	600	0	2	182	0	2	5.862	3.562	4.223	27
28 M30	HSS12x12x6	791	0	5	175	0	2	5.862	3.562	4.223	27
29 M31	HSS12x12x6	409	0	2	180	0	2	5.862	3.562	4.223	27
30 M32	HSS12x12x6	231	0	2	181	0	2	5.862	3.562	4.223	27
31 M33	HSS12x12x6	420	24	2	182	0	2	5.862	3.562	4.223	27
32 M34	HSS12x12x6	534	24	2	189	0	2	5.862	3.562	4.223	27
33 M35	HSS12x12x6	247	0	5	173	0	2	5.862	3.562	4.223	27
34 M36	HSS12x12x6	286	0	5	173	0	2	5.862	3.562	4.223	27
35 M37	HSS12x12x6	363	24	5	173	0	2	5.862	3.562	4.223	27
36 M38	HSS12x12x6	619	24	5	177	0	2	5.862	3.562	4.223	27
37 M49	L2x2x3	471	13	5	064	0	2	5.862	3.562	4.223	27
38 M50	L2x2x3	453	0	5	022	0	2	5.862	3.562	4.223	27
39 M51	L2x2x3	565	0	5	075	0	2	5.862	3.562	4.223	27
40 M52	L2x2x3	556	13	4	080	13	2	5.862	3.562	4.223	27
41 M53	L2x2x3	420	0	5	019	0	2	5.862	3.562	4.223	27
42 M54	L2x2x3	697	0	5	094	0	2	5.862	3.562	4.223	27

Envelope AISC 14th(360-10): LRFD Steel Code Checks (Continued)

Member	Shape	Code Check	L _o	L _c	Shear	Lo	phi _P P	phi _T P	phi _T M _n	Eqn		
43	M55	2x2x3	13	4	074	13	2	421,604,23,393	558	1,239	H2	
44	M56	2x2x3	372	0	5	017	0	2	56,121,23,393	558	1,197	H2
45	M57	2x2x3	656	0	5	076	0	2	521,604,23,393	558	1,239	H2
46	M58	2x2x3	571	13	5	075	13	2	521,604,23,393	558	1,239	H2
47	M59	2x2x3	444	0	5	011	0	2	5,6,121,23,393	558	1,197	H2
48	M60	2x2x3	282	0	4	061	0	2	421,604,23,393	558	1,239	H2
49	M61	2x2x3	858	13	5	085	13	2	5,6,121,23,393	558	1,239	H2
50	M62	2x2x3	041	0	5	002	0	2	5,6,121,23,393	558	1,203	H2
51	M63	2x2x3	588	0	2	066	0	2	221,604,23,393	558	1,239	H2
52	M64	2x2x3	308	16	4	066	0	2	421,604,23,393	558	1,239	H2
53	M65	2x2x3	398	16	5	058	0	2	5,6,121,23,393	558	1,239	H2
54	M66	2x2x3	211	0	4	023	24	2	4,19,138,23,393	558	1,239	H2
55	M67	2x2x3	292	0	5	023	0	2	4,19,138,23,393	558	1,239	H2
56	M68	2x2x3	257	0	5	033	0	2	5,6,121,23,393	558	1,084	H2
57	M69	2x2x3	354	0	5	019	0	2	5,6,121,23,393	558	1,084	H2
58	M70	2x2x3	207	20	4	028	0	2	4,20,954,23,393	558	1,239	H2
59	M71	2x2x3	219	0	5	036	0	2	4,20,954,23,393	558	1,239	H2
60	M72	2x2x3	285	24	2	027	24	2	4,19,146,23,393	558	1,239	H2
61	M73	2x2x3	218	0	5	023	0	2	4,19,146,23,393	558	1,239	H2
62	M74	2x2x3	233	24	4	028	0	2	5,6,121,23,393	558	1,239	H2
63	M75	2x2x3	289	24	5	030	0	2	5,6,121,23,393	558	1,239	H2
64	M76	2x2x3	382	0	5	034	0	2	5,6,121,23,393	558	1,239	H2
65	M77	2x2x3	216	0	4	023	0	2	4,19,146,23,393	558	1,239	H2
66	M78	2x2x3	279	24	5	026	0	2	4,19,146,23,393	558	1,239	H2
67	M79	2x2x3	322	24	5	023	0	2	5,6,121,23,393	558	1,239	H2
68	M80	2x2x3	222	0	4	024	0	2	4,19,138,23,393	558	1,239	H2
69	M81	2x2x3	223	24	4	026	0	2	4,19,138,23,393	558	1,239	H2
70	M82	2x2x3	349	24	4	038	0	2	4,19,138,23,393	558	1,239	H2
71	M83	2x2x3	341	0	5	030	25	2	4,19,138,23,393	558	1,239	H2
72	M84	2x2x3	298	0	5	032	0	2	5,6,121,23,393	558	1,239	H2
73	M85	2x2x3	464	24	5	050	25	2	5,6,121,23,393	558	1,239	H2
74	M86	2x2x3	517	0	4	062	0	2	4,21,156,23,393	558	1,239	H2
75	M87	2x2x3	545	18	4	063	0	2	4,20,894,23,393	558	1,239	H2
76	M88	2x2x3	426	19	4	050	0	2	4,20,894,23,393	558	1,239	H2
77	M89	2x2x3	426	19	4	050	0	2	4,20,894,23,393	558	1,239	H2
78	M90	2x2x3	553	18	5	063	0	2	4,20,894,23,393	558	1,239	H2
79	M91	2x2x3	553	17	5	062	0	2	4,20,894,23,393	558	1,239	H2
80	M92	2x2x3	742	0	5	036	0	2	5,6,121,23,393	558	1,239	H2
81	M93	2x2x3	722	0	5	035	0	2	5,6,121,23,393	558	1,12	H2
82	M94	2x2x3	672	0	5	035	0	2	5,6,121,23,393	558	1,113	H2
83	M95	2x2x3	625	0	5	034	0	2	5,6,121,23,393	558	1,108	H2
84	M96	2x2x3	625	13	5	088	13	2	5,6,121,23,393	558	1,239	H2
85	M97	2x2x3	037	0	5	002	0	2	5,6,121,23,393	558	1,2	H2
86	M98	2x2x3	670	0	2	072	0	2	2,21,104,23,393	558	1,239	H2
87	M99	2x2x3	504	91	5	016	0	2	5,6,121,23,393	558	1,124	H2
88	M101	2x2x3	355	91	5	016	0	2	5,6,121,23,393	558	1,136	H2
89	M102	2x2x3	383	0	2	032	0	2	6,6,856,23,393	558	1,196	H2
90	M103	HSS12x12x6	641	2	5	178	0	2	2,682,3,662,4,223,27,223,27	223,27	H1-H	
91	M104	HSS12x12x6	433	2	2	186	0	2	5,569,2,662,4,223,27,223,27	223,27	H1-H	
92	M105	HSS12x12x6	255	0	5	177	0	2	5,561,2,662,4,223,27,223,27	223,27	H1-H	
93	M106	HSS12x12x6	087	0	5	179	0	2	5,569,2,662,4,223,27,223,27	223,27	H1-H	
94	M107	HSS12x12x6	168	0	2	113	0	2	2,661,2,662,4,223,27,223,27	223,27	H1-H	
95	M108	HSS12x12x6	065	0	5	116	0	2	2,661,2,662,4,223,27,223,27	223,27	H1-H	
96	M109	HSS12x12x6	080	0	5	042	0	2	2,651,2,662,4,223,27,223,27	223,27	H1-H	
97	M110	HSS12x12x6	082	0	2	044	0	2	2,651,2,662,4,223,27,223,27	223,27	H1-H	
98	M111	HSS12x12x6	049	0	5	043	0	2	2,651,2,662,4,223,27,223,27	223,27	H1-H	
99	M112	HSS12x12x6	048	0	5	044	0	2	2,651,2,662,4,223,27,223,27	223,27	H1-H	
100	M113	HSS12x12x6	041	0	2	045	0	2	2,651,2,662,4,223,27,223,27	223,27	H1-H	
101	M114	HSS12x12x6	031	0	2	046	0	2	2,651,2,662,4,223,27,223,27	223,27	H1-H	
100	M115	HSS12x12x6	036	0	5	043	0	2	2,651,2,662,4,223,27,223,27	223,27	H1-H	

Envelope AISC 14th(360-10): LRFD Steel Code Checks (Continued)

Member	Shape	LC	Shear	Lo	LC	Shear	Lo	ph_P	ph_P	ph_Min	ph_Min	Eqn	
102	M116	HS312x126	032	0	2	043	0	V	2,561.2	662.4	223.27	223.27	H1-1b
103	M117	HS312x126	029	24	5	044	0	V	2,561.2	662.4	223.27	223.27	H1-1b
104	M118	HS312x126	052	24	5	045	0	V	2,561.2	662.4	223.27	223.27	H1-1b
105	M119	HS312x126	025	24	5	046	0	V	2,561.2	662.4	223.27	223.27	H1-1b
106	M120	HS312x126	060	24	5	044	0	V	2,561.2	662.4	223.27	223.27	H1-1b
107	M121	HS312x126	060	24	5	045	0	V	2,561.2	662.4	223.27	223.27	H1-1b
108	M122	HS312x126	049	8	2	047	0	V	2,561.2	662.4	223.27	223.27	H1-1b
109	M123	12x2x3	420	0	2	021	13	V	4,21,904/23,393	558	1,239	558	H2-1
110	M124	12x2x3	190	63.5	2	011	0	V	5,61,121/23,393	558	1,185	1,185	H2-1
111	M125	2x2x3	545	5	5	030	0	V	2,21,904/23,393	558	1,239	558	H2-1
112	M128	12x2x3	658	13	5	076	0	V	5,61,904/23,393	558	1,239	558	H2-1
113	M129	12x2x3	267	0	5	015	0	V	5,61,121/23,393	558	1,194	1,194	H2-1
114	M130	12x2x3	649	13	5	057	0	V	5,21,904/23,393	558	1,239	558	H2-1
115	M133	12x2x3	829	13	5	098	0	V	5,21,904/23,393	558	1,239	558	H2-1
116	M134	12x2x3	280	0	5	015	0	V	5,61,121/23,393	558	1,192	1,192	H2-1
117	M135	12x2x3	670	13	5	074	0	V	5,21,904/23,393	558	1,239	558	H2-1
118	M138	12x2x3	718	13	5	083	0	V	5,21,904/23,393	558	1,239	558	H2-1
119	M139	12x2x3	259	0	5	012	0	V	5,61,121/23,393	558	1,185	1,185	H2-1
120	M140	12x2x3	635	0	5	073	0	V	5,21,904/23,393	558	1,239	558	H2-1
121	M143	12x2x3	421	13	5	048	0	V	2,21,904/23,393	558	1,239	558	H2-1
122	M144	12x2x3	167	0	5	006	0	V	5,61,121/23,393	558	1,151	1,151	H2-1
123	M145	12x2x3	553	13	5	056	0	V	5,21,904/23,393	558	1,239	558	H2-1
124	M148	12x2x3	404	13	5	038	13	V	4,21,904/23,393	558	1,239	558	H2-1
125	M149	12x2x3	083	0	5	002	0	V	5,61,121/23,393	558	1,143	1,143	H2-1
126	M150	12x2x3	453	13	5	040	0	V	5,21,904/23,393	558	1,239	558	H2-1
127	M153	12x2x3	360	13	5	046	13	V	4,21,904/23,393	558	1,239	558	H2-1
128	M154	12x2x3	069	0	5	002	0	V	5,61,121/23,393	558	1,239	558	H2-1
129	M155	12x2x3	441	13	5	045	0	V	4,21,904/23,393	558	1,239	558	H2-1
130	M158	12x2x3	336	13	4	047	13	V	4,21,904/23,393	558	1,239	558	H2-1
131	M159	12x2x3	075	0	5	002	0	V	5,61,121/23,393	558	1,231	1,231	H2-1
132	M160	12x2x3	443	13	5	048	0	V	5,21,904/23,393	558	1,239	558	H2-1
133	M163	12x2x3	335	13	5	047	13	V	4,21,904/23,393	558	1,239	558	H2-1
134	M164	12x2x3	080	0	5	003	0	V	5,61,121/23,393	558	1,122	1,122	H2-1
135	M165	12x2x3	436	13	5	055	0	V	5,21,904/23,393	558	1,239	558	H2-1
136	M168	12x2x3	335	13	4	047	13	V	4,21,904/23,393	558	1,239	558	H2-1
137	M169	12x2x3	053	0	5	003	0	V	5,61,121/23,393	558	1,219	1,219	H2-1
138	M170	12x2x3	442	13	5	059	0	V	5,21,904/23,393	558	1,239	558	H2-1
139	M173	12x2x3	344	13	4	051	13	V	4,21,904/23,393	558	1,239	558	H2-1
140	M174	12x2x3	048	0	5	003	0	V	5,61,121/23,393	558	1,227	1,227	H2-1
141	M175	12x2x3	486	13	5	055	0	V	5,21,904/23,393	558	1,239	558	H2-1
142	M178	12x2x3	348	13	4	051	13	V	4,21,904/23,393	558	1,239	558	H2-1
143	M179	12x2x3	038	0	5	003	0	V	5,61,121/23,393	558	1,239	558	H2-1
144	M180	12x2x3	509	13	5	055	0	V	5,21,904/23,393	558	1,239	558	H2-1
145	M183	12x2x3	355	13	4	065	13	V	4,21,904/23,393	558	1,239	558	H2-1
146	M184	12x2x3	026	0	5	003	0	V	5,61,121/23,393	558	1,226	1,226	H2-1
147	M185	12x2x3	520	13	5	075	0	V	5,21,904/23,393	558	1,239	558	H2-1
148	M188	12x2x3	490	13	4	076	0	V	4,21,904/23,393	558	1,239	558	H2-1
149	M189	12x2x3	208	0	4	019	0	V	2,561,121/23,393	558	1,205	1,205	H2-1
150	M190	12x2x3	736	0	5	096	0	V	5,21,904/23,393	558	1,239	558	H2-1
151	M193	12x2x3	627	13	4	032	0	V	4,21,904/23,393	558	1,239	558	H2-1
152	M194	12x2x3	511	33	4	032	63.5	V	4,61,121/23,393	558	1,032	1,032	H2-1
153	M195	12x2x3	657	13	4	038	13	V	4,21,904/23,393	558	1,239	558	H2-1
154	M196	12x2x3	386	0	4	047	0	V	4,17,489/23,393	558	1,239	558	H2-1
155	M187	12x2x3	543	0	5	052	0	V	5,17,489/23,393	558	1,239	558	H2-1
156	M188	12x2x3	657	0	5	027	0	V	5,19,112/23,393	558	1,239	558	H2-1
157	M189	12x2x3	589	24	4	026	0	V	4,19,112/23,393	558	1,239	558	H2-1
158	M200	12x2x3	542	0	5	036	0	V	5,19,145/23,393	558	1,239	558	H2-1
159	M201	12x2x3	344	0	2	017	0	V	2,19,145/23,393	558	1,239	558	H2-1
160	M202	12x2x3	269	0	5	021	0	V	2,19,145/23,393	558	1,239	558	H2-1

Envelope AISC 14th(360-10): LRFD Steel Code Checks (Continued)

Member	Shape	Code Check	to	LC	Shear	to	Lo	phiP	phiT	phiP	phiT	phiMin	phiMax	Eqn
279	M325	HSS12x12x6	0	2	180	0	0	0	0	0	0	0	0	H1-1b
280	M325	HSS12x12x6	231	0	2	181	0	0	0	0	0	0	0	H1-1b
281	M326	HSS12x12x6	240	24	182	0	0	0	0	0	0	0	0	H1-1b
282	M326	HSS12x12x6	420	24	2	189	0	0	0	0	0	0	0	H1-1b
283	M329	HSS12x12x6	534	0	5	173	0	0	0	0	0	0	0	H1-1b
284	M330	HSS12x12x6	286	24	5	173	0	0	0	0	0	0	0	H1-1b
285	M331	HSS12x12x6	363	24	5	177	0	0	0	0	0	0	0	H1-1b
286	M332	HSS12x12x6	619	24	5	177	0	0	0	0	0	0	0	H1-1b
287	M343	12x2x3	473	13	5	054	0	0	0	0	0	0	0	H2-1
288	M344	12x2x3	451	0	5	022	0	0	0	0	0	0	0	H2-1
289	M345	12x2x3	585	0	5	075	0	0	0	0	0	0	0	H2-1
290	M345	12x2x3	556	13	4	080	13	0	0	0	0	0	0	H2-1
291	M347	12x2x3	420	0	5	019	0	0	0	0	0	0	0	H2-1
292	M348	12x2x3	697	0	5	084	0	0	0	0	0	0	0	H2-1
293	M349	12x2x3	560	13	4	074	13	0	0	0	0	0	0	H2-1
294	M350	12x2x3	372	0	5	077	0	0	0	0	0	0	0	H2-1
295	M351	12x2x3	575	0	5	076	0	0	0	0	0	0	0	H2-1
296	M352	12x2x3	651	13	5	075	13	0	0	0	0	0	0	H2-1
297	M353	12x2x3	244	0	5	011	0	0	0	0	0	0	0	H2-1
298	M354	12x2x3	882	0	5	061	0	0	0	0	0	0	0	H2-1
299	M355	12x2x3	895	13	5	085	13	0	0	0	0	0	0	H2-1
300	M355	12x2x3	041	0	5	002	0	0	0	0	0	0	0	H2-1
301	M357	12x2x3	588	0	2	066	0	0	0	0	0	0	0	H2-1
302	M358	12x2x3	305	16	4	056	0	0	0	0	0	0	0	H2-1
303	M358	12x2x3	396	16	4	058	0	0	0	0	0	0	0	H2-1
304	M360	12x2x3	291	0	4	022	24	0	0	0	0	0	0	H2-1
305	M361	12x2x3	705	0	5	022	0	0	0	0	0	0	0	H2-1
306	M362	12x2x3	354	0	5	019	0	0	0	0	0	0	0	H2-1
307	M363	12x2x3	207	20	4	028	0	0	0	0	0	0	0	H2-1
308	M365	12x2x3	219	0	5	036	0	0	0	0	0	0	0	H2-1
309	M365	12x2x3	285	24	2	027	24	0	0	0	0	0	0	H2-1
310	M367	12x2x3	218	0	5	023	0	0	0	0	0	0	0	H2-1
311	M367	12x2x3	233	24	4	028	0	0	0	0	0	0	0	H2-1
312	M368	12x2x3	259	24	5	030	0	0	0	0	0	0	0	H2-1
313	M369	12x2x3	382	0	4	023	0	0	0	0	0	0	0	H2-1
314	M370	12x2x3	216	0	4	023	0	0	0	0	0	0	0	H2-1
315	M371	2x2x3	279	24	5	026	0	0	0	0	0	0	0	H2-1
316	M372	2x2x3	322	24	5	023	0	0	0	0	0	0	0	H2-1
317	M373	12x2x3	222	0	4	023	0	0	0	0	0	0	0	H2-1
318	M374	12x2x3	223	24	4	026	0	0	0	0	0	0	0	H2-1
319	M375	12x2x3	349	24	4	038	0	0	0	0	0	0	0	H2-1
320	M376	12x2x3	281	0	5	030	0	0	0	0	0	0	0	H2-1
321	M377	12x2x3	349	24	5	032	24	0	0	0	0	0	0	H2-1
322	M378	2x2x3	299	0	5	032	0	0	0	0	0	0	0	H2-1
323	M379	12x2x3	464	24	5	050	15	0	0	0	0	0	0	H2-1
324	M380	12x2x3	517	0	4	062	0	0	0	0	0	0	0	H2-1
325	M381	2x2x3	545	18	4	063	0	0	0	0	0	0	0	H2-1
326	M382	12x2x3	426	19	4	050	0	0	0	0	0	0	0	H2-1
327	M383	12x2x3	426	19	4	050	0	0	0	0	0	0	0	H2-1
328	M384	12x2x3	553	18	5	063	0	0	0	0	0	0	0	H2-1
329	M385	12x2x3	543	17	5	062	0	0	0	0	0	0	0	H2-1
330	M385	12x2x3	742	0	5	036	0	0	0	0	0	0	0	H2-1
331	M387	2x2x3	722	0	5	035	0	0	0	0	0	0	0	H2-1
332	M388	2x2x3	672	0	5	034	0	0	0	0	0	0	0	H2-1
333	M389	12x2x3	626	13	5	088	13	0	0	0	0	0	0	H2-1
334	M390	12x2x3	037	0	5	002	0	0	0	0	0	0	0	H2-1
335	M391	12x2x3	630	0	2	072	0	0	0	0	0	0	0	H2-1
336	M394	12x2x3	504	0	5	027	60	0	0	0	0	0	0	H2-1
337	M395	12x2x3	355	9	5	016	0	0	0	0	0	0	0	H2-1

Envelope AISC 14th(360-10): LRFD Steel Code Checks (Continued)

[illegible]

Envelope AISC 14th(360-10): LRFD Steel Code Checks (Continued)

Member	Shape	Code Check	L _o	LC	Shear _o	L _o	LC	Shear _o	ph _o /Min	ph _o /Min	ph _o /Min	ph _o /Min
397	M479	12x23	13	5	075	0	2	519	558	1239	558	1239
398	M482	12x23	13	4	075	0	2	519	558	1239	558	1239
399	M483	12x23	63	5	097	0	5	615	558	1239	558	1239
400	M484	12x23	735	0	037	0	4	038	558	1239	558	1239
401	M487	12x23	657	0	037	0	4	038	558	1239	558	1239
402	M488	12x23	511	0	032	0	4	032	558	1239	558	1239
403	M489	12x23	627	13	4	033	13	4	558	1239	558	1239
404	M490	12x23	389	0	049	0	4	049	558	1239	558	1239
405	M491	12x23	540	0	049	0	5	049	558	1239	558	1239
406	M492	12x23	658	0	052	0	5	052	558	1239	558	1239
407	M493	12x23	568	24	4	026	0	4	558	1239	558	1239
408	M494	12x23	542	0	036	0	5	036	558	1239	558	1239
409	M495	12x23	344	0	021	0	2	017	558	1239	558	1239
410	M496	12x23	269	0	051	0	5	051	558	1239	558	1239
411	M497	12x23	271	24	5	021	0	2	558	1239	558	1239
412	M498	12x23	206	24	2	018	0	2	558	1239	558	1239
413	M499	12x23	195	0	018	0	4	018	558	1239	558	1239
414	M500	12x23	189	0	020	0	5	020	558	1239	558	1239
415	M501	12x23	180	0	018	0	4	018	558	1239	558	1239
416	M502	12x23	180	24	4	018	0	4	558	1239	558	1239
417	M503	12x23	156	0	018	0	4	018	558	1239	558	1239
418	M504	12x23	232	24	4	020	0	4	558	1239	558	1239
419	M505	12x23	256	24	4	023	0	4	558	1239	558	1239
420	M506	12x23	292	24	4	025	0	4	558	1239	558	1239
421	M507	12x23	385	24	4	028	0	4	558	1239	558	1239
422	M510	12x23	527	0	039	0	2	039	558	1239	558	1239
423	M511	12x23	344	0	028	0	5	028	558	1239	558	1239
424	M512	12x23	280	24	5	028	0	5	558	1239	558	1239
425	M513	12x23	250	24	5	028	0	5	558	1239	558	1239
426	M514	12x23	269	24	5	027	0	5	558	1239	558	1239
427	M515	12x23	279	24	5	026	0	5	558	1239	558	1239
428	M516	12x23	284	24	5	024	24	2	558	1239	558	1239
429	M517	12x23	287	24	5	025	0	5	558	1239	558	1239
430	M518	12x23	294	24	5	027	0	5	558	1239	558	1239
431	M519	12x23	297	24	5	026	0	5	558	1239	558	1239
432	M520	12x23	317	24	5	027	125	0	558	1239	558	1239
433	M521	12x23	346	24	5	032	0	5	558	1239	558	1239

Envelope AISC 14th(360-10): LRFD Steel Code Checks (Continued)

Member	Shape	Code Check		Lo	LC	Shear	Lo	Lo		phiPr	phiPr	phi	phi	Mn		
456	M544	12x2x3	309	0	4	025	24	5	15	119	123	393	558	1	239	
457	M545	12x2x3	284	0	4	026	24	5	16	119	123	393	558	1	239	
458	M546	12x2x3	245	0	4	026	0	4	026	0	5	16	112	233	558	
459	M547	12x2x3	262	0	4	026	0	4	026	0	5	16	112	233	558	
460	M548	12x2x3	328	24	5	031	0	5	15	119	123	393	558	1	239	
461	M549	12x2x3	447	24	4	052	10	4	16	112	233	393	558	1	239	
462	M550	12x2x3	634	0	4	031	0	4	031	0	5	15	121	233	558	
463	M551	12x2x3	626	0	4	031	0	4	031	0	5	15	121	233	558	
464	M552	12x2x3	628	0	4	031	0	4	031	0	5	15	121	233	558	
465	M553	12x2x3	628	0	4	031	0	4	031	0	5	15	121	233	558	
466	M554	12x2x3	630	91	4	031	91	4	031	91	4	2	981	233	558	
467	M555	12x2x3	634	91	4	031	91	4	031	91	4	2	981	233	558	
468	M556	12x2x3	634	91	4	031	91	4	031	91	4	2	981	233	558	
469	M557	12x2x3	635	91	4	031	91	4	031	91	4	2	981	233	558	
470	M558	12x2x3	635	91	4	031	91	4	031	91	4	2	981	233	558	
471	M559	12x2x3	638	91	4	031	91	4	031	91	4	2	981	233	558	
472	M560	12x2x3	638	91	4	031	91	4	031	91	4	2	981	233	558	
473	M561	12x2x3	637	91	4	031	91	4	031	91	4	2	981	233	558	
474	M562	12x2x3	674	91	4	034	91	4	042	981	233	393	558	1	002	
475	M563	12x2x3	569	0	4	046	0	4	046	0	4	16	907	233	558	
476	M564	12x2x3	576	0	4	046	0	4	046	0	4	16	907	233	558	
477	M565	12x2x3	544	0	4	044	0	4	044	0	4	15	036	233	558	
478	M566	12x2x3	461	0	4	031	0	4	031	0	4	14	208	233	558	
479	M567	12x2x3	447	0	4	030	0	4	030	0	4	13	381	233	558	
480	M568	12x2x3	428	0	4	030	0	4	030	0	4	12	588	233	558	
481	M569	12x2x3	405	0	4	027	0	4	027	0	4	11	746	233	558	
482	M570	12x2x3	362	0	4	024	0	4	024	0	4	10	949	233	558	
483	M571	12x2x3	342	0	4	034	48	5	15	117	233	393	558	1	239	
484	M572	12x2x3	321	51	5	040	51	5	040	51	5	9	417	233	558	
485	M573	12x2x3	401	53	5	044	53	5	044	53	5	8	680	233	558	
486	M574	12x2x3	397	55	2	043	55	2	043	55	2	7	892	233	558	
487	M575	12x2x3	453	0	5	039	57	5	039	57	5	7	397	233	558	
488	M576	12x2x3	587	0	5	058	0	5	058	0	5	16	907	233	558	
489	M577	12x2x3	678	0	5	056	0	5	056	0	5	15	858	233	558	
490	M578	12x2x3	616	0	5	053	0	5	053	0	5	15	036	233	558	
491	M579	12x2x3	547	0	5	040	0	5	040	0	5	14	208	233	558	
492	M580	12x2x3	506	0	5	038	0	5	038	0	5	13	381	233	558	
493	M581	12x2x3	463	0	5	036	0	5	036	0	5	12	558	233	558	
494	M582	12x2x3	420	0	5	034	0	5	034	0	5	11	746	233	558	
495	M583	12x2x3	384	0	5	032	0	5	032	0	5	10	949	233	558	
496	M584	12x2x3	406	0	5	042	0	5	042	0	5	16	1017	233	558	
497	M585	12x2x3	445	0	2	045	0	2	045	0	2	8	659	233	558	
498	M586	12x2x3	494	0	2	047	0	2	047	0	2	6	1017	233	558	
499	M587	12x2x3	536	0	2	049	0	2	049	0	2	5	2	869	233	558
500	M588	12x2x3	584	0	2	047	0	2	047	0	2	5	2	869	233	558
501	M591	HSS60x64	116	0	5	032	98	3	2	206	4	216	9	38	64	
502	M592	HSS60x64	038	0	4	032	95	2	2	206	4	216	9	38	64	
503	M593	HSS60x64	033	0	2	027	84	2	2	206	4	216	9	38	64	
504	M594	HSS60x64	058	0	5	029	83	3	3	206	4	216	9	38	64	
505	M595	HSS60x64	076	0	5	031	82	3	3	206	4	216	9	38	64	
506	M596	HSS60x64	084	0	5	027	82	3	3	206	4	216	9	38	64	
507	M597	HSS60x64	120	0	5	025	61	3	3	206	4	216	9	38	64	
508	M598	HSS60x64	131	14	5	014	0	5	014	0	5	207	0	216	9	
509	M599	HSS60x64	259	0	5	010	51	3	3	207	4	216	9	38	64	
510	M601	HSS60x64	116	0	5	032	96	3	3	206	4	216	9	38	64	
511	M602	HSS60x64	038	0	4	032	95	2	2	206	4	216	9	38	64	
512	M603	HSS60x64	033	0	2	027	84	2	2	206	4	216	9	38	64	
513	M604	HSS60x64	058	0	5	029	83	3	3	206	4	216	9	38	64	
514	M605	HSS60x64	076	0	5	031	82	3	3	206	4	216	9	38	64	

Envelope AISC 14th(360-10): LRFD Steel Code Checks (Continued)

Member	Shape	Code Check	Lo.	LC	Shear	Lo.	LC	phiPr	phiPr	phiMin	phiMin	Ecc
515	M606	HS56x64	0	5	027	62	V	5.200	2.169	38.64	38.64	H1-16
516	M607	HS56x64	134	0	5	025	V	5.207	2.169	38.64	38.64	H1-16
517	M608	HS56x64	131	0	5	014	V	5.207	2.169	38.64	38.64	H1-16
518	M609A	HS56x64	259	0	5	010	61	V	2.070	2.169	38.64	38.64
519	M811	HS56x64	068	0	4	034	0	5.205	2.169	38.64	38.64	H1-16
520	M812	HS56x64	040	0	4	032	65	5.205	2.169	38.64	38.64	H1-16
521	M813	HS56x64	072	0	5	028	0	5.206	2.169	38.64	38.64	H1-16
522	M814	HS56x64	059	0	2	032	0	5.206	2.169	38.64	38.64	H1-16
523	M815	HS56x64	096	0	2	031	0	5.206	2.169	38.64	38.64	H1-16
524	M816	HS56x64	102	0	2	029	0	5.206	2.169	38.64	38.64	H1-16
525	M817	HS56x64	138	0	2	024	0	5.207	2.169	38.64	38.64	H1-16
526	M818	HS56x64	150	0	2	015	0	5.207	2.169	38.64	38.64	H1-16
527	M619	HS56x64	179	0	2	009	0	5.207	2.169	38.64	38.64	H1-16
528	M620	HS56x64	069	0	4	034	0	5.205	2.169	38.64	38.64	H1-16
529	M621	HS56x64	040	0	4	032	65	5.205	2.169	38.64	38.64	H1-16
530	M622	HS56x64	072	0	5	028	0	5.206	2.169	38.64	38.64	H1-16
531	M623	HS56x64	059	0	2	032	0	5.206	2.169	38.64	38.64	H1-16
532	M624	HS56x64	096	0	2	031	0	5.206	2.169	38.64	38.64	H1-16
533	M625	HS56x64	102	0	2	029	0	5.206	2.169	38.64	38.64	H1-16
534	M626	HS56x64	138	0	2	024	0	5.207	2.169	38.64	38.64	H1-16
535	M627	HS56x64	150	0	2	015	0	5.207	2.169	38.64	38.64	H1-16
536	M628	HS56x64	179	0	2	009	0	5.207	2.169	38.64	38.64	H1-16
537	M631	HS54x43	167	0	5	048	0	5.102	1.068	12.662	12.662	H1-16
538	M632	HS54x43	124	40	5	044	0	5.102	1.068	12.662	12.662	H1-16
539	M633	HS54x43	075	0	2	035	0	5.102	1.068	12.662	12.662	H1-16
540	M634	HS54x43	042	40	5	033	0	5.102	1.068	12.662	12.662	H1-16
541	M635	HS54x43	057	0	2	032	0	5.102	1.068	12.662	12.662	H1-16
542	M636	HS54x43	077	40	5	034	40	5.102	1.068	12.662	12.662	H1-16
543	M637	HS54x43	084	0	5	034	40	5.102	1.068	12.662	12.662	H1-16
544	M638	HS54x43	079	40	2	028	0	5.102	1.068	12.662	12.662	H1-16
545	M639	HS54x43	052	40	5	017	40	5.102	1.068	12.662	12.662	H1-16
546	M640	HS54x43	027	0	5	006	0	5.102	1.068	12.662	12.662	H1-16
547	M641	HS54x43	052	40	5	017	40	5.102	1.068	12.662	12.662	H1-16
548	M642	HS54x43	079	40	2	028	0	5.102	1.068	12.662	12.662	H1-16
549	M643	HS54x43	084	0	5	034	40	5.102	1.068	12.662	12.662	H1-16
550	M644	HS54x43	077	40	5	034	40	5.102	1.068	12.662	12.662	H1-16
551	M645	HS54x43	057	0	2	032	0	5.102	1.068	12.662	12.662	H1-16
552	M646	HS54x43	042	40	5	033	0	5.102	1.068	12.662	12.662	H1-16
553	M647	HS54x43	076	0	2	035	0	5.102	1.068	12.662	12.662	H1-16
554	M648	HS54x43	124	40	5	044	0	5.102	1.068	12.662	12.662	H1-16
555	M649	HS54x43	167	0	5	048	0	5.102	1.068	12.662	12.662	H1-16
556	M650	HS58x84	104	61.2	2	036	0	2.266	2.93	94.66	288.66	H1-16
557	M651	HS58x84	125	61.2	2	047	0	2.266	2.93	94.66	288.66	H1-16
558	M652	HS58x84	184	0	5	050	0	2.266	2.93	94.66	288.66	H1-16
559	M653	HS58x84	197	0	5	052	0	2.266	2.93	94.66	288.66	H1-16
560	M654	HS58x84	322	61.2	2	048	0	2.266	2.93	94.66	288.66	H1-16
561	M655	HS58x84	316	61.2	2	045	0	2.266	2.93	94.66	288.66	H1-16
562	M656	HS58x84	335	61.2	5	033	0	2.266	2.93	94.66	288.66	H1-16
563	M657	HS58x84	325	0	5	021	0	2.266	2.93	94.66	288.66	H1-16
564	M658	HS58x84	346	61.2	5	028	0	2.266	2.93	94.66	288.66	H1-16
565	M659	HS58x84	346	0	5	008	0	2.266	2.93	94.66	288.66	H1-16
566	M660	HS58x84	325	61.2	5	021	0	2.266	2.93	94.66	288.66	H1-16
567	M661	HS58x84	335	61.2	5	028	0	2.266	2.93	94.66	288.66	H1-16
568	M662	HS58x84	316	0	2	045	0	2.266	2.93	94.66	288.66	H1-16
569	M663	HS58x84	322	0	2	048	0	2.266	2.93	94.66	288.66	H1-16
570	M664	HS58x84	197	0	5	052	0	2.266	2.93	94.66	288.66	H1-16
571	M665	HS58x84	184	0	5	050	0	2.266	2.93	94.66	288.66	H1-16
572	M666	HS58x84	125	61.2	2	047	0	2.266	2.93	94.66	288.66	H1-16
573	M667	HS58x84	104	2	2	036	0	2.266	2.93	94.66	288.66	H1-16

Envelope AISC 14th(360-10): LRFD Steel Code Checks (Continued)

[illegible]

Envelope AISI 14th(360-10): LRFD Steel Code Checks (Continued)

Member	Shape	Code Check	Lo	LC	Shear	Lo	LC	phi _t P _n	phi _t M _n	phi _t M _n	phi _t M _n	Eon
633	M733	HSS4x4x3	107	0	5	028	0	2.102	1.068	12.662	12.662	H1-H1
634	M734	HSS4x4x3	106	5	025	40	0	2.102	1.068	12.662	12.662	H1-H1
635	M735	HSS4x4x3	100	40	0	022	40	2.102	1.068	12.662	12.662	H1-H1
636	M736	HSS4x4x3	079	40	0	024	40	2.102	1.068	12.662	12.662	H1-H1
637	M737	HSS4x4x3	016	40	0	004	0	2.102	1.068	12.662	12.662	H1-H1
638	M738	HSS4x4x3	016	40	0	024	40	2.102	1.068	12.662	12.662	H1-H1
639	M739	HSS4x4x3	106	40	0	022	40	2.102	1.068	12.662	12.662	H1-H1
640	M740	HSS4x4x3	106	40	0	025	40	2.102	1.068	12.662	12.662	H1-H1
641	M741	HSS4x4x3	107	40	0	028	40	2.102	1.068	12.662	12.662	H1-H1
642	M742	HSS4x4x3	115	0	029	40	0	2.102	1.068	12.662	12.662	H1-H1
643	M743	HSS4x4x3	173	40	0	034	40	2.102	1.068	12.662	12.662	H1-H1
644	M744	HSS4x4x3	151	0	038	40	0	2.102	1.068	12.662	12.662	H1-H1
645	M745	HSS4x4x3	149	40	0	035	40	2.102	1.068	12.662	12.662	H1-H1
646	M746	HSS4x4x3	109	0	039	0	2.102	1.068	12.662	12.662	12.662	H1-H1
647	M747	HSS4x4x3	136	0	009	0	2.102	1.068	12.662	12.662	12.662	H1-H1
648	M748	HSS4x4x3	129	0	012	0	2.102	1.068	12.662	12.662	12.662	H1-H1
649	M749	HSS4x4x3	124	0	015	0	2.102	1.068	12.662	12.662	12.662	H1-H1
650	M750	HSS4x4x3	124	0	018	0	2.102	1.068	12.662	12.662	12.662	H1-H1
651	M751	HSS4x4x3	096	0	018	0	2.102	1.068	12.662	12.662	12.662	H1-H1
652	M752	HSS4x4x3	085	0	015	0	2.102	1.068	12.662	12.662	12.662	H1-H1
653	M753	HSS4x4x3	073	0	013	0	2.102	1.068	12.662	12.662	12.662	H1-H1
654	M754	HSS4x4x3	060	0	009	0	2.102	1.068	12.662	12.662	12.662	H1-H1
655	M755	HSS4x4x3	035	0	006	0	2.102	1.068	12.662	12.662	12.662	H1-H1
656	M756	HSS4x4x3	035	0	006	0	2.102	1.068	12.662	12.662	12.662	H1-H1
657	M757	HSS4x4x3	060	0	009	0	2.102	1.068	12.662	12.662	12.662	H1-H1
658	M758	HSS4x4x3	073	0	013	0	2.102	1.068	12.662	12.662	12.662	H1-H1
659	M759	HSS4x4x3	085	0	015	0	2.102	1.068	12.662	12.662	12.662	H1-H1
660	M760	HSS4x4x3	096	0	018	0	2.102	1.068	12.662	12.662	12.662	H1-H1
661	M761	HSS4x4x3	124	0	015	0	2.102	1.068	12.662	12.662	12.662	H1-H1
662	M762	HSS4x4x3	129	0	018	0	2.102	1.068	12.662	12.662	12.662	H1-H1
663	M763	HSS4x4x3	136	0	012	0	2.102	1.068	12.662	12.662	12.662	H1-H1
664	M764	HSS4x4x3	136	0	012	0	2.102	1.068	12.662	12.662	12.662	H1-H1
665	M765	HSS4x4x3	102	0	012	0	2.102	1.068	12.662	12.662	12.662	H1-H1
666	M766	HSS4x4x3	105	0	008	0	2.102	1.068	12.662	12.662	12.662	H1-H1
667	M767	HSS4x4x3	058	0	007	0	2.102	1.068	12.662	12.662	12.662	H1-H1
668	M768	HSS4x4x3	063	0	010	0	2.102	1.068	12.662	12.662	12.662	H1-H1
669	M769	HSS4x4x3	066	0	010	0	2.102	1.068	12.662	12.662	12.662	H1-H1
670	M770	HSS4x4x3	069	0	008	0	2.102	1.068	12.662	12.662	12.662	H1-H1
671	M771	HSS4x4x3	073	0	010	0	2.102	1.068	12.662	12.662	12.662	H1-H1
672	M772	HSS4x4x3	059	0	008	0	2.102	1.068	12.662	12.662	12.662	H1-H1
673	M773	HSS4x4x3	037	0	004	0	2.102	1.068	12.662	12.662	12.662	H1-H1
674	M774	HSS4x4x3	037	0	004	0	2.102	1.068	12.662	12.662	12.662	H1-H1
675	M775	HSS4x4x3	059	0	005	0	2.102	1.068	12.662	12.662	12.662	H1-H1
676	M776	HSS4x4x3	073	0	010	0	2.102	1.068	12.662	12.662	12.662	H1-H1
677	M777	HSS4x4x3	069	0	008	0	2.102	1.068	12.662	12.662	12.662	H1-H1
678	M778	HSS4x4x3	066	0	010	0	2.102	1.068	12.662	12.662	12.662	H1-H1
679	M779	HSS4x4x3	063	0	007	0	2.102	1.068	12.662	12.662	12.662	H1-H1
680	M780	HSS4x4x3	056	0	008	0	2.102	1.068	12.662	12.662	12.662	H1-H1
681	M781	HSS4x4x3	056	0	012	0	2.102	1.068	12.662	12.662	12.662	H1-H1
682	M782	HSS4x4x3	102	0	012	0	2.102	1.068	12.662	12.662	12.662	H1-H1
683	M783	HSS4x4x3	379	0	074	0	2.102	1.068	12.662	12.662	12.662	H1-H1
684	M784	HSS4x4x3	353	0	077	0	2.102	1.068	12.662	12.662	12.662	H1-H1
685	M785	HSS4x4x3	271	0	072	0	2.102	1.068	12.662	12.662	12.662	H1-H1
686	M786	HSS4x4x3	213	0	075	0	2.102	1.068	12.662	12.662	12.662	H1-H1
687	M787	HSS4x4x3	264	0	066	0	2.102	1.068	12.662	12.662	12.662	H1-H1
688	M788	HSS4x4x3	265	0	060	0	2.102	1.068	12.662	12.662	12.662	H1-H1
689	M789	HSS4x4x3	249	0	050	0	2.102	1.068	12.662	12.662	12.662	H1-H1
690	M790	HSS4x4x3	208	0	037	0	2.102	1.068	12.662	12.662	12.662	H1-H1
691	M791	HSS4x4x3	134	0	020	0	2.102	1.068	12.662	12.662	12.662	H1-H1

Envelope AISI 14th(360-10): LRFD Steel Code Checks (Continued)

AISC 360-10, Table 10-10b, 10-10c, 10-10d, 10-10e, 10-10f, 10-10g, 10-10h, 10-10i, 10-10j, 10-10k, 10-10l, 10-10m, 10-10n, 10-10o, 10-10p, 10-10q, 10-10r, 10-10s, 10-10t, 10-10u, 10-10v, 10-10w, 10-10x, 10-10y, 10-10z, 10-10aa, 10-10ab, 10-10ac, 10-10ad, 10-10ae, 10-10af, 10-10ag, 10-10ah, 10-10ai, 10-10aj, 10-10ak, 10-10al, 10-10am, 10-10an, 10-10ao, 10-10ap, 10-10aq, 10-10ar, 10-10as, 10-10at, 10-10au, 10-10av, 10-10aw, 10-10ax, 10-10ay, 10-10az, 10-10ba, 10-10bb, 10-10bc, 10-10bd, 10-10be, 10-10bf, 10-10bg, 10-10bh, 10-10bi, 10-10bj, 10-10bk, 10-10bl, 10-10bm, 10-10bn, 10-10bo, 10-10bp, 10-10bq, 10-10br, 10-10bs, 10-10bt, 10-10bu, 10-10bv, 10-10bw, 10-10bx, 10-10by, 10-10bz, 10-10ca, 10-10cb, 10-10cc, 10-10cd, 10-10ce, 10-10cf, 10-10cg, 10-10ch, 10-10ci, 10-10cj, 10-10ck, 10-10cl, 10-10cm, 10-10cn, 10-10co, 10-10cp, 10-10cq, 10-10cr, 10-10cs, 10-10ct, 10-10cu, 10-10cv, 10-10cw, 10-10cx, 10-10cy, 10-10cz, 10-10da, 10-10db, 10-10dc, 10-10dd, 10-10de, 10-10df, 10-10dg, 10-10dh, 10-10di, 10-10dj, 10-10dk, 10-10dl, 10-10dm, 10-10dn, 10-10do, 10-10dp, 10-10dq, 10-10dr, 10-10ds, 10-10dt, 10-10du, 10-10dv, 10-10dw, 10-10dx, 10-10dy, 10-10dz, 10-10ea, 10-10eb, 10-10ec, 10-10ed, 10-10ee, 10-10ef, 10-10eg, 10-10eh, 10-10ei, 10-10ej, 10-10ek, 10-10el, 10-10em, 10-10en, 10-10eo, 10-10ep, 10-10eq, 10-10er, 10-10es, 10-10et, 10-10eu, 10-10ev, 10-10ew, 10-10ex, 10-10ey, 10-10ez, 10-10fa, 10-10fb, 10-10fc, 10-10fd, 10-10fe, 10-10ff, 10-10fg, 10-10fh, 10-10fi, 10-10fj, 10-10fk, 10-10fl, 10-10fm, 10-10fn, 10-10fo, 10-10fp, 10-10fq, 10-10fr, 10-10fs, 10-10ft, 10-10fu, 10-10fv, 10-10fw, 10-10fx, 10-10fy, 10-10fz, 10-10ga, 10-10gb, 10-10gc, 10-10gd, 10-10ge, 10-10gf, 10-10gg, 10-10gh, 10-10gi, 10-10gj, 10-10gk, 10-10gl, 10-10gm, 10-10gn, 10-10go, 10-10gp, 10-10gq, 10-10gr, 10-10gs, 10-10gt, 10-10gu, 10-10gv, 10-10gw, 10-10gx, 10-10gy, 10-10gz, 10-10ha, 10-10hb, 10-10hc, 10-10hd, 10-10he, 10-10hf, 10-10hg, 10-10hi, 10-10hj, 10-10hk, 10-10hl, 10-10hm, 10-10hn, 10-10ho, 10-10hp, 10-10hq, 10-10hr, 10-10hs, 10-10ht, 10-10hu, 10-10hv, 10-10hw, 10-10hx, 10-10hy, 10-10hz, 10-10ia, 10-10ib, 10-10ic, 10-10id, 10-10ie, 10-10if, 10-10ig, 10-10ih, 10-10ii, 10-10ij, 10-10ik, 10-10il, 10-10im, 10-10in, 10-10io, 10-10ip, 10-10iq, 10-10ir, 10-10is, 10-10it, 10-10iu, 10-10iv, 10-10iw, 10-10ix, 10-10iy, 10-10iz, 10-10ja, 10-10jb, 10-10jc, 10-10jd, 10-10je, 10-10jf, 10-10jg, 10-10jh, 10-10ji, 10-10jj, 10-10jk, 10-10jl, 10-10jm, 10-10jn, 10-10jo, 10-10jp, 10-10jq, 10-10jr, 10-10js, 10-10jt, 10-10ju, 10-10jv, 10-10jw, 10-10jx, 10-10jy, 10-10jz, 10-10ka, 10-10kb, 10-10kc, 10-10kd, 10-10ke, 10-10kf, 10-10kg, 10-10kh, 10-10ki, 10-10kj, 10-10kl, 10-10km, 10-10kn, 10-10ko, 10-10kp, 10-10kq, 10-10kr, 10-10ks, 10-10kt, 10-10ku, 10-10kv, 10-10kw, 10-10kx, 10-10ky, 10-10kz, 10-10la, 10-10lb, 10-10lc, 10-10ld, 10-10le, 10-10lf, 10-10lg, 10-10lh, 10-10li, 10-10lj, 10-10lk, 10-10ll, 10-10lm, 10-10ln, 10-10lo, 10-10lp, 10-10lq, 10-10lr, 10-10ls, 10-10lt, 10-10lu, 10-10lv, 10-10lw, 10-10lx, 10-10ly, 10-10lz, 10-10ma, 10-10mb, 10-10mc, 10-10md, 10-10me, 10-10mf, 10-10mg, 10-10mh, 10-10mi, 10-10mj, 10-10mk, 10-10ml, 10-10mm, 10-10mn, 10-10mo, 10-10mp, 10-10mq, 10-10mr, 10-10ms, 10-10mt, 10-10mu, 10-10mv, 10-10mw, 10-10mx, 10-10my, 10-10mz, 10-10na, 10-10nb, 10-10nc, 10-10nd, 10-10ne, 10-10nf, 10-10ng, 10-10nh, 10-10ni, 10-10nj, 10-10nk, 10-10nl, 10-10nm, 10-10nn, 10-10no, 10-10np, 10-10nq, 10-10nr, 10-10ns, 10-10nt, 10-10nu, 10-10nv, 10-10nw, 10-10nx, 10-10ny, 10-10nz, 10-10oa, 10-10ob, 10-10oc, 10-10od, 10-10oe, 10-10of, 10-10og, 10-10oh, 10-10oi, 10-10oj, 10-10ok, 10-10ol, 10-10om, 10-10on, 10-10oo, 10-10op, 10-10oq, 10-10or, 10-10os, 10-10ot, 10-10ou, 10-10ov, 10-10ow, 10-10ox, 10-10oy, 10-10oz, 10-10pa, 10-10pb, 10-10pc, 10-10pd, 10-10pe, 10-10pf, 10-10pg, 10-10ph, 10-10pi, 10-10pj, 10-10pk, 10-10pl, 10-10pm, 10-10pn, 10-10po, 10-10pp, 10-10pq, 10-10pr, 10-10ps, 10-10pt, 10-10pu, 10-10pv, 10-10pw, 10-10px, 10-10py, 10-10pz, 10-10qa, 10-10qb, 10-10qc, 10-10qd, 10-10qe, 10-10qf, 10-10qg, 10-10qh, 10-10qi, 10-10qj, 10-10qk, 10-10ql, 10-10qm, 10-10qn, 10-10qo, 10-10qp, 10-10qq, 10-10qr, 10-10qs, 10-10qt, 10-10qu, 10-10qv, 10-10qw, 10-10qx, 10-10qy, 10-10qz, 10-10ra, 10-10rb, 10-10rc, 10-10rd, 10-10re, 10-10rf, 10-10rg, 10-10rh, 10-10ri, 10-10rj, 10-10rk, 10-10rl, 10-10rm, 10-10rn, 10-10ro, 10-10rp, 10-10rq, 10-10rr, 10-10rs, 10-10rt, 10-10ru, 10-10rv, 10-10rw, 10-10rx, 10-10ry, 10-10rz, 10-10sa, 10-10sb, 10-10sc, 10-10sd, 10-10se, 10-10sf, 10-10sg, 10-10sh, 10-10si, 10-10sj, 10-10sk, 10-10sl, 10-10sm, 10-10sn, 10-10so, 10-10sp, 10-10sq, 10-10sr, 10-10ss, 10-10st, 10-10su, 10-10sv, 10-10sw, 10-10sx, 10-10sy, 10-10sz, 10-10ta, 10-10tb, 10-10tc, 10-10td, 10-10te, 10-10tf, 10-10tg, 10-10th, 10-10ti, 10-10tj, 10-10tk, 10-10tl, 10-10tm, 10-10tn, 10-10to, 10-10tp, 10-10tq, 10-10tr, 10-10ts, 10-10tt, 10-10tu, 10-10tv, 10-10tw, 10-10tx, 10-10ty, 10-10tz, 10-10ua, 10-10ub, 10-10uc, 10-10ud, 10-10ue, 10-10uf, 10-10ug, 10-10uh, 10-10ui, 10-10uj, 10-10uk, 10-10ul, 10-10um, 10-10un, 10-10uo, 10-10up, 10-10uq, 10-10ur, 10-10us, 10-10ut, 10-10uu, 10-10uv, 10-10uw, 10-10ux, 10-10uy, 10-10uz, 10-10va, 10-10vb, 10-10vc, 10-10vd, 10-10ve, 10-10vf, 10-10vg, 10-10vh, 10-10vi, 10-10vj, 10-10vk, 10-10vl, 10-10vm, 10-10vn, 10-10vo, 10-10vp, 10-10vq, 10-10vr, 10-10vs, 10-10vt, 10-10vu, 10-10vv, 10-10vw, 10-10vx, 10-10vy, 10-10vz, 10-10wa, 10-10wb, 10-10wc, 10-10wd, 10-10we, 10-10wf, 10-10wg, 10-10wh, 10-10wi, 10-10wj, 10-10wk, 10-10wl, 10-10wm, 10-10wn, 10-10wo, 10-10wp, 10-10wq, 10-10wr, 10-10ws, 10-10wt, 10-10wu, 10-10wv, 10-10ww, 10-10wx, 10-10wy, 10-10wz, 10-10xa, 10-10xb, 10-10xc, 10-10xd, 10-10xe, 10-10xf, 10-10xg, 10-10xh, 10-10xi, 10-10xj, 10-10xk, 10-10xl, 10-10xm, 10-10xn, 10-10xo, 10-10xp, 10-10xq, 10-10xr, 10-10xs, 10-10xt, 10-10xu, 10-10xv, 10-10xw, 10-10xx, 10-10xy, 10-10xz, 10-10ya, 10-10yb, 10-10yc, 10-10yd, 10-10ye, 10-10yf, 10-10yg, 10-10yh, 10-10yi, 10-10yj, 10-10yk, 10-10yl, 10-10ym, 10-10yn, 10-10yo, 10-10yp, 10-10yq, 10-10yr, 10-10ys, 10-10yt, 10-10yu, 10-10yv, 10-10yw, 10-10yx, 10-10yz, 10-10za, 10-10zb, 10-10zc, 10-10zd, 10-10ze, 10-10zf, 10-10zg, 10-10zh, 10-10zi, 10-10zj, 10-10zk, 10-10zl, 10-10zm, 10-10zn, 10-10zo, 10-10zp, 10-10zq, 10-10zr, 10-10zs, 10-10zt, 10-10zu, 10-10zv, 10-10zw, 10-10zx, 10-10zy, 10-10zz													Member	Shape	Code Check	Lo	LC	Shear	Lo	phi _t P _n	phi _t M _n	phi _t M _n	phi _t M _n	Eon
692	M796	HSS4x4x3	010	0	5	003	0	2.102	1.068	12.662	12.662	H1-H1												
693	M797	HSS4x4x3	134	0	5	020	0	2.102	1.068	12.662	12.662	H1-H1												
694	M798	HSS4x4x3	208	0	2	037	0	2.102	1.068	12.662	12.662	H1-H1												
695	M799	HSS4x4x3	249	0	5	050	0	2.102	1.068	12.662	12.662	H1-H1												
696	M800	HSS4x4x3	265	0	5	060	0	2.102	1.068	12.662	12.662	H1-H1												
697	M801	HSS4x4x3	264	0	5	066	0	2.102	1.068	12.662	12.662	H1-H1												
698	M802	HSS4x4x3	273	0	5	075	0	2.102	1.068	12.662	12.662	H1-H1												
699	M803	HSS4x4x3	271	0	5	072	0	2.102	1.068	12.662	12.662	H1-H1												
700	M804	HSS4x4x3	353	0	5	077	0	2.102	1.068	12.662	12.662	H1-H1												
701	M805	HSS4x4x3	379	0	5	074	0	2.102	1.068	12.662	12.662	H1-H1												
702	M806	HSS4x4x3	075	0	5	026	0	2.102	1.068	12.662	12.662	H1-H1												
703	M807	HSS4x4x3	081	0	2	025	0	2.102	1.068	12.662	12.662	H1-H1												
704	M808	HSS4x4x3	080	0	2	020	0	2.102	1.068	12.662	12.662	H1-H1												
705	M809	HSS4x4x3	098	0	5	030	0	2.102	1.068	12.662	12.662	H1-H1												
706	M810	HSS4x4x3	085	0	5	024	0	2.102	1.068	12.662	12.662	H1-H1												
707	M811	HSS4x4x3	109	0	2	035	0	2.102	1.068	12.662	12.662	H1-H1												
708	M812	HSS4x4x3	080	0	2	026	0	2.102	1.068	12.662	12.662	H1-H1												
709	M813	HSS4x4x3	169	0	5	040	0	2.102	1.068	12.662	12.662	H1-H1												
710	M814	HSS4x4x3	071	0	5	023	0	2.102	1.068	12.662	12.662	H1-H1												
711	M815	HSS4x4x3	142	0	2	044	0	2.102	1.068	12.662	12.662	H1-H1												
712	M816	HSS4x4x3	064	0	2	020	0	2.102	1.068	12.662	12.662	H1-H1												
713	M817	HSS4x4x3	211	0	5	055	0	2.102	1.068	12.662	12.662	H1-H1												
714	M818	HSS4x4x3	060	0	2	033	0	2.102	1.068	12.662	12.662	H1-H1												
715	M819	HSS4x4x3	148	0	2	054	0	2.102	1.068	12.662	12.662	H1-H1												
716	M820	HSS4x4x3	081	0	5	035	0	2.102	1.068	12.662	12.662	H1-H1												
717	M821	HSS4x4x3	234	0	5	069	0	2.102	1.068	12.662	12.662	H1-H1												
718	M822	HSS4x4x3	067	0	35.5	2	035	0	2.102	1.068	12.662	H1-H1												
719	M823	HSS4x4x3	161	0	2	059	0	2.102	1.068	12.662	12.662	H1-H1												
720	M824	HSS4x4x3	081	0	35.5	5	034	0	2.102	1.068	12.662	H1-H1												
721	M825	HSS4x4x3	248	0	5	079	0	2.102	1.068	12.662	12.662	H1-H1												
722	M826	HSS4x4x3	069	0	33	2	038	0	2.102	1.068	12.662	H1-H1												
723	M827	HSS4x4x3	164	0	2	064	0	2.102	1.068	12.662	12.662	H1-H1												
724	M828	HSS4x4x3	094	0	33	2	042	0	2.102	1.068	12.662	H1-H1												
725	M829	HSS4x4x3	252	0	5	088	0	2.102	1.068	12.662	12.662	H1-H1												
726	M830	HSS4x4x3	078	0	31	2	039	0	2.102	1.068	12.662	H1-H1												
727	M831	HSS4x4x3	164	0	2	064	0	2.102	1.068	12.662	12.662	H1-H1												
728	M832	HSS4x4x3	097	0	31	5	040	0	2.102	1.068	12.662	H1-H1												
729	M833	HSS4x4x3	247	0	5	089	0	2.102	1.068	12.662	12.662	H1-H1												
730	M834	HSS4x4x3	071	0	30	2	032	0	2.102	1.068	12.662	H1-H1												
731	M835	HSS4x4x3	135	0	2	052	0	2.102	1.068	12.662	12.662	H1-H1												
732	M836	HSS4x4x3	095	0	30	5	038	0	2.102	1.068	12.662	H1-H1												
733	M837	HSS4x4x3	206	0	5	075	0	2.102	1.068	12.662	12.662	H1-H1												
734	M838	HSS4x4x3	063	0	30	2	026	0	2.102	1.068	12.662	H1-H1												
735	M839	HSS4x4x3	079	0	2	027	0	2.102	1.068	12.662	12.662	H1-H1												
736	M840	HSS4x4x3	067	0	30	5	027	0	2.102	1.068	12.662	H1-H1												
737	M841	HSS4x4x3	114	0	5	040	0	2.102	1.068	12.662	12.662	H1-H1												
738	M842	HSS4x4x3	016	0	30	5	006	0	2.102	1.068	12.662	H1-H1												
739	M843	HSS4x4x3	006	0	31	5	001	0	2.102	1.068	12.662	H1-H1												
740	M844	HSS4x4x3	016	0	30	5	007	0	2.102	1.068	12.662	H1-H1												
741	M845	HSS4x4x3	007	0	2	027	0	2.102	1.068	12.662	12.662	H1-H1												
742	M846	HSS4x4x3	063	0	30	2	026	0	2.102	1.068	12.662	H1-H1												
743	M847	HSS4x4x3	079	0	2	027	0	2.102	1.068	12.662	12.662	H1-H1												
744	M848	HSS4x4x3	067	0	30	5	027	0	2.102	1.068	12.662	H1-H1												
745	M849	HSS4x4x3	114	0	5	040	0	2.102	1.068	12.662	12.662	H1-H1												
746	M850	HSS4x4x3	071	0	30	2	032	0	2.102	1.068	12.662	H1-H1												
747	M851	HSS4x4x3	135	0	2	052	0	2.102	1.068	12.662	12.662	H1-H1												
748	M852	HSS4x4x3	095	0	30	5	038	0	2.102	1.068	12.662	H1-H1												
749	M853	HSS4x4x3	206	0	5	075	0	2.102	1.068	12.662	12.662	H1-H1												
75																								

Envelope AISC 14th(360-10): LRFD Steel Code Checks (Continued)

Member	Shape	Lo	LC	Shear	Lo	LC	phi _t P _n	phi _t M _n	phi _t M _n	Eqn	
751	M855	HSS4x4x3	154	0	2	054	0	2,209.4	216.9	38.64	H1-1b
752	M856	HSS4x4x3	097	31	5	040	0	2,514.2	216.9	38.64	H1-1b
753	M857	HSS4x4x3	247	0	5	089	0	2,520.9	216.9	38.64	H1-1b
754	M858	HSS4x4x3	069	33	2	036	0	2,213.9	216.9	38.64	H1-1b
755	M859	HSS4x4x3	164	0	2	064	0	2,206.7	216.9	38.64	H1-1b
756	M860	HSS4x4x3	094	33	5	042	0	2,513.9	216.9	38.64	H1-1b
757	M861	HSS4x4x3	262	0	5	088	0	2,506.7	216.9	38.64	H1-1b
758	M862	HSS4x4x3	067	35	2	035	0	2,213.5	216.9	38.64	H1-1b
759	M863	HSS4x4x3	181	0	2	059	0	2,203.7	216.9	38.64	H1-1b
760	M864	HSS4x4x3	091	35	5	034	0	2,513.5	216.9	38.64	H1-1b
761	M865	HSS4x4x3	248	0	5	079	0	2,520.7	216.9	38.64	H1-1b
762	M866	HSS4x4x3	080	37	2	033	0	2,213.1	216.9	38.64	H1-1b
763	M867	HSS4x4x3	148	0	2	054	0	2,197.1	216.9	38.64	H1-1b
764	M868	HSS4x4x3	081	37	5	035	0	2,513.1	216.9	38.64	H1-1b
765	M869	HSS4x4x3	234	0	5	069	0	2,519.1	216.9	38.64	H1-1b
766	M870	HSS4x4x3	071	0	5	023	0	2,512.5	216.9	38.64	H1-1b
767	M871	HSS4x4x3	142	0	2	044	0	2,180.5	216.9	38.64	H1-1b
768	M872	HSS4x4x3	054	40	5	020	0	2,510.9	216.9	38.64	H1-1b
769	M873	HSS4x4x3	211	0	5	035	0	2,518.5	216.9	38.64	H1-1b
770	M874	HSS4x4x3	065	0	5	024	0	2,211.8	216.9	38.64	H1-1b
771	M875	HSS4x4x3	109	0	2	038	0	2,211.8	216.9	38.64	H1-1b
772	M876	HSS4x4x3	060	0	2	040	0	2,216.3	216.9	38.64	H1-1b
773	M877	HSS4x4x3	169	0	5	026	0	2,510.9	216.9	38.64	H1-1b
774	M878	HSS4x4x3	075	0	5	026	0	2,510.9	216.9	38.64	H1-1b
775	M879	HSS4x4x3	081	0	2	025	0	2,510.9	216.9	38.64	H1-1b
776	M880	HSS4x4x3	098	0	5	020	0	2,510.9	216.9	38.64	H1-1b
777	M881	HSS4x4x3	098	0	5	030	0	2,510.9	216.9	38.64	H1-1b
778	M882	HSS4x4x3	052	65	5	013	0	2,510.9	216.9	38.64	H1-1b
779	M883	HSS4x4x3	043	43	5	011	0	2,510.9	216.9	38.64	H1-1b
780	M884	HSS4x4x3	042	84	5	011	0	2,510.9	216.9	38.64	H1-1b
781	M885	HSS4x4x3	040	2	2	012	0	2,510.9	216.9	38.64	H1-1b
782	M886	HSS4x4x3	045	56	2	014	0	2,510.9	216.9	38.64	H1-1b
783	M887	HSS4x4x3	046	95	5	011	0	2,510.9	216.9	38.64	H1-1b
784	M888	HSS4x4x3	048	82	2	009	0	2,510.9	216.9	38.64	H1-1b
785	M889	HSS4x4x3	048	37	2	006	0	2,510.9	216.9	38.64	H1-1b
786	M890	HSS4x4x3	048	0	2	009	0	2,510.9	216.9	38.64	H1-1b
787	M891	HSS4x4x3	054	0	2	009	0	2,510.9	216.9	38.64	H1-1b
788	M892	HSS4x4x3	054	0	2	009	0	2,510.9	216.9	38.64	H1-1b
789	M893	HSS4x4x3	048	29	2	006	0	2,510.9	216.9	38.64	H1-1b
790	M894	HSS4x4x3	048	13	2	009	0	2,510.9	216.9	38.64	H1-1b
791	M895	HSS4x4x3	046	0	5	011	0	2,510.9	216.9	38.64	H1-1b
792	M896	HSS4x4x3	045	54	2	014	0	2,510.9	216.9	38.64	H1-1b
793	M897	HSS4x4x3	040	37	2	012	0	2,510.9	216.9	38.64	H1-1b
794	M898	HSS4x4x3	042	0	5	013	0	2,510.9	216.9	38.64	H1-1b
795	M899	HSS4x4x3	043	20	5	011	0	2,510.9	216.9	38.64	H1-1b
796	M900	HSS4x4x3	052	65	5	013	0	2,510.9	216.9	38.64	H1-1b
797	M901	HSS4x4x3	055	0	5	010	0	2,510.9	216.9	38.64	H1-1b
798	M902	HSS4x4x3	048	94	5	013	0	2,510.9	216.9	38.64	H1-1b
799	M903	HSS4x4x3	057	85	5	014	0	2,510.9	216.9	38.64	H1-1b
800	M904	HSS4x4x3	057	85	5	014	0	2,510.9	216.9	38.64	H1-1b
801	M905	HSS4x4x3	056	0	5	009	0	2,510.9	216.9	38.64	H1-1b
802	M906	HSS4x4x3	053	40	5	006	0	2,510.9	216.9	38.64	H1-1b
803	M907	HSS4x4x3	053	26	5	008	0	2,510.9	216.9	38.64	H1-1b
804	M911	HSS4x4x3	053	40	5	006	0	2,510.9	216.9	38.64	H1-1b
805	M912	HSS4x4x3	053	40	5	008	0	2,510.9	216.9	38.64	H1-1b
806	M913	HSS4x4x3	053	26	5	008	0	2,510.9	216.9	38.64	H1-1b
807	M914	HSS4x4x3	056	65	5	009	0	2,510.9	216.9	38.64	H1-1b
808	M915	HSS4x4x3	057	0	5	014	0	2,510.9	216.9	38.64	H1-1b
809	M916	HSS4x4x3	057	0	5	014	0	2,510.9	216.9	38.64	H1-1b

Envelope AISC 14th(360-10): LRFD Steel Code Checks (Continued)

Member	Shape	Lo	LC	Shear	Lo	LC	phi _t P _n	phi _t M _n	phi _t M _n	Eqn	
810	M917	HSS4x4x3	058	84	5	013	64	15,594,971	106.8	12,662	12,662
811	M918	HSS4x4x3	048	0	5	013	64	15,594,971	106.8	12,662	12,662
812	M919	HSS4x4x3	055	84	5	010	64	12,84,953	106.8	11,692	12,662
813	M920	HSS4x4x3	070	0	5	012	65	12,84,953	106.8	11,692	12,662
814	M930	HSS2x2x3	387	0	2	038	0	2,645,437	266	275	275
815	M931	HSS2x2x3	175	0	5	014	0	2,630,861	49	266	275
816	M932	HSS2x2x3	245	61	2	016	0	2,630,861	49	266	275
817	M933	HSS2x2x3	336	61	2	017	0	2,630,861	49	266	275
818	M934	HSS2x2x3	252	0	2	079	0	2,544,239	49	266	275
819	M935	HSS2x2x3	086	0	5	016	0	2,530,961	49	266	275
820	M936	HSS2x2x3	132	0	5	014	0	2,529,473	49	266	275
821	M937	HSS2x2x3	131	0	5	011	0	2,529,473	49	266	275
822	M938	HSS2x2x3	631	0	5	129	0	2,547,049	49	266	275
823	M939	HSS2x2x3	549	0	5	129	0	2,547,049	49	266	275
824	M940	HSS2x2x3	189	16	2	056	0	2,547,049	49	266	275
825	M941	HSS2x2x3	223	16	2	056	0	2,547,049	49	266	275
826	M942	HSS2x2x3	277	0	2	048	0	2,544,239	49	266	275
827	M943	HSS2x2x3	354	29	2	042	0	2,544,239	49	266	275
828	M944	HSS2x2x3	103	61	2	077	61	2,530,961	49	266	275
829	M945	HSS2x2x3	225	16	2	056	0	2,547,049	49	266	275
830	M946	HSS2x2x3	079	61	2	029	61	2,530,961	49	266	275
831	M947	HSS2x2x3	096	61	2	092	61	2,530,961	49	266	275
832	M948	HSS2x2x3	379	29	2	054	0	2,544,239	49	266	275
833	M949	HSS2x2x3	083	26	5	051	53	2,530,961	49	266	275
834	M950	HSS2x2x3	127	61	2	028	53	2,530,961	49	266	275
835	M951	HSS2x2x3	089	61	2	066	0	2,530,961	49	266	275
836	M952	HSS2x2x3	292	0	2	020	26	2,544,239	49	266	275
837	M953	HSS2x2x3	580	29	2	080	29	2,544,239	49	266	275
838	M954	HSS2x2x3	410	0	2	050	29	2,544,239	49	266	275
839	M955	HSS2x2x3	721	29	2	057	29	2,544,239	49	266	275
840	M956	HSS2x2x3	348	29	2	057	29	2,544,239	49	266	275
841	M957	HSS2x2x3	580	29	2	055	29	2,544,239	49	266	275
842	M958	HSS2x2x3	174	29	2	033	0	2,544,239	49	266	275
843	M959	HSS2x2x3	200	29	5	068	0	2,544,239	49	266	275
844	M960	HSS2x2x3	100	0	2	046	0	2,530,961	49	266	275
845	M961	HSS2x2x3	147	61	2	056	51	2,530,961	49	266	275
846	M962	HSS2x2x3	143	61	2	021	51	2,530,961	49	266	275
847	M963	HSS2x2x3	124	0	2	015	51	2,530,961	49	266	275
848	M964	HSS2x2x3	122	61	2	056	51	2,530,961	49	266	275
849	M965	HSS2x2x3	118	0	2	070	0	2,530,961	49	266	275
850	M974	HSS2x2x3	388	0	5	036	0	2,546,437	49	266	275
851	M975	HSS2x2x3	099	0	5	014	0	2,530,961	49	266	275
852	M976	HSS2x2x3	142	0	5	016	0	2,530,961	49	266	275
853	M977	HSS2x2x3	137	0	5	017	0	2,530,961	49	266	275
854	M978	HSS2x2x3	289	0	5	076	0	2,544,239	49	266	275
855	M979	HSS2x2x3	085	0	5	016	0	2,529,473	49	266	275
856	M980	HSS2x2x3	071	0	5	014	0	2,529,473	49	266	275
857	M981	HSS2x2x3	064	0	5	011	0	2,529,473	49	266	275
858	M982	HSS2x2x3	605	0	5	124	0	2,547,049	49	266	275
859	M983	HSS2x2x3	537	0	5	124	0	2,547,049	49	266	275
860	M984	HSS2x2x3	146	0	5	037	0	2,547,049	49	266	275
861	M985	HSS2x2x3	216	16	5	054	0	2,547,049	49	266	275
862	M986	HSS2x2x3	311	0	5	053	0	2,544,239	49	266	275
863	M987	HSS2x2x3	372	29	5	038	0	2,544,239	49	266	275
864	M988	HSS2x2x3	098	61	2	073	61	2,530,961	49	266	275
865	M989	HSS2x2x3	223	16	5	052	0	2,547,049	49	266	275
866	M990	HSS2x2x3	088	61	2	029	61	2,530,961	49	266	275
867	M991	HSS2x2x3	081	61	2	092	61	2,530,961	49	266	275
868	M992	HSS2x2x3	393	29	5	051	0	2,544,239	49	266	275

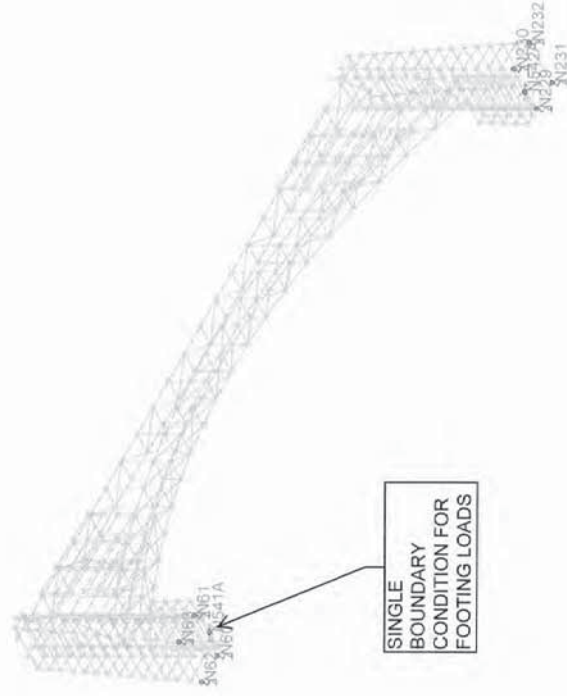
Envelope AISI 14th(360-10): LRFD Steel Code Checks (Continued)

Member	Shape	Code Check	Lo	LC	Shear	Lo	phi _P	phi _T	phi _{Mn}	phi _{Mn}	Eqn	
869	M393 HSS2x2x3	083	33	5	0.50	53	2	5.30	81.49	266	2.75	H1-1b
870	M394 HSS2x2x3	124	912	5	0.26	53	2	5.30	81.49	266	2.75	H1-1b
871	M995 HSS2x2x3	108	0	5	0.64	0	2	5.30	81.49	266	2.75	H1-1b
872	M998 HSS2x2x3	315	0	5	0.27	29	2	5.44	238.49	266	2.75	H1-1b
873	M997 HSS2x2x3	612	29	5	0.77	29	2	5.44	238.49	266	2.75	H1-1b
874	M998 HSS2x2x3	436	0	5	0.56	29	2	5.44	238.49	266	2.75	H1-1b
875	M999 HSS2x2x3	763	29	5	0.82	29	2	5.44	238.49	266	2.75	H1-1b
876	M1000 HSS2x2x3	380	0	5	0.60	0	2	5.44	238.49	266	2.75	H1-1b
877	M1001 HSS2x2x3	596	29	5	0.93	29	2	5.44	238.49	266	2.75	H1-1b
878	M1002 HSS2x2x3	183	29	5	0.35	0	2	5.44	238.49	266	2.75	H1-1b
879	M1003 HSS2x2x3	227	29	5	0.86	29	2	5.44	238.49	266	2.75	H1-1b
880	M1004 HSS2x2x3	166	0	5	0.45	0	2	5.30	81.49	266	2.75	H1-1b
881	M1005 HSS2x2x3	163	612	5	0.54	51	2	5.30	81.49	266	2.75	H1-1b
882	M1006 HSS2x2x3	183	0	5	0.22	0	2	5.30	81.49	266	2.75	H1-1b
883	M1007 HSS2x2x3	187	0	5	0.16	0	2	5.30	81.49	266	2.75	H1-1b
884	M1008 HSS2x2x3	181	0	5	0.54	51	2	5.30	81.49	266	2.75	H1-1b
885	M1009 HSS2x2x3	180	0	5	0.68	0	2	5.30	81.49	266	2.75	H1-1b
886	M1010 HSS2x2x3	387	0	2	0.38	0	2	5.30	81.49	266	2.75	H1-1b
887	M1019 HSS2x2x3	174	0	5	0.14	0	2	5.30	81.49	266	2.75	H1-1b
888	M1020 HSS2x2x3	245	912	5	0.16	0	2	5.30	81.49	266	2.75	H1-1b
889	M1021 HSS2x2x3	336	912	5	0.17	0	2	5.30	81.49	266	2.75	H1-1b
890	M1022 HSS2x2x3	252	0	2	0.79	0	2	5.44	238.49	266	2.75	H1-1b
891	M1023 HSS2x2x3	086	0	5	0.16	0	2	5.30	81.49	266	2.75	H1-1b
892	M1024 HSS2x2x3	132	0	5	0.14	0	2	5.30	81.49	266	2.75	H1-1b
893	M1025 HSS2x2x3	131	0	5	0.11	0	2	5.30	81.49	266	2.75	H1-1b
894	M1026 HSS2x2x3	631	0	5	0.12	0	2	5.30	81.49	266	2.75	H1-1b
895	M1027 HSS2x2x3	549	549	5	0.29	0	2	5.47	292.49	266	2.75	H1-1b
896	M1028 HSS2x2x3	169	0	5	0.38	0	2	5.47	292.49	266	2.75	H1-1b
897	M1029 HSS2x2x3	223	16	2	0.58	0	2	5.47	292.49	266	2.75	H1-1b
898	M1030 HSS2x2x3	277	0	2	0.48	0	2	5.44	238.49	266	2.75	H1-1b
899	M1031 HSS2x2x3	354	29	2	0.42	0	2	5.44	238.49	266	2.75	H1-1b
900	M1032 HSS2x2x3	103	612	5	0.77	61	2	5.30	81.49	266	2.75	H1-1b
901	M1033 HSS2x2x3	225	16	2	0.56	0	2	5.47	292.49	266	2.75	H1-1b
902	M1034 HSS2x2x3	079	912	2	0.29	61	2	5.30	81.49	266	2.75	H1-1b
903	M1035 HSS2x2x3	085	612	5	0.92	61	2	5.30	81.49	266	2.75	H1-1b
904	M1036 HSS2x2x3	379	29	2	0.54	0	2	5.44	238.49	266	2.75	H1-1b
905	M1037 HSS2x2x3	083	28	5	0.51	54	2	5.30	81.49	266	2.75	H1-1b
906	M1038 HSS2x2x3	127	912	2	0.28	54	2	5.30	81.49	266	2.75	H1-1b
907	M1039 HSS2x2x3	088	912	2	0.66	0	2	5.30	81.49	266	2.75	H1-1b
908	M1040 HSS2x2x3	292	0	2	0.29	29	2	5.44	238.49	266	2.75	H1-1b
909	M1041 HSS2x2x3	590	29	2	0.80	29	2	5.44	238.49	266	2.75	H1-1b
910	M1042 HSS2x2x3	410	0	2	0.80	29	2	5.44	238.49	266	2.75	H1-1b
911	M1043 HSS2x2x3	721	29	2	0.86	29	2	5.44	238.49	266	2.75	H1-1b
912	M1044 HSS2x2x3	348	0	2	0.57	29	2	5.44	238.49	266	2.75	H1-1b
913	M1045 HSS2x2x3	560	25	2	0.95	29	2	5.44	238.49	266	2.75	H1-1b
914	M1046 HSS2x2x3	174	29	2	0.33	0	2	5.44	238.49	266	2.75	H1-1b
915	M1047 HSS2x2x3	200	29	2	0.88	29	2	5.44	238.49	266	2.75	H1-1b
916	M1048 HSS2x2x3	100	0	2	0.46	0	2	5.30	81.49	266	2.75	H1-1b
917	M1049 HSS2x2x3	147	912	2	0.65	51	2	5.30	81.49	266	2.75	H1-1b
918	M1050 HSS2x2x3	143	612	2	0.21	51	2	5.30	81.49	266	2.75	H1-1b
919	M1051 HSS2x2x3	124	0	2	0.15	51	2	5.30	81.49	266	2.75	H1-1b
920	M1052 HSS2x2x3	122	612	2	0.56	51	2	5.30	81.49	266	2.75	H1-1b
921	M1053 HSS2x2x3	118	0	2	0.70	0	2	5.30	81.49	266	2.75	H1-1b
922	M1054 HSS2x2x3	388	0	5	0.36	0	2	5.30	81.49	266	2.75	H1-1b
923	M1055 HSS2x2x3	099	0	5	0.14	0	2	5.30	81.49	266	2.75	H1-1b
924	M1056 HSS2x2x3	142	0	5	0.16	0	2	5.30	81.49	266	2.75	H1-1b
925	M1057 HSS2x2x3	137	0	5	0.17	0	2	5.30	81.49	266	2.75	H1-1b
926	M1058 HSS2x2x3	289	0	5	0.75	0	2	5.44	238.49	266	2.75	H1-1b
927	M1059 HSS2x2x3	085	0	5	0.15	0	2	5.30	81.49	266	2.75	H1-1b

Envelope AISI 14th(360-10): LRFD Steel Code Checks (Continued)

Member	Shape	Code Check	Lo	LC	Shear	Lo	phi _P	phi _T	phi _{Mn}	phi _{Mn}	Eqn					
928	M1058	HSS2x2x3	071	0	5	0.14	0	2	5.29	472.49	266	2.75	H1-1b			
929	M1058	HSS2x2x3	084	0	5	0.11	0	2	5.29	472.49	266	2.75	H1-1b			
930	M1058	HSS2x2x3	605	0	5	1.24	0	2	5.47	592.49	266	2.75	H1-1b			
931	M1070	HSS2x2x3	537	0	5	1.24	0	2	5.47	592.49	266	2.75	H1-1b			
932	M1072	HSS2x2x3	146	0	5	0.37	0	2	5.47	592.49	266	2.75	H1-1b			
933	M1072	HSS2x2x3	311	18	5	0.54	0	2	5.47	592.49	266	2.75	H1-1b			
934	M1074	HSS2x2x3	372	0	5	0.53	0	2	5.44	238.49	266	2.75	H1-1b			
935	M1075	HSS2x2x3	086	29	5	0.38	0	2	5.44	238.49	266	2.75	H1-1b			
936	M1076	HSS2x2x3	098	61.2	5	0.73	61.2	2	5.30	81.49	266	2.75	H1-1b			
937	M1077	HSS2x2x3	223	16	5	0.52	0	2	5.47	592.49	266	2.75	H1-1b			
938	M1078	HSS2x2x3	088	61.2	5	0.29	61.2	2	5.30	81.49	266	2.75	H1-1b			
939	M1079	HSS2x2x3	081	51.2	2	0.87	51.2	2	5.30	81.49	266	2.75	H1-1b			
940	M1080	HSS2x2x3	393	29	5	0.51	0	2	5.44	238.49	266	2.75	H1-1b			
941	M1081	HSS2x2x3	083	33	5	0.50	54	2	5.30	81.49	266	2.75	H1-1b			
942	M1082	HSS2x2x3	124	61.2	5	0.26	54	2	5.30	81.49	266	2.75	H1-1b			
943	M1083	HSS2x2x3	108	0	5	0.64	0	2	5.30	81.49	266	2.75	H1-1b			
944	M1084	HSS2x2x3	315	0	5	0.27	29	2	5.44	238.49	266	2.75	H1-1b			
945	M1085	HSS2x2x3	612	29	5	0.56	29	2	5.44	238.49	266	2.75	H1-1b			
946	M1086	HSS2x2x3	436	20	5	0.82	29	2	5.44	238.49	266	2.75	H1-1b			
947	M1087	HSS2x2x3	763	31	5	0.60	0	2	5.44	238.49	266	2.75	H1-1b			
948	M1088	HSS2x2x3	380	0	5	0.60	0	2	5.44	238.49	266	2.75	H1-1b			
949	M1089	HSS2x2x3	586	29	5	0.35	29	2	5.44	238.49	266	2.75	H1-1b			
950	M1090	HSS2x2x3	183	29	5	0.86	29	2	5.44	238.49	266	2.75	H1-1b			
951	M1091	HSS2x2x3	227	29	5	0.45	29	2	5.30	81.49	266	2.75	H1-1b			
952	M1092	HSS2x2x3	169	61.2	5	0.54	51	2	5.30	81.49	266	2.75	H1-1b			
953	M1093	HSS2x2x3	183	0	5	0.22	0	2	5.30	81.49	266	2.75	H1-1b			
954	M1094	HSS2x2x3	187	0	5	0.16	0	2	5.30	81.49	266	2.75	H1-1b			
955	M1095	HSS2x2x3	181	0	5	0.54	51	2	5.30	81.49	266	2.75	H1-1b			
956	M1096	HSS2x2x3	181	0	5	0.68	0	2	5.30	81.49	266	2.75	H1-1b			
957	M1097	HSS2x2x3	180	0	5	1.41	0	2	5.29	472.49	266	2.75	H1-1b			
958	M1098	HSS8x8x4	409	0	5	0.33	0	2	2.60	78.93	94.66	288	66	288	H1-1b	
959	M1098	HSS8x8x4	133	0	5	0.33	0	2	2.60	78.93	94.66	288	66	288	H1-1b	
960	M1098	HSS12x8x4	064	40	5	0.33	0	2	2.62	1	370.9	73.79	116.95	H1-1b		
961	M1098	HSS8x8x4	409	0	5	1.41	0	2	2.60	78.93	94.66	288	66	288	H1-1b	
962	M1092	HSS8x8x4	133	0	5	0.33	0	2	2.60	78.93	94.66	288	66	288	H1-1b	
963	M1093	HSS8x8x4	064	40	5	0.33	0	2	2.62	1	370.9	73.79	116.95	H1-1b		
964	M1098	HSS8x8x4	360	11	5	2.85	0	2	2.63	6	293.94	65.28	66	288	H1-1b	
965	M1098	HSS8x8x4	161	11	2	1.32	0	2	2.63	6	293.94	65.28	66	288	H1-1b	
966	M1098	HSS12x8x4	154	0	5	0.72	0	2	2.62	370.9	73.79	116.95	H1-1b			
967	M1098	HSS8x8x4	500	11	5	2.85	0	2	2.63	6	293.94	65.28	66	288	H1-1b	
968	M1098	HSS8x8x4	161	11	2	1.32	0	2	2.63	6	293.94	65.28	66	288	H1-1b	
969	M1099	HSS12x8x4	154	0	5	0.72	0	2	2.62	370.9	73.79	116.95	H1-1b			
970	M1098	HSS8x8x4	004	0	5	0.01	0	2	2.61	3	293.94	66	288	66	288	H1-1b
971	M1087	HSS8x8x4	004	0	5	0.01	0	2	2.61	3	293.94	66	288	66	288	H1-1b
972	M1088	HSS8x8x4	004	0	5	0.01	0	2	2.61	3	293.94	66	288	66	288	H1-1b
973	M1089	HSS8x8x4	004	0	5	0.01	0	2	2.61	3	293.94	66	288	66	288	H1-1b
974	M1089	HSS8x8x4	004	0	5	0.01	0	2	2.61	3	293.94	66	288	66	288	H1-1b
975	M1091	HSS8x8x4	150	0	5	0.42	0	2	2.5	289.5	293.94	66	288	66	288	H1-1b
976	M1092	HSS8x8x4	192	0	2	0.44	0	2	2.5	289.5	293.94	66	288	66	288	H1-1b
977	M1093	HSS8x8x4	177	0	2	0.45	0	2	2.5	289.5	293.94	66	288	66	288	H1-1b
978	M1094	HSS8x8x4	338	0	2	0.46	0	2	2.5	289.5	293.94	66	288	66	288	H1-1b
979	M1095	HSS8x8x4	224	0	4	0.37	0	2	2.5	289.5	293.94	66	288	66	288	H1-1b
980	M1096	HSS8x8x4	245	73	5	0.12	73	5	1.91	99	106.8	12	652	12	652	H1-1b
981	M1097	HSS8x8x4	227	78	5	0.25	78	5	1.91	99	106.8	12	652	12	652	H1-1b
982	M1098	HSS8x8x4	180	0	5	0.42	0	2	2.5	289.5	293.94	66	288	66	288	H1-1b
983	M1099	HSS8x8x4	152	0	2	0.44	0	2	2.5	289.5	293.94	66	288	66	288	H1-1b
984	M1100	HSS8x8x4	177	0	5	0.45	0	2	2.20	5.6	216.9	38.64	38.64	38.64	38.64	H1-1b
985	M1101	HSS8x8x4	172	0	5	0.45	0	2	2.20	5.6	216.9	38.64	38.64	38.64	38.64	H1-1b
986	M1102	HSS8x8x4	338	0	2	0.46	0	2	2.5	289.5	293.94	66	288	66	288	H1-1b

Envelope AISC 14th(360-10): LRFD Steel Code Checks (Continued)

[illegible]

**SINGLE
BOUNDARY
CONDITION FOR
FOOTING LOADS**

Envelope Only Solution

	1	2	3	4	5	6	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed Area(Me.	Surface Loc...
	BLC 1	D	W	F	BLC 1 Transient Ar...		DL		-1				180	
							WL						200	104
							NONE						200	104
							NONE						690	
							NONE						417	
							NONE						417	

	Description	So.	PDelta	S	BLCFrac	BLCFrac	BLCFrac	BLCFrac	BLCFrac	BLCFrac	BLCFrac	BLCFrac _{acc}
1	D		Y	1	1							
2	W		Y	2	1							
3	F		Y	3	1							
4			Y	1	1.25							
5	1.1D+1.0W		Y	1	1	2	1					
6	0.8D+1.0W		Y	1	9	2	1					
7	1.0D+1.0F		Y	1	1	3	1					

		Joint	X [k]		LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
			max	min											
1		N52	max	0	1	5,006	4	0	1	0	1	0	1	0	1
2			min	0	1	0	2	0	1	0	1	0	1	0	1
3		N63	max	0	1	5,679	5	0	1	0	1	0	1	0	1
4			min	0	1	176	3	0	1	0	1	0	1	0	1
5		N60	max	0	1	612	4	0	1	0	1	0	1	0	1
6			min	0	1	0	2	0	1	0	1	0	1	0	1
7		N61	max	0	1	2,493	5	0	1	0	1	0	1	0	1
8			min	0	1	285	3	0	1	0	1	0	1	0	1
9		N230	max	0	1	2,493	5	0	1	0	1	0	1	0	1
10			min	0	1	289	3	0	1	0	1	0	1	0	1
11		N232	max	0	1	5,685	5	0	1	0	1	0	1	0	1
12			min	0	1	176	3	0	1	0	1	0	1	0	1
13		N231	max	0	1	4,997	4	0	1	0	1	0	1	0	1
14			min	0	1	0	2	0	1	0	1	0	1	0	1
15		N229	max	0	1	612	4	0	1	0	1	0	1	0	1
16			min	0	1	0	2	0	1	0	1	0	1	0	1
17		N541A	max	18,849	4	38,915	4	29,276	2	621,216	2	0	1	0	1
18			min	0	38	3,169	2	0	4	026	1	-73,076	5	-95,704	4
19		N542A	max	-038	3	38,914	4	29,277	5	621,214	2	73,081	5	95,705	4
20			min	18,849	4	3,169	2	0	1	-033	4	-085	1	003	3
21		Totals:	max	0	2	100,282	4	58,553	2	0	0	0	0	0	0
22			min	0	4	0	3	0	4	0	0	0	0	0	0

Appendix C Site Plan

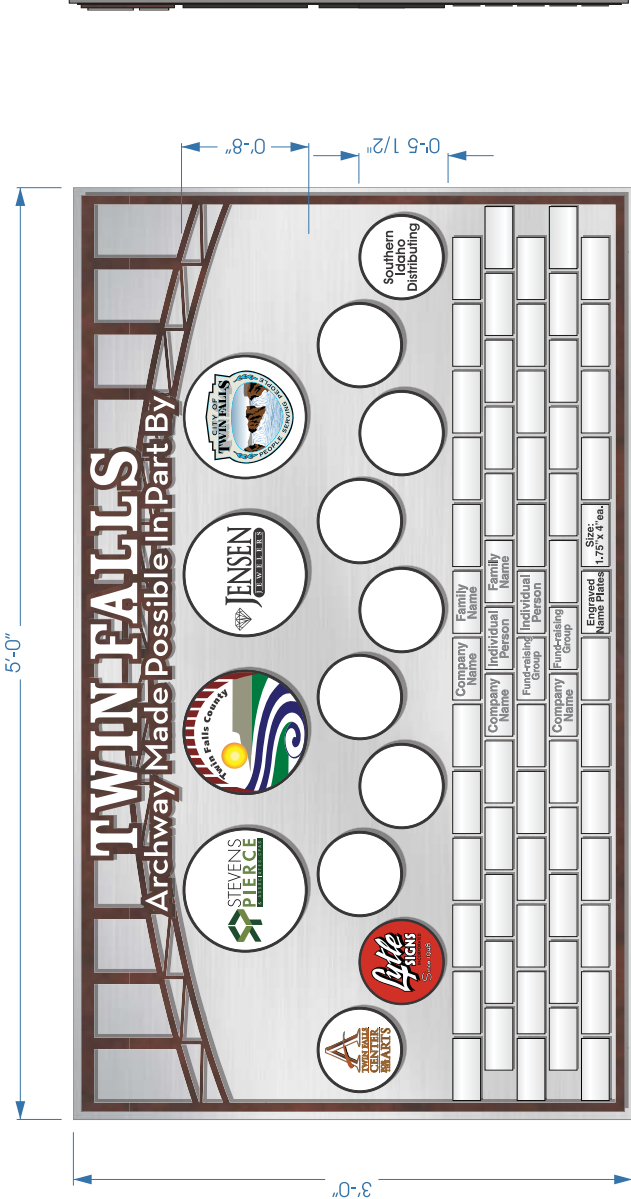
EXHIBIT
 CITY OF TWIN FALLS ARCHWAY
 TWIN FALLS, IDAHO

JOB NUMBER	433-18
DATE	NOVEMBER 2018
SCALE	AS SHOWN
SHEET NO.	1

Located In
 A Portion of
 Block "Reservation", lying Northwesterly of
 Shoshone Street North
 Twin Falls Townsite
 In
 Section 16
 Township 10 South, Range 17 East
 Boise Meridian
 Twin Falls County, Idaho
 2018



Appendix D Recognition Sign



SIDE VIEW

CONCEPTUAL DESIGN FOR A DONOR INTERPRETIVE PANEL

- CLEAR ANODIZED FINISH ALUMINUM BACKGROUND WITH WATER-JET CUT PLATE ALUMINUM ARCHWAY AND FRAME OVERLAY
- RUST COLORED POWDER COATED
- FLAT CUT ALUMINUM LETTERS POWDER COATED WHITE AND FLUSH MOUNTED
- DONOR INFORMATION
- CIRCLES - 1/4" PLATE ALUMINUM WITH EPOXY PAINTED ELEMENTS
- RECTANGLES - 1/8" PLATE ALUMINUM WITH ENGRAVED COPY
- FLUSH MOUNTED

THIS RENDERING IS CONCEPTUAL---COLORS MAY NOT REPRESENT ACTUAL FINISH---ILLUMINATED AND DAYLIGHT COLORS WILL VARY
Unauthorized use, reproduction and/or display shall render the infringer liable for up to \$10,000 in statutory damages, plus attorney fees and costs for each infringement under the U.S. Copyright Act (17 U.S.C. 412 & 504)

CLIENT:
Twin Falls City Archway Committee

ADDRESS:
Twin Falls, Idaho

JOB LOCATION:

DATE:
11 May 2017

SCALE:
1-1/2"=1'

ACCOUNT EXECUTIVE:
Rea L.

DRAWN BY:
RGO

ELEMENTS:
...Twin Falls City Entry Archway/Donor Interpretive Sign...

QUOTE #:
30876

REVISIONS:
07 May 2018--corrected the font on Archway Made Possible...
04-09-2019 RL

PAGE 1 OF 2
LITTLE SIGNS © 2017
ALL RIGHTS RESERVED

Lytle SIGNS
Since 1945

Lytle Signs Inc.
Twin Falls Office
PO BOX 305
1975 KIMBERLY RD
TWIN FALLS, IDAHO 83303
208.733.1739
1.800.621.6836
for 208.736.8653

Boise/Meridian Office
2070 E. COMMERCIAL ST.
MERIDIAN, IDAHO 83442
208.388.1739
for 208.388.3966
www.lytlesigns.com
sales @lytlesigns.com

WSA

Unauthorized use, reproduction and/or display shall render the infringer liable for up to \$150,000 in statutory damages, plus attorney fees and costs for each infringement under the U.S. Copyright Act (17 U.S.C. 412 & 504). THIS RENDERING IS CONCEPTUAL---COLORS MAY NOT REPRESENT ACTUAL FINISH---ILLUMINATED AND DAYLIGHT COLORS WILL VARY

Twin Falls City Advisory Committee
Twin Falls, Idaho
11 Aug 2017
3/4" = 1'
See L
See
20076

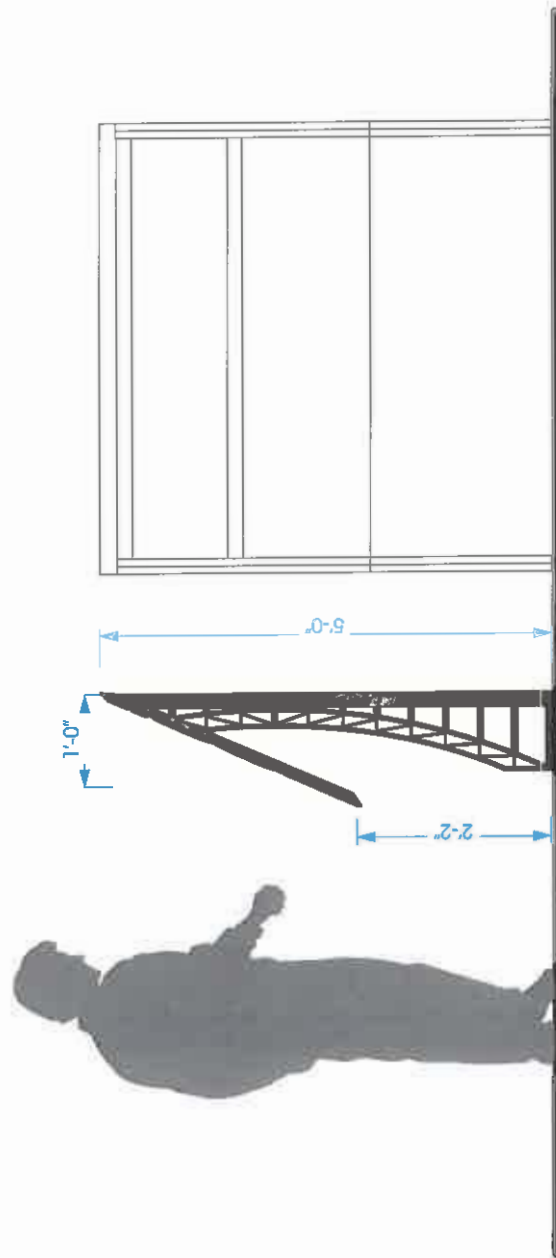
LYTLE SIGNS
LYTLE SIGNS © 2017
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Lytle Signs Inc.

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sales @lytlesigns.com



INTERPRETIVE PANEL SUPPORT STRUCTURE

WATER-JET CUT SIDE DETAIL ATTACHED TO 2" SQUARE TUBE
ADDITIONAL FRAMEWORK AS NEEDED

RUST COLORED POWDER COATED

Appendix E - Pricing Sheet/Proposal



Lytle Signs Inc.

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2070 Commercial St.
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208.388.1739 fax 208.388.3966
Web Site: www.lytlesigns.com
E-mail: sales@lytlesigns.com

PROPOSAL

Proposal #: 25191R

Proposal Date: 10/21/19
Customer #: 5147
Page: 1 of 5
Salesperson: BB

SOLD TO:	JOB LOCATION:
TWIN FALLS CITY ARCHWAY COMMITTEE TBD TWIN FALLS ID 83301	Twin Falls City Archway Committee Twin Falls ID 83301 REQUESTED BY: Kathy Marcus

AS PER SKETCH (IF PROVIDED BY LYTLE SIGNS, INC)

1	QUOTE #39884-TFC Twin Falls Entry Archway - Materials Materials for a 30' x 113'2" overall size double face entry archway 1 - Bridge & Supports constructed from weathering steel square & rectangle tube with natural rust finish (See stamped engineered plans) 2 - (2) Sets of reverse pan channel letters, aluminum faces & 2" aluminum returns painted Blue PMS 3015 C, clear polycarbonate backs, Blue halo illumination, and .080 aluminum shaped backer panel powder coated Silver 3 - (4) Sign panel backgrounds, 2" weathering steel square tube frame (See stamped engineered plans), .080 aluminum cladding painted Duranodic Bronze (Both sides) 4 - (2) Color LED EMCs with cellular communication compatible with Navori & capable of displaying Amber Alerts Daktronics GS6 15.85MM 100 x 200 matrix, mounted on each side of arch above oncoming traffic 5 - (1 Ea.) Illuminated city & county logos, fabricated aluminum cabinet & retainers painted Duranodic Bronze, internal white LED illumination, clear polycarbonate faces with second surface color on color digitally printed logos, flush mounted to frame 6 - (2) Simulated canyon walls, internal steel framework (See stamped engineered plans), 10 gauge weathering steel plate covers cut and welded together with natural rust finish & random etching to create color variation Note: Elements to be designed to deter climbing structure 7 - (4) "U" shaped clear polycarbonate installed over steel beams on first sections of structure to prevent climbing Note: All exposed steel elements fabricated with weathering steel DONATION SERVICES -	\$227,990.00	\$227,990.00
1	QUOTE #39885-TFC Twin Falls Entry Archway - Labor & Concrete Labor for a 30' x 113'2" overall size double face entry archway	\$96,646.00	\$96,646.00

Lytle Signs, Inc. is Licensed in: Idaho, Utah, Oregon, Wyoming, Montana & Nevada (0029311 - \$750,000)

COMPANY INITIALS _____

CUSTOMER INITIALS _____



Lytle Signs Inc.

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PROPOSAL

Proposal #: 25191R

Proposal Date: 10/21/19
Customer #: 5147
Page: 2 of 5
Salesperson: BB

1 - Bridge & Supports constructed from weathering steel square & rectangle tube with natural rust finish (See stamped engineered plans)

2 - (2) Sets of reverse pan channel letters, aluminum faces & 2" aluminum returns painted Blue PMS 3015 C, clear polycarbonate backs, Blue halo illumination, and .080 aluminum shaped backer panel powder coated Silver

3 - (4) Sign panel backgrounds, 2" weathering steel square tube frame (See stamped engineered plans), .080 aluminum cladding painted Duranodic Bronze (Both sides)

4 - (2) Color LED EMCs with cellular communication compatible with Navori & capable of displaying Amber Alerts
Daktronics GS6 15.85MM 100 x 200 matrix, mounted on each side of arch above oncoming traffic

5 - (1 Ea.) Illuminated city & county logos, fabricated aluminum cabinet & retainers painted Duranodic Bronze, internal white LED illumination, clear polycarbonate faces with second surface color on color digitally printed logos, flush mounted to frame

6 - (2) Simulated canyon walls, internal steel framework (See stamped engineered plans), 3/16" weathering steel plate covers cut and welded together with natural rust finish & random etching to create color variation
Note: Elements to be designed to deter climbing structure

7 - (4) "U" shaped clear polycarbonate installed over steel beams on first sections of structure to prevent climbing

Note: All exposed steel elements fabricated with weathering steel

PRICING REFLECTS DONATION SERVICES -
EXCAVATION - \$2100
CONCRETE, REBAR & LABOR - \$18,917
CRANE SERVICE - \$1700

ACQUISITION OF PERMITS AND PERMIT COSTS WILL BE BILLED IN ADDITION (IF APPLICABLE)
ELECTRICAL REPAIRS WILL BE BILLED IN ADDITION AT TIME AND MATERIAL RATES (IF APPLICABLE)
****THIS PROPOSAL MAY BE WITHDRAWN, AND PRICING MAY CHANGE IF NOT ACCEPTED WITHIN 7 DAYS**

TOTAL PROPOSAL AMOUNT: \$324,636.00

TERMS: 50.0% DOWN, BALANCE DUE ON COMPLETION
(INTEREST OF 1.5% PER MONTH WILL BE ADDED TO PAST DUE ACCOUNTS)

TERMS AND CONDITIONS

1. THIS PRICE DOES NOT INCLUDE ELECTRICAL HOOKUP, PERMITS, OR STAMPED ENGINEERED DRAWINGS UNLESS SPECIFICALLY STATED.
2. WORK WILL NOT BEGIN UNTIL DOWN PAYMENT AND WRITTEN ACCEPTANCE IS RECEIVED. ANY ALTERATION FROM THE ABOVE SPECIFICATIONS INVOLVING EXTRA COSTS, WILL BE EXECUTED ONLY UPON WRITTEN ORDERS, AND WILL BECOME AN EXTRA CHARGE OVER AND ABOVE THE ESTIMATE TO BE PAID BY THE PURCHASER.
3. UPON DEFAULT IN THE PAYMENT OF ANY SUMS HEREIN AGREED, LYTLE SIGNS MAY, AT ITS OPTION, DECLARE THE ENTIRE BALANCE PRICE FULLY DUE AND PAYABLE WITHOUT FURTHER NOTICE TO CUSTOMER; AND WHEN DECLARED, CUSTOMER AGREES TO PAY INTEREST ON SAID BALANCE WHEN DECLARED DUE AT THE RATE OF 1.5% PER MONTH. CUSTOMER FURTHER AGREES TO PAY ALL REASONABLE COSTS OF COLLECTION OF SAID BALANCE INCURRED BY THE COMPANY, INCLUDING ATTORNEY'S FEES.
4. CUSTOMER AGREES TO PROVIDE ELECTRICAL SERVICE FEED WIRE OF APPROVED AND SUITABLE CAPACITY TO LOCATION OF DISPLAY IN ADVANCE OF INSTALLATION.
5. AN ADDITIONAL CHARGE WILL BE MADE IF DURING EXCAVATION UNFORESEEN CIRCUMSTANCES ARISE OR IF RESTORATION OF EXISTING LANDSCAPING IS REQUIRED.
6. ALL AGREEMENTS ARE CONTINGENT UPON THE ABSENCE OF STRIKES, DELAYS, OR INCIDENTS BEYOND LYTLE SIGNS, INC. CONTROL.

Lytle Signs, Inc. is Licensed in: Idaho, Utah, Oregon, Wyoming, Montana & Nevada (0029311 - \$750,000)

COMPANY INITIALS _____

CUSTOMER INITIALS _____



Lytle Signs Inc.

Twin Falls Office

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PROPOSAL

Proposal #: 25191R

Proposal Date: 10/21/19
Customer #: 5147
Page: 3 of 5
Salesperson: BB

7. QUOTED PRICE DOES **NOT** INCLUDE ELECTRICAL SERVICE TO OPERATE PROPOSED SIGN OR LIGHTING. ADDITIONAL CHARGES MAY APPLY TO BRING CURRENT ELECTRIC SERVICE AND SIGNAGE TO CODE. ELECTRICAL COMPONENTS WILL COMPLY WITH 120V SERVICE UNLESS OTHERWISE SPECIFIED.
8. INITIAL DESIGN IS INCLUDED IN QUOTE PRICE. CHANGES REQUIRING ADDITIONAL SKETCH TIME WILL BE DONE AT AN HOURLY RATE. REQUEST FOR LOGOS ON CD OR MEMORY STICKS WILL RESULT IN ADDITIONAL CHARGES.
9. THE TIME INTERVAL FOR PROJECT COMPLETION WILL BEGIN WHEN ALL PERTINENT INFORMATION AND PERMITS ARE RECEIVED BY ENGINEERING.

THIS PROPOSAL DOES NOT BECOME EFFECTIVE UNTIL SIGNED AND DATED BY AN AUTHORIZED LYTLE SIGN'S REPRESENTATIVE.

SALESPERSON: _____

DATE: _____

ACCEPTED BY: _____

TITLE: _____

SIGNATURE: _____

DATE: _____



Lytle Signs Inc.

Twin Falls Office

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Web Site: www.lytlesigns.com
E-mail: sales@lytlesigns.com

DEPOSIT INVOICE

Invoice #: DP25191R

Inv Date: 10/21/19
Customer #: 5147
Page: 4 of 5

SOLD TO:	JOB LOCATION:
TWIN FALLS CITY ARCHWAY COMMITTEE TBD TWIN FALLS ID 83301	Twin Falls City Archway Committee Twin Falls ID 83301 REQUESTED BY: Kathy Marcus

ORDERED BY	PO NUMBER	SALESPERSON	PAYMENT TERMS
Kathy Marcus		BB	50.0% Due Upon Receipt

DESCRIPTION		TOTAL PRICE
1	QUOTE #39884-TFC Twin Falls Entry Archway - Materials Materials for a 30' x 113'2" overall size double face entry archway 1 - Bridge & Supports constructed from weathering steel square & rectangle tube with natural rust finish (See stamped engineered plans) 2 - (2) Sets of reverse pan channel letters, aluminum faces & 2" aluminum returns painted Blue PMS 3015 C, clear polycarbonate backs, Blue halo illumination, and .080 aluminum shaped backer panel powder coated Silver 3 - (4) Sign panel backgrounds, 2" weathering steel square tube frame (See stamped engineered plans), .080 aluminum cladding painted Duranodic Bronze (Both sides) 4 - (2) Color LED EMCs with cellular communication compatible with Navori & capable of displaying Amber Alerts Daktronics GS6 15.85MM 100 x 200 matrix, mounted on each side of arch above oncoming traffic 5 - (1 Ea.) Illuminated city & county logos, fabricated aluminum cabinet & retainers painted Duranodic Bronze, internal white LED illumination, clear polycarbonate faces with second surface color on color digitally printed logos, flush mounted to frame 6 - (2) Simulated canyon walls, internal steel framework (See stamped engineered plans), 10 gauge weathering steel plate covers cut and welded together with natural rust finish & random etching to create color variation Note: Elements to be designed to deter climbing structure 7 - (4) "U" shaped clear polycarbonate installed over steel beams on first sections of structure to prevent climbing Note: All exposed steel elements fabricated with weathering steel DONATION SERVICES -	\$227,990.00
1	QUOTE #39885-TFC Twin Falls Entry Archway - Labor & Concrete Labor for a 30' x 113'2" overall size double face entry archway 1 - Bridge & Supports constructed from weathering steel square & rectangle tube with natural rust finish (See stamped engineered plans)	\$96,646.00
PLEASE PAY THIS DEPOSIT AMOUNT:		Continued



Lytle Signs Inc.

Twin Falls Office

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DEPOSIT INVOICE

Invoice #: DP25191R

Inv Date: 10/21/19
Customer #: 5147
Page: 5 of 5

SOLD TO:	JOB LOCATION:
TWIN FALLS CITY ARCHWAY COMMITTEE TBD TWIN FALLS ID 83301	Twin Falls City Archway Committee Twin Falls ID 83301 REQUESTED BY: Kathy Marcus

ORDERED BY	PO NUMBER	SALESPERSON	PAYMENT TERMS
Kathy Marcus		BB	50.0% Due Upon Receipt

DESCRIPTION	TOTAL PRICE
2 - (2) Sets of reverse pan channel letters, aluminum faces & 2" aluminum returns painted Blue PMS 3015 C, clear polycarbonate backs, Blue halo illumination, and .080 aluminum shaped backer panel powder coated Silver 3 - (4) Sign panel backgrounds, 2" weathering steel square tube frame (See stamped engineered plans), .080 aluminum cladding painted Duranodic Bronze (Both sides) 4 - (2) Color LED EMCs with cellular communication compatible with Navori & capable of displaying Amber Alerts Daktronics GS6 15.85MM 100 x 200 matrix, mounted on each side of arch above oncoming traffic 5 - (1 Ea.) Illuminated city & county logos, fabricated aluminum cabinet & retainers painted Duranodic Bronze, internal white LED illumination, clear polycarbonate faces with second surface color on color digitally printed logos, flush mounted to frame 6 - (2) Simulated canyon walls, internal steel framework (See stamped engineered plans), 3/16" weathering steel plate covers cut and welded together with natural rust finish & random etching to create color variation Note: Elements to be designed to deter climbing structure 7 - (4) "U" shaped clear polycarbonate installed over steel beams on first sections of structure to prevent climbing Note: All exposed steel elements fabricated with weathering steel PRICING REFLECTS DONATION SERVICES - EXCAVATION - \$2100 CONCRETE, REBAR & LABOR - \$18,917 CRANE SERVICE - \$1700 TOTAL PROPOSAL AMOUNT *** FINAL INVOICE AMOUNT MAY VARY UPON COMPLETION ***	\$324,636.00 \$162,318.00



Date: Tuesday, November 12, 2019
To: Honorable Mayor and City Council
From: Kathy Markus, Information Services, ITC Manager

ACTION ITEM

Request:

ACTION ITEM: Request permission to add Park View Loop to the list of addresses changes.

Time Estimate:

10 Minutes

Background:

On December 2, 2019, there is a Public Hearing scheduled for the address changes that were brought before council on August 26, 2019. Since that date, the Addressing Committee found Park View Rd has some addresses that cause delays in public safety response.

On 10/16/19, Dispatch received a call from an individual stating that they were on Park View Loop. This address did not verify. The dispatcher was unable to locate the address and reported the incident to IT. After reviewing the plat, it was noted that there is no Park View Loop. There is currently an easement that has all of the addressing off of Park View Rd. This easement functions as a "road", has fire hydrants located on the "road", but has no signage and is not easily identified as being part of Park View Road.

On 11/4/19, the Addressing Committee met and discussed this location. For public safety response, the committee felt it would be better if the easement were a private road and had the blue signage. The group agreed that Park View Loop would be an appropriate name.

There are currently two properties developed on this road and one in development. These three properties and all future properties on the loop would become Park View Loop with the correct East/West addressing.

Approval Process:

Public Hearing on 12/2/19 at 6:00 PM.

Budget Impact:

N/A

Regulatory Impact:

History:

N/A

Analysis:

N/A

Conclusion:

During an emergency, it is critical that the public safety responders are able to find the location of an incident. The City Staff understands that address changes can be a huge undertaking for those impacted by this request. We feel that the changes proposed are critical to the safety of our citizens and will reduce the time for our public safety responders to arrive on scene.

Attachments:

1. Park View Loop





Date: Tuesday, November 12, 2019
To: Honorable Mayor and City Council
From: Wendy Davis, Parks & Recreation Director

ACTION ITEM

Request:

ACTION ITEM: Request to put City Park restroom project out for bid.

Time Estimate:

Presentation will take approximately 5 minutes. Staff recommends allowing some time for discussion and questions.

Background:

In FY 2018, council approved \$190,000 to replace the aging restroom at City Park. The design process took longer than anticipated and therefore the budgeted funds were returned to cash reserves with the expectation that the project would come back to council for funding. The construction climate was not conducive to go to bid late summer, so staff put the project on hold. Professional opinions suggest it is time to put the project out to bid now for late winter/early spring construction.

Construction estimates indicate that a formal bid process will be required, so this request does not include a request for funding. If approved, the project will go to bid and staff will return to council with a request to award a bid and a request for funding.

Approval Process:

A simple majority will approve this request.

Budget Impact:

No budget impact at this time.

Regulatory Impact:

Approval of this request will allow staff to prepare bid documents and put the project out for bid.

History:

N/A

Analysis:

N/A

Conclusion:

Approval does not commit funds at this time. Council will have the opportunity to consider the bids and appropriate funds if prudent. Therefore, staff recommends council approve this request.

Attachments:

None



Date: Tuesday, November 12, 2019
To: Honorable Mayor and City Council
From: Jonathan Spendlove, Planning and Zoning Director

ACTION ITEM

Request:

ACTION ITEM: Request to adopt an ordinance for a Zoning District Change from R-4 to C-1 on property located at 890 Washington Street South. PZ19-0105

Time Estimate:

Approximately five (5) minutes for presentation and questions.

Background:

On September 24th 2019, the Planning and Zoning Commission voted 8-1 recommending approval of this item.

On October 14, 2019, the City Council conducted a Public Hearing on this item. At the conclusion of the Public Hearing and deliberation, the City Council voted 7-0 in approval of the zoning change.

Approval Process:

In order to enact this ordinance today, Council would need to suspend the rules and place it on third and final reading.

Budget Impact:

NA

Regulatory Impact:

If approved Zoning District Change will remove current zone's development entitlements and they will be replaced with the proposed zone's development entitlements. In this case it will remove the R-4 uses and the C-1 Zoning District Land Uses will be allowed.

History:

N/A

Analysis:

N/A

Conclusion:

As directed by Council, staff has prepared an ordinance to finalize the process.

Attachments:

1. PZ19-0105 Jackson's Oasis Washington St S ORD-Rezone

ORDINANCE NO. 2019-012

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF TWIN
FALLS, IDAHO, **REZONING** CERTAIN REAL PROPERTY BELOW
DESCRIBED, PROVIDING THE ZONING CLASSIFICATION
THEREFORE, AND ORDERING THE NECESSARY AREA OF IMPACT
AND ZONING DISTRICTS MAP AMENDMENT

WHEREAS, Jacksons Food Stores, Inc c/o Dan Willie has made application for rezoning of property located at 890 Washington Street South; City of Twin Falls, and an amendment of the revised Area of Impact and Comprehensive Plan Land Use Map; and

WHEREAS, the City Planning & Zoning Commission for the City of Twin Falls, Idaho, held a Public Hearing as required by law on the 24th day of September, 2019, to consider the Zoning Designation and necessary Zoning & Planning Map amendment upon a rezone of the real property below described, and an amendment to the revised area of Impact and Comprehensive Plan Land Use Map; and,

WHEREAS, the City Planning & Zoning Commission has made recommendations known to the City Council for Twin Falls, Idaho; and,

WHEREAS, the City Council for the City of Twin Falls, Idaho, held a Public Hearing as required by law on the 14th day of October, 2019.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL
OF THE CITY OF TWIN FALLS, IDAHO:

SECTION 1. The following described real property located at 890 Washington Street South is the subject of a Zoning District Change and Zoning Map amendment from R-4 to C-1.

"Exhibit A"-Legal Description

SECTION 2. That the Area of Impact and Zoning Districts Map for the City of Twin Falls, Idaho, be and the same area hereby amended to reflect the rezoning designation of the real property above described.

SECTION 3. Public services may not be available at the time of development of this property, depending upon the speed of development of this and other developments, and the ability of the City to obtain additional water and/or

sewer capacity. The annexation of this property shall not constitute a commitment by the City to provide water and/or wastewater services.

PASSED BY THE CITY COUNCIL _____, 20____

SIGNED BY THE MAYOR _____, 20____

Mayor

ATTEST:

Deputy City Clerk

PUBLISH: Thursday, _____, 20____

Exhibit A

A portion of the Southeast 1/4 of the Southeast 1/4 of Section 20, Township 10 South, Range 17 East, B.M., City of Twin Falls, Twin Falls County, Idaho, more particularly described as follows:

Commencing at an Aluminum cap monument marking the Southeast corner of said Section 20, from which an 5/8" Iron Pin marking the South 1/4 corner of said Section 20 bears, North 88°37'00" West, 2635.51 feet; thence on the South boundary line of said Section 20, North 88°37'00" West, 325.05 feet; thence leaving said South boundary line, North 00°36'00" East, 25.00 feet to the **REAL POINT OF BEGINNING**;

thence continuing North 00°36'00" East, 211.40 feet;

thence South 88°37'00" East, 292.05 feet to the West right-of-way line of Washington St. South;

thence on said West right-of-way line the following four (4) courses and distances:

South 00°36'00" West, 101.40 feet;

North 88°37'00" West, 7.00 feet;

South 00°36'00" West, 93.14 feet;

South 48°35'09" West, 17.45 feet to the North right-of-way line of Orchard Drive West;

thence on said North right-of-way line the following three (3) courses and distances:

North 88°37'00" West, 127.03 feet;

South 00°36'00" West, 5.00 feet;

North 88°37'00" West, 145.05 feet to the **REAL POINT OF BEGINNING**.

Containing 1.38 acres, more or less.

End of Description



Date: Tuesday, November 12, 2019
To: Planning and Zoning Commission
From: Steve O'Connor, City Planner

ACTION ITEM

Request:

ACTION ITEM: Request for a Vacation of 3359 sf of Public Utility Easement on property located at 265, 287, & 292 River Vista Place c/o EHM Engineers, Inc. on behalf of Federation Pointe, LLC. (PZ19-0119)

Time Estimate:

10-15 minutes between staff and the applicant.

Background:

The Planning & Zoning Commission heard, deliberated and unanimously recommended approval to the City Council on October 8th, 2019. There were no public comments made or received on the request.

Approval Process:

All procedures will follow the process as described in TF City Code: 10-16-1

Vacations & Dedications require a public hearing before the Planning Commission where the public and the applicant will have the opportunity to make a presentation, ask questions, or voice their concerns. The Planning & Zoning Commission will make a recommendation to the City Council that the vacation be granted or it may recommend a modification to the vacation, or it may recommend that the vacation be denied.

Budget Impact:

N/A

Regulatory Impact:

All entitlements afforded the users of the easement will no longer apply within the area of the request.

History:

The easement is part of the Pinnacle Subdivision, platted in 1996.

Analysis:

This is a request to vacate 3359 sf of Public Utility Easement on property located at 265, 287, & 292 River Vista Place. The applicant has supplied all the required letter form utilities companies and all have granted permission to vacate and or have approved it.

One utility provider has requested a new easement is provided to either replace existing utilities and or provide a new easement over utilities already located in the ground. The new easement will be recorded through a separate instrument and not replaced on the plat.

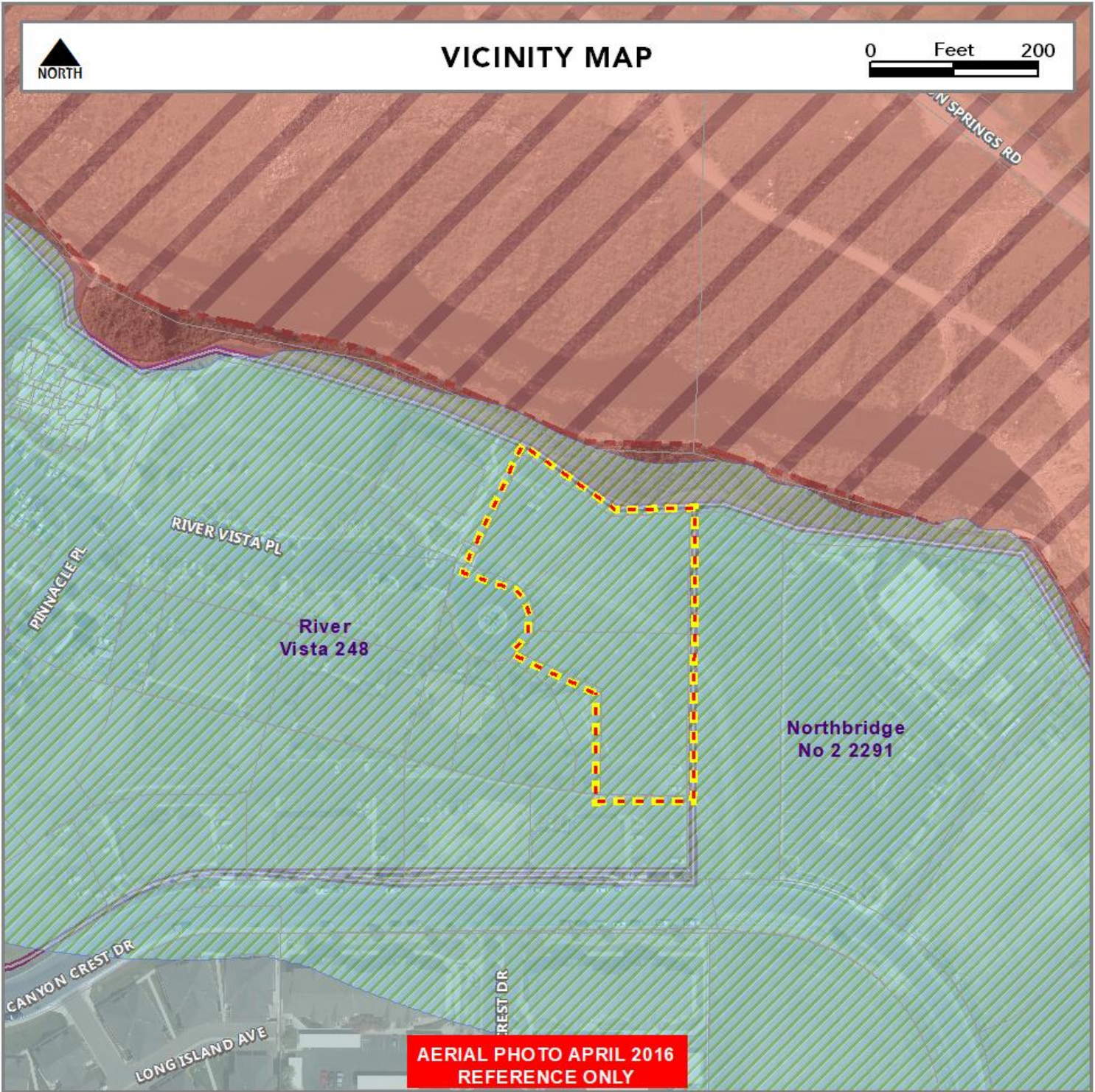
Conclusion:

Should the Council approve this request as presented, staff recommends approval be subject to the following conditions:

1. Subject to continued compliance with all local, state, and federal code requirements and other standards as applicable.

Attachments:

1. 1 - Vicinity
2. 2 - Narrative
3. 3 - Vacation Exhibit
4. 4 - Pinnacle Subdivision
5. 5 - Photos
6. PZ19-0119 Staff Report VAC
7. 10-08-19 PZ Minutes



- | | | | |
|--|-----|---|-----|
|  | CRO |  | OS |
|  | PUD |  | AOI |
|  | C-1 | | |

Current Zoning: C-1 PUD CRO
 Comprehensive Plan: Mixed Use

Existing Land Use: Vacant
 Proposed Land Use: N/A

Surrounding Zoning Designations & Land Use(s)

North: OS Aol; Vacant
 South: C-1 PUD CRO; Residential

East: C-1 PUD CRO; Vacant
 West: C-1 PUD CRO; Office

Applicable Regulations

10-1-4, 10-1-5, 10-16-1



RECEIVED

AUG 27 2019

CITY OF TWIN FALLS
PLANNING & ZONING

August 27, 2019

City of Twin Falls
P.O. Box 1907
Twin Falls, Idaho 83303

Attn.: Jonathan Spendlove
Planning and Zoning Director

Re.: *Federation Pointe, LLC*
Vacation Application

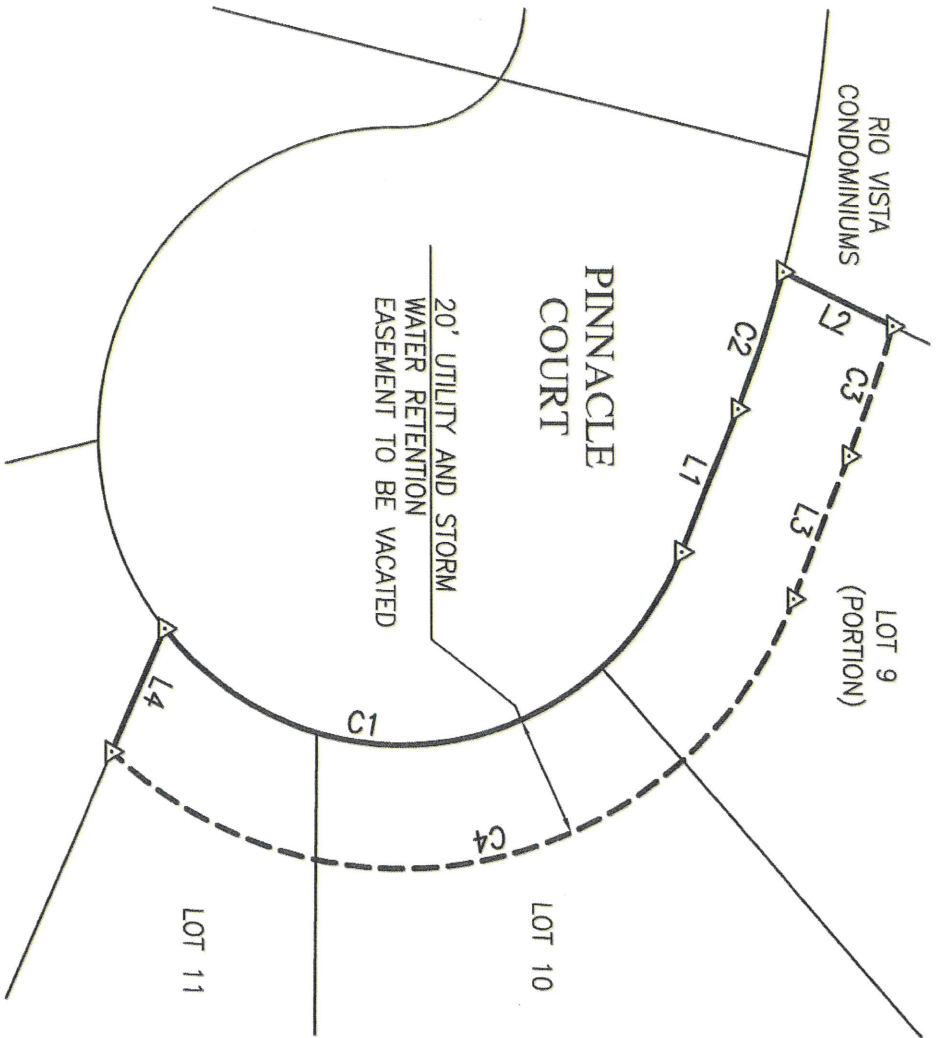
Jonathan,

Please find attached the Application package for vacation of easement contained in the lots identified in The Pinnacle Subdivision. This application is to facilitate the relocation of easements necessary to construct the proposed Bella Vista Offices facility on a portion of lots 9 and 10 and facilitate reconfiguration of the remaining land holdings with a future replat of the area.

All utility companies have been contacted for their authorization and their correspondence is either included in this transmittal or will be forwarded as soon as received. Please feel free to call me if you have any questions.

Sincerely,

Tim Vawser
EHM Engineers, Inc.

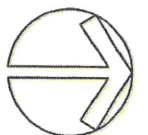


Curve Table

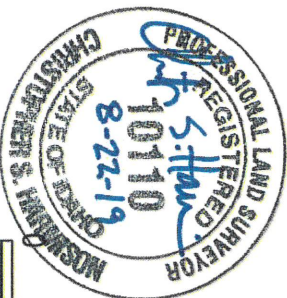
CURVE #	DELTA	RADIUS	ARC	CHORD	TANGENT	CHORD BRG
C1	119°28'07"	50.00'	104.26'	86.37'	85.68'	N8°24'07"W
C2	5°59'51"	225.00'	23.55'	23.54'	11.79'	N71°08'06"W
C3	5°12'56"	245.00'	22.30'	22.29'	11.16'	S70°44'38"E
C4	111°11'14"	70.00'	135.84'	115.51'	102.21'	S12°32'34"E

Line Table

LINE #	BEARING	DISTANCE
L1	N68°08'11"W	25.00'
L2	N25°22'10"E	20.26'
L3	S68°08'11"E	25.00'
L4	N66°17'13"W	21.75'



Located In
A Portion of
Lots 9, 10 & 11, Block 1
The Pinnacle Subdivision
In
N² SW⁴, Section 33
Township 9 South, Range 17 East
Boise Meridian
Twin Falls County, Idaho
2019



SCALE IN FEET

EXHIBIT EASEMENT VACATION TWIN FALLS, IDAHO



EHM Engineers, Inc.
BUILDING THE FUTURE ON A FOUNDATION OF EXCELLENCE

Engineers / Surveyors / Planners
621 North College Road, Suite 100 Twin Falls, Idaho 83301
p (208)-734-4888 fax (208)-734-6049 web: ehminc.com

JOB NO.:	120-19
APPROVED	
DESIGN	
DRAWN	CSH
DATE	AUG. 2019
SCALE	SHOWN
120-19 EXT-VACATE	
Sheet No.:	1



"THE PINNACLE SUBDIVISION"

A Planned Unit Development

located in
N² SW⁴, Section 33
T. 9 S., R. 17 E., B.M.
Twin Falls County, Idaho
1996

LEGEND:

- SUBDIVISION BOUNDARY
- LOT LINE
- LANDSCAPE, UTILITY & IRRIGATION EASEMENT
- LANDSCAPE, UTILITY, IRR. & PUBLIC ACCESS EASEMENT
- CANYON RIM
- INITIAL POINT - SET BRASS CAP
- SET 5/8" x 30" REBAR & CAP
- SET 1/2" x 24" REBAR & CAP

NOTES:

PINNACLE COURT AND PINNACLE PLACE SHALL BE PRIVATE ROADS OWNED AND MAINTAINED BY THE PINNACLE HOMEOWNER'S ASSOC. TRACTS 'A' AND 'B' SHALL BE USED FOR UTILITY EASEMENTS, COMMON AREA PUBLIC ACCESS EASEMENTS, STORM WATER RETENTION AREAS AND ROADWAY AS REQUIRED.

THIS PROPERTY IS SUBJECT TO APPROVED GEOLOGICAL REPORTS FOR THE NORTHBRIDGE 2 P.U.D. AGREEMENT.

LANDSCAPING ALONG WASHINGTON ST. NO. SHALL CONFORM TO THE NORTHBRIDGE 2 P.U.D. AGREEMENT.

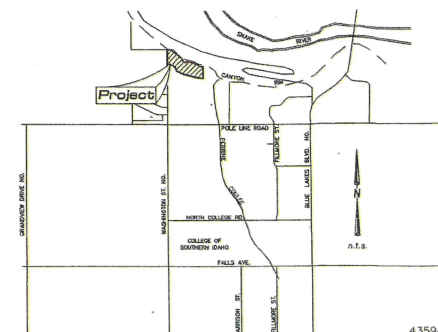
OPEN SPACE LANDS AND THEIR DEVELOPMENT SHALL BE DICTATED BY THE NORTHBRIDGE 2 P.U.D. AGREEMENT.

THE EASEMENTS SHOWN BETWEEN LOTS 1 & 21, 4 & 5, AND 10 & 11 SHALL INCLUDE PUBLIC ACCESS TO COMMON AREAS.

A 20' WIDE UTILITY AND STORM WATER RETENTION EASEMENT SHALL EXIST ALONG ALL FRONT LOT LINES ADJOINING STREETS UNLESS SHOWN OTHERWISE.

THE LOTS ON THIS PLAT ARE SUBJECT TO INDIVIDUAL STORM WATER RETENTION REQUIREMENTS AS APPROVED BY THE CITY ENGINEER. INDIVIDUAL LOT OWNERS SHALL BE RESPONSIBLE FOR MAINTAINING THE STORM WATER RETENTION AREAS AS REQUIRED AND SHOWN ON THE DEVELOPMENT PLANS ON FILE WITH THE CITY OF TWIN FALLS ENGINEERING DEPARTMENT.

Vicinity Sketch



HEALTH CERTIFICATE

Sanitary restrictions are required by Idaho Code Title 50, Chapter 13, have been satisfied. Sanitary restrictions may be reimposed, in accordance with Idaho Code Title 50, Chapter 13, Section 50-1326, by the issuance of a certificate of non-compliance.

Done: *[Signature]* Solid Central District Health Dept., EHS

The lots on this plat are eligible to receive water service from the City of Twin Falls Municipal Water System (I.C. 50-1334)

CURVE DATA									
CRV.	DELTA	RADIUS	ARC	CHORD	TANGENT	CHORD BRG	CRV.	DELTA	RADIUS
1	90°55'	100.00	15.86	15.86	7.96	S 68°23'17"E	25	118°39'26"	50.00
2	20°00'00"	100.00	34.63	34.75	17.64	N 67°28'54"E	26	3°39'04"	50.00
3	84°09'00"	400.00	81.57	81.51	30.85	S 57°20'09"E	27	60°07'57"	50.00
4	14°45'36"	400.00	103.04	102.76	51.81	S 65°07'31"E	28	48°59'41"	20.00
5	8°37'45"	400.00	30.12	30.09	15.03	S 67°46'11"E	29	7°05'28"	125.00
6	16°59'52"	200.00	59.33	59.12	29.89	N 76°38'07"W	30	20°00'40"	75.00
7	156°38'	75.00	5.93	5.93	5.97	N 84°04'04"E	31	7°47'11"	425.00
8	30°39'22"	20.00	10.70	10.57	5.46	N 87°51'47"W	32	85°17'48"	20.00
9	53°11'36"	20.00	18.57	17.91	10.01	N 25°58'18"W	33	82°05'15"	20.00
10	91°33'51"	50.00	39.90	71.87	51.36	S 48°01'16"E	34	2°10'27"	68.00
11	37°48'02"	50.00	32.96	32.36	17.10	N 70°12'58"E	35	5°37'45"	235.00
12	26°33'18"	50.00	30.48	30.12	15.03	N 53°48'18"E	36	47°17'01"	20.00
13	57°50'14"	20.00	20.48	48.36	27.73	N 12°38'38"W	37	10°32'07"	20.00
14	26°41'15"	50.00	32.19	22.99	11.81	N 54°51'03"W	38	16°41'56"	20.00
15	12°42'01"	50.00	7.97	7.97	28.76	N 71°42'01"W	39	12°42'01"	20.00
16	22°59'52"	225.00	9.95	9.95	4.77	N 83°57'07"W	40	32°42'00"	225.00
17	156°38'	75.00	5.93	5.93	5.97	N 84°04'04"E	41	7°47'11"	425.00
18	30°39'22"	20.00	10.70	10.57	5.46	N 87°51'47"W	42	85°17'48"	20.00
19	53°11'36"	20.00	18.57	17.91	10.01	N 25°58'18"W	43	82°05'15"	20.00
20	91°33'51"	50.00	39.90	71.87	51.36	S 48°01'16"E	44	2°10'27"	68.00
21	37°48'02"	50.00	32.96	32.36	17.10	N 70°12'58"E	45	5°37'45"	235.00
22	26°33'18"	50.00	30.48	30.12	15.03	N 53°48'18"E	46	47°17'01"	20.00
23	57°50'14"	20.00	20.48	48.36	27.73	N 12°38'38"W	47	10°32'07"	20.00
24	26°41'15"	50.00	32.19	22.99	11.81	N 54°51'03"W	48	16°41'56"	20.00
25	12°42'01"	50.00	7.97	7.97	28.76	N 71°42'01"W	49	12°42'01"	20.00
26	22°59'52"	225.00	9.95	9.95	4.77	N 83°57'07"W	50	32°42'00"	225.00
27	156°38'	75.00	5.93	5.93	5.97	N 84°04'04"E	51	7°47'11"	425.00
28	30°39'22"	20.00	10.70	10.57	5.46	N 87°51'47"W	52	85°17'48"	20.00
29	53°11'36"	20.00	18.57	17.91	10.01	N 25°58'18"W	53	82°05'15"	20.00
30	91°33'51"	50.00	39.90	71.87	51.36	S 48°01'16"E	54	2°10'27"	68.00
31	37°48'02"	50.00	32.96	32.36	17.10	N 70°12'58"E	55	5°37'45"	235.00
32	26°33'18"	50.00	30.48	30.12	15.03	N 53°48'18"E	56	47°17'01"	20.00
33	57°50'14"	20.00	20.48	48.36	27.73	N 12°38'38"W	57	10°32'07"	20.00
34	26°41'15"	50.00	32.19	22.99	11.81	N 54°51'03"W	58	16°41'56"	20.00
35	12°42'01"	50.00	7.97	7.97	28.76	N 71°42'01"W	59	12°42'01"	20.00
36	22°59'52"	225.00	9.95	9.95	4.77	N 83°57'07"W	60	32°42'00"	225.00
37	156°38'	75.00	5.93	5.93	5.97	N 84°04'04"E	61	7°47'11"	425.00
38	30°39'22"	20.00	10.70	10.57	5.46	N 87°51'47"W	62	85°17'48"	20.00
39	53°11'36"	20.00	18.57	17.91	10.01	N 25°58'18"W	63	82°05'15"	20.00
40	91°33'51"	50.00	39.90	71.87	51.36	S 48°01'16"E	64	2°10'27"	68.00
41	37°48'02"	50.00	32.96	32.36	17.10	N 70°12'58"E	65	5°37'45"	235.00
42	26°33'18"	50.00	30.48	30.12	15.03	N 53°48'18"E	66	47°17'01"	20.00
43	57°50'14"	20.00	20.48	48.36	27.73	N 12°38'38"W	67	10°32'07"	20.00
44	26°41'15"	50.00	32.19	22.99	11.81	N 54°51'03"W	68	16°41'56"	20.00
45	12°42'01"	50.00	7.97	7.97	28.76	N 71°42'01"W	69	12°42'01"	20.00
46	22°59'52"	225.00	9.95	9.95	4.77	N 83°57'07"W	70	32°42'00"	225.00
47	156°38'	75.00	5.93	5.93	5.97	N 84°04'04"E	71	7°47'11"	425.00
48	30°39'22"	20.00	10.70	10.57	5.46	N 87°51'47"W	72	85°17'48"	20.00
49	53°11'36"	20.00	18.57	17.91	10.01	N 25°58'18"W	73	82°05'15"	20.00
50	91°33'51"	50.00	39.90	71.87	51.36	S 48°01'16"E	74	2°10'27"	68.00
51	37°48'02"	50.00	32.96	32.36	17.10	N 70°12'58"E	75	5°37'45"	235.00
52	26°33'18"	50.00	30.48	30.12	15.03	N 53°48'18"E	76	47°17'01"	20.00
53	57°50'14"	20.00	20.48	48.36	27.73	N 12°38'38"W	77	10°32'07"	20.00
54	26°41'15"	50.00	32.19	22.99	11.81	N 54°51'03"W	78	16°41'56"	20.00
55	12°42'01"	50.00	7.97	7.97	28.76	N 71°42'01"W	79	12°42'01"	20.00
56	22°59'52"	225.00	9.95	9.95	4.77	N 83°57'07"W	80	32°42'00"	225.00
57	156°38'	75.00	5.93	5.93	5.97	N 84°04'04"E	81	7°47'11"	425.00
58	30°39'22"	20.00	10.70	10.57	5.46	N 87°51'47"W	82	85°17'48"	20.00
59	53°11'36"	20.00	18.57	17.91	10.01	N 25°58'18"W	83	82°05'15"	20.00
60	91°33'51"	50.00	39.90	71.87	51.36	S 48°01'16"E	84	2°10'27"	68.00
61	37°48'02"	50.00	32.96	32.36	17.10	N 70°12'58"E	85	5°37'45"	235.00
62	26°33'18"	50.00	30.48	30.12	15.03	N 53°48'18"E	86	47°17'01"	20.00
63	57°50'14"	20.00	20.48	48.36	27.73	N 12°38'38"W	87	10°32'07"	20.00
64	26°41'15"	50.00	32.19	22.99	11.81	N 54°51'03"W	88	16°41'56"	20.00
65	12°42'01"	50.00	7.97	7.97	28.76	N 71°42'01"W	89	12°42'01"	20.00
66	22°59'52"	225.00	9.95	9.95	4.77	N 83°57'07"W	90	32°42'00"	225.00
67	156°38'	75.00	5.93	5.93	5.97	N 84°04'04"E	91	7°47'11"	425.00
68	30°39'22"	20.00	10.70	10.57	5.46	N 87°51'47"W	92	85°17'48"	20.00
69	53°11'36"	20.00	18.57	17.91	10.01	N 25°58'18"W	93	82°05'15"	20.00
70	91°33'51"	50.00	39.90	71.87	51.36	S 48°01'16"E	94	2°10'27"	68.00
71	37°48'02"	50.00	32.96	32.36	17.10	N 70°12'58"E	95	5°37'45"	235.00
72	26°33'18"	50.00	30.48	30.12	15.03	N 53°48'18"E	96	47°17'01"	20.00
73	57°50'14"	20.00	20.48	48.36	27.73	N 12°38'38"W	97	10°32'07"	20.00
74	26°41'15"	50.00	32.19	22.99	11.81	N 54°51'03"W	98	16°41'56"	20.00
75	12°42'01"	50.00	7.97	7.97	28.76	N 71°42'01"W	99	12°42'01"	20.00
76	22°59'52"	225.00	9.95	9.95	4.77	N 83°57'07"W	100	32°42'00"	225.00



SE Corner Looking N



W edge Looking E



Comprehensive Staff Report

To: Twin Falls City Council

Presenter: Steve O'Connor, City Planner

Request: To **Vacate** platted easements and dedicated right of way within lots, 5, 6, 7, 9, and 10, Block 14 in the Canyon Trails Subdivision No. 5 located at 1725 Park View Drive.

Application: PZ19-0042

Applicant & Representative:

Canyon Properties LLC,
c/o EHM Engineers, INC
621 North College Rd.
Twin Falls, ID 83301
208.734.4888

Public Hearing: November 12th, 2019

Analysis

This is a request to vacate 3359 sf of Public Utility Easement on property located at 265, 287, & 292 River Vista Place. The applicant has supplied all the required letter form utilities companies and all have granted permission to vacate and or have approved it.

One utility provider has requested a new easement is provided to either replace existing utilities and or provide a new easement over utilities already located in the ground. The new easement will be recorded through a separate instrument and not replaced on the plat.

The Planning & Zoning Commission heard, deliberated and all present recommended approval to the City Council on October 8th, 2019. There were no public comments made or received on the request.

Approval Process

All procedures will follow the process as described in TF City Code: 10-16-1

Vacations & Dedications require a public hearing before the Planning Commission where the public and the applicant will have the opportunity to make a presentation, ask questions, or voice their concerns. The Planning & Zoning Commission will make a recommendation to the City Council that the vacation be granted or it may recommend a modification to the vacation, or it may recommend that the vacation be denied.

Comprehensive Plan Compliance

This request does not contradict any elements or chapters of the 2016 Comprehensive Plan.

Conclusion

Should the Council approve the request as presented, staff recommends approval be subject to the following conditions:

1. Subject to continued compliance with all local, state, and federal code requirements and other standards as applicable.

Attachments

1. Vicinity Map
2. Narrative
3. Vacation Exhibit
4. Pinnacle Subdivision Plat
5. Photos

Public Hearing: November 12th, 2019



Twin Falls Planning & Zoning Commission Minutes

Tuesday, October 8, 2019, 6:00 PM

203 Main Avenue East
Twin Falls, ID 83301
Council Chambers

Members -

City Limits: Danielle Titus, Chairperson; Craig Kelley, Vice-Chair; Craig Hawkins; Ed Musser; Carolyn Bolton; Curtis Hansen; Marilu Perez

Area of Impact: Ryan Higley; David Detweiler

1) Confirmation of Quorum/Call Meeting to Order

Chairperson Titus called the meeting to order at 6:00 pm.

A quorum was present.

Members present: Titus, Bolton, Kelley, Musser, Hawkins

Staff present: Spendlove, O'Connor, Ebersole, Vitek, Nope

2) Consent Calendar

Commissioner Bolton made a motion to approve the consent calendar, as presented. Commissioner Kelley seconded the motion.

Unanimously Approved

a) Approval of Minutes from the following meeting: September 24, 2019

b) Approval of Findings of Fact and Conclusions of Law:

- Daniel Corsini SUP
- Clysdale Enterprises SUP

3) Public Hearings

a) Request for a Special Use Permit to allow a detached accessory building over 1,500 square feet on property located at 1615 Temple View Way c/o C-N-R Construction, LLC on behalf Phillip & Melinda Belnap (PZ19-0109)

Staff Presentation:

City Planner O'Connor presented the request for a Special Use Permit to allow a detached accessory building over 1,500 square feet on property located at 1615 Temple View Way c/o C-N-R Construction, LLC on behalf Phillip & Melinda Belnap (PZ19-0109)

The Special Use Permit process requires a public hearing in which interested persons have the opportunity to be heard, with regards to the application.

The Commission shall make a decision on the request within thirty (30) days after the public hearing. If Conditions of Approval are placed on the permit by the Commission, the Administrator shall issue the permit specifically listing such conditions. Conditions shall be implemented within 6 months or the permit is void.

If the Commission's decision is appealed within fifteen (15) days of the signing of the Findings of Fact,

City Council shall set a hearing date to consider all information, testimony and minutes of the previous hearing to reach a decision on the appeal.

Per City and County records, the primary residence on the subject property was first built in 2017. This is a request to construct a detached accessory building larger than 1500 sq. ft. (approx. 1700 sq. ft.) on property located at 1615 Temple View Way. The subject property is located within the SUI (Suburban Urban Interface) Zoning District and Shoshone Heights Planned Unit Development (#256).

The applicant states the accessory building will be used for personal storage. The site plan and elevations submitted indicate that the accessory building will have two (2) garage bays and siding, faux stone, and stucco to match the primary residence.

If the Commission approves this request as presented, then staff recommends the following conditions:

1. Subject to continued compliance with all local, state, and federal code requirements and other standards as applicable.
2. Subject to personal use only - no commercial activity.

Applicant Presentation:

Nevin O'Berg, C-N-R Construction, representing applicant, presented the request for a Special Use Permit to allow a detached accessory building on property located at 1615 Temple View Way. He stated that the accessory building will be used for Personal use only (boat storage, woodworking shop). The outside of the building will match the house with stucco and culture stone, and metal siding. The accessory building will use the existing driveway. The building will be approximately 1700 sq. ft.

PZ/Questions & Comments:

- Commissioner Bolton asked applicant if the building will be plumbed and will it be used as residential space?
- Mr. O'Berg stated the building may have plumbing. He stated the septic system is designed to handle the load. He assured there will be no residential space.

Public Hearing: Opened and Closed Without Input

Discussions Followed:

- Commissioner Musser asked staff if this building could be used for commercial purposes.
- City Planner O'Connor stated the owner could use the building for a Home Occupation if they came back for a Special Use Permit.

Motion:

Commissioner Kelley made a motion to recommend approval of the request, as presented, with staff recommendations. Commissioner Musser seconded the motion.

Unanimously approved

- b) Request for a recommendation to City Council for a Vacation of 3359 sf of Public Utility Easement on property located at 265, 287, & 292 River Vista Place c/o EHM Engineers, Inc. on behalf of Federation Pointe, LLC. (PZ19-0119)

Staff Presentation:

City Planner O'Connor presented the Request for a recommendation to City Council for a Vacation of 3359 sf of Public Utility Easement on property located at 265, 287, & 292 River Vista Place c/o EHM Engineers, Inc. on behalf of Federation Pointe, LLC. (PZ19-0119)

All procedures will follow the process as described in TF City Code: 10-16-1

Vacations & Dedications require a public hearing before the Planning Commission where the public and the applicant will have the opportunity to make a presentation, ask questions, or voice their concerns. The Planning & Zoning Commission will make a recommendation to the City Council that the vacation be granted or it may recommend a modification to the vacation, or it may recommend that the vacation be denied.

The easement is part of the Pinnacle Subdivision, platted in 1996.

This is a request to vacate 3359 sf of Public Utility Easement on property located at 265, 287, & 292 River Vista Place. The applicant has supplied all the required letter form utilities companies and all have granted permission to vacate and or have approved it.

One utility provider has requested a new easement is provided to either replace existing utilities and or provide a new easement over utilities already located in the ground. The new easement will be recorded through a separate instrument and not replaced on the plat.

Should the Commission recommend approval to the City Council as presented, staff recommends approval be subject to the following conditions:

1. Subject to continued compliance with all local, state, and federal code requirements and other standards as applicable.

Applicant Presentation:

Tim Vawser, EHM Engineers, representing applicant, presented the request for a recommendation to City Council for a vacation of 3359 sf of Public Utility Easement on property located at 265, 287, 292 River Vista Place on behalf of Federation Pointe, LLC. This property was part of Pinnacle Subdivision originally platted in the 1990's. There is now a different vision for the property. He stated this property will be used for an office building. He stated there will be a replacement easement for more area as defined by the new building layouts.

PZ/Questions & Comments:

- Commissioner Titus asked for clarification the location of the vacation.
- City Planner O'Connor clarified the location.

Public Hearing: Opened and Closed without input

Discussions Followed: without concerns

Motion:

Commissioner Bolton made a motion to recommend approval of the request, as presented, with staff recommendations. Commissioner Musser seconded the motion.

Unanimously approved

4) Upcoming Meeting(s)

- a) Tuesday, October 22, 2019
Wednesday, October 30, 2019 - **Worksession**

No meeting on Tuesday, November 5, 2019

Commissioner Hawkins gave positive feedback on the APA Conference held last week, hosted by the City of Twin Falls Planning and Zoning Department.

5) Adjournment

The meeting adjourned at 06:23 PM

Kelli Ebersole

Kelli Ebersole, Administrative Assistant



Date: Tuesday, November 12, 2019
To: Honorable Mayor and City Council
From: Mitch Humble, Deputy City Manager

ACTION ITEM

Request:

ACTION ITEM: Request to dispose of real property located at 303 4th Avenue East.

Time Estimate:

The staff presentation will only take a few minutes. Some time will be needed for public input.

Background:

In 1999, The City purchased a half share of the property located at 303 4th Ave East, Twin Falls Townsite Block 47, Lot 9. See the attached aerial photo location map. The party that we bought our share from only owned the half share. The other half share has since been purchased by members of the Stephenson family. This lot contains a small parking lot that the City intended to use as overflow parking for the City Council Chambers, located a block away at 305 3rd Ave East. The Stephenson family owns the small office building across the street from the parking lot, in between the former Council Chambers building and the parking lot.

Users of the Council Chambers building never really used the parking lot much, as there is much more convenient parking on the streets nearby and at the former City Hall site. Since the Council Chambers have been moved into our new City Hall on Main Ave East, the City's use of this parking lot has almost entirely disappeared. Currently, the parking lot represents a maintenance and parking enforcement burden for the City with no real advantage at all.

The Stephenson family has reached out to me to discuss our combined ownership of the lot. They have an interest in owning the lot outright, rather than sharing ownership with the City. There may, or may not be others interested in acquiring our one half share of the lot as well. In discussing the issue with City staff, we feel like selling our share of the parking lot would also be beneficial by reducing our costs for maintenance and parking enforcement.

The City has a specific process to go through in order to dispose of surplus property. That process involves adoption of a resolution declaring the property surplus and the city's intent to dispose of it, a public hearing on the disposition proposal, a public auction, and the Council's awarding the sale to the winner of the auction. Tonight's item is the required public hearing. Following the public hearing, the Council will decide whether or not to continue with the sale of the property.

One additional item the Council will need to consider is whether or not to set a minimum auction price for the property. Idaho Statutes allow the City Council to set a minimum auction price or not. About a year ago, the City sold the former Development Services building on Hansen Street. In that process, the Council did set a minimum auction price. We did not receive any bids in that auction, and ended up in negotiations with three different interested parties. In the end, the property was sold for about a third

less than the desired minimum auction price.

The City only owns a half share of the property. Therefore, we suspect that interest in the property could be limited. A minimum auction price could further limit interest in the property.

If the Council desires to set a minimum auction value, there are a couple of ways to determine what that value could be. We could have an appraisal prepared for the property. I estimate the cost of an appraisal would be around \$2,000. That amount would need to be paid for with the proceeds from the sale of the property. Also, the Stephenson family's half share of the property has a current taxable value of \$15,191. If the County were to assign a value to City owned parcels, we believe the taxable value of our half share would be equal to that amount. That could be another reasonable way to set a minimum auction price for our property.

Approval Process:

A simple majority vote is needed to direct staff to offer the property for sale by public auction. Should the Council elect to establish a minimum value of the property, a simple majority vote is necessary to do that as well.

Budget Impact:

There will be a minimal publication cost associated with the approval of this request to notify the public of the auction. Any revenue received for the sale of the property would be received as unanticipated revenue into the City's General Fund.

Regulatory Impact:

Should the Council approve this request, staff will prepare a public notice advertising the sale of real property located at 303 4th Avenue East by public auction. The auction process will be by sealed bids to be opened at a predetermined time as stated in the public notice.

History:

N/A

Analysis:

N/A

Conclusion:

Staff recommends that the Council approve the request and begin the public auction for surplus real property owned by the City of Twin Falls, located at 303 4th Avenue East.

Attachments:

1. Location Map



Subject Property
– 303 4th Ave East

Idaho St East

4th Ave East

Former City
Council Chambers
– 305 3rd Ave East

Police Station –
321 2nd Ave East

