February 4, 2016

STAFF REPORT Hearing Officer

PROJECT NAME

### WARREN FEDERAL CREDIT UNION PROJECT DEVELOPMENT PLAN, PDP150011

#### STAFF

Jason Holland, City Planner

#### **PROJECT INFORMATION**

PROJECT DESCRIPTION:	This is a request for a Project Development Plan (PDP) located on East Drake Road at the southeast corner of East Drake Road and Illinois Drive. The property is approximately two acres and is in the Neighborhood Commercial District (NC) zone district. The project is referred to as Warren Federal Credit Union, file #PDP150011. The request proposes dividing the site into three lots and one tract. Lot 3 is proposed to be developed first, and includes one building for the Warren Federal Credit Union as well as additional office and retail space within the building. The proposed building is two stories. Lots 1 and 2 front on Illinois Drive, west of the bank/retail building on Lot 3, and propose future buildings that will be reviewed at a later time. The future buildings include a retail use on Lot 1 and a restaurant use on Lot 2. The remaining portion of the site is shared parking located in Tract A, and includes 88 off-street parking spaces.
APPLICANT:	Mike McBride BHA Design 1603 Oakridge Drive Fort Collins, CO 80525
OWNER:	Warren Federal Credit Union 114 East 7th Avenue Cheyenne, WY 82001
<b>RECOMMENDATION:</b>	Approval

### **EXECUTIVE SUMMARY**

The approval of the Warren Federal Credit Union PDP complies with the applicable requirements of the City of Fort Collins Land Use Code (LUC), more specifically:

- The PDP complies with process located in Division 2.2 Common Development Review Procedures for Development Applications of Article 2 - Administration, which includes a waiver of the required neighborhood meeting.
- The PDP complies with the relevant Neighborhood Commercial (N-C) District standards in Division 4.23 of the Land Use Code.
- The PDP complies with the relevant standards located in Article 3 General Development Standards.

## LOCATION MAP:



### COMMENTS:

### 1. <u>Background:</u>

The surrounding zoning and land uses are as follows:

Direction	Zone District	Existing Land Uses
North	Medium Density Mixed Use Neighborhood (M-M-N)	Sidehill residential subdivision
South	Neighborhood Commercial (N-C)	Flats at Ridgen Farm residential subdivision
East	Neighborhood Commercial (N-C)	Rigden Farm Senior Living
West	Neighborhood Commercial (N-C)	Shops at Rigden Farm

### 2. <u>Compliance with Applicable Neighborhood Commercial District Standards</u>:

The project complies with all applicable Neighborhood Commercial standards with the following relevant comments provided:

### A. Section 4.23(B)(2)(c) - Permitted Uses

The proposed <u>office, retail and financial service</u> uses are consistent with the permitted uses in the Neighborhood Commercial (N-C) zone district, subject to a Type 1 administrative review.

### B. Section 4.23(E) - Development Standards

The project is in compliance with these standards, with the following comments provided:

- The project complies with the LUC 4.23(E)(1) Site Planning standards by providing a logical development pattern, with buildings directly oriented along the surrounding streets. Pedestrian sidewalks with street trees integrated into the sidewalk system provide a visual and functional link with the existing grocery anchored *neighborhood center* to the west as well as existing residential and institutional uses to the north, south and east.
- 2. The proposed outdoor plaza space along the south frontage of Lot 3 provides a *Central Gathering Space* in accordance with *LUC 4.23(E)(1)(b)*. Benches, landscaping and retaining walls are provided along the Limon Drive street sidewalk to provide a sense of privacy and transition from the street.
- 3. The project is well integrated into the surrounding street system and with the *Neighborhood Commercial District* as a whole, which includes the grocery-anchored center to the west, which provides an *integrated transit stop* in accordance with *LUC 4.23(E)(1)(c)*.
- 4. The project complies with the LUC 4.23(E)(2)(b) Minimum Building Frontage standards by providing building frontage along at least 50% of the total block frontage.
- 5. The project complies with the LUC 4.23(E)(2)(d) *Building Height* by providing a building that is at least 20 feet in height.

#### 3. <u>Compliance with Article 3 of the Land Use Code - General Development Standards</u>

The project complies with all applicable General Development Standards with the following relevant comments provided:

- A. Section 3.2.1 Landscaping and Tree Protection
  - 1. Parking lot landscaping is planted in excess of the minimum tree planting requirements, with additional ornamental trees added along the north and south side of the building;
  - 2. "Full Tree Stocking" is provided along all high use and high visibility areas of the building;
  - 3. The project has adequate spacing of street trees along all surrounding streets and all street tree separation requirements are met adjacent to street lights and street signage;
  - 4. The parking lot perimeter is planted with a combination of trees and shrubs that provide an adequate screen and appropriate transition and screen between the parking area and surrounding public streets;
  - 5. The trash enclosure is proposes durable materials to match the building's exterior and plant material is provided to the east and west of the building to provide screening and buffering of the trash enclosure walls.

### B. Section 3.2.2 - Access, Circulation and Parking

The development proposal satisfies the on-site parking minimum and maximum requirements for the uses proposed as set forth in Section 3.2.2(K)(1)(a) of the LUC. The minimum total parking required is 69 spaces, and the maximum total parking permitted is 136 spaces. A total of 88 parking spaces are proposed. All parking access, circulation and dimensional requirements are satisfied. Direct sidewalk access is provided from all surrounding streets with sidewalks widths that meet city requirements.

- C. Section 3.5.3 Mixed-Use, Institutional and Commercial Buildings
  - 1. The proposed building is oriented towards the street in conformance with the "build-to" line requirement of this section.
  - 2. The overall design satisfies the institutional building requirements of Section 3.5.3. "Variation in massing" requirements are satisfied by breaking up the building mass into a series of intersecting wall planes in a module format. Variations in massing, juxtaposed materials and forms, and repeated patterns of recesses and projections provide vertical and horizontal interest, breaking down the overall scale of the building.
  - Significant attention is given to the variation in material patterns and textures. The use of materials and patterns is balanced, with colors and textures helping to emphasize and articulate overall building forms.
  - 4. Entrances are clearly identified and articulated with entrance awnings and overhangs as a sheltering element.
  - 5. All facades are subdivided and proportioned using features such as windows, architectural insets, integrally colored masonry and changes in texture and material.

### 4. <u>Neighborhood Meeting</u>

A neighborhood meeting was not required and a meeting was not held.

### 5. Findings of Fact

When considering the Warren Federal Credit Union Project Development Plan, file #PDP150011, staff makes the following findings of fact:

- A. The PDP complies with the process located in Division 2.2 Common Development Review Procedures for Development Applications of Article 2 - Administration.
- B. The PDP complies with the relevant Neighborhood Commercial (N-C) District standards in Division 4.23 of the Land Use Code.
- D. The PDP complies with the relevant standards located in Article 3 General Development Standards.

### **RECOMMENDATION:**

Staff recommends approval of Warren Federal Credit Union Project Development Plan, file #PDP150011 based on the Findings of Fact.

### ATTACHMENTS

- 1. Planning Objectives Narrative
- 2. Site plan
- 3. Landscape Plan
- 4. Building Elevations
- 5. Plat
- 6. Existing Conditions Plan
- 7. Photometric Plan
- 8. Utility Plans

### **Statement of Planning Objectives**

Warren Federal Credit Union – East Drake Project

July 14, 2015

### **Project Overview**

Warren Federal Credit Union, based in Cheyenne, is a successful and growing financial institution with an existing Fort Collins presence on 181 West Boardwalk Drive. As the owners of Warren FCU looked at plans to open an additional branch, they chose to develop it as part of a mixed-use development as a long-term investment in Fort Collins. Warren Federal Credit Union-East Drake project provides a great opportunity for Warren FCU to develop an inspired space for their employees and clients within a vibrant mixed-use development that includes a much needed community gathering space. This development project will initially house Warren FCU, opportunity for leased office and retail space as directed by the market.

This project embodies the character and vision of City Plan and the NC zone district for high-quality development. It will help infill the Rigden Farm area, providing neighborhood amenities and a community gathering space.

(i) Statement of appropriate City Plan Principles and Policies achieved by the proposed plan.

### Adherence to City Plan

A fundamental component of City Plan is the Triple Bottom Line Analysis. The Warren FCU development exemplifies this key principal as it "incorporates environmental, economic, and human considerations so that principles, policies, strategies, and implementing actions were developed with consideration of the benefits and tradeoffs across all three of these topic areas." (City Plan page 15)

<u>Many</u> principles and policies outlined in City Plan are achieved with this project. The most significant are listed here:

### **Economic Health Principles and Policies**

Policy EH 1.1 – Support Job Creation

Policy EH 1.2 – Maximize Retail Sales Tax Revenue

Policy EH 1.4 – Target the Use of Incentives to Achieve Community Goals

Policy EH 4.1 – Prioritize Targeted Redevelopment Areas

Policy EH 4.2 – Reduce Barriers to Infill Development and Redevelopment

### **Environmental Health**

Policy ENV 2.6 – Manage Conflicts

Policy ENV 4.1 – Improve Connectivity

Policy ENV 15.4 – Enhance the Economy

Policy ENV 18.2 – Manage Risks

Policy ENV 19.2 – Pursue Low Impact Development

Policy ENV 20.2 – Follow Design Criteria for Stormwater Facilities

Policy ENV 21.1 – Adhere to Drinking Water Quality Standards

**Community and Neighborhood Livability** 

Policy LIV 4.1 – Ensure Adequate Public Facilities Policy LIV 5.1 – Encourage Targeted Redevelopment and Infill Policy LIV 5.4 – Contribute to Public Amenities Policy LIV 6.3 – Encourage Introduction of Neighborhood-Related, Non-Residential Development Policy LIV 10.2 – Incorporate Street Trees Policy LIV 11.2 – Incorporate Public Spaces Policy LIV 14.2 – Promote Functional Landscape Policy LIV 14.3 – Design Low Maintenance Landscapes Policy LIV 15.1 – Modify Standardized Commercial Architecture Policy LIV 21.2 – Establish an Interconnected Street and Pedestrian Network Policy LIV 22.4 – Orient Buildings to Public Streets or Spaces Policy LIV 22.5 – Create Visually Interesting Streetscapes Policy LIV 30.3 – Improve Pedestrian and Bicycle Access Policy LIV 30.4 – Reduce Visual Impacts of Parking Policy LIV 31.2 – Site Layout and Building Orientation Policy LIV 31.4 – Design for Pedestrian Activity Policy LIV 31.5 – Incorporate Public Spaces and Community Facilities Policy LIV 32.1 – Mix of Uses Policy LIV 32.6 – Encourage Human-Scale Architectural Elements Policy LIV 32.8 – Design for Safety Policy LIV 32.9 – Design to Enhance Activity Policy LIV 36.1 – Mix of Uses Policy LIV 36.2 – location Policy LIV 36.3 – Scale and Design Policy LIV 36.4 – Relationship to Surrounding Neighborhoods

(ii) Description of proposed open space, wetlands, natural habitats and features, landscaping, circulation, transition areas, and associated buffering on site and in the general vicinity of the project.

An Ecological Characterization Study was not prepared for the site, as the existing vegetation consists of grasses and weeds on site that is flat albeit a remnant dirt pile. As such wetlands, natural habitats and features, and transition areas are non-existent. The landscape plan fits into the context of the surrounding developments, utilizing sod, planting beds including shrubs, ornamental grasses, and perennials, and deciduous shade and ornamental trees. Located within the **Neighborhood Commercial (NC) zone district**, the site plan is based on the standards of this zone district. For more detail see section (v) below.

(iii) Statement of proposed ownership and maintenance of public and private open space areas; applicant's intentions with regard to future ownership of all or portions of the project development plan.

The developed property, adjacent streetscape areas, and outdoor use spaces will be maintained by the property owner.

### (iv) Estimate of number of employees for business, commercial, and industrial uses.

Warren Federal Credit Union projects having 11 employees in this new branch. The mixed use building includes additional retail and office space, and the estimate of employees for these additional uses is approximately 19 for the retail spaces and 21 for the commercial office spaces (11+19+21 = 51) \*Please note these totals were calculated using a base building layout whose design is currently conceptualized as a shell and core "fit-out" development, making the exact number of employees for each space indeterminate since the end user is unknown at this time.

(v) Description of rationale behind the assumptions and choices made by the applicant.

Located within the **Neighborhood Commercial (NC)** zone district, this project exemplifies the purpose and standards envisioned for this district in the Land Use Code. The owner and design team used the zone district standards as the key resource in guiding the site and building design. The purpose of the NC zone district is stated as follows:

(A) Purpose. The Neighborhood Commercial District is intended to be a mixed-use commercial core area anchored by a supermarket or grocery store and a transit stop. The main purpose of this District is to meet consumer demands for frequently needed goods and services, with an emphasis on serving the surrounding residential neighborhoods typically including a Medium Density Mixed-Use Neighborhood. In addition to retail and service uses, the District may include neighborhood-oriented uses such as schools, employment, day care, parks, small civic facilities, as well as residential uses.

This District is intended to function together with a surrounding Medium Density Mixed-Use Neighborhood, which in turn serves as a transition and a link to larger surrounding low density neighborhoods. The intent is for the component zone districts to form an integral, town-like pattern of development with this District as a center and focal point; and not merely a series of individual development projects in separate zone districts.

The Warren FCU project illustrates this purpose by providing a mixed-use commercial/retail building adjacent to a supermarket and transit stop and multi-family residential housing (previously developed by others). This project serves as a link between the district center (supermarket) to the west and the multi-family residential housing to the east/south, helping meet the demand for office/retail goods and services in the neighborhood. The proposed financial, office, and retail uses are permitted in the NC district and are subject to an administrative review.

Key design standards in the NC district include:

Land Use Standards.

(1) District Boundaries/Edges. Land use boundaries and density changes in the Neighborhood Commercial District shall occur at mid-block locations to the maximum extent feasible, rather than at streets (so that similar buildings face each other).

This PDP addresses the east lot, while a future PDP will address the west lot (tentatively envisioned as building pad for restaurant space); as such, different land uses will transition at a mid-block location as one moves east away from the adjacent district center (supermarket). The space between the two buildings will be comprised of an ADA accessible outdoor pedestrian passageway covered by a canopy connected to the building located on the east lot.

(E) Development Standards.
(1) Site Planning.
(a) Overall Plan. The applicant shall demonstrate that the development plan contributes to a cohesive, continuous, visually related and functionally linked pattern within existing or approved development plans within the contiguous Neighborhood Commercial District area in terms of street and sidewalk layout, building siting and character and site design.

The proposed development is compatible with the district based upon the existing commercial and retail uses within Rigden Farm shopping center (supermarket directly west of the site), and provides for much needed amenities, goods, and services triggered by the adjacent multi-family residential housing.

The architectural character of the adjacent Rigden Farm shopping center (supermarket development directly west of the site) can be described as a hybridized aesthetic of traditional main street storefront facades mixed with contemporary forms and accents. The material palate consists of synthetic stucco and masonry (brick and CMU) cladding with some precast concrete detailing, with a neutral and earth-tone color scheme.

The proposed building's size, height, mass, and scale are well integrated for the intended use, and also add to the neighborhood's character and quality. The "stepped" façade along the south elevation (Limon Drive) enhances the pedestrian scale of the development while creating a semi-public plaza which encourages pedestrian interaction and activity. The proposed building's materials include a slate or stone wall tile "base" and on the upper portion of the building, a fiber cement or stucco cladding system is envisioned (cladding material to be determined by economy). The wall parapets will be capped with a raised architectural precast "coping" continuing around the perimeter of the building. The color shades of each material shall draw from the range of color shades that complement the neighborhood and the surrounding natural environment. The colors chosen for the exterior wall materials will also be neutral in an effort to complement and merge with the existing context, creating a continuous, visually related district. Earth-tones are proposed for the upper portion of the building, providing a warmth in the architecture which will help create a cohesive neighborhood aesthetic.

The proposed pedestrian sidewalk along Limon Drive contributes to a continuous pattern of development and connectivity throughout the neighborhood, and the building placement (on Limon Drive) also contributes to a town-like streetscape when viewed in context with the buildings currently being constructed south of Limon. The placement of the proposed building close to the intersection of Iowa Drive and Limon Drive is consistent with the Land Use Code and provides a visual anchor to this intersection.

(b) Central Feature or Gathering Place. At least one (1) prominent or central location within each geographically distinct Neighborhood Commercial District shall include a convenient outdoor open space or plaza with amenities such as benches, monuments, kiosks or public art. This feature and its amenities may be placed on blocks, with shared civic facilities.

The proposed building is designed around an outdoor gathering space (south of the building, north of Limon Drive) which will serve the surrounding neighborhood with seating, hardscaped plaza, and landscape treatments.

(c) Integration of the Transit Stop. Neighborhood Commercial Districts shall be considered major stops on the local transit network. Transit stop facilities, to the maximum extent feasible, shall be integrated into the design of the District, centrally located, and easily accessible for pedestrians walking to and from the surrounding neighborhoods. (See also Division 3.6 Transportation and Circulation.)

A transit stop has previously been integrated directly northwest of the site, adjacent to the supermarket. Pedestrian connections to the district center supermarket are being provided on the east and south sides of the project, and the west pedestrian connection will be implemented with a future PDP (when Lot 1 develops).

(2) Block Requirements. All development shall comply with the applicable standards set forth below, unless the decision maker determines that compliance with a specific element of the standard is infeasible due to unusual topographic features, existing development, safety factors or a natural area or feature:

(a) Block Structure. Each Neighborhood Commercial District and each development within this District shall be developed as a series of complete blocks bounded by streets (public or private). See Figures 17A through 17F at Section 4.6(E). Natural areas, irrigation ditches, high-voltage power lines, operating railroad tracks and other similar substantial physical features may form up to two (2) sides of a block.

(b) Block Size. All blocks shall be limited to a maximum size of seven (7) acres, except that blocks containing supermarkets shall be limited to a maximum of ten (10) acres.

(c) Minimum Building Frontage. Forty (40) percent of each block side or fifty (50) percent of the total block frontage shall consist of either building frontage, plazas, or other functional open space.

(d) Building Height. All buildings shall have a minimum height of twenty (20) feet, measured to the dominant roof line of a flat-roofed building, or the mean height between the eave and ridge on a sloped-roof building. In the case of a complex roof with different co-dominant portions, the measurement shall apply to the highest portion. All buildings shall be limited to five (5) stories.

The development is surrounded on all sides by existing public streets, and the block size is 1.21 acres. Along Limon Drive, the building and plazas account for over 40 percent of the frontage, and the proposed building height is approximately 36' tall consisting of two stories. No undesirable affects are anticipated by the proposed height or placement of the building, as the impact of the building on access to sunlight and views has been thoroughly considered. Please note that recent developments in the design direction of this project has resulted in the building's second floor level being deleted from the scope. Design revisions will occur after this PDP has been submitted, to be re-submitted to the City at a later date.

### (3) Canopies.

(a) Primary canopies and shade structures shall be attached to and made an integral part of the main building and shall not be freestanding.

(b) Freestanding secondary canopies and shade structures that are detached from the building, if any, shall be designed with a pitched roof, or have the appearance of a pitched roof through a false mansard or parapet, to match the primary canopy and relate to the neighborhood character.

(c) All canopies shall be designed with a shallow-pitched roof, false mansard or parapet that matches the building. Such roofs, false mansards or parapets shall be constructed of traditional roofing materials such as shingles or cementious, clay or concrete tiles, or standing seam metal in subdued, neutral colors in a medium value range. The colors shall be designed to relate to other buildings within the commercial center.

(d) Canopy fascias and columns shall not be internally illuminated nor externally illuminated with neon or other lighting technique, nor shall canopy fascias or columns be accented, striped or painted in any color except that of the predominant building exterior color.

(e) There shall be no advertising, messages, logos or any graphic representation displayed on the canopy fascias or columns associated with drive-in restaurants, financial services and retail stores. This prohibition shall not apply to canopies for covering the retail dispensing or sale of vehicular fuels [see Section 3.8.7(E)(13)].

*(f)* Under-canopy lighting shall be fully recessed with flush-mount installation using a flat lens. There shall be no spot lighting.

The primary building canopy (one the west end of the building) is attached as an integral part of the main building. Smaller individual 'tenant' canopies are also attached to the main structure. Freestanding canopies will be provided over the ATMs will be designed to complement the building architecture using similar materials and colors, creating a cohesive and unified development. The canopies will apply to the lighting and advertising requirements set forth in items d, e, and f above.

(vi) The applicant shall submit as evidence of successful completion of the applicable criteria, the completed documents pursuant to these regulations for each proposed use. The Planning Director may require, or the applicant may choose to submit, evidence that is beyond what is required in that section. Any variance from the criteria shall be described.

The submittal includes all items required for Project Development Plan submittal. No variance from the criteria is being pursued at this time.

(vii) Narrative description of how conflicts between land uses or disturbances to wetlands, natural habitats and features and or wildlife are being avoided to the maximum extent feasible or are mitigated.

No conflicts between land uses and wetlands/natural habitats exist.

(viii) Written narrative addressing each concern/issue raised at the neighborhood meeting(s), if a meeting has been held.

As an Administrative (Type 1) review, no neighborhood meeting is required. As such, a neighborhood meeting has not been held.

*(ix)* Name of the project as well as any previous name the project may have had during Conceptual *Review.* 

Warren Federal Credit Union – East Drake (Previous name for development during Conceptual Review: Rigden Farm – Commercial Mixed-Use)



- 6. ALL EXTERIOR LIGHTING PROVIDED SHALL COMPLY WITH THE FOOT-CANDLE REQUIREMENTS IN SECTION 3.2.4 OF THE LAND USE CODE AND SHALL USE A CONCEALED, FULLY SHIELDED LIGHT SOURCE WITH SHARP CUT-OFF CAPABILITY SO AS TO MINIMIZE UP-LIGHT, SPILL LIGHT, GLARE AND UNNECESSARY DIFFUSION.

REMOVED DUE TO CONSTRUCTION OF THIS PROJECT, SHALL BE REPLACED OR RESTORED TO CITY OF FORT COLLINS STANDARDS AT THE DEVELOPER'S EXPENSE PRIOR TO THE ACCEPTANCE OF COMPLETED IMPROVEMENTS AND/OR PRIOR TO THE



# **OWNERSHIP CERTIFICATION**

WARREN FEDERAL CREDIT UNION MIKE MARTIN, SVP/CAO STATE OF COLORADO ) ss.

COUNTY OF LARIMER

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS DAY OF , 20 , BY MIKE MARTIN OF WARREN FEDERAL CREDIT UNION.

WITNESS MY HAND AND OFFICIAL SEAL.

MY COMMISSION EXPIRES:

NOTARY PUBLIC

# **DIRECTOR OF PLANNING**

APPROVED BY THE DIRECTOR OF PLANNING OF THE CITY OF FORT COLLINS, COLORADO ON this \_\_\_\_\_ day of \_\_\_\_ , 20

DIRECTOR OF PLANNING



REVISIONS RESUBMITT

01/05/2016

\_\_\_\_\_

PRELIMINARY DEVELOPMENT PLAN

**CREDIT UNION - EAST DRAKE** 

1603 Oakridge Drive Fort Collins, CO 80525 970-223-7577

SITE PLAN

WARREN FEDERAL

**NOVEMBER 17, 2015** SHEET 1 OF 1

20' 10' 40'



# **STREET TREE NOTES:**

- . A PERMIT MUST BE OBTAINED FROM THE CITY FORESTER BEFORE ANY TREES OR SHRUBS AS NOTED ON THIS PLAN ARE PLANTED, PRUNED OR REMOVED IN THE PUBLIC RIGHT-OF-WAY. THIS INCLUDES ZONES BETWEEN THE SIDEWALK AND CURB, MEDIANS AND OTHER CITY PROPERTY. THIS PERMIT SHALL APPROVE THE LOCATION AND SPECIES TO BE PLANTED. FAILURE TO OBTAIN THIS PERMIT IS A VIOLATION OF THE CITY OF FORT COLLINS CODE SUBJECT TO CITATION (SECTION 27-31) AND MAY ALSO RESULT IN REPLACING OR RELOCATING TREES AND A HOLD ON CERTIFICATE OF OCCUPANCY.
- 2. CONTACT THE CITY FORESTER TO INSPECT ALL STREET TREE PLANTINGS AT THE COMPLETION OF EACH PHASE OF THE DEVELOPMENT. ALL MUST BE INSTALLED AS SHOWN ON THE LANDSCAPE PLAN. APPROVAL OF STREET TREE PLANTING IS REQUIRED BEFORE FINAL APPROVAL OF EACH PHASE.
- 3. STREET LANDSCAPING, INCLUDING STREET TREES, SHALL BE SELECTED IN ACCORDANCE WITH ALL CITY CODES AND POLICIES. ALL TREE PRUNING AND REMOVAL WORKS SHALL BE PERFORMED BY A CITY OF FORT COLLINS LICENSED ARBORS WHERE REQUIRED BY CODE.STREET TREES SHALL BE SUPPLIED AND PLANTED BY THE DEVELOPER USING A QUALIFIED LANDSCAPE CONTRACTOR.
- 4. THE DEVELOPER SHALL REPLACE DEAD OR DYING STREET TREES AFTER PLANTING UNTIL FINAL MAINTENANCE INSPECTION AND ACCEPTANCE BY THE CITY OF FORT COLLINS FORESTRY DIVISION. ALL STREET TREES IN THE PROJECT MUST BE ESTABLISHED, WITH AN APPROVED SPECIES AND OF ACCEPTABLE CONDITION PRIOR TO ACCEPTANCE.
- 5. SUBJECT TO APPROVAL BY THE CITY FORESTER -- STREET TREE LOCATIONS MAY BE ADJUSTED TO ACCOMMODATE DRIVEWAY LOCATIONS, UTILITY SEPARATIONS BETWEEN TREES, STREET SIGNS AND STREET LIGHTS. STREET TREES TO BE CENTERED IN THE MIDDLE OF THE LOT TO THE EXTENT FEASIBLE. QUANTITIES SHOWN ON PLAN MUST BE INSTALLED UNLESS A REDUCTION IS APPROVED BY THE CITY TO MEET SEPARATION STANDARDS

# WATER BUDGET CHART

HYDROZONE

### HIGH MODERATE

fotal Gallons

# total S.F. AVERAGE

2. ROW landscaping is included.

AREA (s.f.)	WATER NEED (gallons/s.f.)	ANNUAL WATER USE (gallons)
8,177	18	147,186
8,126	10	81,260
		228,446
16,303		
	14.0	1 GALLONS/S.F./SEASON

1. The average needs to be a maximum of 15 gallons/S.F.season.

3. 'High' hydrozone includes sod areas; 'moderate' hydrozone includes shrub, perennial, and ornamental grass planting beds.

# **PARKING LOT** INTERIOR LANDSCAPING TABLE

LANDSCAPING WILL BE PROVIDED AS FOLLOWS: PARKING LOT SIZE - 33,296 SF — 3,329 SF 10% REQUIRED —

CANOPY SHADE TREES PROVIDED:

CODE REQUIRES (1) CANOPY SHADE TREE

PER 150 S.F. OF INTERNAL LANDSCAPING 3,817 SF/150 = 25.45 - 34 CANOPY SHADE TREES PROVIDED(10 PROVIDED IN INTERNAL LANDSCAPING, 24 PROVIDED IN PERIMETER LANDSCAPING

# **PARKING LOT PERIMETER** LANDSCAPING TABLE

CODE REQUIRES PARKING LOT PERIMETER LANDSCAPING OF 1 TREE PER 25 L.F., 305 L.F. ALONG PUBLIC STREET (305/25 = 12.2 TREES) 13 TREES PROVIDED

DD AND SEED TYPE

LOW GROW NATIVE SEED (OR APPROVED EQUAL): -10% BIG BLUEGRASS (SHERMAN),10% SANDBERG / CANBY BLUEGRASS, 40% ARIZONA FESCUE (REDONDO), 40% SHEEP FESCUE (OVINA)

SOD: -(3) IMPROVED VARIETIES OF KENTUCKY BLUEGRASS

# LANDSCAPE DESIGN OBJECTIVE/WRITTEN STATEMENT

The 'Warren Federal Credit Union - East Plaza' landscape plan consists of sod, planting beds which include shrubs, ornamental grasses, and perennials, and deciduous shade and ornamental trees. The design character of the planting plan will consist of planting blocks of species monocultures which accentuate the contemporary design of the architecture. Within the planting beds, plants will be low to moderate in water use to minimize the amount of water required to irrigate the landscape.

# PLANT LIST

	ous Trees					
Symbol	Botanical Name	Common Name	Size	Root	Quantity	Diversit
gl Sh	Gleditsia triacanthos inermis 'Shademaster"	Shademaster Honeylocust	2" Cal.	BB	8	15%
gl SK	Gleditsia triacanthos inermis 'Skyline'	Skyline Honeylocust	2" Cal.	BB	10	17%
GY DI	Gymnocladus dioicus 'Espresso'	Seedless Kentucky Coffee Tree	2" Cal.	BB	10	17%
CA SP	Catalpa speciosa	Western Catalpa	2" Cal.	BB	5	9%
Orname	ental Trees					
AM SH	Amelanchier canadensis	Shadblow Service Berry	1.5" Cal.	BB	10	17%
MA RB	Malus 'Red Barron'	Red Barron Crabapple	1.5" Cal.	BB	7	12%
PY CH	Pyrus calleryana 'Chanticleer'	Chanticleer Pear	1.5" Cal.	BB	8	13%
Dedicuo	ous Shrubs					
AM RE	Amelanchier alnifolia 'Regent'	Regent Serviceberry	5 Gal.	Cont.	хх	
AM CA	Amorpha canescens	Leadplant	5 Gal.	Cont.	xx	
AR ME	Aronia melanocarpa 'Iriquois Beauty'	Iriquios Beauty Dwarf Chokeberry	5 Gal.	Cont.	ХХ	
СА ВМ	Caryopteris x clandonensis 'Blue Mist'	Blue Mist Spirea	5 Gal.	Cont.	хх	
co is	Cornus sericea 'Isanti'	Isanti Dogwood	5 Gal.	Cont.	XX	
eu al	Euonymus alatus 'Compactus'	Dwarf Burning Bush	5 Gal.	Cont.	хх	
PH DG	Physocarpus opulifolius 'Dart's Gold'	Dart's Gold Ninebark	5 Gal.	Cont.	хх	
ri au	Ribes aureum 'Gwen's Buffalo'	Clove-Scented Currant	5 Gal.	Cont.	хх	
RH TR	Rhus trilobata 'Autumn Amber'	Creeping Three Leaf Sumac	5 Gal.	Cont.	хх	
Evergree	en Shrubs					
JU BC	Juniperus sabina 'Broadmoor'	Broadmoor Juniper	5 Gal.	Cont.	хх	
PI MU	Pinus mugo 'Mops'	Miniature Mugo Pine	5 Gal.	Cont.	xx	
Orname	ental Grasses					
bo gr	Bouteloua gracilis 'Blonde Ambition'	Blonde Ambition Blue Grama Grass	1 Gal.	Cont.	хх	
ca br	Calamagrostis brachytricha	Korean Feather Reed Grass	1 Gal.	Cont.	XX	
PE HA	Pennisetum alopecuroides 'Hameln'	Dwarf Fountain Grass	1 Gal.	Cont.	хх	
Perennic	als					
CE PL	Ceratostigma plumbaginoides	Plumbago	1 Gal.	Cont.	хх	
CE RU	Centranthus ruber	Jupiter's Beard	1 Gal.	Cont.		
NE WL	Nepeta faassenii 'Walker's Low'	Walker's Low Catmint	1 Gal.	Cont.		
ru fu	Rudbeckia fulgida 'Goldsturm'	Black Eyed Susan	1 Gal.	Cont.		

ONE SPECIES SHALL BE 25%

# **GENERAL LANDSCAPE NOTES:**

PLANT QUALITY: ALL PLANT MATERIAL SHALL BE A-GRADE OR NO. 1 GRADE - FREE OF ANY DEFECTS, OF NORMAL HEALTH, HEIGHT, LEAF DENSITY AND SPREAD APPROPRIATE TO THE SPECIES AS DEFINED BY THE AMERICAN ASSOCIATION OF NURSERYMEN (AAN) STANDARDS. ALL TREES SHALL BE BALL AND BURLAP OR EQUIVALENT.

IRRIGATION: ALL LANDSCAPE AREAS WITHIN THE SITE INCLUDING TURF, SHRUB BEDS AND TREE AREAS SHALL BE IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM. THE IRRIGATION PLAN MUST BE REVIEWED AND APPROVED BY THE CITY OF FORT COLLINS WATER UTILITIES DEPARTMENT PRIOR TO THE ISSUANCE OF A BUILDING PERMIT. ALL TURF AREAS SHALL BE IRRIGATED WITH AN AUTOMATIC POP-UP IRRIGATION SYSTEM. ALL SHRUB BEDS AND TREES, INCLUDING IN NATIVE SEED AREAS, SHALL BE IRRIGATED WITH AN AUTOMATIC DRIP (TRICKLE) IRRIGATION SYSTEM, OR WITH AN ACCEPTABLE ALTERNATIVE APPROVED BY THE CITY WITH THE IRRIGATION PLANS. THE IRRIGATION SYSTEM SHALL BE ADJUSTED TO MEET THE WATER REQUIREMENTS OF THE INDIVIDUAL PLANT MATERIAL

. TOPSOIL: TO THE MAXIMUM EXTENT FEASIBLE, TOPSOIL THAT IS REMOVED DURING CONSTRUCTION ACTIVITY SHALL BE CONSERVED FOR LATER USE ON AREAS REQUIRING REVEGETATION AND LANDSCAPING.

4. SOIL AMENDMENTS: SOIL AMENDMENTS SHALL BE PROVIDED AND DOCUMENTED IN ACCORDANCE WITH CITY CODE SECTION 12-132. THE SOIL IN ALL LANDSCAPE AREAS, INCLUDING PARKWAYS AND MEDIANS, SHALL BE THOUGHLY LOOSENED TO A DEPTH OF NOT LESS THAN EIGHT(8) INCHES AND SOIL AMENDMENT SHALL BE THOROUGHLY INCORPORATED INTO THE SOIL OF ALL LANDSCAPE AREAS TO A DEPTH OF AT LEAST SIX(6) INCHES BY TILLING, DISCING OR OTHER SUITABLE METHOD, AT A RATE OF AT LEAST THREI (3) CUBIC YARDS OF SOIL AMENDMENT PER ONE THOUSAND (1,000) SQUARE FEET OF LANDSCAPE AREA. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, A WRITTEN CERTIFICATION MUST BE SUBMITTED TO THE CITY THAT ALL PLANTED AREAS, OR AREAS TO BE PLANTED, HAVE BEEN THOROUGHLY LOOSENED AND THE SOIL AMENDED, CONSISTENT WITH THE REQUIREMENTS SET FORTH IN SECTION 12-132.

5. INSTALLATION AND GUARANTEE: ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND HORTICULTURAL PRACTICES IN A MANNER DESIGNED TO ENCOURAGE QUICK ESTABLISHMENT AND HEALTHY GROWTH. ALL LANDSCAPING FOR EACH PHASE MUST BE EITHER INSTALLED OR THE INSTALLATION MUST BE SECURED WITH AN IRREVOCABLE LETTER OF CREDIT, PERFORMANCE BOND, OR ESCROW ACCOUNT FOR 125% OF THE VALUATION OF THE MATERIALS AND LABOR PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY FOR ANY BUILDING IN SUCH PHASE.

6. MAINTENANCE: TREES AND VEGETATION, IRRIGATION SYSTEMS, FENCES, WALLS AND OTHER LANDSCAPE ELEMENTS WITH THESE FINAL PLANS SHALL BE CONSIDERED AS ELEMENTS OF THE PROJECT IN THE SAME MANNER AS PARKING, BUILDING MATERIALS AND OTHER SITE DETAILS. THE APPLICANT, LANDOWNER OR SUCCESSORS IN INTEREST SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE REGULAR MAINTENANCE OF ALL LANDSCAPING ELEMENTS IN GOOD CONDITION. ALL LANDSCAPING SHALL BE MAINTAINED FREE FROM DISEASE, PESTS, WEEDS AND LITTER, AND ALL LANDSCAPE STRUCTURES SUCH AS FENCES AND WALLS SHALL BE REPAIRED AND REPLACED PERIODICALLY TO MAINTAIN A STRUCTURALLY SOUND

7. REPLACEMENT: ANY LANDSCAPE ELEMENT THAT DIES, OR IS OTHERWISE REMOVED, SHALL BE PROMPTLY REPLACED IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS. 8. THE FOLLOWING SEPARATIONS SHALL BE PROVIDED BETWEEN TREES/SHRUBS AND UTILITIES:

40 FEET BETWEEN CANOPY TREES AND STREET LIGHTS

15 FEET BETWEEN ORNAMENTAL TREES AND STREETLIGHTS

10 FEET BETWEEN TREES AND PUBLIC WATER, SANITARY AND STORM SEWER MAIN LINES

6 FEET BETWEEN TREES AND PUBLIC WATER, SANITARY AND STORM SEWER SERVICE LINES 4 FEET BETWEEN SHRUBS AND PUBLIC WATER AND SANITARY AND STORM SEWER LINES

4 FEET BETWEEN TREES AND GAS LINES

0 10'

20'

40'

9. ALL STREET TREES SHALL BE PLACED A MINIMUM EIGHT (8) FEET AWAY FROM THE EDGES OF DRIVEWAYS AND ALLEYS PER LUC 3.2.1 (D)(2)(A)

10. PLACEMENT OF ALL LANDSCAPING SHALL BE IN ACCORDANCE WITH THE SIGHT DISTANCE CRITERIA AS SPECIFIED BY THE CITY OF FORT COLLINS. NO STRUCTURES OR LANDSCAPE ELEMENTS GREATER THAN 24" SHALL BE ALLOWED WITHIN THE SIGHT DISTANCE TRIANGLE OR EASEMENTS WITH THE EXCEPTION OF DECIDUOUS TREES PROVIDED THAT THE LOWEST BRANCH IS AT LEAST 6' FROM GRADE. ANY FENCES WITHIN THE SIGHT DISTANCE TRIANGLE OR EASEMENT MUST BE NOT MORE THAN 42" IN HEIGHT AND OF AN OPEN DESIGN. 11. THE FINAL LANDSCAPE PLAN SHALL BE COORDINATED WITH ALL OTHER FINAL PLAN ELEMENTS SO THAT THE PROPOSED GRADING, STORM DRAINAGE, AND OTHER DEVELOPMENT

IMPROVEMENTS DO NOT CONFLICT WITH NOR PRECLUDE INSTALLATION AND MAINTENANCE OF LANDSCAPE ELEMENTS ON THIS PLAN.

12. MINOR CHANGES IN SPECIES AND PLANT LOCATIONS MAY BE MADE DURING CONSTRUCTION -- AS REQUIRED BY SITE CONDITIONS OR PLANT AVAILABILITY. OVERALL QUANTITY, QUALITY, AND DESIGN CONCEPT MUST BE CONSISTENT WITH THE APPROVED PLANS. IN THE EVENT OF CONFLICT WITH THE QUANTITIES INCLUDED IN THE PLANT LIST, SPECIES AND QUANTITIES ILLUSTRATED SHALL BE PROVIDED. ALL CHANGES OF PLANT SPECIES AND LOCATION MUST HAVE WRITTEN APPROVAL BY THE CITY PRIOR TO INSTALLATION. 13. ALL PLANTING BEDS SHALL BE MULCHED TO A MINIMUM DEPTH OF THREE INCHES.

14. ALL MAINTENANCE, REPAIR AND REPLACEMENT OF TREE GRATES SHALL BE THE RESPONSIBILITY OF THE ADJACENT PROPERTY OWNER.







- WEBBING FOR DECIDUOUS TREES INSTALL WEBBING ABOVE LOWEST BRANCH

BREATHABLE PAPER OR FABRIC TREE WRAP APPLIED FROM TRUNK FLARE TO FIRST BRANCH. WRAP PAPER FROM BOTTOM UP WITH SUFFICIENT OVERLAP TO COVER BARK. USE MASKING TAPE TO SECURE

-NATURAL COLOR WOOD TREE STAKE. ADJUST TREE STAKE SO THAT TOP IS LEVEL WITH, OR JUST BELOW, FIRST BRANCHES.

- REFER TO PLANTING PLAN FOR LOCATIONS OF DIFFERENT TYPES OF MULCH. IF WOOD MULCH IS USED IT SHALL BE APPLIED TO A 4" DEPTH

- TREES PLANTED IN TURF OR TYPE 1 SEED AREAS

-REMOVE TWINE, ROPE AND WIRE, AND BURLAP FROM TOP HALF OF ROOT BALL -TAMP SOIL AROUND ROOTBALL BASE FIRMLY WITH FOOT PRESSURE SO THAT root ball does not shift - UNEXCAVATED OR COMPACTED

MOUND UNDER THE ROOT BALL TO PREVENT SETTLEMENT

GENERAL TREE PLANTING NOTES:

- 1. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED; HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
- MARK NORTH SIDE OF THE TREE IN THE NURSERY, AND ROTATE TREE TO FACE NORTH AT THE SITE WHENEVER POSSIBLE. TREES whose north orientation is not CHANGED FROM THE NURSERY DO NOT NEED TO BE WRAPPED, EXCEPT TREES WITH VERY THIN BARK.
- 3. EACH TREE SHALL BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
- 4. SET TOP OF ROOT BALL FLUSH WITH GRADE OR 1-2" HIGHER IN SLOWLY DRAINING SOILS. 5. DO NOT PLACE MULCH IN CONTACT WITH
- TREE TRUNK. 6. PLACE SPECIFIED MULCH IN TREE PLANTING
- RINGS TO THE DEPTH SHOWN, UNLESS INDICATED OTHERWISE. 7. STAKE DECIDUOUS AND CONIFEROUS TREES
- LOCATED IN PLANTING AREA. 8. TREE STAKES SHALL BE DRIVEN OUTSIDE OF
- ROOT BALL.



# LANDSCAPE DETAILS WARREN FEDERAL **CREDIT UNION - EAST DRAKE** PRELIMINARY DEVELOPMENT PLAN



SCALE: 1'' = 1'-0''

REVISIONS: RESUBMITTA

DATE 01/05/2016

\_\_\_\_\_

1603 Oakridge Drive Fort Collins, CO 80525 970-223-7577

**NOVEMBER 17, 2015** SHEET 2 OF 2

0 10' 20' 40'







# **BASE MATERIAL - STONE OR PORCELAIN TILE**







**EXAMPLE: NATURAL STONE TILE** 

IS BEING PROPOSED.

EXAMPLE: FIBER CEMENT PANEL



EXAMPLE: FIBER CEMENT PANEL





**EXAMPLE: FIBER CEMENT PANEL** 





# **CLERESTORY CLADDING MATERIAL - FIBER CEMENT PANEL**

**STONE OR PORCELAIN TILE:** FOR THE BASE MATERIAL, STONE OR PORCELAIN TILE

FOLLOWING ARE THE GENERAL GUIDELINES RELATED TO STONE OR PORCELAIN TILE. ACTUAL MANUFACTURER, COLORS, AND TILE SIZES HAVE NOT BEEN DETERMINED. -TILE MAY BE NATURAL STONE OR PORCELAIN -ONE SIZE TILE: NATURAL STONE- 12"x12" PORCELAIN TILE - 12"x24" OR 6"x24" -SLIGHT VARIATIONS OF COLORS WITHIN TILES

-GRAYISH TONE WITH THE LOOK OF SLATE





EXAMPLE: PORCELAIN TILE



PORCELAIN TILE SAMPLES UNDER CONSIDERATION



# WARREN FEDERAL CREDIT UNION - EAST DRAKE

# Being A Replat Of Lots 1 And 2 Of Rigden Farm 16th Filing, Located In The Northwest Quarter Of Section 29, Township 7 North, Range 68 West Of The 6th P.M., City Of Fort Collins, County Of Larimer, State Of Colorado

STATEMENT OF OWNERSHIP AND SUBDIVISION:

Know all persons by these presents, that the undersigned owner(s) of the following described land: Lots 1 and 2, Rigden Farm 16th Filing recorded January 9, 2012 as Reception No. 2012001482 of the Records of Larimer County, located in the Northwest Quarter of Section Twenty-nine (29), Township Seven North (T.7N.), Range Sixty-eight West (R.68W.) of the Sixth Principal Meridian (6th P.M.), City of Fort Collins, County of Larimer, State of Colorado.

... (which above described tract contains 2.002 acres, more or less)

for themselves and their successors in interest Warren Federal Credit Union have caused the above described land to be surveyed and subdivided into lots, tracts and streets as shown on this Plat to be known as Warren Federal Credit Union - East Drake, subject to all easements and rights-of-way now of record or existing or indicated on this Plat. The rights and obligations of this Plat shall run with the land.

CERTIFICATE OF DEDICATION:

The Owner does hereby dedicate and convey to the City of Fort Collins, Colorado (hereafter "City"), for public use, forever, a permanent right-of-way for street purposes and the "Easements" as laid out and designated on this Plat; provided, however, that (1) acceptance by the City of this dedication of Easements does not impose upon the City a duty to maintain the Easements so dedicated, and (2) acceptance by the City of this dedication of streets does not impose upon the City a duty to maintain streets so dedicated until such time as the provisions of the Maintenance Guarantee have been fully satisfied. The streets dedicated on this Plat are the fee property of the City as provided in Section 31-23-107 C.R.S. The City's rights under the Easements include the right to install, operate, access, maintain, repair, reconstruct, remove and replace within the Easements public improvements consistent with the intended purpose of the Easements; the right to install, maintain and use gates in any fences that cross the Easements; the right to mark the location of the Easements with suitable markers; and the right to permit other public utilities to exercise these same rights. Owner reserves the right to use the Easements for purposes that do not interfere with the full enjoyment of the rights hereby granted. The City is responsible for maintenance of its own improvements and for repairing any damage caused by its activities in the Easements, but by acceptance of this dedication, the City does not accept the duty of maintenance of the Easements, or of improvements in the Easements that are not owned by the City. Owner will maintain the surface of the Easements in a sanitary condition in compliance with any applicable weed, nuisance or other legal requirements.

Except as expressly permitted in an approved plan of development or other written agreement with the City, Owner will not install on the Easements, or permit the installation on the Easements, of any building, structure, improvement, fence, retaining wall, sidewalk, tree or other landscaping (other than usual and customary grasses and other ground cover). In the event such obstacles are installed in the Easements, the City has the right to require the Owner to remove such obstacles from the Easements. If Owner does not remove such obstacles, the City may remove such obstacles without any liability or obligation for repair and replacement thereof, and charge the Owner the City's costs for such removal. If the City chooses not to remove the obstacles, the City will not be liable for any damage to the obstacles or any other property to which they are attached.

The rights granted to the City by this Plat inure to the benefit of the City's agents, licensees, permittees and assigns.

## MAINTENANCE GUARANTEE:

The Owner hereby warrants and guarantees to the City, for a period of two (2) years from the date of completion and first acceptance by the City of the improvements warranted hereunder, the full and complete maintenance and repair of the improvements to be constructed in connection with the Development which is the subject of this Plat. This warranty and guarantee is made in accordance with the City Land Use Code and/or the Transitional Land Use Regulations, as applicable. This guarantee applies to the streets and all other appurtenant structures and amenities lying within the rights-of-way, Easements and other public properties, including, without limitation, all curbing, sidewalks, bike paths, drainage pipes, culverts, catch basins, drainage ditches and landscaping. Any maintenance and/or repair required on utilities shall be coordinated with the owning utility company or department.

The Owner shall maintain said improvements in a manner that will assure compliance on a consistent basis with all construction standards, safety requirements and environmental protection requirements of the City. The Owner shall also correct and repair, or cause to be corrected and repaired, all damages to said improvements resulting from development-related or building-related activities. In the event the Owner fails to correct any damages within thirty (30) days after written notice thereof, then said damages may be corrected by the City and all costs and charges billed to and paid by the Owner. The City shall also have any other remedies available to it as authorized by law. Any damages which occurred prior to the end of said two (2) year period and which are unrepaired at the termination of said period shall remain the responsibility of the Owner.

## REPAIR GUARANTEE:

In consideration of the approval of this final Plat and other valuable consideration, the Owner does hereby agree to hold the City harmless for a five (5) year period, commencing upon the date of completion and first acceptance by the City of the improvements to be constructed in connection with the development which is the subject of this Plat, from any and all claims, damages, or demands arising on account of the design and construction of public improvements of the property shown herein; and the Owner furthermore commits to make necessary repairs to said public improvements, to include, without limitation, the roads, streets, fills, embankments, ditches, cross pans, sub-drains, culverts, walls and bridges within the right-of-way, Easements and other public properties, resulting from failures caused by design and/or construction defects. This agreement to hold the City harmless includes defects in materials and workmanship, as well as defects caused by or consisting of settling trenches, fills or excavations.

Further, the Owner warrants that he/she owns fee simple title to the property shown hereon and agrees that the City shall not be liable to the Owner or his/her successors in interest during the warranty period, for any claim of damages resulting from negligence in exercising engineering techniques and due caution in the construction of cross drains, drives, structures or buildings, the changing of courses of streams and rivers, flooding from natural creeks and rivers, and any other matter whatsoever on private property. Any and all monetary liability occurring under this paragraph shall be the liability of the Owner. I further warrant that I have the right to convey said land according to this Plat.

### Notice Of Other Documents:

All persons take notice that the Owner has executed certain documents pertaining to this Development which create certain rights and obligations of the Development, the Owner and/or subsequent Owners of all or portions of the Development site, many of which obligations constitute promises and covenants that, along with the obligations under this Plat, run with the land. The said documents may also be amended from time to time and may include, without limitation, the Development Agreement, Site And Landscape Covenants, Final Site Plan, Final Landscape Plan, and Architectural Elevations, which documents are on file in the office of the Clerk of the City and should be closely examined by all persons interested in purchasing any portion of the Development site.

**OWNER:** Warren Federal Credit

# (name)(title) NOTARIAL CERTIFICATE STATE OF COUNTY OF

The foregoing instrument was My commission expires \_\_\_\_\_

Witness my hand and official se

\_\_\_\_\_

ATTORNEY'S CERTIFICATION:

I hereby certify that this Subdiv 2.2.3(C)(3)(a) through (e) inclu persons signing this Subdivision signatories under the laws of t the Clerk and Recorder of Larim other information discovered by 2.2.3(C)(3)(f) of the Land Use

Attorney: \_\_\_\_ Address: \_\_\_\_\_

Registration No.:

## APPROVED AS TO FORM, CITY I

By the City Engineer of the City

City Engineer

## PLANNING APPROVAL

\_\_\_\_\_ A.D., 20\_\_\_\_\_.

Director of Planning

Jnion		VACATION STATEMENT
	Date:	Know all men by these presents that we the undersigned, being the sole owner(s) of the land described herein, and as shown on the attached map, do hereby direct and intend that all previous platting of the above described parcel of land be vacated, and further consent to the vacation of all
		previous platting of the above described parcel of land.
ucknowledged before me by	as	BASIS OF BEARINGS AND LINEAL UNIT DEFINITION
	, 20	Assuming the West line of Rigden Farm 16th Filing, as bearing North 00°00'11" West being a Grid Bearing of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983/2007, a distance of 268.20 feet with all other bearings contained herein relative thereto.
eal.	(SEAL)	The lineal dimensions as contained herein are based upon the "U.S. Survey Foot."
Notary Public		
		TITLE COMMITMENT NOTE
		This survey does not constitute a title search by King Surveyors to determine ownership or easements of record. For all information regarding easements, rights—of—way and title of records, King Surveyors relied upon Title Policy Number ?, dated ? at ? as prepared by ? to delineate the aforesaid information.
he State of Colorado. This Certifi ner County, Colorado as of the do	City of Fort Collins and that all or other entity are duly authorized ication is based upon the records of ate of execution of the plat and	
r me through reasonable inquiry ar Code.	nd is limited as authorized by Section	FLOOD PLAIN NOTE
	_	Entire property is in flood zone 'X', "areas determined to be outside the 0.2% annual chance of floodplain" per City of Fort Collins website fcgov.com and per FEMA flood map 08069C1000F revised May 2, 2012. For further information, call City of Fort Collins Utilities, phone (970) 221-6700.
	_	
	_	ZONING NOTE
		The entire property is in Zone NC, Neighborhood Commercial District.
NGINEER		
y of Fort Collins, Colorado this	day of	
20		

By the Director of Planning the City of Fort Collins, Colorado this \_\_\_\_\_ day of

City Clerk

<u>OWNER</u>	WARREN FEDERAL CREDIT UNION P.O. BOX 3200 CHEYENNE, WY 82003
<u>SURVEYOR</u>	KING SURVEYORS 650 E. GARDEN DRIVE WINDSOR, CO 80550 PHONE: 970-686-5011
ENGINEER	INTERWEST CONSULTING GROUP 1218 ASH STREET, SUITE C WINDSOR, CO 80550 PHONE: 970-460-8471

<u>APPLICANT</u> INTERWEST CONSULTING GROUP 1218 ASH STREET, SUITE C WINDSOR, CO 80550 PHONE: 970-460-8471



<u>NOTICE</u>

According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon. (13-80-105 C.R.S. 2012)

<u>NOTICE</u>

ALL RESPONSIBILITIES AND COSTS OF OPERATION, MAINTENANCE AND RECONSTRUCTION OF THE PRIVATE STREETS AND/OR DRIVES LOCATED ON THE PRIVATE PROPERTY THAT IS THE SUBJECT OF THIS PLAT SHALL BE BORNE BY THE OWNERS OF SAID PROPERTY, EITHER INDIVIDUALLY, OR COLLECTIVELY, THROUGH A PROPERTY OWNERS' ASSOCIATION, IF APPLICABLE. THE CITY OF FORT COLLINS SHALL HAVE NO OBLIGATION OF OPERATION, MAINTENANCE OR RECONSTRUCTION OF SUCH PRIVATE STREETS AND/OR DRIVES NOR SHALL THE CITY HAVE ANY OBLIGATION TO ACCEPT SUCH STREETS AND/OR DRIVES AS PUBLIC STREETS OR DRIVES.

SURVEYOR'S STATEMENT

I, Lawrence S. Pepek, a Colorado Registered Professional Land Surveyor, do hereby state that this Subdivision Plat was prepared from an actual survey under my personal supervision, that the monumentation as indicated hereon were found or set as shown, and that the foregoing plat is an accurate representation thereof, all this to the best of my knowledge, information and belief.



Lawrence S. Pepek - On Behalf Of King Surveyors Colorado Registered Professional Land Surveyor #33642





	TRACT A, BLOCK I SIDEHILL IST FILING ZONING MMN	
NORTHWEST CORNER SECTION 29, T.7N., R FOUND 2 1/2" ALUMI ON #6 REBAR, LS 17 IN MONUMENT BOX	.68W. NUM CAP 497, 2001	
	50'-	
LINE TABLE           LINE         BEARING         LENGTH           L1         S87'48'15"E         59.21'           L2         S89'27'05"E         1.49'           L3         N23'39'27"W         37.19'           L4         S89'55'25"W         8.00'           L5         N00'01'1"W         12.00'           CURVE TABLE           CURVE 14.07'           CURVE TABLE           CURVE 14.07'           CURVE 14.07'           CURVE 14.07'           CURVE 25'52'           4.33'           N46'02'09"E           CURVE 15.00'           23.54'         15.00'         90'05'27"         21.23'         N45'02'23"W           CURVE 23.59'         15.00'         90'05'27"         21.23'         N45'02'23"W	LOT 2 RIGDEN FARM 8TH FILING THE SHOPS AT RIGDEN FARM ZONING NC	
	LOT 3 LOT 3 RIGDEN FARM 8TH FILING THE SHOPS AT RIGDEN FARM ZONING NC	





# **EXISTING CONDITIONS**

WARREN FEDERAL CREDIT UNION - EAST DRAKE PRELIMINARY DEVELOPMENT PLAN



<u>REVISIONS:</u> RESUBMITTAL <u>DATE:</u> 01/05/2016

\_\_\_\_\_

1603 Oakridge Drive Fort Collins, CO 80525 970-223-7577

NOVEMBER 17, 2015 SHEET 1 OF 1

0 10' 20' 40'

<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0,0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>‡</sup> 0.0	<sup>†</sup> 0.0	0.0	<b>0</b> .0	+ <u>0.0</u>	+ <u>0.1</u>	<del>-</del> 0.1	<sup>+</sup> 0.1	<u>0.1</u>	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0 <sup>+</sup> 0.0	D.0 <sup>†</sup> 0.	0 <sup>†</sup> 0.1	<sup>+</sup> 0.1	<sup>†</sup> 0.1	<sup>+</sup> 0.1	<sup>†</sup> 0.1	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>t</sup> 0.0 <sup>t</sup> 0	.0 <sup>†</sup> 0
<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>‡</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>†</sup> 0.1	<sup>+</sup> 0.1	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0 <sup>+</sup> 0.0	D.1 <sup>†</sup> 0.	1 <sup>†</sup> 0.1	<sup>+</sup> 0.2	<sup>+</sup> 0.2	<sup>+</sup> 0.2	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0 <sup>†</sup> (	.0 <sup>†</sup> 0
<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	0.0	0.1	+ 0.2	+ 0.2	<del>-</del> 0.3	<del>+</del> 0.3	<sup>+</sup> 0.3	<sup>†</sup> 0.3	<sup>+</sup> 0.2	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>†</sup> 0.1	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>+</sup> 0.1 <sup>+</sup> (	D.1 <sup>†</sup> 0.	1 <sup>⁺</sup> 0.2	<sup>+</sup> 0.3	<sup>+</sup> 0.4	<sup>+</sup> 0.4	<sup>+</sup> 0.3	<sup>+</sup> 0.3	<sup>+</sup> 0.1	<sup>+</sup> 0.0	<sup>+</sup> 0.0 <sup>+</sup>	<sup>+</sup> 0.0	<sup>†</sup> 0.0 <sup>†</sup>	.0 <sup>†</sup> 0
<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	0.1	<sup>+</sup> 0.4	<sup>†</sup> 0.5	<sup>+</sup> 0.5	<sup>+</sup> 0.6	<sup>+</sup> 0.7	<sup>†</sup> 0.6	<sup>+</sup> 0.4	<sup>+</sup> 0.2	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>†</sup> 0.1	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>+</sup> 0.1 <sup>+</sup> 0	D.1 <sup>†</sup> 0.	2 0.4	<sup>+</sup> 0.7	<sup>†</sup> 0.8	<sup>+</sup> 0.7	<sup>†</sup> 0.6	<sup>†</sup> 0.5	<sup>†</sup> 0.2	<sup>+</sup> 0.1	<sup>+</sup> 0.0	<sup>†</sup> 0.0 <sup>†</sup>	<sup>†</sup> 0.0 <sup>†</sup>	.0 <sup>†</sup> 0
	<sup>+</sup> 0.0 20' PAS	<sup>+</sup> 0.0	0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.1	<sup>+</sup> 0.1	0.3	<sup>†</sup> 0.9	<sup>+</sup> 1.1	1.5	<sup>+</sup> 1.7	<sup>+</sup> 1.8	1.7	1.4	1.2	<sup>≠</sup> 0.8	<sup>†</sup> 0.5	<sup>+</sup> 0.4	<b>0</b> .4	0.3	<del>†</del> 0.3 (	).4 0.	5 0.9	1.5 + •	<sup>1.5</sup> CC	- 1.2	<b>1</b> 1	<sup>+</sup> 0.9	<sup>т</sup> о.з	<sup>+</sup> 0.1	<sup>+</sup> 0.1	<sup>†</sup> 0.0	<sup>†</sup> 0.0 <sup>†</sup>	0.0 <sup>†</sup> 0
	0.0	•"  •0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.1	<sup>†</sup> 0.2	0.5	<sup>+</sup> 1.4	<sup>+</sup> 1.7	2.1	<sup>+</sup> 2.3	<sup>+</sup> 2.6	<sup>+</sup> 2.4	<sup>+</sup> 1.9	<sup>+</sup> 1.5	<sup>+</sup> 1.1	<sup>†</sup> 0.9	<sup>†</sup> 0.7	<sup>+</sup> 0.7	<sup>†</sup> 0.7	<sup>+</sup> 0.8 <sup>+</sup>	1.1 <sup>+</sup> 1.	5 2.0	<sup>+</sup> 2.6	<sup>+</sup> 2.8	<sup>+</sup> 2.6	<sup>+</sup> 2.4	<sup>+</sup> 1.8	†0.8	<sup>+</sup> 0.4	<sup>†</sup> 0.2	<sup>†</sup> 0.1 <sup>†</sup>	<sup>†</sup> 0.0 <sup>†</sup> (	.0 <sup>†</sup> 0
<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.1	<sup>‡</sup> 0.1	<sup>†</sup> 0.3	<sup>†</sup> 0.8	<sup>+</sup> 1.9	<sup>+</sup> 2.3	<sup>+</sup> 2.6	<sup>+</sup> 2.7	<sup>+</sup> 2.8	<sup>+</sup> 2.4	<sup>+</sup> 2.1	<sup>+</sup> 1.7	<sup>+</sup> 1.3	<sup>+</sup> 1.0	, †0.9	<sup>†</sup> 0.9	<sup>†</sup> 0.9	+ 1.1 <sup>+</sup>	∣ 1.3 <sup>†</sup> 1.	3 <sup>†</sup> 2.3	<sup>+</sup> 3.0	 <sup>+</sup> 3.4	<sup>+</sup> 3.3	<sup>+</sup> 3.0	2.3	<sup>+</sup> 1.1	<sup>+</sup> 0.6	<sup>†</sup> 0.3	<sup>†</sup> 0.1 <sup>†</sup>	<sup>†</sup> 0.0 <sup>†</sup>	.0 <sup>†</sup> 0
<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0 ⊣PROP	0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.1	<sup>+</sup> 0.2	<sup>†</sup> 0.5	<sup>+</sup> 1.0	<sup>+</sup> 2.2	<sup>+</sup> 2.6	_ <sup>+</sup> 2.8	<sup>+</sup> 2.7	<sup>+</sup> 2.4	<sup>+</sup> 2.1	<sup>+</sup> 1.9	<sup>+</sup> 1.7	<sup>+</sup> 1.3	<sup>+</sup> 1.1	<sup>+</sup> 1.0	<sup>+</sup> 1.0	<sup>+</sup> 1.1	<sup>+</sup> 1.2 <sup>+</sup>	1.4 <sup>+</sup> 1.	3 <sup>+</sup> 2.2	<sup>+</sup> 2.6	<sup>+</sup> 3.1	<sup>+</sup> 3.4	<sup>+</sup> 3.4	<sup>+</sup> 2.7	<sup>+</sup> 1.4	• 0.7	<sup>+</sup> 0.3	<sup>†</sup> 0.1	<sup>†</sup> 0.1 <sup>†</sup>	.0 <sup>†</sup> 0.0
<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0		<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.1	<sup>+</sup> 0.3	<sup>+</sup> 0.6	_1.4 ●-■■		<sup>+</sup> 2.9	_ <sup>+</sup> 2.7	<sup>+</sup> 2.3	<sup>+</sup> 2.0	+1.7	<sup>+</sup> 1.6	<sup>+</sup> 1.5	<sup>+</sup> 1.3	<sup>+</sup> 1.2	<sup>+</sup> 1.1	<sup>+</sup> 1.1	+1.1	<sup>+</sup> 1.2 <sup>+</sup>	1.4 <sup>+</sup> 1.	7 <sup>+</sup> 1.9	<sup>+</sup> 2.4	<sup>+</sup> 2.7	<sup>+</sup> 3.2	<sup>+</sup> 3.6	<sup>+</sup> 3.0	● <sup>†</sup> 1.7	• 0.8	<sup>+</sup> 0.4	<sup>†</sup> 0.1	<sup>†</sup> 0.1 <sup>†</sup>	.0 <sup>†</sup> 0.0
<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.1	<sup>+</sup> 0.2	<sup>+</sup> 0.5			+ 2.8	-*2.5	<sup>+</sup> 2.0	<sup>+</sup> 1.7	1.5	<sup>+</sup> 1.4	<sup>+</sup> 1.4	<sup>+</sup> 1.3	<sup>+</sup> 1.1	<sup>+</sup> 1.1	<sup>+</sup> 1.1		<sup>+</sup> 1.2	.4 <sup>+</sup> 1.	6 <b>1.7</b>	<sup>+</sup> 2.1	<sup>+</sup> 2.5	<sup>+</sup> 3.0	<sup>+</sup> 3.3	<sup>+</sup> 2.8	<sup>+</sup> 1.3	<sup>+</sup> 0.6	<sup>+</sup> 0.3	<sup>†</sup> 0.1	<sup>+</sup> 0.1 <sup>+</sup>	0.0 <sup>†</sup> 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.1	<sup>†</sup> 0.2	<sup>†</sup> 0.3	<b>0</b> .7	+1.9	+ 2.2	<sup>-+</sup> 2.2	<sup>+</sup> 1.9	<sup>+</sup> 1.6	<sup>+</sup> 1.4	<sup>+</sup> 1.4	<sup>+</sup> 1.3	<sup>+</sup> 1.2	<sup>+</sup> 1.1	<sup>†</sup> 1.0	<sup>+</sup> 1.0	+1.1		 1_4 <sup>†</sup> 1.	4 1.6	<sup>+</sup> 2.1	<sup>+</sup> 2.4	<sup>+</sup> 2.7	<sup>+</sup> 2.7	<sup>+</sup> 2.4	<sup>†</sup> 0.8	<sup>+</sup> 0.3	<sup>†</sup> 0.2	<sup>†</sup> 0.1 <sup>†</sup>	ŧ0.0 ť	.0 <sup>†</sup> 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.2	<sup>†</sup> 0.5	1.6	/1,9/	1.9	<sup>+</sup> 1.8	<sup>+</sup> 1.7	<sup>+</sup> 1.4			<sup>+</sup> 1.3	<sup>+</sup> 1.1	<sup>+</sup> 1.0	<sup>†</sup> 0.9	<sup>+</sup> 1.0	<sup>+</sup> 1.2 <sup>+</sup>	1.3 <sup>+1.</sup> DD	5 1.7	<sup>+</sup> 2.1	2.4	<sup>+</sup> 2.5	<sup>+</sup> 2.6	<sup>+</sup> 2.3	<sup>†</sup> 0.7	<sup>+</sup> 0.2	<sup>†</sup> 0.1	<sup>†</sup> 0.1 <sup>†</sup>	<sup>†</sup> 0.0 <sup>†</sup>	.0 <sup>†</sup> 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.4	+1.4	<sup>+</sup> 1.6	<sup>+</sup> 1.7	<sup>+</sup> 1.7	<sup>+</sup> 1.6	<sup>+</sup> 1.4	• <b>∎</b> <sup>†</sup> 1.5		<sup>+</sup> 1.2	<sup>+</sup> 1.1	<sup>+</sup> 1.0	<sup>†</sup> 0.9	<sup>+</sup> 1.0	<sup>+</sup> 1.1 <sup>+</sup>	1.3 <sup>+</sup> 1.	5 1.6	<sup>+</sup> 2.0	<sup>+</sup> 2.3	<sup>+</sup> 2.5	<sup>+</sup> 2.5	<sup>+</sup> 2.2	<sup>†</sup> 0.7	<sup>+</sup> 0.3	<sup>†</sup> 0.1	0.1	<sup>†</sup> 0.0 <sup>†</sup> (	ō.0 <sup>†</sup> 0
<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>*</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.4	+1.3	<sup>+</sup> 1.6	1.6	<sup>+</sup> 1.6	<sup>+</sup> 1.6	<sup>+</sup> 1.4	<sup>+</sup> 1.3	<sup>+</sup> 1.2	<sup>+</sup> 1.2	<sup>+</sup> 1.1	<sup>+</sup> 1.0	<sup>†</sup> 0.9	<sup>+</sup> 1.0	<sup>+</sup> 1.1 <sup>+</sup>	1.3 <sup>+</sup> 1.	3 <sup>†</sup> 1.4	<sup>+</sup> 1.9	_ <sup>+</sup> 2.2	<sup>+</sup> 2.6	<sup>+</sup> 2 <u>.8</u>	<sup>+</sup> 2.4	<sup>+</sup> 1.0	<sup>+</sup> 0.4	<sup>†</sup> 0.2	0.1 <sup>1</sup>	<sup>†</sup> 0.0 <sup>†</sup> (	0.0 <sup>†</sup> 0
<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> o.c	<sup>†</sup> 0.0	_ ⁺0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.1	<sup>+</sup> 0.2	<sup>+</sup> 0.5	+1.6	+ 1.9	<sup>-+</sup> 1.9	<sup>+</sup> 1.7	<sup>+</sup> 1.5	<sup>+</sup> 1.2	<sup>+</sup> 1.1	<sup>+</sup> 1.1	<sup>+</sup> 1.0	<sup>†</sup> 0.9	<sup>†</sup> 0.9	<sup>+</sup> 0.9	<sup>+</sup> 0.9	<sup>+</sup> 0.9 <sup>+</sup>	1.0 <sup>+</sup> 1.	1 <sup>†</sup> 1.2	<sup>+</sup> 1.6	- <sup>+</sup> 2.0	<sup>+</sup> 2.4	<sup>+</sup> 2.9	<sup>+</sup> 2.5 CC	<b>†</b> 1.3	<sup>+</sup> 0.5	<sup>+</sup> 0.2	0.1 <sup>1</sup>	<sup>t</sup> 0.0 <sup>t</sup> 0	).0 <sup>†</sup> 0
<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.1	<sup>†</sup> 0.1	<sup>+</sup> 0.3	<sup>+</sup> 0.7	<sup>+</sup> 1.8	<sup>†</sup> 2.1	<sup>-</sup> +2.0	<sup>+</sup> 1.6	<sup>+</sup> 1.3	<u>1.0</u>	<sup>+</sup> 0.9	<sup>†</sup> 0.8	<u>†</u> 0.9	<sup>+</sup> 0.8	<sup>†</sup> 0.8	<sup>†</sup> 0.8	<sup>+</sup> 0.8	<sup>+</sup> 0.8 <sup>+</sup> (	D.8 <sup>†</sup> 0.	3 0.9	<sup>+</sup> 1.3	<sup>-</sup> <sup>+</sup> 1.7	<sup>+</sup> 2.1	<sup>+</sup> 2.5	<sup>+</sup> 2.2	<sup>+</sup> 1.1	<sup>+</sup> 0.5	<sup>†</sup> 0.2	0.1	<sup>†</sup> 0.0 <sup>†</sup> (	).0 <sup>†</sup> 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.1	<sup>+</sup> 0.2	<sup>+</sup> 0.4	1.0	<sup>+</sup> 2.1	<sup>+</sup> 2.4	<sup>+</sup> 2.0	<sup>+</sup> 1.5	<sup>+</sup> 1.1	<sup>†</sup> 0.7	<sup>+</sup> 0.6	<sup>†</sup> 0.6	<sup>+</sup> 0.7	<sup>+</sup> 0.7	<sup>†</sup> 0.7	<sup>+</sup> 0.7	<sup>-</sup> o.7	<sup>+</sup> 0.7 <sup>+</sup> (	D.6 <sup>†</sup> 0.	6 0.7	1.1	<sup>+</sup> 1.5	<sup>+</sup> 1.8	<sup>+</sup> 1.9	1.7	<sup>†</sup> 0.7	<sup>+</sup> 0.3	<sup>†</sup> 0.2	0.1	<sup>†</sup> 0.0 <sup>†</sup>	ō.0 <sup>†</sup> 0
<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.1	<sup>*</sup> 0.2	<sup>†</sup> 0.5	1.2	<sup>+</sup> 2.1	<sup>+</sup> 2.4	<sup>+</sup> 1.9	<sup>+</sup> 1.4	<sup>+</sup> 1.0	<sup>+</sup> 0.6	<sup>+</sup> 0.5	<sup>+</sup> 0.5	<sup>†</sup> 0.5	<sup>+</sup> 0.6	<sup>†</sup> 0.5	0.5	<sup>+</sup> 0.5	<sup>+</sup> 0.5 <sup>+</sup> 0	).5 <sup>†</sup> 0.	5 0.6	<sup>+</sup> 0.9	<sup>+</sup> 1.2	<sup>+</sup> 1.4	<sup>+</sup> 1.5	*13	<sup>†</sup> 0.5	<sup>+</sup> 0.2	0.1	0.1 <sup>1</sup>	<sup>†</sup> 0.0 <sup>†</sup>	).0 ⁺0
<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.1	<sup>†</sup> 0.2	<sup>†</sup> 0.3	<b>0</b> .8	<sup>+</sup> 1.8	<sup>+</sup> 2.0	<sup>+</sup> 1.8	<sup>+</sup> 1.3	<sup>†</sup> 0.8	<sup>†</sup> 0.5	<sup>+</sup> 0.4	<sup>†</sup> 0.3	<sup>+</sup> 0.4	<sup>+</sup> 0.4	<sup>+</sup> 0.4	<sup>+</sup> 0.4	<sup>+</sup> 0.4	<sup>+</sup> 0.4 <sup>+</sup> 0.4	0.3 <sup>†</sup> 0.	3 <sup>⁺</sup> 0.4	<sup>+</sup> 0.6	<sup>†</sup> 0.8	<sup>†</sup> 0.9	<sup>+</sup> 1.0	<sup>+</sup> 0.8	<sup>†</sup> 0.3	<sup>+</sup> 0.1	0.1	<sup>†</sup> 0.1 <sup>†</sup>	<sup>†</sup> 0.0 <sup>†</sup>	.0 <sup>†</sup> 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.2	<sup>†</sup> 0.5	+1.4	<sup>+</sup> 1.6	<sup>+</sup> 1.8	<sup>+</sup> 1.8	⁺1.4 ∣	<sup>†</sup> 0.8	<sup>†</sup> 0.3	<sup>†</sup> 0.4	<sup>†</sup> 0.8	<sup>+</sup> 1.0	<sup>†</sup> 0.8	<sup>†</sup> 0.5	<sup>†</sup> 0.6	⁺0.8 t	0.9 <sup>†</sup> 0.	7 <sup>†</sup> 0.3	<sup>†</sup> 0.8	<sup>+</sup> 1.2	<sup>+</sup> 1.3	<sup>+</sup> 1.1	<sup>†</sup> 0.6	<sup>†</sup> 0.2	<sup>†</sup> 0.1	<sup>†</sup> 0.1	0.1	ŧ0.0 t	ō.0 <sup>†</sup> 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.3	<sup>+</sup> 1.0	<sup>+</sup> 1.3	⁺3.6	<sup>+</sup> 3.6	<sup>+</sup> 3.5	<sup>†</sup> 3.1	<sup>†</sup> 0.7	<sup>+</sup> 2.3	⁺3.1	<sup>†</sup> 3.3	<sup>†</sup> 3.1	2.4	<sup>+</sup> 3.0	<sup>+</sup> 3.1 <sup>+</sup>	3.3 <sup>†</sup> 3.	0 <sup>+</sup> 1.8	<sup>+</sup> 3.2	<sup>+</sup> 3.4	<sup>+</sup> 3.6	<sup>+</sup> 3.2	<sup>+</sup> 1.1	<sup>†</sup> 0.6	<sup>†</sup> 0.4	0.2	0.1	to.o	0.0 <sup>†</sup> 0
<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> o.c	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>*</sup> 0.0	<sup>+</sup> 0.1			<sup>+</sup> 2.5		<sup>+</sup> 4.5 ⊶A ●	4.5	<sup>+</sup> 2.9	<sup>+</sup> 2.9 BB	<sup>+</sup> 3.0	<sup>+</sup> 3.8	75.1 • AA	- <sup>†</sup> 3.8			-	5.2 <sup>+</sup> 3. ]AA				-		<sup>+</sup> 2.6			_	0.1	⁺o.o  ⁺(	0.0 <sup>†</sup> 0
<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.1	<sup>+</sup> 0.5		<sup>+</sup> 5.1 🖸	4.4 EE	8.0 ■	3.2 5E	7.7	⁺ <sub>2.1</sub> Q	2.5	<sup>+</sup> 8.2 <b>□</b> EE	<sup>+</sup> 3.0 EE	8.2 <u>2</u>	2.5 <b>Q</b>	<sup>+</sup> 2.9	*8.8 *	JAA 3.1 <sup>†</sup> 7. □ EE	₅ <sup>∠.</sup> ¥Q	<sup>+</sup> 3.1	<sup>+</sup> 8.1 ■ EE	<sup>+</sup> 5.1	5.6		<sup>+</sup> 3.0				•0.0 (	
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.1	<sup>+</sup> 0.6	4.5	<sup>+</sup> 4.0 Έ			LL																BBH	• • • • • • • • • • • • • • • • • • •	<sup>†</sup> 7.6	5.8	0.1	to.ot	).0 <sup>†</sup> 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> o.c	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.1		+   4.4    EE <b>□</b> -																					<sup>+</sup> 3.8	<sup>+</sup> 6.4	<sup>‡</sup> 4.9	0.1	<sup>†</sup> 0.0 <sup>†</sup>	).0 <sup>†</sup> 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.1	<sup>†</sup> 0.6	4.3 EE	<sup>+</sup> 3.8																			F	+2.4 O <sub>BB</sub>	<sup>+</sup> 3.9	<sup>†</sup> 0.6	0.1	<sup>†</sup> 0.0 <sup>†</sup>	).0 <sup>+</sup> 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.1	<sup>†</sup> 0.6	+ 4.2																					<sup>+</sup> 3.2 E	<sup>+</sup> 1.2	<sup>†</sup> 0.3	0.1	<sup>†</sup> 0.0 <sup>†</sup> (	).0 <sup>†</sup> 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.1	<sup>†</sup> 0.5	<sub>+</sub> 3.8   <b>[]</b> [	E <sup>EE</sup> <b>D</b>	<sup>3.8</sup> E	<b>0</b> 10.3 E	<sup>+</sup> 2.4 E	2 <sup>+</sup> 9.3	<sup>+</sup> 1.2 <b>−</b> BB	- <sup>+</sup> 1.7	~	FF <b>F</b>												5.1	<sup>+</sup> 0.7	<sup>†</sup> 0.2	0.0	<sup>†</sup> 0.0 <sup>†</sup>	).0 <sup>†</sup> 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>*</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.2	<sup>+</sup> 1.4	<sup>†</sup> 0.2	1.7	<sup>†</sup> 0.6	<sup>†</sup> 0.6	<sup>+</sup> 1.1	<sup>+</sup> 1.6	<sup>+</sup> 1.7	8.2	+ LL⊾ 3.2	7.4 2	.3 BB	<sup>±</sup> 2.1	) FF	EE 🖸	7.2 -						<sup>+</sup> 5.2 E AA	<sup>+</sup> 1.2	<sup>†</sup> 0.2	0.0 †	<sup>†</sup> 0.0 <sup>†</sup> (	).0 <sup>†</sup> 0.(
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>+</sup> 0.0	<sup>+</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	0.1	<sup>+</sup> 5.3	<sup>+</sup> 5.4	⁺5.3		5.9	10.7	6.5	<sup>+</sup> 5.4	<sup>+</sup> 5.8	*8.1	<sup>+</sup> 11.3	<sup>+</sup> 6.8	<sup>+</sup> 3.8	10.8	EE <b>□</b> 11.3 <sup>†</sup> 14	0 <sup>+</sup> O	<sup>3B</sup> <sup>+</sup> 3.4	<b>D</b> <sub>EE</sub>	EE		D <sub>EE</sub> 1	5.0 <b>€</b>	1.0	<sup>†</sup> 0.1	ō.o †	<sup>†</sup> 0.0 <sup>†</sup>	).0 <sup>†</sup> 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	1.1	<sup>+</sup> 3.4	<sup>+</sup> 7.6 ● AA	4.7	4.8	~ ~ ~	<sup>†</sup> 9.6		4.3	+4.4 AA	<sup>+</sup> 10.4	<sup>†</sup> 10.4	<sup>+</sup> 8.2 ₩	4.9	<sup>+</sup> 5.1 <sup>+</sup> , AA <b>(</b>	10.9 <sup>1</sup> 10	.7 <sup>+</sup> 7.6 ● AA	<u> </u>	2.6	<sup>+</sup> 3.8	4.6 A	<sup>+</sup> 13,2 A ●	7.8	<sup>+</sup> 2.4	<sup>†</sup> 0.1	<sup>†</sup> 0.0 <sup>†</sup>	<sup>†</sup> 0.0 <sup>†</sup>	).0 †0
	<sup>†</sup> 0.0∕	<sup>†</sup> 0.0	¥0.0	<sup>−</sup> 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	<sup>-</sup> 0.5	<sup>-</sup> 0.3	- <sup>†</sup> 0.3	0.5	0.6		<sup>+</sup> 0.3		0.6	<sup>1</sup> 0.6	<sup>-</sup> 0.5	0.3	<sup>†</sup> 0.4 <sup>†</sup>	).7 <sup>†</sup> 0.	30.6_	<sup>†</sup> 0.4	0.4	<del>_</del> 0.3	0.3	0.6	<sup>+</sup> 1.5	<sup>†</sup> 0.2		0.0	ō.o t	).0 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	0	±0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.1	<sup>1</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.1	0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.1	0.1	<sup>†</sup> 0.1 <sup>†</sup>	).1 <sup>†</sup> 0.	1 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.1	<sup>†</sup> 0.1		Ō.O	0.0	ō.o t	).0 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>™</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>™</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0 <sup>†</sup> (	).0 <sup>†</sup> 0.	0.0 <sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	0.0	0.0	0.0	ō.o t	).0 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>™</sup> 0.0	<sup>†</sup> 0.0	0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0 <sup>†</sup> (	).0 <sup>†</sup> 0.	0.0 <sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	0.0	Ō.O	0.0	ō.o t	).0 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>™</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>™</sup> 0.0	<sup>•</sup> 0.0	0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>•</sup> 0.0	<sup>†</sup> 0.0 <sup>†</sup> (	D.0 <sup>†</sup> 0.	0.0 <sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	0.0	Ō.O	0.0	ō.o t	).0 0
<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>•</sup> 0.0 <b>PHC</b>	<sup>™</sup> 0.0 •••••••••••••••••••••••••••••••••••	<sup>†</sup> 0.0 M <b>F</b> T	<sup>†</sup> 0.0 TRIC	<sup>™</sup> 0.0 CSI	<sup>†</sup> 0.0 <b>TFF F</b>	<sup>-</sup> 0.0 <b>ΡΙΔ</b>	⁺ō.o ṫ N	0.0 <sup>†</sup> 0.	0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	<sup>†</sup> 0.0	0.0	0.0	0.0	⁺ 0.0 ⊺	0.0 <sup>†</sup> 0
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P.dwg Jan 05,2016 -
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FCU-Drake
015\Warren
$\mathbf{C}$
G:\Projects

COMPLETE SITE READINGS

Average

Maximum

Minimum

Avg:Min

Max:Min

1.1

18.5

0.0

N/A

N/A

상



# Quadro H2 LED



Project:	WFCU
Туре:	AA



		Pole Series	Height	Finish		Options	
Series	Optics	Mounting	Light Engine	ССТ	Finish	Voltage	Options
QH2L Quadro H2 LED	R1         Type I           R2         Type II           R3         Type III           R4         Type IV           R5         Type V	<ol> <li>Single</li> <li>Double</li> <li>W Wall Mount</li> </ol>	4TL350 <sup>1</sup> 350mA / 40W 4TL500 500mA / 58W	30 3000K 45 4500K	WH White BK Black BZ Bronze SV Silver SP Specify Premium Color	120 208 277 347 480	HSHouse Side Shield (external)DM1Dimming (0-10V)PCTPhotocell TenonHL2Hi-Lo Switching

class IP67.

performance.

down transformer.

5. Optics - (Not shown) High

transmittance custom molded

lenses create IES distribution

types I, II, III, IV and V with IDA-

Approved "Dark Sky Friendly"

6. LED Driver - (Not shown)

constant current LED driver.

7. Surge Protection - (Not

device safeguards electrical

and 10kV). RoHS compliant.

8. Fixture Frame - Four cast

aluminum arms attach to pole

120-277 VAC input. Protection

class IP67. 347/480V with step

shown) 3-Pole Surge protection

strikes and surges up to (10kA

components from indirect lighting

High power factor, High efficiency

# QH2L **27**<sup>3</sup>/8" **23<sup>3</sup>/**16' (8) (9)

1. Fixture Cover - Formed low-copper aluminum cover hinges open for easy access to LED light engine.

2. Gasketing - Continuous molded gasket provides weatherproofing, dust and insect control at all luminaire connections.

Housing - Die-cast and spun low-copper aluminum components with stainless steel fasten-

4. LED Light Engine - (Not shown) High efficacy LED light engine with 60,000 hour life until L70. Available with3000K or 4500K CCT and a CRI of 80. Protection





Selux luminaires and poles are

finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment

process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

<sup>1</sup>No dimming at 350mA <sup>2</sup> 120V, 277V only

Qty:

Voltage

Finish

ССТ

Standard exterior colors are White (WH), Black (BK), Bronze (BZ) and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

5 Year Limited LED Luminaire Warranty - Selux offers a 5 Year Limited Warranty to the original purchaser that the Quadro H2 LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture, LED driver and LED light engine when installed and operated according to Selux instructions. Fixture suitable for ambient temperature of 40° C (104° F). For details and exclusions, see "Selux Terms and Condition of Sale."

Listings and Ratings: Tested to IESNA LM-79-08 and LM-80 test standards at 25°C ambient temperature. Rated for wet location.



### **Specifications** Luminaire 13-3/4' Width: Weight Depth: (25.4 cm) 6-3/8" Height:

d"series

# **Ordering Information**

DSXW1 LED	10C	350			
Series	LEDs	Drive Current	Color te		
DSXW1 LED	10C 10 LEDs (one engine) 20C 20 LEDs (two engines)	350         350 mA           530         530 mA           700         700 mA           1000         1000 mA           (1 A)         100	30K 40K 50K AMBPO		

2 Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.

- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.

facade

EE

- Also available as a separate accessory; see Accessories information. 9 See the electrical section on page 3 for more details.
- LITHONIA LIGHTING<sup>®</sup>

# **FEATURES & SPECIFICATIONS**

**INTENDED USE** — Typical applications include corridors, lobbies, conference rooms and private offices. CONSTRUCTION — 16-gauge galvanized steel mounting/plaster frame with trim clips to mount open conical shape reflector. Vertically adjustable mounting brackets that use 16-gauge flat bar hangers (included), 1/2" conduit or

#### C channel T-bar fasteners. Provides 3-3/4" total adjustment. Post installation adjustment possible from above or below the ceiling. Galvanized steel junction box with bottom-hinged access covers and spring latches. Two combination 1/2"-3/4" and three 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out) No. 12 AWG conductors, rated for 90°C.

Secondary housing adjustment system for precise, final ceiling-to-flange alignment. Maximum 1-1/2" ceiling thickness

OPTICS — LED light source with diffused lens, recessed in a deep reflector with a 55-degree cutoff. Aluminum full reflectors are optically designed to maximize lumen output and to provide superior glare control. Anodized trim colors for open and wallwash reflectors are available in clear, pewter, wheat or gold. White polyester powder coat also available.

# Minimum CRI of 80.

**ELECTRICAL** — High-efficiency, eldoLED 0-10V dimming driver mounted to the junction box, dims luminaire to 10% of its light output. 1% dimming option available (see EZ1 ordering options below). Dimming fixture requires two (2) additional low-voltage wires to be pulled. For compatible dimmers and dimming range, refer to Dimmer Compatibility Chart on page 4.

The system maintains 70% lumen output for more than 50,000 hours. LISTINGS — CSA certified to US and Canadian safety standards. Open downlight (LO6): Wet location listed. Wallwash downlight (LW6): Rated for damp and dry locations only. ENERGY STAR® certified. WARRANTY — 5-year limited warranty. Complete warranty terms located at

www.acuitybrands.com/CustomerResources/Terms and conditions.aspx Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C. Note: Specifications subject to change without notice.

(A) Height package 600 lm 1000 lm 1500 lm 2000 lm 7-13/16 (19.9)

— C —

— D —

——— E ———

LDN6	40/1	0	L06	AR				120	
Series	Colortemperature	Lumens 1,2	Reflector	Trim colo	or	Finish		Voltage	Options
LDN6	27/ 2700 K 30/ 3000 K 35/ 3500 K 40/ 4000 K	06         600 lumens           10         1000 lumens           15         1500 lumens           20         2000 lumens	LOG Open downlight LWG Wallwash downlight <sup>3</sup>	AR PR WTR GR WR BR	Clear Pewter Wheat Gold White <sup>4</sup> Black <sup>4</sup>	(blank) LD LS	Semi- specular Matte- diffuse Specular	120 277 347 <sup>5</sup>	EL ELR SF TRW TRBL NPS80EZE RRL EZ1 CP
Accessori EAC ISSM EAC ISSM GRA68 JZ SCA6	125Compact interred2Oversized trime	uptible emergency uptible emergency ring with 8″ outside	AC power system	5.	2 0 3 R 4 N 5 N 6 F 7 N 8 F 9 2 1 9 2	verall height ated for dam ot available or dimension ot available or use with g 77 volt CP pru aires: 2 ft.; (k	umen output. varies by lume p and dry locat with finishes. with emergenc al changes, ref with WR (white enerator suppl oducts require b) Top of lumina GOOF RINGS fo	tions only. ay options. fer to chart on e trim color). y EM power. marked spaci aire to overhe	n page 4. Not Will require a Ing. Install wi ad building n



(ELR as needed) Emergency battery pack with integral test switch Emergency battery pack with remote test switch <sup>6</sup>

Single fuse White painted flange 7 Black painted flange nLight<sup>®</sup> dimming pack controls 0-10V eldoLED drivers Refer to TN-633. ER nLight<sup>®</sup> dimming pack controls 0-10V eldoLED drivers. EF controls fixtures on emergency circuit. Refer to TN-633. RELOC<sup>®</sup>-ready luminaire connectors enables a simple an consistent factory installed option across all ABL luminaire

brands. Refer to <u>ŔRL</u> for complete nomenclature. eldoLED dims to 1% Chicago plenum 5, 9

ension chart on page 1.

vailable with CP option.

n emergency hot feed and normal hot feed h minimal spacing between: (a) Center-to-center of adjacent lumi nember: 3 in.; (c) Luminaire center to side of building member: 1 ft.



DBLXD			S.M. W.		oria	AC .		Catalog Number	DSX0	LED 4	OC 1000 30K T5W I	MVOLT SP	A DBLXD
				D-Se Size	0	Lumina	niro	Notes	KW P	OLE: S	SSP17.5-4.0-7-BLK-	DM10-BC	
				LED A	leai	Lumma	aire	Туре	DD				
				NIGHT FREN	TIME			Hit the Tab key or Introd		1.0	to see all interactive elements.		
ing ive		d"series						yet unc	btru	sive	ing of the D-S - making a bo	old, prog	gressive
th its	-	cifications				H		stateme environ			as it blends se	eamless	ly with its
st in LED efficacy, metric	EPA: Lengt	0.8 ft <sup>2</sup> (.07 m <sup>3</sup> ) h: 26" (66.0 cm)		<u> </u>	w —			The D-S technol	Serie ogy	s dist into a	tills the benefi a high perform	nance, h	igh efficacy,
	Width	: 13" (33.0 cm)			L			perform	nanc	e res	e. The outstar ults in sites wit	th excel	lent
power metal nd	Heigh Weigł (max):	16 lbs		2		<u>+</u>		density. halide v	It is vith t	ideal ypica	er pole spacin I for replacing al energy savir	up to 4 ngs of 6	00W metal 5% and
A DDBXD	Order	ing Informatio	n			EXA	MPLE				life of over 10		
	DSX0 LED	40C	1000	40K			Г5W		[	/OLT		SPA	
	Series	LEDs	Drive current	Color temperature	Distribu	ution			Vol	tage	Mounting		
nting adaptor <sup>6</sup> nting adaptor <sup>6</sup> et adaptor	DSX0 LED	Forward optics         20C       20 LEDs (one engine)         40C       40 LEDs (two engines)         Rotated optics <sup>1</sup> 300 LEDs (one engine)	<b>530</b> 530 mA <b>700</b> 700 mA <b>1000</b> 1000 mA (1 A) <sup>2</sup>	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T2S T2M T3S 3 T3M	Type I short Type II short Type II medium Type III short Type III medium Type IV medium		Forward throw medium Type V very short Type V short Type V medium Type V wide	12 20 24 27 34	VOLT <sup>4</sup> 0 <sup>4</sup> 8 <sup>4</sup> 0 <sup>4</sup> 7 <sup>4</sup> 7 <sup>5</sup> 80 <sup>5</sup>	RPA     Ro       WBA     Wa       SPUMBA     Sq       RPUMBA     Ro       Shipped separately     KMA8 DDXD U	ound pole unive	
(D				· · · · · · · · · · · · · · · · · · ·									DBLXD
	Control optio	ons								Other	options	Finish (req	uired)
ronze I aluminum ed dark bronze ed black ed natural um ed white	PER5FivePER7SeveDMG0-1DCRDimPIRMot	talled At twist-lock receptacle only (no wire receptacle only (no control en-wire receptacle only (no control OV dimming driver (no controls) imable and controllable via ROAN ion/ambient sensor, 8-15' mounti ion/ambient sensor, 15-30' moun	s) <sup>8,9</sup> ols) <sup>8,9</sup> <sup>10</sup> (no controls) <sup>11</sup> ng height, ambient sens	or enabled at 5fc <sup>12</sup> F sor enabled at 5fc <sup>12</sup> F	PIR1FC3V PIRH1FC3V BL30 BL50 PNMTDD3 PNMT5D3 PNMT6D3 PNMT7D3	Motion/ambient se sensor enabled at 1 Motion/ambient se sensor enabled at 1 Bi-level switched of Bi-level switched of Part night, dim till Part night, dim 5 H Part night, dim 6 H Part night, dim 7 H	lfc <sup>12</sup> ensor, 15–30'ı ffc <sup>12</sup> dimming, 30' dimming, 50' dawn <sup>15</sup> nrs <sup>15</sup> nrs <sup>15</sup>	% <sup>13, 14</sup>		Ship HS SF DF L90 R90 DDL	ped installed House-side shield <sup>16</sup> Single fuse (120, 277, 347V) <sup>17</sup> Double fuse (208, 240, 480V) <sup>17</sup> Left rotated optics <sup>1</sup> Right rotated optics <sup>1</sup> Diffused drop lens <sup>16</sup>	DDBXD DBLXD DNAXD DWHXD DDBTXD DBLBXD DNATXD DWHGXD	Dark bronze Black Natural aluminum White Textured dark bronze Textured black Textured natural aluminum Textured white
ng capability; PER ed for ROAM® 42-6745 or email: 50 or PNMT OP control; PIRH control; see d. Not available ed with DCR. h 347V, 480V, h 347V, 480V, h 347V, 480V, formation. (DF) requires ared and shipped	Alter of the second sec	5 30C U     House-side shield for 30       5 40C U     House-side shield for 40	ck (120-277V) <sup>18</sup> ck (347V) <sup>18</sup> 14 (480V) <sup>18</sup> 14 LED unit <sup>16</sup> 14 ED unit <sup>16</sup> 14 ED unit <sup>16</sup> 14 Cunit <sup>16</sup> 16 unit <sup>16</sup> 16 unit <sup>16</sup> 16 unit <sup>16</sup> 16 unit <sup>16</sup> 17 (16) 18 (16) 19 (16)	Specify 120V, 208 (SF, DF options). 5 Not available with BL3 6 Available as a sep vibration load rati 7 Must be ordered use with 2-3/8" m 8 Photocell orderec Controls. See acc 9 ff ROAM® node r	lable with AN lable with 53 erates on any X, 240V or 2' h single boar 30, BLS0 or P as a separate ast arm (not ast as separate and shippe ressories. required, it m uity Brands (	MBPC. 30mA or 700mA. y line voltage from 277V options only v rd, 530mA product PNMT options. ination accessory: Ic I C136.31. te accessory; see A t included). ad as a separate lin must be ordered ar Controls. Not availi	a 120-277V ( vhen orderin : (20C 530 of PUMBA (fini: cccessories ir e item from ad shipped a able with DC	50/60 Hz). 1g with fusing r 30C 530). Not sh) U; 1.5 G Iformation. For Acuity Brands as a separate	or de sa or 12 PI an M wi Se 13 Re 14 Di D0 15 Di 16 AI 17 Sii 20 16 AR 17 Sii	btion req ploymer les@roan btions. R and PIR d PIRH11 otion Set th PER5 oparate o quires a mming c CR, PER5 so availangle fuse 80 v, 2400 vguires lu	ROAM® enabled lumina uired. Additional hardwar ut; must be purchased se nservices.net. N/A with P R1FG3V specify the Sensof FG3V specify the Sensof roor Guide for details. Di or PER7. Ambient sensor n/off required. n additional switched circ iriver standard. MVOLT o i, PER7 or PNMT options livier standard. MVOLT o i, PER7, BL30 or BL50. ble as a separate accessor (SF) requires 120V, 277V / or 480V. minaire to be specified v te line item from Acuity 1	re and service parately. Call YERS, PER7, BI or Switch SBGR/ which SBGR/ mming driver r disabled whe cuit. mly. Not availa mly. Not availa ory; see Access r or 347V. Dou with PER optio	s required for ROAM® 1800-442-6745 or email .30, BL50 or PNMT R-10-ODP control; PIRH H-ODP control; see standard. Not available n ordered with DCR. ble with 347V, 480V, ble with 347V, 480V, sories information. ble fuse (DF) requires n. Ordered and shipped

# TYPE 'DD'

LIGHTING FIXTU	JRE SCHEDUL	E				
	FINISH	MOUNTING	MANUFACT.	CATALOG #	VOLT.	NOTES
- FANT	BLACK	POLE MOUNT ON 24" BASE	SE'LUX	QH2L-R3-1-4TL50030-BK-208 / S35-10-BK-BC1	208	1
GH H	BLACK	WALL MOUNT 9' AFG	LITHONIA	DSXW1 LED 10C 350 30K T3S MVOLT (ELCW) DBLXD	MVOLT	2
IGH ER -YEAR	BLACK	POLE MOUNT 20' AFG ON 30" BASE	LITHONIA KW POLE	DSX0 LED 40C 1000 30K T4M MVOLT SPA DBLXD- HS SSP17.5-4.0-7-BLK-DM10-BC	MVOLT	
IGH -YEAR	BLACK	POLE MOUNT 20' AFG ON 30" BASE	LITHONIA KW POLE	DSX0 LED 40C 1000 30K T5W MVOLT SPA DBLXD SSP17.5-4.0-7-BLK-DM10-BC	MVOLT	
IGH	ALZAK	EXTERIOR SOFFIT	LITHONIA	LDN6 30/10 L06AR 120 (ELR)	120	2
drawings accordi	ingly			•		

# **FIXTURE CUT SHEETS**

# WARREN FEDERAL **CREDIT UNION - EAST DRAKE** PRELIMINARY DEVELOPMENT PLAN



VISIONS:	
1310113.	
SUBMITTAL	

<u>DATE:</u> 01/05/2016

\_\_\_\_

970-223-7577 **NOVEMBER 17, 2015** 

E-2P SHEET 2 OF 2

1603 Oakridge Drive

Fort Collins, CO 80525









REVISIONS: RESUBMITTAL

ELEC	TRICAL	SITE P	LAN
CRED	WARF IT UNION -	REN FEDE EAST DR	
RELIMINA	RY DEVEL		PLAN
REVISIONS:	DATE:	1603 Oakridge Drive Fort Collins, CO 80525 970-223-7577	bha

NOVEMBER 17, 2015

E-1.0

<u>DATE:</u> 01/05/2016

\_\_\_\_\_

\_\_\_\_\_

<u>CENTURY\_LINK</u> Rob.rallie@centurylink.com Direct: (970) 490-7503 Cell: (970) 988-2120

COMCAST Don Kapperman@cable.comcast.com Direct: (970) 567-0245

BREAKERS SHALL BE SERIES RATED FOR THE AVAILABLE FAULT CURRENT VALUES SHOWN.

SERIES RATING SPECIFICATION

Where series rating combinations are shown on the plans, the loadside circuit breakers supplied shall be test and listed as a series combination with the line side feeder fuses per the plans. Panelboards with series rated loadside circuit breakers shall have a <u>manufacturer's label</u> stating the listing for the series combination interrupting rating for the loadside circuit breakers and the lineside fuse (or circuit breaker) combination, in compliance with NEC Section 240-86. This series rating shall be equal to or greater than the available short-circuit current.

Where series rated combinations are utilized, the electrical contractor shall affix <u>field installed labels</u> to the loadside circuit breaker panelboard and feeder switch/panelboard/switchboard, in compliance with NEC Section 110-22. As required in Section 110-22, the loadside panelboard/switchboard label shall be field marked with the short-circuit rating of the series combination, type circuit breaker for replacement, part number for the series rated lineside, feeder fuses and location/name of this fuse switch/panelboard/switchboard. The panel/switch with the lineside fuses (or circuit breaker) shall be field marked with short-circuit rating of the series combination, part number for fuse (or circuit breaker) replacement and the location/name of loadside, series rated panelboard/switchboard.

If the manufacturer/supplier/installer cannot supply tested and listed series rated combinations of the specified loadside circuit breakers with the specified line side fuses, it is their responsibility to provide loadside circuit breakers that have fully rated interrupting ratings equal to or greater than the short—circuit current available at the loadside circuit breakers.

PAD MOUNT TRANSFORMER FORT COLLINS LIGHT AND POWER





	FEEDER SCHEDULE	FLAG NOTES - THIS SHEET ONLY
KEY	DESCRIPTION	EC SHALL VERIFY ALL UTILITY REQUIREMENTS WITH LOCAL UTILITY PRIOR TO SUBMITTAL OF SHOP
$\bigcirc$	2 RUNS [(4 #500 THWN CU) 4"C.]	DRAWINGS – NOTIFY LUKE UNRUH AT LIGHT AND POWER ENGINEERING (970) 416–2724.
2	(#6 CU GRD) 3/4"C.	> TWIST CONDUCTORS - THREE TWISTS PER FOOT OF
3	(#2/0 CU GRD) 1"C.	CABLE AND INSTALL AS CLOSE TO OCPD AS POSSIBLE WITH MINIMUM BENDS.
4	(#2/0 CU GRD) 1"C.	
5	(4 #3/0 THWN CU & #6 CU GRD) 2 1/2"C.	
6	2 1/2"C. TO TENANT SPACE.	
7	(4 #10 THWN CU & #10 CU GRD) 1"C.	
8	2 RUNS [(4 #3/0 THWN CU & #1/0 CU GRD) 2 1/2"C.	
9	2 RUNS [(4 #3/0 THWN CU & #6 CU GRD) 2 1/2"C.	
10	1 1/4"C.	
11	(4 #1 THWN CU & #8 CU GRD) 2"C.	
12	(4 #1/0 THWN CU & #6 CU GRD) 2 1/2"C.	

STEEL TIE WIRE ATTACHING UFER GROUND TO REBAR 2" MIN. 2" MIN. 2" MIN. REBAR 1/2" AND LARGER RUNNING	GROUNDING ELECTRODE CONDUCTOR NON-METALLIC PROTECTIVE SLEEVE FOUNDATION IN DIRECT CONTACT WITH EARTH	TO GROUND BAR FIELD COORDINATE LOCATION WITH CIVIL ENGINEER PRIOR TO ROUGH-IN CONCRETE SLAB UFER GROUND 20 FOOT MINIMUM. SEE ONE-LINE FOR SIZE
PERPENDICULAR TO UFER GROUND	ER GROUND DETA	
	N.T.S.	

# 

& ASSOCIATES, LLC ELECTRICAL ENGINEERS
6801 W. 20TH ST. UNIT #212 GREELEY, COLORADO 80634
GREELEY: (970) 330-3266 FACSIMILE: 1 (888) 551-1062

	E-2.0
 	NOVEMBER 17, 2015
<u>DATE:</u> 01/05/2016	Fort Collins, CO 80525 970-223-7577



# LEGEND

	EΣ
OHT	EΧ
F0	EΣ
CTV	EΣ
	EΣ
OHE	EΣ
	EΣ
OHE	EΣ
	EΣ
$\bigcirc$	EΣ
	ΕX
$\bowtie$	EΣ
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• XX.X • XX.X XXXX XXXX 	E> E> E> E> E>
• XX.X • XX.X XXXX 	E> E> E> E> E> E>

XISTING TELEPHONE LINE	
XISTING OVERHEAD TELEPHONE LINE	
XISTING FIBER OPTIC LINE	
XISTING CABLE TV	
XISTING ELECTRIC LINE	
XISTING OVERHEAD ELECTRIC LINE	
XISTING GAS	
XISTING OVERHEAD UTILITY	
XISTING SANITARY SEWER MAIN	
XISTING MANHOLE	
XISTING WATER MAIN	
XISTING WATER VALVE	
XISTING FIRE HYDRANT	
XISTING STORM SEWER	
XISTING STORM SEWER INLET	
XISTING FLOWLINE, CURB & GUTTER	
XISTING CONCRETE	
XISTING SPOT ELEVATION	
XISTING MINOR CONTOUR	
XISTING MAJOR CONTOUR	
EXISTING UTILITY POLE	
XISTING STREET LIGHT	
XISTING GUY WIRE	
XISTING FENCE	
XISTING WOOD POST	
XISTING METAL POST	



ROPOSED GAS PROPOSED OVERHEAD UTILITY ROPOSED SANITARY SEWER MANHOLE ROPOSED WATER VALVE PROPOSED FIRE HYDRANT ROPOSED STORM SEWER MANHOLE

ROPOSED OVERHEAD ELECTRIC LINE

PROPOSED STORM INLET

ROPOSED TELEPHONE LINE

DPOSED CABLE TV

POSED FIBER OPTIC LINE

POSED ELECTRIC LINE

OPOSED OVERHEAD TELEPHONE LINE

PROPOSED FLOWLINE, CURB & GUTTER

PROPOSED CONCRETE

PROPOSED SPOT ELEVATION PROPOSED MINOR CONTOUR

PROPOSED MAJOR CONTOUR

PROPOSED UTILITY POLE

PROPOSED STREET LIGHT

PROPOSED LIGHT POLES

PROPOSED FENCE

PROPOSED WATER SERVICE W/ CURB STOP AND METER PIT

# ROPOSED SANITARY SEWER SERVIC

V/ CLEANOUT

- PROPOSED DIRECTION OF OVERLAND FLOW PROPOSED SWALE
- PROPOSED EMERGENCY OVERFLOW ROUTE

LIMITS OF DEVELOPMENT (LOD)

PROPOSED HANDICAP RAMP

PHASE LINE

# **ABBREVIATION LIST**

AD	ALGEBRAIC DIFFERENCE	LF	LINEAR FEET			
AE	ACCESS EASEMENT	LP	LOW POINT			
ARV	AIR RELEASE VALVE	LT	LEFT			
BOV	BLOW OFF VALVE	МН	MANHOLE			
BW	BOTTOM OF WALL	OHE	OVERHEAD ELECTRIC			
CL	CENTERLINE	OHT	OVERHEAD TELEPHONE			
	CORRUGATED METAL PIPE	OHU	OVERHEAD UTILITY			
		PE PC	PEDESTRIAN EASEMENT			
CO		PCR	POINT OF CURVATURE POINT OF CURB RETURN			
DE	DRAINAGE EASEMENT	PCR	POINT OF CORB RETORN POINT OF INTERSECTION			
E	ELECTRIC	PT	POINT OF TANGENCY			
EAE	EMERGENCY ACCESS EASEMENT	PVC	POLYVINYL CHLORIDE			
EG	EXISTING GROUND	RCP	REINFORCED CONCRETE PIPE			
EL	ELEVATION	RD	ROOF DRAIN			
EOA	EDGE OF ASPHALT	ROW	RIGHT-OF-WAY			
EX	EXISTING	RT	RIGHT			
ESMT	EASEMENT	S	SANITARY SEWER			
F	FIRE LINE	STA	STATION			
FES	FLARED END SECTION	SD	STORM DRAIN PIPE			
FF	FINISHED FLOOR	SDMH	STORM DRAIN MANHOLE			
FG	FINISHED GRADE	SMH T	SANITARY SEWER MANHOLE TELEPHONE			
FH	FIRE HYDRANT	ТВ	THRUST BLOCK			
		TBC	TOP BACK OF CURB			
FL	FLOWLINE	TCE	TEMPORARY CONSTRUCTION EASEMENT			
FO	FIBER OPTIC	TC	TOP OF CONCRETE			
G	GAS	TF	TOP OF FOUNDATION			
GB	GRADE BREAK	ТW	TOP OF WALL			
GD	GROUND	TYP	TYPICAL			
GV	GATE VALVE	UE	UTILITY EASEMENT			
HDPE	HIGH DENSITY POLYETHYLENE	VB	VALVE BOX			
HP	HIGH POINT	VCP	VITRIFIED CLAY PIPE			
IE	IRRIGATION EASEMENT	VPC	VERTICAL POINT OF CURVATURE			
INV	INVERT	VPI	VERTICAL POINT OF INTERSECTION			
IRR	IRRIGATION	VPT	VERTICAL POINT OF TANGENCY			
		W	WATERLINE			

# PRELIMINARY UTILITY PLANS LOT 3 AND TRACT A, WARREN FEDERAL CREDIT UNION - EAST DR LOCATED IN THE NORTHWEST QUARTER OF SECTION 29, T-7-N, R-68-W OF **CITY OF FORT COLLINS, COUNTY OF LARIMER, COLORADO JANUARY**, 2016



# **BENCHMARKS**:

PROJECT DATUM: NAVD88

BENCHMARK #17-92

300 FEET SOUTH OF THE SOUTHWEST CORNER OF EAST DRAKE RD. AND TIMBERLINE RD, IN THE TOP OF AN IRRIGATION STRUCTURE. ELEVATION=4938.70

SCALE: 1" = 500'

BENCHMARK #5-07

SOUTHWEST CORNER OF RIGDEN PARKWAY AND DRAKE RD. ON SOUTHWEST CORNER OF A CATCH BASIN. ELEVATION=4926.96

PLEASE NOTE: THIS PLAN SET IS USING NAVD88 FOR A VERTICAL DATUM. SURROUNDING DEVELOPMENTS HAVE USED NGVD29 UNADJUSTED FOR THEIR VERTICAL DATUMS.

IF NGVD29 UNADJUSTED DATUM IS REQUIRED FOR ANY PURPOSE, THE FOLLOWING EQUATION SHOULD BE USED:

NGVD29 UNADJUSTED = NAVD88 - 3.19'

# HORIZONTAL DATUM:

COLORADO STATE PLANE COORDINATES NAD83(2007) DATUM. HORIZONTAL CONTROL BASED UPON TRIMBLE VRS NETWORK.

# UTILITY CONTACTS:

CITY OF FORT COLLINS 700 WOOD STREET Fort Collins, Colorado 80522

WATER UTILITIES ENGINEER Wes Lamarque

Рн. 970.416.2418 LIGHT & POWER

LUKE UNRUH Рн. 970.416.2724 NATURAL GAS **XCEL ENERGY** 1901 E. Horsetooth Road Fort Collins, Colorado 80525 **CONTACT: STEPHANIE RICH** Рн. 970.225.7828

**TELEPHONE SERVICE CENTURY LINK (QWEST) 3351 EASTBROOK DRIVE** FORT COLLINS, COLORADO 80525 **CONTACT: BOB RULLI** Рн. 970.377.6403

SHEET N .... з ••••

> ARCHIT **RB+BAR** 315 Mou FORT COL Рн. 970.4 CONTACT

LANDSC BHA DESI 1603 OAK FORT COL Рн. 970.2 CONTACT

ENGINE INTERWES 1218 W. A WINDSOR Рн. 970.6 CONTACT

SURVEY 650 East WINDSOR Рн. 970.6 CONTACT:

# INDEMNIFIC

THESE PLANS CONCEPT ON **REVIEWING I** LOCAL ENTI CALCULATIC QUANTITIES **REQUIRED.** ACCEPTANC FOR ADDITIO **REQUIRED DU** 

I HE PLAN SUPI CITY

RAKE THE 6TH P	M			1218 W. Ash, Suite C Windsor , Colorado 80550	970) 674-3( )) 674-3303 G G R	
INDEX OF SH         0.       Description         COVER SH       COVER SH         UTILITY P       GRADING         GRADING       DRAINAG	PTION OF SHEETS HEET LAN PLAN			315 E MOUNTAIN AVE #100	PHONE: 970.484.0117	
CAPE ARCHITECT GN RIDGE DR #100 LINS, CO 80525 23.7577 MIKE MCBRIDE ER T CONSULTING GROUP ASH, SUITE A COLORADO 80550 374.3300 MIKE OBERLANDER OR VEYORS, INC. GARDEN DRIVE COLORADO 80550 366.5011 LARRY PEPEK CATION STATEMENT: S HAVE BEEN REVIEWED BY THE I ILY. THE REVIEW DOES NOT IMPL DEPARTMENT, THE LOCAL ENTITY Y FOR ACCURACY AND CORRECT INS. FURTHERMORE, THE REVIEW OF ITEMS ON THE PLANS ARE THE HE REVIEW SHALL NOT BE CONS E OF FINANCIAL RESPONSIBILITY NAL QUANTITIES OF ITEMS SHOW	Y RESPONSIBILITY BY THE TENGINEER, OR THE TNESS OF THE TOES NOT IMPLY THAT TRUED IN ANY REASON AS TRUED IN ANY REASON AS THE LOCAL ENTITY		LOT 1.3 AND TRACT A. WARREN	<b>CREDIT UNION -</b>	COVER SHEET	
URING THE CONSTRUCTION PHAS	PRELIMINARY NOT FOR CONSTRUCTI	ON	<b>DATE:</b> 1/5/2016	SCALE (H): NA SCALE (V): N/A	DESIGNED BY: MO	CHECKED BY: MO
CALL UTILITY NOTIFICATION CENTER OF COLORADO <b>811</b> CALL 2-BUSINESS DAYS IN ADVANCE EFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES. REBY AFFIRM THAT THESE FINAL CONSTRUCTION MEMBER UTILITIES. REBY AFFIRM THAT THESE FINAL CONSTRUCTION NS WERE PREPARED UNDER MY DIRECT ERVISION, IN ACCORDANCE WITH ALL APPLICABLE OF FORT COLLINS AND STATE OF COLORADO NDARDS AND STATUTES, RESPECTIVELY; AND T I AM FULLY RESPONSIBLE FOR THE ACCURACY ALL DESIGN, REVISIONS, AND RECORD CONDITIONS T I HAVE NOTED ON THESE PLANS.	APPROVED:	DATE DATE DATE DATE DATE DATE DATE	PRO	J. NO. 12 1	219-048	3-00







NONDRIVE	Design	Tributary Sub-basin	Area	C (10)	C (100)	tc (10)	tc (100)	Q(10)tot	Q(100)tot	
	Point		(ac)			(min)	(min)	(cfs)	(cfs)	
	а	A	0.52	0.91	1.00	5.0	5.0	2.3	5.1	Exist
	b1	B1	0.44	0.70	0.88	5.0	5.0	1.5	3.8	Туре
	b2	B2	0.79	0.74	0.92	5.0	5.0	2.8	7.2	Туре
	с	С	0.26	0.71	0.88	5.0	5.0	0.9	2.3	Drain
	•	•	•	•	•	•	•			

		LEGEND EXISTING MINOR CONTOUR EXISTING MAJOR CONTOUR PROPOSED MINOR CONTOU PROPOSED MAJOR CONTOU PROPOSED DIRECTION OF OVERLAND FLOW DRAINAGE BASIN DIVIDE LIN	IR	No.DATEDESCRIPTIONBY			1218 W. Ash, Suite C Windsor , Colorado 80550 Phone. (970) 674.3300	Fax: (970) 674-3303 INTERWEST CONSULTING GROUP	
	0.370.63 1 1 NOTES 1. EROSION CONTROL	DRAINAGE BASIN NUMBER     PROP MAJOR STORM RUNOF     PROP DRAINAGE BASIN ARE     DESIGN POINT	4		PREPARED FOR		315 E MOUNIAIN AVE #100 FORT COLLINS, CO 80524	PHONE: 970.484.0117	
ПОN 20	New Impervious Area Required Minimum Im Area of Paver Section Run-on area for Paver Impervious Area Treat (Pervious Pavement Sy Total Impervious Area Actual % On-Site Treat	Section #1 (up to 3:1 is permited) ed by LID Treatment Method #1 ystem) Treated ed by LID 25% Porous Pavement Requirement rea of Porous Pavement #1 it Area vement Provided CALL UTILIT CENTER C 40 CALL 2-BUSINES BEFORE YOU DIG, FOR THE MARKIN	64,062 acre/s 32,031 acre/s 8,255 acre/s 32,797 acre/s 32,797 acre/s 32,797 acre/s 51 %	sq. ft. sq. ft. sq. ft. sq. ft. sq. ft. sq. ft. sq. ft. sq. ft. sq. ft.	I OT 1 2 AND TPACT A WAPPEN			DRAINAGE PLAN	
	-	PRELIN NOT FOR COL	NSTRUC	TION	DATE: 1/5/2016	<b>SCALE (H):</b> 1"=20'	SCALE (V): N/A	DESIGNED BY: MO	CHECKED BY: MO
	100 year storm	APPROVED:	EWATER UTILITY R UTILITY ECREATION	DATE DATE DATE DATE DATE DATE	PRO	DJ. NC	D. 12 <sup>-</sup> <b>4</b>	19-04	8-00