

5:30 p.m. Call to Order Approval of Agenda Approval of Minutes

#### **Conditional Use Permit/Business License**

1. **Grandma's Playhouse**- discussion and consideration of a conditional use permit and business license for an artisan shop located at 4360 Hollow Rd. (Applicant: Judy Ann Jones)

#### **Public Hearing**

 A public hearing to receive comment concerning a preliminary plat for The Cottonwoods at Hollow Rd, a 17-lot conservation residential subdivision located at approximately 4030 Hollow Road (Applicant: Jim Johnson)

#### **Preliminary Plat**

3. Discussion and consideration of a preliminary plat for The Cottonwoods at Hollow Rd, a 17-lot conservation residential subdivision located at approximately 4030 Hollow Road (Applicant: Jim Johnson)

#### **Final Plat**

4. Discussion and consideration of a final plat for Phase 8 of Zollinger Acres, a 7-lot phase of a residential subdivision located at approximately 3260 South 1350 West (Applicant: MV Properties, LLC)

#### **Ordinance Revision**

5. Discussion and consideration of an update to the Nibley City conservation residential subdivision ordinance.

#### 6. Staff Report

Planning Commission agenda items may be tabled if: 1) Additional information is needed in order to take action on the item; OR 2) The Planning Commission feels there are unresolved issues that may need further attention before the Commission is ready to make a motion. <u>No agenda item will begin after 10:00 p.m. without a unanimous vote of the Commission</u>. The Commission may carry over agenda items, scheduled late in the evening and not heard, to the next regularly scheduled meeting.

IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, REASONABLE ACCOMMODATIONS FOR INDIVIDUALS WITH DISABILITIES WILL BE PROVIDED UPON REQUEST. FOR ASSISTANCE, PLEASE CALL 752-0431 A MINIMUM OF 24 HOURS BEFORE THE MEETING.



9/9/16



Hi all-

I hope you all are enjoying the first glimpses of Fall. I was driving across Wyoming this week and saw the first peeps of color changes. This is my favorite time of the year-I can't get enough of cold air, crunchy leaves and hot chocolate. Here is what we have on the agenda for this week's meeting.

#### **Conditional Use Permit/Business License**

- 1. **Grandma's Playhouse** discussion and consideration of a conditional use permit and business license for an artisan shop located at 4360 Hollow Rd. (Applicant: Judy Ann Jones)
  - Mrs. Jones is has submitted an application for a home-based artisan shop where she will make handmade craft items for sale online. She will have her grandchildren assist her.
  - Nibley City Code 10-2 defines "Artisan Shop" as:
    - A place and/or building, or portion thereof, that is used or is intended for creating works of art and/or production of handmade craft items on a small scale, and which do not require industrial machinery for production of the items. Examples of such items include paintings, sculptures, pottery, jewelry, handblown glass, small wooden items, candles, soaps, and lotions.
  - Mrs. Jones lives in the R-E zone, and Nibley City Code 10-10 allows artisan shops as a conditional use in the R-E zone.
  - Mrs. Jones is not proposing to use an accessory building for any portion of her business. She will have no client visits to her home and all items will be shipped via USPS.
  - Staff recommendation is that Mrs. Jones be approved for a conditional use permit and business license for Grandma's Playhouse, as it meets the definition of an artisan shop and is an allowed use of the property.

#### **Public Hearing/Preliminary Plat**

- A public hearing to receive comment concerning a preliminary plat for The Cottonwoods at Hollow Rd, a 17-lot conservation residential subdivision located at approximately 4030 Hollow Road (Applicant: Jim Johnson)
- 3. Discussion and consideration of a preliminary plat for The Cottonwoods at Hollow Rd, a 17-lot conservation residential subdivision located at approximately 4030 Hollow Road (Applicant: Jim Johnson)
  - Mr. Johnson has submitted a preliminary plat for the subdivision which was discussed at our previous meeting. He is proposing a 17-lot conservation residential subdivision located at approximately 4030 Hollow Rd. The property is a mixture of the R-1 and R-1A zones. The property will be developed in a single phase.
    - City Code 10-18-4 states that in existing R-1 zones, the base density is calculated as if the property were R-1A zones. Thus, despite there being a blend of the R-1 and R-1A zones, City code dictates that this property all be developed as if it were an R-1A zone.
      - "Applicants in existing R-1 zones may also choose to apply for a subdivision approval using the conservation residential subdivision. By so doing, the density from which all calculations shall be made shall be equal to 0.75 acre lots or the same density as the R-1A zone."

#### • Open Space/Density Calculations

Project Size:	10.8 acres	Original Lot Yield:	13 lots
ROW acreage:	1.08 acres	Developable Property:	9.72 acres
Open Space:	3.4 acres	Percentage of Open Space:	35%
Density Bonus	: 41.67%	Lot Yield:	17 lots
Avg. Lot Size:	16,200 sq ft	Req. Avg. Lot Size:	14,157 sq ft
Req. Frontage:	95'- all lots n	neet or exceed the required fr	ontage.

#### • Irrigation Canal

There is a ditch on the property that will be relocated. Mr. Johnson has provided those drawings to the Nibley Blacksmith Fork Irrigation Company, who has acknowledged receipt of the drawings. The drawings were received on August 29-30, so the developer has until September 28 to contact the City with any questions or concerns. The infrastructure details of the ditch relocation will be addressed as part of the construction drawings which will be submitted as part of the final plat.

#### Right-of-Way Width

You will notice that the r-o-w is shown as 34', with 29' of asphalt and 2.5' stormwater swale on each side. This is not the typical road cross-section. A standard 60' r-o-w, typical of neighborhood roads, will have 29' of asphalt, but on each side of the asphalt, there will be 5' sidewalk, 7' park strip, 2.5' curb/gutter and 1' in between the sidewalk and the home.

This alternative cross-section is being proposed in order to match the cross-section of Hollow Road. Having stormwater handled by swales rather than a larger pond, is a low-impact development technique, which is encouraged by Federal and State stormwater regulations. Additionally, not requiring curb/gutter/sidewalk allows this subdivision to maintain a more rural feel and blend in with the surrounding roads.

City Code 11-5-5(D)(2) allows the requirements for curb/gutter/sidewalk to be waived in rural estates and the agricultural zones, if those requirements would detract from the rural setting of the subdivision. Because this property is immediately adjacent to the rural estate zones, and because the whole of Hollow Road is commonly accepted as a rural setting, I believe the requirement should be waived on this property.

#### • 250 East

The Transportation Master Plan shows that a connection should be made off of Hollow Road into the area of 250 East. The current Road Master Plan map has that connection coming directly from the current end of 250 East down through Hollow Road, as shown below.



In this configuration, Mr. Johnson would be required to construct and dedicate a portion of 250 East. As I have looked over the plans for this project, there are several problems with having this connection of 250 East and Hollow Road. These problems, as I see them are:

- This runs directly through a FEMA Flood Zone A. To construct a road through this property would require significant costs and mitigation work with the Army Corps of Engineers, and it is not guaranteed that they would issue the necessary permits to construct the road through there.
- There are at least two homes/parcels that the City would need to purchase, if we were to require this configuration of connecting the two neighborhoods.

• This configuration will make a direct connection down 250 East and will lead to increased speeds in the area, detracting from the rural feel of the neighborhood.

For these reasons above, staff's position is that this configuration will create an unnecessary financial burden on the City, as construction of much of this road would come at taxpayer's expense. Additionally, the potential safety burden on the residents of Brookfield Meadows and this portion of Hollow Road requires the City to have a closer look at an alternative configuration for connecting these two neighborhoods.

I believe the intent in placing this on the Master Road Plan was to provide a connection off of Hollow Road to the Brookfield Meadows subdivision. Mr. Johnson's proposal lays out a connection between the neighborhoods which will offset the safety concern, will take the development of the road out of any floodplain or sensitive lands, and removes the need for the City to purchase any property to complete the road. The intent is still accomplished, thus an amendment to the master road plan is necessary to allow this alternate connection.

#### • Staff Recommendation

I believe that this project should be given a favorable recommendation to the City Council. This project accomplishes the goals the City had in mind when it opted to adopt a conservation residential subdivision ordinance. The traffic concerns have been addressed by the commissioned traffic study. The density, open space and lot size requirements are in compliance with the regulations outlined in our ordinance. The maintenance plan outlines how the conservancy lots will be maintained and gives the details required.

#### **Final Plat**

- Discussion and consideration of a final plat for Phase 8 of Zollinger Acres, a 7-lot phase of a residential subdivision located at approximately 3260 South 1350 West (Applicant: MV Properties, LLC)
  - MV Properties has submitted a final plat for the final phase of the Zollinger Acres subdivision.
  - This phase is located at 3260 South 1350 West. It will be a cul-de-sac that runs to the West of where a road currently is stubbed in. There is also one additional lot on 1350 West that will be included as part of this phase.
  - The property is located in the R-2A subdivision, which requires a minimum lot size of 12,000 and a lot size average of 14,000 square feet. All 7 lots in this phase are above 12,000 square feet.
    - Lot size average: 16,400
  - All water shares for the entire subdivision have been turned over to the City with previous phases.

- There are no outstanding infrastructure improvements from previous phases that would prohibit construction of this phase. Stormwater needs will be handled by detention ponds within the subdivision.
- The only outstanding issue with the plat is that there are no building setbacks on the plat, but I don't think that should hold up the Commission making a recommendation on this plat. Those will just need to be included prior to the plat appearing before the City Council.
- This plat is in line with the preliminary plat, and meets the lot size and frontage requirements outlined in City ordinance. I recommend it be forwarded on to the City Council with a favorable recommendation for their approval.

#### **Ordinance Revision**

- 5. Discussion and consideration of an update to the Nibley City conservation residential subdivision ordinance.
  - When this matter was brought before the Commission at the 8/10 meeting, the Commission expressed a desire to have residential design standards in place on smaller lots, in order to ensure the quality of housing was not adversely impacted by the size of the lot. South Salt Lake City has residential design guidelines that I have modified in a few spots and which I think are a good starting point for discussion. I have incorporated those guidelines into the document.
  - A couple of other items to address:
    - Waiver- Mayor Dustin would like to see the waiver provision in 10-18-7 stricken in its entirety. The original intent of the provision was to create the possibility where innovative ideas and concepts that weren't already included in the ordinance could be used. Also, some of the numbers in the development standards could only be met if a very specific set of circumstances lined up, which it doesn't always. I believe that, with the revisions the Commission has made, both to the development standards chart and to other provisions of the ordinance, the waiver provision can be stricken.
    - Frontage/Setbacks on Small Lots- I will have some sketches to go over (I have included them with the meeting materials), but as I've gone through the development standards, I am worried about the effect that the combination of frontage and setback requirements will have on small lots.
      - On a 6,000 sq ft lot, with an 80' frontage, there is only 75' depth on the lot. If you factor in the setbacks outlined in our current conservation subdivision ordinance of 30' front, 25' back, 10' side, you are left with a 60'x20' buildable area on the lot. It is not possible to get a quality home on a lot that is only 20' deep.

 The sketches I have will show the buildable area on a lot if we make adjustments to the setback requirements. Alternatively, we could adjust the frontage (which I have done in the ordinance draft so that we could discuss the point) so that there is more depth to the lot. It seems that mid-sized homes run from 35'-45' deep.

#### 6. Staff Report

 As a staff report item, I would like to have a discussion about our home occupation definition. Over the past few weeks, I have had multiple requests from residents to have immediately family members who do not live in the home be able to work as part of the home occupation. I would like to have the Commission discuss where they would stand on a potential amendment to the definition of a home occupation that would allow immediate family members to participate in the home occupation.

See you all on Wednesday. Have a great weekend.

Cheers-

ger hippen

Shari Phippen City Planner

	Sept 14, 2016
	APPLICATION FOR CONDITIONAL USE PERMIT/BUSINESS LICENSE
NIBLEY SETTLED TRAS	Office Use Only         Date Received       8       22       16         Fee Paid       \$       2.5.00       9         Rec'd By       16       16       16
Name Judy ann Jone = Address 4360 Hollow I Phone Email_	Fax
	ess on this application must live at the address stated above. Nibley ess licenses to persons who do not live at the address where the
Please describe the reason you are requesting	a conditional use permit/business license:
Home Office X Sales X Other (please describe):	_ Manufacturing Day Care
Proposed business name: <u>Grandma</u>	's Playhouse
Description of business: <u>Making</u> it I have been accepted	ems to sell on the internet

their site Describe how the proposed business activity will or will not affect the residential neighborhood surrounding the business location: it will not affect the neighborhood

Do you plan to employ persons not living at this address as part of the business? (V) N Will those employees be working in your home or at another location? Please describe: grandchildrenWill help me cut out, sew, crocett items Do you plan to conduct any of the business in an accessory building at this address? Y (N)

How many clients will visit this location weekly? <u>71079</u>

Describe how you will provide parking for client visits (if applicable):

Will you have business vehicles which will require parking accommodations? Y 🕥

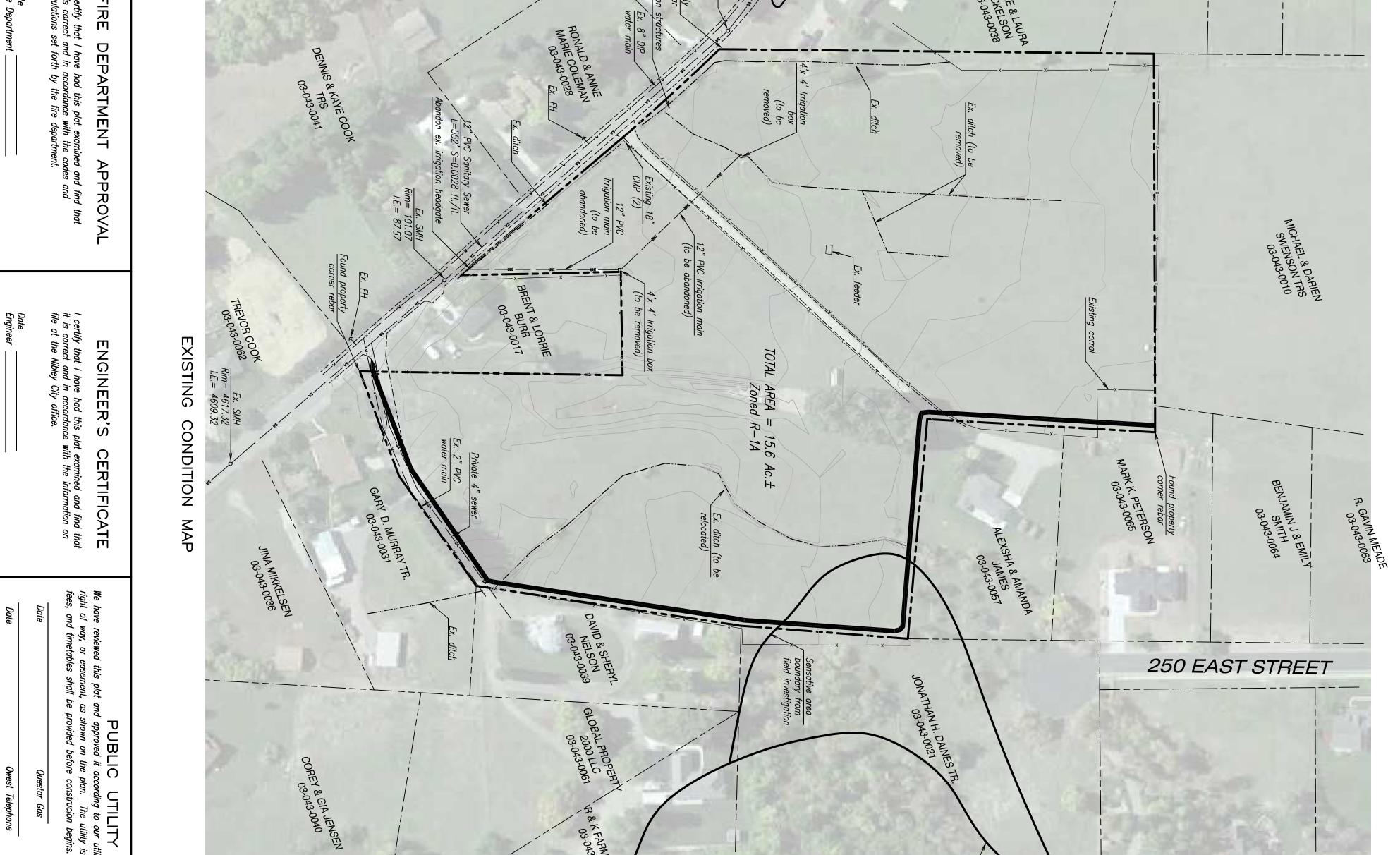
If so, please describe the vehicles and parking plans:\_\_\_\_\_

How many business shipments do you anticipate sending and receiving from this location each month and how will these deliveries be shipped by the POSTOTATCE

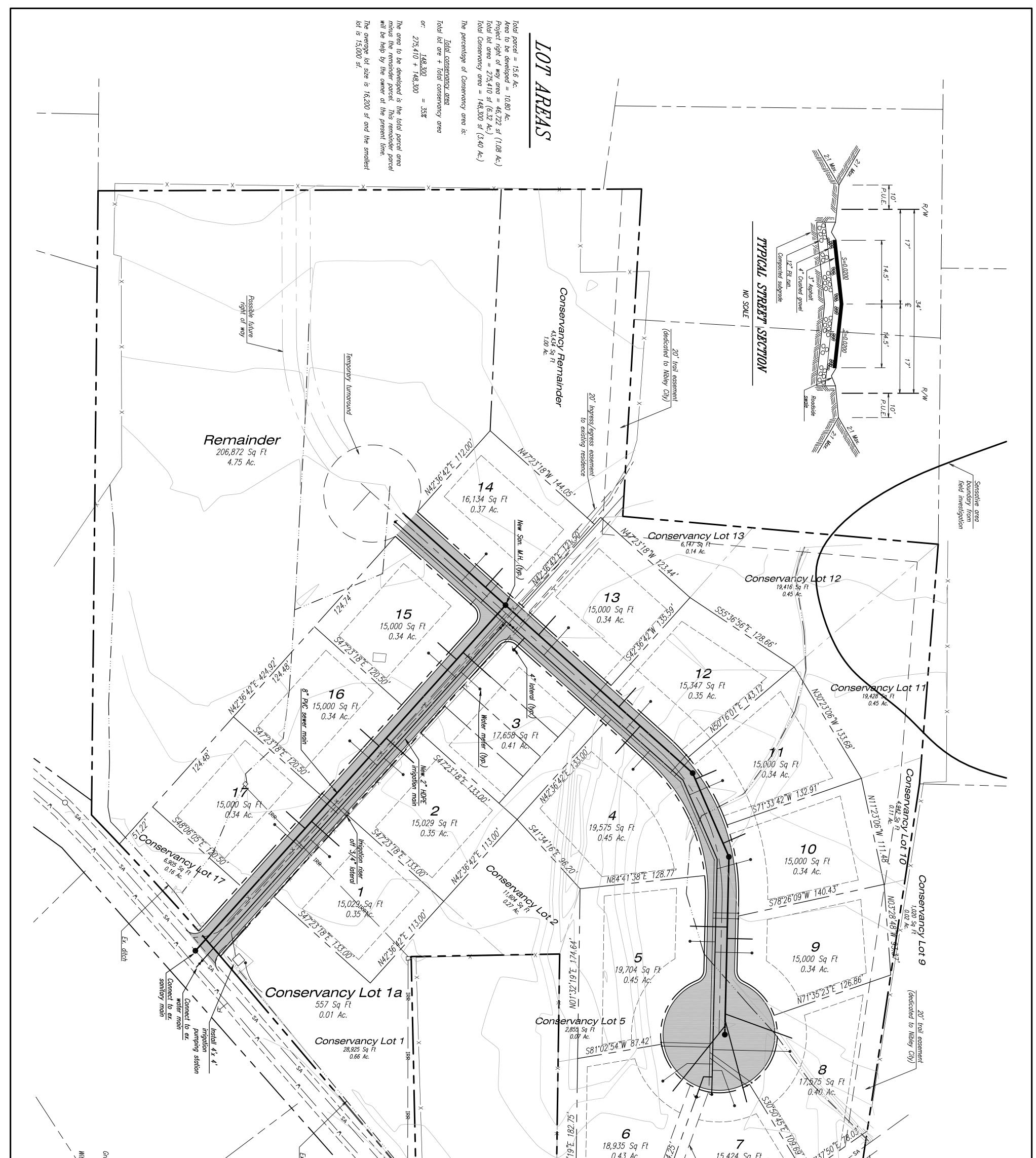
Will you be able to provide adequate indoor storage for these deliveries? (Y) N

If applicable, describe any signs at this address which will advertise the business: <u>MONE</u>

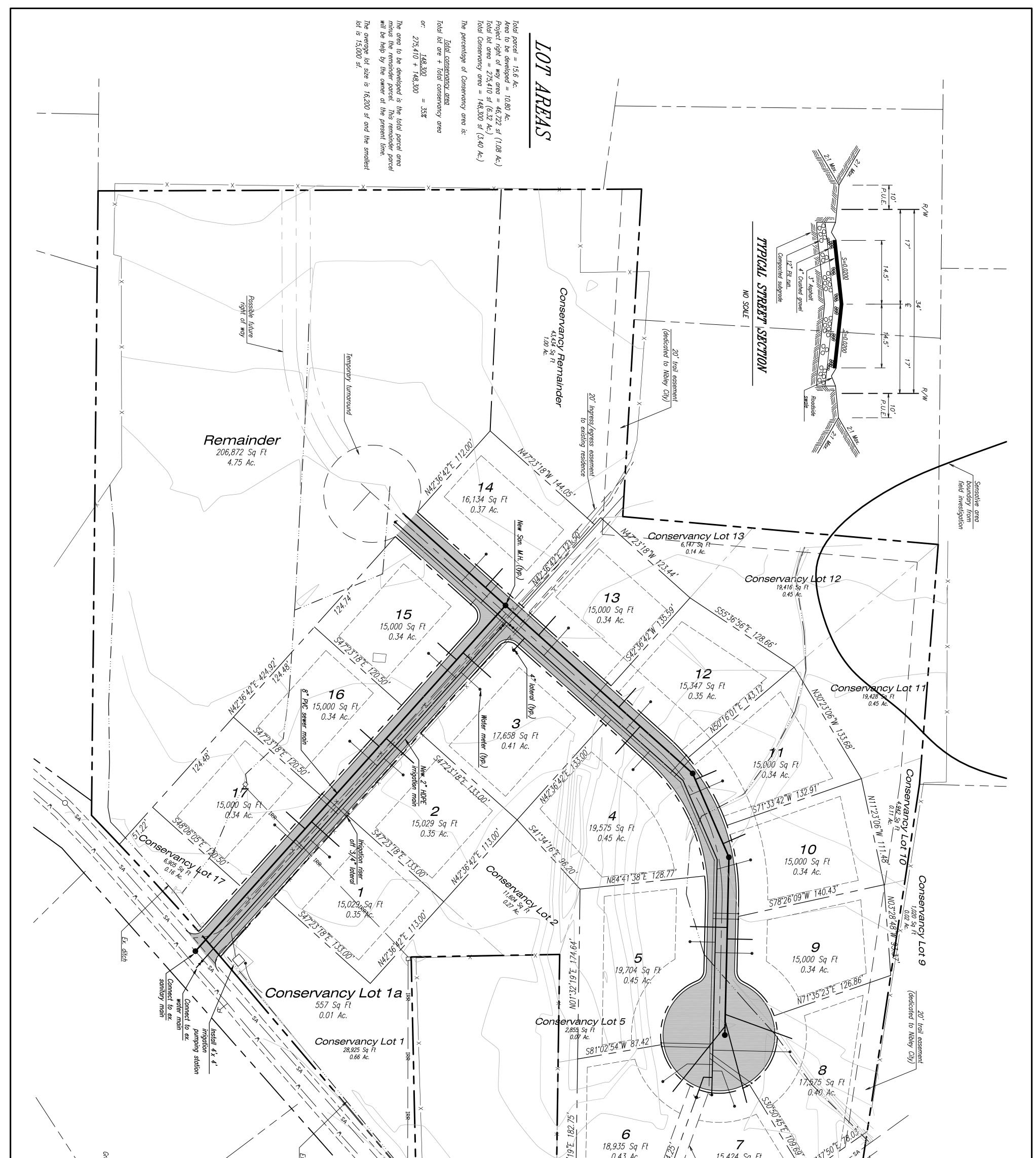
CITY COUNCIL APPROVAL Approved this theday of, 2016 by theCity Council. Mayor	<b>OWNER'S AFFIDAVIT</b> Know all men by these presents that we, the undersigned, are registered representatives of the owner of the property. Authorization of this action has been given expressly by New Directions I Inc. FBO James E. Johnson Jr. Under this designation of representation, we submit the certifica of clear title on the land shown on this plat. In witness we have hereunto set our signature this the day of, 2016.		PROPOSED     EXISTING       SANITARY SEWER MANHOLE     •     •       SANITARY CLEANOUT     •     •       SANITARY CLEANOUT     •     •       SANITARY SEWER     •     •       STORM MANHOLE     •     •       STORM SEWER     •     •       IRRIGATION INLET     •     •       IRRIGATION INLET     •     •       MATERMAIN & VALVE     •     •       WATER METER & SERVICE     •     •       WATER INFE BIOWOFF     •     •	SCALE : 1"	PRELIMINARY PLAT FOR THE COTTONWOODS AT HOLLOW ROAD SUBDIVISIO NIBLEY CITY, CACHE COUNTY, UTAH A PART OF THE SOUTHWEST QUARTER OF SECTION 27, TOWNSHIP 11 N., RANGE 1 SALT LAKE BASE AND MERIDIAN AUGUST 2016
PLANNING COMMISSION APPROVAL  Approved this theday of, 2016 by the Planning Commission.  Chairman		α τα τη			E 1 E. BALANSON E. BALANSON BA
F it is regu Date Fire	Server Carl		5x. SMH 95.87 86.13 In property irrigation	THAYNE 03-	



Date Utah Power Date Comcast	ACKNOWLEDGEMENT Itility. The utility agrees to place specific utilities underground, is willing to provide needed service for the development. An 15.				A3-0060	Backsnith Fork river	Federally mapped wetland
	rd, within the Any restrictions,	Turmer Engineeng civil engineering 307 hammond lane (435) 69	PREL <i>THE C</i> AT H NIBLEY,	NEW DIREC FBO JAMES 202-	OWNER HAROLD M. & D 3950 S.		Included is the legal descrip Currently, JSH Surveying is a parcel as a condition of the submitted to Nibley City for BEG N 39*46'30" W 621.6 F 4.64 CHS N & 20 CHS E 0. N 69*55' E 158.5 FT TH N BR (N 11*21'11" E 396.03 . CENTER SD SEC TH N 89*09 R/W TH S 9*23' W 5.95 CH BANK OF DITCH TH S 0*22' SE'LY ALG ROAD TO BEG LES FT E OF SW COR SD SEC 2. S 88*39'30" W 150 FT TH S E 200 FT ALG CO ROAD TO AT PT 166.22 FT N 0*52'40 N LN OF THE HOLLOW ROAD FT N OF SE COR SEC 2.8 SI FT ALG HWY TH S 53*58'40' 7*34'39" WEST 407.69 FT & S . 7*34'39" WEST 407.69 FT & S . SEC 27 T 11N R 1E & TH N 4*18'44" E 332.48 FT TH W S 89*09' E 255.42 FT TH S M/B NET 16.77 AC M/L SUB WHICH BEGINS AT SW COR O EXISTING LANE TO N LN OF
Scale D.T. Designed by D.T. Drawn By	August 2, 2016 Date 1" = 80'	PROVID 95-8245	RELIMINARY PLAT <b>COTTONWOODS</b> T HOLLOW ROAD	CTIONS IRA, E. JOHNSO 494-6894	MAII MAII	VITY MAP	<b>DESCRIPTION</b> <i>inplicing as recorded in the County office.</i> <i>is completing a boundary survey will be</i> <i>the sale.</i> This new survey will be <i>or review when completed and certified.</i> <i>OF SW COR SEC 27 T 11N R 1E &amp; TH</i> <i>N 55*17' E 208.4 FT TH NE'LY 390 FT</i> <i>10 PT 15.07 CHS N 10' W FROM</i> <i>PT 1 N 89*09' W 8.06 CHS TO E</i> <i>2'59' W TO N LN 0F HOLLOW ROAD TH</i> <i>LESS 0017: BEG 759.41 FT N &amp; 934.04</i> <i>'27 &amp; TH N 2*17'30'' E 390.19 FT TH</i> <i>Y S 1*20'30'' E 240 FT TN &amp; 40*02'30''</i> <i>TO BEG ALSO: BEG IN E LN ST HWY 165.29</i> <i>'40'' E OF THE INTERSEC OF SD HWY &amp;</i> <i>AD WHICH PT IS 212.86 FT W &amp; 1948.9</i> <i>SD T &amp; R &amp; TH S 0*52'40'' W 166.22</i> <i>'40'' E ALG HOLLOW ROAD TO PT S</i> <i>S 89*29' E 280 FT FROM BEG TH N</i> <i>TH N 89*29' W 280 FT TO BEG LESS</i> <i>&amp; 517/113 CONT 21.16 AC M/L ILESS</i> <i>G 294.42 FT N OF CENTER OF SW/4</i> <i>H N 84*39'27'' W 322.21 FT TH N</i> <i>W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N W 23.61 FT TH N 9*23' E 392.7 FT TH</i> <i>N F AUD A 25 FT R/W THE SE LN OF</i> <i>S F TO BEG CONT 5.00 AC</i> <i>S F TO SD TRACT &amp; RUNS SW'LY ALG</i> <i>D F HOLLOW ROAD, NIBLEY</i> <i>D F HOLLOW ROAD, NIBLEY</i> <i>S F TO SD TRACT &amp; RUNS SW'LY ALG</i> <i>S F TO LOW F CONT SUCH ALG</i> <i>S F TO SD TRACT &amp; RUNS SW'LY ALG</i> <i>S F TO SD TRACT &amp; RUNS SW'LY ALG</i> <i>S F TO SD TRACT &amp; RUND SW'L</i>
Sheet 1 of 3	Job Number <b>16–006</b>	PLANNING ENCE, UTAH	<i>ЪS</i> UTAH	NUC. N JR.	PER TERSEN		nty office. be certified. N-S N-S N-S N-S N-S N-S N-S N-S



VELOPMENT OPTION Within Section 10–18, op MENSIONAL STANDARD In reference to Section 1 ming R-1A, a 35% open % open space. From the % riminimum average lot si plan designates will be 10- 2 4-unit structure on on vare foot lot. See Section 10–18–10- 10–18–10- 10–18–10- See Section 10–18–10- 2 4-unit structure on on vare foot lot. See Submitted as a site * x incentive multiplier = x 1.4167 = x Lot 3 would be improved ve, Lot 3 would be improved.	ENCINEER NOTES	0.43 Ac. 0.43 Ac. 0.44 String 0.44 St		
Turner Design Engineering, Inc.	PROFESSION4	PROPOSED CONDITIONS	Revisions	August 2016         Job Number           Date         16-006
CIVIL ENGINEERING & LAND PLANNING	No. 318871	THE COTTONWOODS		<u>1" = 50'</u> <u>Scale</u> <u>D.T.</u> <u>Sheet</u>
307 HAMMOND LANE PROVIDENCE, UT. 84332 (435) 695-8245	SATE OF UTA			Designed by D.T. 2 of 3
	Constant of the second of the	NIBLEY. UTAH		Drawn By



<u>VELOPMENT OPTION</u> Within Section 10–18, option 4–c h <u>MENSIONAL STANDARD</u> In reference to Section 10–18–10–, nimum lot size will be space percer imum lot size will be 13,000 squar 0 feet. <u>ENSTITE CALC</u> <u>ENSTITE CALC</u> <u>ENSTITE allowable lot</u> x incentive multiplier = allowable lot 1.4167 = 18.4 or 18	ENCINEER NOTES STATUS SUBDIVISION CRITERIA 1. Subdivision is designed based on the Nibley Municipal Code Section 10–18. titled "Conservation Residential Subdivision".	0.43 Ac. 0.43 Ac. 0.67 Servancy Lot & Conservancy Little action of the serven of the serve	Job Number
Turner Design Engineering, Inc.	PROFESSION A	PROPOSED CONDITIONS	 August 2016 Date 16-006
CIVIL ENGINEERING & LAND PLANNING	No. 318871 DAN B TURNER	THE COTTONWOODS	 
307 HAMMOND LANE PROVIDENCE, UT. 84332	DAIN D TURINER		 Designed by
(435) 695-8245	COF UNIT	NIBLEY. UTAH	Drawn By 2 of 3



### **Conservancy Lot Maintenance Plan**

For

## The Cottonwoods at Hollow Road

**The Cottonwoods at Hollow Road** is a residential subdivision consisting of 10.80 acres of land in Nibley City, Utah. The property is zoned R 1-A and has been subdivided as a **Conservation Residential Subdivision** according to **Nibley City Municipal Code 10-18**, into 17 building lots and 12 conservancy lots. (See associated plat.)

As each building lot within the subdivision is conveyed to purchasers, adjacent conservancy lots, if applicable, shall also be conveyed to purchasers. Conservancy lot ownership shall be held in perpetuity with a restriction on the recorded plat preventing further development and providing a conservation easement to Nibley City as required by **Nibley City Municipal Code 10-18-12.** 

As shown on the associated plat, lots and conservancy lots have the same lot number. Conservancy lot acceptance and conveyance will be a requirement for all lot purchases with adjacent conservancy lots.

The purpose of this maintenance plan is to outline specifically the ownership and responsibility for maintaining the conservancy lots as well as, Nibley City's corrective action authority, should the lots not be maintained according to this plan. The plan is in accordance with **Nibley City Municipal Code 10-18-17.** 

Maintenance of all conservancy lots within **The Cottonwoods at Hollow Road** subdivision shall be as follows:

- A. <u>Costs:</u> All costs and responsibility of maintaining conservancy lots shall be borne by the owner of the individual conservancy lots.
- B. Ownership and Responsibilities:
  - a. <u>Ownership</u>: Individual conservancy lots shall be privately owned by adjacent property owners.

#### b. Improvement and Maintenance Responsibilities:

- Individual conservancy lot owners shall <u>continually</u> maintain conservancy lots in accordance with permitted uses outlined in Nibley Municipal code 10-18-13.
   Secondary water will be provided for all conservancy lots.
- ii. Additionally, owners of conservancy lots 1 and 17 shall continually maintain landscaping improvements installed be the developer and associated with their lots as outlined in The Cottonwoods at Hollow Road landscaping plan. Upon conveyance, said improvement shall be owned and become the responsibility of the conservancy lot owners.
- iii. The Cottonwoods at Hollow Road Home Owners Association (CHR HOA) will be responsible for continually maintaining conservancy lot 1A, the secondary water pumping facility and the neighborhood sign located on conservancy lot 1A.
- iv. Individual conservancy lot owners shall be responsible for maintaining adequate property and liability insurance and shall not hold Nibley City liable for any loss or accident occurring on their conservancy lot.
- v. Individual conservancy lot owners shall provide and pay for all labor and material necessary to improve, repair and maintain their individual conservancy lot in accordance with permitted uses outlined in Nibley Municipal code 10-18-13.
- vi. In the event an individual conservancy lot owner elects to improve the conservancy lot, in accordance with permitted uses outlined in Nibley Municipal code 10-18-13, improvements shall be completed within 60 days of commencement, be implemented according to Nibley City permitting requirements, and be maintained on a <u>continual</u> basis.
- C. Maintenance Plan Recorded Against the Conservancy Lots
  - a. This Conservancy Lot Maintenance Plan shall be recorded against the individual conservancy lots.
- D. Failure to Maintain
  - a. In the event a conservancy lot owner, successor or assigned fails to maintain all or any portion of the conservancy lot, in reasonable order and condition, Nibley City may assume responsibility, as a right but not an obligation, for maintenance, in which case any escrow funds may be forfeited and any permits may be revoked or suspended.

#### E. Corrective Action

- a. If a conservancy lot owner fails to maintain a conservancy lot, Nibley City, based on its' judgement and discretion, may enter the premises and take corrective action, including extended maintenance. The cost of such corrective action may be charged to the conservancy lot owner and may include administrative costs and penalties. Such costs shall become a lien on the conservancy lot. Notice of such lien shall be filed by the city in the county recorder's office.
- F. Implementation and Interim Maintenance
  - a. New Direction IRA, Inc, FBO James Eldred Johnson Jr., the land developer, shall fund implementation and maintenance of all conservancy lots until such time as individual conservancy lots are conveyed to individual property owners.

## The Cottonwoods at Hollow Road

## **Traffic Impact Study**

Prepared for: Jim Johnson

August 5, 2016

UT16-2028



2180 South 1300 East, Suite 220 Salt Lake City, Utah 84106

# Fehr Peers

## MEMORANDUM

Date:August 5, 2016To:Jim JohnsonFrom:Fehr & PeersSubject:The Cottonwoods at Hollow Road Traffic Impact Study

UT16-2028

#### **EXECUTIVE SUMMARY**

Fehr & Peers performed a traffic study to analyze existing and existing plus project conditions at SR-165 / Hollow Rd and Subdivision Rd / Hollow Rd for The Cottonwoods at Hollow Road development. The purpose of this memorandum is to provide a summary of the findings of the existing and existing plus project conditions. Existing plus project conditions were based on the assumption of a 17 single home subdivision accessing from Subdivision Rd / Hollow Rd.

Traffic counts at the study intersections were collected to establish a baseline of existing and existing plus project conditions and operations for the area. Using Synchro software and the HCM 2010 delay thresholds the existing and existing plus project AM and PM peak hour LOS were computed for each study intersection.

For the existing conditions, the two intersections operate at Level of Service (LOS) B or better conditions in the AM peak hour. In the PM peak hour, the two intersection operate at a LOS C or better. Both AM and PM peak hours operate under acceptable conditions.

Similar to the existing conditions, the study intersections operate at LOS B or better during the AM peak hour. In the PM peak hour, the two intersections operate at a LOS C or better. The LOS C for the eastbound left-turn at SR-165 / Hollow Rd does not impact the operations of the intersection after adding the generated project trips. The added trips would only impact the westbound approach at SR-165 / Hollow Rd, which the analysis shows that it is under acceptable conditions and still has capacity to absorb additional traffic.

The analysis has shown that traffic generated by the proposed The Cottonwoods at Hollow Road development will have negligible impact to the traffic operations at the two study intersections. The traffic added by the development adds one second or less average delay to the worst movement at SR-165 / Hollow Rd. Both SR-165 and Hollow Road have the capacity to absorb additional traffic without deteriorating the traffic flow on those respective roadways. Neither Hollow Road nor SR-165 roadways are on the State or Federal High Priority Transportation Corridor list. No improvements to the existing roadways are needed to accommodate the traffic from The Cottonwoods at Hollow Road development.

#### INTRODUCTION

This memorandum summarizes existing traffic conditions and existing plus project traffic conditions based on the proposed 17 single family home project on Hollow Road approximately <sup>1</sup>/<sub>4</sub> mile from SR-165 in Nibley, Utah. The purpose of these analyses is to identify the transportation impacts and needs associated with the proposed development. See **Figure 1** for a project location map.

The analysis presented within this document is based on traditional traffic engineering principles. Synchro software was used to analyze both existing and existing plus project conditions. Existing plus project volumes were obtain by adding Trip Generation trips to the existing counts.

#### STUDY AREA

This study analyzes the traffic operations at the following study intersections:

- SR-165 / Hollow Rd
- Subdivision Rd / Hollow Rd

#### DATA COLLECTION

Traffic counts at the study intersections were collected and provided to Fehr & Peers to establish a baseline of existing conditions and operations for the area. At the study intersections, traffic counts were recorded from 7:00 AM to 9:00 AM and from 4:00 PM to 6:00 PM on Tuesday, August 2, 2016 to capture vehicular activity for the AM and PM peak periods. Detailed traffic counts at each intersection are presented in the Appendix.



FIGURE 1



STUDY AREA



Level of Service (LOS) is a term that describes the operating performance of an intersection or roadway. LOS is measured quantitatively and reported on a scale from A to F, with A representing the best performance and F the worst. Table 1 provides a brief description of each LOS letter designation and an accompanying average delay per vehicle for unsignalized intersections. The Highway Capacity Manual 2010 (HCM 2010) methodology was used in this study to remain consistent with "state-of-the-practice" professional standards.

LOS	Description	Signalized Intersections	Unsignalized Intersections
		Avg. Delay (sec/veh) <sup>1</sup>	Avg. Delay (sec/veh) <sup>2</sup>
A	<i>Free Flow / Insignificant Delay</i> Extremely favorable progression. Individual users are virtually unaffected by others in the traffic stream.	< 10.0	< 10.0
В	Stable Operations / Minimum Delays Good progression. The presence of other users in the traffic stream becomes noticeable.	> 10.0 to 20.0	> 10.0 to 15.0
С	Stable Operations / Acceptable Delays Fair progression. The operation of individual users is affected by interactions with others in the traffic stream	> 20.0 to 35.0	> 15.0 to 25.0
D	Approaching Unstable Flows / Tolerable Delays Marginal progression. Operating conditions are noticeably more constrained.	> 35.0 to 55.0	> 25.0 to 35.0
E	<i>Unstable Operations / Significant Delays Can Occur</i> Poor progression. Operating conditions are at or near capacity.	> 55.0 to 80.0	> 35.0 to 50.0
F	<i>Forced, Unpredictable Flows / Excessive Delays</i> Unacceptable progression with forced or breakdown of operating conditions.	> 80.0	> 50.0
1. 0	Overall intersection LOS and average delay (seconds/vehicle) for all ap	proaches.	

#### **TABLE 1 LEVEL OF SERVICE DESCRIPTIONS**

2. Worst approach LOS and delay (seconds/vehicle) only.

3. Volume to capacity (v/c) rate, average values.

Source: Fehr & Peers descriptions, based on 2010 Highway Capacity Manual.

#### **EXISTING 2016 CONDITIONS**

#### **PURPOSE**

The purpose of the 2016 existing conditions analysis is to study the intersections during the peak travel periods of the day under existing traffic and geometric conditions. Through this analysis, existing traffic operational deficiencies can be identified.

#### LEVEL OF SERVICE ANALYSIS

Using Synchro software and the HCM 2010 delay thresholds introduced above, the existing AM and PM peak hour LOS were computed for each study intersection (see appendix for detailed LOS reports). The results of this analysis are reported in **Figure 2** and **Table 2**.

	Intersection	I		Wors	t Movement <sup>1</sup>	<b>Overall Intersection</b>		
ID	Location	Period	Control	Movement <sup>3</sup>	Delay (sec/veh)	LOS	Avg. Delay (sec/veh) <sup>2</sup>	LOS
1	SR-165 / Hollow Rd	AM PM	Side- Street	EBL	13.8 23.4	B C	-	-
		AM	Stop Side-	WBL	<5	A	-	-
2	· · · · · · · · · · · · · · · · · · ·	Street Stop	WBL	<5	А	-	-	

#### TABLE 2 EXISTING 2016 BACKGROUND CONDITIONS PEAK HOUR LEVEL OF SERVICE

1. This represents the worst movement LOS and delay (seconds/vehicle) and is only reported for unsignalized intersections.

2. This represents the overall intersection LOS and delay (seconds/vehicle).

3. NB=Northbound, SB=Southbound, EB=Eastbound, WB=Westbound, LT=Left-turn, RT=Right-turn, and TH=Through Source: Fehr & Peers.

As shown in **Table 2**, the two intersections operate at LOS B or better conditions the AM peak hour. In the PM peak hour, the two intersection operate at a LOS C or better. The EBL approach operates at a LOS C because of the higher volume travelling along SR-165 that limits the available gaps for the left-turning vehicles to make their movement, though the EBL approach represents less than 1% (two total vehicles) of the overall volume at the intersection. Both AM and PM peak hours operate under acceptable conditions.



P

FIGURE 2

EXISTING CONDITIONS

#### **EXISTING PLUS PROJECT CONDITIONS**

#### PURPOSE

The purpose of existing plus project analysis is to study the intersections during the peak travel periods of the day under forecasted traffic conditions. Through this analysis, future traffic operational deficiencies can be identified.

#### TRAFFIC VOLUMES / TRIP GENERATION

Trip generation models provide estimates of the number of trips produced by or attracted to a given land use or activity as a function of the demographic, socioeconomic, locational, and land use characteristics of the zone. This analysis was based on the most common trip generation method used in the industry, which is the Institute of Transportation Engineer's (ITE) 2012 Trip Generation Manual. **Figure 3** and **Table 3** show the trips generated by the 17 single-family home development.

Land Use	Number of Units	Unit Type	Daily Trip Generation	% Entering	% Exiting	Trips Entering	Trips Exiting	New Daily Trips
Single-Family Detached (210)	17	Dwelling Units	206	50%	50%	103	103	206
Weekday Trips						103	103	206
Land Use	Number of Units	Unit Type	Daily Trip Generation	% Entering	% Exiting	Trips Entering	Trips Exiting	New AM Peak Trips
Single-Family Detached (210)	17	Dwelling Units	22	25%	75%	5	16	21
AM Peak Trips						5	16	21
Land Use	Number of Units	Unit Type	Daily Trip Generation	% Entering	% Exiting	Trips Entering	Trips Exiting	New PM Peak Trips
Single-Family Detached (210)	17	Dwelling Units	21	63%	37%	13	8	21
PM Peak Trips						13	8	21

#### TABLE 3 PROJECT TRIP GENERATION

\*The ITE Generation Manual (2012) was used to produce the trips. Source: Fehr & Peers 2016.

## FEHR & PEERS

7 of 11

UT16-2028



FIGURE 3



PROJECT TRIPS



#### LEVEL OF SERVICE ANALYSIS

Using Synchro software and the HCM 2010 delay thresholds introduced above, the existing plus project AM and PM peak hour LOS were computed for each study intersection (see appendix for detailed LOS reports). The results of this analysis are reported in **Figure 4** and **Table 4**.

	Intersection	I		Wors	t Movement <sup>1</sup>	<b>Overall Intersection</b>		
ID	Location	Period	Control	Movement <sup>3</sup>	Delay (sec/veh)	LOS	Avg. Delay (sec/veh) <sup>2</sup>	LOS
1	SR-165 / Hollow Rd	AM	Side- Street	EBL	14.1	В	-	-
-	1 3K-1037 Hollow Ku	PM	Stop	EBL	24.4	С	-	-
2	Subdivision Rd / Hollow	AM	Side-	WBL	8.7	А	-	-
2	Rd /	d / Street PM Stop		WBL	8.6	А	-	-

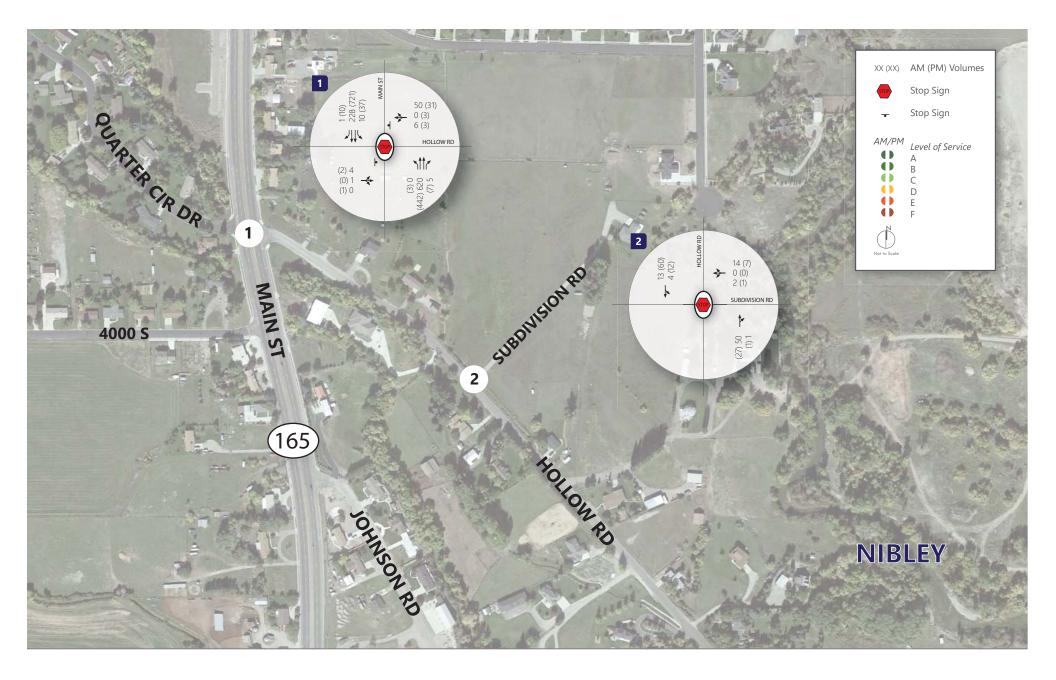
#### TABLE 4 EXISTING PLUS PROJECT CONDITIONS PEAK HOUR LEVEL OF SERVICE

4. This represents the worst movement LOS and delay (seconds/vehicle) and is only reported for unsignalized intersections.

5. This represents the overall intersection LOS and delay (seconds/vehicle).

6. NB=Northbound, SB=Southbound, EB=Eastbound, WB=Westbound, LT=Left-turn, RT=Right-turn, and TH=Through Source: Fehr & Peers.

As shown in **Table 4**, similarly to the existing conditions, the study intersections operate at LOS B or better during the AM peak hour. In the PM peak hour, the two intersections operate at a worse LOS C or better. The LOS C at the EBL does not impact the operations of the intersection after adding the generated project trips. The added trips would only impact the WB approach at SR-165 / Hollow Rd, which the analysis shows that it is under acceptable conditions. The traffic added by the development adds one second or less average delay to the worst movement at SR-165 / Hollow Rd.



P

FIGURE 4

EXISTING PLUS PROJECT CONDITIONS

#### CONCLUSIONS

The analysis has shown that traffic generated by the proposed The Cottonwoods at Hollow Road development will have negligible impact to the traffic operations at the two study intersections. The traffic added by the development adds one second or less average delay to the worst movement at SR-165 / Hollow Rd. Both SR-165 and Hollow Road have the capacity to absorb additional traffic without deteriorating the traffic flow on those respective roadways. Neither Hollow Road nor SR-165 roadways are on the State or Federal High Priority Transportation Corridor list. No improvements to the existing roadways are needed to accommodate the traffic from The Cottonwoods at Hollow Road development.

The summary of LOS for all scenarios is shown in Table 5.

	Intersection		Existing	Future 2040 Background		
ID	Location	Period	LOS & Sec/Veh <sup>1</sup>	LOS & Sec/Veh <sup>1</sup>		
1	SR-165 / Hollow Rd	AM	B / 13.8	B /14.1		
-		PM	C / 23.4	C /24.4		
2	Subdivision Rd / Hollow	AM	A / <5	A / 8.7		
2	Rd	PM	A / <5	A / 8.6		

#### TABLE 5 LOS SUMMARY

1. Overall intersection LOS and average delay (seconds/vehicle) for the signalized intersections and worst movement LOS and average delay for the unsignalized intersections.

Source: Fehr & Peers, 2016

FEHR & PEERS

11 of 11

UT16-2028



	IR &		TC	Interse	ection <sup>-</sup>	Turning	Movem	ent Su	mmar	v					
Intersection: Jurisdiction: Project Title: Project No: Weather:	North/Sou East/West Cottonwoo SR-165	: Hollov	5			5		Date: Day of Month of Adjustn Growth Number	Week A of Year nent Sta Rate:	djustme Adjustn ation #:	nent:		100.0% 100.0% 100.0% 0.0%	D D	
am peak hour pe am peak 15 minut am phf:		7:30- 7:45- 0.87													
Noon Peak Hour Noon Peak 15 mii Noon PhF:		: ####	÷			SR-1	65						1		
PM PEAK HOUR PE PM PEAK 15 MINUT PM PHF:			)-18:00 )-17:15			10 721 N/A N/	37 N/A	]					N		
				1 N/A 2				_  ] •		3	N/A	1			
	_	ŀ	lollow R			Total Entern	ng Vehicle	s		38 0	N/A N/A	25 3	-		
		2 0 1	N/A N/A N/A	4 0 1			#VALUE 1251	!	<b>~</b>	4 H	N/A ollow R	2 2	_		
	_	0	► N/A	1			620	4		4 N/A					
						N/4	N/A 442	N/A 5		3				Legend	1
					I		SR-16		I					Noon PM	, ] ]
RAW COUNT SUMMARIES	N Left Th	<b>SR-165</b> orthbound nru Right	Peds	Left	Southbo Thru		s Left	Hollo Eastb Thru		Peds	Left	Hollo Westh Thru	w ka bound Right	Peds	
AM PERIOD COU Period. 7:00-7:15 7:15-7:30 7:30-7:45 7:45-8:00 8:00-8:15 8:15-8:30 8:30-8:45 9:45	A         I           0         8           1         9           0         11           0         12           0         12           0         12           0         12           0         12           0         12           0         12           0         12           0         12	B         C           19         0           18         0           67         0           85         0           72         3           16         1           20         1           56         0	<b>D</b> 1 6 1 2 1 0 0 0	<b>E</b> 2 1 1 2 3 4 2	<b>E</b> 47 50 46 62 59 61 46 64	G         H           0         0           0         1           1         1           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0	<u>I</u> 1 0 3 1 0 1 0	<b>נ</b> 0 0 0 0 0 0 0	<u>K</u> 0 0 0 1 0 0 1	L 0 1 0 1 0 0 0 0	<u>M</u> 0 1 1 2 4 0	<u>N</u> 0 1 0 0 0 0 0 0	<b>0</b> 7 4 9 7 13 13 13 9	<b>P</b> 3 1 0 2 1 0 2 2	TOTAL 146 156 224 262 245 176 189 232
8:45-9:00 NOON PERIOD C <u>Period</u> 11:00-11:15 11:15-11:30	OUNTS A 0	<b><u>B</u> <u>C</u> 0 0 0 0</b>	D 0 0	2 <u>E</u> 0 0	<u>F</u> 0 0	<u>G</u> <u>H</u> 0000	0 <u>I</u> 0 0	0 <u>2</u> 0 0	<u>K</u> 0 0	<u>L</u> 0	0 <u>M</u> 0 0	0 <u>N</u> 0 0	9 0 0	<u>P</u> 0 0	<u>TOTAL</u> 0 0
		0 0	0	0	0 0	0 0 0 0	0	0 0	0 0 0	0 0 0	0 0 0	0 0	0 0	0 0	0
11:30-11:45 11:45-12:00 12:00-12:15 12:15-12:30 12:30-12:45 12:45-13:00 PM PERIOD COU	0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0

ntersection: urisdiction: roject Title: roject No: Veather:	North/South: East/West: Cottonwood SR-165	Proposed S Hollow Rd	Subdivision Rd		Mo Adj Gra	te: y of Week A nth of Year justment St owth Rate: mber of Yea	Adjustme	t:	15, Wed 100.0% 100.0% 0.0% 0	
m peak hour pe M peak 15 minu M phf:		7:45-8:45 8:30-8:45 0.72								
oon peak hour oon peak 15 mi oon phf:		####		Proposed Sub	division Rd				<u>↑</u>	
1 PEAK HOUR PE 1 PEAK 15 MINU 1 PHF:		16:30-17 16:45-17 0.75		0 0	0 N/A				I	
			0 N/A 0				5	N/A 1		
		Hollo	w Rd	Total Enternir	ng Vehicles			N/A 0 N/A 27	-	
		60 N	(A 0 (A 13 (A 0		#VALUE! 87	F	0	N/A 0	_	
		0 N	/A 3			▶ 1	0 N/A		-	
				N/A	N/A N	/A	0		_	gend
				Propos	ed Subdivisio	on Rd				AM
RAW		ubdivision R		<b>ed Subdivision Rd</b> Southbound Thru Right Pede	E	<b>Iollow Rd</b> Eastbound hru Right	Peds I	<b>Hollo</b> Westh Left Thru	bound	eds
	Left Thru	Right Pe								
SUMMARIES PERIOD COL Period 7:00-7:15 7:15-7:30	Left         Thru           JNTS         B           0         0           0         0           0         0	<u>C I</u> 0 ( 0 (	<b><u>D</u> <u>E</u> D 0 D 0</b>	<b><u>F</u><u><u>G</u><u>H</u></u> 0 0 0 0 0 0</b>	0 2	<b><u>)</u><u>K</u> 20 20 10</b>	0 2	<u>M N</u> 0 7 0 4 0 10	0 0	3 9 1 6
Period           7:00-7:15           7:30-7:45           7:45-8:00           8:00-8:15           8:30-8:45	Left Thru INTS A 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<u>C</u> <u>I</u> 0 (0 0 (0 0 (0 0 (0 0 (0 0 (0 0 (0	D         E           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0	0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0		2 0 1 0 0 0 4 0 4 0 5 0	0 2 0 1 2 0 0	$\begin{array}{cccc} 0 & 7 \\ 0 & 4 \\ 0 & 10 \\ 0 & 11 \\ 0 & 7 \\ 0 & 15 \\ 0 & 17 \end{array}$	0 0 0 0 0 0 0	3         9           1         6           0         11           2         11           1         11           0         19           2         22
SUMMARIES Period 7:00-7:15 7:30-7:45 7:45-8:00 8:00-8:15 8:15-8:30 8:30-8:45 8:45-9:00 PERIOD C Period 11:00-11:15	Left         Thru           A         B           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0	<u>C</u> <u>I</u> 0 <u>0</u> 0 <u>0</u> 0 <u>0</u> 0 <u>0</u> 0 <u>0</u> 0 <u>0</u> 0 <u>0</u> 0 <u>0</u> 0 <u>0</u>	E           0         E           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0 2 0 1 2 0 0 2 2 <b><u>L</u>0</b>	$\begin{array}{cccc} 0 & 7 \\ 0 & 4 \\ 0 & 10 \\ 0 & 11 \\ 0 & 7 \\ 0 & 15 \\ 0 & 17 \\ 0 & 9 \\ \hline \\$	0 0 0 0 0 0 0 0 0 0 0	3         9           1         6           0         11           2         11           1         11           0         19           2         22           1         11           0         19           2         22           1         11           0         70
SUMMARIES PERIOD COL Period 7:00-7:15 7:15-7:30 7:45-8:00 8:00-8:15 8:15-8:30 8:30-8:45 8:45-9:00 Period 1:00-11:15 11:15-11:30 11:30-11:45 11:45-12:00 12:00-12:15	Left Thru INTS	<u>C</u> <u>I</u> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	E           0         E           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0	0 0 0 0 0 0 0 0 F <u>G H</u> 0		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 2 0 1 2 0 0 2 2 <b><u>L</u> 0 0 0 0 0 0 0 0</b>	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3         9           1         6           0         11           2         11           1         11           0         19           2         22           1         11           0         0           0         0           0         0           0         0           0         0           0         0
SUMMARIES  PERIOD COL Period 7:00-7:15 7:15-7:30 7:45-8:00 8:00-8:15 8:15-8:30 8:30-8:45 8:45-9:00 Period 11:00-11:15 11:15-11:30 11:30-11:45 11:45-12:00 12:00-12:15 12:15-12:30 12:30-12:45 12:45-3:00 PERIOD COL	Left Thru  INTS	<u>C</u> <u>I</u> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	E           0         E           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0	0 0 0 0 0 0 0 0		2 0 1 0 0 0 4 0 5 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 1 2 0 0 2 2 0 0 2 0 0 2 0 0 2 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3         9           1         6           0         11           2         11           1         11           2         222           1         11           2         222           1         11           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0
SUMMARIES 4 PERIOD COL Period 7:00-7:15 7:15-7:30 7:45-8:00 8:00-8:15 8:15-8:30 8:30-8:45 8:45-9:00 CON PERIOD CO Period 11:100-11:15 11:15-11:30 11:30-11:45 11:45-12:30 12:30-12:45	Left Thru INTS	C I I 0 0 0 0 0 0 0	E           0         E           0         0	0 0 0 0 0 0 0 0 <b>F G H</b> 0 0 0 0 0 0 0		2 0 1 0 0 0 4 0 5 0 2 0 <b>b k</b> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 0 1 2 0 0 2 2 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		3         9           1         6           0         11           2         11           1         11           2         22           1         111           1         111           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0           0         0

0.7

### Intersection

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			- 11	1		- 11	1
Traffic Vol, veh/h	4	1	0	4	0	38	0	620	4	7	228	1
Future Vol, veh/h	4	1	0	4	0	38	0	620	4	7	228	1
Conflicting Peds, #/hr	0	0	2	0	0	4	0	0	1	0	0	3
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None									
Storage Length	-	-	-	-	-	-	-	-	400	-	-	400
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	87	87	87	87	87	87	87	87	87	87	87	87
Heavy Vehicles, %	0	0	0	1	1	1	1	1	1	1	1	1
Mvmt Flow	5	1	0	5	0	44	0	713	5	8	262	1

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	641	995	136	864	995	361	-	0	0	714	0	0
Stage 1	281	281	-	714	714	-	-	-	-	-	-	-
Stage 2	360	714	-	150	281	-	-	-	-	-	-	-
Critical Hdwy	7.5	6.5	6.9	7.52	6.52	6.92	-	-	-	4.12	-	-
Critical Hdwy Stg 1	6.5	5.5	-	6.52	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.5	5.5	-	6.52	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.51	4.01	3.31	-	-	-	2.21	-	-
Pot Cap-1 Maneuver	364	247	894	250	245	639	0	-	-	889	-	-
Stage 1	708	682	-	391	436	-	0	-	-	-	-	-
Stage 2	636	438	-	840	680	-	0	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	334	243	890	247	241	636	-	-	-	886	-	-
Mov Cap-2 Maneuver	441	341	-	331	342	-	-	-	-	-	-	-
Stage 1	708	673	-	391	436	-	-	-	-	-	-	-
Stage 2	590	438	-	828	671	-	-	-	-	-	-	-
Approach	EB			WB			NB			SB		
HCM Control Delay, s	13.8			11.7			0			0.3		
HCM LOS	В			В								

Minor Lane/Major Mvmt	NBT	NBR	EBLn1V	VBLn1	SBL	SBT	SBR	
Capacity (veh/h)	-	-	417	585	886	-	-	
HCM Lane V/C Ratio	-	-	0.014	0.083	0.009	-	-	
HCM Control Delay (s)	-	-	13.8	11.7	9.1	-	-	
HCM Lane LOS	-	-	В	В	А	-	-	
HCM 95th %tile Q(veh)	-	-	0	0.3	0	-	-	

0

#### Intersection

Movement	WBL	WBR	SEL	SET	NWT NWR
		WDR	JEL	JEI	
Lane Configurations	- M			- କି	ef e
Traffic Vol, veh/h	0	0	0	13	50 0
Future Vol, veh/h	0	0	0	13	50 0
Conflicting Peds, #/hr	0	0	3	0	0 5
Sign Control	Stop	Stop	Free	Free	Free Free
RT Channelized	-	None	-	None	- None
Storage Length	0	-	-	-	
Veh in Median Storage, #	0	-	-	0	0 -
Grade, %	0	-	-	0	0 -
Peak Hour Factor	87	87	87	87	87 87
Heavy Vehicles, %	0	0	1	1	1 1
Mvmt Flow	0	0	0	15	57 0

Major/Minor	Minor2		Major1		Major2		
Conflicting Flow All	77	62	62	0	-	0	
Stage 1	62	-	-	-	-	-	
Stage 2	15	-	-	-	-	-	
Critical Hdwy	6.4	6.2	4.11	-	-	-	
Critical Hdwy Stg 1	5.4	-	-	-	-	-	
Critical Hdwy Stg 2	5.4	-	-	-	-	-	
Follow-up Hdwy	3.5	3.3	2.209	-	-	-	
Pot Cap-1 Maneuver	931	1009	1547	-	-	-	
Stage 1	966	-	-	-	-	-	
Stage 2	1013	-	-	-	-	-	
Platoon blocked, %				-	-	-	
Mov Cap-1 Maneuver	922	1004	1547	-	-	-	
Mov Cap-2 Maneuver	922	-	-	-	-	-	
Stage 1	961	-	-	-	-	-	
Stage 2	1008	-	-	-	-	-	
-							

Approach	WB	SE	NW	
HCM Control Delay, s	0	0	0	
HCM LOS	А			

Minor Lane/Major Mvmt	NWT	NWRW	3Ln1	SEL	SET
Capacity (veh/h)	-	-	-	1547	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	-	-	0	0	-
HCM Lane LOS	-	-	А	А	-
HCM 95th %tile Q(veh)	-	-	-	0	-

0.6

#### Intersection

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			- 11	1		- 11	7
Traffic Vol, veh/h	2	0	1	2	3	25	3	442	5	27	721	10
Future Vol, veh/h	2	0	1	2	3	25	3	442	5	27	721	10
Conflicting Peds, #/hr	0	0	2	0	0	4	0	0	1	0	0	3
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None									
Storage Length	-	-	-	-	-	-	-	-	400	-	-	400
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	91	91	91	91	91	91	91	91	91	91	91	91
Heavy Vehicles, %	0	0	0	1	1	1	1	1	1	1	1	1
Mvmt Flow	2	0	1	2	3	27	3	486	5	30	792	11

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1110	1348	401	950	1348	248	795	0	0	487	0	0
Stage 1	855	855	-	493	493	-	-	-	-	-	-	-
Stage 2	255	493	-	457	855	-	-	-	-	-	-	-
Critical Hdwy	7.5	6.5	6.9	7.52	6.52	6.92	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.5	5.5	-	6.52	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.5	5.5	-	6.52	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.51	4.01	3.31	2.21	-	-	2.21	-	-
Pot Cap-1 Maneuver	166	152	604	216	151	755	829	-	-	1079	-	-
Stage 1	323	378	-	529	548	-	-	-	-	-	-	-
Stage 2	733	550	-	556	375	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	149	143	601	206	142	751	827	-	-	1075	-	-
Mov Cap-2 Maneuver	149	143	-	206	142	-	-	-	-	-	-	-
Stage 1	320	358	-	526	545	-	-	-	-	-	-	-
Stage 2	696	547	-	526	355	-	-	-	-	-	-	-
Approach	EB			WB			NB			SB		
HCM Control Delay, s	23.4			13.3			0.1			0.3		
HCM LOS	С			В								

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1W	/BLn1	SBL	SBT	SBR	
Capacity (veh/h)	827	-	-	199	468	1075	-	-	
HCM Lane V/C Ratio	0.004	-	-	0.017	0.07	0.028	-	-	
HCM Control Delay (s)	9.4	-	-	23.4	13.3	8.4	-	-	
HCM Lane LOS	А	-	-	С	В	А	-	-	
HCM 95th %tile Q(veh)	0	-	-	0.1	0.2	0.1	-	-	

0

#### Intersection

Int Delay, s/veh

Movement	WBL	WBR	SEL	SET	NWT NWR
Lane Configurations	Y			ર્સ	ef.
Traffic Vol, veh/h	0	0	0	60	27 0
Future Vol, veh/h	0	0	0	60	27 0
Conflicting Peds, #/hr	0	0	3	0	0 5
Sign Control	Stop	Stop	Free	Free	Free Free
RT Channelized	-	None	-	None	- None
Storage Length	0	-	-	-	
Veh in Median Storage, #	0	-	-	0	0 -
Grade, %	0	-	-	0	0 -
Peak Hour Factor	87	87	87	87	87 87
Heavy Vehicles, %	0	0	1	1	1 1
Mvmt Flow	0	0	0	69	31 0

Major/Minor	Minor2		Major1		Major2		
Conflicting Flow All	105	36	36	0	-	0	
Stage 1	36	-	-	-	-	-	
Stage 2	69	-	-	-	-	-	
Critical Hdwy	6.4	6.2	4.11	-	-	-	
Critical Hdwy Stg 1	5.4	-	-	-	-	-	
Critical Hdwy Stg 2	5.4	-	-	-	-	-	
Follow-up Hdwy	3.5	3.3	2.209	-	-	-	
Pot Cap-1 Maneuver	898	1042	1581	-	-	-	
Stage 1	992	-	-	-	-	-	
Stage 2	959	-	-	-	-	-	
Platoon blocked, %				-	-	-	
Mov Cap-1 Maneuver	889	1037	1581	-	-	-	
Mov Cap-2 Maneuver	889	-	-	-	-	-	
Stage 1	987	-	-	-	-	-	
Stage 2	954	-	-	-	-	-	

Approach	WB	SE	NW	
HCM Control Delay, s	0	0	0	
HCM LOS	А			

Minor Lane/Major Mvmt	NWT	NWRW	BLn1	SEL	SET
Capacity (veh/h)	-	-	-	1581	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	-	-	0	0	-
HCM Lane LOS	-	-	А	А	-
HCM 95th %tile Q(veh)	-	-	-	0	-

0.9

#### Intersection

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			<b>^</b>	1		<b>^</b>	1
Traffic Vol, veh/h	4	1	0	6	0	50	0	620	5	10	228	1
Future Vol, veh/h	4	1	0	6	0	50	0	620	5	10	228	1
Conflicting Peds, #/hr	0	0	2	0	0	4	0	0	1	0	0	3
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	400	-	-	400
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	87	87	87	87	87	87	87	87	87	87	87	87
Heavy Vehicles, %	3	3	3	3	3	3	3	3	3	3	3	3
Mvmt Flow	5	1	0	7	0	57	0	713	6	11	262	1

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	648	1002	136	871	1002	361	-	0	0	714	0	0
Stage 1	288	288	-	714	714	-	-	-	-	-	-	-
Stage 2	360	714	-	157	288	-	-	-	-	-	-	-
Critical Hdwy	7.56	6.56	6.96	7.56	6.56	6.96	-	-	-	4.16	-	-
Critical Hdwy Stg 1	6.56	5.56	-	6.56	5.56	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.56	5.56	-	6.56	5.56	-	-	-	-	-	-	-
Follow-up Hdwy	3.53	4.03	3.33	3.53	4.03	3.33	-	-	-	2.23	-	-
Pot Cap-1 Maneuver	353	239	885	243	239	633	0	-	-	875	-	-
Stage 1	693	670	-	386	431	-	0	-	-	-	-	-
Stage 2	628	431	-	827	670	-	0	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	315	235	881	239	235	630	-	-	-	872	-	-
Mov Cap-2 Maneuver	423	332	-	325	337	-	-	-	-	-	-	-
Stage 1	693	658	-	386	431	-	-	-	-	-	-	-
Stage 2	569	431	-	812	658	-	-	-	-	-	-	-
Approach	EB			WB			NB			SB		
HCM Control Delay, s	14.1			12.1			0			0.4		
HCM LOS	В			В								

Minor Lane/Major Mvmt	NBT	NBR E	EBLn1V	VBLn1	SBL	SBT	SBR	
Capacity (veh/h)	-	-	401	572	872	-	-	
HCM Lane V/C Ratio	-	-	0.014	0.113	0.013	-	-	
HCM Control Delay (s)	-	-	14.1	12.1	9.2	-	-	
HCM Lane LOS	-	-	В	В	А	-	-	
HCM 95th %tile Q(veh)	-	-	0	0.4	0	-	-	

## Intersection Int Delay, s/veh 2

Movement	WBL	WBR	SEL	SET	NWT NWR
Lane Configurations	- Y			र्च	4î
Traffic Vol, veh/h	2	14	4	13	50 1
Future Vol, veh/h	2	14	4	13	50 1
Conflicting Peds, #/hr	0	0	3	0	0 5
Sign Control	Stop	Stop	Free	Free	Free Free
RT Channelized	-	None	-	None	- None
Storage Length	0	-	-	-	
Veh in Median Storage, #	0	-	-	0	0 -
Grade, %	0	-	-	0	0 -
Peak Hour Factor	87	87	87	87	87 87
Heavy Vehicles, %	0	0	1	1	1 1
Mvmt Flow	2	16	5	15	57 1

Major/Minor	Minor2		Major1		Major2		
Conflicting Flow All	87	63	64	0	-	0	
Stage 1	63	-	-	-	-	-	
Stage 2	24	-	-	-	-	-	
Critical Hdwy	6.4	6.2	4.11	-	-	-	
Critical Hdwy Stg 1	5.4	-	-	-	-	-	
Critical Hdwy Stg 2	5.4	-	-	-	-	-	
Follow-up Hdwy	3.5	3.3	2.209	-	-	-	
Pot Cap-1 Maneuver	919	1007	1545	-	-	-	
Stage 1	965	-	-	-	-	-	
Stage 2	1004	-	-	-	-	-	
Platoon blocked, %				-	-	-	
Mov Cap-1 Maneuver	908	1002	1545	-	-	-	
Mov Cap-2 Maneuver	908	-	-	-	-	-	
Stage 1	960	-	-	-	-	-	
Stage 2	996	-	-	-	-	-	

Approach	WB	SE	NW	
HCM Control Delay, s	8.7	1.7	0	
HCM LOS	А			

Minor Lane/Major Mvmt	NWT	NWRV	/BLn1	SEL	SET
Capacity (veh/h)	-	-	989	1545	-
HCM Lane V/C Ratio	-	-	0.019	0.003	-
HCM Control Delay (s)	-	-	8.7	7.3	0
HCM Lane LOS	-	-	А	А	Α
HCM 95th %tile Q(veh)	-	-	0.1	0	-

0.7

# Intersection

Int Delay, s/veh

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		4			4			- 11	1		- 11	1
Traffic Vol, veh/h	2	0	1	3	3	31	3	442	7	37	721	10
Future Vol, veh/h	2	0	1	3	3	31	3	442	7	37	721	10
Conflicting Peds, #/hr	0	0	2	0	0	4	0	0	1	0	0	3
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None									
Storage Length	-	-	-	-	-	-	-	-	400	-	-	400
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	91	91	91	91	91	91	91	91	91	91	91	91
Heavy Vehicles, %	0	0	0	1	1	1	1	1	1	1	1	1
Mvmt Flow	2	0	1	3	3	34	3	486	8	41	792	11

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1132	1370	401	972	1370	248	795	0	0	487	0	0
Stage 1	877	877	-	493	493	-	-	-	-	-	-	-
Stage 2	255	493	-	479	877	-	-	-	-	-	-	-
Critical Hdwy	7.5	6.5	6.9	7.52	6.52	6.92	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.5	5.5	-	6.52	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.5	5.5	-	6.52	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.5	4	3.3	3.51	4.01	3.31	2.21	-	-	2.21	-	-
Pot Cap-1 Maneuver	160	148	604	208	146	755	829	-	-	1079	-	-
Stage 1	314	369	-	529	548	-	-	-	-	-	-	-
Stage 2	733	550	-	539	367	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	141	137	601	195	135	751	827	-	-	1075	-	-
Mov Cap-2 Maneuver	141	137	-	195	135	-	-	-	-	-	-	-
Stage 1	312	343	-	526	545	-	-	-	-	-	-	-
Stage 2	689	547	-	500	341	-	-	-	-	-	-	-
Approach	EB			WB			NB			SB		
HCM Control Delay, s	24.4			13.4			0.1			0.4		
HCM LOS	С			В								

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1\	WBLn1	SBL	SBT	SBR	
Capacity (veh/h)	827	-	-	189	469	1075	-	-	
HCM Lane V/C Ratio	0.004	-	-	0.017	0.087	0.038	-	-	
HCM Control Delay (s)	9.4	-	-	24.4	13.4	8.5	-	-	
HCM Lane LOS	А	-	-	С	В	А	-	-	
HCM 95th %tile Q(veh)	0	-	-	0.1	0.3	0.1	-	-	

# Intersection

Int Delay, s/veh 1.4 WBL Movement WBR SEL SET NWT NWR Y **₽** 27 Lane Configurations đ 60 Traffic Vol, veh/h 7 12 1 1 Future Vol, veh/h 1 7 12 60 27 1 Conflicting Peds, #/hr 0 0 0 0 5 3 Sign Control Stop Free Free Stop Free Free RT Channelized - None -None - None Storage Length 0 -----Veh in Median Storage, # 0 --0 0 -Grade, % 0 0 0 ---Peak Hour Factor 87 87 87 87 87 87 Heavy Vehicles, % 0 0 1 1 1 1 Mvmt Flow 1 8 14 69 31 1

Major/Minor	Minor2		Major1		Major2		
Conflicting Flow All	134	37	37	0	-	0	
Stage 1	37	-	-	-	-	-	
Stage 2	97	-	-	-	-	-	
Critical Hdwy	6.4	6.2	4.11	-	-	-	
Critical Hdwy Stg 1	5.4	-	-	-	-	-	
Critical Hdwy Stg 2	5.4	-	-	-	-	-	
Follow-up Hdwy	3.5	3.3	2.209	-	-	-	
Pot Cap-1 Maneuver	864	1041	1580	-	-	-	
Stage 1	991	-	-	-	-	-	
Stage 2	932	-	-	-	-	-	
Platoon blocked, %				-	-	-	
Mov Cap-1 Maneuver	848	1036	1580	-	-	-	
Mov Cap-2 Maneuver	848	-	-	-	-	-	
Stage 1	986	-	-	-	-	-	
Stage 2	919	-	-	-	-	-	
Annroach	WR		SF		NIW		

Approach	WB	SE	NW	
HCM Control Delay, s	8.6	1.2	0	
HCM LOS	А			

Minor Lane/Major Mvmt	NWT	NWRV	VBLn1	SEL	SET
Capacity (veh/h)	-	-	1008	1580	-
HCM Lane V/C Ratio	-	-	0.009	0.009	-
HCM Control Delay (s)	-	-	8.6	7.3	0
HCM Lane LOS	-	-	А	А	А
HCM 95th %tile Q(veh)	-	-	0	0	-

# **Economic Impact**

# The Cottonwoods at Hollow Road

\*\*Based on economic modeling and analysis performed by the National Association of Home Builders August 2016.

# Assumptions:

- 1. 10.80 Acres Developed.
- 2. 17 Homes Constructed.
- 3. Average Home Value after Construction: \$375,000.
- 4. Nibley City Impact Fees: \$11,892 per house.
- 5. Cache County Real Estate Tax Per Home: (\$375,000) x (55%) x 0.01695 = \$3,496.

# **Direct Construction Impact:**

- 1. \$5,300,000 in construction costs of which \$4,800,000 will be local business income.
- 2. \$612,000 in taxes and other revenue for local governments.
- 3. 67 local job equivalents. (Job equivalent is one person working full-time for one year.)
- 4. \$202,164 in impact fees to Nibley City.

# **Direct Annual Recurring Impact**

- 1. \$700,000 in local income.
- 2. \$504,730 in taxes and revenue for local governments.
- 3. 12 local job equivalents.



Image: Control of the second secon
TATE TOALE T
ACCEPTACE Transformation and the star of
Σ. E S E

ZOLLINGER A CRES SUBD. PART OF THE SOUTHWEST QUARTER OF SECTIONNSHIP 11 NORTH, RANGE 1 EAST, SALT LAKE BASELINE AND MERIDIAN FINAL PLAT

16 QUARTER SECTION CORNER

03-017-0022

A.D. 20, personally appeared sen, Manager of MV Properties, LLC, who, did say for himself that he is the Manager utah limited liability company, and that the trument was signed on behalf of said LLC by of Organization and he duly acknowledged to LLC executed the same NOTARY PUBLIC RESIDING AT	UTILITY EASEMENT DEDICATION MV PROPERTIES, LLC OWNER OF THE PROPERTY SET FORTH AND DESCRIBED IN THIS PLAT, HEREBY OFFERS AND CONVEYS TO ALL PUBLIC UTILITY AGENCIES, THEIR SUCCESSORS AND ASSIGNS, A PERMANENT EASEMENT AND RIGHT-OF-WAY OVER, UNDER, ACROSS, AND THROUGH ALL AREAS DESIGNATED ON THIS PLAT AS PUBLIC UTILITY EASEMENTS OR UTILITY EASEMENTS FOR THE CONSTRUCTION AND MAINTENANCE OF SUBTERRANEAN ELECTRICAL, TELEPHONE, NATURAL GAS, SEWER, WITH THE RIGHT OF ACCESS THERETO, WHICH WOULD INTERFERE WITH NORMAL UTILITY USE. IT IS UNDERSTOOD THAT IF IT BECOMES NECESSARY TO RELOCATE SAID UTILITIES AT THE INSTANCE OR REQUEST OF ANY PUBLIC ENTITY OR THE OWNER, THE COSTS AND EXPENSES INCURRED THEREBY WILL BE BORNE BY THE OWNER OR THE ENTITY REQUIRING OR REQUESTING THE SAME. ACKNOWLEDGEMENT	VE TABLE VE TABLE VE TABLE VE TABLE ITA ANGLE CHORD BEARING 1055/12"E 199.07" BOUNDARY LENGTH AND BEARINGS 85:08" N85:0870'0"W 27:18" 22:72" 88:09:70"W 28:543 47:55:49" 88:709:70"W 28:561 57:25:08" N85:72.7"E 22:77 58:728:15" 88:709:70"W 48:74 44:75:03" 88:709:70"W 48:74 44:75:549" 22:77 58:728:15" 88:709:70"W 28:61 58:728:15" 85:75:75"E 22:77 58:728:15" 85:75:75"E 22:77 58:728:15" 85:75:75"E 22:77 58:728:15" 85:75:75"E 22:77 58:728:15" 85:75:75"E 22:77 59:98 94:0:47"W 77:0:34"W 75:53 18:42:0:65" 84:73:35"E 43:33 18:42:0:65" 84:74:35"E 43:33 18:42:0:66" 17:40'0"W 155:54:	
<ul> <li>6. Areas in Nibley City have groundwater problems due to the varying depths of a fluctuating water table. The City's approval of a building permit or construction plans does not constitute a representation by the City that building at any specified elevation or location will solve subsurface or groundwater problems. In addition, concerns for building elevations and/ar grading and drainage are unique to each building lot site. Responsibility for these stated concerns, and all other such concerns related to a lot or other building site, remains solely with the building permit applicant, property owner and/or contractor. Nibley City is not building location and/or elevation, site grading and drainage.</li> <li>7. This subdivision is shown on Record af Survey #07-238 recorded in the Cache County Surveyor's Office.</li> <li>8. 5/8" rebar with cap will be set at all rear and interior property corners. Curb pins will be set at the intersection of the lot line with the curb once it is placed.</li> </ul>	<ul> <li>NOTES:</li> <li>1. Building setbacks are as follows: Front yard = 30 feet Side yard: All lots = 10 feet from adjacent lat Corner lots = 20 feet side on street Rear yard = 25 feet</li> <li>2. Lot easements unless otherwise noted are as follows: 10' off property line for limits around entire Lot</li> <li>3. All required necessary public improvements and utilities shall be financed by purchaser or seller and not by Nibley City</li> <li>4. No structures may be built within any public utility easement, except as approved by the City Engineer.</li> <li>5. This property is located in the vicinity of property that is used for agricultural purposes. It may be anticipated that such agricultural uses and activities may or may not in the future be conducted in this area and that such uses are previously existing uses. Agricultural uses and situations must be sound agricultural practices and not bear a direct threat to public health and safety.</li> </ul>	<i>PR'S CE</i> <i>Speed Soft CE</i> <i>Speed Land s</i> <i>speed by the law</i> <i>hat by author</i> <i>therewith, and</i> <i>therewith, and</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i>theret,</i> <i></i>	NORTH $0$ 50 50

## CONSERVATION RESIDENTIAL SUBDIVISION ORDINANCE

10-18-1	Purpose
10-18-2	Applicability
10-18-3	Definitions
10-18-4	Development Options
10-18-5	Approval Process
10-18-6	Development Activities Prohibited
10-18-7	Waiver
10-18-8	Sensitive Area Designation Plan
10-18-9	Master Development Plan
10-18-10	Dimensional Standards
10-18-11	Design Standards
10-18-12	Attached Housing
10-18-13	Conservancy Lots
10-18-14	Use Regulations
10-18-15	Conservation Land Design Standards
10-18-16	Permanent Protection of Conservation Lands
10-18-17	Ownership of Conservation Lands
10-18-18	Maintenance of Conservation Lands

- **10-18-1 Purpose:** The purpose of this Chapter is to provide for subdivision development within Nibley City in a manner that:
- A. Protects areas of the City with productive agricultural soils for continued agricultural use by conserving blocks of land large enough to allow for farm operations;
- B. Provides standards accommodating to some extent the varying circumstances and interests of individual landowners and the individual characteristics of their properties; and
- C. Protects constrained and sensitive lands, including those areas containing sensitive and undevelopable features such as steep slopes, floodplains and wetlands, by setting them aside from development;
- D. Conserves conservation and open space land, including those areas containing unique or natural features such as meadows, grasslands, tree stands, streams, stream corridors, berms, watercourses, farmland, wildlife corridors and/or habitat, historical buildings and/or sites, archeological sites, and green space, by setting them aside from development;
- E. Provides greater design flexibility and efficiency in the siting of services and infrastructure, including the opportunity to reduce length of roads, utility runs, and the amount of paving required for residential development;

- F. Reduces erosion and sedimentation by the retention of existing vegetation and the minimization of development on steep slopes and other constrained and sensitive lands;
- G. Provides for a diversity of lot sizes to accommodate a variety of age and income groups and residential preferences, so that the community's population diversity may be enhanced;
- H. Provides incentives for the creation of greenway systems and open space within the City for the benefit of present and future residents;
- I. Implements adopted City policies to conserve a variety of irreplaceable and environmentally sensitive resource and agricultural lands as set forth in the Comprehensive General Plan;
- J. Implements adopted land use, environment, natural hazards, transportation, and community policies, as identified in the Comprehensive General Plan;
- K. Creates neighborhoods with direct visual and/or recreational access to constrained, sensitive and conservation land;
- L. Provides for the conservation and maintenance of constrained, sensitive and conservation land within the City to achieve the goals of the Nibley City General Plan;
- M. Provides incentives and design alternatives for landowners to minimize impacts on environmental resources such as, sensitive lands, wetlands, floodplain, and steep slopes, and to minimize disturbance of natural or cultural features such as, mature woodlands, tree lines, wildlife habitats and corridors, and historic buildings;
- N. Conserves scenic views and elements of the City's rural and scenic character and minimizes perceived density by minimizing views of new development from existing roads.

# 10-18-2 Applicability

- A. The intent of this Chapter and the Conservation Residential Subdivision options is to encourage the creation and development of flexibly-designed open space subdivisions. Conservation Residential Subdivisions may be developed within applicable residential zones of the City. Conservation Residential Subdivisions shall be developed in accordance with and subject to the development standards, conditions, procedures and regulations of this Chapter and with all other applicable subdivision ordinances and zoning regulations of the City which are not otherwise in conflict with the provisions of this Chapter.
- B. Residential subdivisions in the R-2 and R-2A zones in Nibley City shall develop as conservation subdivisions, if the gross acreage of the property, prior to subdividing, is at least five (5) acres.

- C. In the R-1 and R-1A zones in Nibley City, developers may elect to develop the conservation residential subdivision if the gross acreage of the property, prior to subdividing, is at least five (5) acres.
- D. Conservation residential subdivisions shall not be permitted in the R-E zone.
- E. In cases of conflict with other Nibley City ordinances, this shall be the prevailing ordinance.
- **10-18-3 Definitions.** For purposes of this Chapter, the following words shall have the meanings set forth herein:
- A. Conservation Land. Conservation land means land containing unique, historic, cultural, archeological, natural or other significant features, including, but not limited to, meadows, grasslands, tree stands, streams, stream corridors, flood walls, berms, watercourses, farmland, wildlife corridors and/or habitat, historic buildings and/or sites, archeological sites, and open space.
- B. Constrained and Sensitive Land. Constrained and sensitive land means land which is generally unbuildable and which contains constrained and sensitive features including, but not limited to, wetlands, floodplains, steep slopes, faults and other geologically or environmentally sensitive features.

## 10-18-4 Development Options

- A. The intent of the conservation residential subdivision is to encourage the preservation of usable open space, thus helping to maintain the rural character of Nibley City. The City will provide density bonuses to developers as outlined in this ordinance, and as an incentive for preservation of an increased amount of open space. Density bonuses shall be calculated in accordance with the provisions outlined in this chapter.
- B. Developers desiring to develop property as a Conservation Residential Subdivision are subject to the development standards, conditions, procedures and regulations of this Chapter.

# 10-18-5 Approval Process

A. **Concept Plan**. All applications for a Conservation Residential Subdivision shall submit a concept plan to the Nibley City Planning Commission for their review and comment. The concept plan shall include an overall layout of the property, including road alignments and lot sizes. Additionally, the developer shall submit a brief written plan for development, ownership and management of the open space, including conceptual landscape plans, and options for amenities.

B. Once the Planning Commission has had an opportunity to review and comment on the concept plan, applications for a Conservation Residential Subdivision shall be submitted and processed in accordance with the requirements and procedures set forth in the City Subdivision Ordinance, including submission and approval of schematic, preliminary and final plans or plats, and any additional procedural requirements set forth in this Chapter, including, but not limited to, submission of a Sensitive Area Designation Plan and/or Master Development Plan.

## 10-18-6 Development Activities Prohibited

A. In order to ensure the preservation and enhancement of existing conditions of certain property within the City, including, but not limited to, constrained and sensitive lands, natural and cultural resources, wildlife habitat and other unique and sensitive lands, no new development activity shall be permitted on property proposed for development as a Conservation Residential Subdivision prior to final plat approval as provided herein. Upon final plat approval, all development activity shall be conducted in accordance with and subject to applicable permit and development approval processes required by City Ordinances, rules and regulations. For purposes of this Section, "development activity" shall include any disturbance or alteration of the property in any way, but shall not include continuation of any currently existing permitted use of the property.

#### 10-18-7 Waiver

A. Subject to the provisions set forth herein, any provision of this Chapter may be waived by the City Council upon a vote of not less than three (3) members of the City Council. Such waiver(s) shall be granted only in limited circumstances as deemed appropriate and necessary by the City Council. No waiver shall be granted absent a finding of good cause based upon specific special circumstances attached to the property, nor shall any waiver be granted for reasons of financial hardship. No waiver shall be granted that would be contrary to the public interest or contrary to the underlying intent of this Chapter. Any waiver of the required minimum conservation land dedication shall require comparable compensation, off-site improvements, amenities or other consideration of comparable size, quality and/or value.

#### 10-18-8 Sensitive Area Designation Plan Map

A. All applications for a Conservation Residential Subdivision shall include a Sensitive Area Designation Plan Map prepared in accordance with the provisions set forth herein. The Sensitive Area Designation Plan Map shall identify all constrained and sensitive lands within the property boundaries and within four hundred (400) feet outside of the property boundaries, including, but not limited to, floodplains, wetlands, and steep slopes. The Sensitive Area Designation Plan Map shall also clearly identify all natural or cultural resources present on the property and within four hundred (400) feet outside of the property, including, but not limited to, geographic features, including, but not limited to,

**Comment [SP1]:** There has been concern expressed about the ability to waive provisions of the ordinance. That was seen as one of the primary problems with the City's previous PUD ordinance. I believe the waiver was in there primarily for the purpose of being able to waive minimum average lot size. The Mayor has asked that the waiver provision be stricken entirely.

meadows, grasslands, tree stands, streams, stream corridors, flood walls, berms, watercourses, farmland, wildlife corridors and/or habitat; historic buildings and/or sites; archeological sites; cultural features and green space. Applicants are solely responsible for checking and ensuring the accuracy and designation of constrained and sensitive lands and natural and cultural resources on the Sensitive Area Designation Plan Map for their particular project and applicable adjacent property. If site analysis, surveying and/or identification of constrained and sensitive lands and natural and cultural resources require entry onto adjacent properties, applicants are solely responsible for obtaining all required permits and/or approvals for such entry and analysis, surveying and/or identification.

## 10-18-9 Master Development Plan

A. Application and approval for a Conservation Residential Subdivision shall include a Master Development Plan and/or Development Agreement. Such Master Development Plan and/or Development Agreement shall be reviewed and approved as part of the subdivision approval process.

#### 10-18-10 Dimensional Standards

A. Density. The permitted density for development within a Conservation Residential Subdivision shall be determined in accordance with the following chart, hereinafter referred to as the "Development Incentive Chart".

Development Incentive Chart- R-2								
Conservation	Incentive	Lot Size	Minimum					
Land	Multiplier	Minimum	Frontage					
25%	25%	12,000	100'					
30%	31.25	10,500	95'					
35%	37.5	9,000	90'					
40%	45%	7,500	85'					

Development Incentive Chart- R-2A								
Conservation	Incentive	Lot Size	Minimum					
Land	Multiplier	Minimum	Frontage					
25%	18.75%	9,000	95′					
30%	25%	8,000	<del>90'<u>85'</u></del>					
35%	31.25%	7,000	<u>80</u> 85'					
40%	37.5%	6,000	<u>70'</u> 80'					

Developers who opt to develop a conservation residential subdivision in the R-1 and R-1A zones shall do so in accordance with the development incentive charts listed below, and in accordance with all other applicable provisions of this Chapter.

**Comment [SP2]:** I've been looking at the buildable area of small lots and how that is impacted by our setback requirements. Building lots typically need more depth than width in order to accommodate quality housing. I would suggest reducing the required frontage so that people can have the depth needed on their yard to maintain our current setbacks but still have enough space to build a high-quality, good sized home.

	Development Incentive Chart- R-1								
Conservation	Incentive	Lot Size	Minimum						
Land	Multiplier	Minimum	Frontage						
25%	18.75%	25,000	100′						
30%	25%	22,500	95′						
35%	31.25%	20,000	85′						
40%	37.5%	18,000	80′						

Development Incentive Chart- R-1A			
Conservation	Incentive	Lot Size	Minimum
Land	Multiplier	Minimum	Frontage
25%	25%	17,000	100′
30%	33.33	15,000	100'
35%	41.67%	13,000	95′
40%	50%	11,000	90'

- B. Procedure For Calculating Density Bonuses. The density bonus for a conservation subdivision shall be arrived at by multiplying the incentive multiplier for the percentage of conservation land by the original number of lots. The original number of lots shall be calculated as follows:
  - 1. R-1 zone: Gross acreage x .8 = original yield
  - 2. R-1A zone: Gross acreage x 1.2= original lot yield
  - 3. R-2 zone: Gross acreage x 1.6= original lot yield
  - 4. R-2a zone: Gross acreage x 2.3 = original lot yield
- C. Minimum Required Conservation Land. All Conservation Residential Subdivisions shall provide a minimum of 25% conservation land within the Conservation Residential Subdivision as set forth in the Development Incentive Chart in Subsection A. The percentage of required conservation land for any given Conservation Residential Subdivision shall be calculated based upon the gross acreage of property within the proposed subdivision, less the acreage needed for publicly dedicated rights-of-way. Except as otherwise provided herein, conservation land shall not be included within any residential lot.
- D. Density Bonuses Not Otherwise Listed. Developers may choose to set aside open space in excess of what is provided for in the incentive charts included herein. The City Council may choose to approve an increase in density beyond what is provided for in the charts in exchange for an increased percentage of open space. However, in no case shall the density bonus exceed fifty percent (50%).
- E. Lot Area. The lot area and minimum lot size for lots within a Conservation Residential Subdivision shall be determined in accordance with the Development Incentive Chart set

forth in Subsection A. The typical lot area is likely to be much closer in size to the established threshold for each zone because that lot size can be delivered by developers while still meeting the minimum conservation land requirements set forth herein.

- F. Lot Width at Front Setback. The minimum lot width at the front setback (Required Frontage) for main buildings within a Conservation Residential Subdivision shall be in accordance with the Development Incentive Chart.
- G. Yard Regulations. All yard regulations, including building setbacks, heights and regulations on accessory structures shall be in compliance with the Nibley City zoning and subdivision codes.

## 10-18-11 Design Standards

- A. As part of the application for a Conservation Residential Subdivision, developers shall be required to submit drawings showing the design options for the primary dwelling on lots within the subdivision. Such designs shall be in accordance with the provisions contained in this section.
- B. **Individual Lots.** Individual lots in Conservation Residential Subdivisions shall be laid out pursuant to the dimensional standards set forth herein. With the exception of conservancy lots, individual residential lots shall not encroach upon or contain any of the required minimum designated conservation land for the Subdivision or any constrained or sensitive lands, as defined herein.
- C. **Orientation.** All principal dwelling structures shall front a publicly dedicated street or private drive.
- D. **Building Height.** All building heights shall comply with Nibley City Code 10-11-1 "Space Requirements Chart".
- E. Materials.
  - 1. Allowable primary materials for shall be wood clapboard, cementitious fiber board, wood board and batten, wood siding, brick, stone, stucco, or similar material.
  - 2. Allowable secondary materials can include cementitious fiber board, brick, wood, exposed smooth-finish concrete block, stone, glass, architectural metal panels, EIFS, corrugated metal, or similar material.
  - 3. Pitched roofs of structures shall be clad in asphalt shingles, wood shingles, standing seam metal, a similar material, or a combination of similar materials.
- F. **Porches, Landings, Stoops, or Porticos.** All buildings shall have a covered porch, a covered landing, a stoop, or a portico. This element shall be:
  - 1. The primary architectural element of the façade where located;

- 2. Located on the front facade of the structure; and
- 3. Porches must be at least six feet deep;
- 4. Stoops and landings must be at least four feet deep.
- 5. Porticos must provide a depth of covering of at least four feet.
- G. Roofs and Overhangs. Roofs and overhangs on buildings using shall comply with the following standards:
  - 1. Pitched roofs covering the main body of the structure shall be hip style, shed style, mansard, or shall have symmetrical gables.
  - 2. Shed roofs shall maintain a minimum pitch of 2:12 and all other roofs covering the main body shall maintain a minimum roof pitch of 6:12 or steeper.
  - 3. Overhanging eaves may expose rafters, but flush eaves shall be finished with profiled molding or gutters.
  - 4. Flat roofs may not be used.
- H. **Facades.** Any structure with a front façade of thirty feet (30') or more shall incorporate wall offsets in the form of projections or recesses in the front façade plane. Offsets shall have a minimum depth of two feet (2').
- I. **Garages.** All structures intended for residential occupancy shall include a garage. The following garage standards shall apply:
  - 1. Street facing garage façades shall not visually or architecturally dominate the front façade elevation of the primary building. Compliance is determined by:
    - a. The living space is the dominant element of the front façade;
    - b. The roof accent gabling is visually dominant over the living space instead of the garage;
    - c. Front facing garages must contain at least two of the following:
      - i. Single carriage house garage doors with windows;
      - ii. Garage doors that include windows and are painted to match the main or accent color of the dwelling;
      - iii. Ornamental light fixtures flanking the doors;
      - iv. Arbor or trellis;
      - v. Columns flanking doors and/or an eyebrow overhand;
      - vi. Portico;
      - vii. Dormers;
      - viii. Twelve-inch overhangs over garage doors;

- ix. Eaves with exposed rafters with a minimum six inch (6") projection from the front plane;
- x. A vertical element such as a tower, placed over the primary pedestrian entrance; or
- xi. Roof line changes.
- d. In addition to the two required elements described in the section above, frontfacing garages protruding up to four (4) feet from the front plane shall have garage doors with windows.
- e. Front facing garages protruding more than four feet (4') from the front façade shall include a porch or covered landing that extends a minimum of six feet (6') from the plane of the living space. In no case shall a street facing garage protrude more than eight feet (8') from the plane of the living space.
- f. In no case shall front facing garage doors comprise more than fifty percent (50%) of the primary façade.
  - i. Front facing garage doors that comprise from forty percent (40%) to fifty percent (50%) of the primary façade shall be recessed from the primary façade by at least four feet (4') Front facing garage doors that are flush with the primary façade or that protrude up to four feet (4') from the front façade shall comprise no more than forty percent (40%) of the primary façade
  - ii. Front facing garage doors protruding more than four feet (4') from the front façade shall comprise no more than thirty percent (30%) of the primary façade.
- 2. All garages with more than two bays or with doors exceeding sixteen feet (16') in width shall be located behind the rear façade of a structure or shall be side-loaded. Buildings using this form that incorporate side-loaded garages shall emphasize the pedestrian entrance to the building. Side loaded garages along front facades shall incorporate a portico, arbor, trellis, or some other element to articulate the façade incorporating the garage

# J. Architectural Variability.

- 1. All residential subdivision of three lots or more that are intended solely for single-family detached structures shall include multiple distinctly different front façade designs within any single phase of the development. Developments of three to ten units shall have a minimum of three façade variations. One additional façade variation will be required to be included for each additional ten units.
- 2. No structure shall be of the same primary façade design as any other structure within three building lots along the same block face, and no single front façade design may

constitute more than 25 percent of the front façade design within any single phase of a subdivision.

- K. Conservation Land Coordination. Conservation land shall be coordinated and located so as to maximize the continued use of the space. In order to create larger areas of conservation land and to combine open space from a variety of developments, conservation land shall be coordinated either with existing adjacent conservation land or with planned future conservation land. If no adjacent parcels of land are planned for development, conservation land shall be planned to provide the greatest likelihood of adjoining future developments' conservation land.
- L. Conservation Lands. Standards pertaining to the quantity, quality, configuration, use, permanent protection, ownership, and maintenance of the conservation land within a Conservation Residential Subdivision shall be complied with as provided herein.
- M. Constrained and Sensitive Lands. Restrictions and regulations regarding the preservation, protection, ownership and maintenance of constrained and sensitive lands within a Conservation Residential Subdivision shall be complied with as provided herein.

# 10-18-12 Attached Housing Development

A. Conservation residential subdivisions in the R-1a, R-2 and R-2a zones in excess of twentyfive (25) acres may develop as a Planned Unit Development and include up to fifty percent (50%) of the property as single-family attached (townhome) housing, subject to the standards outlined in the Nibley City ordinance regulating Planned Unit Developments.

# 10-18-12 Conservancy Lots

- A. Conservancy Lots. Conservation land and constrained and sensitive land may be included within individual residential lots in limited circumstances when such areas can be properly protected and preserved in accordance with the intent and purpose of this Chapter. Such lots shall be known and referred to as "Conservancy Lots" and must be approved by the City Council in conjunction with the subdivision approval.
- B. Regulations. Conservation land and constrained and sensitive land within a Conservancy Lot shall remain subject to all regulations and requirements for such land as set forth herein, including, but not limited to, use, design, maintenance, ownership and permanent protection.
- C. Ownership. Ownership may be held in perpetuity by an individual or corporation with a restriction on the recorded plat preventing further development by providing a conservation easement to Nibley City.

# 10-18-13 Use Regulations

- A. Subdivision. Subject to use and development restrictions of constrained and sensitive lands as set forth herein, land within Conservation Residential Subdivisions may be used for the following purposes:
  - 1. Permitted Uses. Any uses permitted in the relevant zone.
  - 2. Conservation Land. Conservation land, subject to the use and development restrictions of conservation land as set forth herein.
  - 3. Accessory Uses. Any permitted accessory uses as provided in the relevant zoning regulations.
- B. Conservation Land. Conservation land may be used for the following purposes:
  - 1. Permitted Uses. The following uses are permitted in conservation land areas:
    - a. Conservation of open land in its natural state; e.g., meadow, grassland, tree stands, farmland, etc.
    - b. Agricultural and horticultural uses, including raising crops.
    - c. Underground utility easements for drainage, access, sewer or water lines, or other public purposes.
    - d. Above-ground utility and street rights-of-way may traverse conservation land if permitted under City Ordinances; provided, areas encumbered by such facilities and/or rights-of-way shall not be counted towards the minimum required conservation land for the Subdivision.
    - e. Conservation land of less than one half (.5) acre may be used as landscaped buffers for road ways, landscaped entrances to subdivisions, neighborhood "pocket parks" or similar amenities as approved by the Planning Commission.
  - 2. Conditional Uses. The following uses shall be considered as conditional in conservation land areas:
    - a. Agricultural uses, not otherwise permitted, including livestock and associated buildings that support an active, agricultural or horticultural operation, but excluding livestock operations involving swine, poultry, and mink.
    - b. Pastureland for sheep, cows and horses.
    - c. Equestrian facilities.

- d. Wholesale nurseries and associated buildings that are specifically needed to support active, viable horticultural operations.
- e. Silviculture, in keeping with established standards for selective harvesting and sustained-yield forestry.
- f. Neighborhood open space uses such as village greens, commons, picnic areas, community gardens, trails, passive recreation parks and similar low-impact passive recreational uses specifically excluding motorized off-road vehicles, rifle ranges, and other uses similar in character and potential impact.
- g. Active non-commercial recreation areas, such as trails, playing fields, playgrounds, courts, and bikeways.
- h. Golf courses, not including miniature golf.
- i. Water supply and sewage disposal systems, and stormwater detention areas designed, landscaped, and available for use as an integral part of the conservation land.
- j. Fencing, when deemed necessary and appropriate for the particular use, condition, purpose and/or location of the conservation land.
- 3. Prohibited Uses. The following uses shall be considered prohibited in conservation land areas:
  - a. Any residential, commercial or industrial activity;
  - Any development, construction or location of any manmade modification or improvements such as buildings, structures, roads, parking lots, or other improvements, except as may be necessary to support a permitted or conditional use;
  - c. Any filling, dredging, excavating, mining, drilling, or exploration for and extraction of oil, gas, minerals or other resources from the property;
  - d. Any dumping or storing of ashes, trash, garbage or junk vehicles or equipment;
  - e. Burning of any materials, except as necessary for agricultural, drainage and fire protection purposes;

- f. The use of motor vehicles, including snowmobiles, all-terrain vehicles, motorcycles and other recreational vehicles, except as may be necessary to maintain and operate the property and/or utility facilities within the property;
- g. Hunting or trapping for any purpose other than predatory or problem animal control;
- Advertising of any kind or nature and any billboards or signs; provided, directory and information signs may be displayed describing the easement and prohibited or authorized use of the same;
- Any cutting of trees or vegetation, except as necessary for fire protection, thinning, elimination of diseased growth, control of non-native plant species, maintenance of landscaped areas, and similar protective measures or those activities relating to permitted agricultural uses;
- j. The change, disturbance, alteration, or impairment of significant natural ecological features and values of the property or destruction of other significant conservation interests on the property;
- k. The division, subdivision or de facto subdivision of the property;
- I. Changing the topography of the property by placing on it any soil, dredging spoils, land fill, or other materials, except as necessary to conduct specific permitted purposes; and
- m. All other uses and practices inconsistent with and detrimental to the stated objectives and purpose of the easement.
- C. Constrained and Sensitive Lands. Except for passive recreational activities, no development or residential uses shall be permitted within constrained and sensitive lands.
- **10-18-14 Conservation Land Design Standards.** Designated conservation land within a Conservation Residential Subdivision shall meet the following standards:
- A. Construction of Conservation Land and other Amenities. Regardless of the overall phasing of the project, all conservation land and other amenities that will be constructed as part of the Conservation Residential Subdivision shall be constructed and installed in the first phase of the development.
- B. Significant Areas and Features. Conservation land should include the most unique and sensitive resources and locally significant features of the property within the Subdivision such as meadows, grasslands, tree stands, streams, stream corridors, berms, watercourses, farmlands, wildlife corridors and/or habitat, historic buildings and/or sites, archeological

sites, cultural features, green space, scenic views, etc. Developers, as part of the subdivision application, shall submit a report detailing why the conservation land was selected and what features and resources it is preserving.

- C. Contiguous Land. Conservation lands within a development shall be contiguous to provide for large and integrated open space areas within the Subdivision. Non-contiguous parcels of conservation lands may be approved by the City Council during plat approval process upon a finding that such exception is necessary and/or desirable based upon consideration of the size of the project, the size of the conservation parcels, the types of features and resources included within the conservation lands, and other relevant considerations. Long thin strips of conservation land (less than one hundred (100) feet wide) are prohibited, unless approved by the City Council during plat approval process upon a finding that such configuration of the conservation land is necessary and/or desirable to connect other significant areas, to protect linear resources such as streams or trails, or to provide a buffer.
- D. Open Space Network Connection. Conservation land within a Conservation Residential Subdivision shall be designed and laid out as part of a larger continuous and integrated open space system to ensure that an interconnected network of open space will be provided throughout the City.
- E. Trail Connection. Wherever practical, conservation land within a Conservation Residential Subdivision shall incorporate trail connections into the design of the conservation land.
- F. Canal. Wherever canals traverse the property on which the Conservation Residential Subdivision, the Developer shall leave a minimum of ten feet (10') of open space on each side of the canal's top banks. This open space may count towards the required open space and also towards the required trail connections, provided the open space along the canal is developed in a manner that it can be reasonably and safely used as a pedestrian corridor.
- G. Visibility. Conservation land shall be located and designed within the Conservation Residential Subdivision to add to the visual amenities of neighborhoods and to the surrounding area by maximizing the visibility of internal open space. Such enhanced visibility of conservation land may be accomplished through design and location of such open space as terminals at the ends of streets or along "single-loaded" street segments, particularly along the outside edges of street curves, and by maximizing the visibility of external open space as perimeter "greenbelt" conservation land.
- H. Buffering. Conservation land shall be designed to provide buffers and to protect scenic views as seen from existing roadways and from public parks. Where the proposed development abuts a national forest or other public park, open space, wildlife sanctuary or preserve, a natural greenway buffer at least twenty-five (25') feet wide shall be provided within the development along its common boundary with said land, within which no new structures shall be constructed, nor shall any clearing of trees or understory growth be permitted (except as may be necessary for street or trail construction or fire safety). Where

this buffer is unwooded, the City may require vegetative screening to be planted at developer's sole cost and expense and/or that the buffer be managed to encourage natural forest succession through policies and the periodic removal of invasive alien plant and tree species.

- I. Pedestrian Access. Developer shall provide adequate pedestrian access to conservation land which is open to public or resident use.
- J. Maintenance Access. Developer shall provide sufficient maintenance access to all conservation land and constrained and sensitive lands within the Conservation Residential Subdivision.
- K. Landscaping. All conservation land that is not wooded, farmed, or maintained as conservation meadows, grassland, or other approved open space, shall be landscaped at developer's sole cost and expense in accordance with landscaping requirements for subdivisions.

# 10-18-15 Permanent Protection of Conservation Lands.

- A. Conservation Easement. All conservation land shall be permanently restricted from future development by a conservation easement or other method of protection and preservation acceptable to the City. Under no circumstances shall any development be permitted in the conservation land at any time, except for those permitted or conditional uses listed herein and approved in conjunction with the Conservation Residential Subdivision. All conservation land within a Conservation Residential Subdivision, shall be approved by the City Council and recorded prior to or concurrent with the recording of the final plat for the Conservation Residential Subdivision.
- B. Terms and Conditions. All conservation easements, or other acceptable method of protection and preservation of the conservation land within a Conservation Residential Subdivision, shall be in substantially the same form as the standard conservation easement form provided by the City and shall include, at a minimum, the following terms and/or conditions:
  - 1. legal description of the easement;
  - 2. description of the current use and condition of the property;
  - 3. permanent duration of easement;
  - 4. permitted and conditional uses;
  - 5. prohibited development and/or uses;
  - 6. maintenance responsibilities and duties; and
  - 7. enforcement rights and procedures.

C. Grantee. Unless otherwise approved by the City Council, the grantee of a conservation easement shall consist of one of the following acceptable entities which entity shall be qualified to maintain and enforce such conservation easement: land trust, conservation organization or governmental entity. The City may, but shall not be required to, accept, as grantee, a Conservation Easement encumbering conservation lands within a Conservation Residential Subdivision, provided there is no cost of acquisition to the City for the easement and sufficient access to and maintenance responsibilities regarding the conservation land are provided.

# 10-18-16 Ownership of Conservation Lands.

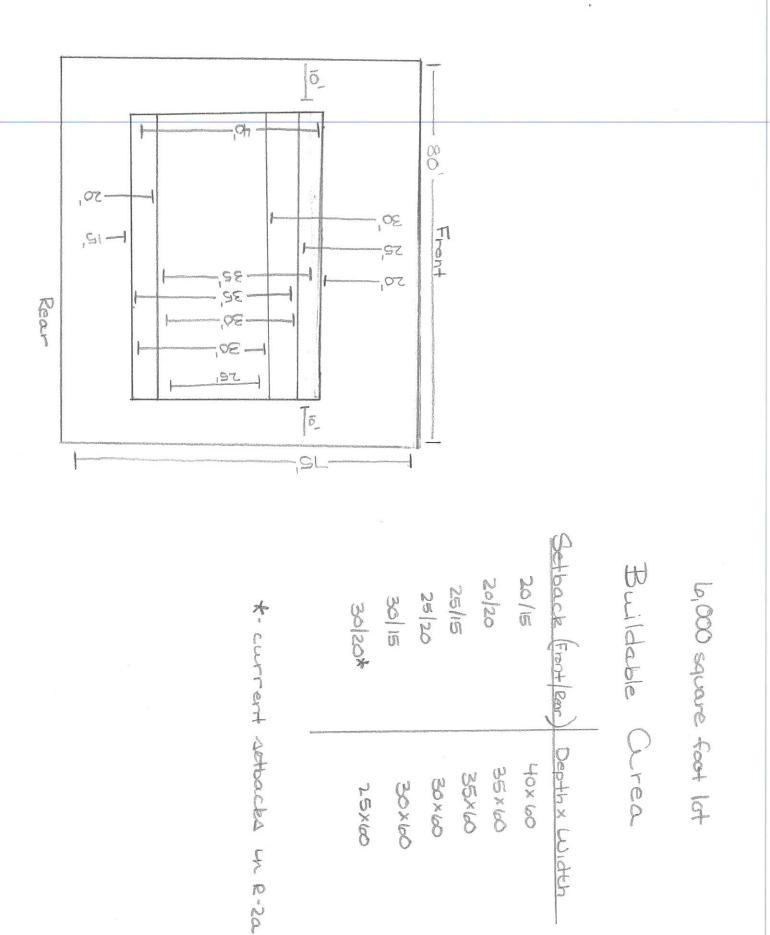
- A. Undivided Ownership. Unless otherwise approved by the City and subject to the provisions set forth in this Chapter, the underlying fee ownership of the conservation land shall remain in single ownership and may be owned and maintained by one of the following entities: homeowners' association, land trust, conservation organization, governmental entity, or private individual.
- B. Property subject to a conservation easement, or other acceptable method of protection and preservation, shall not be subdivided.
- C. Owners' Association. Conservation land may be held in common ownership by a condominium homeowners' or other acceptable owners' association, subject to all of the provisions for owners' associations set forth in State regulations and the City's Subdivision regulations. In addition, the following regulations shall be met:
  - 1. A description of the organization of the proposed association, including its by-laws, and all documents governing ownership, maintenance, and use restrictions for conservation land, including restrictive covenants for the Subdivision, shall be submitted by the developer with the Final Plat application.
  - 2. The proposed association shall be established and operating (with financial subsidization, if necessary) prior to or concurrent with the recording of the Final Plat for the Subdivision.
  - 3. Membership in the association shall be mandatory for all purchasers of property within the Subdivision and their successors in title.
  - 4. The association shall be responsible for maintenance and insurance of conservation land.
  - 5. The by-laws of the association and restrictive covenants for the Subdivision shall confer legal authority on the association to place a lien on the real property of any member who falls delinquent in dues. Such dues shall be paid with the accrued interest before the lien may be lifted.

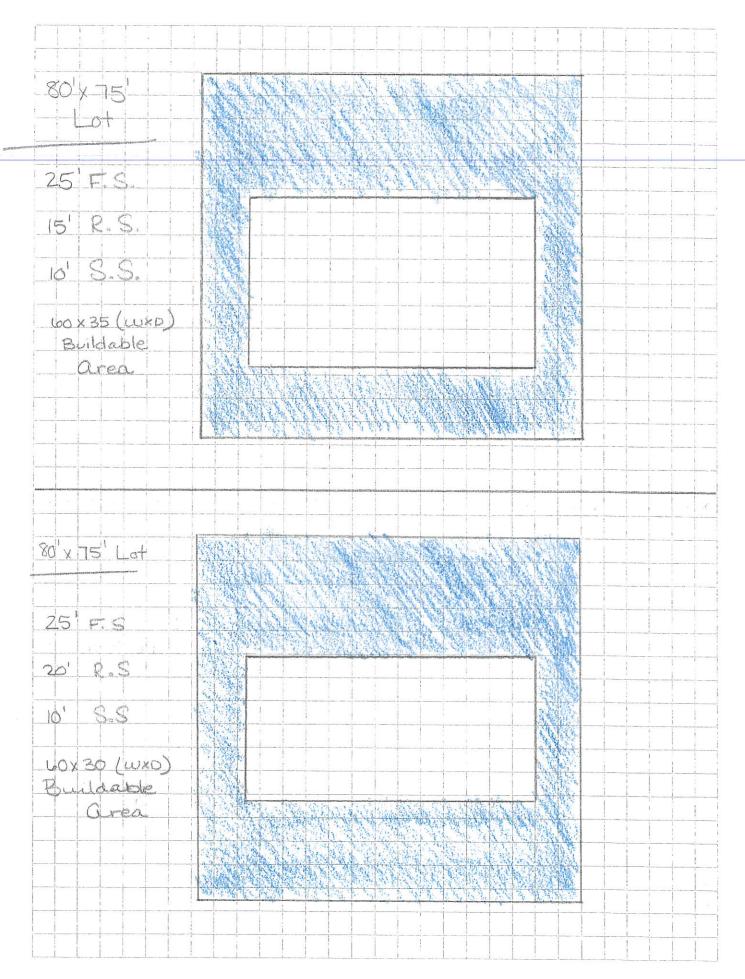
- 6. Written notice of any proposed transfer of conservation land by the association or the assumption of maintenance for the conservation land must be given to all members of the association and to the City no less than thirty (30) days prior to such event.
- 7. The association shall have adequate staff to administer, maintain, and operate such conservation land.

## 10-18-17 Development and Maintenance of Conservation Lands.

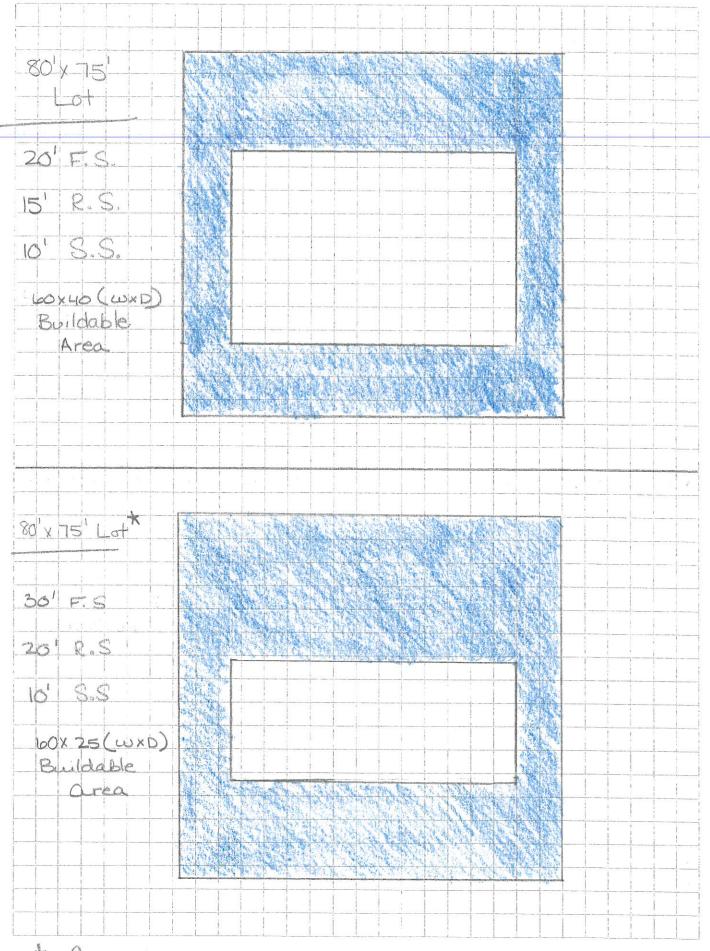
- A. Costs. Unless otherwise agreed to by the City, the cost and responsibility of maintaining conservation land shall be borne by the owner of the underlying fee of the conservation land.
- B. Plan. Each stage of required approval of a Conservation Residential Subdivision, developers shall submit an Open Space Development Plan, with increasing levels of detail.
  - 1. At the concept plan stage, the developer shall submit a brief written plan for development, ownership and management of the open space, including conceptual landscape plans, and options for amenities.
  - 2. As part of the preliminary plat approval, developers shall submit a detailed Open Space Development Plan, outlining landscaping, maintenance and operations of the conservation land and providing for and addressing the means for permanent maintenance of the conservation land within the proposed Conservation Residential Subdivision with the Preliminary Plat application for the Subdivision. Schematics for the landscaping shall be included with the preliminary Open Space Development Plan.
  - 3. As part of final plat approval, developers shall submit an Open Space Development Plan which, in addition to the items required of the preliminary Open Space Development Plan, shall include the following items:
    - a. The Plan shall define ownership.
    - b. The Plan shall establish necessary regular and periodic operation and maintenance responsibilities for the various kinds of open space (e.g., lawns, playing fields, meadow, pasture, wetlands, stream corridors, hillsides, cropland, woodlands, etc.).
    - c. The Plan shall estimate staffing needs, insurance requirements, and associated costs, and define the means for funding the maintenance of the conservation land and operation of any common facilities on an on-going basis. Such funding plan shall include the means for funding long-term capital improvements as well as regular yearly operating and maintenance costs.
    - d. At the City's discretion, the applicant may be required to escrow sufficient funds for the maintenance and operation costs of common facilities for up to one year following acceptance by the City.

- C. Approval. The Maintenance Plan must be approved by the City Council prior to or concurrent with Final Plat approval for the Subdivision. The Maintenance Plan shall be recorded against the property and shall include provisions for the City's corrective action rights as set forth herein. Any changes or amendments to the Maintenance Plan shall be approved by the City Council.
- D. Failure to Maintain. In the event that the organization established to maintain the conservation land and the common facilities, or any successor organization thereto, fails to maintain all or any portion thereof in reasonable order and condition, the City may assume responsibility, as a right but not an obligation, for maintenance, in which case any escrow funds may be forfeited and any permits may be revoked or suspended.
- E. Corrective Action. The City may enter the premises and take corrective action, including extended maintenance. The costs of such corrective action may be charged to the property owner and may include administrative costs and penalties. Such costs shall become a lien on said properties. Notice of such lien shall be filed by the City in the County Recorder's office. The Maintenance Plan and all other documents creating or establishing any association or conservation organization for the property shall reference the City's corrective action authority set forth herein and shall be recorded against the property.
- F. The developer shall fund implementation and maintenance of the conservation easement until such time as the control of the easement is transferred to the long-term manager. The developer shall address implementation, development, maintenance and transfer procedures in the Sensitive Area Designation Plan Map or Master Development Plan, as applicable





al ser en la la la ser en la s



k- Current R-2a setbacks