# TOWN OF MOUNTAIN VILLAGE SPECIAL DESIGN REVIEW BOARD MEETING AGENDA

## THURSDAY FEBRUARY 11, 2021 1:00 PM MOUNTAIN VILLAGE TOWN HALL

## 455 MOUNTAIN VILLAGE BLVD, MOUNTAIN VILLAGE, COLORADO

TO BE HELD https://us02web.zoom.us/j/88366686903?pwd=cVVJN0lPalhNVUt0M3NVdml3SkFkUT09

### (see login details below)

	Time	Min.	Presenter	Туре	
1.	1:00 PM		Chair		Call to Order
2.	1:00	60	Miller Applicant	Quasi-Judicial/ Review and Recommendation	Consideration of a Design Review: Initial Architecture and Site Review for a new Single-Family residence on Lot 165, Unit 6, 160 Cortina Drive, pursuant to CDC section 17.4.11. Concurrent review and recommendation to Town Council regarding a variance request for Building Height and Average Building Height pursuant to CDC section 17.4.16. Continued from February 4, 2021 DRB Meeting
3.	2:00		Chair		Adjourn

Topic: February 11, 2021 Special DRB Meeting Time: Feb 11, 2021 1:00 PM Mountain Time (US and Canada)

Join Zoom Meeting

https://us02web.zoom.us/j/88366686903?pwd=cVVJN0IPalhNVUt0M3NVdml3SkFkUT09

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Consistent with Resolution No. 2020-0514-10 regarding virtual (electronic) meetings, written testimony shall be submitted to <a href="mailto:cd@mtnvillage.org">cd@mtnvillage.org</a> and must be received no later than 48 hours prior to the public hearing. Oral testimony, for those wishing to testify, must register by sending an email to <a href="mailto:cd@mtnvillage.org">cd@mtnvillage.org</a> at least one hour prior to the agenized hearing.

Please note that this Agenda is subject to change. (Times are approximate and subject to change)
455 Mountain Village Blvd., Suite A, Mountain Village, Colorado 81435
Phone: (970) 369-8242
Fax: (970) 728-4342



# AGENDA ITEM 2 PLANNING & DEVELOPMENT SERVICE PLANNING DIVISON

455 Mountain Village Blvd. Mountain Village, CO 81435 (970) 728-1392

TO: Mountain Village Design Review Board

**FROM:** John Miller, Senior Planner

FOR: Special Design Review Board Public Hearing; February 11, 2021

(continued from February 4, 2021)

**DATE:** February 9, 2021

RE: Initial Architecture and Site Review for a new Single-Family detached

condominium on Lot 165, Unit 6, 160 Cortina Drive, pursuant to CDC section 17.4.11. Concurrent review and recommendation to Town Council regarding a variance request for Building Height and Average Building

Height pursuant to CDC section 17.4.16.

### **APPLICATION OVERVIEW:**

#### **PROJECT GEOGRAPHY**

Legal Description: UNIT 6 CORTINA LAND CONDOMINIUMS ACC TO THE MAP OF

THE CORTINA LAND CONDOMINIUMS A COLORADO COMMON INTEREST COMMUNITY LOT 165 TOWN OF MOUNTAIN VILLAGE REC NOV 30 2004 PL 1 PG 3400 THRU 3401 AND ALSO ACC TO THE DECLARATION REC NOV 30 2004

AT REC NO 370697

Address: 160 Cortina Drive

**Applicant/Agent:** Jamie Daugaard, Centre Sky Architecture **Owner:** Silver Glade Development Company

Zoning: Multi-Family

Existing Use: Vacant

Proposed Use: Multi-Family Lot Size: 0.27 Acres

#### **Adjacent Land Uses:**

North: Multi-Family
 South: Multi-Family
 East: Multi-Family
 West: Multi-Family

#### **ATTACHMENTS**

Exhibit A: ApplicationExhibit B: Plan Set

• Exhibit C: Public Comments



Figure 1: Vicinity Map

<u>Case Summary:</u> Jamie Daugaard of Centre Sky Architecture (Applicant), working on behalf of the Silver Glade Development Company (Owner), is requesting the Design Review Board (DRB) approval of an Initial Architectural and Site Review (IASR) Application for a new single-family detached condominium at Lot 165, Unit 6 – 160 Cortina Drive. In addition to the Design Review, the DRB is providing a concurrent review and recommendation to the Town Council regarding a requested Variance to the CDC provisions for building height. The Lot is approximately 0.27 acres and is zoned Multi-Family (Detached Condominium) with the overall square footage of the home being approximately 7,510.9 gross square feet. The applicant has provided all the required materials for the IASR for the proposed home.

#### **Case History**

- December 17, 2020 a special DRB worksesion regarding design and the height Variance request.
- February 4, 2021 Initial Architecture and Design Review and Height Variance recommendation. Continued to a special February 11, 2021 DRB meeting.
- February 11, 2021 a special DRB meeting for the continued Initial and Architectural Design Review
- February 18, 2021 Town Council consideration of the Variance
- TBD Final Architectural Review by the Design Review Board

It should be noted that staff has highlighted specific text within the staff memo in order to call out changes from the February 4, 2021 Public Hearing Memo.

<u>History and Existing Conditions:</u> Lot 165-6 is located within the Cortina Land Condominiums (Cortina) along San Joaquin Road between the existing Cassidy Ridge and Winterleaf developments. When approved, a total of 22 Condominium Units and 3 Parcels (A, B, and C) originally designated as a General Common Element of the land condos were approved by the Town. Subsequent to the creation of the common interest community, Units 18 and 19 were replatted into Unit 18R to allow for the development of a Multi-family project on Units 17R, 18R, 20, and Parcel A (later identified as Unit 23). The remainder of the Lots within Cortina are designated for single-family detached homes. A large number of the Units within Cortina face topographical issues such as steep forested slopes with difficult access.

Unit 6 is entirely forested with approximately 95% of the unit over 30% slope. Units 5 and 6 were originally accessed by a driveway easement established when Cortina was created. This easement was later modified and expanded to allow additional access for Units 7 and 8. Additionally, it appears there may be design variations proposed and discussed below in which the DRB should provide comments related to their appropriateness.

**Applicable CDC Requirement Analysis:** The applicable requirements cited may not be exhaustive or all-inclusive. The applicant is required to follow all requirements even if an applicable section of the CDC is not cited. **Please note that Staff comments will be indicated by Italicized Text**.

Table 1

CDC Provision	Requirement	Proposed 2/4/2021 plan set	Proposed as Revised
Maximum Building Height	35' (shed)	<mark>55'-4"</mark>	<mark>50'-9"**</mark>
Maximum Avg. Building Height	30' (shed)	32'-10"	<mark>31'-6"**</mark>
Maximum Lot Coverage	40% Maximum	39%	39%
General Easement Setbacks	16 Foot Setback		
	(No GE)		
Roof Pitch			
Primary		1:12	1:12
Secondary		Flat	Flat
Exterior Material**			
Stone	35% minimum	35.4%	35.4%
Windows/Doors	40% maximum	31.4%	31.4%
Parking	1 enclosed / 1	1/1	1/1
	exterior		

### Design Review Board Specific Approval:

1. Parking Requirements - Section 17.5.8(C)

## Chapter 17.3: ZONING AND LAND USE REGULATIONS 17.3.12: Building Height Limits

Sections 17.3.11 and 17.3.12 of the CDC provide the methods for measuring Building Height and Average Building Height, along with providing the height allowances for specific types of buildings based on their architectural form. The proposed design incorporates shed roof forms limited to 35 feet. The maximum average height must be at or below 30 feet for shed roof forms. The average height is an average of measurements from a point halfway between the roof ridge and eave. The points are generally every 20 feet around the roof. The maximum height is measured from the highest point on a roof directly down to the existing grade or finished grade, whichever is more restrictive.

Staff: The DRB generally weighed in on the variance request during a December Work Session in which they suggested that although the variance request seems reasonable in theory due to the topography of the site, the overall original variance request of 56'-4" (+21'-4") was excessive. Based on this the plans were revised and at the February 4, 2021 DRB Hearing, the DRB provided additional feedback and continued the item based on the fact that they felt the request of a maximum building height of 55'-4" (+20'-4") was still excessive and directed the applicant to try reducing the massing and heights of the home in a way they felt was more in line with the intent of the CDC and the variance provisions.

As such, the applicants have again updated their plans to reduce both the Maximum Building Height as well as the Average Building Height. Based on the heights provided as part of the updated documents, the maximum building height as proposed is now at 50'-9" (+15'-9") from the highest ridge to the grade below and the maximum average building height is shown at 31'-6" (+1'-6"). As part of the height analysis and variance request, the

<sup>\*\*</sup>These items will require Town Council approval of a Variance

applicant has provided a parallel plane graphic demonstrating the portions of the home penetrating the 35-foot parallel slope height allowance for shed roof forms. Because the heights exceed the CDC requirements, the applicant will be required to obtain Town Council approval of a variance to allow for these requests.

Based on the attached plan set, it appears that the design was reduced by approximately five feet from the February 4, 2021 hearing for a total of 50'-9" rather than 55'-4". Staff will discuss this request in more detail below under the provisions related the criteria for variance approval. If the DRB determines the height appropriate, then there shall be a condition of approval which shall require a survey prior to framing inspections in order to demonstrate compliance with maximum heights.

#### 17.3.14: General Easement Setbacks

Lot 165 Unit 6 is burdened by a sixteen (16) foot setback that surrounds its building envelope. The CDC provides that the GE and other setbacks be maintained in a natural, undisturbed state to provide buffering to surrounding land uses. The CDC does provide for some development activity within the GE and setbacks such as Ski Access, Utilities, Address Monuments, and Fire Mitigation. At the December work session, the DRB suggested that the applicant attempt to remove structural elements from the setback, and it appears that they have largely accomplished this based on the attached site plan.

Staff: The proposal includes several setback encroachments that fall into the above category of permitted setback development activity including the following:

- Driveway: The area of the front setback serves not only as the driveway for unit 6 but also for units 7 and 8. This area has been legally encumbered and is limited in its overall use.
- Utilities: Utilities will be required to cross the setback areas due to existing locations of Sewer, Water, and Shallow Utilities as shown on the Utility Plan.

The proposal also includes GE encroachments that do not fall into the above category of permitted GE development activity:

- Landscaping: Due to the steepness of the lot, the applicant has proposed a rip-rap lined swale to capture stormwater between Units 5 and 6. This landscaping should be minimal in nature. Additional drainage is shown between Units 6 and 7 in what appears to be a drain for the metal grate in front of the garage.
- In addition, the applicant has proposed minor grading and landscaping to occur between the setback of Units 6 and 7. The DRB will need to weigh in on the appropriateness of these requests. As shown, the grading between Units 6 and 7 appears to be shown for the development of both Lots and it may be helpful to show only how the grading relates to Unit 6 independently as there is currently no design review in progress for Unit 7 and its assumed Unit 6 will be developed independently from Unit 7.

It should be noted that regardless of the encroachment, the DRB can waive the GE setback or other setbacks and allow for prohibited activities if it is determined that the applicant has demonstrated hardship and mitigated off-site impacts. Any foundation walls that are within 5' of setback will require a footer survey before pouring concrete to ensure there are no additional encroachments into the setback area.

#### **Chapter 17.5: DESIGN REGULATIONS**

#### 17.5.4: Town Design Theme

The Town of Mountain Village has established design themes aimed at creating a strong image and sense of place for the community. Due to the fragile high alpine environment, architecture and landscaping shall be respectful and responsive to the tradition of alpine design – reflecting elements of alpine regions while blending influences that visually tie the town to mountain buildings. The town recognizes that architecture will continue to evolve and create a regionally unique mountain vernacular, but these evolutions must continue to embrace nature and traditional style in a way that respects the design context of the neighborhoods surrounding the site.

Staff: The CDC provides design theme characteristics that attempt to link existing and new architecture throughout the Mountain Village. The home can be categorized as a contemporary mountain modern design that incorporates the traditional materials used throughout the Mountain Village vernacular. The design features several roof types such as sheds and flat roofs proposed for the garage. The applicant appears to address compliance with these provisions through the building's location, tree preservation, building materials, and overall form. The proposed massing of the structure and exterior materials largely reflects the contemporary rustic designs recently seen within the Town, incorporating a mix of contemporary shed roof forms, horizontal stone elements grounding the structure, and exterior horizontal wood that complements the overall lineal design of the home. The materials as proposed are rustic in style, intentionally designed to balance the modern shapes of the structure with the traditional mountain architectural elements of exterior wood, metal, and stone. It appears based on the applicant's submittal that the material palette for the project blends well with both the surrounding community, as well as the overall modern mountain vernacular.

### 17.5.5: Building Siting Design

The CDC requires that any proposed development blend into the existing landforms and vegetation.

Staff: Lot 165, Unit 6 is a 0.27-acre lot that slopes drastically from a high point along Cortina Drive down to the shared property line with Cassidy Ridge Condominiums. As shown in the attached survey work, approximately 95% of the site consists of slopes greater than 30%, and in order to develop the site, it appears impossible to not disturb these areas. With that, any development on this site would be difficult to blend into the existing landforms – a problem that staff feels is exacerbated by the requested building height variance and a large amount of fenestration on the north side of the home. This issue could potentially be alleviated by maintaining existing mature evergreen vegetation between the home and other existing land uses surrounding Cortina.

#### 17.5.6: Building Design

Staff: The CDC requires that building form and exterior wall forms portray a mass that is thick and strong with a heavy grounded foundation. In order to accomplish this, the applicant is proposing a horizontal rectangular cut deep creek 1 ½ Stone Veneer surrounding the foundation of the home. Additionally, the design calls for horizontal wood siding which appears to limit the feeling of the home projecting upwards given the overall height of the home.

At the February 4, 2021 Hearing, the DRB provided feedback that covered deck areas on the northeast side of the home could potentially be revised or reduced to limit the overall height at the most restrictive portion of the building site. As such, the applicants have removed the roof over this portion of the deck area, which has resulted in an approximate 5-foot reduction in the overall height of the home. Additionally, the removal of the roof area has resulted in a roof form that appears to be more broken up than the previous iteration, and there appears to be more relief in the massing of the home. Generally, it seems that the use of the stone-faced columns appear to make the piers associated with these deck areas seem much more grounded than they otherwise would in the absence of the stone base.

The home's exterior palette as shown in the material sheet of the submission appears to blend well, providing some contrast between the stone, metal, and wood. The garage door is called out as being faced with metal panels shown within the material list. The CDC allows for black and grey standing seam roofing materials and this appears to meet that requirement. The applicant's plans have references to snowmelt, but specific areas have not been delineated. It is anticipated that this home will have exterior snowmelt and before the final review, the applicant shall revise these plans to detail areas of exterior snowmelt and the associated square footages.

#### 17.5.7: Grading and Drainage Design

Staff: The applicant has provided a conceptual grading and drainage plan provided by Alpine Land Consulting, LLC. The proposal provides positive drainage for the residence as well as delineating disturbed areas including the driveway and areas surrounding the home. As required by the CDC, all disturbed areas are to have final grades of 2:1 or less, and these criteria appear to be met. As noted above, grading has been proposed within the setbacks between Units 6-7 and it would be preferable to understand how the development of Unit 6 and the associated grading is accomplished absent or independent of any grading on the undeveloped Unit 7.

## 17.5.8: Parking Regulations

Staff: The CDC requires all detached condominium developments to provide two parking spaces. The applicant has shown a total of 3 spaces, but the following items should be noted.

- 1. The CDC requires one interior space and one exterior space for a detached condominium. Although the plans show two interior spaces at 9'x18', the overall span of the entrance of the garage is only 18' which could limit the realistic ability for two cars to use the garage given the spacing between the two cars while parked. It may be preferable to simply demonstrate a single space inside in order to accurately describe the spacing of the garage.
- 2. Due to the location of the driveway easement for Units 7-8 and the positioning of the home, there is only room for one parallel exterior space. Although allowed by the CDC with specific approval by the DRB as tandem parking there could be additional concerns related to the ability for cars parked in the parallel spot and their ability to turn around to exit the drive.

There are additional design standards for parking within the CDC that are not being met as part of this proposal including the following (Section 17.5.8(C)):

- Garage Back Out requirements
- Access to Parking Spaces Each required parking space shall have unobstructed access from a road or alley or from an aisle or drive connecting with a road or alley

without requiring the movement of another vehicle unless the review authority approves tandem parking.

The DRB must determine this request appropriate and must grant a specific approval of the items listed above.

### 17.5.9: Landscaping Regulations

The applicant has provided not provided a landscaping plan at this time but will be required to provide this information prior to final review. As such, this plan shall address the Forestry provisions of the CDC concerning Wildfire Mitigation Zones and how the landscaping relates to the approved planting species types listed for Zone 1.

#### 17.5.11: Utilities

Staff: All utilities are currently located within proximity to the home. The applicant shall work with the Public Works Director before the final review to verify the specific locations of the connections for the home. The plan set shows the proposed connections and the locations of the proposed utilities based on field research.

### 17.5.12: Lighting Regulations

Staff: The applicant has not provided a lighting plan at this time but will be required to do so prior to submittal for final review. This shall include locations, cut-sheets, and photometric studies of the exterior fixtures.

#### 17.5.13: Sign Regulations

Staff: The applicant has indicated that the home will be addressed at a shared freestanding monument located at the beginning of the driveway as well as numbering located on the retaining wall of the home. The address numbering as shown in the plan set does not appear to be downlit, and more details should be provided surrounding the illumination of both the freestanding monument and the numbering on the retaining wall prior to final submittal.

#### **Chapter 17.6: SUPPLEMENTARY REGULATIONS**

#### 17.6.1: Environmental Regulations

Staff: Fire Mitigation and Forestry Management: Due to the size, steepness, and overall visibility of the lot, staff is requesting that the fire mitigation requirement be waived in its entirety.

Steep Slopes: Due to the unique location and topography of the site, staff believes that the applicant has worked to provide logical siting for the residence. Due to the extent of slopes over 30%, the design of the house at the top of the property is logical. The grading plan minimizes disturbance to steep slope areas by retaining walls. A Colorado PE has designed the civil plans for the development of the Site.

#### 17.6.6: Roads and Driveway Standards

Staff: Because of the location of the home and the nature of the shared drive for Units 6, 7, and 8 - there is effectively no driveway for Unit 6 other than the designated tandem exterior parking area directly outside of the garage. It would be helpful for the DRB to better understand the access easement and/or shared driveway and the applicant should provide a grade analysis from the point on Cortina Drive to Unit 6 in order to determine if there are any additional concerns as it relates to the Road and Driveway Standards.

#### 17.6.8: Solid Fuel Burning Device Regulations

Staff: The applicant has indicated that the proposed home does include fireplaces, and these are gas burning fixtures as required.

## Chapter 17.7: BUILDING REGULATIONS 17.7.19: Construction Mitigation

Staff: The applicant has not submitted a Construction Mitigation Plan as part of the IASR. Although not required for initial, there are a number of staff concerns at the site as it relates to construction mitigation for Unit 6, but more importantly the adjacent properties and homes. It should be noted that due to the unique location of the site, the applicant will need to develop access to the site prior to constructing the residence. As part of this, parking on site will be limited during the initial phase of the project. The contractor will be instructed to fence the site and any soil and or trees not to be removed will need to be protected throughout the project. Staff does have some concerns related to staging and offsite parking impacts, and it may be helpful to discuss additional mitigation steps such as neighborhood updates on the project as it transitions from design to construction.

#### **Variance Request:**

For the reasons listed above, the applicant has requested a Variance to both the Maximum Building Height requirements and the Average Building Height requirements. As proposed within the provided plans, the applicant is requesting a 15'-9" variance to the Maximum Building Height, and a 1'-6" variance to the Maximum Average Building Height. While staff does believe a variance request for Unit 6 may be appropriate, there are concerns that even with the reduced height of 50'-9" or +15'-9", the request is more than other projects seen in the Mountain Village. As mentioned previously, the most recently approved variance for a home was approximately 8 feet, and the DRB or Town Council has never reviewed a request of this magnitude in the past.

The current design of the home cannot be accomplished without this request being ultimately recommended by DRB and approved by Town Council. The CDC provides criteria for approval of a Variance within the CDC which has been addressed and provided by the applicant as part of this packet. The DRB will need to determine if they agree that these criteria have been met in their entirety in order to recommend approval of a variance to the Town Council.

## Chapter 17.4: DEVELOPMENT REVIEW PROCEDURES 17.5.16: Variance Procedure:

Staff has evaluated the following standards (1-8) as the criteria that must be met for Town Council to approve the variance:

 The strict application of the CDC regulations would result in exceptional and undue hardship upon the property owner in the development of property lot because of special circumstances applicable to the lot such as size, shape, topography, or other extraordinary or exceptional physical conditions;

Staff: Lot 165 Unit 6 is burdened by a number of constraints including the size and steepness of the site. The lot is relatively small at 0.27 acres and the majority of the site (95%) is steeply sloped in excess of 30%. In addition to the size and steepness, Unit 6 is limited by its building envelope and the existing driveway easement referenced above. With that, it's unclear to staff if the granting of this allowance would result in an exceptional or undue hardship on the property owner as it relates to the development of Unit 6. This Unit could still be developed absent this variance approval, although it would require a substantial re-design of the project. Alternatively, the

applicant could propose a modest variance request in order to better align with the existing development pattern of Cortina Drive. There are a number of extremely steep lots within the Mountain Village and staff does not believe this to be an exceptional or extraordinary condition that warrants the request as presented.

2. The variance can be granted without substantial detriment to the public health, safety, and welfare;

Staff: The variance as proposed could potentially impact public welfare through increased viewshed impacts relating to the massing of the home on the north elevation as seen from San Joaquin and adjacent properties. The variance request is large as it relates to previously approved variance requests in the Mountain Village and could set precedent for future building height variance requests for the undeveloped Cortina lots and elsewhere. The DRB must determine if this impact is in fact a substantial detriment.

3. The variance can be granted without substantial impairment of the intent of the CDC;

Staff: The intent of the CDC is to allow for guided uniform development based on standards applicable to each zoning designation. Although the topography of the site has created a unique circumstance for the owner, staff does not believe that the Variance procedures intend to allow for a single-family detached condominium to have the massing of a multi-family structure. It will be important for the DRB and Town Council to determine if this request is meeting the intent of the CDC as it relates to building heights, and more importantly the appropriateness of variance as it relates to the intent of the CDC.

4. Granting the variance does not constitute a grant of special privilege in excess of that enjoyed by other property owners in the same zoning district, such as without limitation, allowing for a larger home size or building height than those found in the same zone district;

Staff: At the December work session, the DRB requested more information relating to existing homes in Cortina. Staff has provided certain information for Units 11, 12, 13, 14, and 22 below as they relate to Unit 6. Please note that this information was taken from the previous DRB applications and approvals and could have changed slightly through the minor revision process which occurs after the DRB approval. These numbers should be considered approximate.

Unit #	Lot Size	Square Footage	Max Height
6	0.27 ac	7,510	50'-9"
11	0.21 ac	4,972	37'-9"
12	0.21 ac	6,546	34'-8.5"
13	0.21 ac	3,858	34'-6"
14	0.26 ac	7,197	39'-11"
22	0.44 ac	4,020	40-8.5"

Based on the above table, there appears to be a large differential in home square footage as well as overall height allowances, with Unit 6 being the largest size and height. In this case, staff believes that the home could be redesigned with a much smaller variance request that would allow for the design to be more in alignment with other property owners and developments within the Cortina Neighborhood. Given that

the height request and square footage is great than other developed lots in Cortina, granting a Variance of this magnitude could be viewed as granting special priviledge unless otherwise demonstrated by the applicant.

5. Reasonable use of the property is not otherwise available without granting of a variance, and the variance being granted is the minimum necessary to allow for reasonable use;

Staff: Staff does not believe that the owner's reasonable use of the property would be limited without the approval of this Variance. At the December work session and again at the February 4, 2021, Public Hearing, it was indicated that the DRB was generally comfortable with a variance due to the constraints of the site, but could not support a 20'-4" variance to the maximum building height standards. The DRB will need to determine if the revisions as provided showing a maximum height of 50'-9" (+15'-9") is the minimum necessary to allow for the reasonable use of the property. Generally architects have worked within the constraints of the CDC to design a home that steps up or back on steep lots, integrated shed forms, located massing away from the edges of the building, or otherwise designed in harmony with a slope in order to avoid height Variance requests by some degree. The DRB must determine whether preservation of the proposed design of the building is sufficient reason to grant a Variance and otherwise meets the eight criteria.

6. The lot for which the variance is being granted was not created in violation of Town regulations or Colorado State Statutes in effect at the time the lot was created;

Staff: The lot is within a legally created subdivision.

7. The variance is not solely based on economic hardship alone; and

Staff: The variance is being requested by the applicant due to topographical and geographical constraints of Lot 165, Unit 6.

8. The proposed variance meets all applicable Town regulations and standards unless a variance is sought for such regulations or standards.

Staff: The applicant has presented the reasoning as to why the maximum and average building height variance is required based on the unique site-specific constraints of the lot. Staff believes that this request meets all other applicable Town Regulations and Standards.

**Staff Recommendation:** The architectural design of this project is directly tied to the variance request and its approval by Town Council. In this instance, the DRB is providing a recommendation to the Town Council on the appropriateness of the variance request. If the DRB cannot determine that Criteria 1-8 listed above have been met in their entirety, then staff recommends the DRB recommend to Town Council denial of the Variance Request. Staff does not recommend the denial of the Initial Architectural Design Review at this point but rather recommends continuing that item until after the Town Council public hearing on February 18, 2021. If the DRB finds it preferable to continue the Design Review portion of this application until the Town Council rules on the Variance, that is also a potential option for this body – recognizing that the design is tied to the variance and any

Town Council future ruling may require the applicant re-submit for IASR. If that is the preferred path, staff recommends continuing the IASR and voting on the Variance request.

If the DRB does determine that the revisions to the design and height of the proposed home have met the intent of the Design Regulations as well as the criteria for approval of a Variance discussed above, the staff recommends approval of the IASR, and DRB recommendation of approval to Town Council for the Variance request for Maximum Building Height and Average Maximum Building Height.

#### **PROPOSED MOTIONS:**

Staff Note: It should be noted that reasons for approval or rejection should be stated in the findings of fact and motion.

### Motion to recommend denial of Variance Request:

"I move to recommend denial of the resolution approving a variance to increase the maximum building height to approximately 50 feet and nine inches (50'-9") and the Average Maximum Building Height to 31 feet 6 inches (31'-6") for Lot 165, Unit 6, based on the evidence provided within the Staff Memo of record dated February 9, 2021".

In addition to the above motion,

"I move to continue the Initial Architectural and Site Review for a new single-family detached condominium located at Lot 165, Unit 6, to [insert date certain] based on the evidence provided within the Staff Memo of record dated February 9, 2021.

### Motion to recommend approval of Variance Request, and approving an IASR:

"I move to recommend Town Council approve the resolution allowing a variance to increase the maximum building height to approximately 50 feet and nine inches (50'-9") and the Average Maximum Building Height to approximately 31 feet 6 inches (31'-6") for Lot 165, Unit 6, based on the evidence provided within the Staff Memo of record dated February 9, 2021".

In addition to the above motion, If the DRB deems this application to be appropriate for IASR approval, Staff requests said approval condition the items listed below in the suggested motion.

I move to approve the Initial Architectural and Site Review for a new detached single-family condominium located at Lot 165, Unit 6, based on the evidence provided within the Staff Report of record dated February 9, 2021, with the following Specific Approvals:

- 1) Tandem Parking.
- 2) Garage Back Out Requirements.

And, with the following conditions:

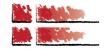
- 1) Prior to submittal for a Final Architectural Review, the applicant shall revise the proposed address monument so the method of downlit illumination is demonstrated.
- 2) Prior to the submittal for a Final Architectural Review, the applicant shall provide

- an updated landscaping plan demonstrating all requirements of the CDC.
- 3) Prior to the submittal for a Final Architectural Review, the applicant shall provide a detailed lighting plan to include specific fixture cut sheets, dimmer switch details, and a photometric study of the Lot demonstrating compliance with the CDC lighting standards.
- 4) Prior to submittal for Final Architectural Review, the civil engineering plans shall be updated to demonstrate the grading and drainage for Unit 6 independently of Unit 7. In addition, the driveway/accessway length, grades, and width shall be demonstrated.
- 5) Prior to the issuance of a building permit, the applicant shall field verify all utilities and submit a revised utility plan to the public works director identifying the location of utilities and connection points.
- 6) Consistent with town building codes, Unenclosed accessory structures attached to buildings with habitable spaces and projections, such as decks, shall be constructed as either non-combustible, heavy timber or exterior grade ignition resistant materials such as those listed as WUIC (Wildland Urban Interface Code) approved products.
- 7) A monumented land survey shall be prepared by a Colorado public land surveyor to establish the maximum building height and the maximum average building height.
- 8) A monumented land survey of the footers will be provided prior to pouring concrete to determine there are no additional encroachments into the setbacks.
- 9) Prior to the Building Division conducting the required framing inspection, a four-foot (4') by eight-foot (8') materials board will be erected on site consistent with the review authority approval to show:
  - a. The stone, setting pattern and any grouting with the minimum size of four feet (4') by four feet (4');
  - b. Wood that is stained in the approved color(s);
  - c. Any approved metal exterior material;
  - d. Roofing material(s); and
  - e. Any other approved exterior materials

/jjm



### 10125 RANCHO MONTECITO DRIVE PARKER COLORADO 80138 303.840.0020 303.840.2299 F



11 LONE PEAK DR #206; BOX 161488 BIG SKY MONTANA 59716 406.995.7572 406.995.7477 F

## T6 Project Narrative:

Located in Mountain Village, Unit 6 is a down sloping site off of Cortina Drive. The lot is heavily covered with fir, spruce and aspen trees. Unit 6 has great eastern sun exposure. It also has views of Mountain Village, and various peaks to the north east. Unit 6 is a ski in ski out lot and has a skier access easement on its western property boundary.

The proposed design for Unit 6 has a mountain modern architectural theme. Exterior materials include horizontal reclaimed wood siding, an ashlar stone layup, patina metal paneling, black window frames, and a grey standing seam roof. Public spaces of the Great Room, Grand Patio, Dining, and Ski room are pushed to the Northeast side of the site to take advantage of views. The garage is located closest to Cortina to allow for minimal grading and easy access. A lower level includes bedrooms, ski room, and family room that also face north east. Due to the home's small footprint & the steepness of the lot, a third, lowest level was designed that includes a mechanical room and bunk room.

Sincerely,

Jamie Daugaard, AIA, NCARB, LEED ap

Principal Architect-Centre Sky Architecture

10125 RANCHO MONTECITO DRIVE PARKER COLORADO 80138 303.840.0020 303.640.2299 F



11 LONE PEAK DR #206; BOX 161488 BIG SKY MONTANA 59716 406.995.7572 406.995.7477 F

#### T6 Variance Criteria

- A- The strict development application of the CDC regulations would result in exceptional and undue hardship upon the property owner in the development of property lot because of special circumstances applicable to the lot such as size, shape, topography, or other extraordinary or exceptional physical conditions.
  - a. The size, shape, topography, and other physical conditions such as the existing retaining wall & driveway on Unit 6 create extreme hardship on a very challenging site to build on. The topography on Unit 6 is exceptionally steep, especially working towards the southeast corner. Ninety-four percent of the buildable area is over 30% slope (see Exhibits A & B). Additionally, there is an existing 20'+ retaining wall along the south setback line that the home is required to be set back from for safety and future maintenance access. A shared driveway access takes the front setback area of the building, forcing the home to be pushed further back from the designated setback, and thus pushes the mass further downhill (See Exhibit C). The limited buildable area forces the home to be tight to the north and east property lines. The steep terrain and limited buildable area would not allow for a home with a main level to be constructed on this property without a height variance.
  - b. If we are held to height restrictions, the main level would need to move down 15-21 feet. This would force the current three-story home to become a two-story home. The home would also have to cut further into the hillside, decreasing natural light access & increasing excavation and structural complexities. The limited direct natural light access will create a larger usage and dependence on utilities.
- B- The variance can be granted without substantial detriment to the public health, safety, and welfare.
  - a. A height variance has no effect on the public health, safety, and welfare.
- C- The variance can be granted without substantial impairment of the intent of the CDC
  - a. This well-designed home responds to the topography, it will sit below the tree line, and will not impair any views of neighboring lots (see Exhibits D-G).
- D- Granting the Variance does not constitute a grand of special privilege in excess of that enjoyed by other property owners in the same zoning district, such as without limitation, allowing for a larger home size or building height than those found in the same zone district
  - a. Multiple height variances have been approved on neighboring lots. We expect more to be requested as Units 1-5 are developed. The steep terrain & limited buildable area will not allow for a functional home design that meets the height restrictions (see Exhibit H).
- E- Reasonable use of the property is not otherwise available without granting of a variance, and the variance being granted is the minimum necessary to allow for reasonable use.

- a. If a variance is not granted, the home must be constructed with only a garage/entry on the entry level, and stairs down to the main common areas of the home. This would be a dysfunctional home design and would inhibit the lot from being built out.
- b. The majority of home owners require a main level. Dropping the main level down to meet height requirements would add a vertical barrier to all users.
- c. The roof responds to the topography, with the lowest point of the roof above the lowest grade in the north east corner (see exhibit I). Anything more limiting would not allow for a reasonable main floor area that aligns the areas exceptional quality of homes (see Exhibit J). The mass of the home is also recessed on the north east corner of the home.
- F- The lot for which the variance is being granted was not created in violation of town regulations or Colorado State Statues in effect at the time the lot was created
- G- The variance is not solely based on economic hardship alone
  - a. Economic hardship is not a primary issue. The variance is requested to allow for a functional home design that will be a valuable asset to the community.
- H- The proposed variance meets all applicable Town regulations and standards unless a variance is sought for such regulations and standards
  - a. All other regulations are met

Sincerely,

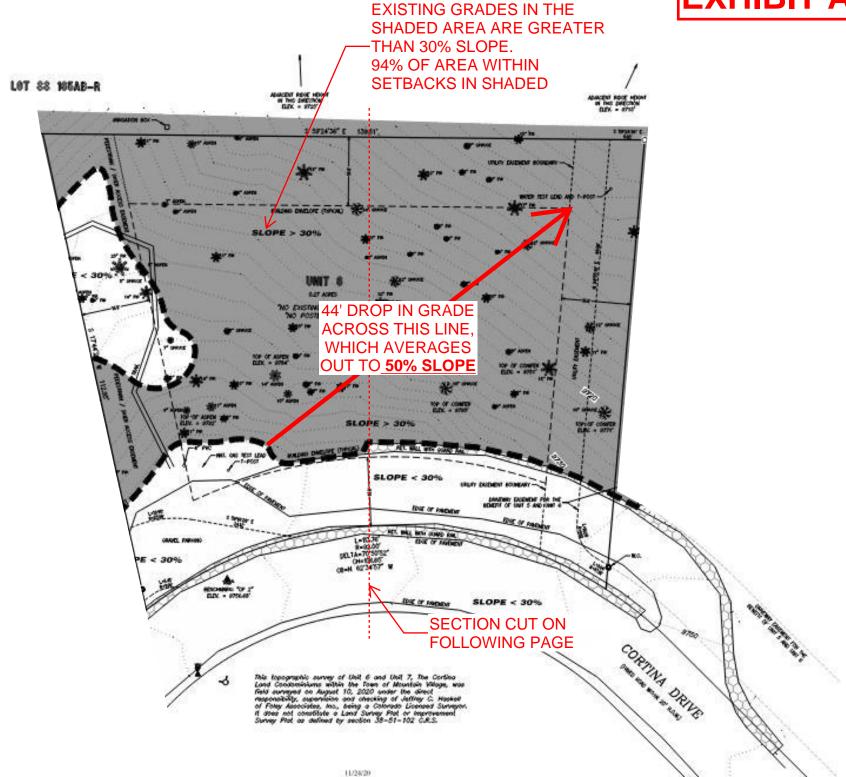
1. Day 1

Jamie Daugaard, AIA, NCARB, LEED ap

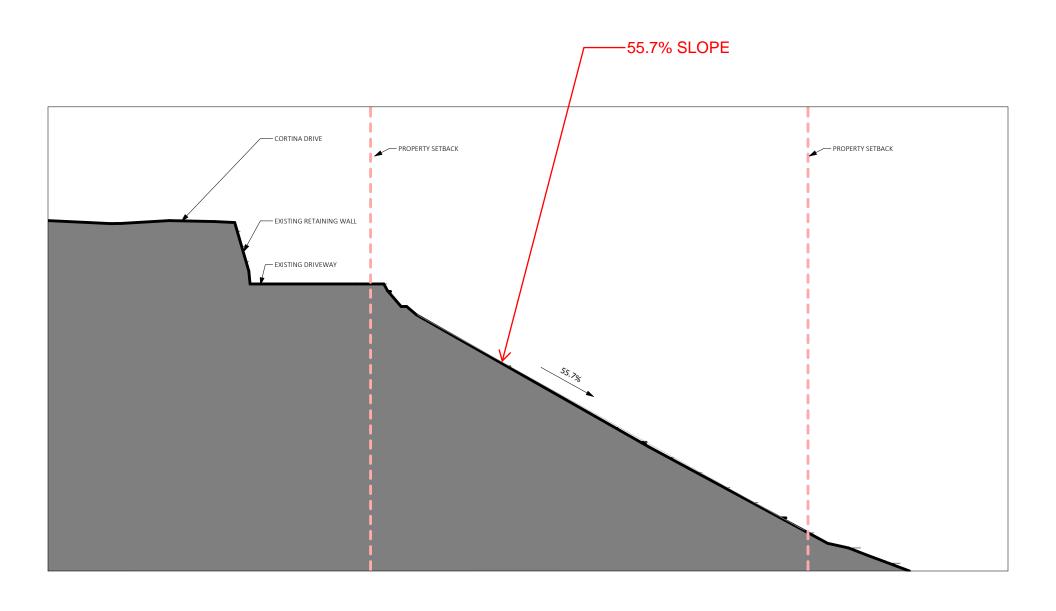
Principal Architect-Centre Sky Architecture

NATURE OF LOT - STEEP SLOPES



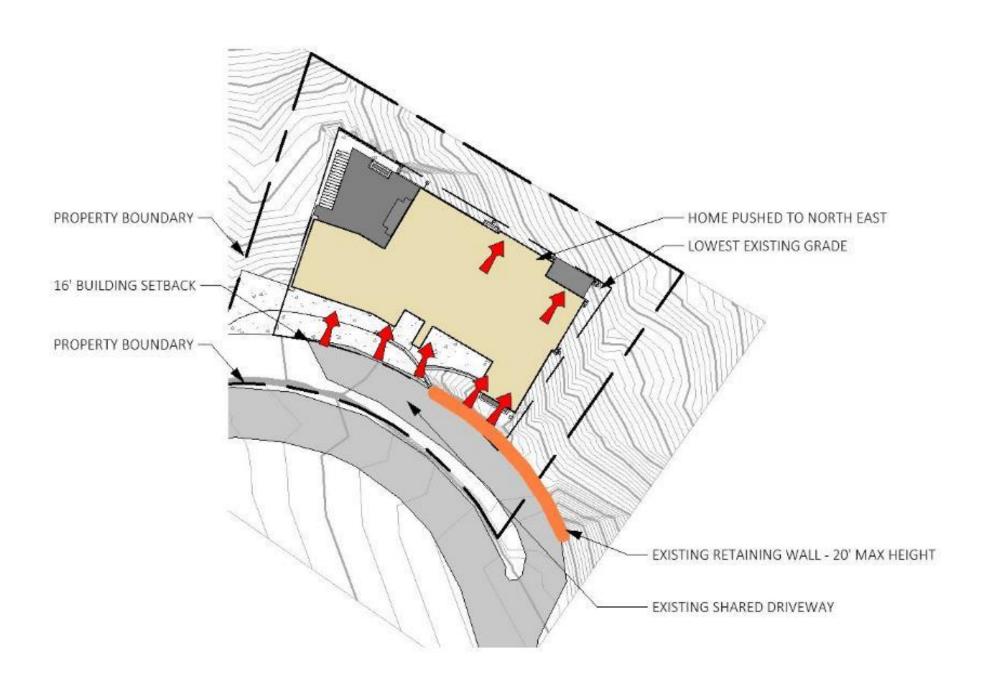






## NATURE OF LOT - ADDITIONAL LIMITING FACTORS



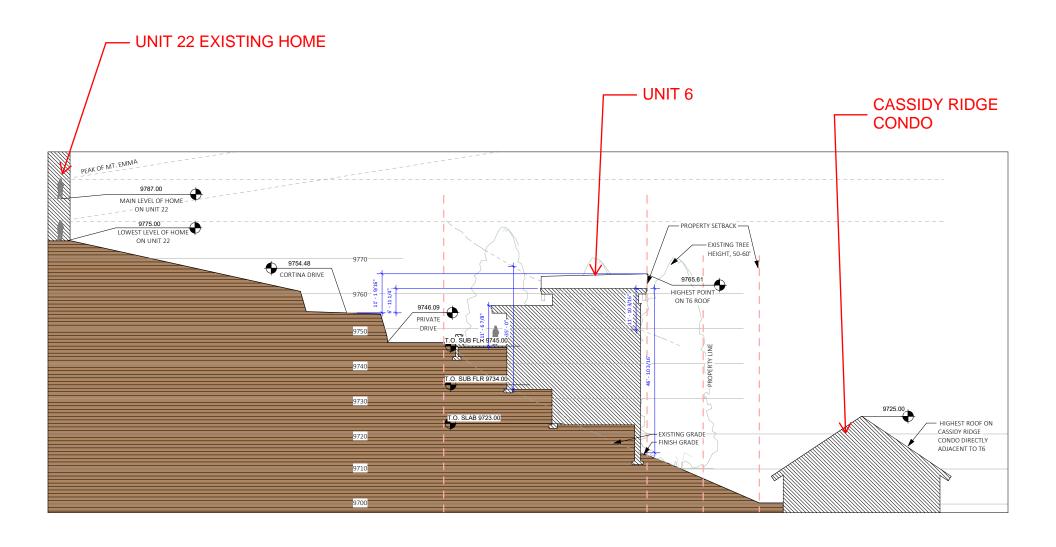


## NO AFFECT ON NEIGHBORING PROPERTIES



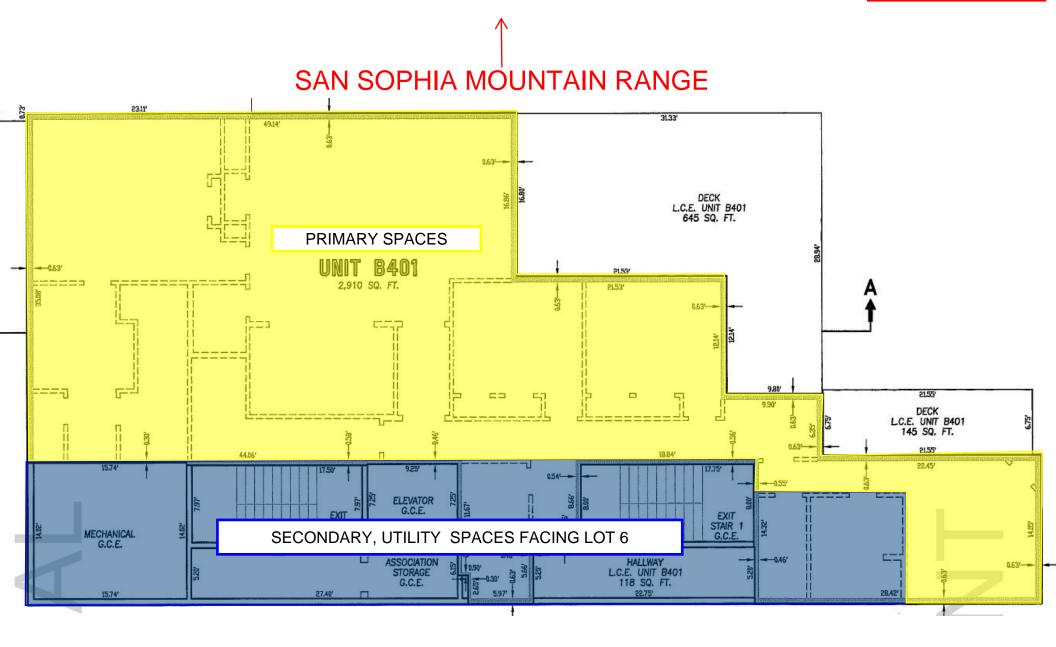
## NO AFFECT ON NEIGHBORING PROPERTIES:





## NO AFFECT ON NEIGHBORING PROPERTIES





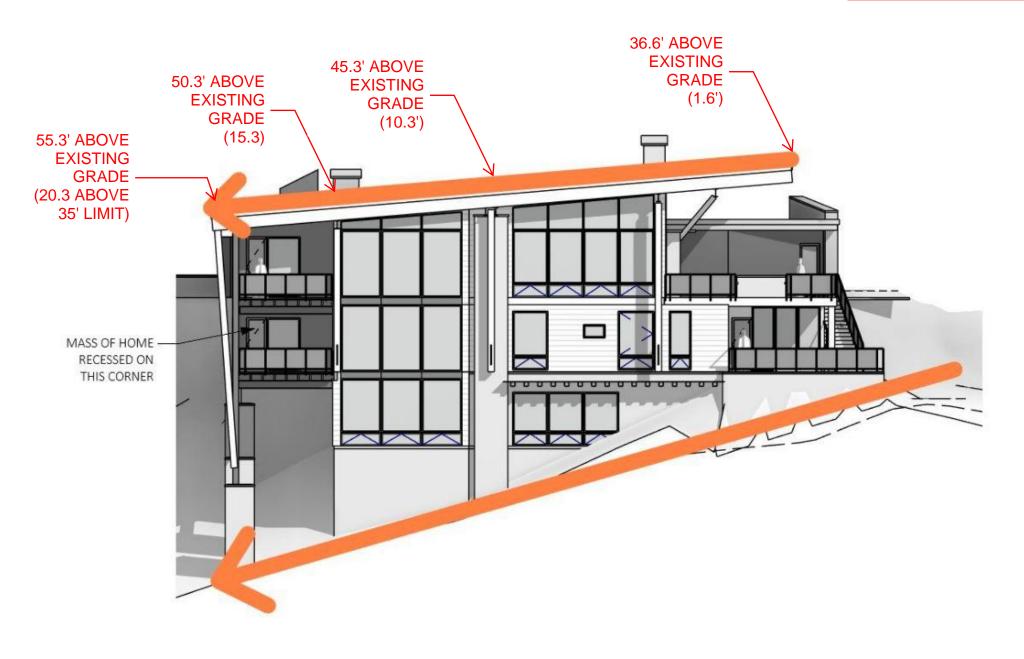
**UNIT 6** 



EXISTING CASSIDY RIDGE CONDO - TOP LEVEL

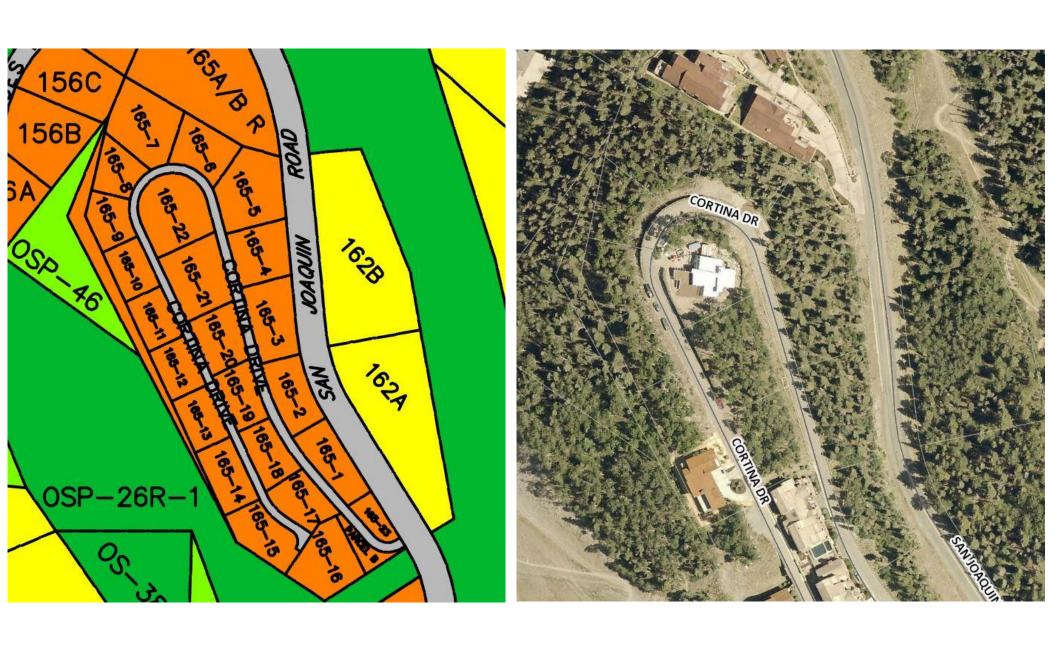
## DESIGN RESPONDS TO EXISTING TOPOGRAPHY

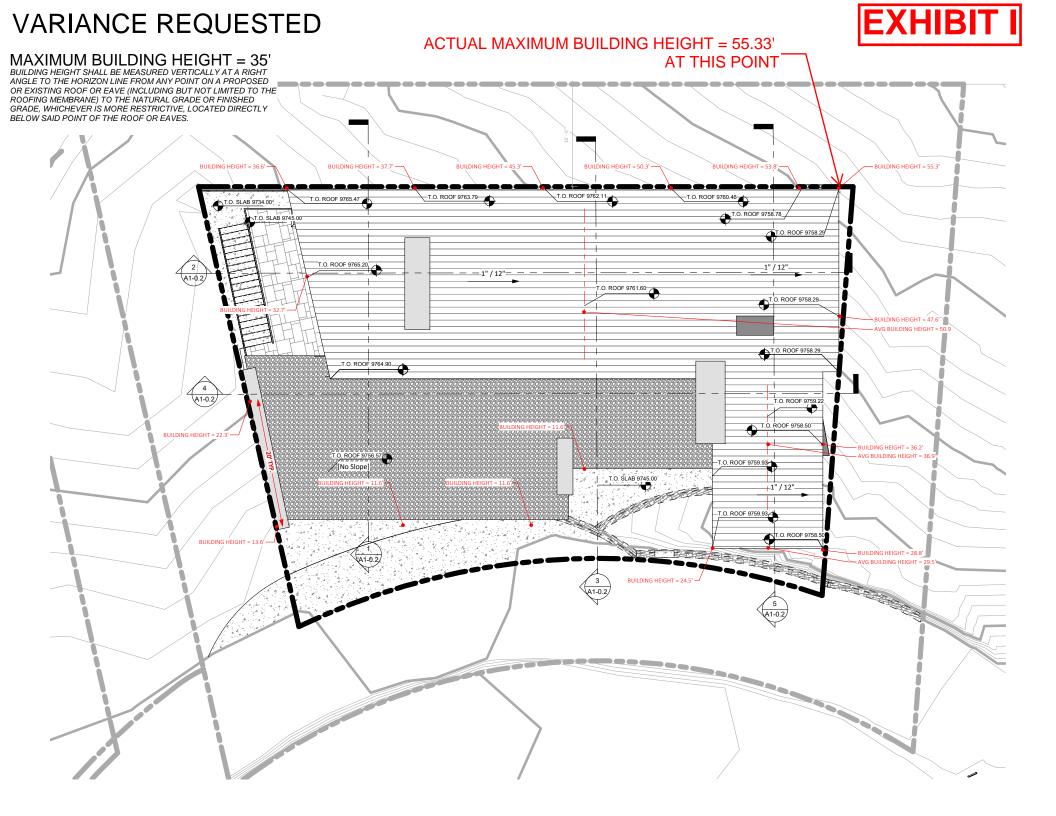




# FUTURE LOTS WITH SIMILAR SITE CONDITIONS: CORTINA UNITS 1-5







# DESIGNS OF HOMES THAT WOULD MEET HEIGHT VARIANCE THE APPLICATION WE WANT TO AVOID







## **DEACTIVATION OF STRUCTURE**





# TELLURIDE #6 TELLURIDE, CO 81435

■ CENTRE SKY ARCHITECTURE, LTD.

TYPE V NON RATED

REQUIRED - NFPA 13D

MOUNTAIN VILLAGE CDC

**REQUIRED-**

NON RATED

1-888-864-7311

TRAUTNER GEOTECH

COPIES AVAILABLE UPON REQUEST

Phone: (406) 995-7572 Fax: (406) 995-7477

TRAUTNER GEOTECH

E-mail: sara@centresky.com

Website: www.centresky.com

Jonathan Butler, P.E.

970-759-3113 (Cell)

95 North Henry St.,

970-529-2020 (Cortez)

649 Tech Center Dr.,

970-259-5095 (Durango)

CODE ANALYSIS

BEARING & NON-BEARING EXTERIOR WALLS: NON RATED

LOT COVERAGE

GARAGE SPACES, AND ACCESSIBLE UNFINISHED SPACE; DOES NOT

INCLUDE CRAWL SPACES, PATIOS AND DECKS.

SEWER:

FIRE DEPT:

TELEPHONE SERVICE:

FIRE DEPT. PHONE:

DEFENSIBLE SPACE:

GEOTECHNICAL REPORT:

UNDERGROUND UTILITY LOCATE:

OCCUPANCY:

IRRIGATION:

CONSTRUCTION TYPE:

FIRE SUPPRESSION:

ALLOWABLE FLOOR AREA

INTERIOR BEARING WALLS:

ZONING DISTRICT

STRUCTURAL FRAME:

Durango, Colorado

Cortez, Colorado

ARCHITECTURE

MICHAEL TALBOTT

heating

hardwood

knockout

length, angle

laboratory

laminate (d)

lineal feet

live load

include (d) (ing)

insulate (d) (ion)

heat/ventilate/air condition

international residential code

HWD

HVAC

PERF

perforate

perimeter

plate

plastic laminate

pounds per lineal feet

pounds per square foot

pounds per square inch

paper towel dispenser

polyvinyl chloride

plywood

riser, radius

rubber base

roof drain

refrigerator

reference

reflected ceiling plan

return air

CLIENT FINBRO CONSTRUCTION

> 70 Pilot Knob Lane Telluride, CO 81435

GENERAL CONTRACTOR

CIVIL ENGINEER

FEBRUARY 09, 2021 ■

FINBRO CONSTRUCTION

**F** COLORADO: 10125 RANCHO MONTECITO

CENTRE SKY

MONTANA: P.O. BOX 161488 11 LONE PEAK DR., UNIT 206 BIG SKY, MONTANA 59716

P 435.604.0891

www.centresky.com

CENTRE SKY ARCHITECTURE, LTD.

11 Lone Peak Dr. #206 10125 Rancho Montecito Drive P.O. Box 161488 Parker, CO. 80138 Phone: (303) 840-0020 Fax: (303) 840-2299 Big Sky, MT. 59716

13905 River GLen Ln. Prospect, KY 40059 Cell: (502) 415-2280 E-mail: mtalbott1@gmail.com

LUX WEST PROPERTIES

Bruce McIntyre Phone: (970) 729-0970 E-mail: brucem@luxwest.com

CLIENT REPRESENTATIVE

P.O. Box 234 Rico, CO 81332 Phone: (970) 708-0326 E-mail: gregg@alpinelandconsulting.com

VICINITY MAP

Website: alpinelandconsulting.com

ALPINE LAND CONSULTING, LLC.

INTERIOR

DESIGN

STIFF

STO

STR

stiffener

storage

structural

suspended

terra cotta

telephone thick (ness)

top of concrete

toilet paper dispenser

toilet paper holder

tongue and groove

uniform building code

underground electric

underwriters laboratory

unless noted otherwise

vinyl composition tile

trash compactor

top of steel

top of wall

tube steel

television

typical

vertical

vapor retarder

watercloset

wide flange

wire glass

wrought iron

waterproof (ing)

warming drawer

welded wire fabric

water supply

wood

window

west, wide, width

top of

tread

stacked ovens

GEOTECHNICAL ENGINEER

LUX WEST INTERIORS

327 E Colorado Ave. P.O. Box 1552 Telluride, CO 81435 Phone: (970) 728-8238 E-mail: barbara@luxwest.com

drawer

equal

exhaust

equipment

electric hand dryer

electric water cooler

expansion joint

■ INITIAL DESIGN REVIEW SUBMITTAL - REV 1

ABBREVIATIONS

above

STATE OF COLORADO - SAN MIGUEL COUNTY (970)728-3923 2018 INTERNATIONAL RESIDENTIAL CODE 2018 INTERNATIONAL PLUMBING CODE 2018 INTERNATIONAL MECHANICAL CODE 2018 FUEL GAS CODE 2018 INTERNATIONAL ENERGY CONSERVATION CODE 2020 NATIONAL ELECTRICAL CODE 2018 INTERNATIONAL FIRE CODE TOWN OF MOUNTAIN VILLAGE & SAN MIGUEL COUNTY CLASS-A ROOF CONSTRUCTION REQUIRED

REQUIRED 35' - 0" 50' 9" (15'9" VARIANCE REQUESTED) | 31' 6" (VARIANCE REQUESTED) ACTUAL 39% OF LOT AREA ANALYSIS PROJECT SQUARE FOOTAGE **EXTERIOR SQUARE FOOTAGE** SQUARE FOOT: LIVABLE FLOOR AREA AS MEASURED FROM EXTERIOR T.O. SUB FLR ROCK FACE OF STUD OR FACE OF CONCRETE WALL, INCLUDING THICKNESS OF O. SUB FLR EXTERIOR DECK ALL WALLS, INTERIOR AND EXTERIOR (EXCLUDING EXTERIOR FINISHES); O. SUB FLR EXTERIOR PATIO DOES NOT INCLUDE FIREPLACE BUMP-OUTS. MECHANICAL SPACES. T.O. SUB FLR LOWER LIVING 2788.1 SF GARAGE SPACES, AND UNFINISHED BASEMENT AND/OR ATTIC SPACE. T.O.SUB FLR MAIN LIVING 2395.3 SF O.SUB FLR MAIN EXTERIOR DECK 6555.5 SF GROSS SQUARE FOOT: TOTAL BUILDING AREA AS MEASURED FROM 569.5 SF O.SUB FLR MAIN EXTERIOR PATIO EXTERIOR DIMENSIONS INCLUDING THICKNESS OF ALL WALLS, INTERIOR O. SUB FLR ROCK AND EXTERIOR (EXCLUDING EXTERIOR FINISHES), MECHANICAL SPACES,

BUILDING DEPT:

BUILDING DEPT PHONE:

CODE JURISDICTION:

SHAFT ENCLOSURES:

ROOF/ROOF CEILING:

AVERAGE BUILDING HEIGHT

662.2 SF

955.4 SF

SITE INFORMATION DESIGN CRITERIA SAN MIGUEL POWER ASSOCIATION

O.SUB FLR MAIN

NON HABITABLE

MAXIMUM BUILDING HEIGHT

SEISMIC DESIGN CATEGORY: FROST DEPTH: SOURCE GAS - (970) 728-6141 SNOW LOADS: FOUNDATION STANDARD: TELLURIDE FIRE PROTECTION DISTRICT (970) 729-2411 CHIEF / INSPECTOR - J. CHEROSKE 30 FEET IS RECOMMENDED

90 MPH/3 SEC. GUST (VERIFY W/ STRUCTURAL ENG.) "C" (VERIFY WITH STRUCTURAL ENG.) MINIMUM 48" BELOW FINISH GRADE - PSF (VERIFY WITH STRUCTURAL ENGINEER) REFER TO STRUCTURAL DRAWINGS, GENERAL NOTES & FOUNDATION

autoclaved aerated concrete above finished floor ALUM ALT alternate ASPH asphalt air conditioning average BLDG BLKG bottom of bearing basement built up roofing catch basin corner guard cast iron control joint ceiling clear (ance) concrete masonry unit carbon monoxide alarm clean out column concrete CONST construction CONT continuous or continue CORR carpet (ed) casement ceramic tile clothes dryer clothes washer

double hung

dimension (s)

diameter

dead load

downspout

dish washer

detail

floor drain foundation fire extinguisher fire extinguisher cabinet finished floor elevation floor (ing) fluorescent feminine napkin dispenser feminine napkin vendor face of concrete face of masonry face of stud footing gage, gauge grab bar general contract garage door opener galvanized iron glass, glazing gypsum wall board drinking fountain gypsum headed anchor stud hose bibb hardboard hollow core handicap (ped)

horizontal

masonry MATL material (s) maximum medicine cabinet mechanic (al) metal manufacture (r) manhole minimum miscellaneous microlam molding, moulding MMB membrane masonry opening MOV mount (ed) (ing) microwave oven north natural not in contract NOM nominal not to scale on center (s) outside diameter overflow drain overhead hollow metal

range register reinforce (d) (ing) REQD revision (s), revised roofing rough opening right of way rough sawn refrigerator drawers smoke alarm supply air suspended acoustic grid solid core schedule storm drain section sheet sheathing similar sink soap dispense specification

speaker

square

standard

service sink

sanitary sewer

SPEC

angle centerline diameter perpendicular

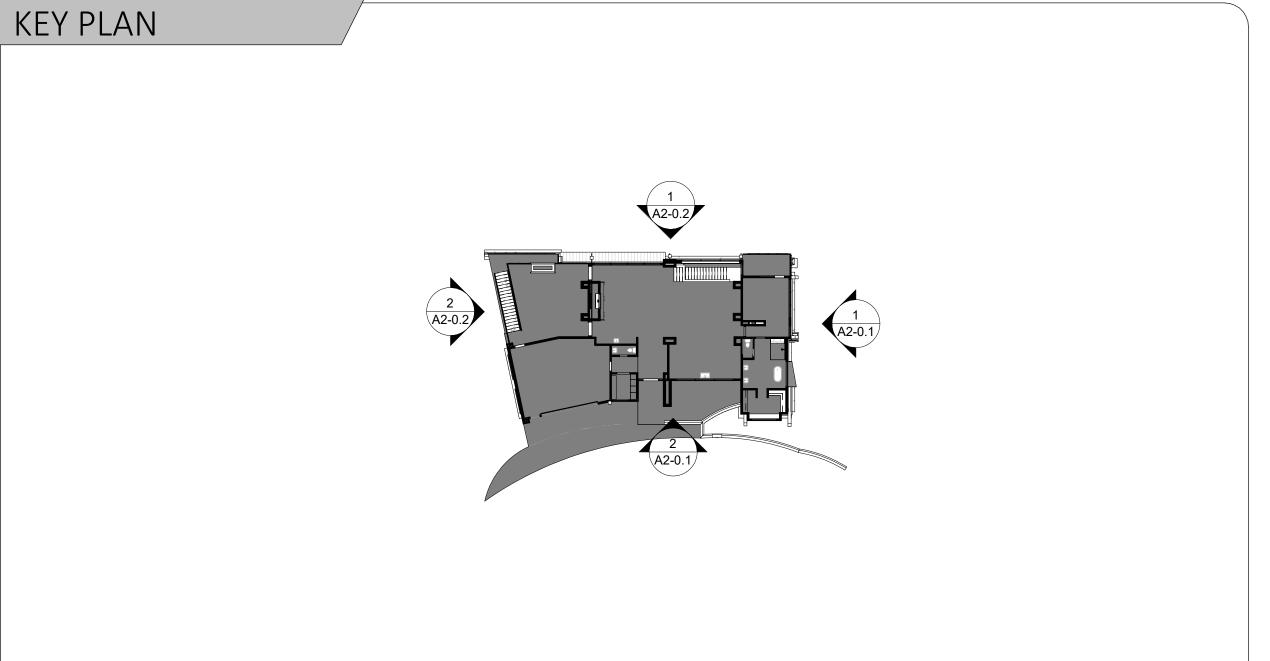
A1-0.2 SITE SECTIONS A1-0.3 SITE DETAILS A1-1.0 LOWER LEVEL PLAN A1-1.1 MAIN LEVEL PLAN A1-3.1 ROOF PLAN A1-3.2 ROOF PLAN & TOPO SURVE A2-0.1 EXTERIOR ELEVATIONS A2-0.2 EXTERIOR ELEVATIONS A3-0.2 BUILDING SECTIONS A3-0.6 BUILDING SECTIONS A3-0.7 BUILDING SECTIONS 3-3.2 STAIR PLANS SECTIONS & DETAILS INTERIOR ELEVATIONS EXTERIOR DETAILS

SAN JOAQUIN ROAD — PROJECT SITE -CORTINA DRIVE — LOWER SUNDANCE RUN — NOT TO SCALE

SHEET INDEX

AO-0.0 TITLE SHEET A0-0.1 GENERAL NOTES A0-0.3 MATERIAL SPECIFICATIONS C1-0.0 SURVEY C1-0.1 GRADING C1-0.2 DRAINAGE ARCHITECTURAL A1-0.1 ARCHITECTURAL SITE PLAN WINDOW SCHEDULE DOOR ELEVATIONS & SCHEDULE

GRAPHIC SYMBOLS **NEW CONCRETE** 100' - 0" POINT ELEVATION POINT ELEVATION DESCRIPTION \_\_\_\_ LINE OF ELEMENT ABOVE OR HIDDEN PUMICE-CRETE RAMMED EARTH RASTRA PANELS EXTERIOR ELEVATION MARKER TIMBER OR LOG ELEMENT **BUILDING SECTION &** DETAIL INDICATOR SECTION DETAIL MARKER INSULATION INTERIOR WALL ELEVATION MARKER SECTION DETAIL ROOM NUMBER 100 DOOR INDICATOR WALL TO BE REMOVED REVISION MARKER WINDOW TYPE EXISTING WALL TO REMAIN



opposite hand



DR. PARKER, COLORADO 80138 P 303.840.0020

P 406.995.7572

UTAH: 1960 SIDEWINDER DR., #101 PARK CITY, UTAH 84060

**NOT FOR CONSTRUCTION** 



TITLE SHEET

SHALL BE NOTIFIED IMMEDIATELY.

- ALL CONSTRUCTION INCLUDED UNDER THIS CONTRACT SHALL BE IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE & LOCAL CODES, STANDARDS, REGULATIONS, ORDINANCES, SPECIFICATIONS AND ANY APPLICABLE DESIGN OR ARCHITECTURAL REVIEW COMMITTEES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS APPLICABLE TO THIS
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SCHEDULING ONSITE REVIEWS BY BOTH THE GEOTECHNICAL ENGINEER AND STRUCTURAL ENGINEER AT THE APPROPRIATE CONSTRUCTION PHASE/S AS SET FORTH BY EACH SPECIALTY GENERAL CONTRACTOR/CONSTRUCTION MANAGER AS WELL AS SUB-CONTRACTORS SHALL BE FAMILIAR WITH & COMPLY TO ALL PROCEDURES SET FORTH BY FEDERAL, STATE, AND LOCAL GOVERNING AGENCIES IN THE CONSTRUCTION OF THIS PROJECT. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO FURNISH ALL AFFIDAVITS, CERTIFICATES, & REPORTS THAT MAY BE REQUIRED BY ANY & ALL AGENCIES INCLUDING ANY APPLICABLE DESIGN OR ARCHITECTURAL REVIEW COMMITTEES UPON REQUEST. ALL CONSTRUCTION DOCUMENTS ARE BASED ON THE ACCURACY OF THE EXISTING RECORD DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR /CONSTRUCTION MANAGER AND TRADE CONTRACTORS TO VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE INSTALLATION OF ANY NEW WORK OR DEMOLITION OF EXISTING CONSTRUCTION.
- INTERRUPTION OF EXISTING UTILITIES AND SERVICES AS NECESSARY MUST BE COORDINATED WITH THE OWNER'S REPRESENTATIVE WITH A MINIMUM OF 72 HOURS PRIOR NOTICE. THESE SERVICE INTERRUPTIONS INCLUDE BUT ARE NOT LIMITED TO; WATER, POWER, SANITARY SEWER, GAS, TELEPHONE, CABLE, ETC.

IF ANY DISCREPANCIES ARE FOUND BETWEEN THE EXISTING CONDITION AND THE CONSTRUCTION DOCUMENTS THE ARCHITECT

- CONTRACTORS SHALL COMPLY WITH ALL CONSTRUCTION DOCUMENTS, INCLUDING OUTLINE SPECIFICATIONS. <u>DO NOT SCALE</u> <u>DRAWINGS!</u> FOLLOW DIMENSIONS AS PER PLANS. NOTIFY ARCHITECT OF ANY CONFLICTS. SPECIFICATIONS AND DRAWINGS INDICATE FINISHED STRUCTURE. BUILDER SHALL BE RESPONSIBLE FOR CONSTRUCTION
- METHODS, PROCEDURES, AND CONDITIONS (INCLUDING SAFETY), EXCEPT AS SPECIFICALLY INDICATED OTHERWISE IN THE CONTRACT DOCUMENTS. CONTRACTORS AND SUB CONTRACTORS SHALL RIGIDLY ADHERE TO ALL LAWS, CODES, AND ORDINANCES WHICH APPLY TO THIS WORK. THEY SHALL NOTIFY AND RECEIVE CLARIFICATION FROM ARCHITECT IN WRITING OF ANY VARIATIONS BETWEEN CONTRACT
- DOCUMENTS AND GOVERNING REGULATIONS. PRIOR TO MATERIAL FABRICATION, SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR CONFORMANCE TO DESIGN. REFER TO NOTES BELOW ON "SHOP DRAWINGS" AS WELL AS STRUCTURAL ENGINEERS GENERAL NOTES FOR FURTHER INFORMATION. THE CHECKING OF SHOP DRAWINGS BY THE ARCHITECT OR ENGINEER IN NO WAY RELIEVES THE CONTRACTOR OF FULL RESPONSIBILITY FOR ACCURATE COMPLETION OF THE WORK AS DRAWN AND SPECIFIED.
- REQUIREMENTS, REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION. PROVIDE SCREEN WALL AT ALL EXTERIOR MECHANICAL EQUIPMENT. SCREEN WALL TO BE AT A MIN. HEIGHT OF 1'-0" ABOVE THE
- MECHANICAL EQUIPMENT, UNLESS NOTED OTHERWISE A RADON MITIGATION SYSTEM SHALL BE INSTALLED UNDER ALL CONCRETE SLABS

IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL WALL TYPES CONFORM TO STRUCTURAL SHEAR WALL

- GUARDRAILS ARE REQUIRED AT ANY LOCATION HAVING A VERTICAL DROP GREATER THAN 30 INCHES AND ARE TO BE 36" MINIMUM IN HEIGHT
- OPEN GUARDRAILS AND STAIR RAILINGS SHALL HAVE INTERMEDIATE RAILS OR AN ORNAMENTAL PATTERN SUCH THAT A SPHERE 4 INCHES IN DIAMETER CANNOT PASS THROUGH. INSTALL HANDRAILS AT ALL STAIRS HAVING MORE THAN TWO RISERS, UNLESS SHOWN OTHERWISE. HANDRAILS TO BE NOT LESS THAN 34 INCHES, NOR MORE THAN 38 INCHES ABOVE NOSING OF TREADS.
- CONCRETE SIDEWALKS TO HAVE 3/4" TOOLED JOINTS AT 5'-0" O.C. UNLESS NOTED OTHERWISE.
- ALL CONCRETE SLABS ON GRADE TO HAVE SLIP SHEETS INSTALLED BETWEEN SLAB AND SUBGRADE EVERY EFFORT IS MADE TO PROVIDE COMPLETE AND ACCURATE INFORMATION. IF THERE IS ANY CONFLICTING INFORMATION OR OMISSIONS IN THE WORKING DRAWINGS OR SUPPLEMENTAL DOCUMENTS, IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE ARCHITECT FOR A RESOLUTION.
- PROVIDE INSULATION AS FOLLOWS IN COMPLIANCE WITH 2012 IECC, SEE TABLE 402.1.1 FOR FULL DETAILS. R-49 MIN.
- WOOD FRAME WALL R-20 MIN. OR R-13 CAVITY INSULATION PLUS R-5 INSULATED SHEATHING. R-15 MIN. CONTINUOUS INSULATED SHEATHING ON THE INTERIOR OR EXTERIOR OF THE HOME; OR IF MASS WALL MORE THAN HALF OF THE INSULATION IS ON THE INTERIOR OF THE MASS WALL, R-19 MIN. CAVITY
- INSULATION AT THE INTERIOR OF THE BASEMENT WALL. R-30 MIN. R-15 MIN. CONTINUOUS INSULATED SHEATHING ON THE INTERIOR OR EXTERIOR OF THE HOME; OR IF **BASEMENT WALL** MORE THAN HALF OF THE INSULATION IS ON THE INTERIOR OF THE MASS WALL, R-19 CAVITY INSULATION AT THE INTERIOR OF THE BASEMENT WALL
- R-10 MIN. @ 4' DEPTH, R-5 SHALL BE ADDED TO THE REQUIRED SLAB EDGE R-VALUES FOR HEATED R-10 MIN. CONTINUOUS INSULATED SHEATHING ON THE INTERIOR OR EXTERIOR OF THE HOME OR CRAWL SPACE WALL R-13 CAVITY INSULATION AT THE INTERIOR OF THE BASEMENT WALL.
- THERMAL IMAGING TEST IS REQUIRED ONCE ALL INSULATION IS INSTALLED AND BEFORE DRYWALL OR OTHER WALL SURFACES ARE PLACED. TEST RESULTS SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW.
- BLOWER DOOR TEST IS REQUIRED ONCE ALL DOORS AND WINDOWS ARE INSTALLED. TEST RESULTS SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW. ACH50 TEST IS REQUIRED AND IS DEFINED AS THE NUMBER OF TIME THE AIR VOLUME IN A BUILDING CHANGES PER HOUR AT 50 PASCALS OF PRESSURE
  - <1.5 = VERY TIGHT (REQUIRES MECHANICAL VENTILATION)</p> - 1.5 TO 3 = TIGHT (REQUIRES MECHANICAL VENTILATION)
- 3 TO 6 = TYPICAL RANGE FOR NEW CONSTRUCTION (MAY REQUIRES MECHANICAL VENTILATION) - 10 TO 20 = VERY LEAKY
- MECHANICAL CONTRACTOR TO SUBMIT MECHANICAL EQUIPMENT LAYOUTS TO ARCHITECT FOR APPROVAL PRIOR TO IMPLEMENTATION
- THE REVIEW OF PLANS BY THE ARCHITECTURAL REVIEW COMMITTEE DOES NOT IMPLY THAT COMPLIANCE WITH FEDERAL. STATE AND OR LOCAL CODES HAVE BEEN MET. IT IS THE RESPONSIBILITY OF THE APPLICANT TO ENSURE COMPLIANCE WITH ANY AND ALL LAWS GOVERNING THE DEVELOPMENT OF PROPERTY
- G.C. SHALL SUBMIT WEEKLY DIGITAL PHOTOS OF THE PROJECT AT THE END OF EACH WEEK TO ARCHITECT & OWNER G.C. SHALL SUBMIT TO ARCHITECT AND OWNER AND OPERATIONS AND MAINTENANCE MANUALS INCLUDING BUT NOT LIMITED TO: TABLE OF CONTENTS, LIST OF CONTRACTORS AND SUB CONTRACTORS, SYSTEMS AND EQUIPMENT, AND EQUIPMENT AND
- OVERALL MAINTENANCE PROCEDURES. ALL PROPOSED ROOF PENETRATIONS SHALL BE COORDINATED BY GENERAL CONTRACTOR AND SUBMITTED TO ARCHITECT BEFORE
- CO DETECTORS SHOULD BE LOCATED OUTSIDE OF EACH SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS, AND ON EVERY LEVEL OF THE RESIDENCE. INCLUDING BASEMENTS AS APPLICABLE.
- A BENCH MARK OF 100'-0" SHALL BE ESTABLISHED AT CONSTRUCTION SITE HEADS OF SCREWS TO ALIGN VERTICALLY ON DOOR HARDWARE, ELECTRICAL OUTLET COVERS, ETC. PRO-VENT OR SIMILAR PRODUCT TO BE ADDED TO EXPOSED DUCT INTAKES IMMEDIATELY AFTER THEY ARE INSTALLED.
- IN WOOD FLOORING INSTALLATION OVER RADIANT HEAT, MODERATE SURFACE CHECKING, CRACKING, SHRINKAGE, GAPING BETWEEN PLANKS, AND SLIGHT CUPPING ARE ALL TO BE EXPECTED AND DO NOT CONSTITUTE A PRODUCT DEFECT
- ALL DIFFUSERS TO BE FLUSH WITH WOOD FLOORS PRIOR TO PROJECT HAND OFF, ALL WATER SENSORS ARE TO BE TESTED

## MECHANICAL SPECIFICATIONS

- DISCIPLINE COORDINATION MECHANICA

- BID/SUBMITTALS
- PLUMBING

## SITE MANAGEMENT NOTES

CONTRACTOR'S / SUBCONTRACTOR'S EXPENSE.

STRONGLY RECOMMENDED

## GENERAL NOTES

- BUILDING FOOTPRINT SHALL BE LOCATED BY A CERTIFIED SURVEYOR & TO BE REVIEWED AND APPROVED BY ARCHITECT BEFORE COMMENCING WORK.
- CONTRACTOR SHALL REMOVE ALL VEGETATION, TREES, STUMPS, DEBRIS AND EXISTING STRUCTURES, INCLUDING PAVEMENT, SIDEWALK, BUILDING FOUNDATION, ABANDONED UTILITIES AND EXISTING TOPSOIL IN ALL AREAS OF DEVELOPMENT.
- DO NOT DISTURB SITE BEYOND CONSTRUCTION LIMITS AS SET FORTH WITHIN THIS DRAWING SET ALL SURFACES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED AND OR RE-LANDSCAPED AS SET FORTH IN THE LANDSCAPING PLAN OR TO MATCH EXISTING WHERE NOT NOTED, SUCH THAT THEY BECOME INDISTINGUISHABLE FROM ADJACENT UNDISTURBED NATURAL AREAS.
- NOTICE TO ALL CONTRACTORS AND SUBCONTRACTORS: PROTECT NATURAL VEGETATION, TERRAIN, ROCKS, ETC. FROM STUCCO, PAINT, ROOFING FOAM, CONCRETE OR OTHER DAMAGE BY COVERING WITH PLASTIC OR AS REQUIRED. PROVIDE A 4'-0" HIGH BARRIER WITHIN BUILDING ENVELOPE (WHEN APPLICABLE). KEEP MATERIALS AND WORKMEN WITHIN THE FENCE TO PREVENT DAMAGE TO

NATURAL TERRAIN AND VEGETATION. THE COST OF RECLAIMING OR REPAIRING ANY DAMAGE DUE TO NEGLIGENCE WILL BE AT THE

- ANY AREAS EXTENDING BEYOND THE IMMEDIATE BUILDING SITE THAT ARE DISTURBED DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO, DRAINAGE FACILITIES AND UTILITY (SEWER, WATER, ELECTRIC, ETC.) TRENCHES SHALL BE RESTORED TO THEIR NATURAL
- ALL TRADES SHALL BE RESPONSIBLE TO COMPLETE SITE INVESTIGATION TO IDENTIFY SCOPE OF MATERIALS TO BE REMOVED AND NEW MATERIALS REQUIRED TO MATCH EXISTING CONSTRUCTION. ALL PROPERTY AND BUILDING LINES AS WELL AS ALL SPOT ELEVATIONS SUCH AS TOP OF PWD IN RELATION TO EXISTING GRADE, SHALL BE FIELD VERIFIED AND APPROVED BY ARCHITECT PRIOR TO CONSTRUCTION.

HOUSE ADDRESS MARKING: A HOUSE NUMBER SHALL BE DISPLAYED IN A PROMINENT MANNER, SO THAT IT IS REASONABLY VISIBLE TO

ENABLE EMERGENCY VEHICLES TO LOCATE THE RESIDENCE. ALL RETAINING WALLS TO HAVE DRAIN TILE SURROUNDED BY 3/4" CRUSHED GRAVEL WRAPPED IN GEOTEXTILE BEHIND WALL AND WEEPS @ 4'-0" OC. (TYP). REFER TO SOILS REPORT FOR FURTHER INFORMATION. 3'-0" NON COMBUSTIBLE SPACE AROUND HOUSE PERIMETER IS REQUIRED 30'-0" DEFENSIBLE SPACE AROUND HOUSE PERIMETER IS

## <u>UTILITIES</u>

- CONTRACTOR SHALL CONFIRM WITH EACH APPLICABLE AGENCY THAT ALL UTILITIES (SEWER, POWER, WATER, ETC.) ARE LOCATED AS SHOWN AND THAT SEWER TAP IS LOW ENOUGH TO SERVE ALL PLUMBING DRAINS CONTRACTORS SHALL NOTIFY UTILITY LOCATOR A MINIMUM OF (3) WORKING DAYS PRIOR TO COMMENCING WORK TO DETERMINE
- HOW RESPECTIVE UTILITIES WILL BE EFFECTED BY CONSTRUCTION. ALL UTILITIES ARE TO BE BURIED, AND SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL ORDINANCES. UTILITY ROUTING AND CONDUIT TRENCH LOCATIONS SHALL CONFORM TO ALL APPLICABLE BUILDING CODES WITH REFERENCE TO
- ELECTRICAL METER SHALL HAVE THE ABILITY TO BE READ REMOTELY BY POWER COMPANY. WATER SUPPLY LINE SHALL BE 11/2" OD POLYETHYLENE AND 8'-0" BELOW GRADE, UNLESS NOTED OTHERWISE.

## **EXCAVATION**

- ANY EXCAVATION SHALL BE CONDUCTED IN ACCORDANCE WITH RECOMMENDATIONS SET FORTH IN GEOTECHNICAL REPORT. FINISH GRADE SHALL BE A MINIMUM OF 8 INCHES BELOW WOOD FRAMING AT BUILDING EXTERIOR.
- FINISH GRADE TO SLOPE AWAY FROM STRUCTURE FOR A MINIMUM DISTANCE OF 10'-0" AND AT A MINIMUM SLOPE OF 1:10 AND A MAXIMUM SLOPE OF 1:2 UNLESS NOTED OTHER WISE. - GEOTECHNICAL REPORT TO SUPERCEDE ANY FURTHER CONFLICTS. THERE SHALL BE AN EVEN SLOPE BETWEEN NEW GRADES. UNLESS NOTED OTHERWISE, MEET EXISTING GRADES AT A MAXIMUM SLOPE OF 1'-0" VERTICAL TO 2'-0" HORIZONTAL AND A RECOMMENDED SLOPE OF 1'-0" VERTICAL TO 10'-0" HORIZONTAL. ALL FINISHED EARTH GRADES TO BE 1" BELOW ADJACENT WALKS AND DRIVES UNLESS OTHERWISE NOTED. DITCHES TO HAVE SMOOTH CONTOURS TO FACILITATE USE OF LAWN MOWERS WHERE APPLICABLE.
- THE UNDER FLOOR GRADE SHALL BE CLEANED OF ALL VEGETATION AND ORGANIC MATERIAL. ALL WOOD FORMS USED FOR PLACING CONCRETE SHALL BE REMOVED, AND ALL CRAWL SPACES SHALL BE CLEANED OF ALL CONSTRUCTION DEBRIS BEFORE STRUCTURE IS

## FIRE SUPPRESSION

PROJECT SCHEDULE

ROOF PENETRATION PLAN.

STEEL SHOP DRAWINGS

TIMBER SHOP DRAWINGS

RADON MITIGATION PLAN AND DETAILS

MECHANICAL ROOM EQUIPMENT LAYOUT

FIRE SUPPRESSION DESIGN AND LAYOUT. IF REQUIRED

PROJECT BUDGET

- FIRE SUPPRESSION SYSTEM IS REQUIRED, SPRINKLER SYSTEM DESIGN AND LAYOUT SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW PRIOR TO COMMENCING INSTALLATION FIRE SUPPRESSION ENGINEER OF RECORD SHALL BE CONTACTED BY GENERAL CONTRACTOR TO PERFORM ON-SITE OBSERVATION
- VERIFYING THE INSTALLATION IS IN ACCORDANCE WITH PLANS PROVIDED **STAGING NOTES**
- FOR ALL CONSTRUCTION STAGING IN THE FIELD PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL CLEARING AND EXCAVATION WITHIN EXISTING PROPERTY LINE BOUNDARIES AND

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL FROM ANY APPLICABLE ARCHITECTURAL REVIEW COMMITTEE

- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY REVISIONS OR ALTERATIONS TO THE CONSTRUCTION STAGING PLAN PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS TO INSTALL STRAW BALES IN ADDITION TO SILT FENCE AT LOCATIONS OF POTENTIAL RUN-OFF INTO WETLAND AREAS AS INDICATED ON SITE PLAN ANY DAMAGE TO THE EXISTING ROADWAY, INCLUDING THE ASPHALT SURFACE, SHOULDER GRAVEL, ROADSIDE DITCH, EXISTING CULVERTS, AND EXISTING VEGETATION AND EROSION CONTROL MEASURES SHALL BE REPAIRED BY THE GENERAL CONTRACTOR TO THE
- SATISFACTION OF THE DEVELOPMENT GRAVEL CONSTRUCTION ENTRANCE IS TO BE CONSTRUCTED WITH A MIN. OF 2" OF 3/4"SCREENED ROCK TO COVER ALL DRIVEWAYS, PARKING, AND LAY DOWN AREAS TO BE PLACED AT START OF CONSTRUCTION, AND A RECOMMENDATION OF A MIN. OF (8)" MINUS 3"
- PITRUN OVER A GEOTECHNICAL SEPARATION FABRIC. ANY USE OF ANY FIRE HYDRANT IS PROHIBITED FOR USE BY ANY OTHER THAN THE GOVERNING FIRE DEPARTMENT. ALL WASTE SHALL BE CONTAINED ON SITE AND PROPERLY DISPOSED OF AT PROJECT COMPLETION. FURTHER, CONCRETE WASHOUT
- WITHIN THE ROADSIDE DITCHES IS STRICTLY PROHIBITED. GENERAL CONTRACTOR IS TO PROVIDE ONE LOCATION FOR CONCRETE TRUCK WASHOUT. CONCRETE WASHOUT WITHIN THE ROADSIDE DITCHES IS STRICTLY PROHIBITED.

G.C. SUBMITTALS TO ARCHITECT

DOCUMENTATION OF FIRE SUPPRESSION ENGINEERS SITE REVIEW

MATERIAL SAMPLES AND MOCKUPS AS REQUIRED - SEE MATERIAL LEGEND.

DOOR AND WINDOW MFR. SUBMITTALS AND SHOP DRAWINGS

ROUGH OPENING WALK THROUGH REQUIRED, COORD W/ ARCH.

ELECTRICAL WALK THROUGH REQUIRED, COORD W/ ARCH, ID, OWNER

CONTRACT W/ RECYCLING COMPANY COORD, INFORMATION W/ ARCHITECT.

TACK-MAT BY SKUDO: SURFACE PROTECTION

PRE-MANUFACTURED TRUSS SHOP DRAWINGS. AS APPLICABLE.

SNOW GUARD AND GUTTER SUBMITTALS AND SHOP DRAWINGS

THERMAL IMAGING TEST RESULTS (KEVIN BUDD: 406.581.3096)

VAPOR BARRIER SPECS AND SUBMITTAL SHEETS.

INSULATION SPECS AND SUBMITTAL SHEETS.

OPERATIONS AND MAINTENANCE MANUAL

UNDERGROUND UTILITIES RECORD DRAWINGS `28. ——TILE LAYUP TO BE REVIEWED BY ARCHITECT OR ID-

COMING SCHEDULE DEADLINES

DOCUMENT ALL EXISTING CONDITIONS AT CASIDY RIDGE PRIOR TO STARTING CONSTRUCTION

BELOW SLAB INSULATION WALK THROUGH, REVIEW, & APPROVAL REQUIRED, COORD. W/ ARCH.

MECHANICAL DESIGN AND SHOP DRAWINGS WHERE MECHANICAL DESIGN IS NOT PROVIDED AS PART OF ARCHITECTS SCOPE.

DOCUMENTATION OF SITE INSPECTIONS FROM STRUCTURAL ENGINEER AND GEOTECHNICAL ENGINEER AS OUTLINED BY EACH ENTITY.

3D HOUSE SCAN BY 3D BOZEMAN, LLC. SCAN TAKEN BEFORE DRYWALL IS INSTALLED. ANOTHER OPTIONAL SCAN AFTER HOUSE IS

WEEKLY OR BI-WEEKLY CONSTRUCTION REPORTS AND PHOTOS DESCRIBING ALL WORK PERFORMED, ANY BUDGET ITEMS, AND UP

## EROSION CONTROL AND BMP'S

- STORM WATER DETENTION POND/S ARE REQUIRED TO MINIMIZE SEDIMENT RUNOFF. SEE SITE PLAN AND SITE DETAILS FOR FURTHER INFORMATION.
- STORM WATER DETENTION POND/S SHOULD BE LOCATED ON SITE TO MAXIMIZE THE COLLECTION OF SURFACE RUNOFF WATER, IN ADDITION TO COLLECTING ROOF DRAINS AND FOUNDATION DRAIN IF APPLICABLE. GENERAL CONTRACTOR SHALL INSTALL APPROPRIATE EROSION CONTROL FENCE AND/OR SEDIMENT STOP AS INDICATED ON SITE PLAN
- BEFORE START OF CONSTRUCTION CONTRACTORS SHALL CONDUCT THEIR WORK IN SUCH A MANNER THAT ALL SOIL, FUELS, OILS, BITUMINOUS MATERIALS, CHEMICALS, SANITARY SEWAGE, AND OTHER HARMFUL MATERIALS ARE CONFINED WITHIN THE PROJECT LIMITS AND PREVENTED FROM ENTERING
- STORM SEWERS, WATER COURSES, RIVERS, LAKES OR RESERVOIRS. THE CONTRACTOR SHALL PLACE A FILTER OR BARRIER COMPOSED OF STRAW, STONE, FILTER FABRIC ON DRAINAGE STRUCTURE GRATES OR OTHER APPROVED MATERIAL AROUND ALL DRAINAGE COURSES TO PREVENT SEDIMENTATION IN THESE AREAS. AFTER THE CONSTRUCTION OPERATIONS ARE COMPLETED, THE CONTRACTOR SHALL REMOVE THESE FILTERS AND CLEAN ALL THE SEDIMENT AND
- DEBRIS FROM THE CATCH BASINS OR OTHER DRAINAGE STRUCTURES. THE COST OF THIS WORK AND OTHER CONTROL MEASURES, WHICH MAY BE REQUIRED, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED UNDER THE SCOPE OF THIS PROJECT.
- SEE DETAIL 12 / A1-0.3 FOR RECOMMENDED SEDIMENT STOP INSTALLATION WATER DIVERTED FROM ITS ORIGINAL DRAINAGE PATTERN SHALL BE RETURNED TO ITS ORIGINAL COURSE BEFORE LEAVING THE

INTRODUCED DRAINAGE FEATURES SHALL BE NATURAL APPEARING, DESIGNED TO EMULATE INDIGENOUS SWALES AND WASHES AND

SHALL CONFORM TO ALL DRAINAGE EASEMENTS A "STORM WATER POLLUTION PROTECTION PLAN" (SWPPP) AND PERMIT IS REQUIRED FOR ANY PROJECT WHICH THE AREA OF DISTURBANCE IS GREATER THAN 1 ACRE. FURTHERMORE, THE GOVERNING DEVELOPMENT MAY REQUIRE A SWPPP REGARDLESS OF SIZE OF AREA OF DISTURBANCE

## DRIVEWAY REQUIREMENTS

PROPERTY

- ANY DRIVEWAY THAT SHALL SERVE AS A "FIRE LANE" AS INDICATED ON THE ARCHITECTURAL LOT DIAGRAM, SHEET A1-0.1, SHALL CONFORM TO THE FOLLOWING: A YEAR ROUND DRIVABLE SURFACE CAPABLE TO SUSTAIN ANY IMPOSED LOADS OF FIRE APPARATUS (30 TONS).
- AN UNOBSTRUCTED DRIVABLE WIDTH OF NOT LESS THAN 16'-0" and A MAXIMUM PAVED WIDTH OF 14'-0" AN UNOBSTRUCTED HEIGHT CLEARANCE OF NOT LESS THAN 13'-6" A MAXIMUM SLOPE OF 12% AT ANY STRAIGHT RUN AND RECOMMENDED MAXIMUM SLOPE OF5% AT ANY TURN LOCATION. MINIMUM INSIDE TURNING RADII OF 30-0"', AND MINIMUM OUTSIDE TURNING RADII OF 50'-0" INSIDE TURNING RADII FOR ANY DRIVEWAY THAT IS NOT PART OF A "FIRE LANE" SHALL NOT BE LESS 10'.
- DRIVEWAY SHALL HAVE A NORMAL GRADE NOT TO EXCEED 10% EXCEPT FOR THE FIRST AND LAST 20' OF DRIVEWAY WHICH IS NOT TO A MAXIMUM OF 5% GRADE IS STRONGLY RECOMMENDED AT ANY AND ALL TURNING LOCATIONS.

## LANDSCAPING

SEE DETAILS FOR DRIVEWAY SECTION DETAILS

LANDSCAPE CONTRACTOR SHALL REVIEW GEOTECHNICAL REPORT PRIOR TO INSTALLATION, COPIES OF REPORT AVAILABLE UPON REQUEST. RE: ARCHITECT/GENERAL CONTRACTOR/OWNER REFERENCE LANDSCAPE PLAN FOR ADDITIONAL LANDSCAPE NOTES

## REMODEL - DUST CONTROL

- DUST CONTROL PLAN IS TO BE SUBMITTED TO OWNER AND ARCHITECT BEFORE DEMOLITION OCCURS.
- ISOLATE WORK AREA CLOSE DOORS AND SEAL ONES NOT IN USE WITH TAPE. CREATE TEMPORARY WALLS AND CORDON OFF AREAS USING A 'ZIPWALL DUST BARRIER SYSTEM' OR EQUAL TO THE MANUFACTURER'S
- FLOOR PAPER SHOULD BE APPLIED TO ALL AREAS OF THE CONSTRUCTION ZONE. DESIGNATE ONE DOORWAY INTO THE STRUCTURE AND INSTALL A 'ZIPDOOR KIT' OR EQUAL IN THAT ENTRY WAY SEPARATING WORK
- AREA FROM THE REST OF THE HOME. IT IS RECOMMENDED TO CHOOSE AN ENTRY WAY THAT ALSO HAS A DOOR TO CLOSE TO CREATE A DOUBLE BARRIER DEMO WASTE TO BE REMOVED THROUGH A DUST BARRIER PROTECTION AREA, NOT THROUGH UNPROTECTED AREA'S.
- IF POSSIBLE, COMPLETELY ELIMINATE ACCESS FROM INSIDE THE NON-CONSTRUCTION AREAS TO THE CONSTRUCTION AREAS; PROVIDING OUTDOOR OR ALTERNATIVE ACCESS TO REST ROOMS, OUTSIDE BASEMENT ACCESS TO UTILITIES, ETC... IT IS RECOMMENDED THAT STICKY MATS BE PLACED DIRECTLY OUTSIDE OF THE ENTRANCE TO THE CONSTRUCTION ZONE IN AN
- ATTEMPT TO CAPTURE EXTRA DUST FROM THE EXTERIOR. IT IS RECOMMENDED TO USE HIGH-EFFICIENCY, HEPA-FILTERED DUST CONTROL EQUIPMENT AND CONTAINMENT BARRIERS TO HELP ISOLATE AND REMOVE PARTICLES RELEASED INTO THE AIR DURING DEMOLITION.
- ESTABLISH A NEGATIVE PRESSURE ENVIRONMENT WITH OUTDOOR AIR CIRCULATION, KEEP WINDOWS AND DOORS INSIDE THE NON-REMODELED HOME CLOSED AT ALL TIMES. TURN OFF DUCT-WORK-BASED-HEATING AND COOLING DURING THE ENTIRE CONSTRUCTION PROCESS. IT IS RECOMMENDED TO TAPE PLASTIC BARRIER OVER THE REGISTERS AND VENTS THROUGH OUT THE HOME
- PRO-VENT OR SIMILAR PRODUCT TO BE ADDED TO EXPOSED DUCT INTAKES IMMEDIATELY AFTER THEY ARE INSTALLED. IT IS RECOMMENDED TO USE A HEPA VACUUM FOR CLEANING PURPOSES. NOT SWEEPING WITH A BROOM

EXISTING LIGHT FIXTURES TO REMAIN WILL BE SEALED OFF WITH PLASTIC AND TAPE

SHOP DRAWING NOTES

TIME BEFORE OR AFTER SHOP DRAWING REVIEW.

ONCE CARPET OR WOOD FLOORING IS REMOVED, MAKE SURE PLYWOOD SUBFLOOR IS SECURELY ATTACHED TO PREVENT SQUEAKS. IT IS RECOMMENDED TO PERFORM AS MUCH OF THE WORK OUTSIDE AS POSSIBLE IT IS RECOMMENDED THAT ALL SMOKE ALARMS BE TAPED AND COVERED AFTER INSTALL

SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL ELEMENTS REQUIRING CUSTOM FABRICATION IN ADDITION TO ANY STRUCTURAL

THE GENERAL CONTRACTOR SHALL REVIEW AND STAMP ALL SHOP DRAWINGS AND PRODUCT DATA FOR CONFORMANCE WITH THE

CONSTRUCTION DOCUMENTS PRIOR TO SUBMITTAL. ANY SHOP DRAWINGS OR PRODUCT DATE NOT REVIEWED AND STAMPED BY

MANUFACTURER OR FABRICATOR. ANY CHANGES, SUBSTITUTIONS, OR DEVIATIONS WHICH ARE NOT CLOUDED OR FLAGGED BY

THE ARCHITECT RESERVES THE RIGHT TO ALLOW OR NOT ALLOW ANY CHANGES TO THE ORIGINAL CONTRACT DRAWINGS AT ANY

THE SHOP DRAWINGS DO NOT REPLACE THE ORIGINAL CONTRACT DRAWINGS. ITEMS OMITTED OR SHOWN INCORRECTLY AND

REVIEWING OF SHOP DRAWINGS IS INTENDED ONLY AS AN AID TO THE CONTRACTOR IN OBTAINING CORRECT SHOP DRAWINGS.

INCORRECTLY ARE CONSTRUCTED IN ACCORDANCE WITH THE ORIGINAL CONTRACT DRAWING:

RESPONSIBILITY FOR CORRECTNESS AND COMPLETENESS SHALL REST WITH THE CONTRACTOR.

ALLOW A MINIMUM OF FIVE WORKING DAYS FOR REVIEW OF SHOP DRAWINGS BY THE ARCHITECT.

SHOP DRAWINGS WILL BE RETURNED FOR RE-SUBMITTAL IF MAJOR ERRORS ARE FOUND DURING REVIEW

SUBMITTING PARTIES SHALL NOT BE CONSIDERED ALLOWED AFTER THE ARCHITECT'S REVIEW, UNLESS NOTED ACCORDINGLY BY THE

WHICH ARE NOT NOTED AS ALLOWED BY THE ARCHITECT OR STRUCTURAL ENGINEER ARE NOT TO BE CONSIDERED CHANGES TO THE

ORIGINAL CONTRACT DRAWINGS. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ITEMS OMITTED OR SHOWN

ANY CHANGES, SUBSTITUTIONS, OR DEVIATIONS FROM THE ORIGINAL CONTRACT DRAWINGS SHALL BE CLOUDED BY THE

THE GENERAL CONTRACTOR WILL BE RETURNED WITHOUT REVIEW. ALL DIMENSIONS SHALL BE VERIFIED BY GENERAL CONTRACTOR

ITEMS REQUIRED BY THE STRUCTURAL ENGINEER. CONSTRUCTION DOCUMENTS SHALL NOT BE REPRODUCED FOR US AS SHOP

## STANDARD PUNCH LIST ITEMS /

GC TO REVIEW AND COMPLETE ALL STANDARD PUNCH LIST ITEMS LISTED BELOW PRIOR TO FINAL PUNCH LIST WALKTHROUGH WITH ARCHITECT.

- BRING OPERATIONS & MAINTENANCE MANUAL BINDER TO BE PROVIDED BY GC
- CLEAN UP GENERAL EXTERIOR AND INTERIOR CONSTRUCTION CLEAN UP CLEAN UP CONDITION
- REMOVE OR CLEAN UP PAINT EXTERIOR AND INTERIOR PAINT SMEARED ON TRIM OR OTHER MATERIALS PUTTY - APPLY PUTTY TO ALL INTERIOR FINISH NAIL HOLES
- PAINT/STAIN APPLY PAINT OR STAIN TO PUTTIED NAIL HOLES OR WOOD THAT HAS BEEN CHIPPED STAIN - STAIN ALL WOOD FACES IF UNFINISHED
- SEALANT OR CAULK APPLIED WHERE APPLICABLE
- DRYWALL MUD & PAINT
- RECTIFY SCUFF

CLEAN EXTERIOR THRESHOLDS

- REMOVE TAPE PAINT MORTISE STRIKE FLAT BLACK THROUGHOUT
- ORIENTATE PLUMBING FIXTURE HANDLES 90 DEGREES TO FLOOR OR COUNTER REMOVE LIGHT DUST & MATERIAL DROPPINGS FROM FLOOR BEFORE PAD & CARPET ARE ADDED
- WOOD FLOOR FILLER CLEAN WINDOW SASH
- CABINET DOOR BUMPERS APPLIED ALL DRAWERS TO BE ADJUSTED SO THERE IS NO MOVEMENT AND NO RUBBING
- PAINT FLOOR MECHANICAL VENTS FLAT BLACK CLEAN ALL VENTS OF ANY CONSTRUCTION DEBRIS

## MOISTURE CONTROL

- SLOPE PATIO SLABS, WALKS AND DRIVEWAYS A MINIMUM OR 1/8" PER FT. AWAY FROM U.N.N., TAMP BACK FILL IN 6" LAYERS TO PREVENT SETTLING. AN SLOPE THE FINAL GRADE AWAY FROM THE
- FOUNDATION AT A RATE AS PRESCRIBED BY THE GEOTECHNICAL ENGINEER. INSTALL PROTECTED DRAIN TILE AT FOOTINGS. PER SITE SPECIFIC GEOTECHNICAL REPORT. DISCHARGE TO OUTSIDE GRADE (DAYLIGHT) OR TO A SUMP PUMP. NO SURFACE OR ROOF DRAINAGE SHALL BE
- ROUTED TO ANY PART OF THE FOOTING DRAIN TILE SYSTEM DRAINS OR SUMP PUMPS IN BASEMENT AND CRAWL SPACE FLOORS TO DISCHARGE A MIN. OF 10 FT. OUTSIDE THE FOUNDATION OR INTO AN APPROVED SEWER SYSTEM. PROVIDE SEALED (GASKET) SUMP PLIMP COVER IN AREAS WHERE RADON IS OF CONCERN
- PROVIDE CAPILLARY BREAKS BENEATH CONCRETE SLABS, INCLUDING BASEMENT FLOORS. DAMP-PROOF OR WATERPROOF ALL EXTERIOR SURFACES OF BELOW-GRADE FOUNDATION WALLS. DIRECT ROOF WATER AWAY FROM THE STRUCTURE USING GUTTERS AND DOWNSPOUTS THAT EMPTY INTO LATERAL PIPING THAT DEPOSITS WATER ON A SLOPING FINISHED GRADE A MINIMUM OF 10 FT. FROM THE FOUNDATION. ROOFS DESIGNED WITHOUT GUTTERS ARE ACCEPTABLE IF THEY ARE DESIGNED TO DEPOSIT RAINWATER TO A GRADE-LEVEL ROCK BED WITH WATERPROOF LINER DRAIN PIPE THAT DEPOSITS WATER ON A SLOPING FINISHED GRADE, AS SPECIFIED ABOVE. WHEN LOT SPACE LIMITS OR PREVENTS REQUIRED GRADING, DIRECT ROOF WATER TO AN UNDERGROUND CATCHMENT SYSTEM (NOT CONNECTED TO THE FOUNDATION DRAIN TILE SYSTEM) THAT DEPOSITS WATER A
- MEET THIS REQUIREMENT WHEN THEY ARE DESIGNED TO PROPERLY DRAIN OVERFLOW, MEETING DISCHARGE DISTANCE REQUIREMENTS ABOVE. INSTALL MOISTURE-RESISTANT MATERIAL AND MOISTURE-PROTECTIVE SYSTEMS IN VULNERABLE AREAS TO PREVENT THE GROWTH OF MOLD. INSTALL WATER-RESISTANT HARD-SURFACE FLOORING IN KITCHENS, BATHROOMS, ENTRYWAYS, LAUNDRY AREA & UTILITY ROOMS. DO NOT INSTALL WALL-TO-

MINIMUM OF 10FT. FROM THE FOUNDATION. RAINWATER-HARVESTING SYSTEMS MAY BE USED TO

- WALL CARPET ADJACENT TO TOILETS AND BATHING FIXTURES. INSTALL MOISTURE-RESISTANT BACKING MATERIAL (I.E., CEMENT BOARD OR THE EQUIVALENT, BUT NOT PAPER-FACED WALL BOARD) BEHIND TUB AND SHOWER ENCLOSURES.
- INSTALL ALL CONDENSATE DISCHARGE ACCORDING TO IRC SECTION M1411.3. INSULATE PIPING INSTALLED IN EXTERIOR WALLS. DO NOT INSTALL CONTINUOUS VAPOR BARRIERS ON THE INTERIOR SIDE OF EXTERIOR WALLS THAT HAVE HIGH CONDENSATION POTENTIAL (E.G., BELOW-GRADE EXTERIOR WALLS IN MOST CLIMATES AND ABOVE GRADE EXTERIOR WALL IN WARM-HUMID CLIMATES). EXAMPLE: AN INTERIOR STUD WALL ERECTED NEXT TO A BELOW-GRADE BASEMENT WALL AND INSULATED WITH MINERAL WOOL, FIBERGLASS OR CELLULOSE INSULATION SHOULD NOT HAVE FOIL-FACED PAPER. POLYETHYLENE FILM OR VINYL WALLPAPER ON ITS INTERIOR SURFACE. WATER VAPOR PASSING FROM THE DAMP EARTH THROUGH THE BELOW-GRADE CONCRETE OR CMU WALL WILL PASS EASILY THROUGH THE INSULATION
- NTERIOR OF THE WALLS ALLOWS IT TO DRY INTO THE BASEMEN DO NOT INSTALL BUILDING MATERIALS THAT HAVE VISIBLE SIGNS OF WATER DAMAGE OR MOLD. IN ADDITION, INTERIOR WALLS SHALL NOT BE ENCLOSED (E.G., WITH DRYWALL) IF EITHER THE FRAMING MEMBERS OR INSULATION HAS A HIGH MOISTURE CONTENT. FOR WET-APPLIED INSULATION, FOLLOW THE MANUFACTURER'S DRYING RECOMMENDATIONS. LUMBER SHOULD NOT EXCEED 18% MOISTURE

MATERIALS, BU ACCUMULATE ON MICROCLIMATE. USING MATERIALS OF 2 PERMS OF MORE ON THE

CONTENT GARAGE FLOOR DRAINS ARE TO MEET DISCHARGE DISTANCE REQUIREMENTS ABOVE AND TO DRAIN INTO LANDSCAPED/LINED HOLDING PONDS TO ALLOW WASTE WATER TO NATURALLY EVAPORATE. SEE SWPPP % EPA REQUIREMENTS.

## GEOTECHNICAL REPORT NOTES

SUPPLEMENT TO THE GEOTECHNICAL REPORT. IT IS REQUIRED THAT THE GENERAL CONTRACTOR AS WELL AS ANY APPLICABLE SUB CONTRACTORS RECIEVE AND REVIEW THE GEOTECHNICAL REPORT. IN IT'S ENTIRETY AND TO NOTIFY THE GEOTECHNICAL ENGINEER IF THERE ARE ANY QUESTIONS OR CONCERNS. A FULL GEOTECHNICAL ANALYSIS AND REPORT HAS BEEN PREPARED FOR THIS PROPERTY BY: TRAUTNER GEOTECH

- GC IS RESPONSIBLE FOR CONTACTING GEOTECHNICAL ENGINEER PRIOR TO CONTRUCTION TO OBTAIN COMPLETE CURRENT REPORT AND ANY ADDENDUMS SURFACE & SUBSURFACE DRAINAGE SHALL CONFORM TO THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS AS SET FORTH IN THE REFERENCED GEOTECHNICAL REPORT
- PROPER DRAINAGE SHOULD BE PROVIDED IN THE FINAL DESIGN AND DURING CONSTRUCTION. THE ARCHITECT SHALL BE NOTIFIED OF ANY ISSUES OR CONFLICTS NOT ACCOUNTED FOR WITHIN THESE DRAWINGS OR THE REFERENCED GEOTECHNICAL REPORT SITE PREPARATION PROCEDURES AND FOUNDATION EXCAVATIONS TO BE OBSERVED BY THE GEOTECHNICAL ENGINEER TO ASSESS THAT THE ADEQUATE BEARING CONDITIONS EXIST AND THAT PLACEMENT OF ENGINEERED FILL HAS BEEN PERFORMED SATISFACTORILY. IF THE SOIL CONDITIONS
- ENCOUNTERED DIFFER SIGNIFICANTLY FROM THOSE PRESENTED IN THE GEOTECHNICAL REPORT, SUPPLEMENTAL RECOMMENDATIONS MAY BE REQUIRED POSITIVE DRAINAGE SHALL BE PROVIDED DURING CONSTRUCTION AND MAINTAINED THROUGHOUT TH LIFE OF THE PROPOSED DEVELOPMENT. INFILTRATION OF WATER INTO UTILITY OR FOUNDATION EXCAVATIONS MUST BE PREVENTED DURING CONSTRUCTION.
- STRIP AND REMOVE ANY EXISTING VEGETATION. ORGANIC TOPSOILS. DEBRIS AND ANY OTHER DELETERIOUS MATERIALS FROM THE BUILDING AREAS. THE BUILDING AREAS ARE DEFINED AS THAT AREA WITHIN THE BUILDING FOOTPRINT PLUS 5 FEET BEYOND THE PERIMETER OF THE FOOTPRINT. ALL EXPOSED SURFACES SHOULD BE FREE OF MOUNDS AND DEPRESSIONS THAT COULD PREVENT UNIFORM

WHERE FILL IS TO BE PLACED, LOOSE OR OTHERWISE UNSUITABLE MATERIAL SHOULD BE REMOVED

- FROZEN SOILS SHOULD NOT BE USED AS FILL OR BACKFILL. FXISTING SOILS REMOVED AT BUILDING FOOTPRINT EXCAVATION MAY BE REUSED IN LANDSCAPE AREAS, AS LONG AS IN ACCORDANCE OF THE REFERENCED GEOTECHNICAL REPORT ALL IMPORT FILL AND ONSITE BACKFILL SHOULD BE APPROVED BY THE GEOTECHNICAL ENGINEER.
- PRIOR TO PLACEMENT OF NEW FILL. GEOTECHNICAL ENGINEER OF RECORD SHALL BE CONTACTED BY THE GENERAL CONTRACTOR AT THE ONSET OF THE PROJECT TO SCHEDULE AND PERFORM ON SITE REVIEWS AT THE GEOTECHNICAL ENGINEERS DISCRETION THROUGH ANY AND ALL STAGES OF EXCAVATION AND FOUNDATION. ALL EXCAVATION WORK SHALL CONFORM TO OSHA REGULATIONS.

RECYCLING

FULL CIRCLE RECYCLE BS

DAVE - (406) 570-5561

LEE - (406) 599-0601 CELL

LANCE - (406) 581-0599 CELL

RESOURCE SITE SERVICES

PACIFIC STEEL & RECYCLING

CONTACT: ROB SHACLEFORD

www.pacific-steel.com

www.resourcesiteservices.com

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L&L SITE SERVICES

(406) 581-3551

(406) 587-0662

AT A MINIMUM THE FOLLOWING EXCESS MATERIALS TO BE RECYCLED:

THE FOLLOWING RECYCLING CONTRACTORS ARE TO BE CONSIDERED:

GALLATIN GATEWAY. MONTANA 59730

CARDBOARD, DRYWALL, WOOD, METAL, COPPER, BRASS, STEEL, TIN, NEWSPAPER, AND CARDBOARD

NOTE: RADON PLAN TO BE SUBMITTED, BY CONTRACTOR, TO ARCHITECT FOR REVIEW. RADON MEASURED IN PICO CURRIES PER LITER pCi/L

- 4 pCi/L = ACTION REQUIRED LEVEL - 2 pCi/L = ACCEPTABLE LEVEL - 2pCi/L > RADON LEVEL GOAL

RADON MITIGATION - CRAWLSPACE PASSIVE SUB-MEMBRANE DEPRESSURIZATION SYSTEM FOUNDATION WALL - ALL CONTROL JOINTS. ISOLATION JOINTS & OTHER JOINTS SHOULD BE

- CALKED WITH AN ELECTROMETRIC SEALANT SUCH AS POLYURETHANE CAULK, DAMP PROOF FOUNDATION WALL AND SEAL ANY PENETRATIONS THROUGH THE WALL. CRAWLSPACE SHEETING TO BE HIGH-DENSITY CROSS-LAMINATED POLYETHYLENE. COLOR TO BE WHITE. OVERLAY W. EPDM RUBBERIZED ROOFING MEMBRANE AT HIGH TRAFFIC AREAS AND ALONG EXPECTED TRAFFIC ROUTES. OVERLAP SHEETS BY 12" AND SEAL SHEETING USING A 1/2" WIDE BEAD OF CAULK. WIRE BRUSH 12" ABOVE CRAWLSPACE FLOOR TO REMOVE ANY DIRT AND SECURE PLASTIC TO WALL @ 12" ABOVE CRAWLSPACE FLOOR WITH 1/2" WIDE BEAD
- SEAL AROUND ALL VERTICAL PENETRATIONS. SEAL FLOOR-TO-WALL JOINTS, SEAL CONTROL AIR HANDLING SYSTEMS IN CRAWLSPACE TO MAINTAIN CONTINUOUS POSITIVE PRESSURE
- WITHIN THE DUCTWORK. THIS IS TO PREVENT RADON FROM BEING DRAWN INTO THE DUCTWORK AND THEN DISTRIBUTED THROUGHOUT THE HOUSE. RISER PIPE TO BE SCHEDULE 40 PVC OR ABS, CONNECT TO 3 OR 4 INCH DIAMETER
- ACCESS DOORS AND OTHER OPENINGS OR PENETRATIONS BETWEEN FLOORS AND ADJOINING CRAWLSPACES SHOULD BE CLOSED, GASKETED OR OTHERWISE SEALED TO PREVENT AIR LABEL RISER AT ALL VISIBLE LOCATIONS SO IT IS NOT CONFUSED WITH ANY OTHER PLUMBING.
- SHEETING FOR DAMAGE AND REPAIR AS NECESSARY PROVIDE FOR FUTURE FAN IF NEEDED. FAN CANNOT BE INSIDE THE LIVING SPACE OR CRAWLSPACE FANS ARE MOST OFTEN LOCATED IN ATTICS OR GARAGES (LINESS THERE IS A LIVING SPACE ABOVE THE GARAGE.) FANS REQUIRE A 30-INCH VERTICAL RUN OF PIPE FOR INSTALLATION. FANS REQUIRE AN UNSWITCHED ELECTRICAL JUNCTION BOX.

## RADON MITIGATION - ACTIVE SUB-SLAB SYSTEM

- CONNECT SHORT STUB. AT LEAST 8" OF 4" PVC PIPE VERTICALLY INTO THE TEE. LAY 4" PERFORATED AND CORRUGATED PIPE (MINIMUM LENGTH OF 10 FEET) IN THE GRAVEL AND CONNECT IT TO THE RADON VENT RISER TEE FITTING. AN FIROW FITTING MAY BE USED IN PLACE OF A TEE FITTING WHEN USING ADDITIONAL PIPING IN THE GRAVEL. MAKE SURE THE CONCRETE DOES NOT PLUG UP THE PIPE DURING POUR.
- PERMEABLE LAYER. THE SHEETING SHOULD COVER THE ENTIRE FLOOR AREA. SHEETING SHOULD FIT CLOSELY AROUND ANY PIPE. WIRE OR PENETRATIONS FOUNDATION WALL AND SLABS SHOULD BE CONSTRUCTED TO REDUCE POTENTIAL RADON ENTRY ROUTES. IN GENERAL OPENINGS IN WALL AND SLABS SHOULD BE MINIMIZED AND NECESSARY OPENINGS AND JOINTS SHOULD BE SEALED.
- LABEL RISER AT ALL VISIBLE LOCATIONS SO IT IS NOT CONFUSED WITH ANY OTHER PLUMBING. LABEL PLASTIC SHEFTING TO STATE THAT THE PLASTIC SHOULD NOT BE REMOVED AND, IF CUT IT SHOULD BE PATCHED OR REPLACED. AFTER CONSTRUCTION IS COMPLETED, INSPECT THE SHEETING FOR DAMAGE AND REPAIR AS NECESSARY A RADON FAN WILL BE REQUIRED. FAN CANNOT BE INSIDE THE LIVING SPACE OR CRAWLSPACE.
- SEAMS BETWEEN SUBFLOOR AND BOTTOM PLATE TO BE SEALED WITH CAULK SEAMS BETWEEN TOP PLATE, FLOOR JOISTS, AND ROOF JOISTS TO BE SEALED WITH CAULK
- SEAL HOLES IN ELECTRICAL BOXES LOCATED ON EXTERIOR WALLS WITH EITHER LOW EXPANSION FOAM OR USE AN AIR TIGHT BOX.

SILL SEAL PROVIDED BETWEEN TREATED WOOD SILL PLATES AND CONCRETE STEMS OR SLABS.

## **EXPECTED PROTECTION OF FINISHES & SYSTEMS**

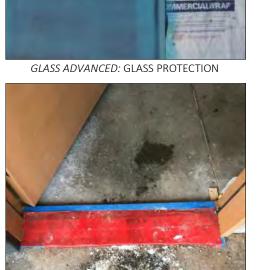
- PROVIDE FINAL PROTECTION AND MAINTAIN CONDITIONS THAT ENSURE INSTALLED WORK IS WITHOUT DAMAGE OR DETERIORATION AT TIME OF SUBSTANTIAL COMPLETION. WHERE CONCRETE SLAB TO BE FINAL
- FINISH-PROTECT SLAB FROM CHIPS, MARS SEALANT AND DRYWALL DEBRIS, PAINT, OILS AND STAIN. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS, INCLUDING, BUT NOT

SIMILAR PRODUCT

LIMITED TO, TEMPERATURE AND RELATIVE

ALL SPECIFIED METHOD OF PROTECTIONS CAN BE REPLACED WITH ACCEPTABLE



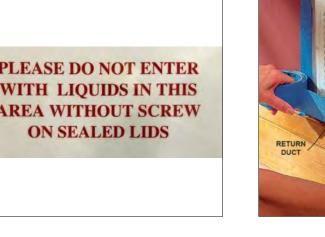












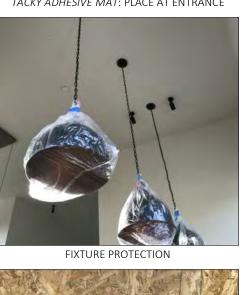








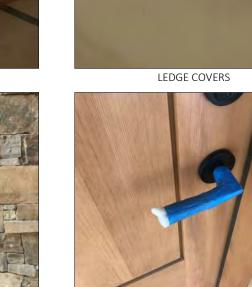


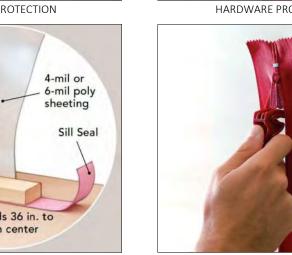


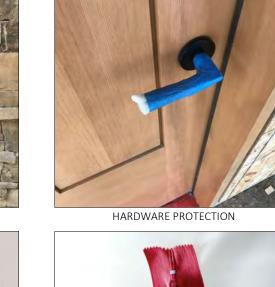




TEMPORARY WALL AREA PROTECTION



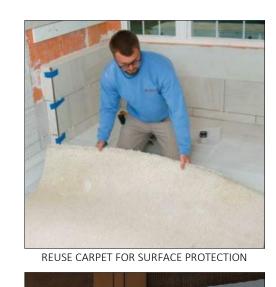
















- CORRUGATED AND PERFORATED COLLECTION PIPE 5'+ OR A STRIP OF GEOTEXTILE DRAIN MATTING ON THE SOIL AT THE RISER LOCATION BENEATH THE PLASTIC SHEETING.
- LABEL PLASTIC SHEETING TO STATE THAT THE PLASTIC SHOULD NOT BE REMOVED AND, IF CUT, IT SHOULD BE PATCHED OR REPLACED. AFTER CONSTRUCTION IS COMPLETED, INSPECT THE

- PLACE A UNIFORM LAYER OF CLEAN AGGREGATE UNDER ALL CONCRETE SLABS OF FLOOR SYSTEMS THAT DIRECTLY CONTACT THE GROUND AND ARE WITHIN THE WALLS OF THE LIVING SPACES. USE A MINIMUM 4" THICK LAYER 1/2" TO 3/4" IN SIZE. UNLESS GEOTECHNICAL RECOMMENDATIONS ARE MORE STRINGENT PLACE A 4" TEE FITTING AT THE LOCATION THE RISER WILL EXTEND THROUGH THE SLAB
- PRIOR TO POURING THE SLAB OR PLACING FLOOR ASSEMBLY, LAY A MIN. 6-MIL OR 3-MIL CROSS LAMINATED POLYETHYLENE OR EQUIVALENT SHEETING MATERIAL ON TOP OF THE GAS
- ALL CONTROL JOINTS OR OTHER JOINTS SHOULD BE SEALED WITH POLYURETHANE CAULK TO
- FANS ARE MOST OFTEN LOCATED IN ATTICS OR GARAGES (UNLESS THERE IS A LIVING SPACE ABOVE THE GARAGE.) FANS REQUIRE A 30-INCH VERTICAL RUN OF PIPE FOR INSTALLATION.

FANS REQUIRE AN UNSWITCHED ELECTRICAL JUNCTION BOX.

TRACKOUT CONTROL SYSTEM

- PROVIDE A CONTINUOUS AIR BARRIER BEHIND TUB AND SHOWER LOCATIONS AT ALL EXTERIOR WALLS. INSULATION TO BE INSTALLED BEFORE TUB OR SHOWER ENCLOSURE IS INSTALLED.
- SEAMS BETWEEN KING AND TRIMMER STUDS AT WINDOWS AND DOORS TO BE SEALED WITH

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ARC Sketch Review 01/14/2021

100% C.D.

REV. #

Drawn By S. D'AGOSTINO

Project # 2021.00

Phase DD

**GENERAL NOTES** 



METAL ROOFING STANDING SEAM, 2" MECH. RIB WITH STRIATIONS & MASTIC, 16" R1 RIB SPACING COLOR: SLATE GREY RAWHIDE MFR: TBD

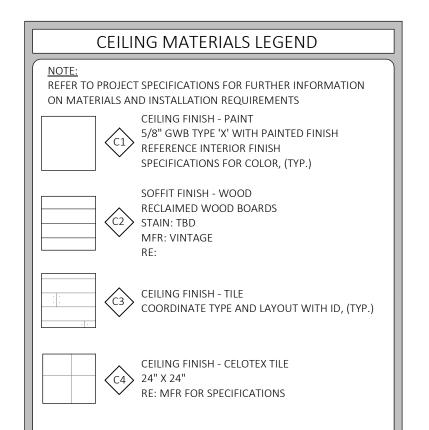
BALLAST ROOFING EPDM ROOF WITH RIVER ROCK
BALLAST COLOR: GREY MIX

2x10 RECLAIMED WOOD BOARD RAINSCREEN, HORIZONTAL WITH 1" SPACING COLOR: VARIED GREY MFR: MRL RE: 1/A5-1.2

STONE MASONRY VENEER
NATURAL RECTANGULAR CUT
DEEP CREEK 1 1/2" VENEER LAYUP: RE: 2/A5-1.2

> PATINATED STEEL SIDING PANELS, 1/8",W/EXPOSED FASTENERS, SEE ELEVATIONS FOR SEAM SPACING PATINA: VARIED BROWN/BLACK MFR: TBD RE: 3/A5-1.2

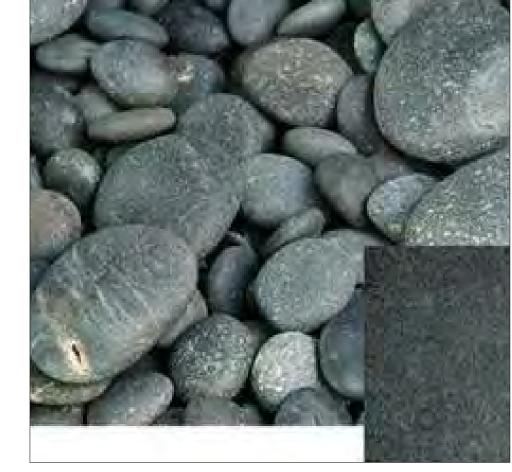
EXTERIOR MATERIAL QUANTITIES						
MATERIAL		ELEVATION (SF/%)				
	NORTH	EAST	SOUTH	WEST	TOTAL	
STONE	1180/28.9	946/42.1	211/17.4	852/57.8	3,189/ <b>35.4</b>	
METAL	507/12.4	431/19	494/16.8	90/6.1	1,522/16.9	
WOOD	467/11.4	434/19.3	203/25	371/25.2	1,475/16.4	
FENESTRATION	1929/47.2	441/19.6	302/40.1	161/10.9	2,833/31.4	

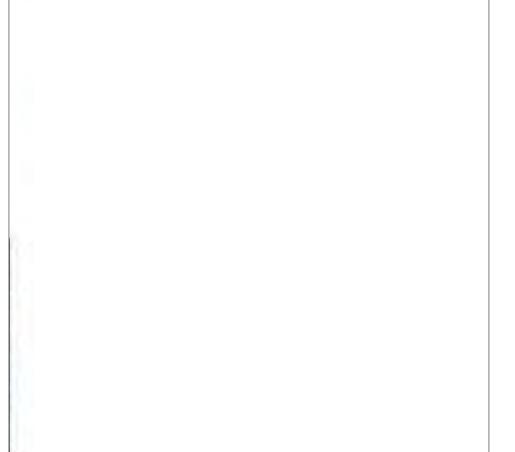


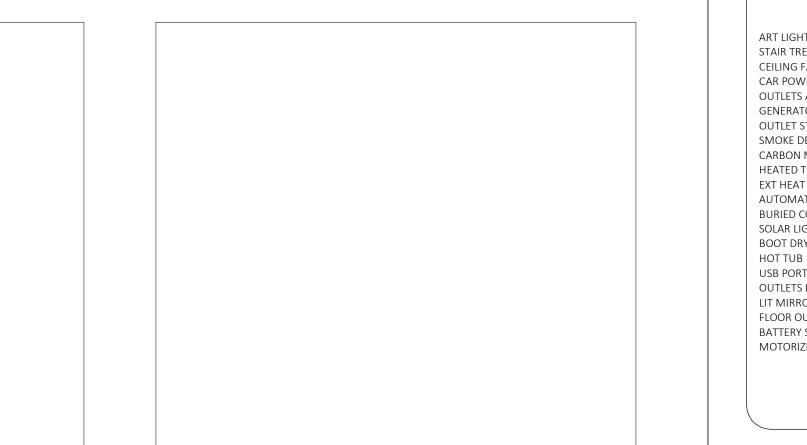
ALL SAMPLES TO BE SUBMITTED TO ARCHITECT NOTE: AFTER S4 METAL SIDING SAMPLE IS SUBMITTED AND APPROVED, RECONFIRM METAL ROOF, FLASHING, GUTTER AND D.S. FINISH W/ ARCH.

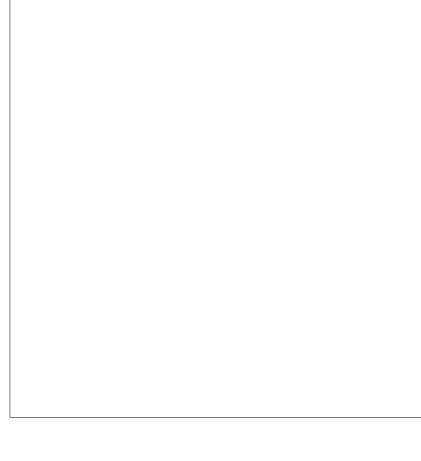
## MATERIAL BOARD

















<u>TIMBERS</u>



STONE TYPE D EXTERIOR BOULDERS

## ELECTRICAL SPEC.

AUTOMATED LIGHTING SYSTEM MOTION ACTIVATED LIGHTS CLOSETS PANTRY ART LIGHTING STAIR TREAD LIGHTING CEILING FANS YES/NO CAR POWER CHARGING STATION YES/NO OUTLETS ABOVE FIREPLACE MANTELS YES/NO GENERATOR OUTLET STRIP BELOW CABINETS SMOKE DETECTOR CARBON MONOXIDE DETECTOR HEATED TOWEL RACKS EXT HEAT LAMPS AUTOMATED WINDOW COVERINGS BURIED CONDUIT BELOW DRIVEWAY SOLAR LIGHT AT ADDRESS MONUMENT BOOT DRYER HOT TUB USB PORTS YES/NO OUTLETS IN VANITY DRAWER YES/NO LIT MIRROR YES/NO FLOOR OUTLETS BATTERY STORAGE MOTORIZED WINDOWS

APPLIANCE SP	PEC.
COOK TOP	YES/NO
GAS	YES/NO
ELECTRIC	YES/NO
NUMBER OF BURNERS	-
RANGE	YES/NO
DROP-IN	YES/NO
FREESTANDING	YES/NO
GAS	YES/NO
ELECTRIC	YES/NO
DUAL FUEL	YES/NO
NUMBER OF BURNERS	-
ADDITIONAL WALL OVEN	YES/NO
SINGLE	YES/NO
DOUBLE	YES/NO
OVEN/MICROWAVE COMBO	YES/NO
GAS	YES/NO
ELECTRIC	YES/NO
MANUFACTURER	-
MICROWAVE OVEN	
FREESTANDING	YES/NO
ABOVE	YES/NO
BELOW	YES/NO
WALL OVEN UNIT	YES/NO
MANUFACTURER	-
DISHWASHER	YES/NO
MANUFACTURER	YES/NO
REFRIGERATOR/FREEZER	,
SIDE BY SIDE DOORS	YES/NO
ONE DOOR WITH FREEZER INT.	YES/NO
TOP FREEZER	YES/NO
BOTTOM FREEZER	YES/NO
FREESTANDING	YES/NO
BUILT INTO CABINET	YES/NO
FRONT PANEL	-
MANUFACTURER	-
BEVERAGE CENTER/DRAWER	YES/NO
ICE MAKER	YES/NO
WARMING DRAWER	YES/NO
TRASH COMPACTOR	YES/NO

FREESTANDING **BUILT INTO CABINET** FRONT PANEL MANUFACTURER UNDER COUNTER OVER COUNTER YES/NO FRONT PANEL MANUFACTURER BAR WINE CHILLER YES/NO FREESTANDING YES/NO YES/NO BUILT INTO CABINET FRONT PANEL MANUFACTURER YES/NO OUTDOOR BBQ YES/NO CHARCOAL YES/NO YES/NO FREESTANDING YES/NO **BUILT IN** SIDE RANGES YES/NO YES/NO MANUFACTURER YES/NO OUTDOOR MINI FRIDGE YES/NO FREESTANDING YES/NO **BUILT INTO CABINET** FRONT PANEL MANUFACTURER FRONT LOADER CLOTHES WASHER/DRYER YES/NO MANUFACTURER YES/NO

PHOTO VOLTAIC SOLAR HOT WATER WIND TURBINES GEOTHERMAL WASTE DIVERSION LOW VOC INTERIOR PAINT YES **BLOWER DOOR TEST** 

BAR MINI FRIDGE YES/NO YES/NO YES/NO YES/NO YES/NO

TOP LOADER CLOTHES WASHER/DRYER MANUFACTURER MASTER LAUNDRY STACKED WASHER/DRYER YES/NO OTHER APPLIANCES

## MATERIAL TYPE SCHEDULE /

		SC	CHEDULE			
METAL	<u>APPLICATION</u>	MFR.	SPECIES/TYPE	<u>TEXTURE</u>	COLOR/FINISH	<u>COMMENTS</u>
TYPE 'A'	FLASHING	BRIDGER STEEL	-	-	PRE-FINISHED	MATCH R1 ROOF FINISH
TYPE 'B'	EXPOSED STRUCTURAL STEEL	T.B.D.	PER STRUCTURAL	-	PAINTED	
TYPE 'C'	DECORATIVE	T.B.D.	-	T.B.D.	PATINA	GC TO SUBMIT SAMPLES TO MATCH PROVIDED
TYPE 'D'	WALL PANELING	T.B.D.	-	T.B.D.	PATINA	IMAGES - RAW STEEL W/ PENETROL OR SIM. COA
WOOD						
TYPE 'A'	TIMBER BEAMS & POSTS	T.B.D.	NEW DOUGLAS FIR	WIRE BRUSHED	STAINED	
TYPE 'B'	FASCIA	T.B.D.	CEDAR	WIRE BRUSHED	STAINED	
TYPE 'C'	EXTERIOR TRIM	T.B.D.	CEDAR	WIRE BRUSHED	STAINED	
TYPE 'D'	INTERIOR TRIM	T.B.D.	SPRUCE	SMOOTH	T.B.D.	
STONE						
TYPE 'A'	PRIMARY WALL VENEER	QUARRY WORKS	DEEP CREEK	T.B.D.	T.B.D.	
TYPE 'B'	CAP STONE	QUARRY WORKS	DEEP CREEK	T.B.D.	T.B.D.	
TYPE 'C'	EXTERIOR PATIO FLAGSTONE	T.B.D.	T.B.D.	T.B.D.	T.B.D.	
TYPE 'D'	EXTERIOR BOULDERS	QUARRY WORKS	DEEP CREEK	T.B.D.	T.B.D.	

- ALL CUT ENDS, MITERS, & CORNERS TO BE SEALED W/ MFR RECCOMENDED SEALANT/STAIN
- COORD. W/ MFR FOR ADDITIONAL TOUCH UP STAIN COORD. W/ MFR ON TOUCH UP APPLICATIONS AND TREATMENTS

## INSULATION SPECIFICATIONS

		INSULATIO	ON SCHEDULE - PROJECT SPECIFIC	
CANUTY	R - V/	ALUE		
CAVITY	MINIMUM	PROJECT SPECIFIC		
ROOFS OVER HEATED SPACES	R-49	R-51	8.5" MIN OF SPRAY APPLIED POLYURETHANE INSULATION	
EXTERIOR WALLS	R-20	R-24	4" MIN. OF SPRAY APPLIED POLYURETHANE INSULATION	
INTERIOR WALLS	-	R-15	RECOMMENDED 4" BLOWN IN CELLULOSE - DAMP SPRAYED OR EQUIVALENT ROCK WOOL BATT INSULATION	
FLOORS OVER UNHEATED SPACES	R-30	R-36	6" MIN. OF SPRAY APPLIED POLYURETHANE INSULATION	
FLOORS OVER HEATED SPACES	-	-	3.5" MINERAL FIBER BATT INSULATION IN FLOORS OVER HEATED SPACES FOR SOUND INSULATION	
BASEMENT WALL	R-15/19	R-19	R-19 BATT INSULATION - WHERE STUD BAY EXISTS 3.5"-2" POLYURETHANE TAPER ELSEWHERE	
LID	R-20	R-24	4" SPRAY POLYURETHANE INSULATION OR EQ.	
CRAWL SPACE WALL	R-15/19	R-21	3.5" SPRAY POLYURETHANE	
UNDER CONC. SLAB	R-10/13	R-14	2" OF DOW 'STYROFOAM BRAND SM' INSULATION	

ARCHITECT'S RECOMMENDATION FOR ALL EXTERIOR EAVES AND RAKES TO RECEIVE MIN. OF 3" BLOWN IN POLYURETHANE INSULATION UNLESS NOTED OTHERWISE. DEDUCT ALTERNATE AS APPROVED BY ARCHITECT TO REPLACE 4" SPRAY APPLIED POLYURETHANE INSULATION AT EXTERIOR WALLS WITH AN R-11 MINERAL FIBER BATT OVER TOP OF 2" SPRAY APPLIED POLYURETHANE INSULATION. ARCHITECTS RECOMMENDATION FOR BASEMENT FURRING WALLS TO RECEIVE 3.5" BLOWN IN POLYURETHANE INSULATION IN PLACE OF R-19 BATT. DEDUCT ALTERNATE AS APPROVED BY ARCHITECT TO REPLACE 2" NCFI SPRAY APPLIED POLYURETHANE INSULATION UNDER CONCRETE SLAB WITH 2" POLY-ISOCYANURATE RIGID FOAM INSULATION.

<u>TBD</u>

CONTEMPORARY PROFILE, CLEAR PINE INTERIOR,

BLACK EXTERIOR

GENERAL CONTRACTOR TO PROVIDE COST COMPARISON FOR BLOWN-IN WET CELLULOSE PRODUCT TO REPLACE BATT INSULATION IN EXTERIOR WALLS AND FLOORS. THERMAL IMAGING TEST SHALL BE PERFORMED AND REPORT SUBMITTED TO OWNER AND ARCHITECT AT A MINIMUM, ALL INTERIOR WALLS SEPARATING BEDROOMS AND/OR BATHROOMS SHALL BE INSULATED AS SPECIFIED ABOVE. IT IS STRONGLY RECOMMENDED THAT ALL INTERIOR WALLS BE INSULATED. FOAM INSULATING SEALANT AT ALL WINDOWS AND DOORS. INSULATION REQUIRED AT ALL HEADERS UNLESS HEADER FILLS CAVITY

WALL INTEGRATED -

GARAGE DOOR AUTOMATIC CLOSE TIMER -

SURFACE MOUNT -

NETWORK / DATA SYSTEM -

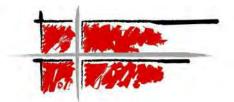
		FORCED AIR HEATING
ENVIRONMENTAL SECURITY		RADIANT HEAT -
WATER -	YES	IN GARAGE
LOW TEMP/FREEZE -	YES	HEAT RECOVERY VEN
WATER COP -	YES	HUMIDIFIER UNIT -
		FORCED AIR COOLING
SECURITY LIFE SAFETY & INTRUSION		VISIBLE THERMOSTAT
CO -	YES	REMOTE THERMOSTA
HEAT -	YES	
SMOKE -	YES	WATER FILTRATION -
GAS -	YES	WATER SOFTENER -
DOORS -	-	REVERSE OSMOSIS -
MOTION -	_	
SIRENS & STROBE -	_	OXYGEN -
SPRINKLER -	YES	BACK UP POWER -
SEPTIC ALARM -	_	BATTERY
		GENERATOR
ACCESS CONTROL -	-	ACTIVE RADON MITIG
SECURITY CAMERAS -	_	PROPANE -
HOME AUTOMATION -	-	SNOW MELT-
BUILT - IN SPEAKERS -	_	
TV/DISPLAYS -	YES	CRAWLSPACE EXHAUS
GAMING SYSTEM -	_	PROPANE DETECTION
THEATER/MEDIA RM -	_	GARAGE EXHAUST FAI
EXTERIOR AUDIO/VIDEO	_	BATHROOM EXHAUST
LIGHTING CONTROL -	_	KITCHEN MAKE UP AIF
AUTOMATED SHADES -	_	GARAGE UNIT HEATER
CEILING INTEGRATED -	_	DOMESTIC HOT WATE

NAFOLL CVCTEN	10
MECH. SYSTEN	/15/
FORCED AIR HEATING SYSTEM -	YES
RADIANT HEAT -	YES
IN GARAGE	YES
HEAT RECOVERY VENTILATION SYSTEM -	_
HUMIDIFIER UNIT -	_
FORCED AIR COOLING -	YES
VISIBLE THERMOSTAT -	_
REMOTE THERMOSTAT -	_
WATER FILTRATION -	
	_
WATER SOFTENER -	_
REVERSE OSMOSIS -	_
OXYGEN -	
BACK UP POWER -	_
BATTERY	_
GENERATOR	_
ACTIVE RADON MITIGATION -	– YFS

ON SYSTEM JST FANS AIR SYSTEM DOMESTIC HOT WATER RECIRCULATION PUMP

## CENTRE SKY

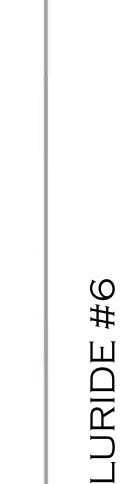
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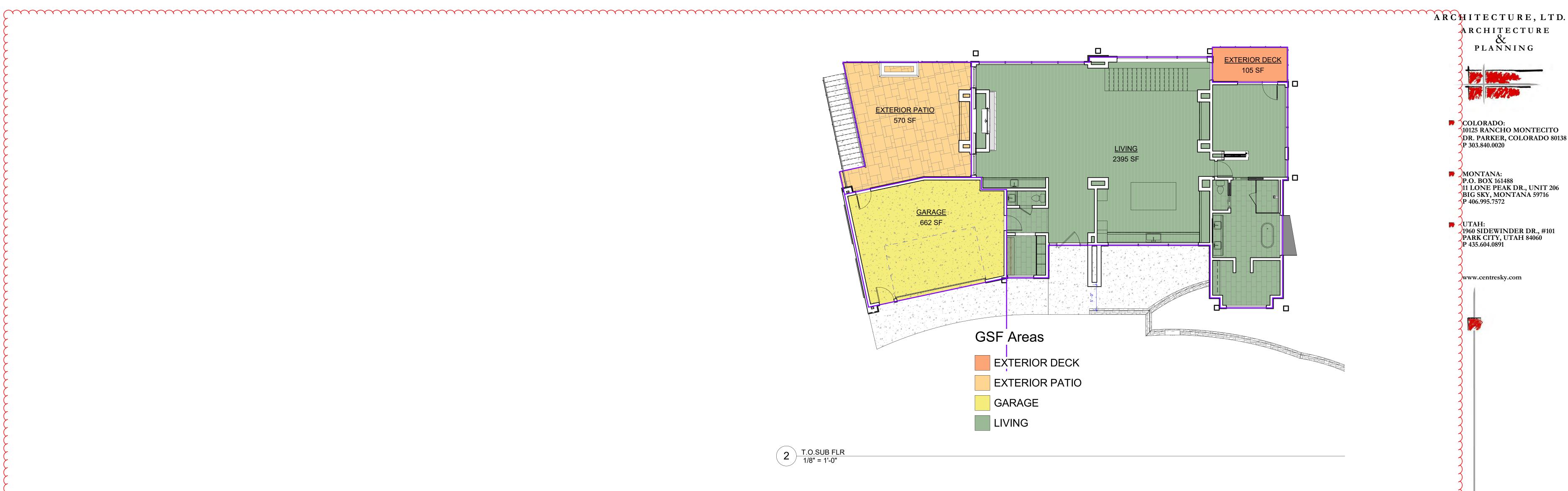


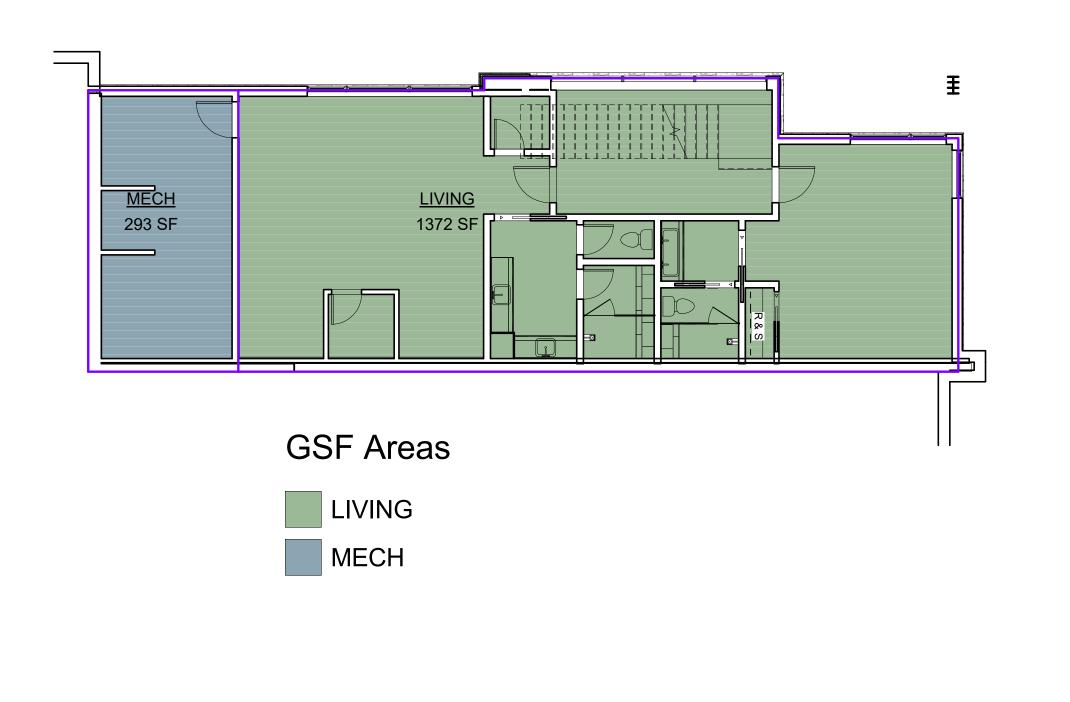
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	ARC Final	Review	-
	■ 100% C.D		-
	■ REV. #		-
	Drawn By	S. D'AGO	STINO
	Date	02/09/20	21

Project # 2021.00 Phase DD

**SPECIFICATIONS** 

## CENTRE SKY





**GSF** Areas EXTERIOR DECK EXTERIOR PATIO LIVING

T.O. ROCK BOTTOM
1/8" = 1'-0"

3 T.O. SLAB 1/8" = 1'-0"

Commence and the commence of t

<u>DEFINITIONS</u>: SQUARE FOOT: LIVABLE FLOOR AREA AS MEASURED FROM EXTERIOR FACE OF STUD OR FACE OF CONCRETE WALL, INCLUDING THICKNESS OF ALL WALLS, INTERIOR AND EXTERIOR (EXCLUDING EXTERIOR FINISHES); DOES NOT INCLUDE FIREPLACE BUMP-OUTS, MECHANICAL SPACES, GARAGE SPACES, AND UNFINISHED BASEMENT AND/OR ATTIC SPACE.

GROSS SQUARE FOOT: TOTAL BUILDING AREA AS MEASURED FROM EXTERIOR DIMENSIONS INCLUDING THICKNESS OF ALL WALLS, INTERIOR AND EXTERIOR (EXCLUDING EXTERIOR FINISHES), MECHANICAL SPACES, GARAGE SPACES, AND ACCESSIBLE UNFINISHED SPACE; DOES NOT INCLUDE CRAWL SPACES, PATIOS AND DECKS.

PROJECT SQUARE FOOTAGE				
LEVEL	NAME	AREA		
T.O. SUB FLR ROCK BOTTOM	LIVING	1372.0 SF		
T.O. SUB FLR LOWER	LIVING	2788.1 SF		
T.O.SUB FLR MAIN	LIVING	2395.3 SF		
HABITABLE		6555.5 SF		
T.O. SUB FLR ROCK BOTTOM	MECH	293.2 SF		
T.O.SUB FLR MAIN	GARAGE	662.2 SF		
NON HABITABLE		955.4 SF		

7510.9 SF

EXTERIOR SQUARE FOOTAGE			
LEVEL	NAME	AREA	
SUB FLR VER	EXTERIOR DECK	105.0 SF	
SUB FLR VER	EXTERIOR PATIO	339.9 SF	
SUB FLR MAIN	EXTERIOR DECK	105.0 SF	
SUB FLR MAIN	EXTERIOR PATIO	569.5 SF	
AL EXTERIOR		1119.5 SF	
	_		

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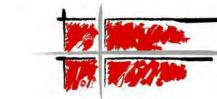
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	ARC Final Review	-
	■ 100% C.D.	-
	■ REV. #	-

Drawn By S. D'AGOSTINO Project # 2021.00 Phase DD

**AREA PLANS** 

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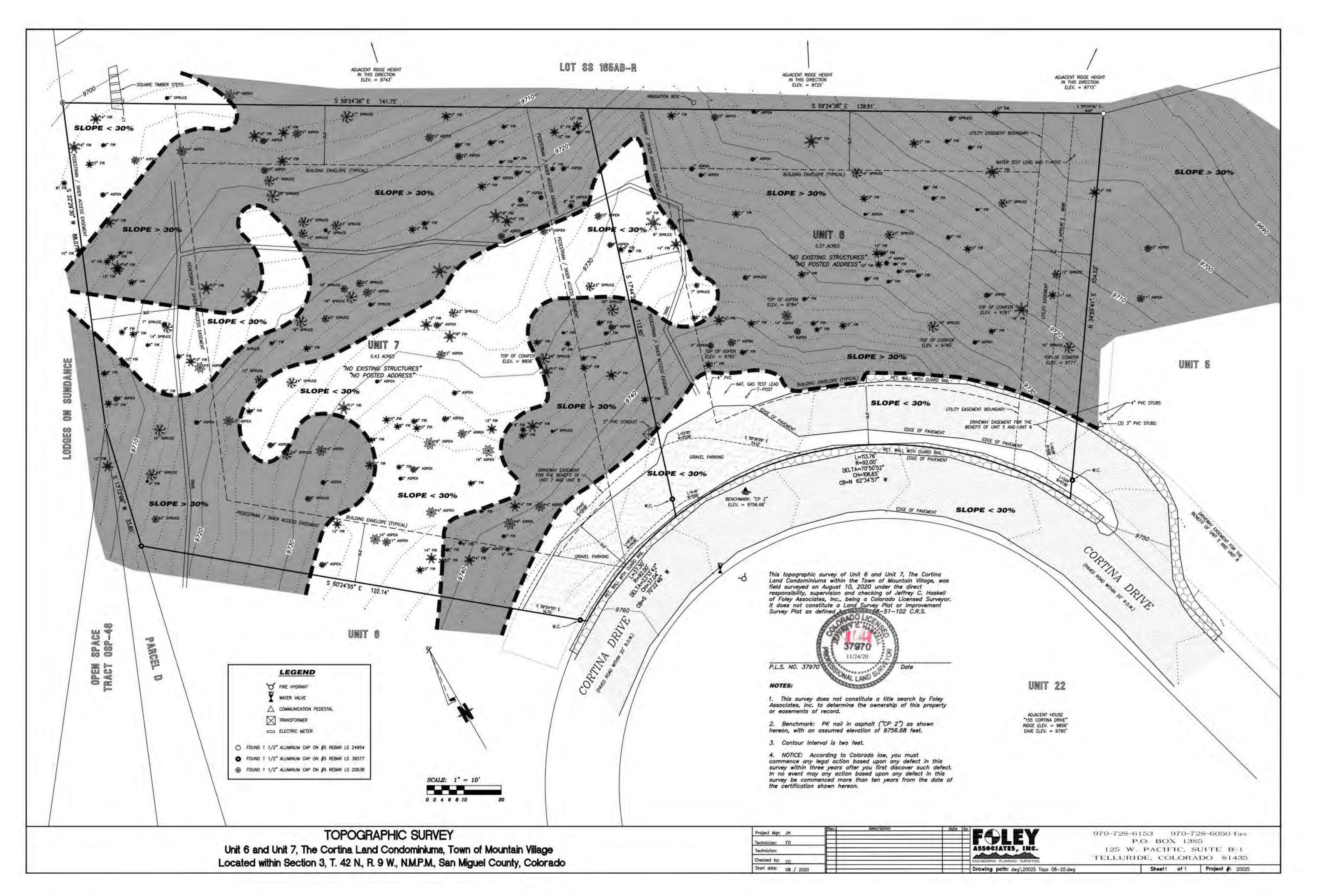


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ARC Sketch Review	01/14/202
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■ REV. #	-

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Phase DD

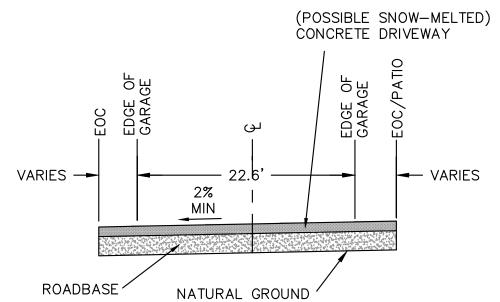
C1-0.0 **SURVEY** 



# FOUNDATION WALL PROPOSED MINOR 2' CONTOURS (TYP) - PROPOSED MAJOR 10' CONTOURS (TYP) RETAINING WALL MAX HEIGHT=15' T GRADE PATIO EXISTING MAJOR 10' CONTOURS (TYP) \_ EXISTING MINOR 2' CONTOURS (TYP) - COLUMNS (TYP) TRENCH DRAIN (SEE UTILITY PLAN) PARAPET RETAINING WALL (SEE ARCHITECTURAL PLANS) WITH DRAINAGE WEEP HOLES EXISTING TREES (TYP AREA DRAIN (SEE UTILITY PLAN) RETAINING WALL \_\MAX\HEIGHT=9' WITH DRAINAGE WEEP HOLES GRAVEL PARKING 16' DRIVEWAY AND ACCESS EASEMENT FOR UNITS 6, 7, 8 LOCATED ON UNIT 6 - PLANTER/ROCK AREA CORTINA DRIVE (PAVED ROAD WITHIN 20' R.O.W.) PROPOSED EDGE OF PAVEMENT RETAINING WALL MAX HEIGHT=4' WITH WEIR ON TOP OF WALL FOR SWALE UNIT 22 UNIT 5 UTILITY EASEMENT BOUNDARY -DRIVEWAY EASEMENT FOR THE \_ BENEFIT OF UNIT 5 AND UNIT 6 SCALE: 1" = 10'DRB GRADING PLAN

## **NOTES**

- 1. THIS IS A PLANNING DOCUMENT ONLY AND NOT TO BE USED FOR
- 2. MAXIMUM GRADING 2.5:1. ANY SLOPES GREATER THAN 2.5:1 ARE SHOWN AS THEY HAVE TO CONNECT INTO EXISTING STEEPER SLOPES AND TO BE CONFIRMED BY GEOTCHNICAL ENGINEER PRIOR TO FINAL CONSTRUCTION
- 3. ALL EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY FOLEY ASSOCIATES INC. DATED 08/2020 WITH A BENCHMARK BEING PK NAIL IN ASPHALT ('CP 2') WITH ASSUMED ELEVATION OF 9756.68 FEET. CONTACT JEFF HASKELL AT (970) 728-6153 FOR MORE BENCHMARK INFORMATION.
- 4. ALL RETAINING WALL HEIGHTS AREA FINISHED GRADE TO FINISHED GRADE (RETAINED HEIGHT) AND DO NOT INCLUDE FOUNDATIONS OR CAPS.
- 5. RETAINING WALLS WITH PEDESTRIAN ACCESS REQUIRE HARD RAILS FOR ALL RETAINED HEIGHT OVER 2.5' (SEE ARCHITECTURAL, STRUCTURAL, AND/OR LANDSCAPE PLANS).
- 6. NO DETENTION PROPOSED AS THIS SITE IS PART OF CONDOMINIUM SUBDIVISION AND HAS EXISTING DRAINAGE FACILITIES.

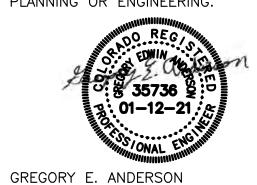


## TYPICAL DRIVEWAY SECTION

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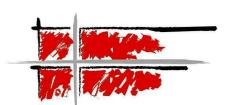
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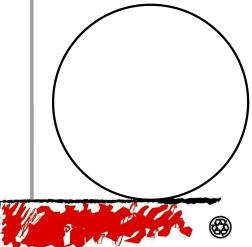
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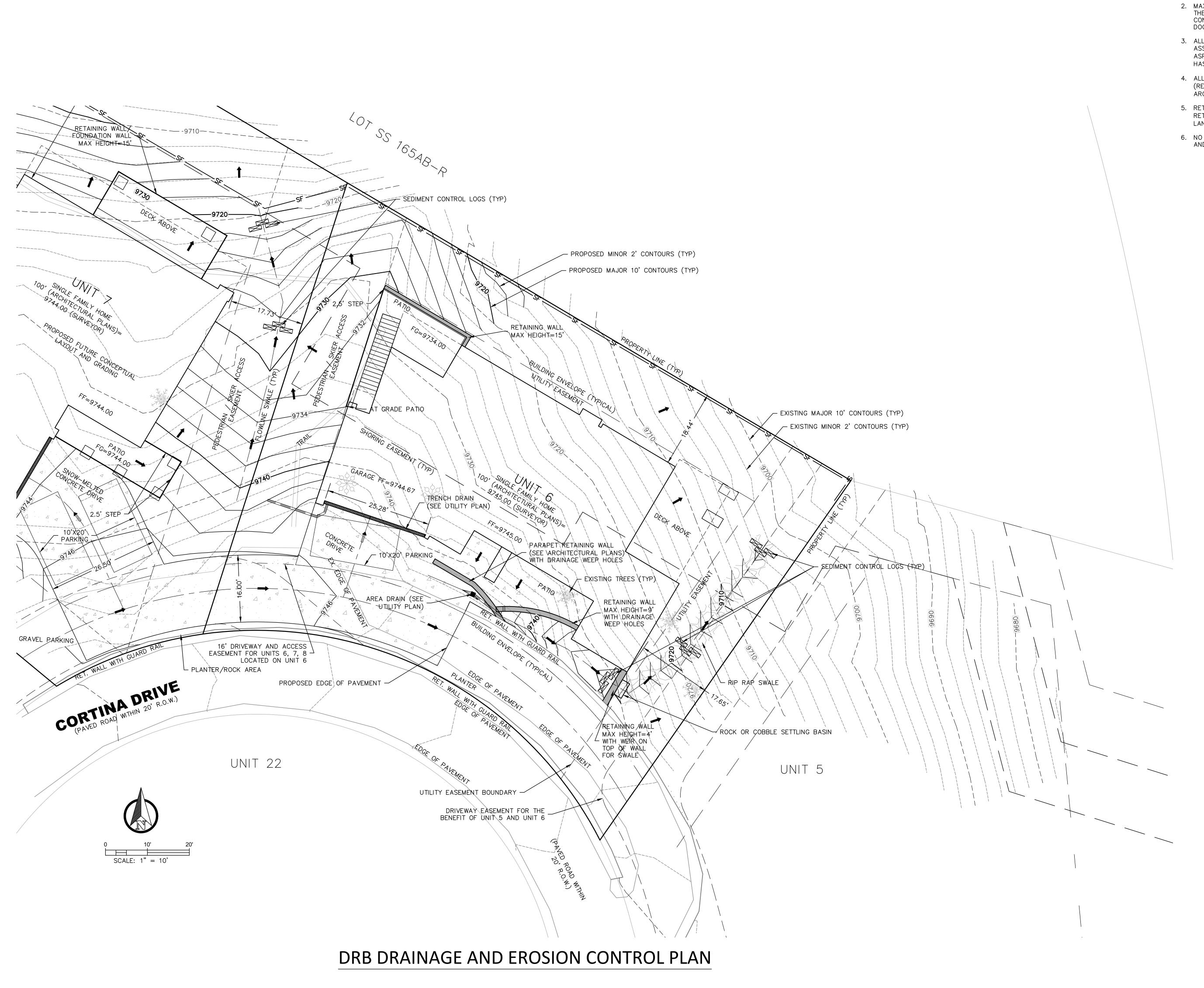
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Drawn By S. D'AGOSTINO Date 1/13/2021 Project # 2021.00

C1-0.1

DRB GRADING

Phase SD



## NO.

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- 3. ALL EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY FOLEY ASSOCIATES INC. DATED 08/2020 WITH A BENCHMARK BEING PK NAIL IN ASPHALT ('CP 2') WITH ASSUMED ELEVATION OF 9756.68 FEET. CONTACT JEFF HASKELL AT (970) 728-6153 FOR MORE BENCHMARK INFORMATION.
- 4. ALL RETAINING WALL HEIGHTS AREA FINISHED GRADE TO FINISHED GRADE (RETAINED HEIGHT) AND DO NOT INCLUDE FOUNDATIONS OR CAP (SEE ARCHITECTURAL, STRUCTURAL, AND/OR LANDSCAPE PLANS).
- 5. RETAINING WALLS WITH PEDESTRIAN ACCESS REQUIRE HARD RAILS FOR ALL RETAINED HEIGHT OVER 2.5' (SEE ARCHITECTURAL, STRUCTURAL, AND/OR LANDSCAPE PLANS).
- 6. NO DETENTION PROPOSED AS THIS SITE IS PART OF CONDOMINIUM SUBDIVISION AND HAS EXISTING DRAINAGE FACILITIES.

## LEGEND

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UNDERGROUND MEMBER UTILITIES.

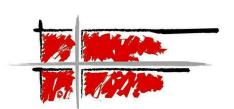
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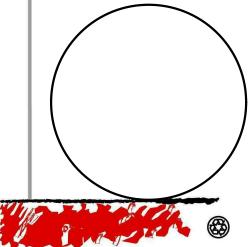
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Date 1/13/2021

Project # 2021.00

Phase SD

C1-0.2

DRB DRAINAGE

## RETAINING WALL/ . FOUNDATION WALL EXISTING IRRIGATION BOX CONNECT TO EXISTING SEWER - TAP WITH 4" PVC SDR 35 @ 2.0% MAX AND 12.0% MIN RETAINING WALL MAX HEIGHT=15' \_ ELECTRICAL SERVICE WITH METER AT HOUSE GAS SERVICE WITH METER AT HOUSE AT GRADE PATIO PROPOSED WATER SERVICE TO CONNECT TO EXISTING TAP ON LOT (SEE NOTE 2) FIRE SERVICE STANDPIPE 4' X 2-1/2" X 2-1/2" \_ CONNECTION WITH 2-1/2" HOSE VALVE AND CAP - 8" TRENCH DRAIN WITH OUTLET PIPE TO SWALE FIRE SERVICE STANDPIPE 4' X 2-1/2" X 2-1/2" CONNECTION WITH PARAPET RETAINING WALL — (SEE ARCHITECTURAL PLANS) WITH DRAINAGE WEEP HOLES 2-1/2" HOSE VALVE EXISTING SEWER SERVICE AND TAP (SEE NOTE 3) /— EXISTING TREES (TYP) AREA DRAIN WITH OUTLET PIPE — THROUGH WALL RETAINING WALL \_ MAX HEIGHT=9' DRYWELL AT LOW POINT TO DRAIN FIRE SERVICE LINE WITH DRAINAGE WEEP HOLES EXISTING UTILITY BOXES - (ELECTRIC AND CABLE) TO BE LOWERED BY 2'± 16' DRIVEWAY AND ACCESS EASEMENT FOR UNITS 6, 7, 8 ► PLANTER/ROCK AREA CORTINA DRIVE X CORTINA DRIVE (PAVED ROAD WITHIN 20' R.O.W.) RIP RẠP SWALE LOCATED ON UNIT 6 RETAINING WALL MAX HEIGHT=4' WITH WEIR ON TOP OF WALL FOR SWALE EXISTING GAS LINE (ASSUMED TAPS/STUBS ON EACH LOT) EXISTING WATER MAIN IN ROAD WITH SERVICE TAPS TO EACH LOT 4" SCH 40 PVC FIRE SERVICE -(LOCATION TO BE CONFIRMED) PROPOSED EDGE OF PAVEMENT -UNIT 5 UNIT 22 UTILITY EASEMENT BOUNDARY - EXISTING CABLE LINE IN SHARED DRIVEWAY DRIVEWAY EASEMENT FOR THE BENEFIT OF UNIT 5 AND UNIT 6 - EXISTING ELECTRICAL LINE IN SHARED DRIVEWAY - 4"X6" STORZ CONNECTION WITH SIGN "NO FIRETRUCK ACCESS" SCALE: 1" = 10'

DRB UTILITY PLAN

## NOTES

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- 2. ALL EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION PROVIDED BY FOLEY ASSOCIATES INC. DATED 08/2020 WITH A BENCHMARK BEING PK NAIL IN ASPHALT ('CP 2') WITH ASSUMED ELEVATION OF 9756.68 FEET. CONTACT JEFF HASKELL AT (970) 728-6153 FOR MORE BENCHMARK INFORMATION. SOME OF THE UTILITY SERVICES LOCATIONS SHOWN ON THIS PLAN ARE FROM MAPPING AS-BUILT INFORMATION ONLY AND NOT CONFIRMED.
- 3. ALL UTILITY LOCATES TO BE PERFORMED PRIOR TO FINAL DESIGN. IT IS RECOMMEND THAT THE SEWER TAP IS POT HOLED PRIOR TO FINAL DESIGN IN ORDER TO DETERMINE IF THE SEWER REQUIRES A PUMP IN THE MECHANICAL

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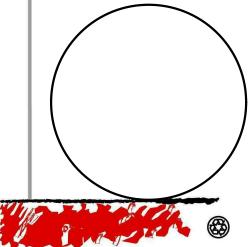


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Phase SD
Sheet

C1-0.3
DRB UTILITY

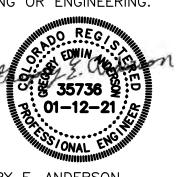
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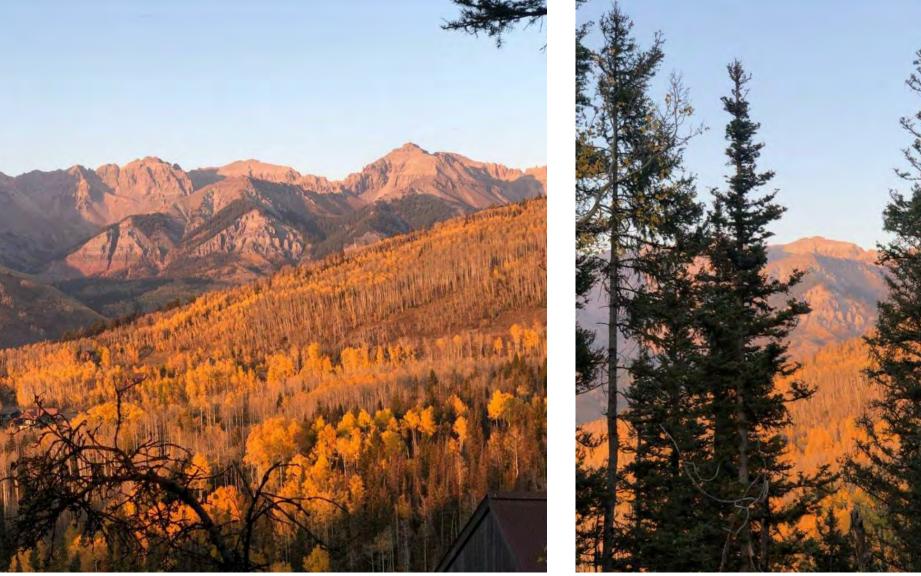
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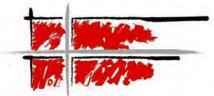








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--- - DRAINTILE W — W NEW WATER LINE S — S NEW SEWER LINE UE—UE NEW ELECTRICAL LINE STRUCTURAL ELEVATIONS T.O. SLAB @ ROCK BOTTOM 78'-0" = 9723' T.O SLAB @ LOWER LEVEL 89'-0" = 9734' 99'-8" = 9744'-8" T.O SLAB @ GARAGE T.O SUBFLOOR @ MAIN LEVEL 100'-0" = 9745'

SNOW MELT LOCATIONS

CONCRETE

SNOW STORAGE

## GENERAL NOTES

DRAINAGE

\_ \_ \_ LIMITS OF CONSTRUCTION

PREVIOUS GRADE LINE

EROSION CONTROL

NEW GRADE LINE

- SEE CIVIL PLANS FOR GRADING & ADDITIONAL SITE DETAILS ALL PERIMETER FOUNDATION DRAINS TO EXIT TO DAYLIGHT
- ALL CONCRETE WASTE SHALL BE CONTAINED ON SITE AND PROPERLY DISPOSED OF AT PROJECT COMPLETION. CONCRETE WASHOUT WITHIN THE ROADSIDE DITCHES IS
- STRICTLY PROHIBITED. EXCESS SOIL FROM CONSTRUCTION TO BE RELOCATED ON SITE W/ GEOTECHNICAL ENGINEER APPROVAL. ANY DAMAGE TO THE EXISTING ROADWAY, INCLUDING THE AC SURFACE, SHOULDER

GRAVEL, ROADSIDE DITCH, EXISTING CULVERTS, AND EXISTING VEGETATION AND EROSION CONTROL MEASURES SHALL BE REPAIRED BY THE GENERAL CONTRACTOR

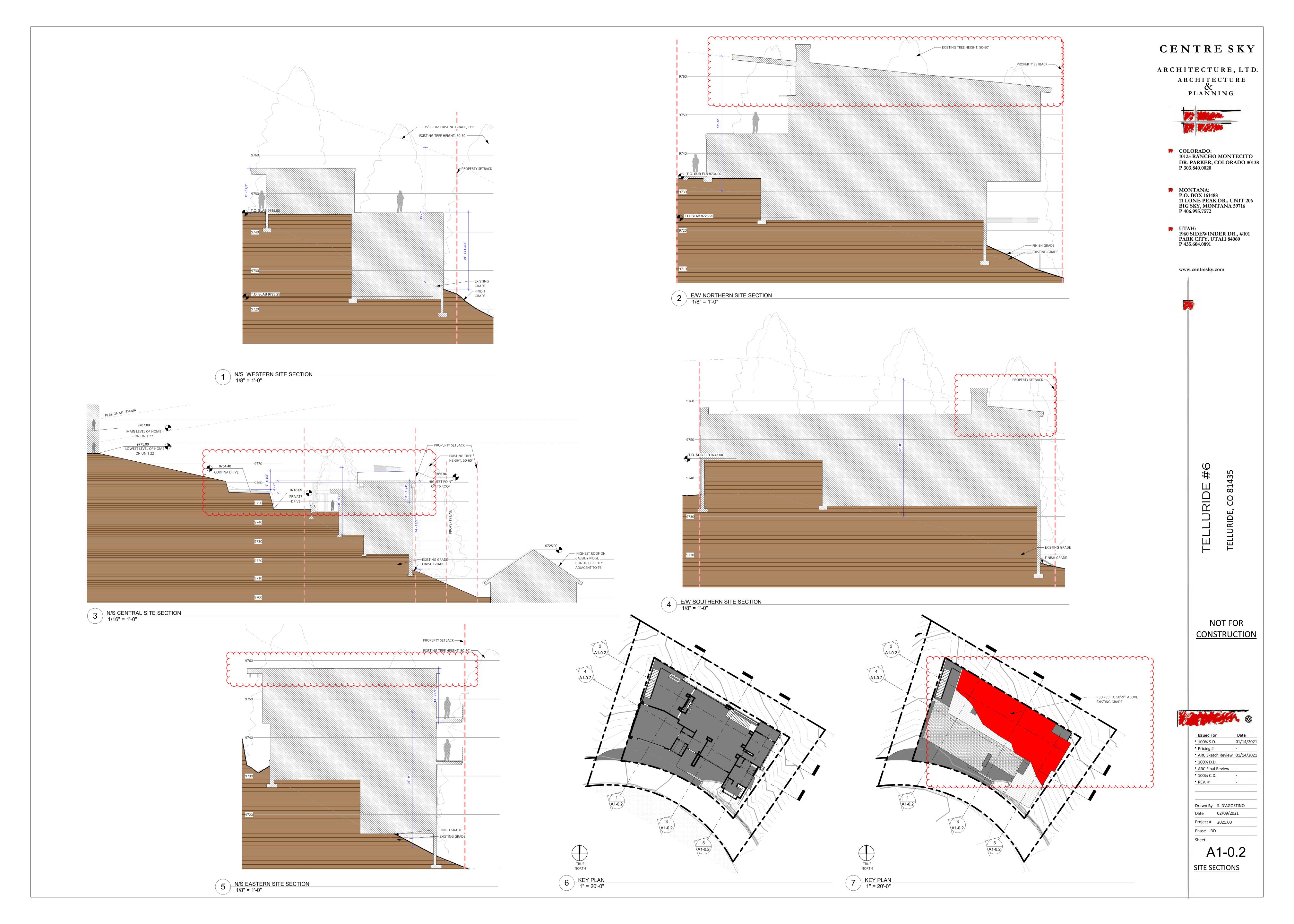


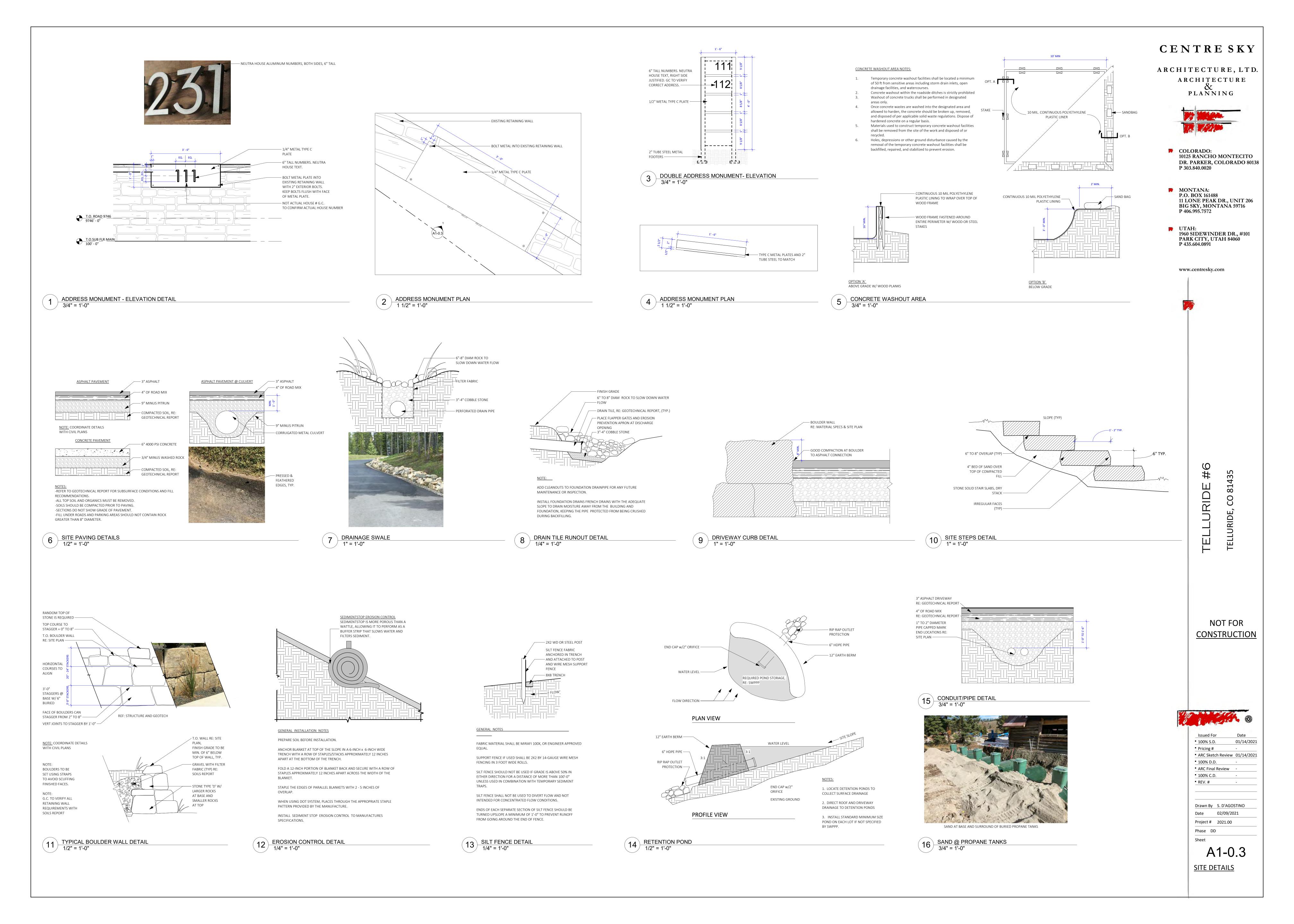
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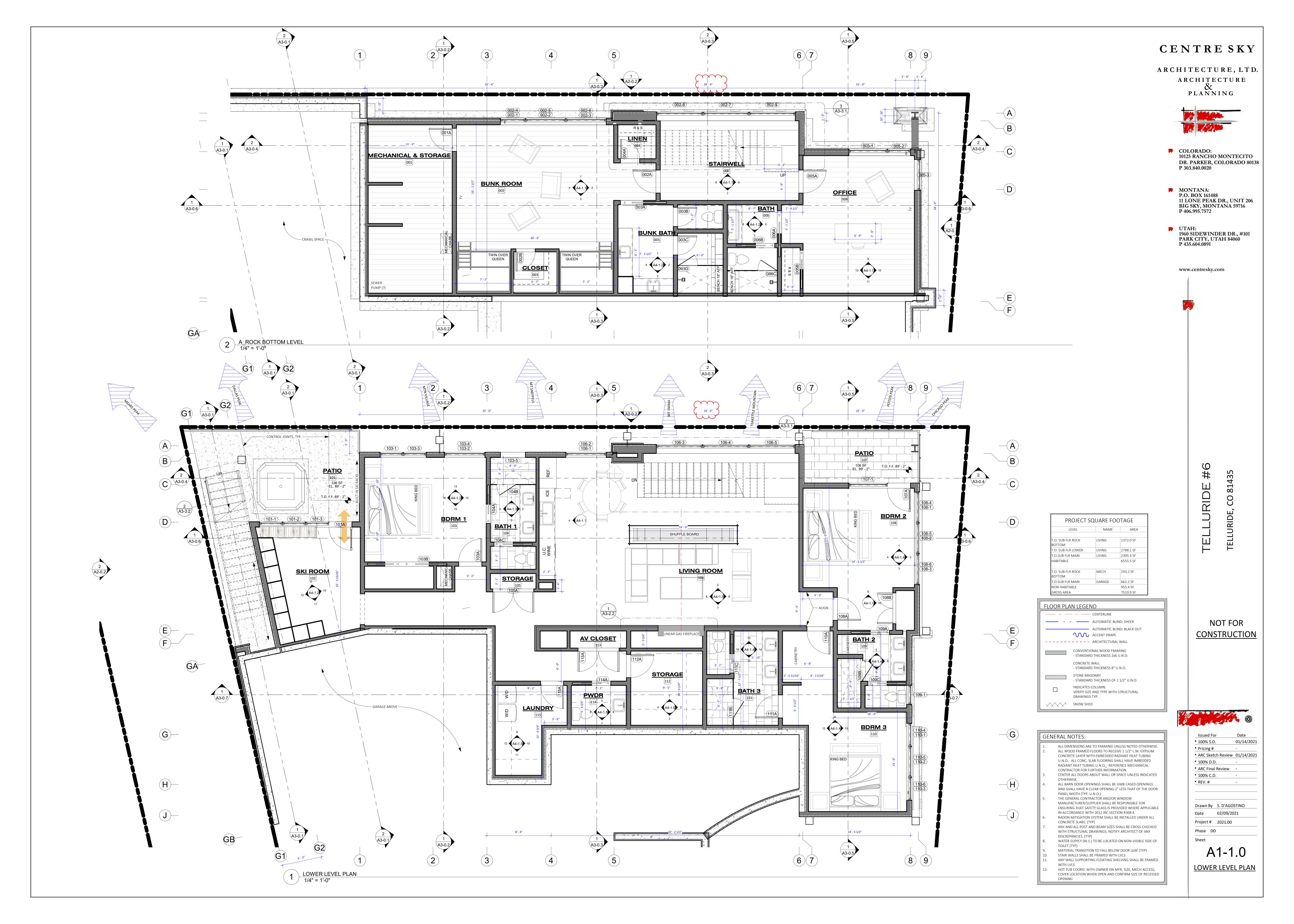
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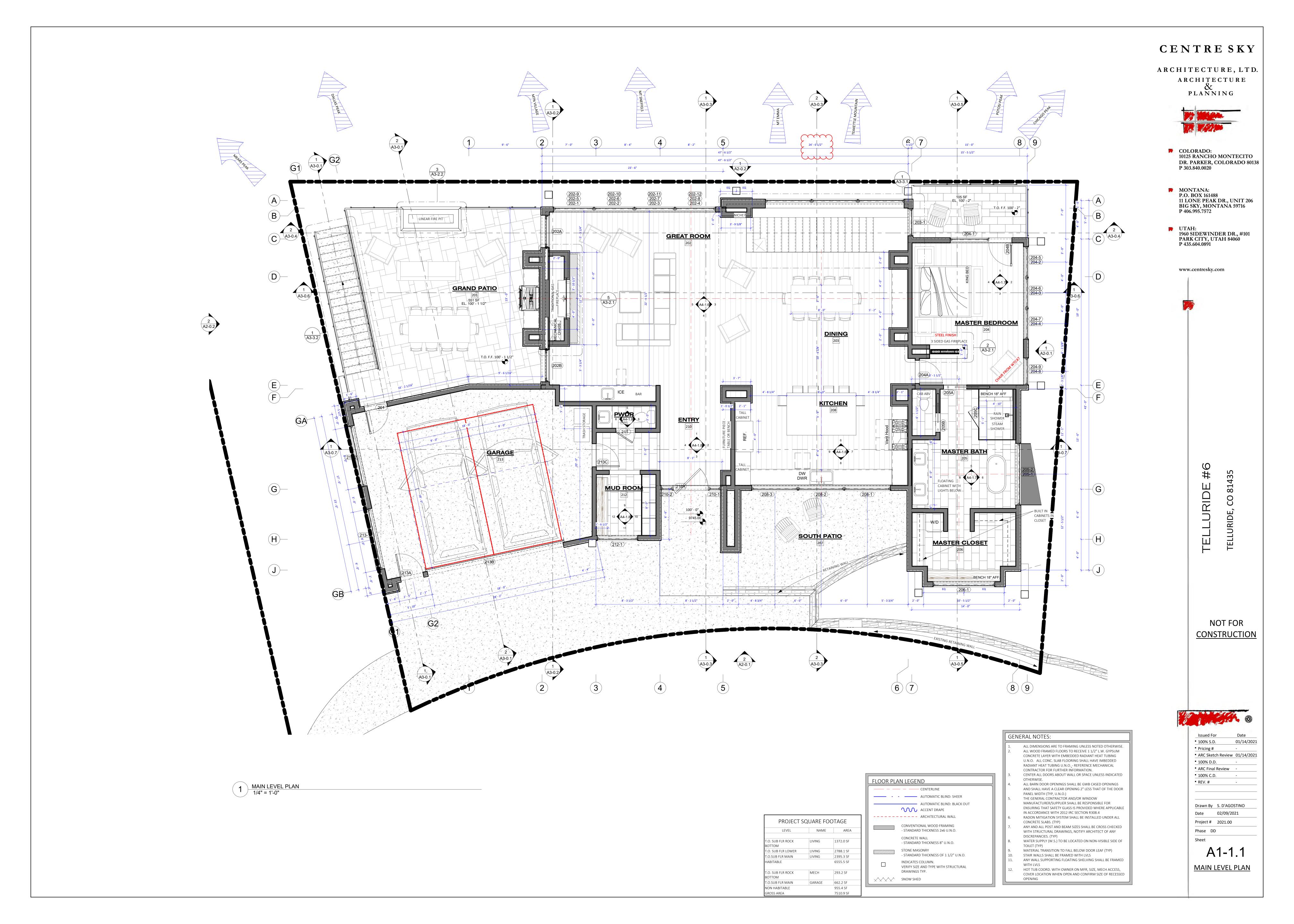
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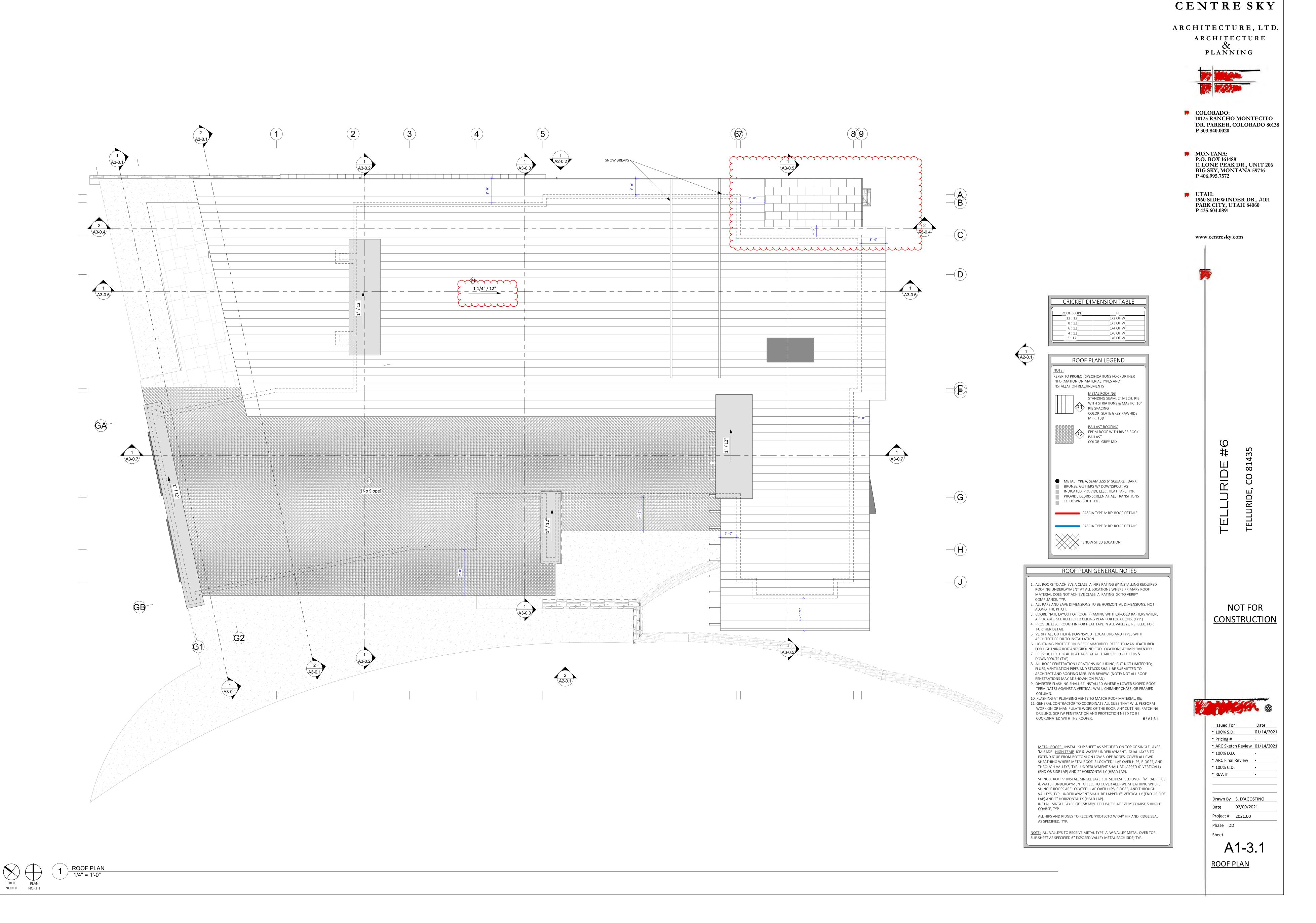
ARCHITECTURAL SITE PLAN

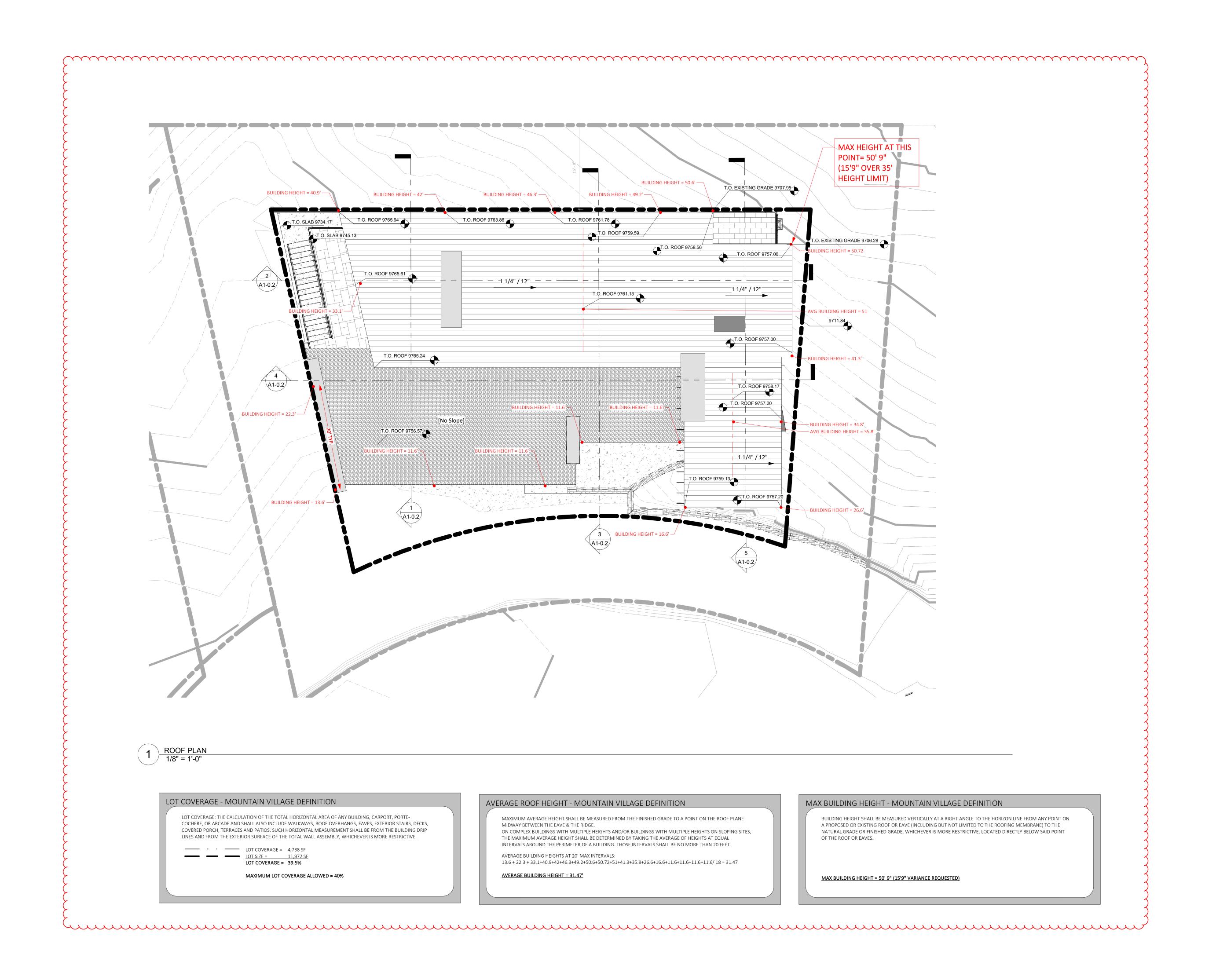










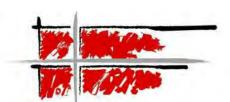


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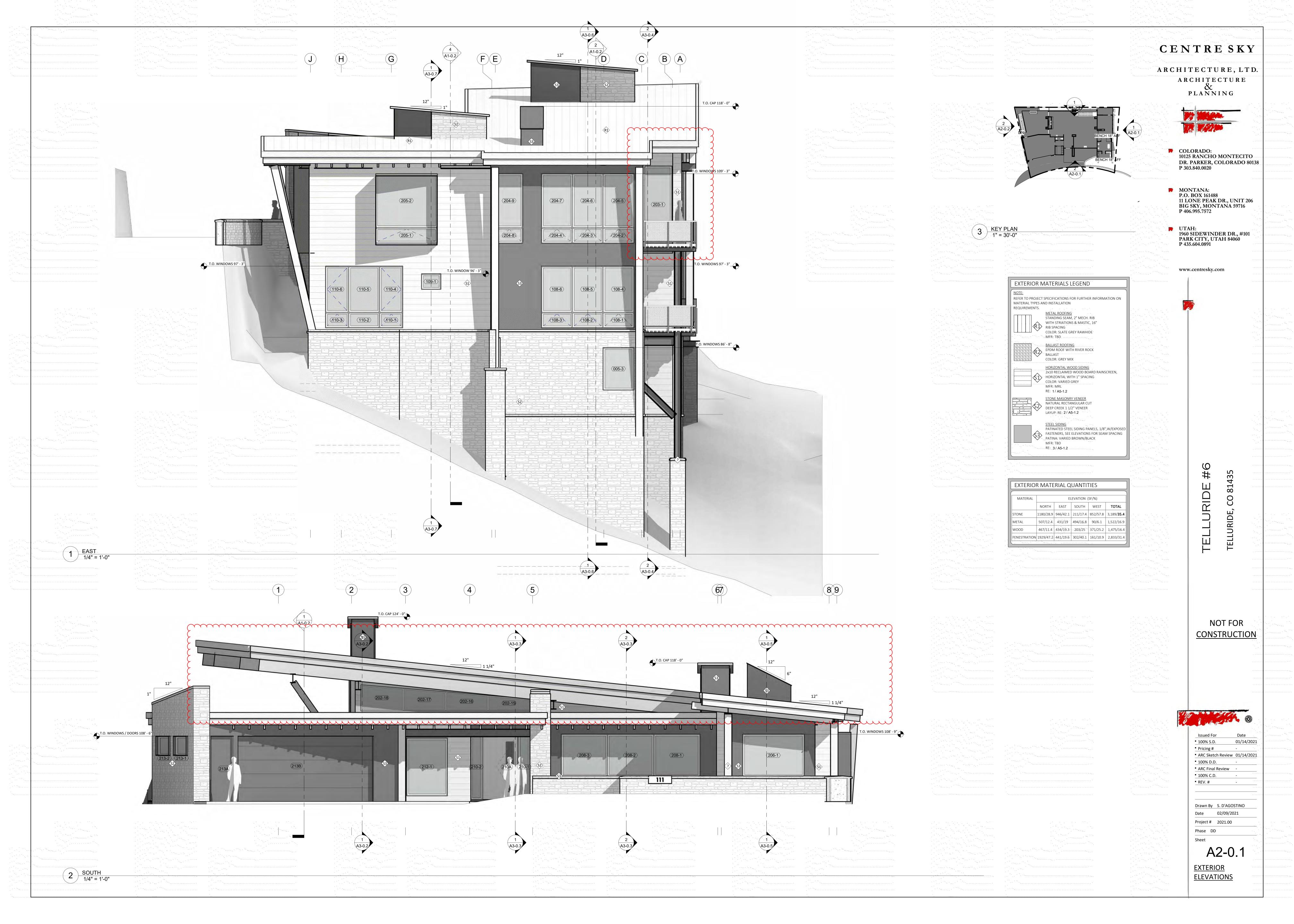
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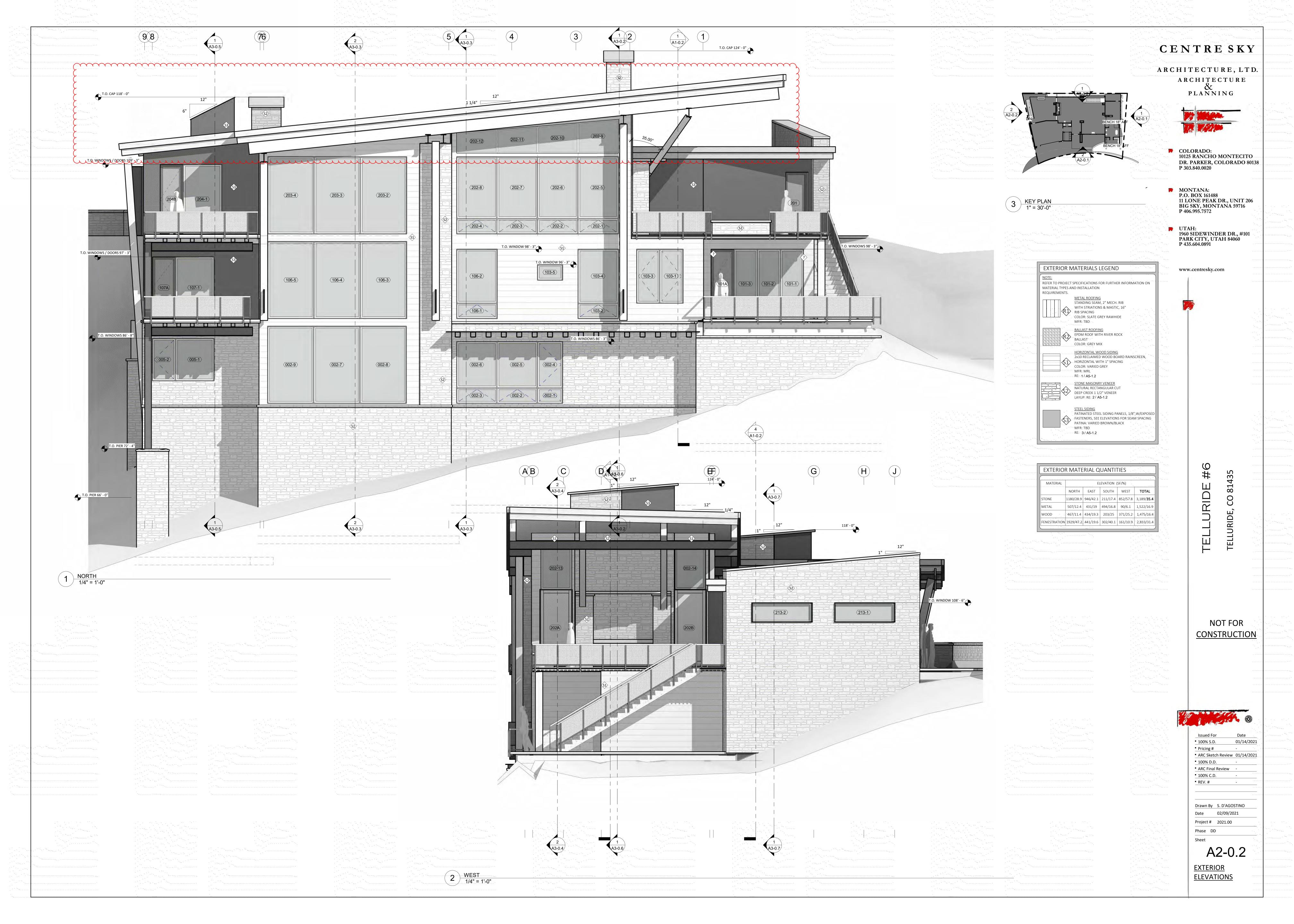
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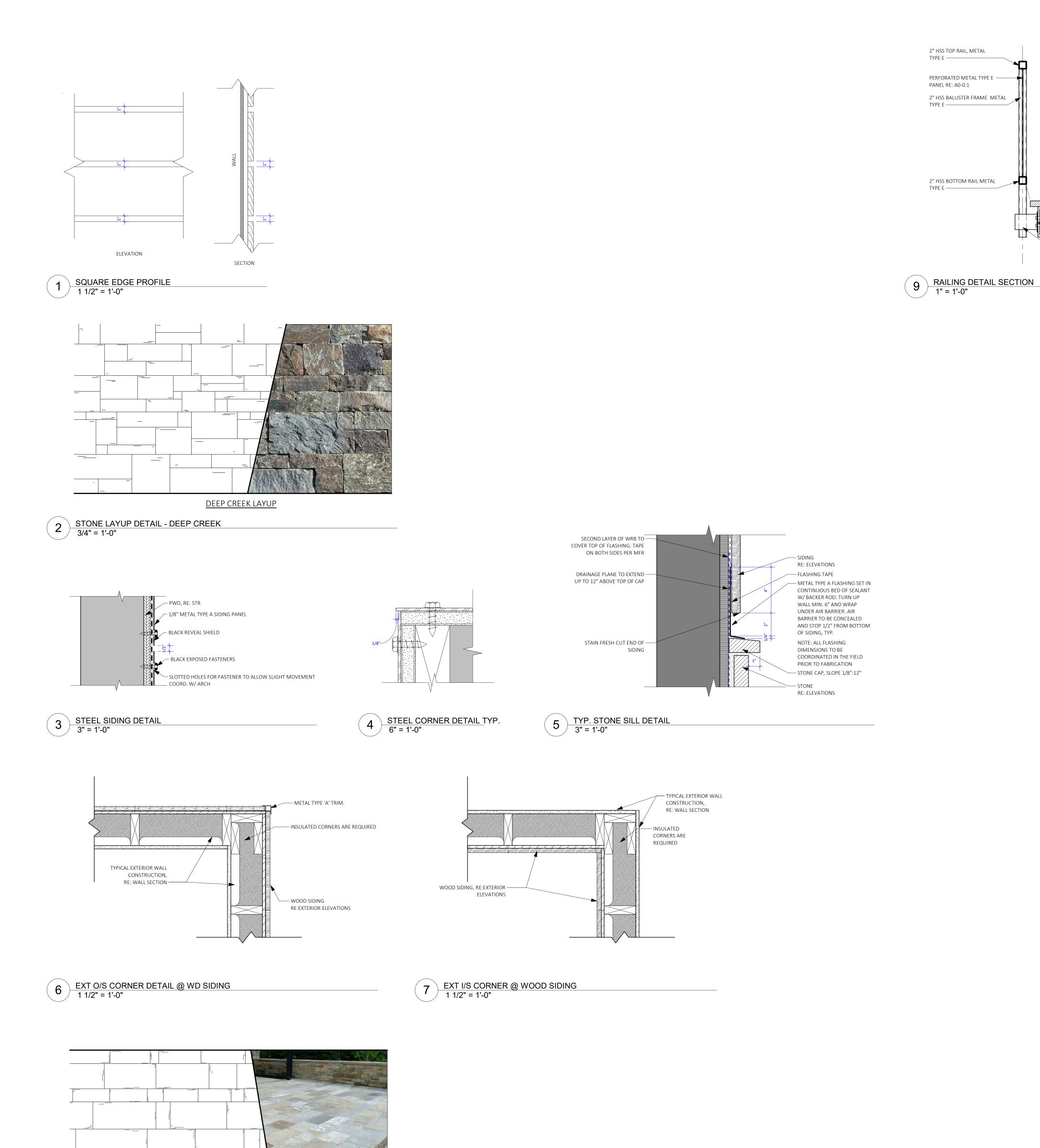
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A1-3.2

ROOF PLAN & TOPO SURVEY







FRONTIER PAVER PATIO LAYUP

8 PATIO LAYUP - FRONTIER
3/4" = 1'-0"

2" HSS TOP RAIL, METAL

PANEL RE: A0-0.1

PERFORATED METAL TYPE E —

2" HSS BALUSTER FRAME METAL TYPE E

2" HSS BOTTOM RAIL METAL

— 1 1/2" McNICHOLS PRESS-LOCKED GCM-1-150-CLS MESH STEEL GRATE

– STEEL TABS WEDED TO STEEL

— FILLET WELD STEEL TABS. WELDS TO BE GROUND FLAT. RE: STR

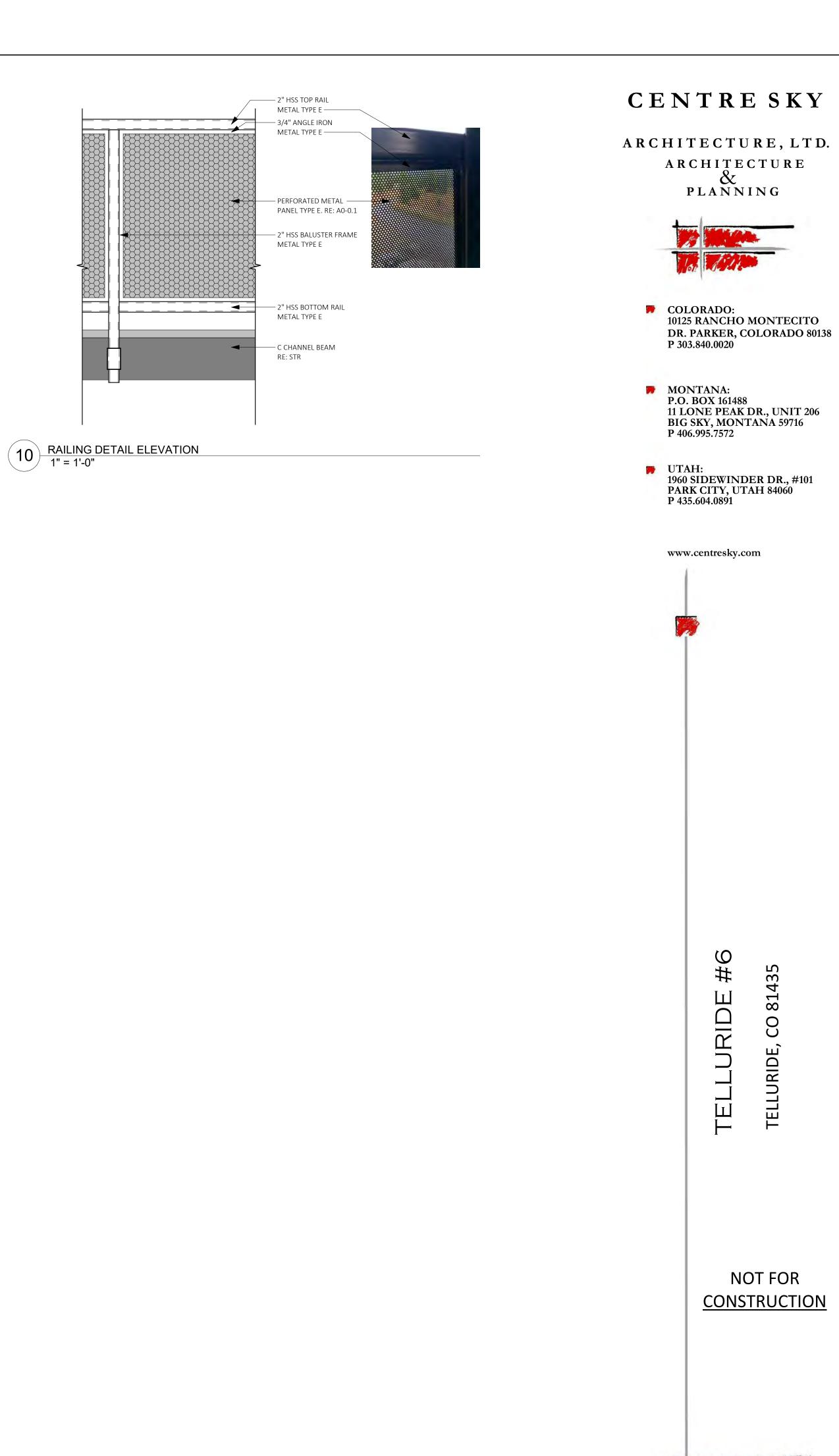
PANEL. RE: MFR

— C CHANNEL BEAM

RE: STR

RE: STR

PLATE. RE: STR



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**1**00% D.D.

■ 100% C.D. ■ REV. #

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A5-1.2

**EXTERIOR DETAILS** 

Phase DD

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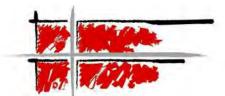
WINDOW SCHEDULE											T I		
	0175		WINDO	DW			FRAME	DETAIL#	TRIM DETAILS	HARD	WARE		DENANDUG
WINDOW #	SIZE	ELEVATION OPERATION	MFR	PROFILE	FINISH	5)(755)(0.5)	/A	6-1.3	TRIM TYPE	SET	FINISH	0.1007/05	REMARKS
	WIDTH   HEIGHT				INTERIOR	EXTERIOR	HEAD J	AMB SILL	INTERIOR EXTERIOR			GLASS TYPE	
002-1	3' - 3" 2' - 0" 5' - 3" 2' - 0"	AWNING AWNING			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon IG Low E II with Argon	
002-3	5' - 3" 2' - 0"	AWNING			CLEAR PINE	BLACK						IG Low E II with Argon	
002-4	3' - 3" 6' - 0" 5' - 3" 6' - 0"	CASEMENT FIXED			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon IG Low E II with Argon	
002-5	5' - 3" 6' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon	
002-7	6' - 0" 10' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon IG Low E II with Argon	
002-8	6' - 0" 10' - 0" 6' - 0" 10' - 0"	FIXED			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon	
005-1	5' - 0" 5' - 6"	FIXED										IG Low E II with Argon IG Low E II with Argon	
005-2	3' - 0" 5' - 6" 4' - 0" 5' - 6"	CASEMENT FIXED										IG Low E II with Argon	
101-1	3'-0" 9'-0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon	
101-2	3' - 0" 9' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon	
101-3	3' - 0" 9' - 0" 3' - 0" 7' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon IG Low E II with Argon	
103-1	5' - 3" 2' - 0"	CASEMENT AWNING			CLEAR PINE	BLACK						IG Low E II with Argon	
103-3	3' - 0" 7' - 0"	CASEMENT										IG Low E II with Argon IG Low E II with Argon	
103-4	5' - 3" 7' - 0" 3' - 3" 2' - 0"	FIXED			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon	
106-1	5' - 3" 2' - 0"	AWNING			CLEAR PINE	BLACK						IG Low E II with Argon	
106-2	5' - 3" 7' - 0" 6' - 0" 10' - 0"	FIXED FIXED			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon IG Low E II with Argon	
106-4	6' - 0" 10' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon	
106-5	6' - 0" 10' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon IG Low E II with Argon	
107-1	5' - 0" 8' - 0" 4' - 0" 2' - 0"	FIXED AWNING			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon	
108-2	4' - 0" 2' - 0"	AWNING			CLEAR PINE	BLACK						IG Low E II with Argon IG Low E II with Argon	
108-3	4' - 0" 2' - 0" 4' - 0" 6' - 0"	AWNING FIXED			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon	
108-5	4' - 0" 6' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon	
108-6	4' - 0" 6' - 0" 2' - 6" 2' - 0"	FIXED FIXED			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon IG Low E II with Argon	
110-1	3' - 0" 2' - 0"	AWNING			CLEAR PINE	BLACK						IG Low E II with Argon	
110-2	4' - 0" 2' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon IG Low E II with Argon	
110-3	3' - 0" 2' - 0" 3' - 0" 6' - 0"	AWNING CASEMENT			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon	
110-5	4' - 0" 6' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon IG Low E II with Argon	
110-6	3' - 0" 6' - 0"	CASEMENT			CLEAR PINE	BLACK							
202-1	4' - 0" 5' - 6" 5' - 3" 2' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon IG Low E II with Argon	
202-2	5' - 3" 2' - 0"	AWNING			CLEAR PINE	BLACK						IG Low E II with Argon	
202-3	5' - 3" 2' - 0" 5' - 3" 2' - 0"	AWNING AWNING			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon IG Low E II with Argon	
202-5	5' - 3" 8' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon	
202-6	5' - 3" 8' - 0" 5' - 3" 8' - 0"	FIXED			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon IG Low E II with Argon	
202-7	5' - 3" 8' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon	
202-9	5' - 3" 4' - 4 1/4"	FIXED TRAP.			CLEAR PINE	BLACK						IG Low E II with Argon IG Low E II with Argon	
202-10	5' - 3" 3' - 10 3/4" 5' - 3" 3' - 5 1/2"	FIXED TRAP.  FIXED TRAP.			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon	
202-12	5' - 3" 3' - 0 1/2"	FIXED TRAP.			CLEAR PINE	BLACK						IG Low E II with Argon	
202-13	4' - 0" 5' - 6" 5' - 6" 2' - 0"	FIXED FIXED TRAP.			CLEAR PINE	BLACK						IG Low E II with Argon IG Low E II with Argon	
202-16	5' - 6" 2' - 5 1/2"	FIXED TRAP.			CLEAR PINE	BLACK						IG Low E II with Argon	
202-17	5' - 6" 2' - 11" 5' - 6" 3' - 4 1/2"	FIXED TRAP.  FIXED TRAP.			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon IG Low E II with Argon	
203-1	3' - 6" 10' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon	
203-2	6' - 0" 10' - 0" 6' - 0" 10' - 0"	FIXED			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon IG Low E II with Argon	
203-4	6' - 0" 10' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon	
204-1	5' - 0" 9' - 0" 4' - 0" 2' - 0"	FIXED			CLEAR PINE	BLACK BLACK						IG Low E II with Argon IG Low E II with Argon	
204-2	4' - 0" 2' - 0"	AWNING			CLEAR PINE  CLEAR PINE	BLACK						IG Low E II with Argon	
204-4	4' - 0" 2' - 0"	AWNING			CLEAR PINE	BLACK						IG Low E II with Argon IG Low E II with Argon	
204-5	4' - 0" 7' - 0" 4' - 0" 7' - 0"	FIXED			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon	
204-7	4' - 0" 7' - 0"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon	
204-8	3' - 6" 2' - 0" 3' - 6" 7' - 0"	AWNING FIXED			CLEAR PINE  CLEAR PINE	BLACK BLACK						IG Low E II with Argon IG Low E II with Argon	
205-1	8' - 0" 2' - 0"	AWNING			CLEAR PINE	BLACK						IG Low E II with Argon	
205-2	8' - 0" 7' - 0" 8' - 0" 5' - 6"	FIXED			CLEAR PINE	BLACK						IG Low E II with Argon IG Low E II with Argon	
200 I	6'-0" 5'-6"	FIXED										IG Low E II with Argon	
208-1		FIXED										IG Low E II with Argon IG Low E II with Argon	
208-2	6' - 0" 5' - 6"												
	6' - 0" 5' - 6" 1' - 6" 8' - 6"	FIXED										IG Low E II with Argon	
208-2 208-3 210-1 210-2	6' - 0" 5' - 6" 1' - 6" 8' - 6" 1' - 6" 8' - 6"	FIXED FIXED										IG Low E II with Argon	
208-2 208-3 210-1	6' - 0" 5' - 6" 1' - 6" 8' - 6"	FIXED			CLEAR PINE CLEAR PINE	BLACK BLACK							



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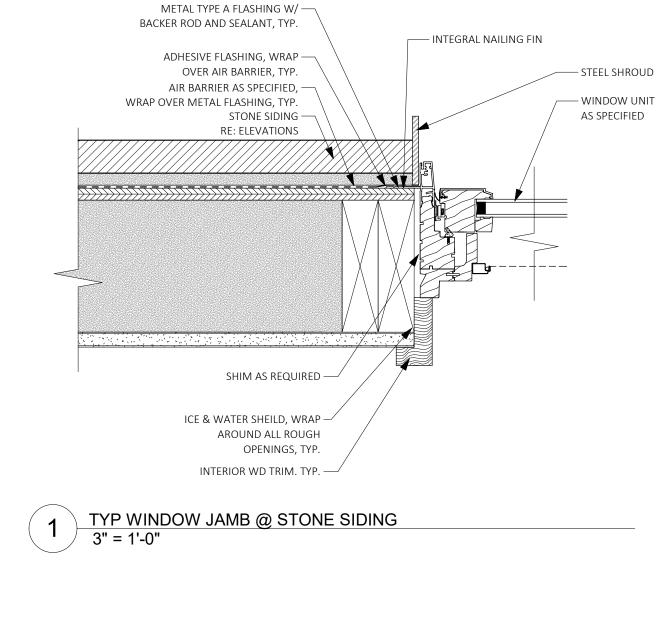
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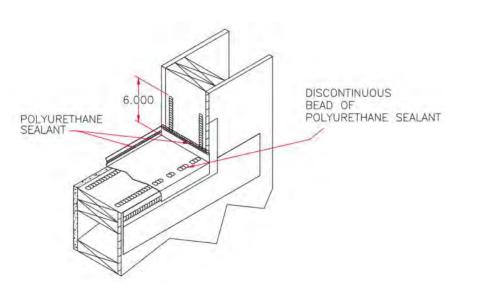
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Project # 2021.00 Phase DD

A6-1.2

<u>WINDOW</u> <u>SCHEDULE</u>





## WINDOW GENERAL NOTES

- REFER TO EXTERIOR ELEVATIONS AND WINDOW SCHEDULE FOR DIRECTION OF OPERABLE WINDOW SWING.
  REFER TO PLANS & EXTERIOR ELEVATIONS FOR EGRESS WINDOW LOCATIONS
  WINDOW MANUFACTURER TO VERIFY THAT ALL EGRESS WINDOWS MEET EGRESS REQUIREMENTS IN
- ACCORDANCE TP 2012 IRC AND ADVISE ARCHITECT OF ANY CONFLICTS
  REFERENCE WINDOW SCHEDULE FOR ALL MULLED UNITS
  REFERENCE WINDOW ELEVATIONS FOR ALL TRAPAZOID UNITS
  WINDOW SUPPLIER TO PROVIDE FINAL SHOP DRAWINGS AND LIST TO ARCHITECT FOR REVIEW PRIOR TO
- PLACING ORDER.
  ALL WINDOW ELEVATIONS ARE EXTERIOR ELEVATIONS
  GENERAL CONTRACTOR TO INSPECT ALL GLASS AND FRAMES FOR DEFECTS PRIOR TO INSTALL.
  REFER TO FINISH SCHEDULE FOR SPECIFIC STAIN & PAINT FINISHES



								DOOR SC	HEDULE								
	T			DOOR					TRIN	TRIM		HARDWAR	E				
DOOR#	SIZE			ELEVATION	SWING	MATERIAL	MFR	FINISH		FRAME DETAIL #/A6-2.2		TYP	TYPE		CT STYLE	FINISH	REMARKS
	W	Н	Т	TYPE	3771173	TVII (TEI(I) (E		FINISH	INT/EXT	HEA DER	JAMB SILL	EXT.	INT.	ION	SITLE	1111311	
001A	3' - 0"	8' - 0"	0' - 1 3/4"														
002A	3' - 0"	8' - 0"	0' - 1 3/4"														
002B	2' - 6"	8' - 0"	0' - 1 3/4"														
003A	3' - 0"	8' - 0"	0' - 1 3/8"														
003B	2' - 6"	8' - 0"	0' - 1 3/4"														
003C	2' - 6"	8' - 0"	0' - 1 3/4"														
003D	2' - 6"	8' - 0"	0' - 0 3/8"		RE: PLAN				INT								
004A	2' - 6"	8' - 0"	0' - 1 3/4"														
005A	3' - 0"	8' - 0"	0' - 1 3/4"														
005B	2' - 6"	8' - 0"	0' - 1 3/8"														
006A	3' - 0"	8' - 0"	0' - 1 3/8"														
006B	2' - 6"	8' - 0"	0' - 1 3/8"														
006C	2' - 6"	8' - 0"	0' - 0 3/8"		RE: PLAN				INT								
007Y	2' - 0"	3' - 0"	0' - 0 3/4"														
101A	3' - 0"	9' - 0"	0' - 2 1/4"		RE: PLAN				EXT								
103A	3' - 0"	8' - 0"	0' - 1 3/4"		RE: PLAN				INT								
103B	3' - 6"	8' - 0"	0' - 1 3/8"		POCKET				INT								
104A	2' - 6"	8' - 0"	0' - 1 3/8"		POCKET				INT								
104B	2' - 6"	7' - 0"	0' - 0 3/8"		RE: PLAN				INT								
104C	2' - 6"	8' - 0"	0' - 1 3/8"		POCKET				INT								
105A	5' - 4"	8' - 0"	0' - 2"		DOUBLE				INT								
107A	3' - 0"	8' - 0"	0' - 2 1/4"		RE: PLAN				EXT								
108A	3' - 0"	8' - 0"	0' - 1 3/4"		RE: PLAN				INT								
108B	4' - 0"	8' - 0"	0' - 2"		DOUBLE				INT								
109A	2' - 6"	8' - 0"	0' - 1 3/8"		POCKET				INT								
109B	2' - 6"	7' - 0"	0' - 0 3/8"		RE: PLAN				INT								
109C	2' - 6"	8' - 0"	0' - 1 3/8"		POCKET				INT								
110A	3' - 0"	8' - 0"	0' - 1 3/4"		RE: PLAN				INT								
111A	3' - 0"	8' - 0"	0' - 1 3/4"		RE: PLAN				INT								
111B	2' - 6"	7' - 0"	0' - 0 3/8"		RE: PLAN				INT								
111C	2' - 6"	8' - 0"	0' - 1 3/8"		POCKET				INT								
112A	3' - 0"	8' - 0"	0' - 1 3/4"		RE: PLAN				INT								
113A	5' - 4"	8' - 0"	0' - 2"		DOUBLE				INT								
114A	2' - 6"	8' - 0"	0' - 1 3/8"		POCKET				INT								
115A	3' - 0"	8' - 0"	0' - 1 3/4"		RE: PLAN												
201	3' - 0"	8' - 0"	0' - 2 1/4"		RE: PLAN				EXT								
202A	4' - 2 1/2"	10' - 0"	0' - 0"														
202B	4' - 2 1/2"	10' - 0"	0' - 0"						INIT								
204A	3' - 0"	8' - 0"	0' - 1 3/4"		POCKET				INT EXT								
204B	3' - 0"	9' - 0"	0' - 2 1/4"		RE: PLAN				INT								
205A	3' - 0"	8' - 0"	0' - 1 3/8"		POCKET				INT								
205B	2' - 6"	8' - 0"	0' - 1 3/8"		POCKET				INT								
205C	2' - 6"	8' - 0"	0' - 0 3/8"		RE: PLAN				EXT								
210A	4' - 6"	8' - 6"	0' - 2 1/4"		PIVOT				INT								
211	2' - 6"	8' - 0"	0' - 1 3/4"		POCKET				EXT								
213A	3' - 0"	8' - 6"	0' - 1 3/4"		RE: PLAN				EXT								
213B	18' - 0"	8' - 6"	0' - 1 3/4"		GARAGE				INT								
213C rand total: 48	3' - 0"	8' - 0"	0' - 1 3/4"		RE: PLAN												

Grand total: 48

DOOR SCHEDULE NOTES:

1. ALL BARN DOOR SLABS TO BE 2" WIDER THAN FINISHED OPENING PROVIDE TRACKS AT BOTTOM OF ALL BARN DOORS ALL WD DOORS SHALL BE ENGINEERED LAMINATED DOORS U.N.O. GC TO COORDINATE JAMB WIDTHS ACCORDING TO VARYING WALL WIDTH, SEE FLOOR PLAN FOR WALL TYPES AND WIDTHS A. GC TO COORDINATE JAMB WIDTHS WITH INTERIOR SHEAR

> WALL LOCATIONS VERIFY FINISHES WITH ARCH/OWNER AND ID VERIFY PRIVACY LOCKS ON BEDROOMS AND BATHROOMS W/OWNER VERIFY ALL DOOR SWINGS WITH OWNER/ARCH PRIOR TO

WALL LOCATIONS (IF APPLICABLE) - SEE STR FOR SHEAR

FOR ALL DOORS AT STRIKE PLATE LOCATION, PAINT EXPOSED JAMB AND ANY EXPOSED FRAMING BEHIND STRIKE PLATE BLACK, TYP. RECESSED AREAS ON EXTERIOR DOORS TO HAVE BEVELED EDGES SLOT ON HEAD OF SCREWS TO ALIGN VERTICALLY ON DOOR ALL EXTERIOR DOORS TO RECEIVE APPROPRIATE WEATHER STRIPPING

NEOPRENE DOOR SHIMS SHALL BE USED SIMILAR TO THE PRODUCT BY 'ENDURA' DOOR CORNER SEALS TO BE INSTALLED ON ALL EXTERIOR HINGED DOORS, COLOR TO MATCH WEATHERSTRIPPING

ALL GARAGE DOORS TO HAVE AUTOMATIC CLOSE WEDGES ON ALL HINGED EXTERIOR DOORS ON STRIKE SIDE ALL EXTERIOR HINGED OR PIVOT DOORS TO RECIEVE CORNER SEALS

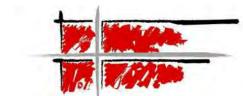


M-D BUILDING PRODUCTS FOAM VINYL CORNER WEATHERSEALS FOR DOORS 1-3/4IN X 0.13IN COLOR ALWAYS BLACK

1 TYP. CORNER WEATHERSEALS HINGED DOORS
1 1/2" = 1'-0"

## CENTRE SKY

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DOOR ELEVATIONS <u>& SCHEDULE</u>



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CRICKET DIMENSION TABLE

ROOF PLAN LEGEND

METAL ROOFING

BALLAST ROOFING EPDM ROOF WITH RIVER ROCK BALLAST

COLOR: GREY MIX

BRONZE, GUTTERS W/ DOWNSPOUT AS INDICATED. PROVIDE ELEC. HEAT TAPE, TYP. PROVIDE DEBRIS SCREEN AT ALL TRANSITIONS

FASCIA TYPE A: RE: ROOF DETAILS

FASCIA TYPE B: RE: ROOF DETAILS

ROOF PLAN GENERAL NOTES

NOTE: ALL VALLEYS TO RECEIVE METAL TYPE 'A' W-VALLEY METAL OVER TOP

SLIP SHEET AS SPECIFIED 6" EXPOSED VALLEY METAL EACH SIDE, TYP.

TO DOWNSPOUT, TYP.

RIB SPACING

MFR: TBD

STANDING SEAM, 2" MECH. RIB WITH STRIATIONS & MASTIC, 16"

COLOR: SLATE GREY RAWHIDE

1/2 OF W 1/3 OF W 1/4 OF W \_\_1/6 OF W\_\_

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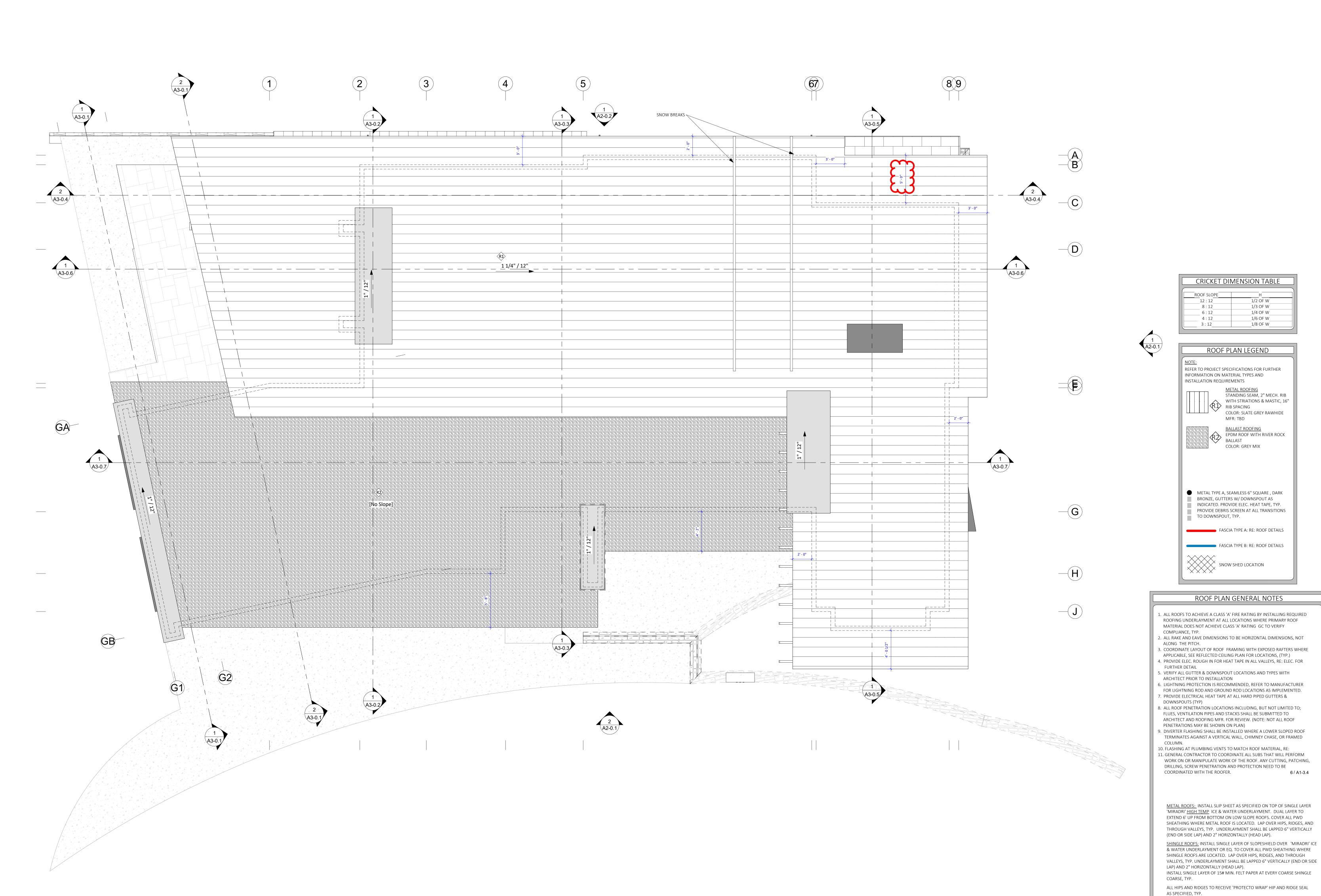
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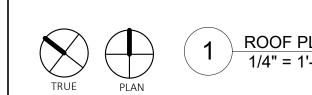
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**ROOF PLAN** 





# OPTION B

## CENTRE SKY

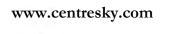
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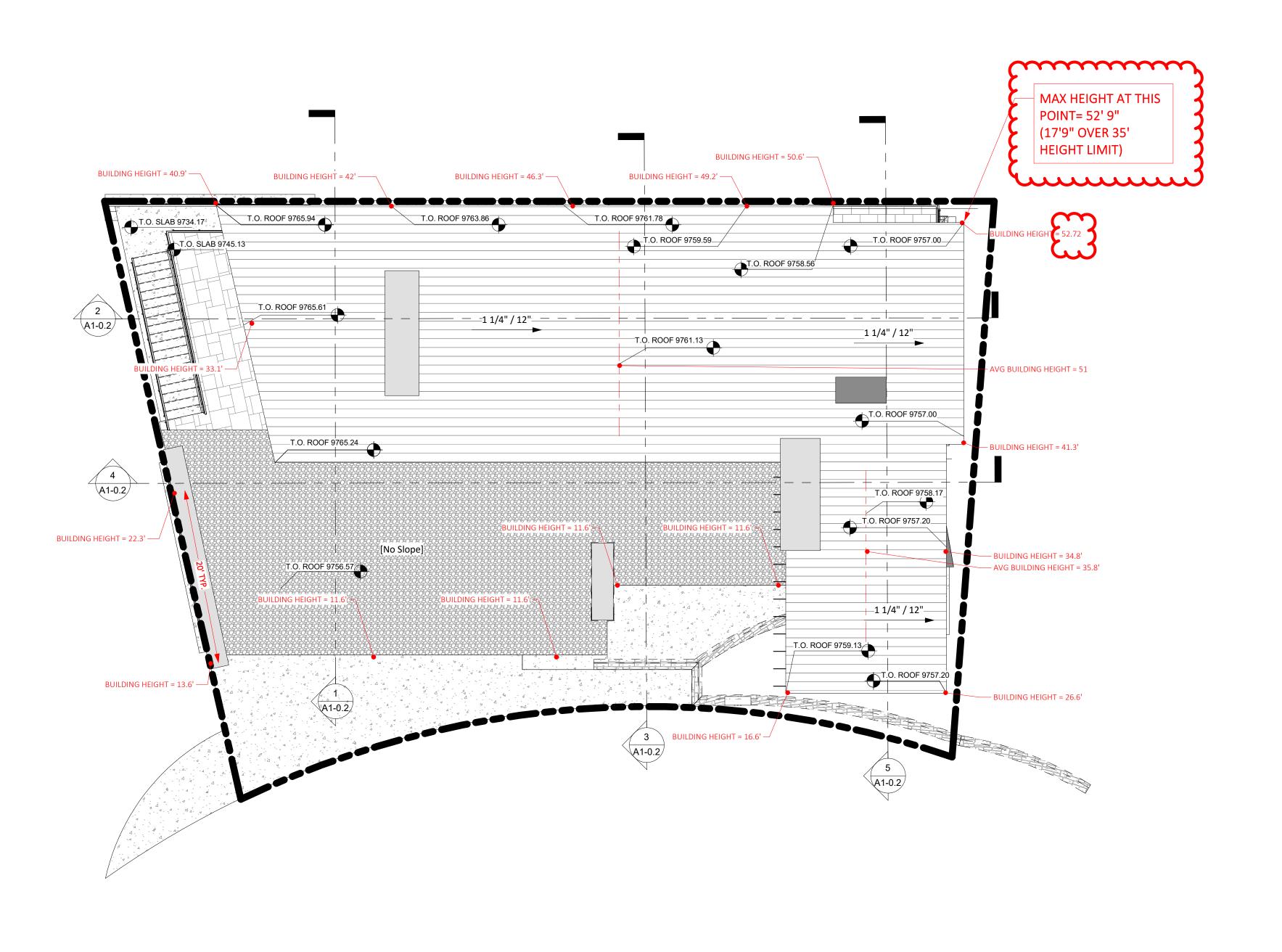
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A1-3.2

ROOF PLAN & TOPO SURVEY



1 ROOF PLAN 1/8" = 1'-0"

# LOT COVERAGE - MOUNTAIN VILLAGE DEFINITION

LOT COVERAGE: THE CALCULATION OF THE TOTAL HORIZONTAL AREA OF ANY BUILDING, CARPORT, PORTE-COCHERE, OR ARCADE AND SHALL ALSO INCLUDE WALKWAYS, ROOF OVERHANGS, EAVES, EXTERIOR STAIRS, DECKS, COVERED PORCH, TERRACES AND PATIOS. SUCH HORIZONTAL MEASUREMENT SHALL BE FROM THE BUILDING DRIP LINES AND FROM THE EXTERIOR SURFACE OF THE TOTAL WALL ASSEMBLY, WHICHEVER IS MORE RESTRICTIVE.

LOT COVERAGE = 4,738 SF

LOT SIZE = 11,972 SF

LOT COVERAGE = 39.5%

MAXIMUM LOT COVERAGE ALLOWED = 40%

#### AVERAGE ROOF HEIGHT - MOUNTAIN VILLAGE DEFINITION

MAXIMUM AVERAGE HEIGHT SHALL BE MEASURED FROM THE FINISHED GRADE TO A POINT ON THE ROOF PLANE MIDWAY BETWEEN THE EAVE & THE RIDGE.
ON COMPLEX BUILDINGS WITH MULTIPLE HEIGHTS AND/OR BUILDINGS WITH MULTIPLE HEIGHTS ON SLOPING SITES, THE MAXIMUM AVERAGE HEIGHT SHALL BE DETERMINED BY TAKING THE AVERAGE OF HEIGHTS AT EQUAL INTERVALS AROUND THE PERIMETER OF A BUILDING. THOSE INTERVALS SHALL BE NO MORE THAN 20 FEET.

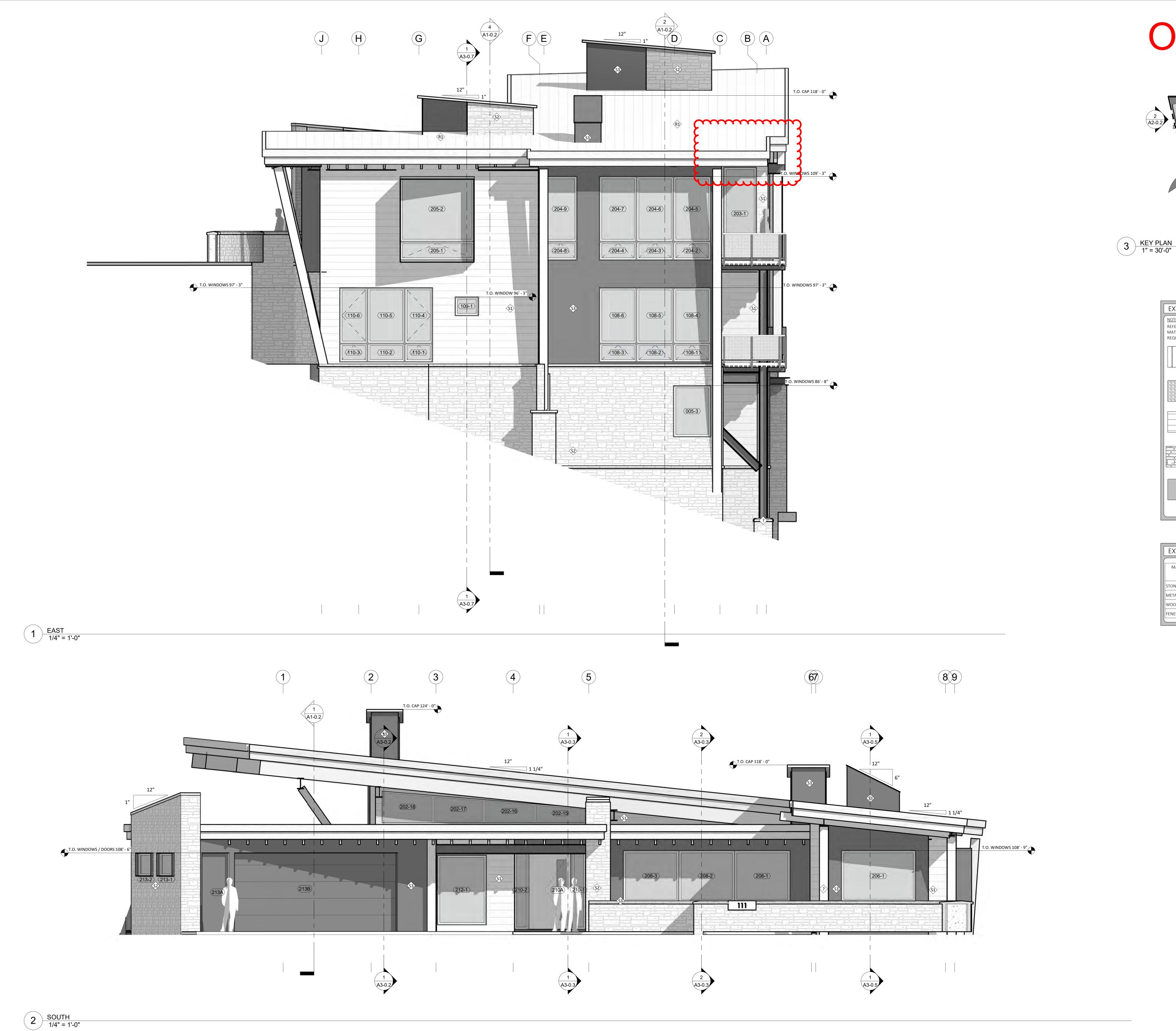
AVERAGE BUILDING HEIGHTS AT 20' MAX INTERVALS: 13.6 + 22.3 + 33.1+40.9+42+46.3+49.2+50.6+50.72+51+41.3+35.8+26.6+16.6+11.6+11.6+11.6+11.6/ 18 = 31.47

AVERAGE BUILDING HEIGHT = 31.47'

#### ION MAX BUILDING HEIGHT - MOUNTAIN VILLAGE DEFINITION

BUILDING HEIGHT SHALL BE MEASURED VERTICALLY AT A RIGHT ANGLE TO THE HORIZON LINE FROM ANY POINT ON A PROPOSED OR EXISTING ROOF OR EAVE (INCLUDING BUT NOT LIMITED TO THE ROOFING MEMBRANE) TO THE NATURAL GRADE OR FINISHED GRADE, WHICHEVER IS MORE RESTRICTIVE, LOCATED DIRECTLY BELOW SAID POINT OF THE ROOF OR EAVES.

MAX BUILDING HEIGHT = 50' 9" (15'9" VARIANCE REQUESTED)

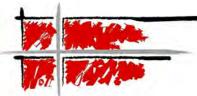


# OPTION B

# CENTRE SKY

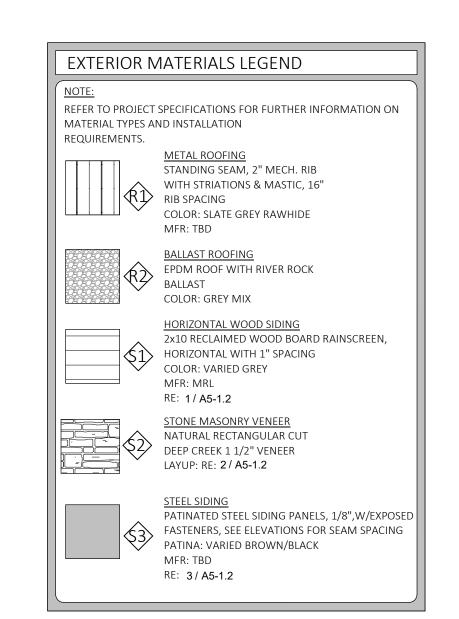
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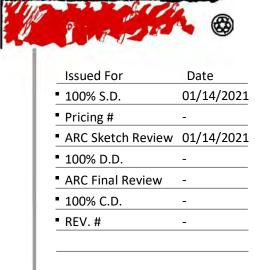
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EXTERIO	R MATE	RIAL Q	UANTI	ΓIES							
MATERIAL	ELEVATION (SF/%)										
	NORTH	EAST	SOUTH	WEST	TOTAL						
STONE	1180/28.9	946/42.1	211/17.4	852/57.8	3,189/ <b>35.</b>						
METAL	507/12.4	431/19	494/16.8	90/6.1	1,522/16.						
WOOD	467/11.4	434/19.3	203/25	371/25.2	1,475/16.						
FENESTRATION	1929/47.2	441/19.6	302/40.1	161/10.9	2,833/31						

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Date 02/09/2021

Project # 2021.00

Phase DD

A2-0.1

EXTERIOR ELEVATIONS

#### John A. Miller

From: John A. Miller

**Sent:** Monday, January 25, 2021 5:41 PM

**To:** John A. Miller **Subject:** FW: Unit 6 Cortina

**Sent:** Monday, January 25, 2021 5:30 PM **To:** John A. Miller < JohnMiller@mtnvillage.org>

Subject: Re: Unit 6 Cortina

Hi John,

After looking at the proposed variance request for lot 165 we are opposed to this request.

As the President of Lodges on Sundance, the board and homeowners of our neighborhood do NOT support this applicant's request for the variance.

This variance would be way out of scale for our neighborhood, it is too high and the applicant should be held to the original standards they knew and had when purchasing the lot. We also feel that a variance of this type would negatively affect our quality and values at LOS and Mountain Village.

Please deny this variance request.

**Thanks** 

Rich Ganley Positive Impact Executive C- 602-432-8178

#### John A. Miller

From: Rich Ganley <richganman1@gmail.com>
Sent: Wednesday, February 10, 2021 7:11 AM

**To:** John A. Miller

**Subject:** Re: FW: Unit 6 Cortina

Hi John,

After reviewing the revised application and speaking with other board members and homeowners **we oppose** any height variance from current rules and respectfully request the DRB reject this applicants request and ask that you hold them to the current code and height restrictions.

Any variation and specifically in this situation and proximity would have a very negative impact on The Lodges on Sundance community, homeowners and surrounding area.

In addition, we feel the city, staff and our elected officials did a great job establishing current code. If we start allowing this type of height variance it would set a dangerous precedent and would have many negative ramifications and could negatively affect the look and feel that has made Mountain Village one of the best communities in the world.

Obviously the applicant understood the code and height restrictions before purchasing the property and starting the project and we respectfully request that they are required to adhere to current guidelines and height restrictions.

So we respectfully request the DRB deny the applicants request for any hight variance.

With gratitude,

Rich Ganley President Lodges on Sundance HOA

On Tue, Feb 9, 2021 at 6:08 PM John A. Miller < JohnMiller@mtnvillage.org > wrote:

Rich -

For follow up, here is the link to the plans that were updated and submitted.

https://centresky.egnyte.com/dl/TtrSK4P2KY/

The applicants are still requesting a variance for height at 15'-9" (about 5 feet lower than the previous request). Sorry for the short timeframe but I encourage you to take a look. Let me know if there are any questions or concerns. I would be happy to forward any additional comments to the DRB.

#### John A. Miller

From: Steven Tyler <stevenjtyler@icloud.com>
Sent: Wednesday, February 10, 2021 7:22 AM

**To:** John A. Miller **Subject:** Unit 6 Cortina

Mr. Miller

I have great concerns over the requested variance in height for the proposed structure. My home backs up to the development. Lots in Mt. Village were developed and sold with pre established building design criteria that were created to maintain style and dignity. Please uphold those standards to preserve our community.

Thank you

Steven Tyler 120 Lodges Lane

Sent from my iPhone