

AGENDA ITEM 9 PLANNING & DEVELOPMENT SERVICE PLANNING DIVISON

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

TO: Mountain Village Design Review Board

FROM: Amy Ward, Planner

FOR: Design Review Board Public Hearing; May 6, 2021

DATE: April 26, 2021

RE: Staff Memo – Initial Architecture and Site Review (IASR) Lot 628-H, 116

Double Eagle Way

APPLICATION OVERVIEW: New Single-Family Home on Lot 628-H

PROJECT GEOGRAPHY

Legal Description: LOT 628-H, TELLURIDE MOUNTAIN VILLAGE, ACCORDING TO THE FINAL REPLAT OF LOTS 628, 635 AND 636, FILING 4, AND LOT 641, FILING 9, AND A PORTION OF THE OPEN SPACE, RECORDED AUGUST 21,

1991 IN PLAT BOOK 1 AT PAGE 1159, COUNTY OF SAN MIGUEL, STATE OF COLORADO.

Address: 116 Double Eagle Way

Applicant/Agent: Michael Carrier, Alpenglow Design

Owner: EDWARD D.W. SPARROW AND CYNTHIA ANNE SPARROW

Zoning: Single-family **Existing Use:** Vacant

Proposed Use: Single-family

Lot Size: .376 acres Adjacent Land Uses:

North: Single-family
 South: Open Space
 East: Open Space
 West: Single-family

ATTACHMENTS

Exhibit A: Architectural Plan Set Exhibit B: Staff/Public Comment



Figure 1: Vicinity Map

<u>Case Summary</u>: Michael Carrier of Alpenglow Design, Applicant for Lot 628-H is requesting Design Review Board (DRB) approval of an Initial Architectural and Site Review (IASR) Application for a new single-family home on Lot 628-H, 116 Double Eagle Way. The Lot is approximately 0.376 acres and is zoned Single-family. The overall square footage of the home is approximately 6,701 gross square feet and provides 2 interior parking spaces within the proposed garage and 2 exterior parking spaces.

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 Proposed
Maximum Building Height	40' (gable) Maximum	34'8"
Maximum Avg. Building Height	35' (gable) Maximum	13.7"
Maximum Lot Coverage	40% (6551.2 s.f.)	21.3% (3493
_	,	s.f.)
General Easement Setbacks	No encroachment	Parking
Roof Pitch		
Primary		10:12
Secondary		8:12, various
Exterior Material		
Stone	35% minimum	30%
Windows/Doors	40% maximum	22%
Parking	2 enclosed / 2 exterior	2/2

Design Variations:

- 1. Road and Driveway Standards
- 2. Exterior Materials

Design Review Board Specific Approval:

1. Parking in the GE

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 a primary gabled roof form with secondary shed projections. Homes with a primary gabled roof form are granted a maximum building height of 40 feet. The maximum average height must be at or below 35 feet for homes with a primary gable 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: Staff has determined that the primary roof form for this home is a gable and therefore granted a maximum height of 40 feet. The applicant has indicated a maximum height of 34' 8", which meets the max height allowable per the CDC. The applicant has provided an

average height of 13.7' however staff believes this is an error and estimates the average height at just over 19'. The applicant should revise the drawings to clearly indicate average height and should include a paralell plane analysis demonstrating overall height compliance for final review.

17.3.14: General Easement Setbacks

Lot 628-H is burdened by a sixteen (16) foot General Easement (GE) which surrounds its perimeter. 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, Natural Landscaping, Utilities, Address Monuments, and Fire Mitigation. All encroachments not listed above will require encroachment agreements between the property owner and the Town.

Additionally Lot 628-H is burdened by a building setback easement area that runs from the northeast lot corner to the southwest lot corner. "This building setback easement area is for the purpose of preserving the building setback easement area as an open and undeveloped area; consequently, no improvements other than subsurface utilities, golf cart accessways and landscaping... may be constructed"

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

- Driveway: The Driveway as shown currently takes access from Double Eagle Way and crosses the General Easement to the homesite.
- Utilities: Existing utility pedestals are located in the road right of way, and the sewer access is within the GE. The GE will need to be crossed on both the North and West GE's, accessing utilities within Double Eagle Way.
- Landscaping: While not documented at this point, Staff is anticipating that there may be some landscaping within the GE. This detail should be addressed and updated prior to Final Architecture Review (FAR).

The proposal also includes a GE encroachment that requires specific DRB approval:

- Parking: The proposed surface parking location is within the front GE.
- Entry Paths: There are two entry paths to the home that partially cross the front GE.

To grant a specific approval for parking in the GE, DRB members need to determine whether the following conditions have been met:

- 1. The applicant has demonstrated that avoiding grading and disturbance in the general easement setback would create a hardship, and there is not a practicable alternative that allows for reasonable use of the lot;
- 2. The disturbance in the general easement setback is due to natural features of the site, such as steep slopes, wetlands and streams;
- 3. No unreasonable negative impacts result to the surrounding properties;
- 4. The general easement setback or other setback will be revegetated and landscaped in a natural state;

- 5. The Public Works Department has approved the permanent above-grade and below-grade improvements;
- 6. The applicant will enter into an encroachment agreement with the Town with the form and substance prescribed by the Town; and
- 7. Encroachments into the general easement setback or other setbacks are mitigated by appropriate landscaping, buffering and other measures directly related to mitigating the encroachment impacts.

Staff is generally comfortable with the approval of parking in the GE due to the constraints of the lot, however it should be noted that the civil drawings show the proposed parking as overlapping the GE and the road right of way. In no instance is parking in the road right of way allowed per the CDC so regardless of whether DRB grants approval of the GE encroachment, the parking needs to be re-designed prior to final to remove any portion of parking from the road right of way.

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 proposed home features more traditional roof forms often seen in alpine design. Trestle wood siding, rough cedar soffit and fascia and timber accents will give the home a bit of rustic mountain feel, which will help it fit in with some of the older log homes in the neighborhood. The steel rails, dark grey standing seam roof and black clad contemporary profile windows will give the home some modern flair that is more in line with some of the newer homes being proposed throughout the village more recently.

17.5.5: Building Siting Design

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

Staff: Lot 628-H slopes down gently to the south away from Double Eagle Way and the home is sited so that the flattest part of the lot is utilized for the front entry. The home does step down slightly with the lot, and the use of shed roofs as connectors between the primary roof forms emphasizes this sloping to the south. Due to the additional building setback area to the rear of the lot, the applicant has done well at providing a pretty subdued home. Wood and stone used extensively as exterior materials will also help the home blend in with the Inatural landscape. Staff finds that the home should blend well into the existing landform.

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. The home will be grounded with stone veneer at much of the base, however it should be noted that the applicant has proposed 30% stone cladding where they are required to have 35% stone cladding per the CDC. If DRB finds this percentage of stone appropriate than a design variation should be granted. In addition, the wood siding is proposed to reach grade level in some areas. Staff has

concerns about the longevity of any wodd finish in contact with potential snow loads in our high alpine environment and would recommend that these areas be modified to include a more durable material such as steel or stone.

Window and door trim are proposed as black-clad windows, and a full window and door schedule has been provided. The appropriate recess of doors and windows in areas with stone veneer has been noted on the plans, however, the applicant has not provided a detail of the recess at the garage doors and this should be done prior to final. The proposed roofing material is a dark gray standing seam product, and the fascia of the home is rough cedar. The CDC allows for Black and Grey standing seam roofing materials and this appears to meet that requirement. It should be noted that the applicant has not shown snow fencing on the roof plan, and this should be added in areas where snowfall is a potential hazard..

The applicant has not proposed any snowmelt at this time.

17.5.7: Grading and Drainage Design

Staff: The applicant has proposed minimal grading/site disturbance and there appears to be positive drainage away from the home. The applicant has not included finished slopes on the grading plan, these should be added prior to final so that we can assure compliance with CDC regulations. In addition, there is an existing mulch path on the SE corner of the lot that will likely be damaged during construction, staff recommends that the applicant plan to restore this path to pre-construction conditions.

17.5.8: Parking Regulations

Staff: The CDC requires all single-family homes to provide two interior and two exterior parking spaces. The applicant has shown two interior spaces and two exterior spaces. Currently, the exterior parking is shown in mostly within the GE on the site plan, however, in the civil drawings it is shown half in the GE and half in the road right of way. The CDC expressly prohibits any parking in the road right of way. The applicant will need to coordinate his drawings so that the site plan and civil drawings are in agreement and bring the parking outside of the road right of way at a bare minimum. If the parking is provided as shown on the site plan within the GE, DRB would still need to grant specific approval for the GE encroachment.

17.5.9: Landscaping Regulations

The applicant has not yet provided a landscaping plan, this is not required until final review.

17.5.11: Utilities

Staff: The civil plans do show utility connections and prior to issuance of a building permit, the applicant shall work with the Public Works Director and all other utilities to verify all locations for connections.

17.5.12: Lighting Regulations

Staff: The applicant has provided a preliminary exterior lighting plan with fixture specifications. However, no key was provided to correlate the fixtures to the marked locations. The recessed light (fixture b) indicated appears to exceed the maximum lumens allowable. Fixture a appears to meet the regulations of the CDC. No photometric strudy was provided, but is required due to the square footage of the home. This plan shall be revised to address all CDC regulations prior to FAR.

17.5.13: Sign Regulations

Staff: The address marker is located within the road right of way to the west of the driveway. This location is appropriate due to the distance between edge of paved surface and the lot line. A right of way encroachment agreement will be required. Not enough information is provided to understand whether the dimensions of the monument meet those required by the CDC. The numbers are indicated as black steel, but need to have a reflective coating applied in case of power outage. LED lighting is indicated, however is shown as back-lit. Prior to FAR the applicant shall revise the address monument to meet all requirements of the CDC.

Chapter 17.6: SUPPLEMENTARY REGULATIONS

17.6.1: Environmental Regulations

Staff: Fire Mitigation and Forestry Management: The applicant has not submitted a fire mitigation plan. This needs to be submitted prior to final review and will be reviewed by the Town Forrester

17.6.6: Roads and Driveway Standards

Staff: The driveway grade is 2.6% which meets the grade requirements of the CDC. There is a notation of a small area of 10% grade, staff believes this is probably just the slope of the v-pan, but will ask that this is clarified by the applicant. The driveway width appears to be 19', though this dimensions should be called out on the plan. As drawn, the applicant is proposing the two exterior parking spots in the hammerhead of the drive (as previously discussed in this memo, the location within the GE and/or road right of way needs to be clarified). With cars parked in this area, the drive no longer has a path for turn around when backing out of the garage. If DRB finds this parking layout approvable, then they would need to allow a design variation to the road and driveway standards for the lack of back out space.

17.6.8: Solid Fuel Burning Device Regulations

Staff: The applicant has indicated that the proposed home does include fireplaces and that they are to run on natural gas.

Chapter 17.7: BUILDING REGULATIONS

17.7.19: Construction Mitigation

Staff: The construction mitigation plan has not yet been provided and is not required until final review.

Staff Recommendation: Staff recommends the DRB approve the Initial Architecture and Site Review for Lot 628-H, 116 Double Eagle Way, based on the findings and CDC requirements listed in the staff memo of record.

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

Proposed Motion:

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

I move to approve the Initial Architecture and Site Review for a new single-family home located at Lot 628-H, based on the evidence provided within the Staff Report of record dated April 26, 2021, with the following design variations and specific approvals:

Design variations:

1) Road and Driveway Standards

2) Exterior Materials

DRB Specific Approval:

1) GE Encroachment for Parking

And, with the following conditions:

- 1) Prior to final review the applicant shall provide an updated existing conditions survey that provides all of the information required on the design review application.
- Prior to final review, the applicant shall revise the parking to remove it entirely from the road right of way and assure consistency between the civil drawings and the site plan.
- 3) Prior to final review, the applicant shall revise the address monument to ensure compliance with all regulations of the CDC.
- 4) Prior to final review, the applicant shall revise the lighting plan to demonstrate that all fixtures meet the lighting requirements of the CDC and shall provide a photometric study.
- 5) Prior to final review, applicant shall revise the roof plan to include snow fencing.
- 6) Prior to final review the applicant shall revise the drawings to clearly demonstrate average height compliance and provide a parallel plane analysis to further illustrate height compliance.
- 7) Prior to final review, the applicant shall provide finish slopes on the grading plan.
- 8) Prior to final review, the applicant shall revise exterior materials to replace areas of wood siding where it meets the grade with a more durable material option.
- 9) 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.
- 10) Prior to issuance of a CO, a GE encroachment agreement will be entered into with the town to capture all GE encroachments.
- 11) Prior to issuance of a CO, a road right of way encroachment agreement will be entered into with the town to capture all road right of way encroachments.
- 12) Prior to issuance of CO, all disturbances in the GE caused by construction will be re-graded and re-vegetated to its pre-disturbed condition
- 13) 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.
- 14) 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.
- 15) A monumented land survey of the footers will be provided prior to pouring concrete to determine there are no additional encroachments into the GE.
- 16) 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

17) It is incumbent upon an owner to understand whether above-grade utilities and town infrastructure (fire hydrants, electric utility boxes) whether placed in the right of way or general easement, are placed in an area that may encumber access to their lot. Relocation of such above-grade infrastructure appurtenances will occur at the owner's sole expense and in coordination with the appropriate entity (fire department, SMPA, Town of Mountain Village) so that the relocated position is satisfactory.

/aw

PROJECT NARRATIVE

LOT 628-H TELLURIDE MOUNTAIN VILLAGE

THE PROPOSED RESIDENCE LOCATED AT LOT 628-H IS COMPOSED OF A RESPECTFUL DESIGN ON A CHALLENGING LOT. THE SITE IS CURRENTLY A MIXTURE OF ASPEN AND SPRUCE FOREST WITH GENEROUS NATURAL OPENINGS. ONE SUCH OPENING IS WHERE THE PROPOSED PROJECT WOULD BE SITED. SOLAR GAIN, MOUNTAIN VIEWS AND A DESIGN WITHIN THE GRADES HAVE BEEN THE DRIVING PRINCIPLES OF THE PROJECT ALONG WITH RESPECTING NEIGHBORING VIEWS AND THE NATURAL LANDSCAPE.

THE RESIDENCE IS MODEST IN SIZE GIVEN THE SITE SETBACKS AND A LARGE REAR EASEMENT. THE ROOF LINES ARE A MIXTURE OF GABLES AND SHED ROOFS THAT EFFECTIVELY SHED SNOW AND MIMIC THE SURROUNDING TOPOGRAPHY.

THE EXTERIOR MATERIALS ARE COMPOSED OF RUSTIC YET REFINED WOOD SIDING, BRONZE STEEL ROOFING AND CLASSIC TELLURIDE STONE. DETAILING AROUND THE MAIN DOORS. GARAGE AND OUTER DECKS PROVIDE A CONTEMPORARY THEME THAT BALANCES THE RUSTIC NATURE OF THE FORM.

FENESTRATIONS ARE A MIX OF CLASSICAL DIVIDED LIGHTS AND LARGE CONTEMPORARY UNITS WITH A GRID DESIGN. LARGE PANES OF GLASS FACE SOUTH AND EAST AWAY FROM NEIGHBORING RESIDENCES AND PROVIDE FOR PRIVACY AND PASSIVE SOLAR GAIN.

THE SLOPING NATURE OF THE LOT WILL ALLOW FOR MUCH OF THE LOT TO BE UNDISTURBED AND HIDE THE RESIDENCE FROM THE GOLF COURSE BELOW.

RESIDENCE AT LOT 628-H TELLURIDE MOUNTAIN VILLAGE, COLORADO

DRB SET 02/22/2021



ARCHITECT/DESIGNER:

ALPENGLOW DESIGN

MICHAEL CARRIER
736 MAIN AVE. STE A
DURANGO, CO 81301
(970)560-0888

IN
CONJUNCTION
RON BERCOVITZ, AIA
201 W. COLORADO AVE. STE 205
TELLURIDE, CO 81435
(970)728-4555

SURVEYOR:

CIVIL ENGINEER:

UNCOMPAHGRE ENGINEERING FOLEY ASSOCIATES, INC.

DAVID BALLODE JEFF HASKELL

JEFF HASKELL 125 W. PACIFIC AVE. STE B TELLURIDE, CO 81435 (970) 728-6153

GENERAL CONTRACTOR:

ASHER CUSTOM HOMES

1 RYAN VOEGELI 110 W. 11TH ST. DURANGO, CO 81301 (970)759-7488





PROJECT SUMMARY:

• LOT SIZE:

PO BOX 3945

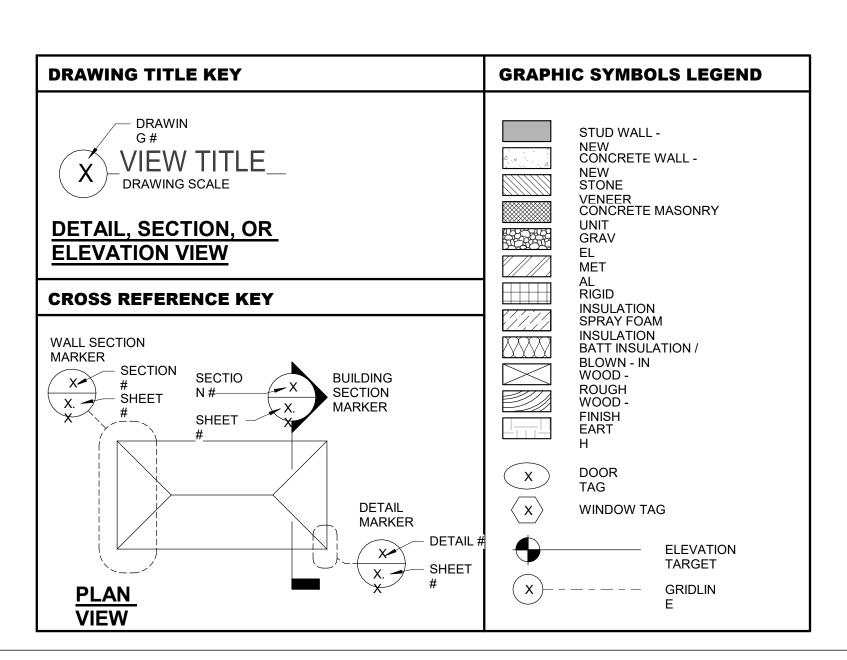
(970)729-0683

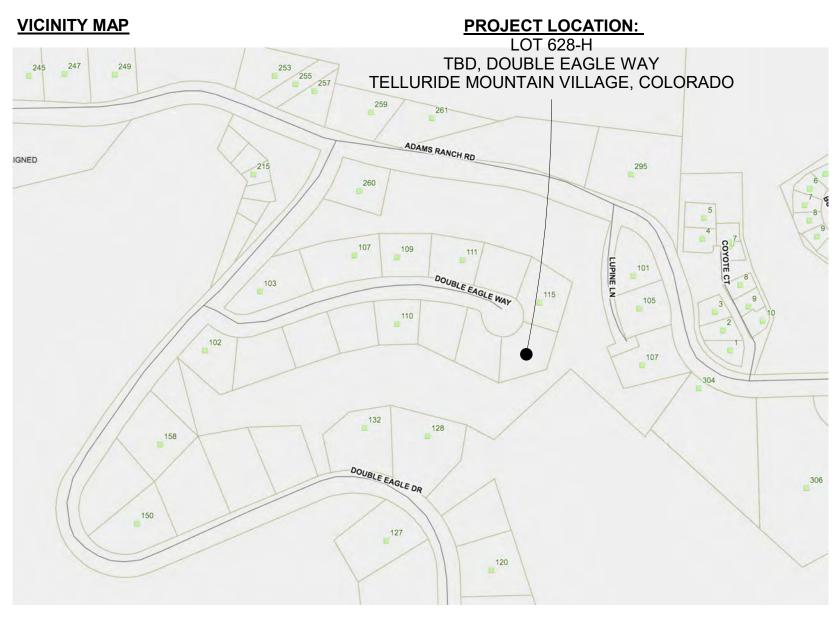
TELLURIDE, CO 81435

- .076 AC OR 16,378 SF
- LOT COVERAGE:
 3493 SF/16,378 SF = 21.3%
- ZONING:
- SINGLE FAMILY RESIDENTIAL
 MAX BUILDING HEIGHT:
- 34.66 FT
- AVERAGE BUILDING HEIGHT:
 13.70 FT
- PARKING:
- INSIDE: 2 SPACESOUTSIDE: 2 SPACES

AREA SUMMARY				
TYPE	AREA (SF)			
LIVING AREA- UPPER LEVEL	2859 SF			
LIVING AREA- LOWER LEVEL	1691 SF			
GARAGE	626 SF			
COVERED PORCH- FRONT	70 SF			
REAR DECK- MAIN	378 SF			
REAR DECK- OFFICE/BEDROOM 1	83 SF			
CRAWL SPACE 1	710 SF			
CRAWL SPACE 2	154 SF			
MECHANICAL	130 SF			
TOTAL	6701 SF			

ADD	REVIATIONS	 			
		F.A.	FIRE ALARM		
A.B.	ANCHOR BOLT	F.D.	FLOOR DRAIN	PL PLY	PLATE
A.C.T.	ACOUSTICAL CEILING TI			PREFAB	PLYWOOD
AFF	ABOVE FINISH FLOOR	F.F.	FINISH FLOOR	PREFAB	PREFABRICATED
ALT.	ALTERNATE	FIN	FINISH	DEEC	DEEDICEDATOR
APPX	APPROXIMATE	FLR	FLOOR	REFG	REFRIGERATOR
ARCH	ARCHITECTURAL	F.O.B.	FACE OF BRICK	REINF	REINFORCED / REINFO
BD	BOARD	F.O.C.	FACE OF CONCRETE	REQD	REQUIRED ROOM
BLDG	BUILDING	FP	FIREPLACE	RM R.O.	ROUGH OPENING
BLK	BLOCK	FT	FOOT / FEET	SF	SQUARE FEET
BLKG	BLOCKING	FTG	FOOTING	SHT	SHEET
BM	BEAM	FURR.	FURRING	SIM	SIMILAR
B.O.	BOTTOM OF		041105	SPEC	SPECIFICATION
BTM	BOTTOM	GA	GAUGE	SQ	SQUARE
BTWN	BETWEEN	GALV	GALVANZIED	STD	STANDARD
B.W.	BOTH WAYS	GC	GENERAL CONTRACTOR	STRUC	STRUCTURAL
C.J.	CONTROL JOINT	GL	GLASS	Ontoo	OTTOOTOTAL
C.L.	CENTER LINE	GLB	GLU-LAM BEAM		
CLOS.	CLOSET	GYP GWB	GYPSUM GYPSUM WALL BOARD	T & B	TOP AND BOTTOM
CLG	CEILING	H.B.	HOSE BIBB	T&G	TONGUE & GROOVE
CLKG	CAULKING	H/C	HANDICAPPED	T.O.	TOP OF
CLR	CLEAR	ПD	HEAD	TS	TUBE STEEL
CMU	CONCRETE MASONRY L	JNIT HDWD	HARDWOOD	TV	TELEVISION
COL	COLUMN	HORIZ	HORIZONTAL	TYP	TYPICAL
CONC	CONCRETE	HT	HEIGHT		
CONN	CONNECTION			U/C	UNDERCOUNTER
CONSTR	CONSRTUCTION	I.D.	INSIDE DIAMETER	U.N.O.	UNLESS NOTED
CONT	CONTINUOUS	INSUL	INSULATION	OTHERW	ISE
C.T.	CERAMIC TILE	INT	INTERIOR		VEDTICAL
		I		VERT	VERTICAL
DET/DTL	DETAIL	LAM.	LAMINATE	VFY	VERIFY IN FIFL D
DIA	DIAMETER	LAV	LAVATORY	VIF	VERIFY IN FIELD
DIAG	DIAGONAL	LDRY	LAUNDRY	10//	WITH
DIM	DIMENSION	I		W/	WITHOUT
DN	DOWN	MAX	MAXIMUM	W/O WC	WITHOUT WATERCLOSET
DS	DOWNSPOUT	MECH	MECHANICAL	WP	WATERCLOSET
DW	DISHWASHER		MANUFACTURER	WD	WOOD
DWG/DW0		•	MINIMUM	VV D	***************************************
(E)	EXISTING	MISC	MISCELLANEOUS		
ĖÁ	EACH	MTL	METAL		
E.J.	EXPANSION JOINT	NIC	NOT IN CONTRACT		
EIFS	EXTERIOR INSULATION	NIC	NOT IN CONTRACT		
	AND FINISH SYSTEM	NA NTC	NOT APPLICABLE		
EL/ELEV	ELEVATION	NTS	NOT TO SCALE		
ELEC	ELECTRICAL	I			
ENCL	ENCLOSURE		ON CENTER		
EQ	EQUAL	O.C.	ON CENTER		
EQUIP	EQUIPMENT	O.D.	OUTSIDE DIAMETER		
EXT	EXTERIOR	OH.	OVERHEAD		
EXIST	EXISTING	OPP.	OPPOSITE		
E.W.	EACH WAY	I			
EXP.	EXPANSION	I			
EXT	EXTERIOR	1			





SHEET LIST				
SHEET NUMBER	SHEET NAME			
A0.0A	COVER SHEET			
A0.0B	AERIAL VIEWS			
C1	CIVIL ENGINEERING WITH GENERAL NOTES			
C2	SITE GRADING WITH DRIVEWAY PROFILE			
C3	UTILITY PLAN			
A0.1	SITE PLAN			
A1.0	FLOOR PLANS			
A1.1	ROOF PLAN			
A2.0	ENLARGED PLANS			
A3.0	ELEVATIONS			
A3.1	EXTERIOR MATERIAL PALETTE			
A3.2	ENTRY MONUMENT			
A3.3	SIDING AND HEIGHT CALCULATIONS			
A4.0	BUILDING SECTIONS			
E1	ELECTRICAL- PLANS AND ELEVATIONS			



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DRB SET FOR APPROVAL

> TBD. DOUBLE EAGLE WAY MOUNTAIN VILLAGE, CO

LOT

ISSUE RECORD

01				
02				
03				
04				
05				
06				
07				
80				
09				
Pro	ject number	Project Number		
Dat	Date 03/05/2°		/05/21	
Dra	ıwn bv	GH		

Checked by

A0.0A
COVER SHEET

MC

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DRB SET FOR APPROVAL

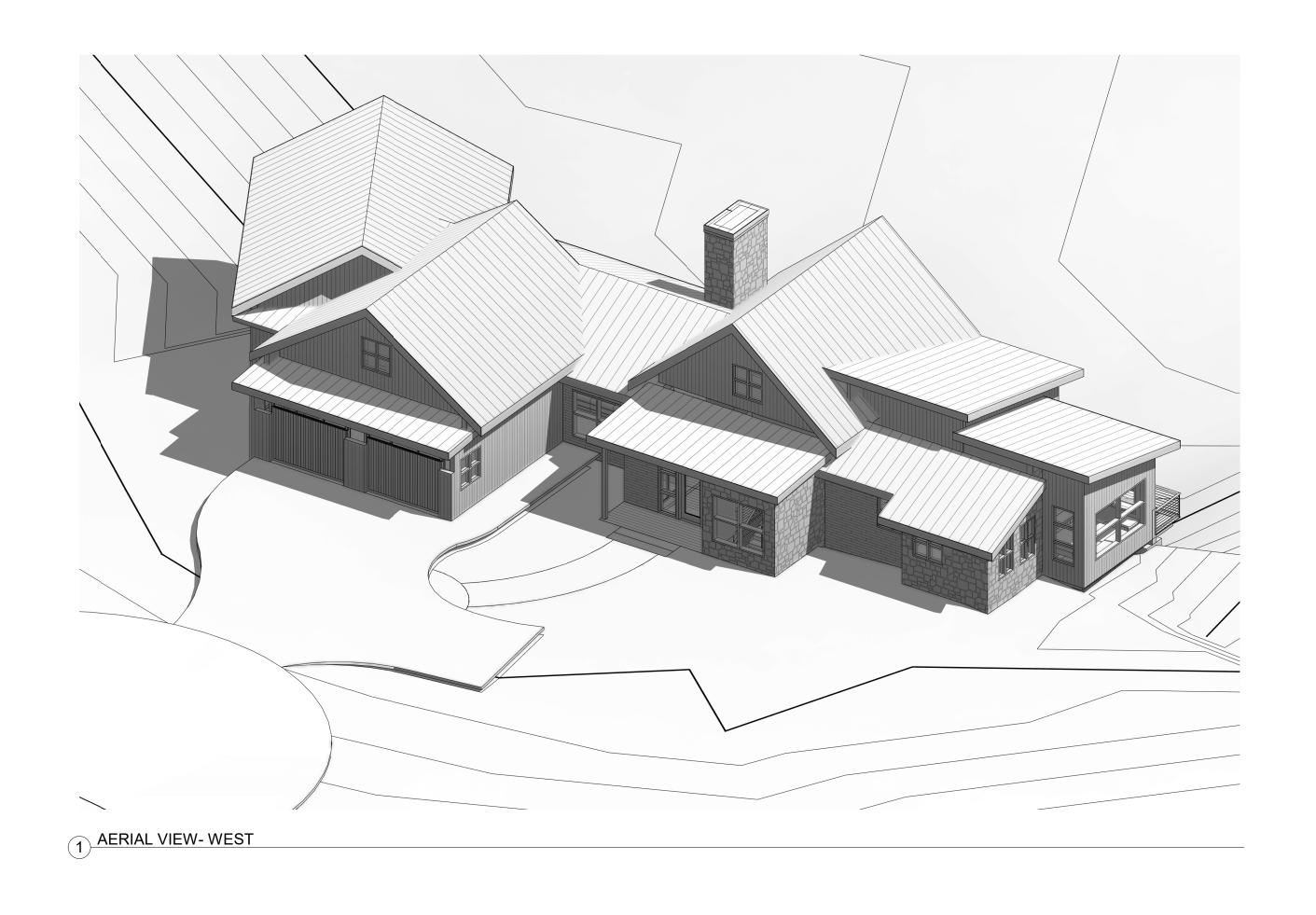
LOT 628-H

ISSUE RECORD

Project number Project Number

Date 03/05/21 03/05/21 Drawn by

> A0.0B AERIAL VIEWS







GENERAL CIVIL ENGINEERING NOTES:

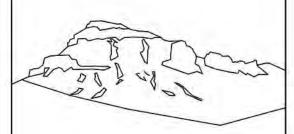
1. THE EXISTING UTILITY LINES SHOWN ON THE PLANS ARE APPROXIMATE. AT LEAST TWO (2) FULL WORKING DAYS PRIOR TO TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO @ 1-800-922-1987 OR 811 TO GET ALL UTILITIES LOCATED. IF ANY OF THESE UNDERGROUND UTILITIES ARE IN CONFLICT WITH THE CONSTRUCTION PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND WORK WITH THE ENGINEER TO FIND A SOLUTION BEFORE THE START OF CONSTRUCTION.

INSTALLATION AND SEPARATION REQUIREMENTS SHALL BE COORDINATED WITH THE INDIVIDUAL UTILITY PROVIDERS.

THE UTILITY PROVIDERS ARE:
SEWER, WATER, CABLE TV AND FIBEROPTIC: TOWN OF MOUNTAIN VILLAGE
NATURAL GAS: BLACK HILLS ENERGY
POWER: SAN MIGUEL POWER
TELEPHONE: CENTURY LINK

2. PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES, ALL NECESSARY PERMITS SHALL BE OBTAINED BY THE OWNER OR CONTRACTOR.

- 3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT EXCAVATED SLOPES ARE SAFE AND COMPLY WITH OSHA REQUIRIEMENTS. REFER TO THE SITE—SPECIFIC REPORT FOR THIS PROJECT FOR ADDITIONAL INFORMATION..
- 4. ALL TRENCHES SHALL BE ADEQUATELY SUPPORTED OR LAID BACK PER OSHA REGULATIONS.
- 5. ALL MATERIALS AND CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE TOWN OF MOUNTAIN VILLAGE DESIGN STANDARDS LATEST EDITION. ALL CONSTRUCTION WITHIN EXISTING STREET OR ALLEY RIGHT—OF—WAY SHALL BE SUBJECT TO TOWN OF MOUNTAIN VILLAGE INSPECTION.
- 6. THE CONTRACTOR SHALL HAVE ONE COPY OF THE STAMPED PLANS ON THE JOB SITE AT ALL TIMES.
- 7. THE CONTRACTOR SHALL NOTIFY THE TOWN 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION. THE ADJOINING ROADWAYS SHALL BE FREE OF DEBRIS AT THE END OF CONSTRUCTION ACTIVITIES EACH DAY.
- 9. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN PROPER TRAFFIC CONTROL DEVICES UNTIL THE SITE IS OPEN TO TRAFFIC. ANY TRAFFIC CLOSURES MUST BE COORDINATED WITH THE TOWN OF MOUNTAIN VILLAGE.
- 10. ALL DAMAGE TO PUBLIC STREETS AND ROADS, INCLUDING HAUL ROUTES, TRAILS, OR STREET IMPROVEMENTS, OR TO PRIVATE PROPERTY, SHALL BE REPAIRED AT THE SOLE EXPENSE OF THE CONTRACTOR TO THE ORIGINAL CONDITIONS.
- 11. WHEN AN EXISTING ASPHALT STREET IS CUT, THE STREET MUST BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN ITS ORIGINAL CONDITION. THE FINISHED PATCH SHALL BLEND SMOOTHLY INTO THE EXISTING SURFACE. ALL LARGE PATCHES SHALL BE PAVED WITH AN ASPHALT LAY—DOWN MACHINE.
- 12. IF DEWATERING IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER. ANY DISCHARGE REQUIREMENTS SHALL BE COORDINATED WITH THE TOWN OF MOUNTAIN VILLAGE.
- 13. CONTRACTOR SHALL NOTIFY ALL RESIDENTS IN WRITING 24 HOURS PRIOR TO ANY SHUT-OFF IN SERVICE. THE NOTICES MUST HAVE CONTRACTOR'S PHONE NUMBER AND NAME OF CONTACT PERSON, AND EMERGENCY PHONE NUMBER FOR AFTER HOURS CALLS. ALL SHUT-OFF'S MUST BE APPROVED BY THE TOWN AND TOWN VALVES AND APPURTENANCES SHALL BE OPERATED BY TOWN PERSONNEL.
- 14. CONTRACTOR SHALL KEEP SITE CLEAN AND LITTER FREE (INCLUDING CIGARETTE BUTTS) BY PROVIDING A CONSTRUCTION DEBRIS TRASH CONTAINER AND A BEAR-PROOF POLY-CART TRASH CONTAINER, WHICH IS TO BE LOCKED AT ALL TIMES.
- 15. CONTRACTOR MUST BE AWARE OF ALL TREES TO REMAIN PER THE DESIGN AND APPROVAL PROCESS AND PROTECT THEM ACCORDINGLY.
- 16. THE CONTRACTOR SHALL PROVIDE UNDERGROUND UTILITY AS-BUILTS TO THE TOWN.
- 17. ALL STRUCTURAL FILL UNDER HARDSCAPE OR ROADS MUST BE COMPACTED TO 95% MODIFIED PROCTOR (MIN.) AT PLUS OR MINUS 2% OF THE OPTIMUM MOISTURE CONTENT. NON—STRUCTURAL FILL SHALL BE PLACED AT 90% (MIN.) MODIFIED PROCTOR.
- 18. UNSUITABLE MATERIAL SHALL BE REMOVED AS REQUIRED BY THE SOILS ENGINEER. ALL MATERIALS SUCH AS LUMBER, LOGS, BRUSH, TOPSOIL OR ORGANIC MATERIALS OR RUBBISH SHALL BE REMOVED FROM ALL AREAS TO RECEIVE COMPACTED FILL.
- 19. NO MATERIAL SHALL BE COMPACTED WHEN FROZEN.
- 20. NATIVE TOPSOIL SHALL BE STOCKPILED TO THE EXTENT FEASIBLE ON THE SITE FOR USE ON AREAS TO BE REVEGETATED.
- 21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST ABATEMENT AND EROSION CONTROL MEASURES DEEMED NECESSARY BY THE TOWN, IF CONDITIONS WARRANT THEM.
- 22. ALL DISTURBED GROUND SHALL BE RE—SEEDED WITH A TOWN—APPROVED SEED MIX. REFER TO THE LANDSCAPE PLAN.
- 23. THE CONTRACTOR IS REQUIRED TO PROTECT ALL EXISTING SURVEY MONUMENTS AND PROPERTY CORNERS DURING GRADING AND CONSTRUCTION.
- 24. ALL UNDERGROUND PIPE SHALL BE PROTECTED WITH BEDDING TO PROTECT THE PIPE FROM BEING DAMAGED.
- 25. HOT TUBS SHALL DRAIN TO THE SANITARY SEWER (OR PUMPED TO AA CLEAN-OUT).
- 26. THE UTILITY PLAN DEPICTS FINAL UTILITY LOCATIONS BUT HAS BEEN COMPLETED AT A PRELIMINARY STAGE. CONTRACTOR SHALL VERIFY ALIGNMENTS WITH THE ARCHITECT PRIOR TO CONSTRUCTION.



Uncompangre Engineering, LLC

P.O. Box 3945 Telluride, CO 81435 970-729-0683

2021-03-05

SUBMISSIONS:

DRB 1 SUBMITTAL

Lot 628-H Double Eagle Way Mtn. Village, CO

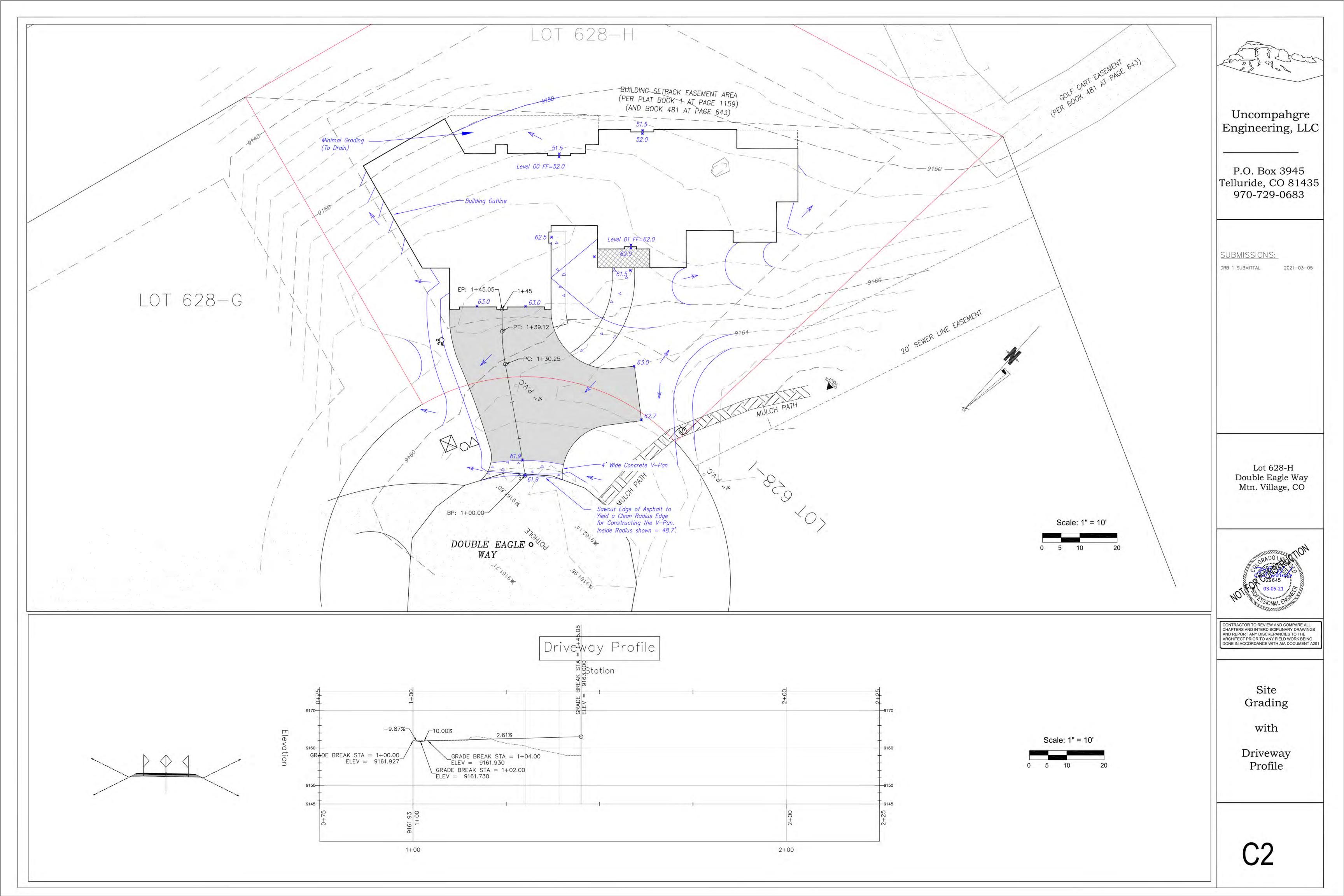


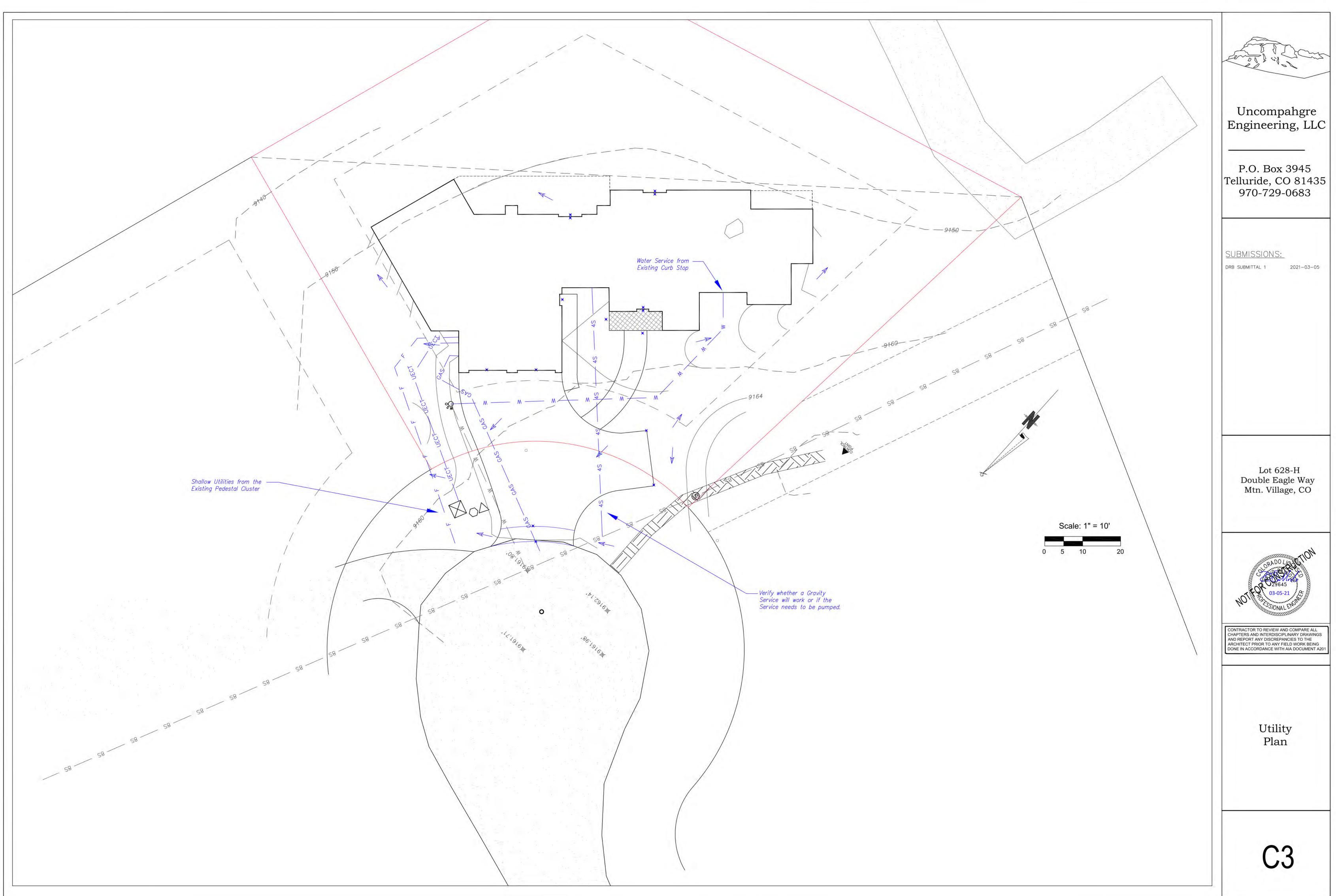
CONTRACTOR TO REVIEW AND COMPARE ALL CHAPTERS AND INTERDISCIPLINARY DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO ANY FIELD WORK BEING DONE IN ACCORDANCE WITH AIA DOCUMENT A201

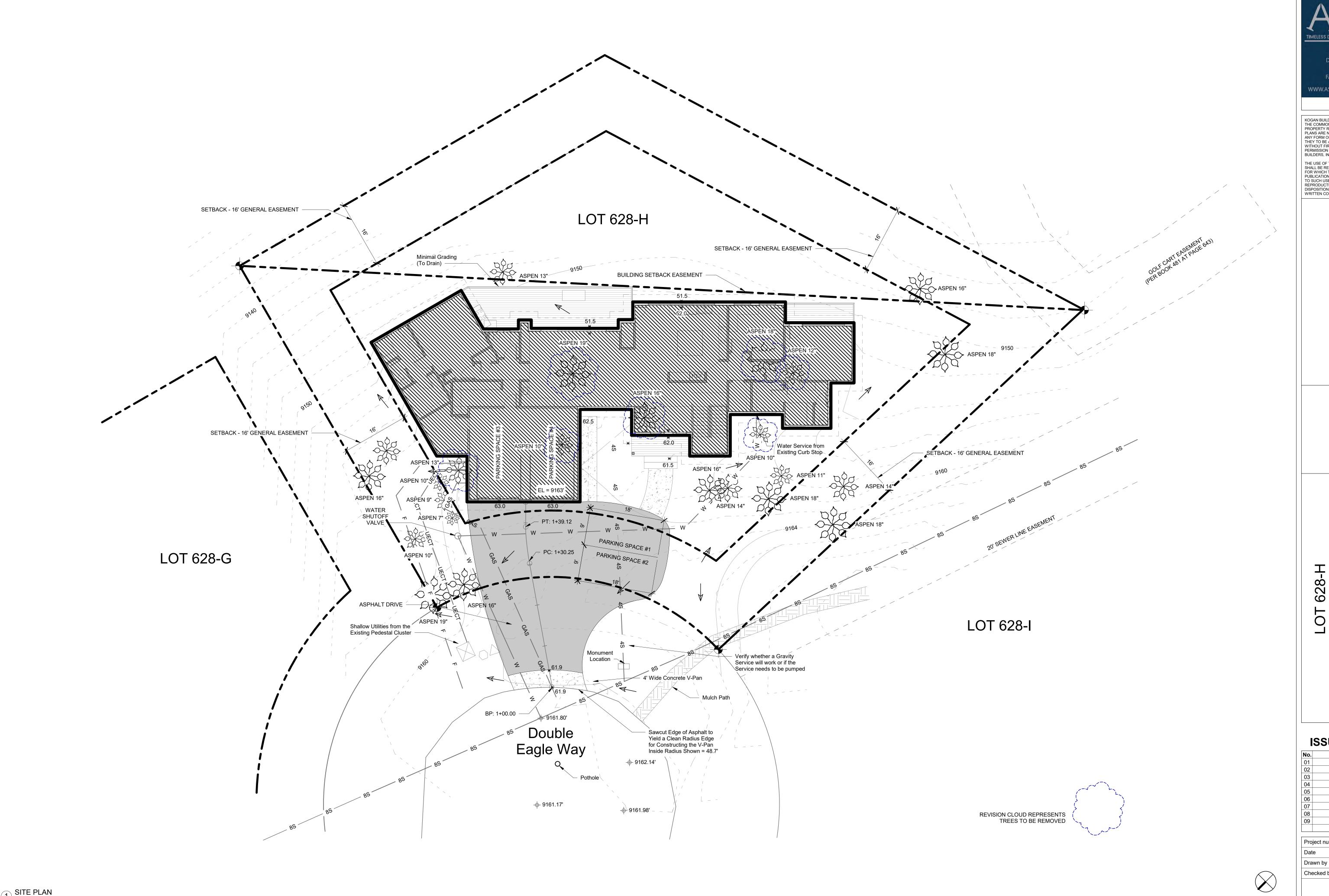
Civil Engineering

General Notes

C1









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LOT 628-H

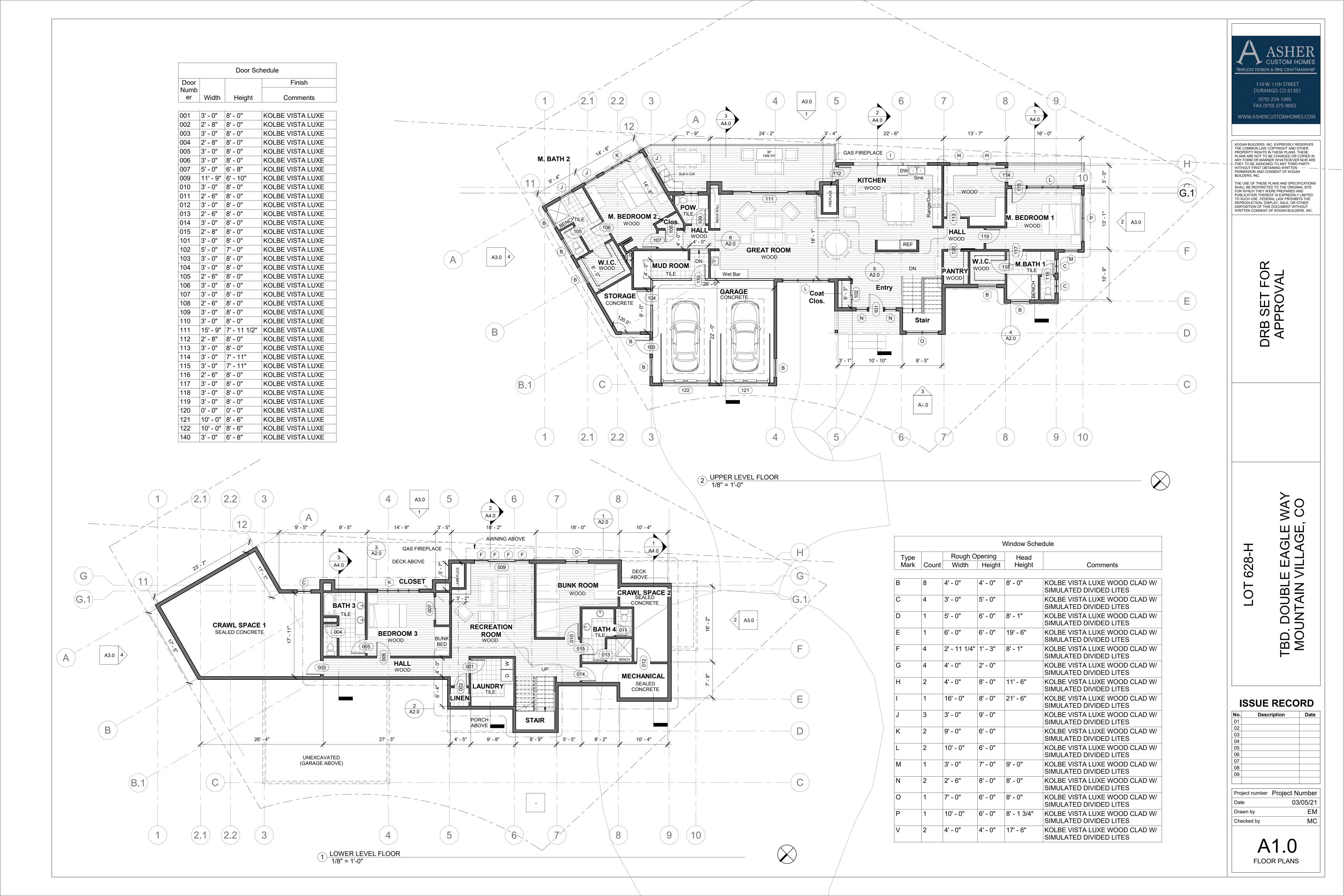
ISSUE RECORD

Project number Project Number 03/05/21

Checked by

SITE PLAN

1 SITE PLAN 1" = 10'-0"



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

DRB SET FOR APPROVAL

LOT 628-H

TBD. DOUBLE EAGLE WAY MOUNTAIN VILLAGE, CO

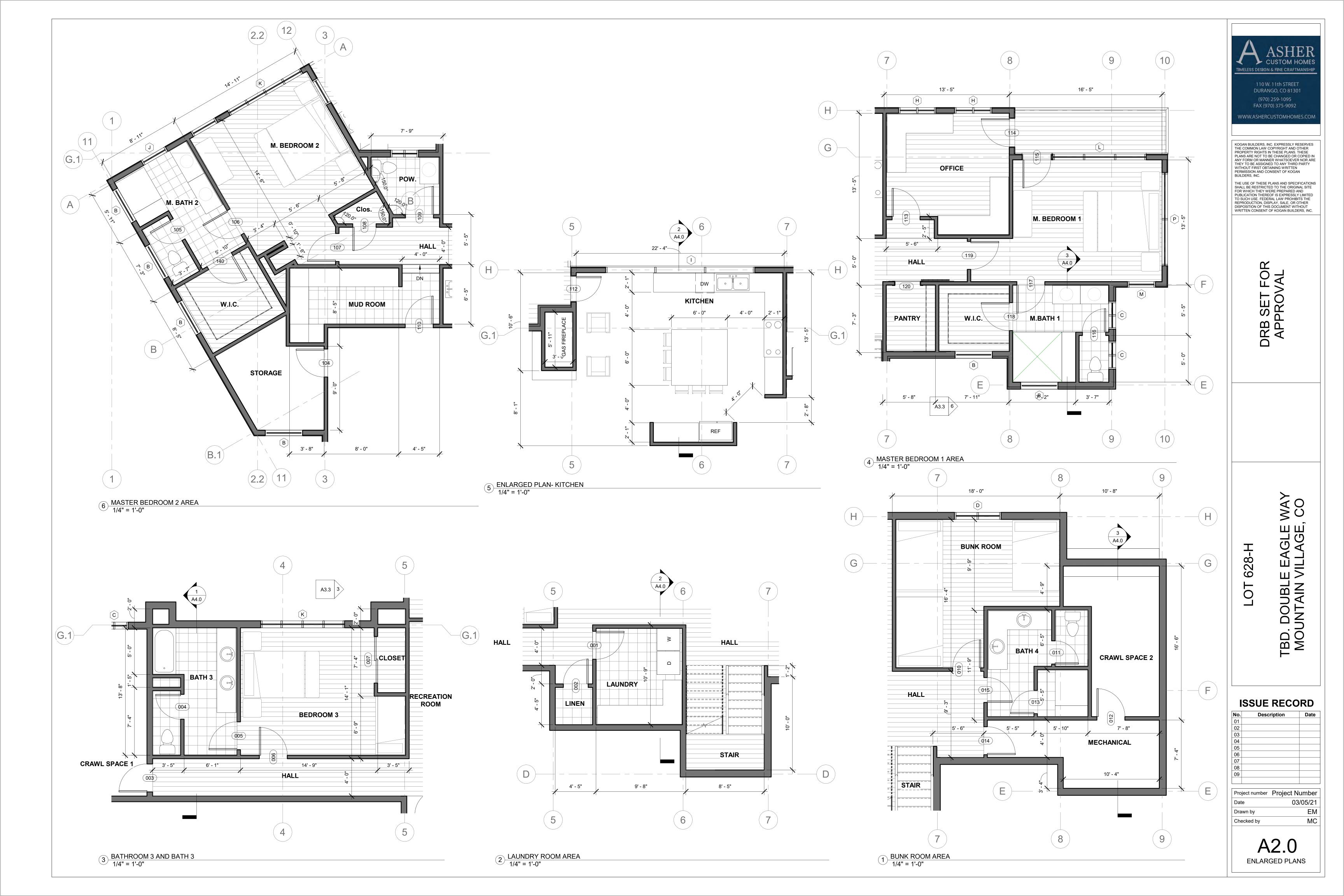
IMELESS DESIGN & FINE CRAFTMANSHIP 110 W. 11th STREET DURANGO, CO 81301 (970) 259-1095 FAX (970) 375-9092 WWW.ASHERCUSTOMHOMES.COM KOGAN BUILDERS, INC. EXPRESSLY RESERVES
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03/05/21 Drawn by Checked by A1.1 ROOF PLAN

Project number Project Number

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ISSUE RECORD



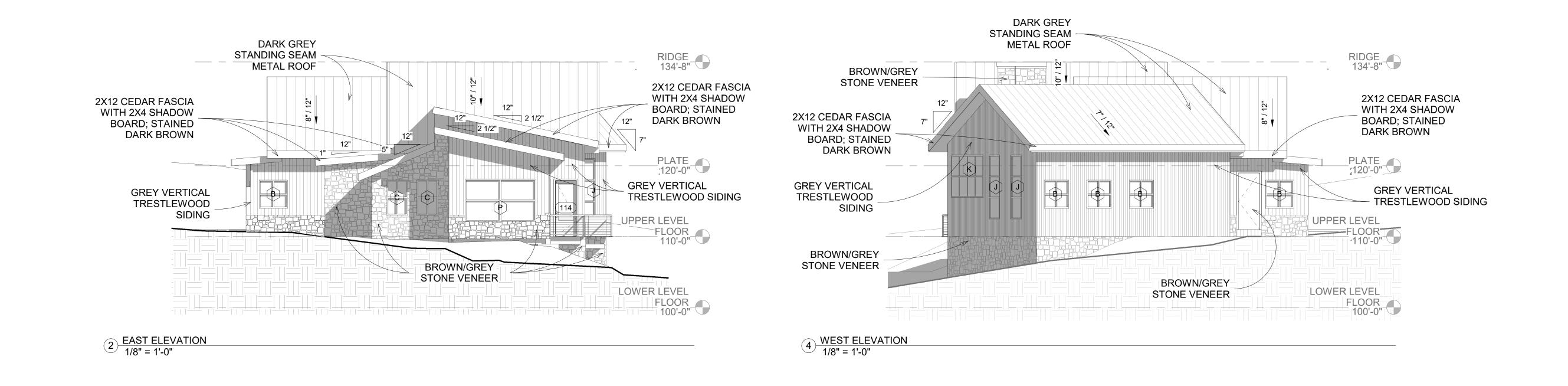
UPPER LEVEL

FLOOR 110'-0"

GREY VERTICAL

OWER LEVEL
- FLOOR
- 100'-0"

TRESTLEWOOD SIDING



G G G G

BROWN/GREY STONE VENEER

BROWN/GREY STONE VENEER

PAINTED STEEL RAIL

GREY VERTICAL

BROWN/GREY STONE VENEER

BROWN/GREY STONE VENEER

1 NORTH ELEVATION 1/8" = 1'-0"

TRESTLEWOOD SIDING



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FOR

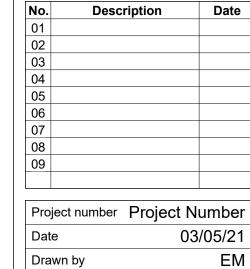
DRB SET FAPPROVI

TBD. DOUBLE EAGLE WAY MOUNTAIN VILLAGE, CO

628-H

LOT

ISSUE RECORD Description



A3.0 **ELEVATIONS**

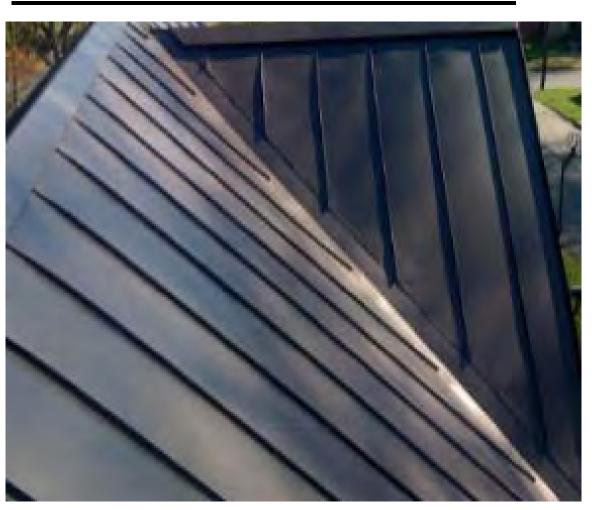
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MC

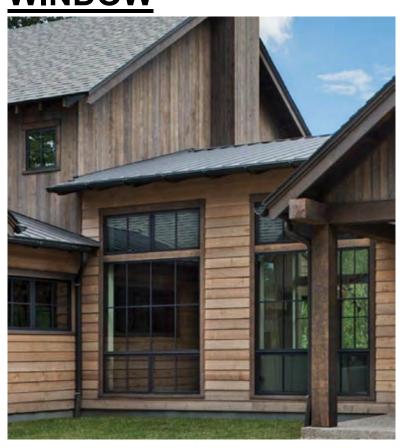
BUILDING MATERIAL PALETTE



DARK GREY STANDING SEAM METAL ROOF



KOLBE VISTA LUXE WINDOW



TRESTLEWOOD SIDING **BUILDING EXAMPLE**



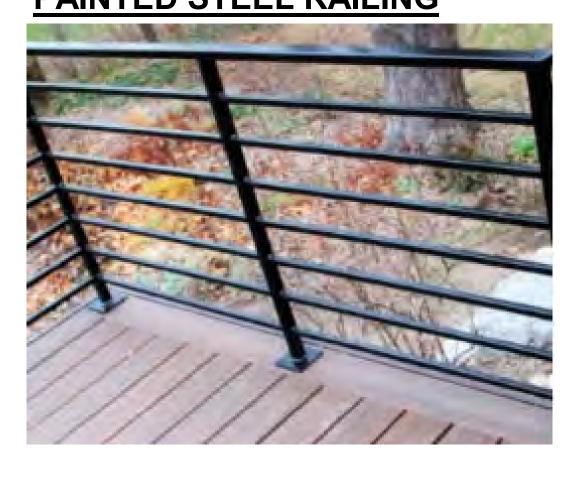
KOLBE VISTA LUXE DOOR



COMPOSITE DECKING EXAMPLE



PAINTED STEEL RAILING



TRESTLEWOOD SIDING **BUILDING EXAMPLE**



TYPICAL SLIDER DOOR



TYPICAL WINDOW AND TIMBER SKIN EXAMPLE



ROUGH CEDAR SOFFIT AND PORCH LIDS



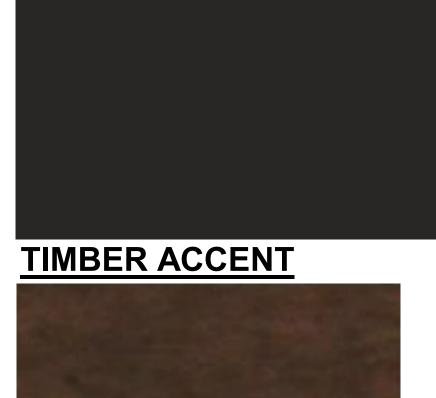
STONE



TRESTLEWOOD SIDING



ALUMINUM WINDOW CLADDING





ROUGH CEDAR



110 W. 11th STREET DURANGO, CO 81301 FAX (970) 375-9092

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DRB SET FOR APPROVAL

ISSUE RECORD

No.	Desc	ription	Date	
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09				
Pro	ject number	Project N	umber	
Dat	e	03	/05/21	
Dra	ıwn by	Author		

A3.1 EXTERIOR MATERIAL PALETTE

Checker

DURANGO, CO 81301 FAX (970) 375-9092 VWW.ASHERCUSTOMHOMES.COM

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ISSUE RECORD

Project number Project Number

03/05/21

ENTRY MONUMENT

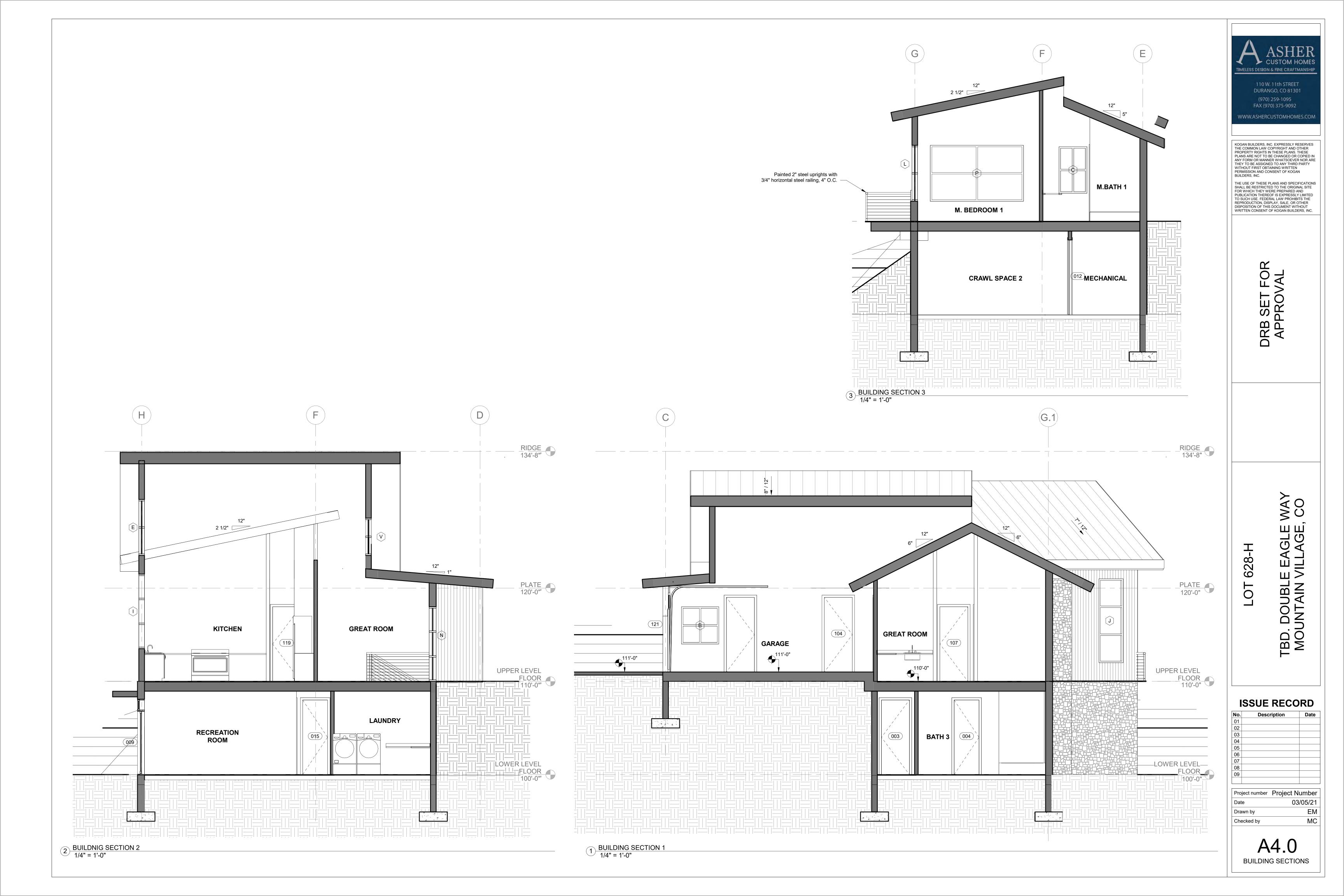


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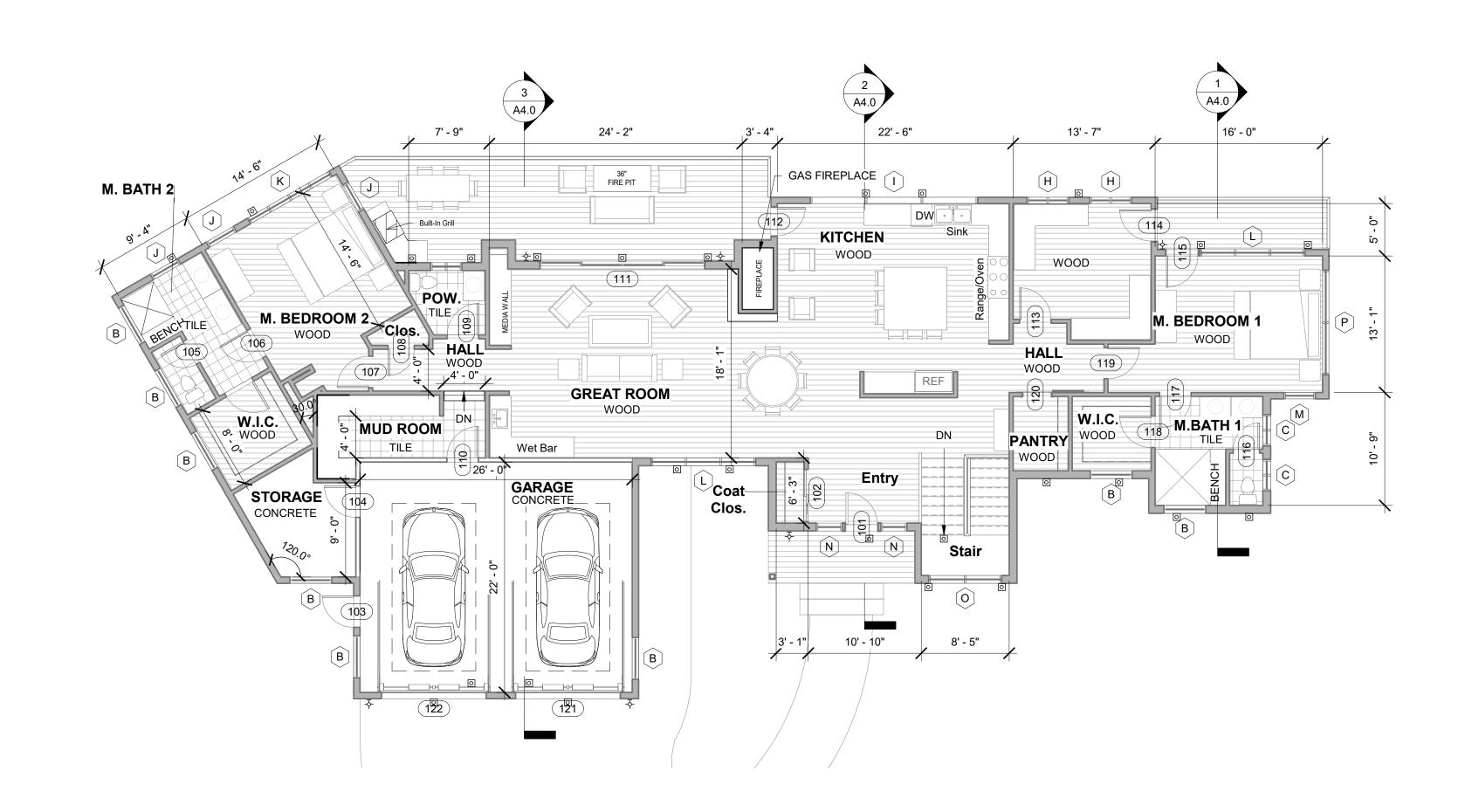


Printed in U.S.A: @2017-2020 Asuity Brands Lighting, Inc. Rev. 05/20/20

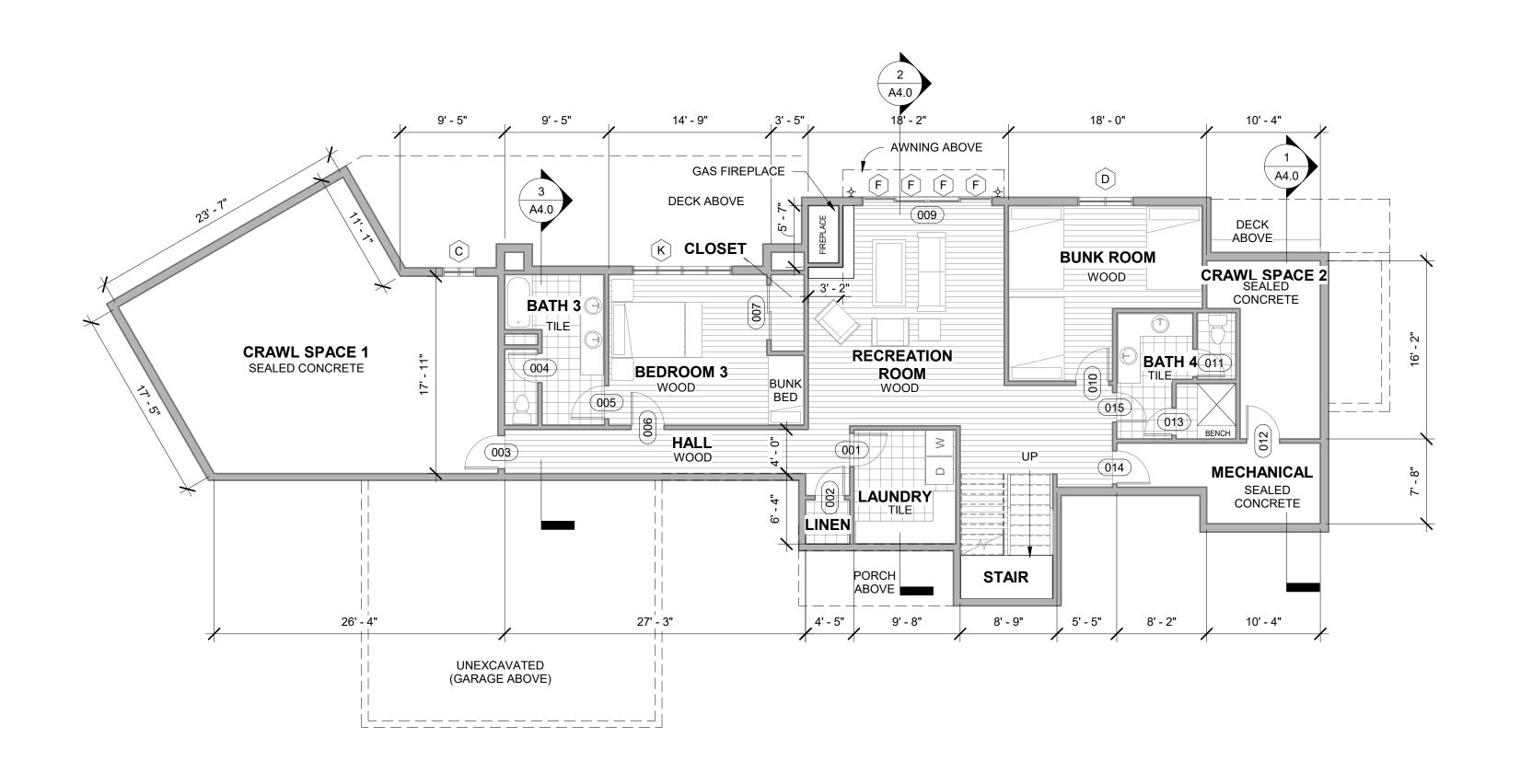
Light Commercial & Residential

	EXTERIOR LIGHT FIXTURE SCHEDULE						
MARK	TYPE	MANUF.	MODEL	LAMP	WATT	TRIM/NOTES	
А	SCONCE	PANDORA	WS-W30509	LED	TBD	ORB	
В	4" RECESSED CAN	JUNO	TC4AL	LED	TBD	47L WHZBRZ	





1 Electrical Plan - Upper Level 1/8" = 1'-0"





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DRB SET FOF APPROVAL

> TBD. DOUBLE EAGLE WA MOUNTAIN VILLAGE, C

628-H

LOT

ISSUE RECORD

 No.
 Description
 Date

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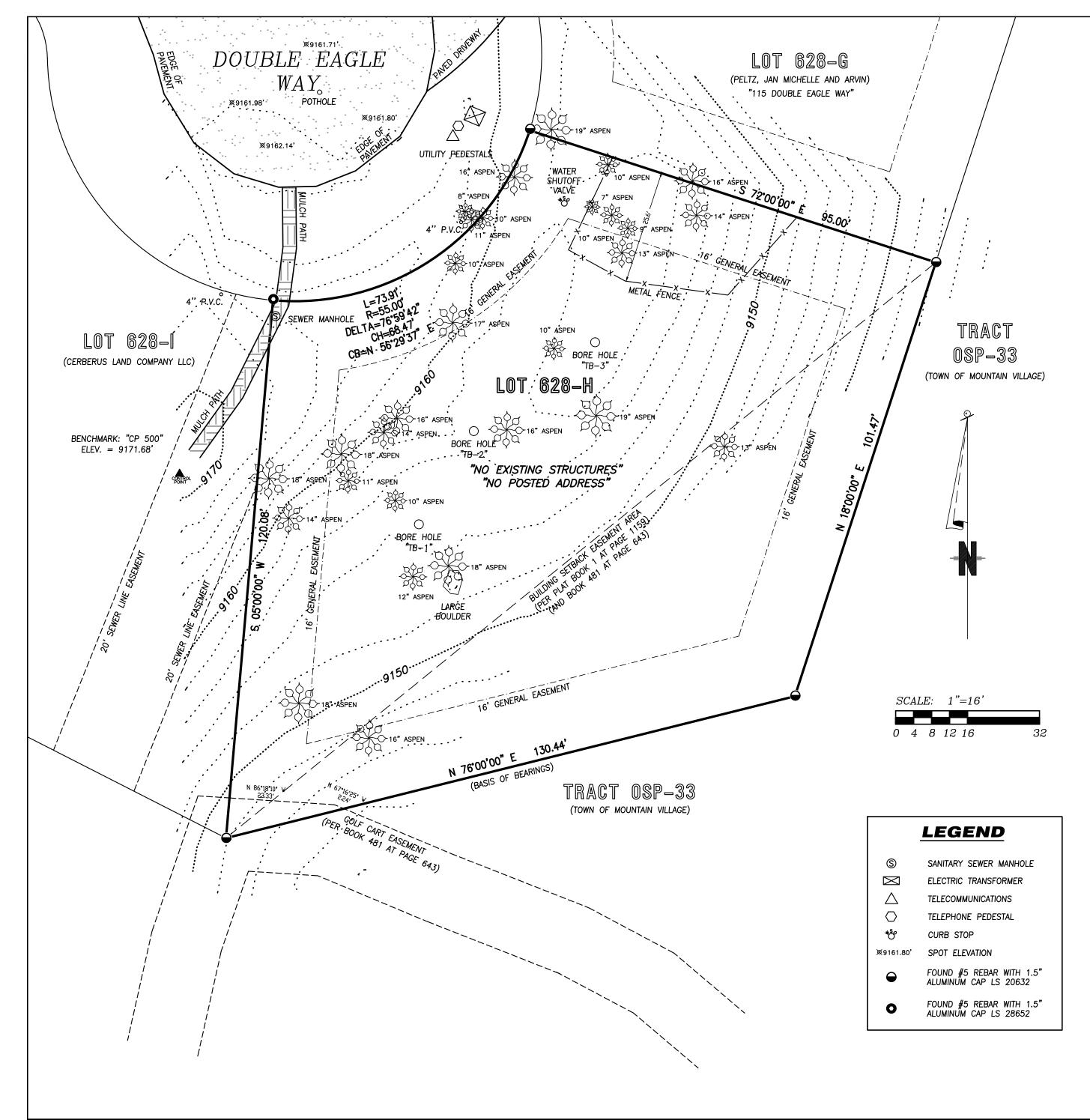
Project number Project Number

Date 03/05/21

Drawn by Author

Checked by Checker

E1
ELECTRICAL- PLANS
AND ELEVATIONS



This topographic survey of a portion of Lot 628—H, Telluride Mountain Village, was field surveyed on November 19, 2019 under the direct responsibility, supervision and checking of Jeffrey C. Haskell of Foley Associates, Inc., being a Colorado Licensed Surveyor. It does not constitute a Land Survey Plat or Improvement Survey Plat as defined by section 38—51—102 C.R.S.

P.L.S. NO. 37970

Date

NOTES:

- 1. This survey does not constitute a title search by Foley Associates, Inc. to determine the ownership of this property or easements of record.
- 2. Benchmark: 20D nail "CP 500" as shown hereon, with an assumed elevation of 9171.68 feet.
- 3. Contour interval is two feet.
- 4. Due to winter conditions, only visible improvements are shown on this survey. Any improvements buried under snow cover will not be shown.
- 5. NOTICE: According to Colorado law, you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

TOPOGRAPHIC SURVEY

LOT 628-H, TOWN OF MOUNTAIN VILLAGE located within Section 33, T.43N., R.9W., N.M.P.M., County of San Miguel, State of Colorado

Project Mgr: JH

Technician: F0

Technician:
Checked by:
Start date: 07/16/2019

ASSOCIATES, INC.

ENGINEERING PLANNING SURVEYING

Drawing path: dwg\00026 ISP 07-19.dwg

970-728-6153 970-728-6050 fax
PO Box 1385
125 W. Pacific Ave., Suite B-1
Telluride, Colorado, 81435

| Sheet1 of 1 | Project #: 00026



TELLURIDE FIRE PROTECTION DISTRICT

Scott Heidergott, Fire Marshal

Address: Lot 628-H

Mountain Village, CO 81435

Architect: Alpenglow Design/Bercovitz Design

1) The structure is over 3,600 sq ft and shall require a monitored sprinkler system.

2) The address monument shall be minimum 4'6" from grade to the bottom of the address numbers. Address numbers shall be 6" in height, reflective coated or outlined with a reflective coating.



AGENDA ITEM 10 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: Design Review Board Public Hearing; May 6, 2021

DATE: April 27, 2021

RE: Consideration of a Design Review: Initial Architecture and Site Review for

a new Single-Family home on Lot 165 - Unit 7, 170 Cortina Drive, pursuant

to CDC Section 17.4.11.

Project Overview

PROJECT GEOGRAPHY

Legal Description: UNIT 7 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: 170 Cortina Drive

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

Zoning: Multi-Family

Existing Use: Vacant Proposed Use: Detached

Condominium

Lot Size: 0.42 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: Staff Referral Comments



<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 7 – 170 Cortina Drive. The Lot is approximately 0.42 acres and is zoned Multi-Family (Detached Condominium) with the overall square footage of the home being approximately 7,962 gross square feet. The applicant has provided all the required materials for the IASR for the proposed home.

History and Existing Conditions: Lot 165-7 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. This replat also affected 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 7 is entirely forested and contains slopes over 30%. 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. The units at Cortina do not have General Easements, but they do have established building envelopes and in some cases pedestrian/skier easements.

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
Maximum Building Height	40' (gable)	39.79'
Maximum Avg. Building Height	35' (gable)	33.12'
Maximum Lot Coverage	40% Maximum	32.6%
General Easement Setbacks	16 Foot Setback (No GE)	See Section 17.3.14
	, ,	Below
Roof Pitch		
Primary		5½:12
Secondary		6:12,1:12, 2:12
Exterior Material**		
Stone	35% minimum	37%
Windows/Doors	40% maximum	28%
Parking	2 spaces	2

Design Review Board Specific Approval:

1) Setback Encroachment

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 a mixture of primary gabled roof forms and is limited by a maximum building height of 40 feet. The maximum average height must be at or below 35 feet. 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: Based on the heights provided as part of the submittal documents, the maximum building height as proposed is 39.79 feet from the highest ridge to the grade below and the maximum average building height is shown at 33.12 feet. As part of the height analysis, the applicant has provided a parallel plane analysis demonstrating that no portion of the home penetrates the 40-foot parallel slope height allowance for gabled roof forms. The design does well in its incorporation of stepped massing as the topography of the site slopes down to the north and west. If the DRB concurs with the staff's height analysis, then there shall be a condition of approval that shall require a height survey to occur prior to framing inspections in order to demonstrate compliance with maximum heights.

17.3.14: General Easement Setbacks

Lot 165 Unit 7 does not have a General Easement and is instead 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 Driveways, Ski Access, Utilities, Address Monuments, and Fire Mitigation.

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

- Driveway: The front setback of the lot is encumbered by a driveway easement for Units 7 and 8. A small portion of Unit 7's setback does contain a portion of the driveway to be exclusively used by Unit 7.
- Utilities: Utilities will be required to cross the front setback area due to existing locations of Sewer, Water, and Shallow Utilities located in Cortina Drive as shown on the Utility Plan. It should be noted that the existing cable and electric boxes will be required to be lowered approximately 2 feet.
- Fire Mitigation: The applicant will be required to provide tree removal for fire mitigation in the Setback. This will be discussed in more detail within the environmental standards section below.

In addition to the above, the proposal also includes setback encroachments that do not fall into the above category of permitted setback development activity:

• Drainage: On page C1-01, the civil drawings show a small portion of a trench drain that crosses the setback area. It appears that this encroachment is below grade.

 Landscaping: Due to the steepness of the lot, the applicant has proposed some grading to occur within the setbacks surrounding the home. Although not currently shown, staff is anticipating additional landscaping to occur in the setback areas which will assumably require irrigation to also be located within the setbacks.

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 home with foundation walls within 5' of the GE or setback will require a footer survey prior to 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 at Unit 7 can be categorized as a contemporary mountain modern design, incorporating gabled roof forms, and stepped architectural massing with traditional materials such as stone, metal, wood, and timber accents. The applicant appears to address compliance with these provisions through the building's location, mature tree preservation, building materials, and overall form.

It appears based on the applicant's submittal that the material palette for the project blends well with both the surrounding Cortina 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 7 is 0.42-acres and slopes from a high point along Cortina Drive down to a benched area towards the middle of the unit before beginning to slope steeply towards Lot SS 165AB-R (Cassidy Ridge). As shown in the attached survey work, a large portion of the unit consists of slopes greater than 30%, and in order to develop the site, it appears impossible to not disturb some of these areas. With that, staff believes that the applicant has located the home in what appears to be the most logical location of the site – the flat bench area outside of these steep slopes. The stepped massing of the home along with existing mature landscaping help to blend the home into the existing landforms and vegetation as required by the CDC.

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 2" Winsor Stone Veneer that generally surrounds the foundation of the home. Metal and Timber accents link the strong stone base vertically with the gabled roof forms in a way that complement the home well. The design calls for horizontal 2x10" shiplap wood siding with a driftwood color similar to the stone in the renderings, but that contrasts with the metal and roof elements of the home.

A prominent feature of the home is the outdoor living spaces to the rear of the Unit on both the main floor and upper levels. These spaces allow the occupants to enjoy views to the north but do not appear to overpower the form of the home. It will be important that the lighting in these areas when presented at a future hearing allows for realistic use of this outdoor space but does not overpower adjacent properties through light trespass.

The home's exterior palette as shown in the materials sheet of the submission appears to blend well, providing some contrast between the stone, metal, and wood. The garage door material has not been specified in the plan set but appears in the renderings to be light panels with a dark base and frame. Prior to final, the applicant shall provide additional details on the garage door materials. The applicant is proposing a zinc standing seam roof which is a permitted roof type in the CDC.

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 prior to 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 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. Due to the steepness of the site, most areas surrounding the home will be disturbed and require grading. On-Page C1-01, the plans demonstrate this, but also show grading to occur off-site at Unit 6. This shall be revised to demonstrate that the construction of Unit 7 does not encroach on the Unit 6 property boundaries. In areas where drainage swales are created to direct run-off, erosion-control blankets shall be used to slow the velocity of run-off, decrease erosion and promote quick revegetation.

17.5.8: Parking Regulations

Staff: The CDC requires all detached condominium developments to provide two parking spaces. The applicant is currently showing two exterior spaces on their plan which are not required as part of the CDC. Staff requests that this be revised and that exterior parking be removed from the Plans which would eliminate any required tandem parking request.

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. Landscaping at Unit 7 will be important as there will be a balance necessary between providing fire protection and maintaining existing mature landscaping to screen any adjacent uses. Staff recommends working with the Town Forester on this component of the Landscaping and Fire Mitigation Plans.

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 provided some schematics for the address monument but the following items should be updated prior to final review.

- 1. Dimensions add dimensions for the heights of the monument and numbering from adjacent finished grade. The monument shall be no larger than 6 feet, and the bottom of the numbers shall be at least 54" from the ground.
- 2. The numbering must be downlit. Staff does not believe a cutout number meets this criterion.

Chapter 17.6: SUPPLEMENTARY REGULATIONS 17.6.1: Environmental Regulations

Staff: Fire Mitigation and Forestry Management: Staff is requesting that the applicant works with the Town Forester to better understand the fire mitigation on this site. Staff does not recommend waiving the requirements for mitigation but understands the sensitivity of the site as it relates to view impacts.

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 – the actual driveway area for Unit 7 is quite small. It would be helpful to better understand the grades of this driveway prior to final review. The widths as proposed meet the requirements of the CDC. It does not appear that there are any retaining walls associated with the driveway based on the grading plans provided.

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 7 and the adjacent homes in Cortina. Any future CMP should be addressed in phases as the initial site work will prohibit things like parking and staging from occurring on Unit 7. 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.

PROPOSED MOTIONS

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

Staff Recommendation: Staff recommends the DRB approve the Initial Architectural and Site Review for Lot 165, Unit 7, 170 Cortina Drive.

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

Proposed Motion:

If the DRB deems this application to be appropriate for 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 condominium located at Lots 165, Unit 7 based on the evidence provided within the Staff Report of record dated April 27, 2021, with the following Specific Approvals:

Design Review Board Specific Approvals:

1) Setback Encroachments as documented within this Memo.

And with the following conditions:

- 1) Prior to the Final Architecture Review, the applicant shall provide details on the garage door materials.
- 2) Prior to the Final Architecture Review, the applicant shall demonstrate all exterior areas of snowmelt.
- 3) Prior to the Final Architecture Review, the applicant shall demonstrate that all pedestrian areas and decks are shielded from snow with roof fencing.
- 4) Prior to the Final Architecture Review, the applicant shall update the Civil Grading Plans as documented in this memo, to include a profile view of driveway grade.
- 5) Prior to the Final Architecture Review, the applicant shall update the proposed address monument as documented in this memo.
- 6) Prior to the Final Architecture Review, the applicant shall coordinate with the Town Forester on the Landscaping and Fire Mitigation Plan.
- 7) 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.
- 8) 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.
- 9) It is incumbent upon an owner to understand whether above-grade utilities and town infrastructure (fire hydrants, electric utility boxes) whether placed in the right of way, general easement, or setback, are placed in an area that may encumber access to their lot. Relocation of such above-grade infrastructure appurtenances will occur at the owner's sole expense and in coordination with the appropriate entity (Fire Department, SMPA, Town of Mountain Village) so that the relocated position is satisfactory.
- 10) 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.

- 11) A monumented land survey of the footers will be provided prior to pouring concrete to determine there are no additional encroachments into the GE.
- 12) 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

T7 Project Narrative:

Located in Mountain Village, Unit 7 is a down sloping site off of Cortina Drive. The lot is accessed through a driveway easement across unit 6. The lot is heavily covered with fir, spruce and aspen trees. Unit 7 has views of Mountain Village, and various peaks to the north/north east. Unit 7 is a ski in ski out lot.

The proposed mountain modern design for Unit 7 will be finished with an exterior material palette that includes horizontal grey wood siding, a linear stone layup, zinc metal paneling, black window frames, and a grey zinc standing seam roof. Public spaces of the Great Room and Grand Patio are pushed to the North side of the site to take advantage of views. The Great Room, Grand Patio, Dining room, and Lower patio are oriented to enjoy the summer sunset views to the west. The ski room is located on the lowest level, providing ski in, ski out access to the west. The garage is located closest to Cortina to allow for a functional access to the home. A lower level includes bedrooms, ski room, and family room that opens to the west & overlooks the lower level patio. An upper level master suite takes advantage of the higher viewpoint with a large expanse of glazing that provides endless views to the north.

Sincerely,

1. Day 1

Jamie Daugaard, AIA, NCARB, LEED ap

Principal Architect-Centre Sky Architecture

TELLURIDE #7

MOUNTAIN VILLAGE, CO 81435

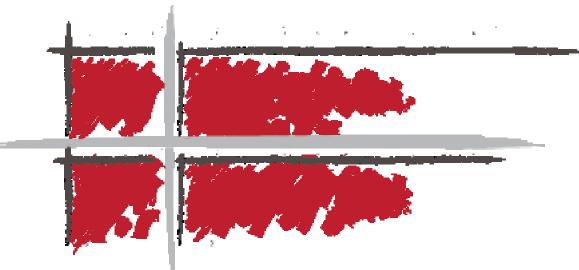


NOTE:
RENDERINGS MAY DIFFER FROM CONSTRUCTION PLANS.
CONSTRUCTION PLANS ARE DEEMED TO BE ACCURATE.





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CONSTRUCTION PLANS ARE DEEMED TO BE ACCURATE.



CENTRE SKY ARCHITECTURE LTD

FINBRO CONSTRUCTION

CENTRE SKY ARCHITECTURE, LTD. 11 Lone Peak Dr. #206

10125 Rancho Montecito Drive Parker, CO. 80138

Phone: (303) 840-0020 Fax: (303) 840-2299

ARCHITECTURE MICHAEL TALBOTT

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

ALPINE LAND CONSULTING, LLC.

70 Pilot Knob Lane Telluride, CO 81435

P.O. Box 234

Rico, CO 81332

Phone: (970) 708-0326

GENERAL

CIVIL ENGINEER

CONTRACTOR

F COLORADO: 10125 RANCHO MONTECITO DR. PARKER, COLORADO 80138 P 303.840.0020

CENTRE SKY

ARCHITECTURE, LTD.

ARCHITECTURE

& PLANNING

MONTANA: P.O. BOX 161488 BIG SKY, MONTANA 59716 P 406.995.7572

P 435.604.0891

www.centresky.com

11 LONE PEAK DR., UNIT 206

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

P.O. Box 161488 Big Sky, MT. 59716

Phone: (406) 995-7572 Fax: (406) 995-7477 E-mail: sara@centresky.com Website: www.centresky.com

KL&A

215 North 12th St., Unit E Carbondale, CO 81623 Phone: (970) 927-5174 Email: Elizabeth Lozner, elozner@klaa.com STRUCTURAL

ENGINEER

LUX WEST PROPERTIES

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

REPRESENTATIVE

DESIGN

CLIENT

E-mail: gregg@alpinelandconsulting.com Website: alpinelandconsulting.com INTERIOR

TRAUTNER GEOTECH

95 North Henry St., Cortez, CO Jonathan Butler, P.E. Mobile: (970) 759-3113 GEOTECHNICAL ENGINEER LUX WEST INTERIORS 327 E Colorado Ave.

P.O. Box 1552 Telluride, CO 81435 Phone: (970) 728-8238

drawer

electric hand dryer

electric water cooler

expansion joint

equipment

exhaust

floor drain

foundation

hollow metal

horizontal

horsepower

fire extinguisher

fire extinguisher cabinet

E-mail: barbara@luxwest.com

APRIL 6, 2021 ■ INITIAL DRB SUBMITTAL

HWD

HVAC

CODE ANALYSIS BUILDING DEPT: STATE OF COLORADO - SAN MIGUEL COUNTY BUILDING DEPT PHONE: (970)728-3923 2018 INTERNATIONAL RESIDENTIAL CODE CODE JURISDICTION: 2018 INTERNATIONAL PLUMBING CODE OCCUPANCY: 2018 INTERNATIONAL MECHANICAL CODE TYPE V NON RATED CONSTRUCTION TYPE: 2018 FUEL GAS CODE ALLOWABLE FLOOR AREA 2018 INTERNATIONAL ENERGY CONSERVATION CODE FIRE SUPPRESSION: REQUIRED - NFPA 13D 2020 NATIONAL ELECTRICAL CODE RECOMMENDED IRRIGATION: 2018 INTERNATIONAL FIRE CODE BEARING & NON-BEARING EXTERIOR WALLS: NON RATED TOWN OF MOUNTAIN VILLAGE & SAN MIGUEL COUNTY INTERIOR BEARING WALLS: NON RATED STRUCTURAL FRAME: NON RATED SHAFT ENCLOSURES: ROOF/ROOF CEILING: CLASS-A ROOF CONSTRUCTION REQUIRED MAXIMUM BUILDING HEIGHT AVERAGE BUILDING HEIGHT PARKING SPACES LOT COVERAGE ZONING DISTRICT

35' - 0" (GABLE)

33.12' (GABLE)

7962 2 SE

AREA ANALYSIS

REQUIRED

ACTUAL

GEOTECHNICAL REPORT:

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 BLIMP-OUTS. MECHANICAL SPACES GARAGE SPACES, AND UNFINISHED BASEMENT AND/OR ATTIC SPACE.

< 60% OF LOT

32.6%

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

39.78'

PROJECT SQUARE FOOTAGE **EXTERIOR SQUARE FOOTAGE** 3191.5 SF 2612.1 SF 154.7 SF 1139.9 SF MAIN LEVEL PATIO 1195.5 SF 6943.4 SF 1ASTER DECK 105.0 SF ASTER DECK 381.8 SF 637.0 SF 1018.8 SF

SITE INFORMATION DESIGN CRITERIA

SAN MIGUEL POWER ASSOCIATION 1-888-864-7311 WATER: SEWER: SOURCE GAS - (970) 728-6141 TELEPHONE SERVICE: UNDERGROUND UTILITY LOCATE: TELLURIDE FIRE PROTECTION DISTRICT FIRE DEPT: FIRE DEPT. PHONE: (970) 729-2411 CHIEF / INSPECTOR - J. CHEROSKE DEFENSIBLE SPACE: 30 FEET IS RECOMMENDED

TRAUTNER GEOTECH

COPIES AVAILABLE UPON REQUEST

BASIC WIND SPEED: 115 MPH 3 SEC. GUST - EXPOSURE ((VERIFY W/STRUCTURAL ENG.) SEISMIC DESIGN CATEGORY: "D" (VERIFY WITH STRUCTURAL ENG.) FROST DEPTH: MINIMUM 48" BELOW FINISH GRADE SNOW LOADS: ROOF: 145 PSF GROUND: 190 PSF (VERIFY WITH STRUCTURAL ENGINEER) FOUNDATION STANDARD: REFER TO STRUCTURAL DRAWINGS, GENERAL NOTES & FOUNDATION

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

ABBREVIATIONS

clothes washer drinking fountain double hung diameter dimension (s) dead load

downspout

dish washer

detail

finished floor elevation lineal feet live load floor (ing) fluorescent feminine napkin dispenser masonry feminine napkin vendor MATL material (s) face of concrete maximum medicine cabinet face of masonry mechanic (al) face of stud metal manhole footing minimum microlam gage, gauge MMB membrane grab bar MOV general contract garage door opener galvanized iron glass, glazing gypsum wall board north natural gypsum NOM nominal not to scale headed anchor stud hose bibb hardboard hollow core handicap (ped)

manufacture (r) miscellaneous molding, moulding masonry opening mount (ed) (ing) microwave oven not in contract on center (s) outside diameter overflow drain overhead

opposite hand

height heating

hardwood

knockout

length, angle

laboratory

laminate (d)

include (d) (ing)

insulate (d) (ion)

heat/ventilate/air condition

international residential code

PERF

REQD

STIFF stiffener perforate perimeter STO storage STR structural plastic laminate suspended stacked ovens pounds per lineal feet tread plate terra cotta telephone

pounds per square foot pounds per square inch paper towel dispenser polyvinyl chloride

plywood

return air

roof drain

reference

range

register

roofing

smoke alarm

supply air

solid core

storm drain

schedule

section

sheathing

soap dispense

specification

similar

speaker

square

standard

service sink

sanitary sewer

sink

sheet

thick (ness)

top of steel

top of wall

tube steel

television

typical

vertical

vapor retarder

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

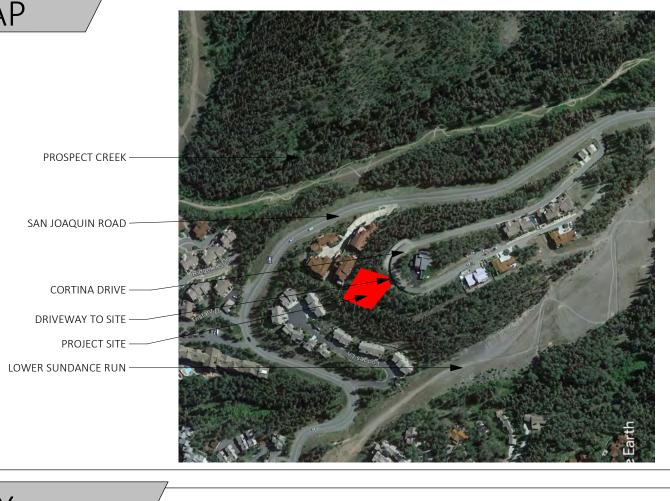
top of

riser, radius rubber base reflected ceiling plan refrigerator reinforce (d) (ing) revision (s), revised rough opening right of way rough sawn

west, wide, width watercloset wood window wide flange wire glass refrigerator drawers wrought iron waterproof (ing) warming drawer water supply suspended acoustic grid welded wire fabric

angle centerline diameter perpendicular plate

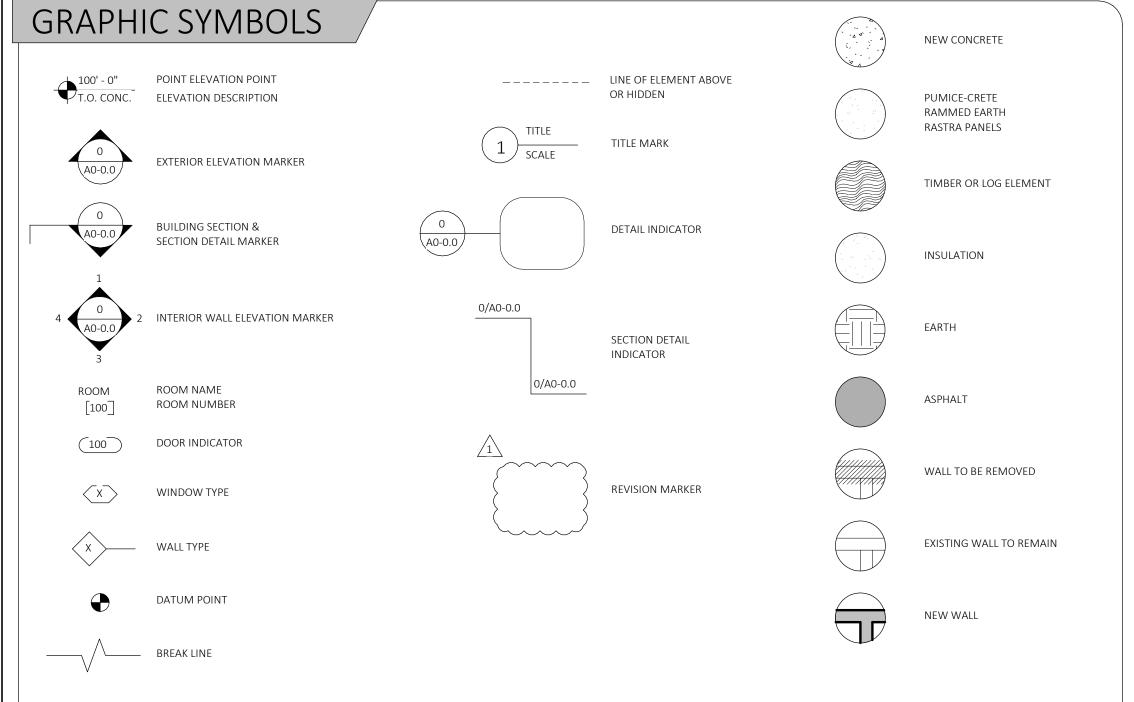
VICINITY MAP

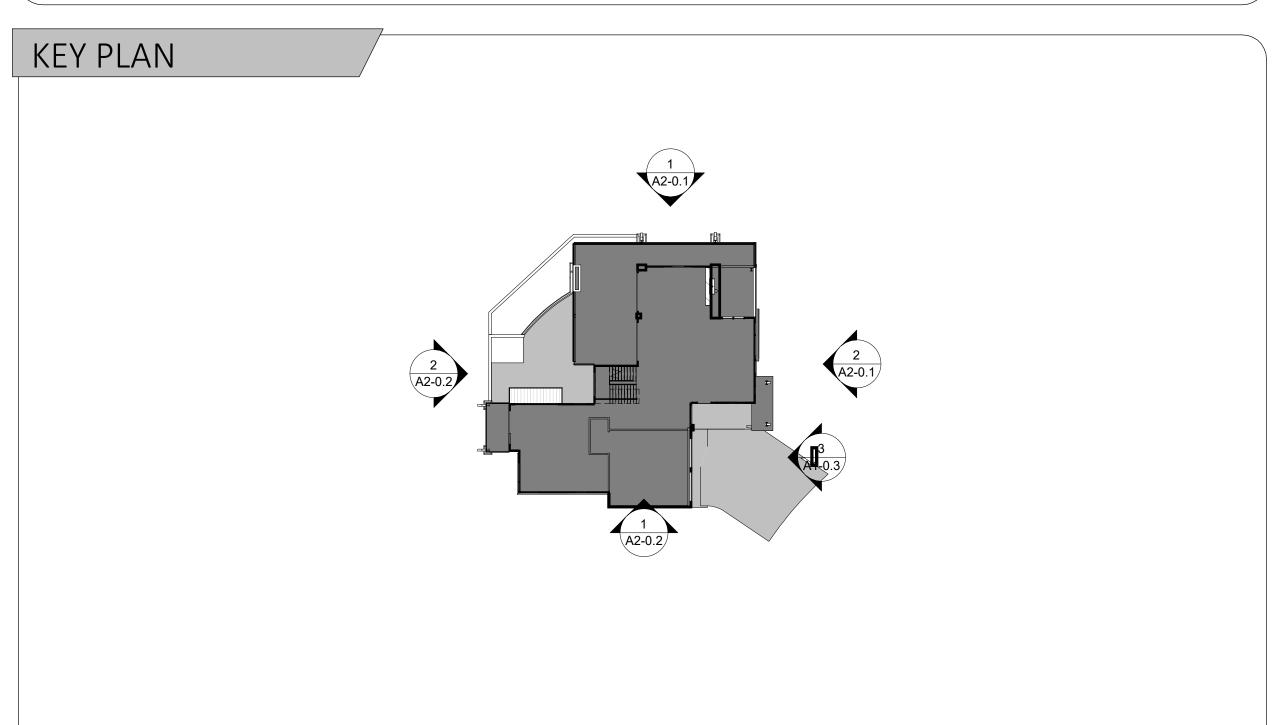


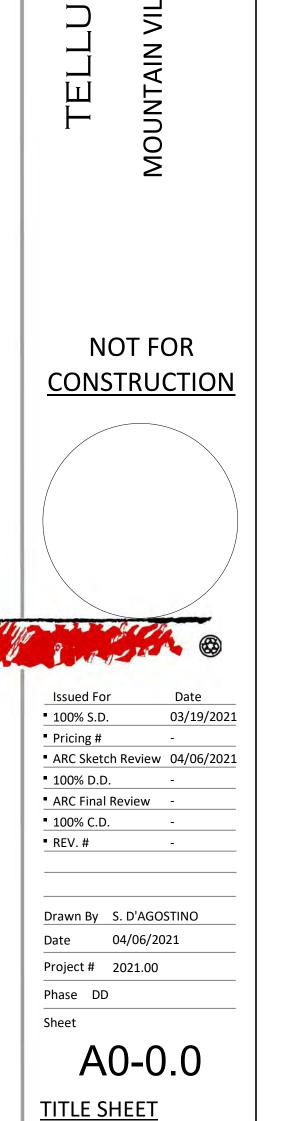
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NOT TO SCALE

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

FULL RESPONSIBILITY FOR ACCURATE COMPLETION OF THE WORK AS DRAWN AND SPECIFIED.

- 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

- BID/SUBMITTALS
- DISCIPLINE COORDINATION MECHANICA

PLUMBING

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.

SITE MANAGEMENT NOTES

BE FIELD VERIFIED AND APPROVED BY ARCHITECT PRIOR TO CONSTRUCTION.

- 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

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

- CONTRACTOR'S / SUBCONTRACTOR'S EXPENSE. 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
- 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>

STRONGLY RECOMMENDED

- 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 BUDGET

ROOF PENETRATION PLAN.

TIMBER SHOP DRAWINGS

BLOWER DOOR TEST RESULTS

COMING SCHEDULE DEADLINES.

STEEL SHOP DRAWING

RADON MITIGATION PLAN AND DETAILS

FIRE SUPPRESSION DESIGN AND LAYOUT, IF REQUIRED.

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

ANY DAMAGE TO THE EXISTING ROADWAY, INCLUDING THE ASPHALT SURFACE, SHOULDER GRAVEL, ROADSIDE DITCH, EXISTING

- 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

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

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.

SNOW GUARD AND GUTTER SUBMITTALS AND SHOP DRAWINGS

THERMAL IMAGING TEST RESULTS (KEVIN BUDD: 406.581.3096)

PRE-MANUFACTURED TRUSS SHOP DRAWINGS, AS APPLICABLE.

VAPOR BARRIER SPECS AND SUBMITTAL SHEETS

INSULATION SPECS AND SUBMITTAL SHEETS.

OPERATIONS AND MAINTENANCE MANUAL

UNDERGROUND UTILITIES RECORD DRAWINGS.

TILE LAYUP TO BE REVIEWED BY ARCHITECT OR ID

EROSION CONTROL AND BMP'S

PROPERTY

- 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 11 / 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

- 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.
- 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

LANDSCAPING

- 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

SHOP DRAWING NOTES

TIME BEFORE OR AFTER SHOP DRAWING REVIEW.

- 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
- 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

ONCE CARPET OR WOOD FLOORING IS REMOVED, MAKE SURE PLYWOOD SUBFLOOR IS SECURELY ATTACHED TO PREVENT SQUEAKS.

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

- REMOVE TAPE PAINT MORTISE STRIKE FLAT BLACK THROUGHOUT
- CLEAN EXTERIOR THRESHOLDS 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
- MINIMUM OF 10FT. FROM THE FOUNDATION. RAINWATER-HARVESTING SYSTEMS MAY BE USED TO 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-
- 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 MATERIALS, BU ACCUMULATE ON MICROCLIMATE. USING MATERIALS OF 2 PERMS OF MORE ON THE
- 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

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

GEOTECHNICAL REPORT NOTES

SWPPP % EPA REQUIREMENTS.

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
- SIGNIFICANTLY FROM THOSE PRESENTED IN THE GEOTECHNICAL REPORT. SUPPLEMENTAL RECOMMENDATIONS MAY BE REQUIRED.
- POSITIVE DRAINAGE SHALL BE PROVIDED DURING CONSTRUCTION AND MAINTAINED THROUGHOUT THI 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

ENGINEERED FILL HAS BEEN PERFORMED SATISFACTORILY. IF THE SOIL CONDITIONS ENCOUNTERED DIFFER

- 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 COMPACTION. 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. WHERE FILL IS TO BE PLACED, LOOSE OR OTHERWISE UNSUITABLE MATERIAL SHOULD BE REMOVED PRIOR TO
 - 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.

- 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

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(406) 570.5561

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

RADON MITIGATION - CRAWLSPACE PASSIVE SUB-MEMBRANE DEPRESSURIZATION SYSTEM

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

FOUNDATION WALL - ALL CONTROL JOINTS. ISOLATION JOINTS & OTHER JOINTS SHOULD BE

- 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
- CORRUGATED AND PERFORATED COLLECTION PIPE 5'+ OR A STRIP OF GEOTEXTILE DRAIN MATTING ON THE SOIL AT THE RISER LOCATION BENEATH THE PLASTIC SHEETING. 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. 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 SHEETING FOR DAMAGE AND REPAIR AS NECESSARY PROVIDE FOR FUTURE FAN IF NEEDED. FAN CANNOT BE INSIDE THE LIVING SPACE OR

INSTALLATION. FANS REQUIRE AN UNSWITCHED ELECTRICAL JUNCTION BOX.

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

RADON MITIGATION - ACTIVE SUB-SLAB SYSTEM

- 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
- 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. 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 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.

ALL CONTROL JOINTS OR OTHER JOINTS SHOULD BE SEALED WITH POLYURETHANE CAULK TO

ABOVE THE GARAGE.) FANS REQUIRE A 30-INCH VERTICAL RUN OF PIPE FOR INSTALLATION.

LABEL RISER AT ALL VISIBLE LOCATIONS SO IT IS NOT CONFUSED WITH ANY OTHER PLUMBING. 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 SHEETING FOR DAMAGE AND REPAIR AS NECESSARY A RADON FAN WILL BE REQUIRED. FAN CANNOT BE INSIDE THE LIVING SPACE OR CRAWLSPACE FANS ARE MOST OFTEN LOCATED IN ATTICS OR GARAGES (UNLESS THERE IS A LIVING SPACE

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 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.

SEAMS BETWEEN KING AND TRIMMER STUDS AT WINDOWS AND DOORS TO BE SEALED WITH

EXPECTED PROTECTION OF FINISHES & SYSTEMS

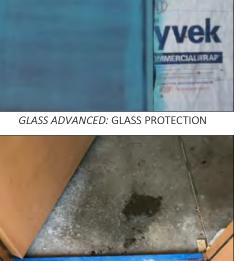
- PROVIDE FINAL PROTECTION AND MAINTAIN CONDITIONS THAT ENSURE INSTALLED WORK IS WITHOUT DAMAGE OR DETERIORATION AT TIME OF SUBSTANTIAL COMPLETION.
- WHERE CONCRETE SLAB TO BE FINAL FINISH-PROTECT SLAB FROM CHIPS, MARS SEALANT AND DRYWALL DEBRIS, PAINT, OILS AND STAIN. COMPLY WITH MANUFACTURER'S WRITTEN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

LIMITED TO, TEMPERATURE AND RELATIVE

ALL SPECIFIED METHOD OF PROTECTIONS CAN BE REPLACED WITH ACCEPTABLE

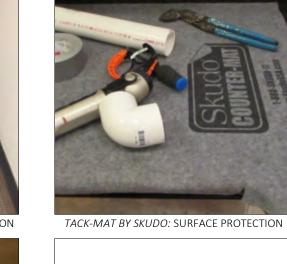
SIMILAR PRODUCT

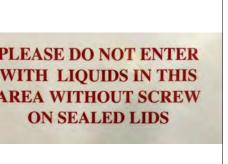


















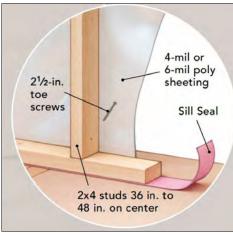






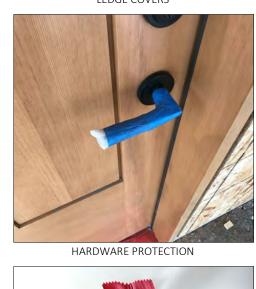






TEMPORARY WALL AREA PROTECTION





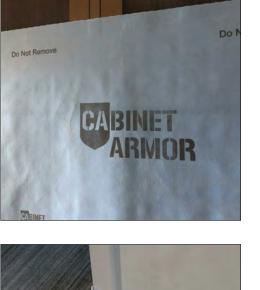






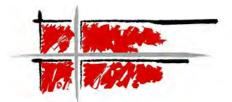








PLANNING



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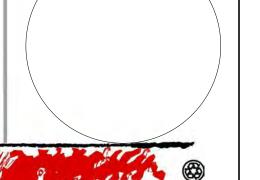
ARCHITECTURE

- COLORADO: 10125 RANCHO MONTECITO DR. PARKER, COLORADO 80138 P 303.840.0020
- MONTANA: P.O. BOX 161488 11 LONE PEAK DR., UNIT 206 **BIG SKY, MONTANA 59716**
- 1960 SIDEWINDER DR., #101 PARK CITY, UTAH 84060 P 435.604.0891

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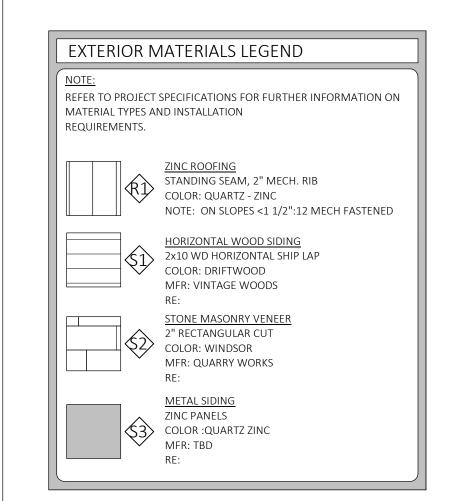
 ARC Sketch Review 04/06/2021 100% C.D. REV. #

Drawn By S. D'AGOSTINO Project # 2021.00

GENERAL NOTES

Phase DD

MATERIAL SPECIFICATIONS



CEILI	NG MATERIALS LEGEND
11272111011100201	SPECIFICATIONS FOR FURTHER INFORMATION ID INSTALLATION REQUIREMENTS
<u>C1</u>	CEILING FINISH - PAINT 5/8" GWB TYPE 'X' WITH PAINTED FINISH REFERENCE INTERIOR FINISH SPECIFICATIONS FOR COLOR, (TYP.)
	SOFFIT FINISH - WOOD 1x8 WIRE BRUSHED SPRUCE T & G STAIN: DRIFTWOOD MFR: VINTAGE WOODS RE:
(3)	CEILING FINISH - TILE COORDINATE TYPE AND LAYOUT WITH ID, (TYP.)
(C4)	CEILING FINISH - PAINT 5/8" WATER RESISTANT GYPSUM WALL BOARD REFERENCE INTERIOR FINISH SPECIFICATIONS FOR COLOR, (TYP.)

EXTERIOR MATERIAL QUANTITIES					
MATERIAL ELEVATION (SF/%)					
NORTH	EAST	SOUTH	WEST	TOTAL	
924/34	714/39	634/35	1174/38	3,446/ 37	
520/19	257/14	267/15	387/13	1,431/15	
345/13	320/17	712/39	541/18	1,918/20	
930/34	540/30	202/11	927/31	2,599/28	
	NORTH 924/34 520/19 345/13	NORTH EAST 924/34 714/39 520/19 257/14 345/13 320/17	ELEVATION (NORTH EAST SOUTH 924/34 714/39 634/35 520/19 257/14 267/15 345/13 320/17 712/39	ELEVATION (SF/%) NORTH EAST SOUTH WEST 924/34 714/39 634/35 1174/38 520/19 257/14 267/15 387/13 345/13 320/17 712/39 541/18	

MATERIAL BOARD

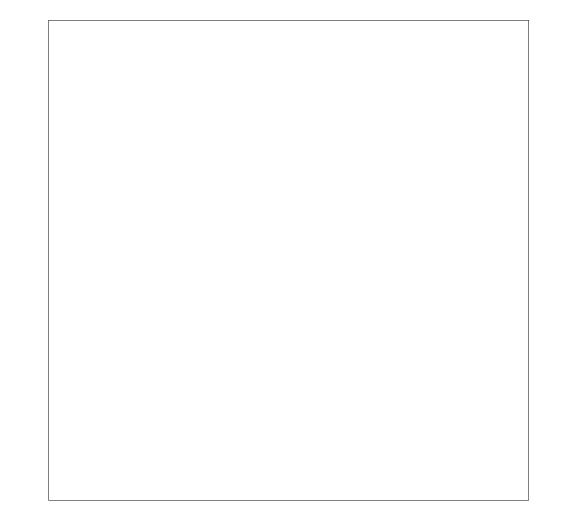


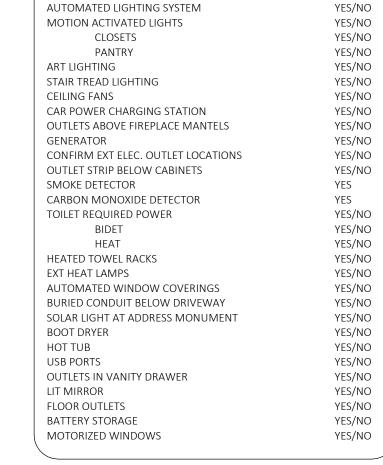




WOOD TYPE B

FASCIA





ELECTRICAL SPEC.

OVERINGS DRIVEWAY S MONUMENT VER	YES/NO	COLORADO: 10125 RANCHO MONTECITO DR. PARKER, COLORADO 80138 P 303.840.0020
	YES/NO YES/NO	MONTANA: P.O. BOX 161488
NCE SP	PEC.	11 LONE PEAK DR., UNIT 206 BIG SKY, MONTANA 59716 P 406.995.7572
BURNERS	YES/NO YES/NO YES/NO	UTAH: 1960 SIDEWINDER DR., #101 PARK CITY, UTAH 84060
NG	YES/NO YES/NO YES/NO YES/NO YES/NO	P 435.604.0891
BURNERS	YES/NO -	www.centresky.com
N	YES/NO YES/NO YES/NO	
OWAVE COMBO	YES/NO YES/NO YES/NO	
RER	-	
IC	VEC/NO	



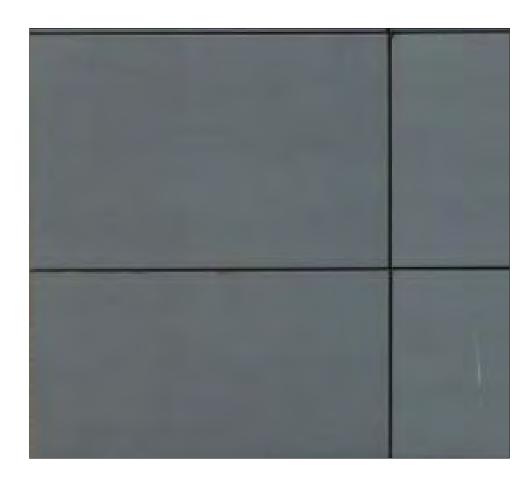


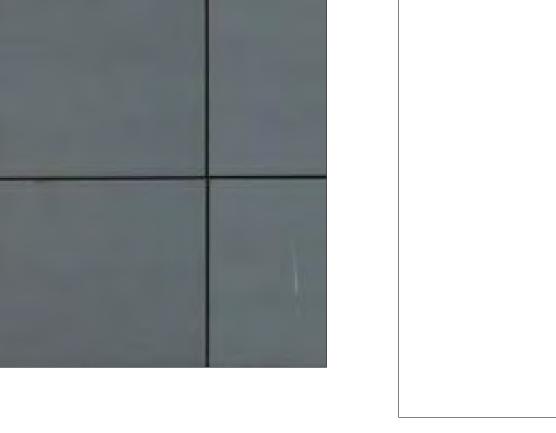
WOOD TYPE A TIMBER BEAMS & POSTS



WINDOWS

RE: WINDOW SCHEDULE FOR SUPPLIER & DETAILS











STONE TYPE C EXTERIOR PATIO FLAGSTONE

STONE TYPE D EXTERIOR BOULDERS

ALL SAMPLES TO BE SUBMITTED TO ARCHITECT FOR FINAL APPROVAL

MATE	RIAL TYPE	SCHED	DULE /			
SCHEDU	JLE					
METAL	APPLICATION	MFR.	SPECIES/TYPE	<u>TEXTURE</u>	COLOR/FINISH	<u>COMMENTS</u>
TYPE 'A'	FLASHING	T.B.D.	-	-	MATCH R1	
TYPE 'B'	EXPOSED STRUCTURAL STEEL	T.B.D.	PER STRUCTURAL	-	PAINTED BLACK	
TYPE 'C'	DECORATIVE	T.B.D.		-	PAINTED BLACK	
TYPE 'D'	WALL PANELING	T.B.D.	ZINC	-	QUARTZ ZINC	
WOOD						
TYPE 'A'	TIMBER BEAMS & POSTS	VINTAGE WOODS	NEW DOUGLAS FIR	WIRE BRUSHED	LIGHT TOBACCO BROWN	
TYPE 'B'	FASCIA	VINTAGE WOODS	CEDAR	WIRE BRUSHED	LIGHT TOBACCO BROWN	UPPER FASCIA TO BE METAL TYPE A
TYPE 'C'	EXTERIOR TRIM	-	-	-	-	EXTERIOR TRIM TO BE METAL TYPE A
TYPE 'D'	INTERIOR TRIM	T.B.D.	SPRUCE	SMOOTH	T.B.D.	
STONE						
TYPE 'A'	PRIMARY WALL VENEER	QUARRY WORKS	WINDSOR	-	GREY	
TYPE 'B'	CAP STONE	QUARRY WORKS	WINDSOR	-	GREY	
TYPE 'C'	EXTERIOR PATIO FLAGSTONE	QUARRY WORKS	FRONTIER	-	TANS	
TYPE 'D'	EXTERIOR BOULDERS	QUARRY WORKS	WINDSOR	-	GREY	

 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

		INSULATION	ON SCHEDULE - PROJECT SPECIFIC
CAVITY	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
CDANAL CDACE 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
EXTERIOR RAKES & EAVES		R-18	ALL EXTERIOR EAVES AND RAKES TO RECEIVE MIN. OF 3" (MEASURED FROM EXT SIDE OF STUD WALL) 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.

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

DEDUCT ALTERNATE AS APPROVED BY ARCHITECT TO REPLACE 2" NCFI SPRAY APPLIED POLYURETHANE INSULATION UNDER CONCRETE SLAB WITH 2" POLY-ISOCYANURATE RIGID FOAM INSULATION.

ACCESS CONTROL -SECURITY CAMERAS -HOME AUTOMATION -BUILT - IN SPEAKERS -TV/DISPLAYS -GAMING SYSTEM -THEATER/MEDIA RM -EXTERIOR AUDIO/VIDEO LIGHTING CONTROL -AUTOMATED SHADES -CEILING INTEGRATED -WALL INTEGRATED -SURFACE MOUNT -NETWORK / DATA SYSTEM -GARAGE DOOR AUTOMATIC CLOSE TIMER -

AV SYSTEMS

LOW TEMP/FREEZE -

SECURITY LIFE SAFETY & INTRUSION

SIRENS & STROBE -SPRINKLER -

SEPTIC ALARM -

ENVIRONMENTAL SECURITY

WATER COP -

SMOKE -

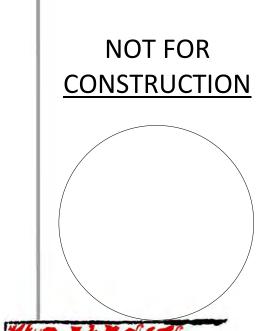
FORCED AIR HEATING SYSTEM -RADIANT HEAT -HEAT RECOVERY VENTILATION SYSTEM -HUMIDIFIER UNIT -FORCED AIR COOLING -VISIBLE THERMOSTAT -REMOTE THERMOSTAT -WATER FILTRATION -WATER SOFTENER -REVERSE OSMOSIS -BACK UP POWER -BATTERY GENERATOR ACTIVE RADON MITIGATION -PROPANE -SNOW MELT-CRAWLSPACE EXHAUST FAN PROPANE DETECTION SYSTEM GARAGE EXHAUST FAN BATHROOM EXHAUST FANS YES KITCHEN MAKE UP AIR SYSTEM GARAGE UNIT HEATER DOMESTIC HOT WATER RECIRCULATION PUMP

HEATED YES/NO WALL MOUNTED YES/NO SELF CLEANING YES/NO BIDET YES/NO CENTRE SKY

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ARCHITECTURE

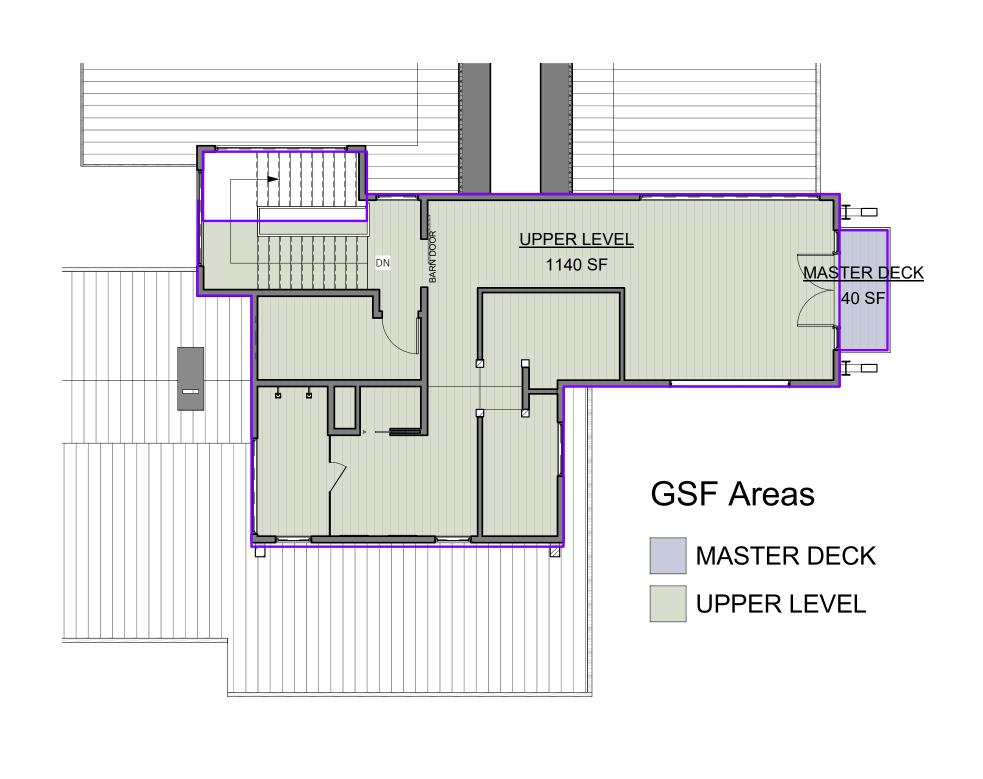
PLANNING

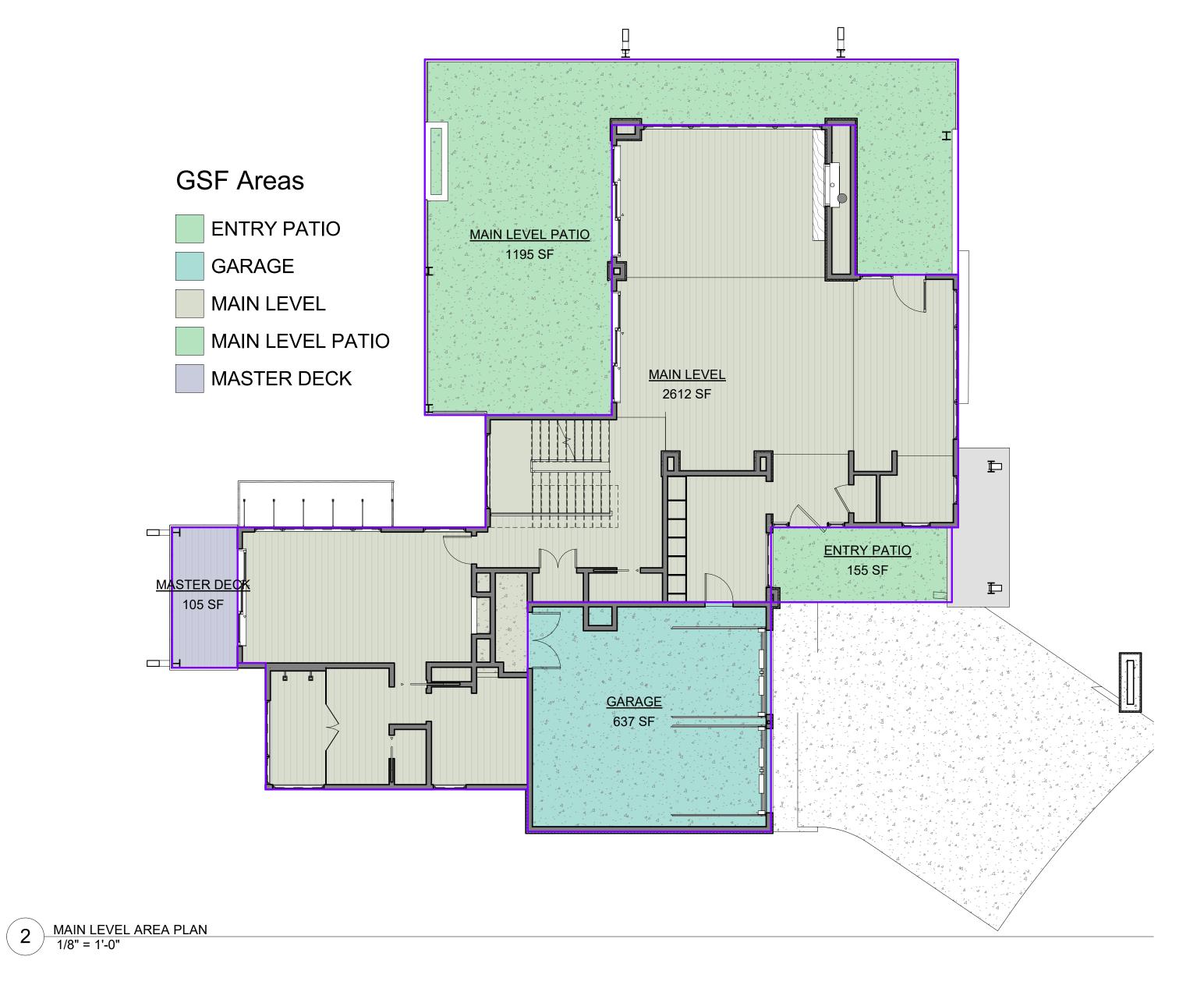


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Drawn By S. D'AGOSTINO Date 04/06/2021 Project # 2021.00 Phase DD

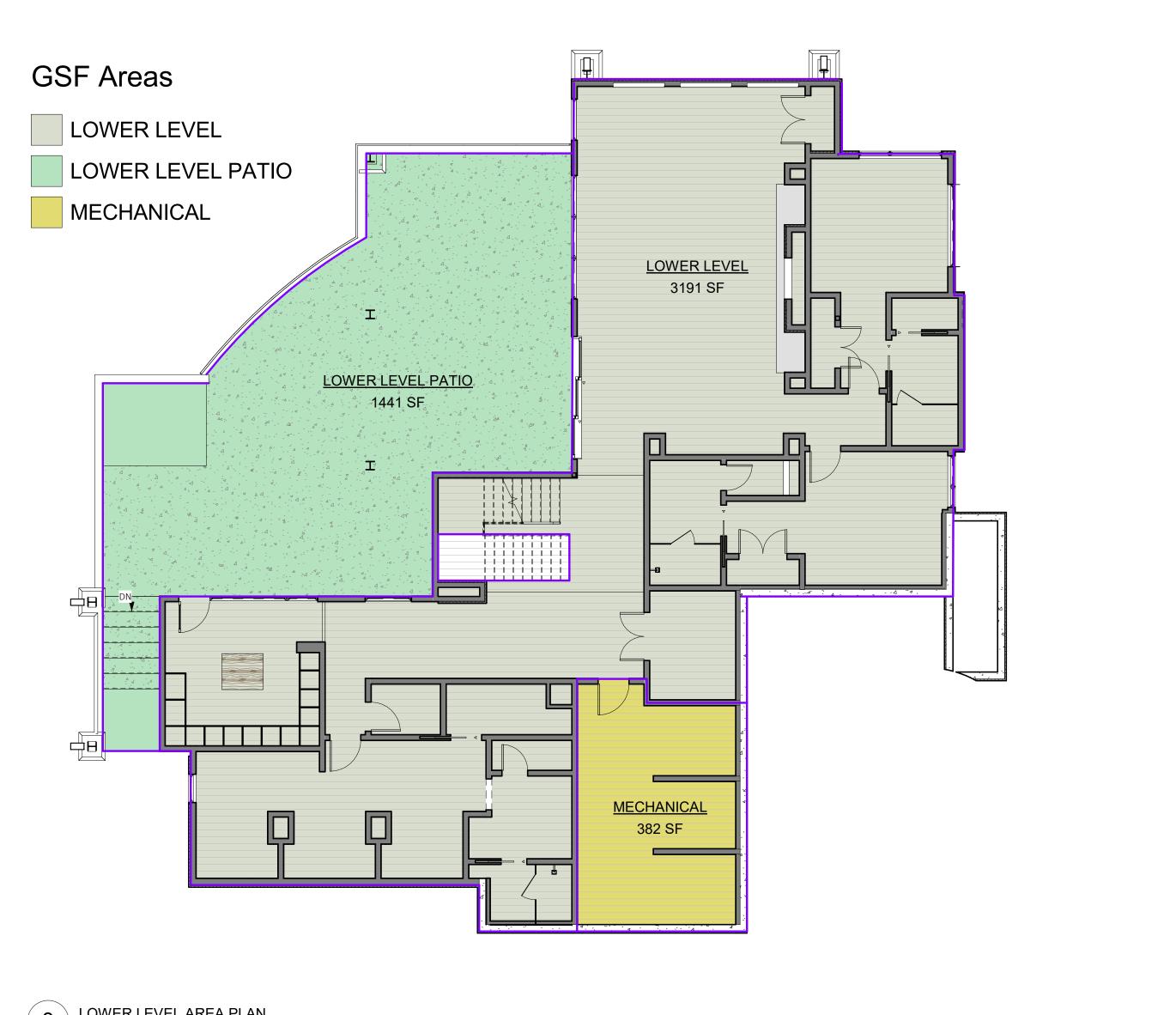
MATERIAL SPECIFICATIONS





AREA ANALYSIS EXTERIOR SQUARE FOOTAGE PROJECT SQUARE FOOTAGE <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 3191.5 SF OWER LEVEL PATIO 1441.4 SF FINISHES); DOES NOT INCLUDE FIREPLACE BUMP-OUTS, MECHANICAL SPACES, GARAGE SPACES, AND 2612.1 SF 154.7 SF UNFINISHED BASEMENT AND/OR ATTIC SPACE. 1139.9 SF MAIN LEVEL PATIO 1195.5 SF GROSS SQUARE FOOT: TOTAL BUILDING AREA AS MEASURED FROM EXTERIOR DIMENSIONS INCLUDING HABITABLE 6943.4 SF MASTER DECK 105.0 SF THICKNESS OF ALL WALLS, INTERIOR AND EXTERIOR (EXCLUDING EXTERIOR FINISHES), MECHANICAL MASTER DECK 40.0 SF SPACES, GARAGE SPACES, AND ACCESSIBLE UNFINISHED SPACE; DOES NOT INCLUDE CRAWL SPACES, TOTAL EXTERIOR 2936.6 SF PATIOS AND DECKS. 637.0 SF NON HABITABLE 1018.8 SF GROSS SQUARE FOOT

UPPER LEVEL AREA PLAN
1/8" = 1'-0"



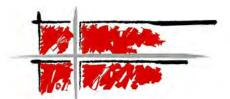
3 LOWER LEVEL AREA PLAN
1/8" = 1'-0"

CENTRE SKY

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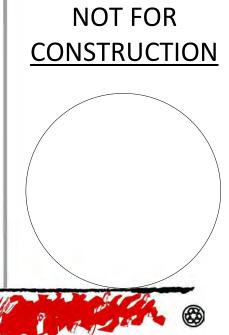


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TELLURIDE #7



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Drawn By L.MITRO

Date 04/06/2021

Project # 2021.00

Phase DD

A0-0.3

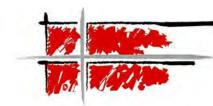
AREA PLANS

CENTRE SKY

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'ELLURIDE #7

NOT FOR CONSTRUCTION



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ARC Sketch Review	04/06/202
<u>■</u> 100% D.D.	-
ARC Final Review	-
■ 100% C.D.	-
■ REV. #	-

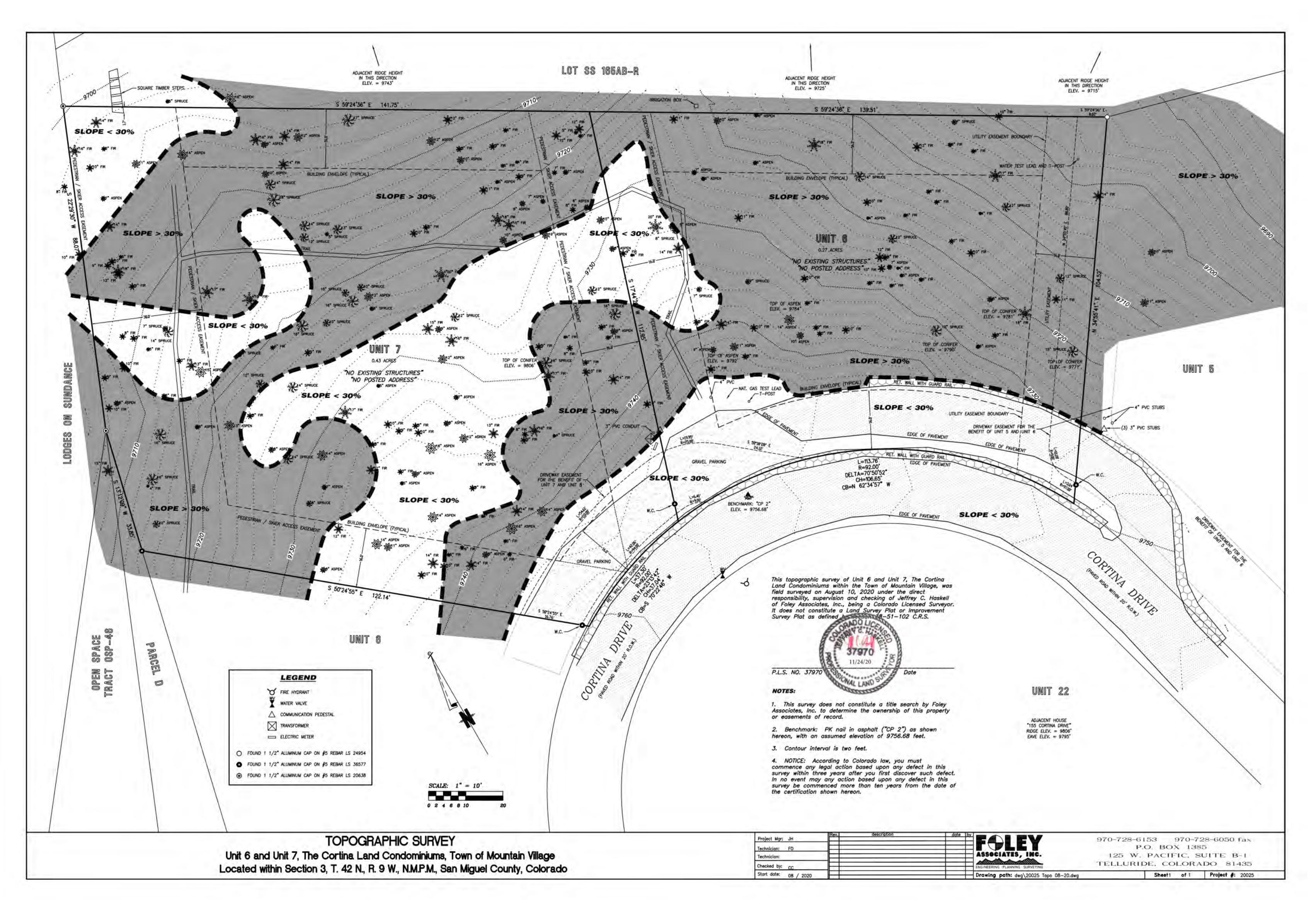
 Drawn By
 S. D'AGOSTINO

 Date
 04/06/2021

 Project #
 2021.00

Sheet C1-0.0

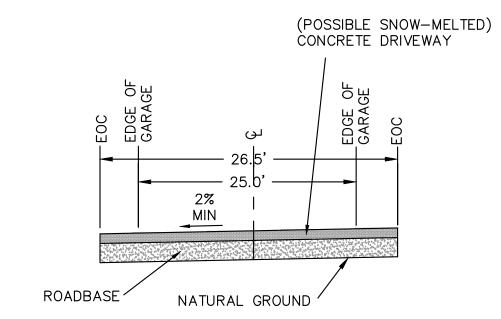
<u>SURVEY</u>



RETAINING WALL/ - FOUNDATION WALL MAX HEIGHT=14.6' RETAINIŅĆ WALL MAX HEIGHT≠13.6' - ROOF LINE (TYP) RETAINING WÁLL MAX HEIGHT=7.8 RETAINING WALL MAX HÉIGHT=4' SKI ACCESS FG=9728.00 TRENCH DRAIN (SEE UTILITY PLAN) 18" STEP, EXPOSE CONCRETE ALONG – DRIVE/PATIO EXISTING MINOR 2' CONTOURS (TYP) -EXISTING MAJOR 10' CONTOURS (TYP) UNIT 8 PROPOSED MINOR 2' CONTOURS (TYP) PROPOSED MAJOR 10' CONTOURS (TYP) DRIVEWAY EASEMENT FOR THE BENEFIT OF UNIT 7 AND UNIT 8 SCALE: 1" = 10' EXPOSE MAX 3' OF EXISTING BOTTOM OF RETAINING WALL, TO BE COORDINATED WITH STRUCTURAL AND GEOTECHNICAL ENGINEER PROPOSED EDGE OF PAVEMENT PRELIMINARY 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

FOR DRB ONLY AND NOT FOR CONSTRUCTION



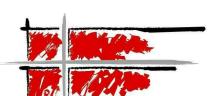
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GREGORY E. ANDERSON COLORADO PROFESSIONAL ENGINEER REGISTRATION NO. 35736

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PLANNING

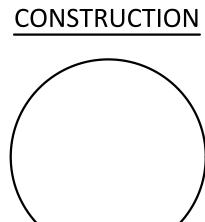
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- MONTANA: P.O. BOX 161488 11 LONE PEAK DR., UNIT 206 BIG SKY, MONTANA 59716 P 406.995.7572
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RICO, COLORADO 81332 970-708-0326 ALC PROJECT # 2020039



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	Pricing #	_
	ARC Sketch Review	04/06/202
	■ 100% D.D.	_
	ARC Final Review	_
	■ 100% C.D.	_
	■ REV. #	-

Date 04/06/2021 Project # 2021.00 Phase DD

C1-0.1

DRB GRADING

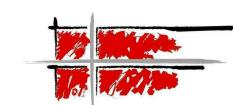
RETAINING WALL FOUNDATION WALL - SEDIMENT CONTROL LOGS (TYP) MAX HEIGHT=14.6' --------------------------**>** RETAINING/WALL MAX.⁄HEIGHT≠13.6' RETAINING WÁLL MAX HEIGHT=7.8'/ RETAINING WALL MAX HEIGHT=4' SKI ACCESS FG=9728.00 18" STEP, EXPOSE CONCRETE ALONG -DRIVE/PATIO SEDIMENT CONTROL LOGS (TYP) EXISTING MINOR 2' CONTOURS (TYP) -EXISTING MAJOR 10' CONTOURS (TYP) UNIT 8 PROPOSED MINOR 2' CONTOURS (TY PROPOSED MAJOR 10' CONTOURS (TYP) EXPOSE MAX 3' OF EXISTING BOTTOM OF RETAINING WALL, TO BE COORDINATED WITH - STRUCTURAL AND GEOTECHNICAL ENGINEER CORTINA DRIVE PLANTER/ROCK AREA CORTINA DRIVE PLANTER/ROCK AREA GRAVEL PARKING PROPOSED EDGE OF PAVEMENT

PRELIMINARY DRB DRAINAGE AND EROSION CONTROL PLAN

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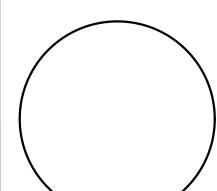
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Phase DD

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DRB DRAINAGE

- 1. THIS IS A PLANNING DOCUMENT ONLY AND NOT TO BE USED FOR CONSTRUCTION.
- 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 DOCUMENTS.
- 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

FLOW DIRECTION SILT FENCE

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RETAINING WALL/ FOUNDATION WALL MAX HEIGHT=14.6' RETAINING/WALL MAX HEIGHT≠13.6 RETAINING WALL MAX HEIGHT=7.8'/ CONNECT TO EXISTING SEWER TAP WITH 4" PVC SDR 35 @ 2.0% MAX AND 12.0% MIN RETAINING WALL MAX HEIGHT=4' SKI ACCESS FG=9728.00 30.2 LF OF 8" _ TRENCH DRAIN EXISTING SEWER SERVICE AND TAP FIRE SERVICE / STANDPIPE 4' X 2-1/2" X 2-1/2" _ CONNECTION WITH UNIT 8 2-1/2" HOSE VALVE AND CAP FIRE SERVICE STANDPIPE 4' X 2-1/2" X 2-1/2" CONNECTION WITH 2-1/2" HOSE VALVE AND CAP GAS SERVICE WITH METER AT HOUSE ELECTRICAL SERVICE WITH METER AT HOUSE 4" SCH 40 PVC FIRE SERVICE PIPING DRYWELL AT LOW POINT TO DRAIN — SCALE: 1" = 10'FIRE SERVICE LINE - (ELECTRIC AND CABLE) TO BE LOWERED BY 2'± - PLANTER/ROCK AREA GRAVEL PARKING EXISTING GAS LINE (ASSUMED TAPS/STUBS ON EACH LOT) EXISTING WATER MAIN IN ROAD WITH SERVICE TAPS TO EACH LOT (LOCATION TO BE CONFIRMED) PRELIMINARY DRB UTILITY PLAN

NOTES

- 1. THIS IS A PLANNING DOCUMENT ONLY AND NOT TO BE USED FOR CONSTRUCTION.
- 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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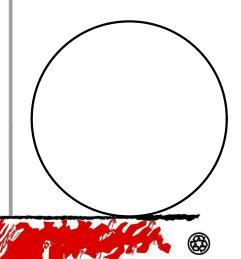
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■ 100% C.D.	-

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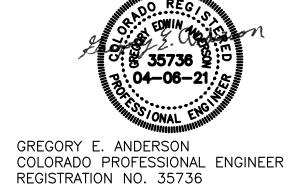
C1-0.3

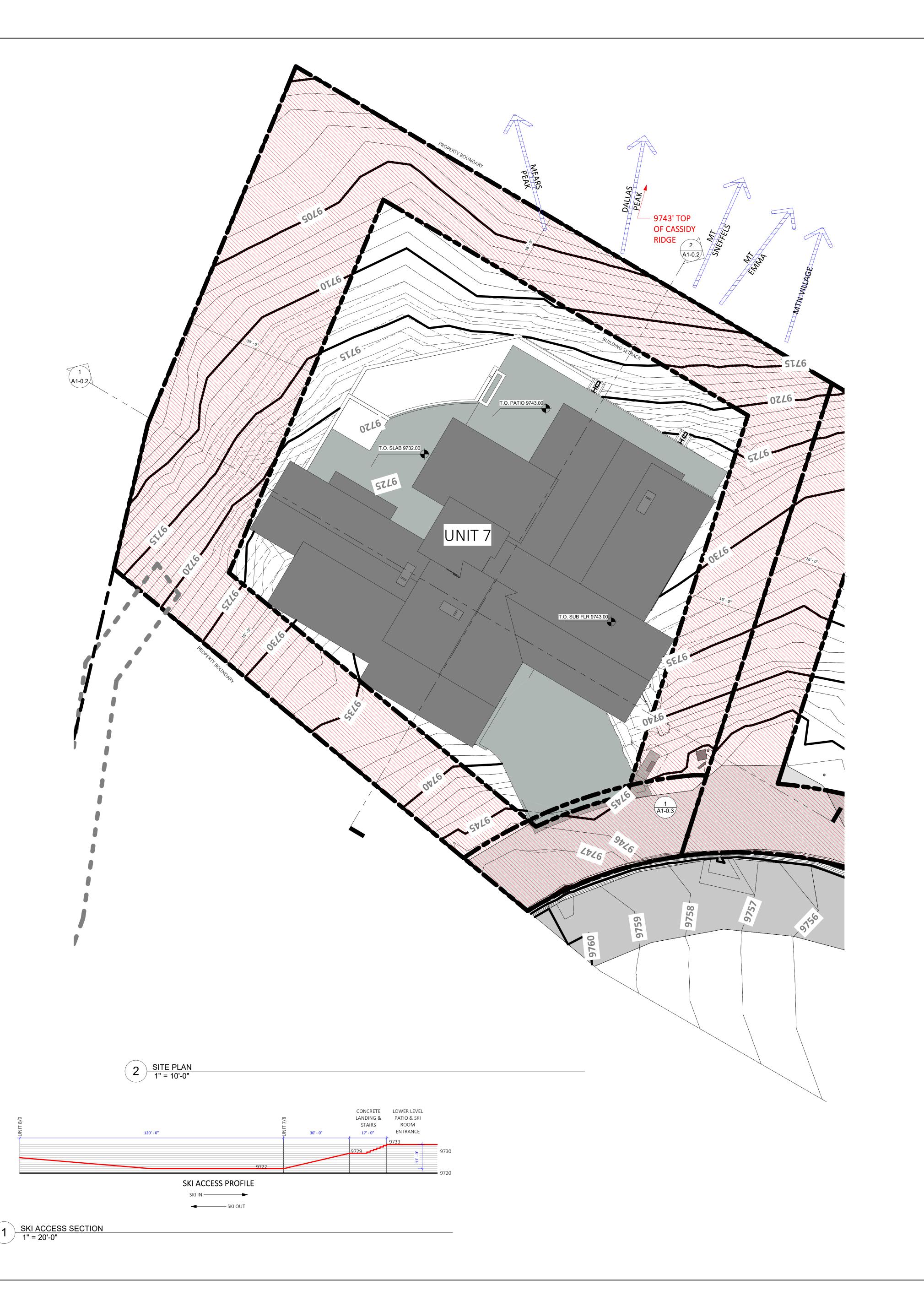
DRB UTILITY

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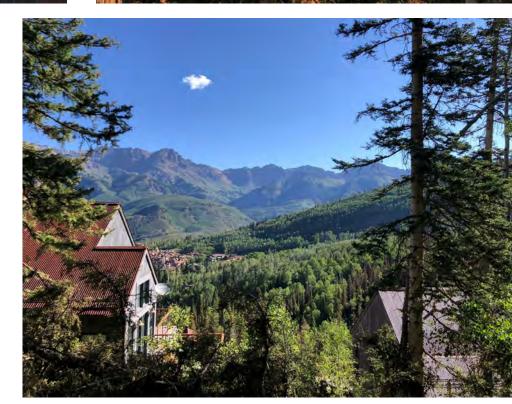
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SNOW MELT LOCATIONS NOT FOR

STRUCTURAL ELEVATIONS T.O SLAB @ LOWER LEVEL 89'-0" = 9732' T.O SLAB @ GARAGE 100'-0" = 9743' T.O SUBFLOOR @ MAIN LEVEL 100'-0" = 9743' T.O SUBFLOOR @ UPPER LEVEL 112'-0" = 9755'

CONCRETE

SNOW SHED

SNOW STORAGE

--- - DRAINTILE

1. SEE CIVIL PLANS FOR GRADING AND ADDITIONAL SITE DETAILS ALL PERIMETER FOUNDATION DRAINS TO EXIT TO DAYLIGHT STORM WATER DETENTION POND SHOULD BE LOCATED ON SITE TO MAXIMIZE THE COLLECTION OF SURFACE RUNOFF WATER, IN ADDITION TO COLLECTING ROOF DRAINS AND FOUNDATION DRAIN IF APPLICABLE. ALL CONCRETE WASTE SHALL BE CONTAINED ON SITE AND PROPERLY DISPOSED OF AT PROJECT COMPLETION. CONCRETE WASHOUT WITHIN THE ROADSIDE DITCHES IS STRICTLY PROHIBITED.

SITE PLAN LEGEND

•••••• DRAINAGE

– – – LIMITS OF CONSTRUCTION

EROSION CONTROL

NEW GRADE LINE

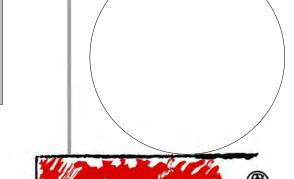
W-W-W-W NEW WATER LINE G—G—G—G NEW GAS LINE

S—S—S—S NEW SEWER LINE E—E—E—E NEW ELECTRICAL LINE

PREVIOUS GRADE LINE

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 ALL DRIVEWAYS, PARKING, AND LAYDOWN AREAS ARE COVERED WITH AT LEAST TWO

INCHES OF 3/4" SCREENED ROCK. RECOMMENDED TO DO A MINIMUM OF 8" OF 3" MINUS PITRUN OVER A GEOTECHNICAL SEPARATION FABRIC. ALL CONNECTIONS TO WATER SYSTEM SHOULD HAVE PRESSURE REDUCING VALVES INSTALLED ON BOTH THE DOMESTIC AND FIRE SUPPLY LINES.



CONSTRUCTION

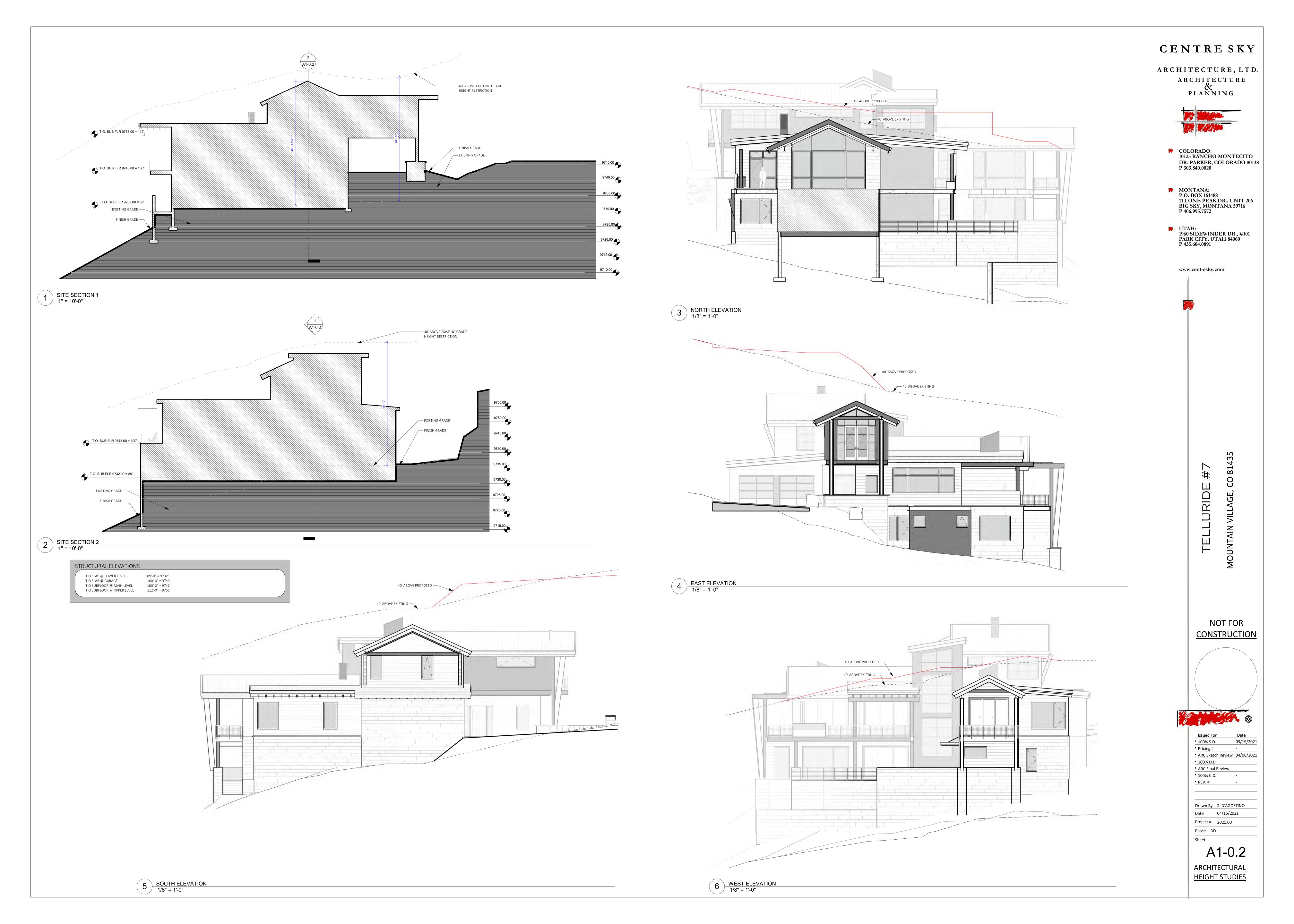
■ 100% S.D. Pricing # ARC Sketch Review 04/06/2021 ■ 100% D.D. ■ 100% C.D. REV. #

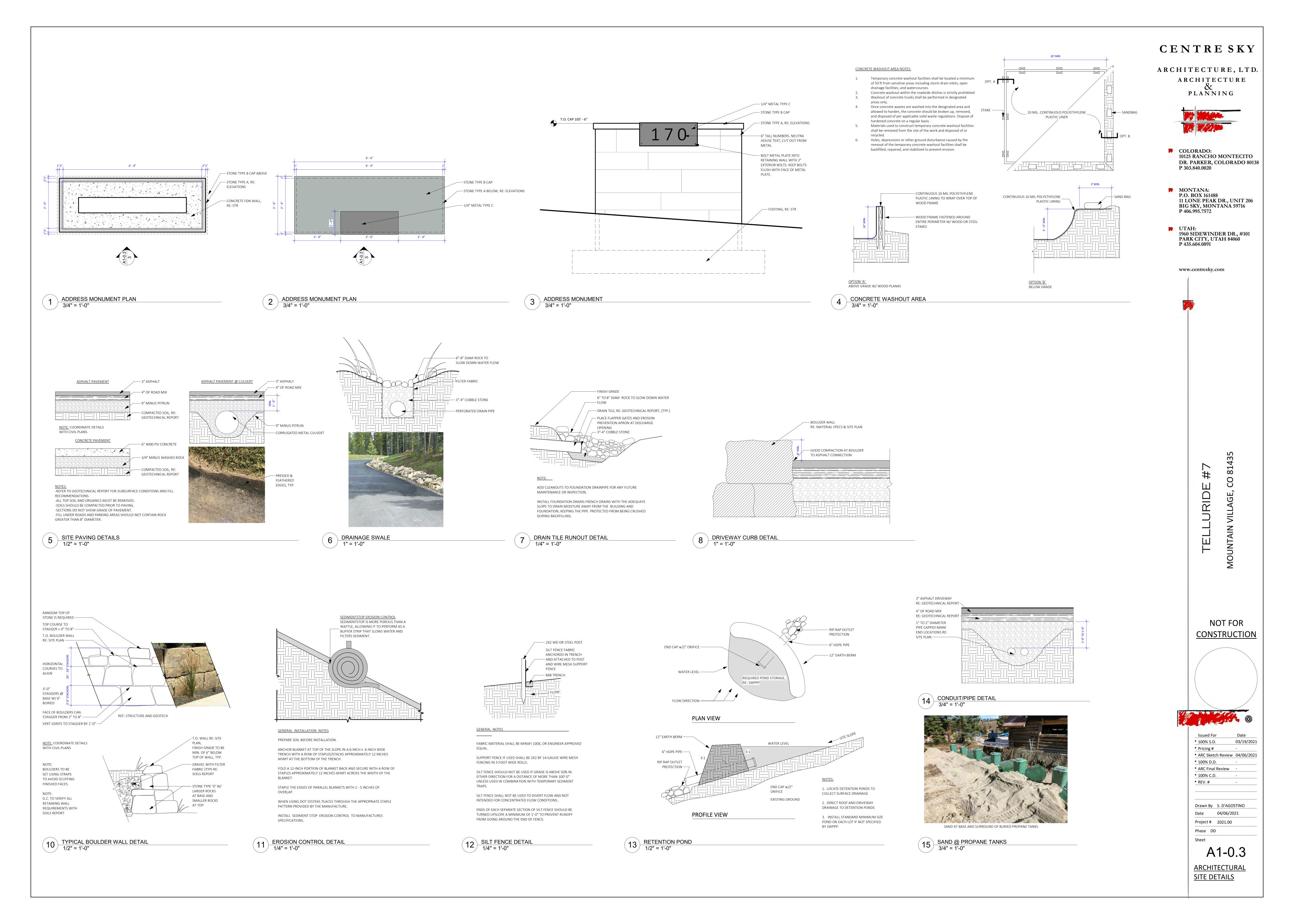
Drawn By S. D'AGOSTINO Date 04/06/2021 Project # 2021.00

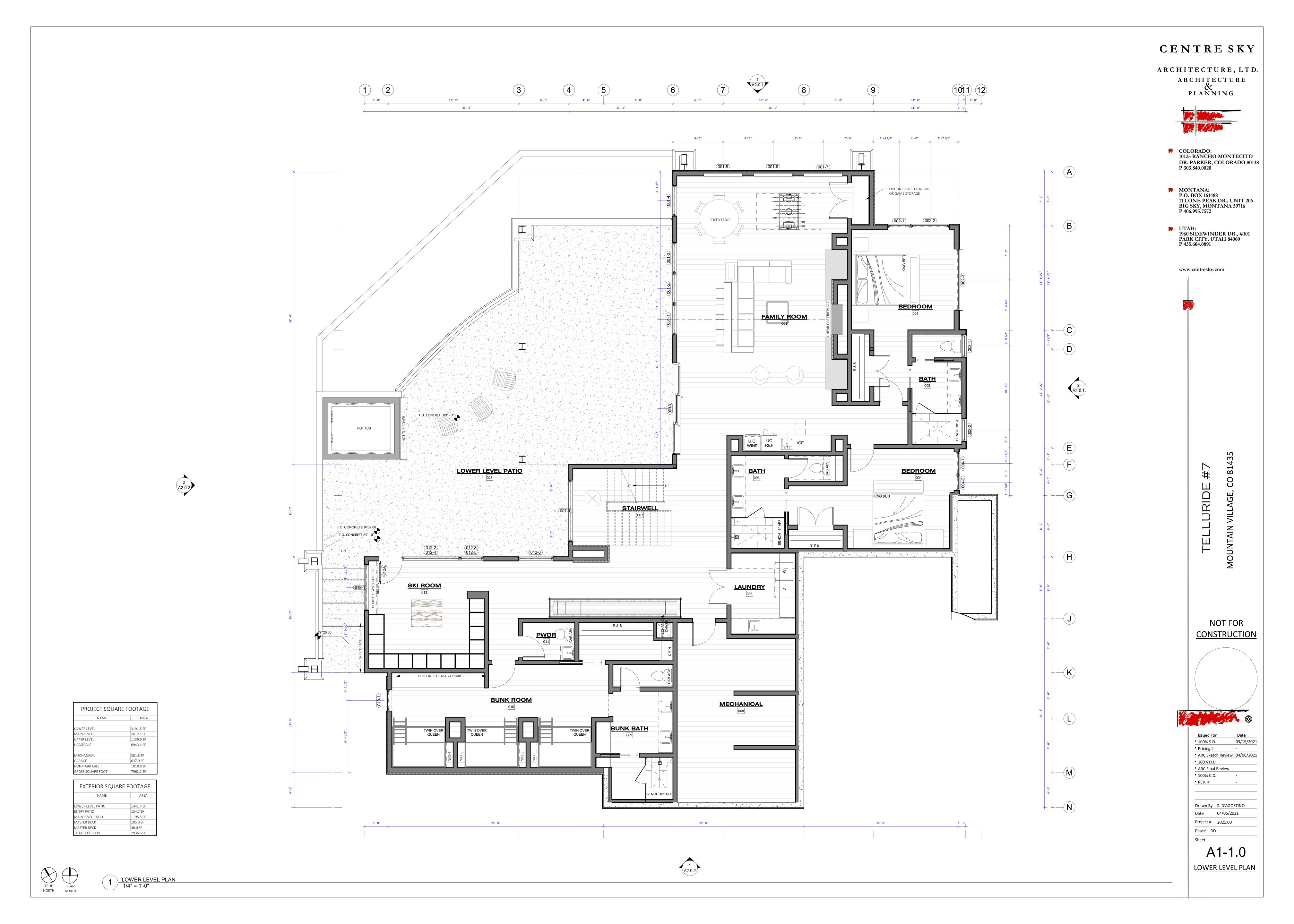
Phase DD Sheet

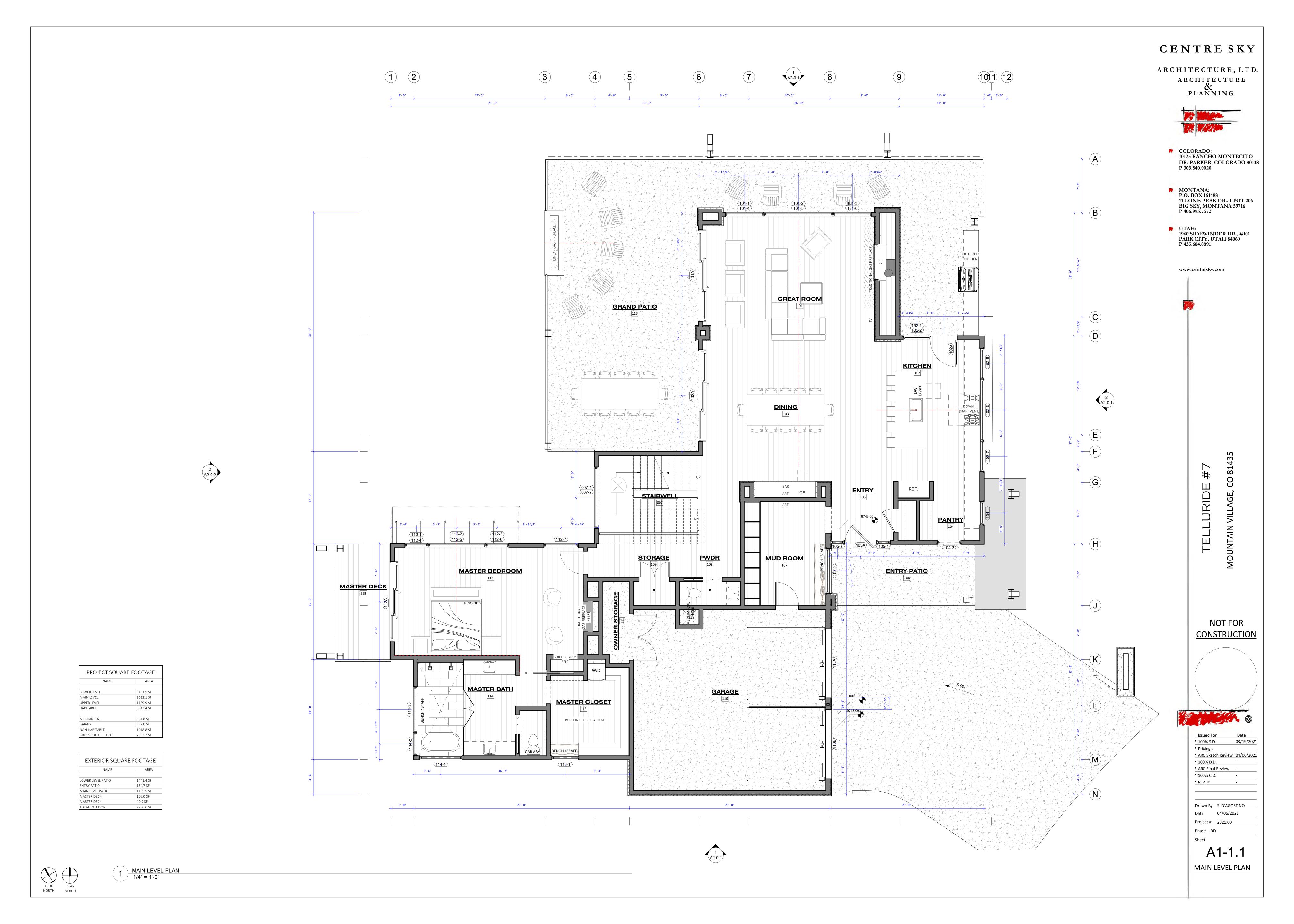
SITE PLAN

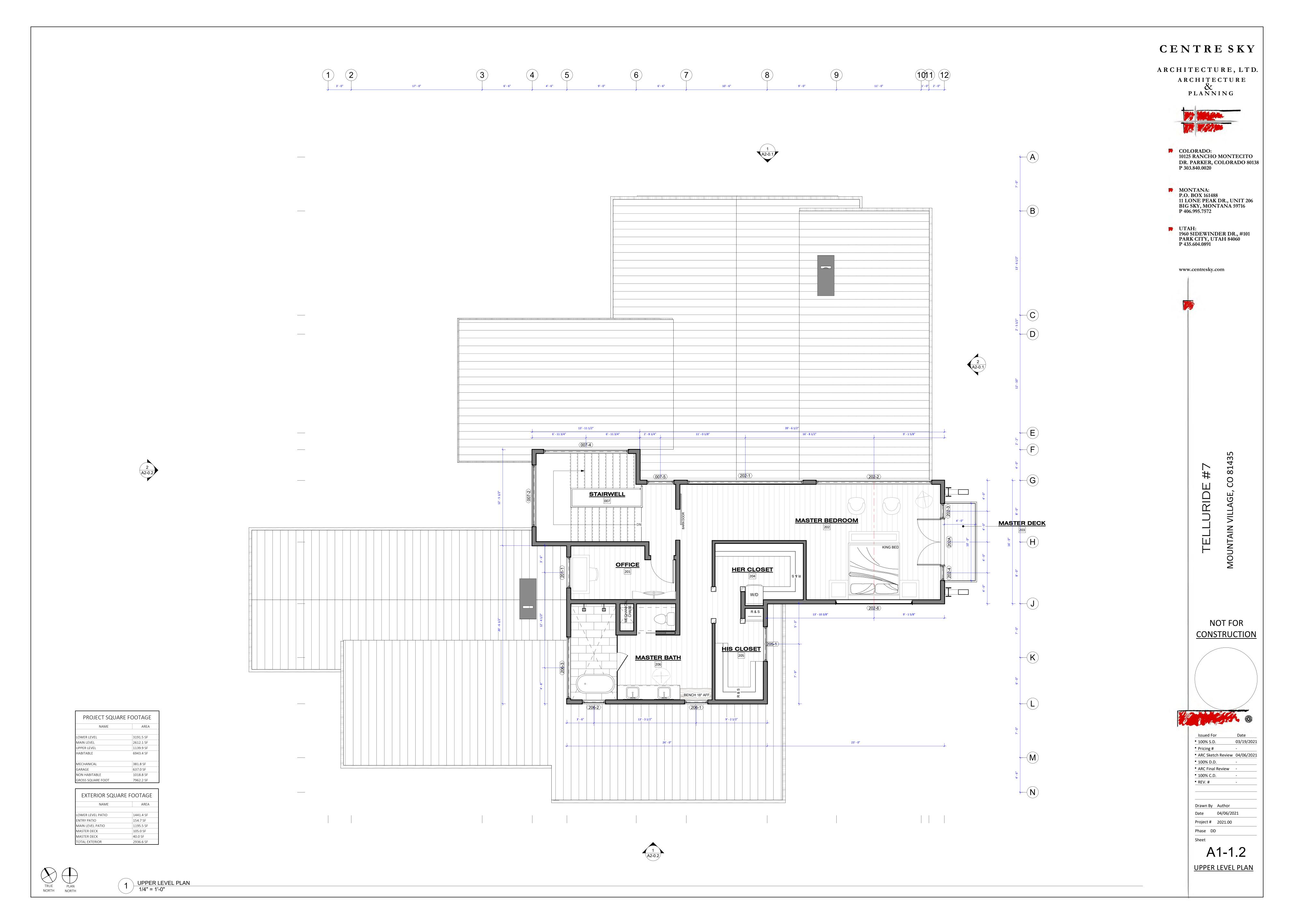
<u>ARCHITECTURAL</u>

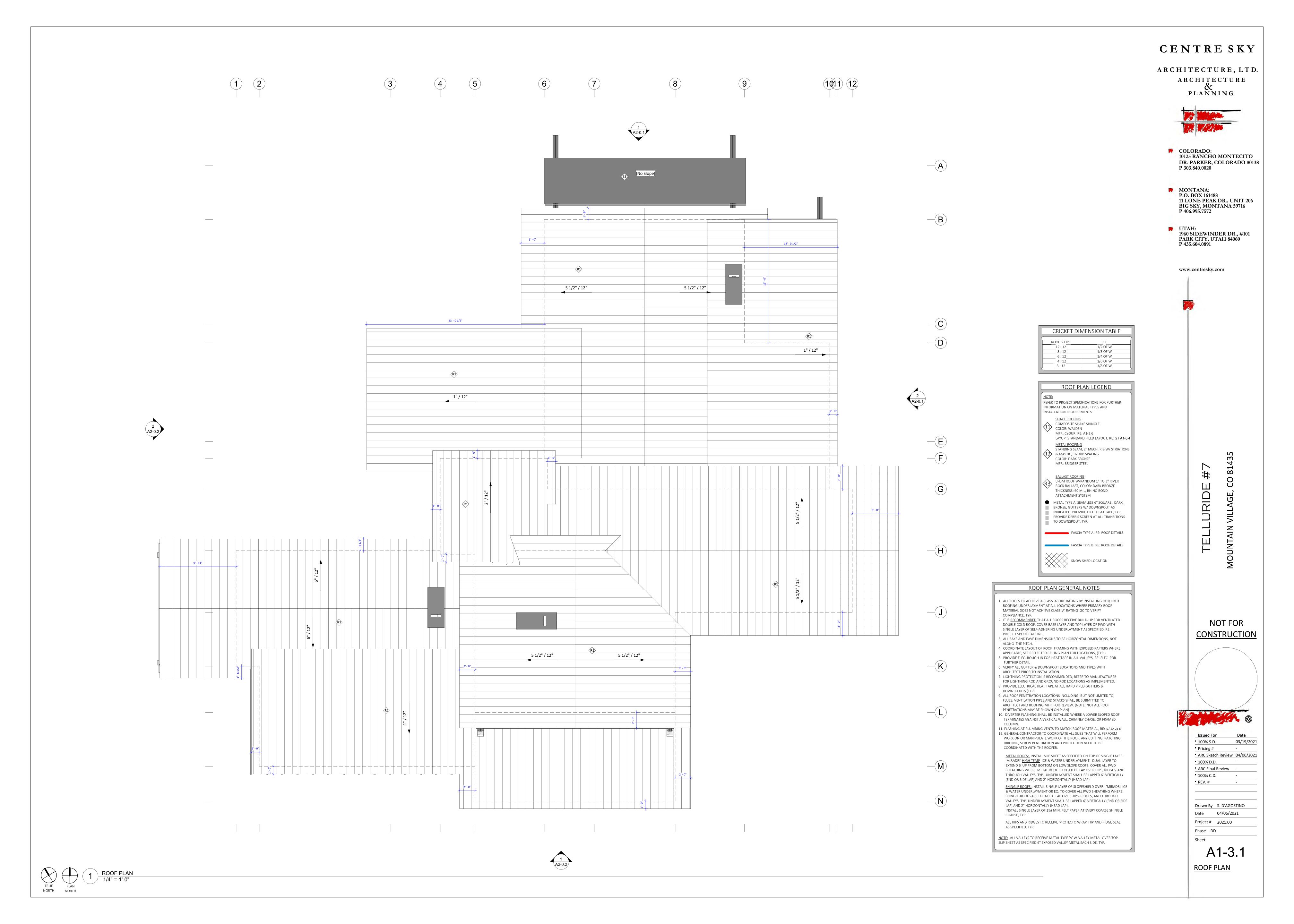


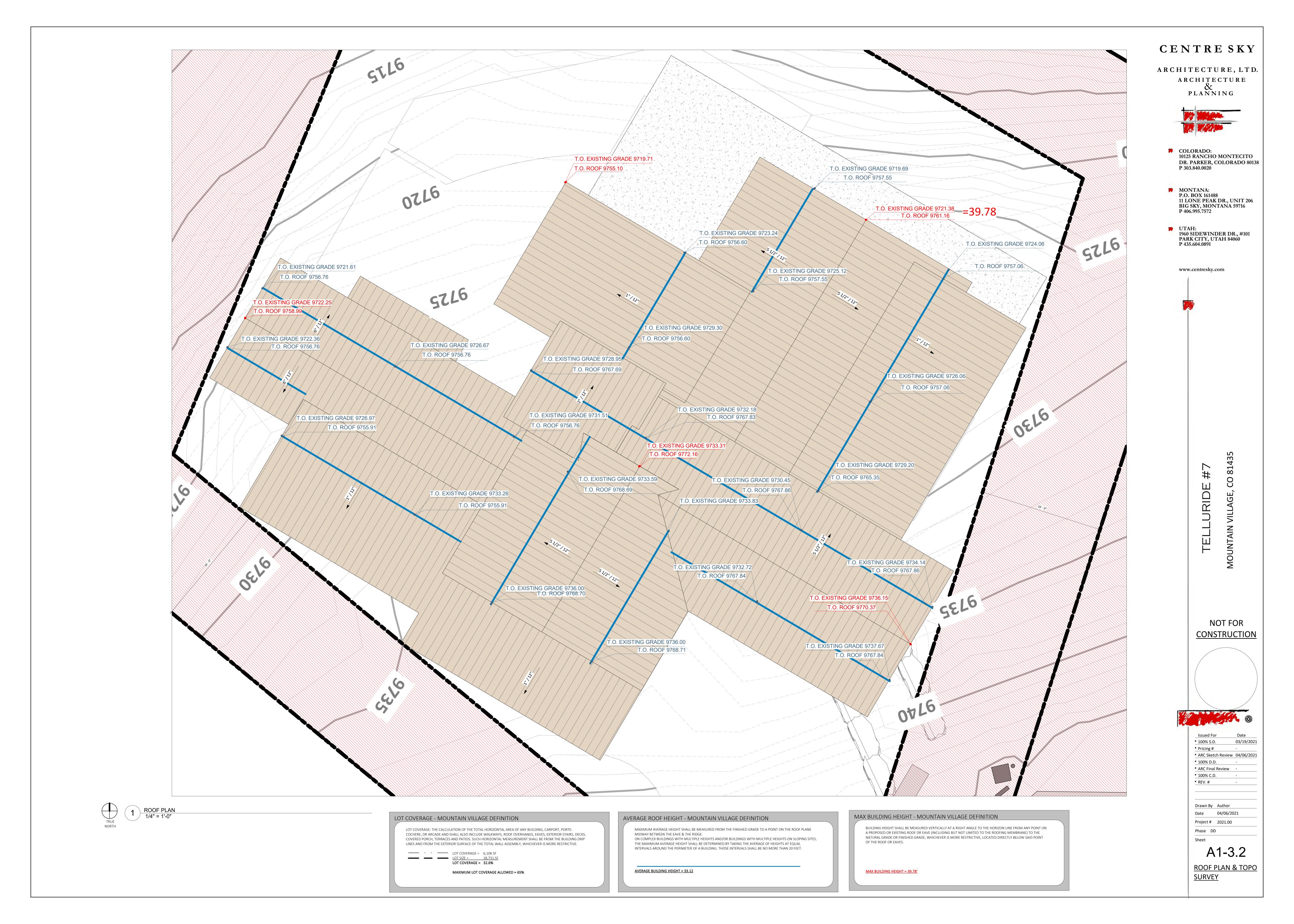


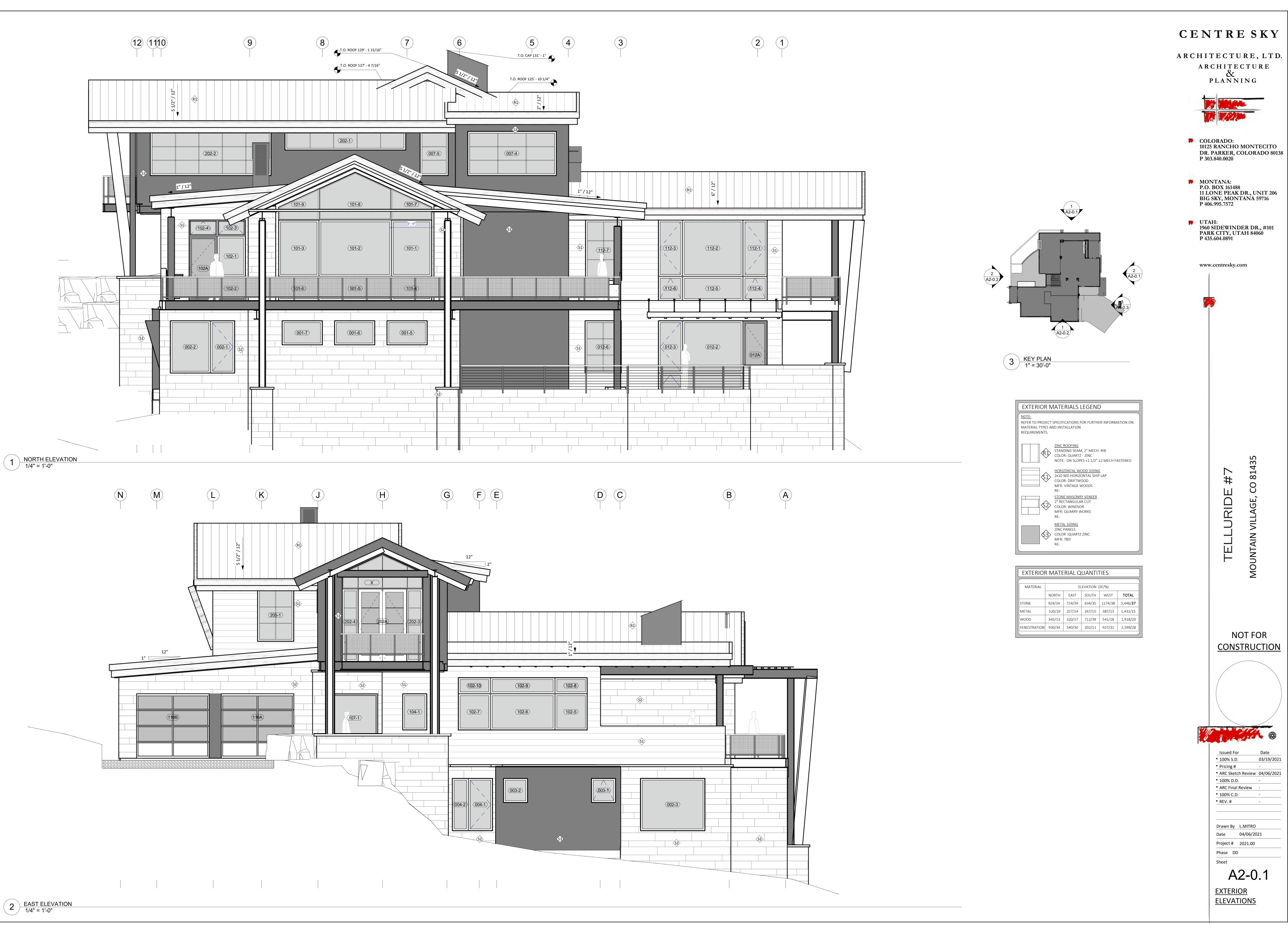


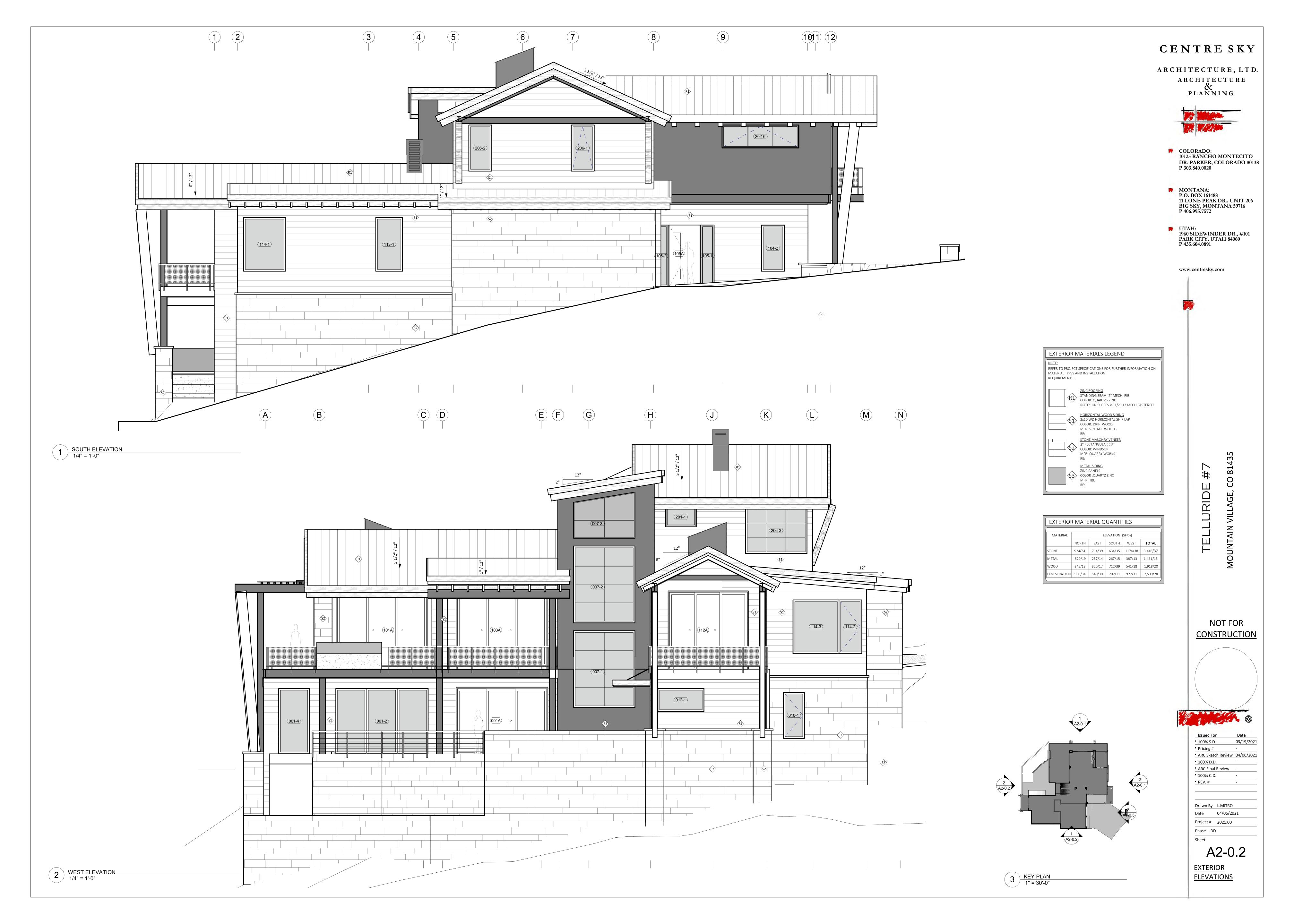


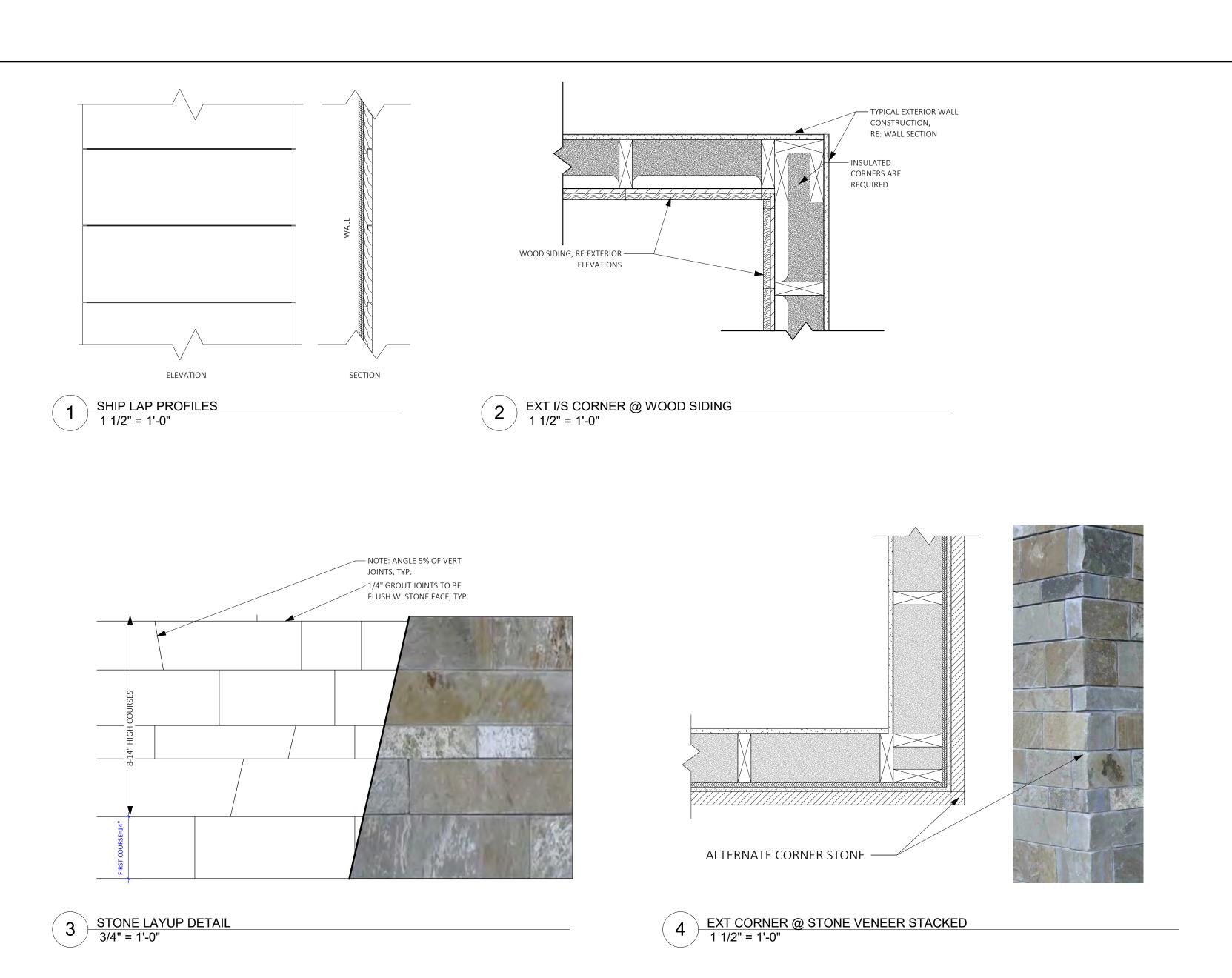


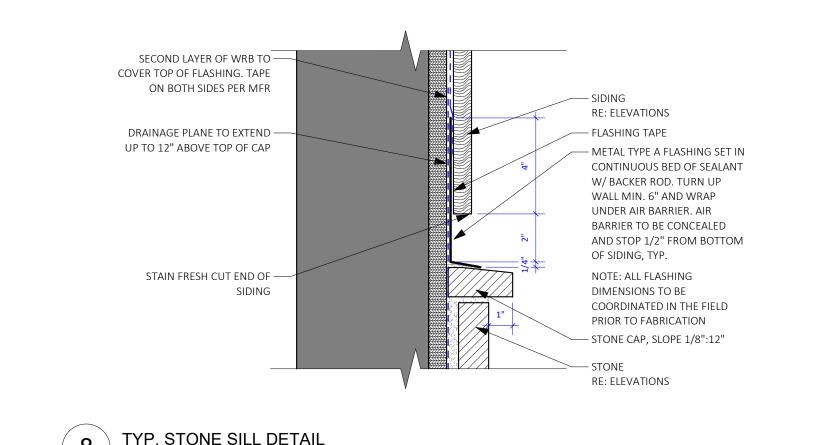


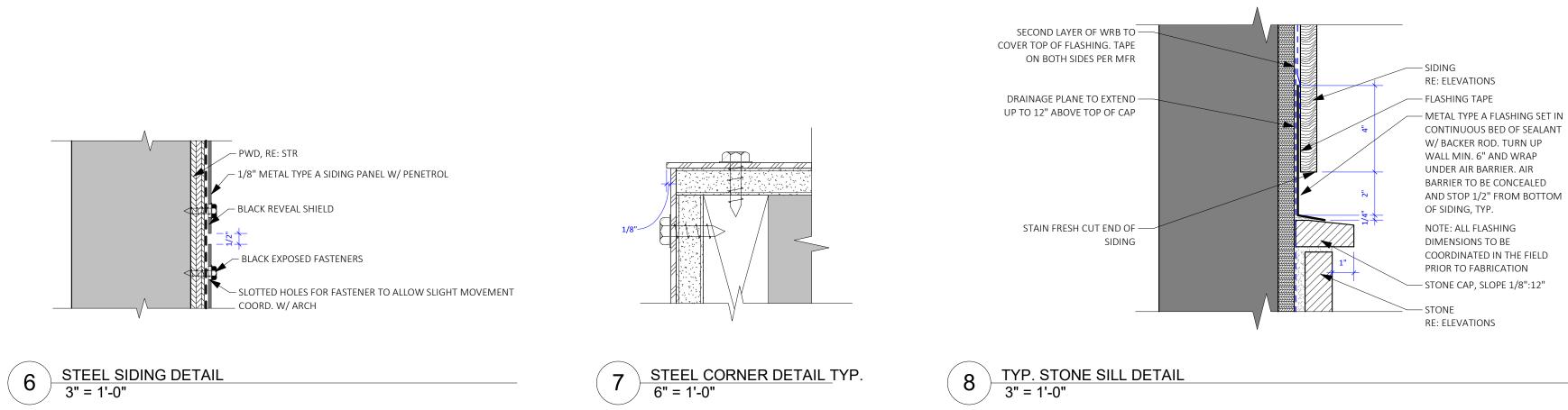






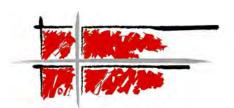








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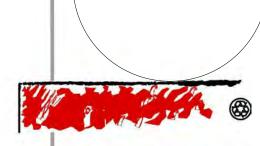
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Drawn By S. D'AGOSTINO Project # 2021.00

A5-1.2

EXTERIOR DETAILS

	W	INDOW	
WINDOW #		IZE	OPERATION
	WIDTH	HEIGHT	
O. SLAB			
010-1	2' - 9"	6' - 0"	CASEMENT
012-2	7' - 6"	6' - 6"	FIXED
012-4	7' - 6"	2' - 0"	FIXED
002-2	5' - 0"	6' - 6"	FIXED
012-1	6' - 0"	3' - 0"	FIXED
002-3	8' - 0"	6' - 6"	FIXED
002-1	3' - 0"	6' - 6"	CASEMENT
001-5	5' - 0"	3' - 0"	FIXED
001-7	5' - 0"	3' - 0"	FIXED
001-6	5' - 0"	3' - 0"	FIXED
001-4	4' - 0"	8' - 6"	FIXED
003-1	3' - 0"	3' - 0"	AWNING
003-2	3' - 0"	3' - 0"	FIXED
004-1	3' - 0"	6' - 6"	CASEMENT
004-2	2' - 0"	6' - 6"	FIXED
001-3	4' - 0"	8' - 6"	FIXED
001-3	4'-0"	8' - 6"	FIXED
001-2	4 - 0"	8 - 6"	FIXED
012-6	4 - 0	8 - 6 6' - 6"	FIXED
012-6	3' - 0"	6' - 6"	CASEMENT
	3' - 0"	2' - 0"	
012-5	3-0	Z - U	AWNING
O.SUB FLR			
112-3	3' - 0"	7' - 0"	CASEMENT
112-3	7' - 6"	7 - 0"	FIXED
112-5	7' - 6"	3' - 0"	FIXED
112-5	3' - 0"	3' - 0"	AWNING
007-1	8' - 0" 5' - 10"	10' - 0"	FIXED
107-1	5 - 10	6' - 0" 3' - 0"	FIXED
101-6	5' - 0"	3'-0"	FIXED
101-4	9' - 0"	3'-0"	FIXED
101-5			FIXED
101-8	9' - 0"	8' - 0"	FIXED TRAP.
101-3	5' - 0"	7' - 0"	FIXED
101-1	5' - 0"	7' - 0"	FIXED
101-2	9' - 0"	7' - 0"	FIXED
102-4	3' - 6"	2' - 0"	AWNING
102-3	3' - 6"	2' - 0"	AWNING
102-2	3' - 6"	3' - 0"	FIXED
102-1	3' - 6"	5' - 0"	FIXED
114-1	5' - 6"	7' - 0"	FIXED
113-1	3' - 6"	7' - 0"	FIXED
105-1	1' - 8 5/8"	8' - 0"	FIXED
105-2	1' - 8 5/8"	8' - 0"	FIXED
114-3	6' - 0"	7' - 0"	FIXED
104-1	3' - 0"	4' - 6"	FIXED
102-7	4' - 0"	4' - 6"	FIXED
102-10	4' - 0"	2' - 0"	FIXED
102-6	8' - 0"	4' - 6"	FIXED
102-9	8' - 0"	2' - 0"	FIXED
102-5	4' - 0"	4' - 6"	FIXED
102-8	4' - 0"	2' - 0"	FIXED
007-2	8' - 0"	10' - 0"	FIXED
112-7	4' - 6"	7' - 6"	FIXED
114-2	3' - 0"	7' - 0"	CASEMENT
112-1	3' - 0"	7' - 0"	CASEMENT
112-4	3' - 0"	3' - 0"	AWNING
104-2	3' - 0"	6' - 0"	FIXED
O. SUB FLR UP			
101-9	5' - 0"	3' - 10 1/2"	FIXED TRAP.
101-7	5' - 0"	3' - 10 1/2"	FIXED TRAP.
201-1	4' - 0"	2' - 6"	AWNING
206-3	8' - 0"	6' - 0"	FIXED
007-4	11' - 0"	5' - 6"	FIXED
206-1	3' - 0"	6' - 0"	AWNING
206-2	3' - 0"	6' - 0"	FIXED
202-6	10' - 0"	3' - 0"	AWNING
205-1	4' - 6"	6' - 6"	FIXED
202-4	2' - 0"	9' - 0"	FIXED
202-3	2' - 0"	9' - 0"	FIXED
1399	10' - 0"	6' - 7 1/2"	FIXED TRAP.
007-5	3' - 6"	5' - 6"	FIXED
202-2	15' - 0"	5' - 6"	FIXED
202-1	15' - 0"	2' - 4"	FIXED
007-3	8' - 0"	6' - 0"	<u> </u>

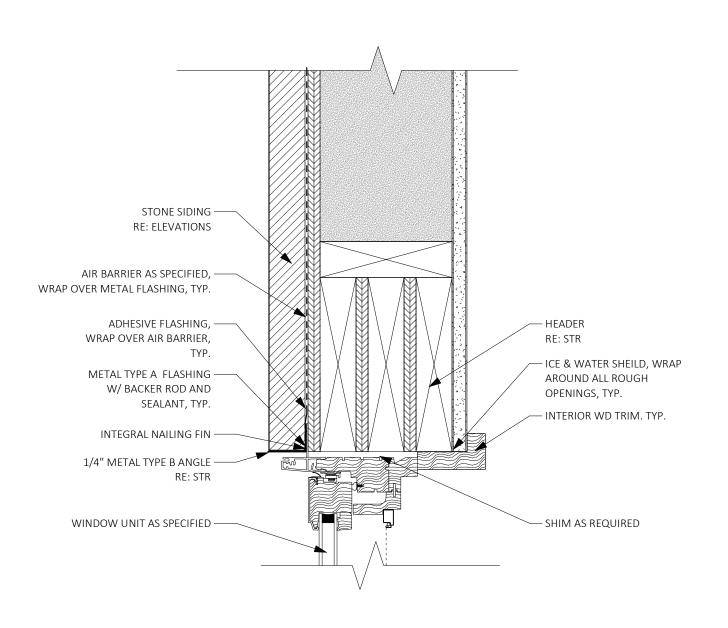
WINDOW GENERAL NOTES

- REFER TO EXTERIOR ELEVATIONS AND WINDOW SCHEDULE FOR DIRECTION OF OPERABLE WINDOW SWING.
 REFER TO PLANS & EXTERIOR ELEVATIONS FOR EGRESS WINDOW LOCATIONS
- 3. WINDOW MANUFACTURER TO VERIFY THAT ALL EGRESS WINDOWS MEET EGRESS REQUIREMENTS IN ACCORDANCE TP 2012 IRC AND ADVISE ARCHITECT OF ANY CONFLICTS

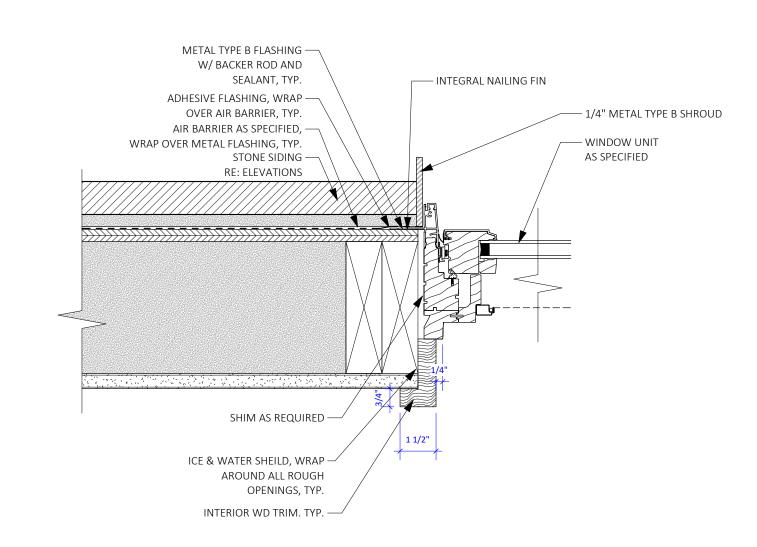
 A DEFENDING WINDOW SCHEDULE FOR ALL MALLED LINES.
- REFERENCE WINDOW SCHEDULE FOR ALL MULLED UNITS
 REFERENCE WINDOW ELEVATIONS FOR ALL TRAPAZOID UNITS
- . WINDOW SUPPLIER TO PROVIDE FINAL SHOP DRAWINGS AND LIST TO ARCHITECT FOR REVIEW PRIOR TO PLACING ORDER.
- 7. ALL WINDOW ELEVATIONS ARE EXTERIOR ELEVATIONS
 8. GENERAL CONTRACTOR TO INSPECT ALL GLASS AND FRAMES FOR DEFECT
- GENERAL CONTRACTOR TO INSPECT ALL GLASS AND FRAMES FOR DEFECTS PRIOR TO INSTALL.
 REFER TO FINISH SCHEDULE FOR SPECIFIC STAIN & PAINT FINISHES

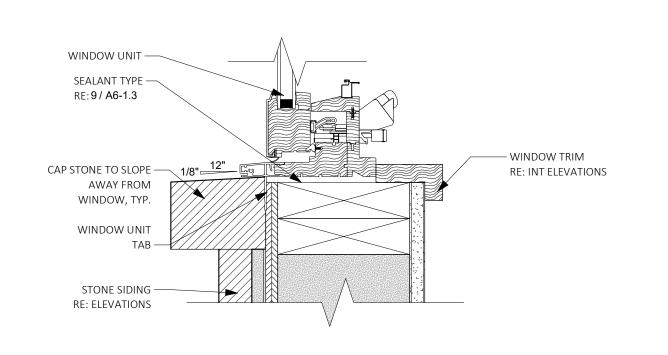
SIERRA PACIFIC URBAN

ALTERNATE: GLO, OR JELDWEN DOUBLE PANE. (SPACERS BLACK)



1 TYP WINDOW HEAD @ STONE SIDING





3 TYP WINDOW SILL @ STONE SIDING
3" = 1'-0"

DOOR				
DOOR#	SIZE			
	W	Н	Т	
Γ.O. SLAB				
001A	11' - 10 15/16"	8' - 6"	0' - 2 3/4"	
012A	3' - 0"	8' - 6"	0' - 2 1/4"	
T.O.SUB FLR 101A	11' - 10 15/16"	10' - 0"	0' - 2 3/4"	
102A	3' - 6"	8' - 0"	0' - 2 1/4"	
103A	11' - 10 15/16"	10' - 0"	0' - 2 3/4"	
105A	4' - 0"	8' - 0"	0' - 2 1/4"	
	9' - 0"	8' - 0"	0' - 2 1/8"	
110A	01 011	8' - 0"	0' - 2 1/8"	
110A 110B	9' - 0"	0 0		

DOOR GENERAL NOTES

- 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
- A. GC TO COORDINATE JAMB WIDTHS WITH INTERIOR SHEAR WALL LOCATIONS (IF APPLICABLE) SEE
 STR FOR 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 PRODUCTION
- 8. 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
- 10. SLOT ON HEAD OF SCREWS TO ALIGN VERTICALLY ON DOOR HARDWARE
- 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

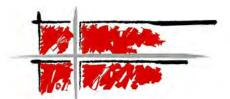
 14. ALL GARAGE DOORS TO HAVE AUTOMATIC CLOSE
- 15. WEDGES ON ALL HINGED EXTERIOR DOORS ON STRIKE SIDE
 16. ALL EXTERIOR HINGED OR PIVOT DOORS TO RECIEVE CORNER SEALS

CENTRE SKY

ARCHITECTURE, LTD.

ARCHITECTURE

&
PLANNING



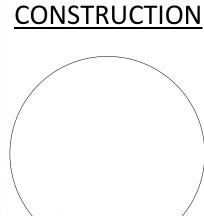
- COLORADO: 10125 RANCHO MONTECITO DR. PARKER, COLORADO 80138 P 303.840.0020
- MONTANA:
 P.O. BOX 161488
 11 LONE PEAK DR., UNIT 206
 BIG SKY, MONTANA 59716
 P 406.995.7572
- UTAH:
 1960 SIDEWINDER DR., #101
 PARK CITY, UTAH 84060
 P 435.604.0891

www.centresky.com



TELLURIDE #7

OUNTAIN VILLAGE, CO 81435



NOT FOR

 Drawn By
 S. D'AGOSTINO

 Date
 04/06/2021

 Project #
 2021.00

Phase DD Sheet

<u>SCHEDULE</u>

A6-1.2

<u>window & door</u>

Review comments by TOMV staff forester, Michael Otto

New Single Family home located at Lot 163RC, 105 Prospect Creek.

https://townofmountainvillage.com/site/assets/files/34871/163rc_website_and_referral_packet.pdf

Diversity of planting clause is not met. 8 bristlecone pine of 35 trees = 22-23%.

New Multi-Family Condo Building located at Lot 30, 98 Aspen Ridge.

https://townofmountainvillage.com/site/assets/files/34830/lot 30 dr and dtrz referral packet.pdf

A landscaping plan is not provided. Landscaping will be addressed in detail as part of the second design review.

A wildfire mitigation plan has not yet been provided. Because of the size of construction related to the size of the lot, zone 1 designation would extend onto adjacent open space.

Single Family Home located at Lot 165-7, 170 Cortina Drive.

https://townofmountainvillage.com/site/assets/files/34872/lot_165-7 website and referral packet.pdf

Wildfire mitigation plan and landscape plan are not included.

Single Family Home located at Lot 325, 430 Benchmark Drive.

https://townofmountainvillage.com/site/assets/files/34873/lot 325 website and referral packet.pdf

A landscape plan is not yet provided. It will be submitted with the Final Architecture Review plan. Because the primary goal of the landscape plan is to retain as much existing vegetation as possible, I would recommend exempting live Aspen removal from Zone 1 requirements.



TELLURIDE FIRE PROTECTION DISTRICT

Scott Heidergott, Fire Marshal

Address: 165-7, 170 Cortina Drive Mountain Village, CO 81435

Architect: Centre Sky Architecture, LTD.

1) The structure is over 3,600 sq ft and shall require a monitored sprinkler system.

2) The address numbers shall be minimum 4'6" from grade to the bottom of the numbers. Address numbers shall be 6" in height, reflective coated or outlined with a reflective coating.

3) TFPD recommends the installation of a Knox Box for access during emergency situations.

John A. Miller

From: Finn KJome

Sent: Monday, April 19, 2021 9:37 AM

To: John A. Miller

Subject: RE: Lot 165-7, 170 Cortina Drive Referral Packet for May 6 DRB

Hi John,

No issues looks good.

Finn

From: John A. Miller < John Miller @mtnvillage.org>

Sent: Friday, April 16, 2021 1:40 PM

To: Finn KJome <FKJome@mtnvillage.org>; Steven LeHane <SLeHane@mtnvillage.org>; Jim Loebe

<JLoebe@mtnvillage.org>; Chris Broady <CBroady@mtnvillage.org>; jeremy@smpa.com;

brien.gardner@blackhillscorp.com; kirby.bryant@centurylink.com; Scott Heidergott <sheidergott@telluridefire.com>;

Mike Otto < MOtto@mtnvillage.org>
Cc: JD Wise < JWise@mtnvillage.org>

Subject: Lot 165-7, 170 Cortina Drive Referral Packet for May 6 DRB

Good Afternoon All -

Please find the following referral for a Single Family Home located at Lot 165-7, 170 Cortina Drive. This item will be heard by the DRB at the May 6 hearing.

1. New Single-Family Home, 170 Cortina Dr: https://townofmountainvillage.com/site/assets/files/34872/lot_165-7 website and referral packet.pdf

Please let me know if there are any questions or concerns.

Best,

J

John A Miller III
Senior Planner
Planning & Development Services
Town of Mountain Village
455 Mountain Village Blvd, Suite A
Mountain Village, CO 81435

O:: 970.369.8203 C:: 970.417.1789





AGENDA ITEM 11 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: Design Review Board Public Hearing; May 6, 2021

DATE: April 27, 2021

RE: Consideration of a Design Review: Initial Architecture and Site Review for

a new Single-Family home on 163RC, 105 Prospect Creek, pursuant to

CDC Section 17.4.11.

Project Overview

PROJECT GEOGRAPHY

Legal Description: LOT 163 RC TELLURIDE MOUNTAIN VILLAGE FILING 31 A REPLAT OF LOT 163R AND

A PART OF SAN JOAQUIN RD AND PART OF TRACT OSP 48 PLAT OF TRACT OSP 48 AND OSP 50 TELLURIDE MOUNTAIN VILLAGE A PART OF SEC 3 T42N R9W NMPM COUNTY OF SAN MIGUEL COLORADO ACC TO PLAT BK 1 PG 3164 AND 3165 JUN 23 2003 AND RES AT 358643 REZONE DENSITY TRANSFER TRAIL AGREEMENT AND

CONSERVATION EASEMENT

Address: 105 Prospect Creek Dr.

Applicant/Agent: Jake Wright, Turkel

Designs

Owner: Damon and Aldona

Spiegel

Zoning: Single-Family

Existing Use: Vacant

Proposed Use: Single-Family Lot Size: 0.82 Acres

Adjacent Land Uses:

North: Open Space
 South: Single-Family
 East: Open Space
 West: Open Space

ATTACHMENTS

Exhibit A: ApplicationExhibit B: Plan Set

• Exhibit C: Public / Referral Comments



Figure 1: Vicinity Map

<u>Case Summary</u>: Jake Wright of Turkel Designs (Applicant), working on behalf of Damon and Aldona Spiegel (Owner), is requesting Design Review Board (DRB) approval of an Initial Architectural and Site Review (IASR) Application for a new single-family home on Lot 163RC, 105 Prospect Creek Drive. The Lot is approximately 0.82 acres and is zoned Single-Family. The overall square footage of the home is approximately 5,279 gross square feet. It should be noted that Lot 163RC does contain delineated wetlands and the development of the site should take into careful consideration how to avoid impacts to this area. Otherwise, outside of the wetland, the site has been largely cleared of vegetation and the focus of the development of the Lot is within this area.

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

	T	Table 1
CDC Provision	Requirement	<u>Proposed</u>
Maximum Puilding Height	25' (shed) Maximum	24'-5"
Maximum Building Height	35' (shed) Maximum	_
Maximum Avg. Building Height	30' (shed) Maximum	21'-3"
Maximum Lot Coverage	40% Maximum	31.8%
General Easement Setbacks	16' GE	Landscaping
		Encroachment
Roof Pitch		
Primary		1:12
Secondary		1/4:12
Exterior Material**		
Stone	35% minimum	38.4%
Windows/Doors	40% maximum	36.6%
Parking	2 enclosed / 2 surface	2/2

Design Review Board Design Variations:

17.5.6: Building Design: Roof Material

Design Review Board Specific Approvals:

GE Encroachment – Landscaping

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 is largely based on a shed/flat roof form with other minor shed projections. Homes with a primary shed roof form are granted a maximum building height of 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: As part of this application, the applicant has provided both a Maximum Building Height and Average Building Height analysis. Based on the heights provided, the maximum building height is 24'-5" from the highest ridge to the grade below. The maximum

average height is 21'-3". Both of these heights comply with the CDC requirements. Additionally, the applicant has provided a parallel plane analysis demonstrating that no portion of roof forms penetrates the 35-foot parallel slope height allowance. It should be noted that the parallel plane projection does not appear to provide existing and proposed grades. The most restrictive grade is the lesser of the existing and proposed grades. With that, the heights still appear to meet CDC requirements but prior to submittal for Final Architectural Review (FAR), the applicant shall revise Page A3-10 to A3-40 per these comments.

17.3.14: General Easement Setbacks

Lot 163RC is burdened by a sixteen (16) foot General Easement (GE) which surrounds its perimeter. 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, Natural Landscaping, Utilities, Address Monuments, and Fire Mitigation. All encroachments not listed above will require encroachment agreements between the property owner and the Town.

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

- Driveway: The access for Lot 163RC is unique in that there is an existing wooden bridge and retaining wall that pre-exists this development proposal. The wooden bridge — because it serves as the driveway for the Lot is a permittable encroachment.
- Address Monument: The address monument appears to be located directly adjacent to the bridge described above.
- Utilities: The shallow utility connections are currently located on the site along with the sewer, but the water service is located within the ROW of Prospect Creek Drive and will require crossing the GE of Lot 163RC. The proposed locations are conceptual at this time, but generally speaking, only the front GE will be disturbed with the water connection.
- Landscaping: The proposed landscaping is within the GE surrounding the home.
 While natural landscaping is permitted, any associated irrigation or hardscaping
 must be approved by the DRB and any approved encroachments within the GE
 must be memorialized in a GE Encroachment Agreement.

The only encroachment in the GE that is not permitted by the CDC is the above-described landscaping improvements that do not fall into the natural category. These will require the DRB to determine their appropriateness. If not, then the applicant shall revise the plans to remove non-permitted GE encroachments.

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 proposed home at Lot 163RC is very modern in form compared to other homes in the Mountain Village, although flat roofs have become more common recently. While low slope shed and flat roof forms have not been a traditional high alpine architectural design, advances in technology and engineering have allowed for flat roof forms to be designed in a way that does appear to function in high snow areas that have been historically limited to steeper sloped roofs. The materials palette for the project appears to contrast well between the light hemlock siding, Telluride Montblanc stone base, metal accents, and the darker roof. The form of the building itself is unique in that its horizontally linear which is logical given the narrowness of the Lot, but the form appears to be augmented nicely through the vertical stone elements that project upwards as seen from different elevations within the plan set.

17.5.5: Building Siting Design

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

Staff: Lot 163RC and the proposed building siting appear to be largely driven by the shape of the lot, the delineated wetland area, and an existing conservation easement that generally is approximately co-linear to the delineated wetland. From historic aerial imagery, it appears the site was largely cleared of vegetation prior to 2008, but staff is unsure at this time why the Lot was cleared absent a development proposal.

With the constraints listed above in mind, the applicant has been successful in limiting any impacts to the General Easement surrounding the home with the exception of some minor landscaping and hardscaping. The topography of the site is rather flat, but due to its location in the prospect creek drainage, the lot sits below the surrounding lots. The height of the project is quite subdued and appears to blend well into the topography of the site. The large trees that are currently remaining on the site have been identified to be protected and incorporated into the design of the landscaping. Overall, given the pre-disturbed nature of the site staff believes that the applicant has met the requirement that the development blend into the existing landforms and vegetation.

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. To accomplish this, the applicant is proposing a Telluride Montblanc stone in a thin veneer pattern. At nearly 40%, staff does believe that the stone foundation of the home as proposed accomplishes this standard. As noted above, the vertical projections of stone help to complement the geometry and horizontal nature of the home. The wood cladding is proposed as a 1x6" T&G thermally modified hemlock that appears to be pre-finished in a light stain, and the proposed soffit and fascia material is a cocoa finish wood trim that contrasts nicely with the siding and roof materials. At 36% glazing, there could be some issues related to energy efficiency, but staff does not take issue with the proposed design given that the home is able to meet HERS. Based on the plans provided, the applicant is meeting all materials requirements for Stone and Glazing. It should be noted that there are small portions of the home that are cantilevered and overhand the stone base, but staff does not feel that this minor overhang detracts from the home's being grounded.

Window and door trim are proposed as a painted aluminum bronze finish, but more detail should be provided in the form of door and garage door schedules before FAR. Any

windows and or doors located within stone must be recessed per the CDC and it appears that the applicant has provided this detail in the plans.

Given the low slope and flat roofs, the applicant has proposed an EPDM roof membrane which is described on edpmroofs.org as "an extremely durable synthetic rubber roofing membrane (ethylene propylene diene terpolymer) widely used in low-slope buildings in the United States and worldwide. Its two primary ingredients, ethylene and propylene, are derived from oil and natural gas. EPDM is available in both black and white, and is sold a broad variety of widths, ranging from 7.5 feet to fifty feet, and in two thicknesses, 45 and 60 mils. EPDM can be installed either fully adhered, mechanically attached or ballasted, with the seams of the roofing system sealed with liquid adhesives or specially formulated tape".

The DRB has been hesitant in the past to grant approvals for membrane roof materials but has been generally comfortable with ballasted roof systems that overlay the membrane with another material. Staff is recommending that the low slope roof with slopes of 1:12 be modified to a metal or synthetic Class A Roof Material, and the flat areas of the roof are treated with a ballasted material to disguise the EPDM roof. The DRB should discuss this in more detail to determine its appropriateness.

The applicant has not proposed any snowmelt at this time, but staff is anticipating some snowmelt in exterior areas of the home. Prior to FAR, 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: Given the generally flat nature of the site, staff's main concerns at Lot 163RC are related to the delineated wetland area to the south of the home. The applicant has provided a grading plan in in accordance with the CDC requirements, but additional information should be provided before final to address the following concerns:

- 1. Finished Grade / Final Slope Calculations the grading plan should be revised to better demonstrate areas of grading to occur around the home, along with the proposed finished slope calculations of any disturbed area.
- 2. Drainage information should be provided to demonstrate that the home is providing positive drainage away from the home and away from wetland areas on the Lot.

17.5.8: Parking Regulations

Staff: The CDC requires all single-family developments to provide two interior and two surface parking spaces. The applicant is currently meeting this requirement.

17.5.9: Landscaping Regulations

The applicant has provided a landscaping plan for initial review. This plan demonstrates planting locations, revegetation notes, and other general requirements. Prior to FAR, the plan shall be revised to include irrigation locations in order to better determine the extent of the GE Encroachments as well as provide specific revegetation notes for the native seed mix specified in the CDC. Generally speaking, staff does not believe this plan meets the requirements of the CDC for fire-resistant species. Additional information to be provided below in the Fire Mitigation provisions of this report.

17.5.11: Utilities

Staff: All utilities are currently located within the Prospect Creek ROW or Lot 163RC and will only require connections to the home. The applicant shall work with the Public Works

Director before the final review to determine the specific locations of the connections for the home as these locations are conceptual only.

17.5.12: Lighting Regulations

Staff: The applicant has provided a preliminary lighting plan and it appears that the proposed locations and fixture types meet the requirements of the CDC. Generally speaking, the lighting appears to be subdued and generally provided in areas required by the CDC and building code. The lighting as proposed for the address monument should be modified from a backlit design to a down-lit design before final review and due to the size of the home, a photometric study will also be required.

17.5.13: Sign Regulations

Staff: The applicant has provided architectural details for the address monument and it does appear to meet the requirements of the CDC except for the backlit lighting discussed above.

Chapter 17.6: SUPPLEMENTARY REGULATIONS 17.6.1: Environmental Regulations

Staff: Fire Mitigation and Forestry Management: The applicants have provided a fire mitigation plan but Staff does have concerns with the large amount of vegetative screening that has been included within the dripline of the home and outside of Zone 1. Staff recommends revising the fire mitigation plan to better demonstrate the intent of these provisions in a way that allows for screening but also provides fire protection.

Steep Slopes: The building site does not contain steep slopes.

Wetland Regulations: Lot 163RC does contain a wetland that was delineated October of 2020. Given the delineation does not encroach on the proposed design of the home, the main focus will be ensuring that these wetlands are not inadvertently disturbed as part of the construction. This will require fencing, both construction, silt fencing, and potentially silt wattles to ensure that no sediment enters the wetland area and that it is not disturbed in any way.

17.6.6: Roads and Driveway Standards

Staff: The civil plans provided indicate that the driveway widths do meet the requirements of the code at 12 feet in width with two-foot shoulders. The driveway grade is demonstrated on page C1-10, and the majority of the driveway is 4-5% grade.

17.6.8: Solid Fuel Burning Device Regulations

Staff: The applicant has indicated that the proposed home does include fireplaces and they have been identified as natural gas devices. Prior to Final Review, these plans should be revised to explicitly state that the exterior firepit to the rear of the Lot is also natural gas burning.

Chapter 17.7: BUILDING REGULATIONS 17.7.19: Construction Mitigation

Staff: The applicant has submitted a construction mitigation plan for this project. Based on the location and topography of the Lot, staff believes that the proposed CMP is logical and meets the requirements of the CDC as shown. Some temporary parking may be required on Prospect Creek Drive but given the flatness of the site and the existing access bridge, the majority of the parking should be able to be accommodated on the site throughout the project. Any areas of the GE that are disturbed during construction are required to be returned to their pre-disturbed condition prior to issuance of a CO.

Staff Recommendation: Staff recommends the DRB approve the Initial Architectural and Site Review for Lot 163RC, 105 Prospect Creek Drive.

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

Proposed Motion:

If the DRB deems this application to be appropriate for 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 single-family home located at Lot 163RC, 105 Prospect Creek Drive, based on the evidence provided within the Staff Report of record dated April 27, 2021, with the following and Design Variations and Specific Approvals:

Design Review Board Design Variations:

17.5.6: Building Design: Roof Material

Design Review Board Specific Approvals:

GE Encroachment - Landscaping

And, with the following conditions:

- 1) Prior to submittal for Final Architectural Review, the applicant shall revise pages A3-10 to A3-40 so that the parallel plane analysis demonstrates both existing and finished grade projections for the 35-foot height allowance.
- 2) Prior to submittal for Final Architectural Review, the applicant shall revise the roof plan and materials per the comments of this Staff Memo of record.
- 3) Prior to submittal for Final Architectural Review, the applicant shall revise the Civil Grading plan so that the finished grade is more clearly identified, and in a way that also demonstrates final slope and positive drainage away from the home.
- 4) Prior to submittal for a Final Architectural Review, the applicant shall provide a full door and garage door schedule.
- 5) Prior to submittal for a Final Architectural Review, the applicant shall demonstrate areas of the proposed snowmelt.
- 6) Prior to submittal for a Final Architectural Review, the applicant shall revise the landscaping plan to include irrigation location details to determine the extent of the GE encroachments. Additionally, the applicant shall revise the landscaping plan based on referral comments from the Town Forester.
- 7) Prior to submittal for a Final Architectural Review, the applicant shall revise the address monument design and lighting plan so that the address monument numbering is down lit per the requirements of the CDC.
- 8) Prior to the submittal for a Final Architectural Review, the applicant shall provide additional lighting plan details such as a photometric study.
- 9) 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.
- 10) 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.

- 11) Prior to issuance of a CO, the property owner will enter into a General Easement Encroachment Agreement, as applicable, with the Town of Mountain Village for the general easement encroachments approved.
- 12) A monumented land survey of the footers will be provided prior to pouring concrete to determine there are no additional encroachments into the GE.
- 13) It is incumbent upon an owner to understand whether above-grade utilities and town infrastructure (fire hydrants, electric utility boxes) whether placed in the right of way or general easement, are placed in an area that may encumber access to their lot. Relocation of such above-grade infrastructure appurtenances will occur at the owner's sole expense and in coordination with the appropriate entity (fire department, SMPA, Town of Mountain Village) so that the relocated position is satisfactory.
- 14) 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

Turkel Design, LLC



info@turkeldesign.com www.turkeldesign.com tel | 617-868-1867 toll free | 877-710-2518

Town of Mountain Village Planning and Development Services 455 Mountain Village Blvd. Suite A Mountain Village, CO 81435

March 10, 2021

To the members of the Design Review Board,

We respectfully submit the following proposal for a single-family residence of approximately 5,300 square feet to be located on Lot 163R-C for Initial Architecture and Site Review.

Lot 163R-C is an undeveloped and relatively level lot that is substantially clear and open. The lot is long and narrow, and dimensionally constrained in the east-west direction. The perimeter of the site is wooded, with a clearing towards an existing trail towards the northeast corner of the site. The General Easement was partially cleared of trees at an unknown previous point.

There is one immediately adjacent developed residential property towards the south (Lot 163R-A). Lot 163R-C shares a property line with Lot 163 R-A for approximately 10 feet at the southwest corner of the lot. Two other adjacent lots (163R-B and OSP48-B) remain undeveloped.

There are wetlands along the western side of the site that have been defined according to several overlaid boundary lines, mapped at different points over time. These boundary lines are indicated on a survey prepared by Foley Associates, Inc., dated October 29, 2020, included in this submission. There is an existing wetlands delineation line from an amendment to the final plat of lot 163, filing 31 (Telluride Mountain Village). The wetlands boundaries have been staked in the field twice by Chris Hazen of the Terra Firm, Inc., in September 2006 and again in October 2020 due to the time frame elapsed since the initial staking. All wetlands will be protected during construction with appropriate sediment and erosion control measures.

Additionally, there is a Conservation Easement (per Reception No. 329471) towards the southwest corner of the site. It has been indicated by Planning and Development Services that the Conservation Easement may have been redefined based on more current surveying – this is pending confirmation. We are deferring to the boundary in the current survey at the moment.

Entry to the site is via an existing bridge over a small creek. The connection from Prospect Creek Drive to the bridge is located in the General Easement. The orientation of the bridge is such that an extrapolated driveway necessarily impedes on the General Easement for approximately 100 feet along the southeast corner of the site. We are not proposing modifications to the orientation of the existing bridge and would request relief from the General Easement setback requirements where the proposed driveway impedes at the 100 foot length along the southeast portion of the site.

The current owner submitted a previous proposal for a single-family residence to the Design Review Board in 2017, which was approved on August 3, 2017. At that time, a site plan with a driveway substantially impeding on the General Easement was approved, with the condition that the owners enter into a revocable General Easement encroachment agreement. In the current site design, we have endeavored to keep the driveway and any grading entirely out of the General Easement, with a turn around driveway configuration that has been fitted withing the General Easement setback lines on the east and west. The turn around is also configured to preserve an existing stand of trees at the south-central portion of the site.

Due to the east-west dimensional constraints of the site, we are requesting relief from the Fire Protection Turn Around Standards as indicated in Appendix 17-1 of the Community Development Code. None of the indicated turn arounds will fit dimensionally on the site.

The project landscape architect, Beth Moeller Bailis of Caribou Designs, has prepared a separate narrative included in this submission regarding proposals to locate some landscape elements in the General Easement, with a further explanation of requests for relief from the General Easement requirements based on the unusual constraints of the site.



Turkel Design, LLC

info@turkeldesign.com www.turkeldesign.com tel | 617-868-1867 toll free | 877-710-2518

We believe that the proposed architectural design substantially conforms to the letter and intent of the Community Development Code. The aesthetic impact of the project on the community will be minimal, and is mitigated by the relative isolation of the site. The site is surrounded by trees along the majority of the perimeter of the lot, which visually isolates the property from the surrounding neighborhood. The single immediately adjacent developed residential property (Lot 163R-A) is approximately 300 feet distant from the proposed site of the house, with substantial tree cover separating the two properties. Additionally, the house is sited approximately 200 feet from Prospect Creek Drive, and is screened by a stand of existing trees, so the visibility of the house from the public road will be limited.

The proposal is for a two-story house, and thus the project will be substantially under the height limit of 35 feet for a pitched roof, per CDC Section 17.3.12. The roofline will be screened by trees on all sides, and at no point will the roof height exceed the height of the surrounding tree line.

Per the design requirements in CDC Section 17.5.6, the proposal features a composition of flat (low-slope) and sloped roofs at variable heights, breaking up the overall mass and creating visual interest on all elevations. Due to the low pitch of the roofs, we request relief from the roof material requirements, due to the limited visibility of the roof from ground level. The roof material proposed is an EPDM membrane in a gray color that is intended to recede into the shadows of the tree canopy if viewed from above.

The design features substantial stone walls at the base on all elevations, which are punctuated by several double-height pier-like elements, including two chimneys. The intended overall effect is to "ground" the house to the site with the visual weight of the stone mass, per the CDC requirements, particularly when viewed from the entry. The stone mass on the entry side will be counterbalanced by wider double-height expanses of glass at the living spaces towards the north end. To mitigate the aesthetic impact of the reduction in stone at the living space elevations, to the extent possible these spaces have been oriented away from the more visually prominent entry side of the house.

The proposed material palette is limited to organic and hand-crafted materials, including stone and horizontal wood siding in a natural finish and accents in grays and earth tones. Overall, we believe the proposal is complimentary to the Alpine design theme of the town in regards to building form and materiality, and has been designed to blend into its surroundings and to minimize the aesthetic impact of any variances from the CDC.

Thank you again for the opportunity to submit this project for your review.

Sincerely,

Jake Wright
Partner
Turkel Design, LLC

CARIBOU DESIGN ASSOCIATES Landscape Architecture and Planning

Spiegel Residence Lot 163-RC Landscape Narrative

Lot 163-RC by nature presents a couple of significant design challenges for building siting, access and driveway layout, and the related landscape. The most obvious challenge lies in the shape of the lot. Long and narrow with the access point located at the south end of the longer axis, the lot demands a narrow building footprint. The greater site issue however is the wetlands which take up a considerable area of the lot. Additionally these wetlands are located along the longer axis forcing an even narrower siting for the building. These two site issues present a genuine hardship for building siting and access.

In order to access lot 163-RC from Prospect Creek Drive and accommodate the wetlands a bridge was built at some point previously and currently marks the beginning of the property's driveway. This bridge was placed partially in the eastern general easement. For this reason, a portion of our driveway was forced into the GE to meet the bridge. From there, the proposed driveway design successfully maneuvers out of the GE the remainder of the distance to the home. As is allowed within the CDC in cases of hardship, the applicant is seeking DRB permission for this small piece of driveway to exist within the general easement.

The second design accommodation in response to the narrowed building siting is the placement of some landscape elements in the general easement. The primary outdoor living and recreation spaces are located on the eastern side. The applicant is seeking permission to place a small patio near the southeastern corner of the home that would sit within the general easement. The adjacent property opposite this general easement is designated open space. For this reason, it seems an appropriate request to expand some of the livable landscape area into this general easement as it would not impede into a 'setback' area between two residential properties impacting another homeowner.

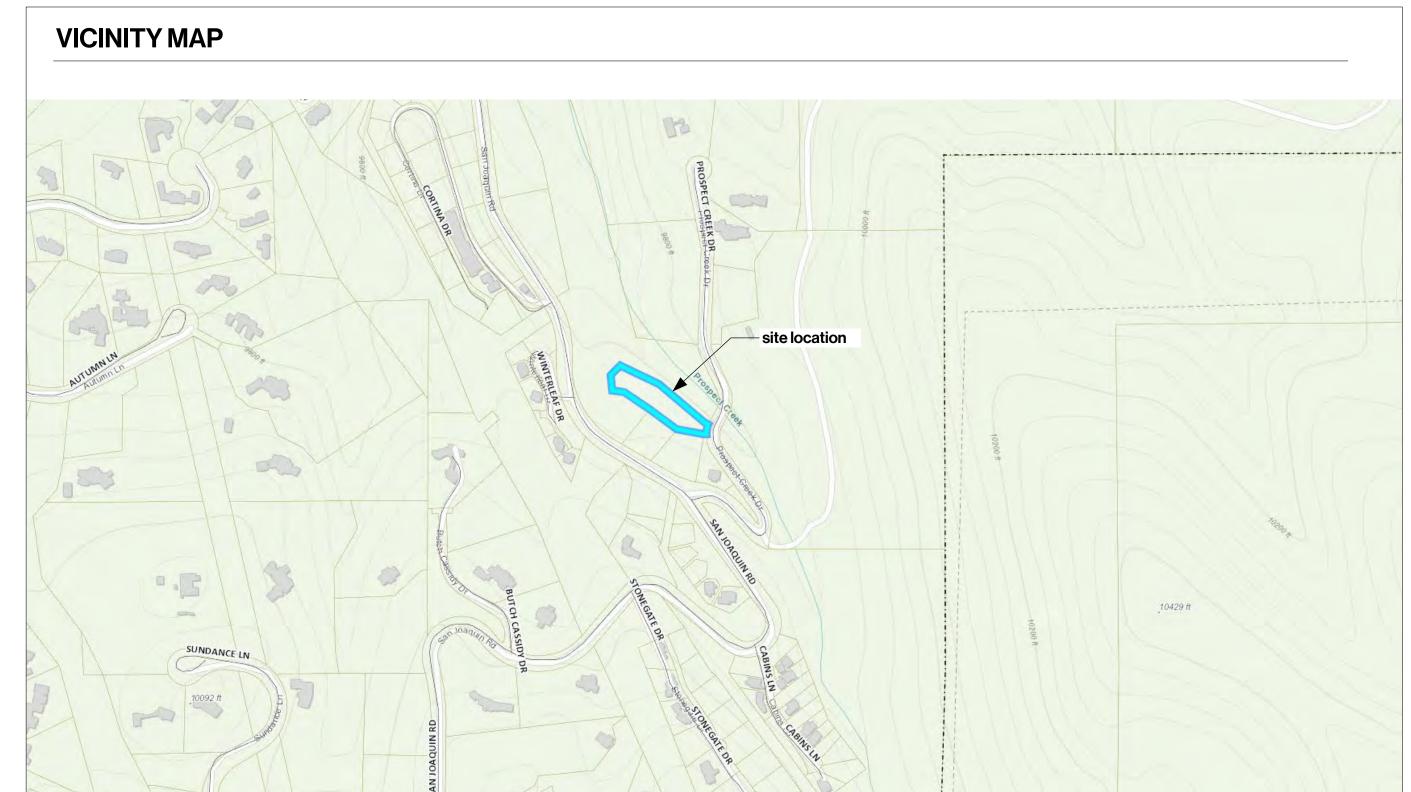
The applicant requests the design review board to consider these hardships while reviewing.

Beth Bailis

Landscape Architect

Caribou Design





PROJECT INFORMATION

ZONING INFORMATION:

Tax Area:

Zone: Single-Family (SF)

Lot: 163R-C

Lot Area: 0.82 acres (35,719.2 sf)

Lot Coverage Allowable: 40%

Setbacks: 16'-0" general easement (all lot boundaries)

Maximum Building Height: 16'-0" general easement (all lot boundaries)

108

Maximum Average Building

ng 40'-0" (35'-0" + 5'-0" gable ridge, CDC 17.3.12

Table 3-3, Footnote 1)

Parking Required: 2 enclosed spaces in garage and 2 surface

parking spaces (CDC 17.5.8 Table 5-2)

Sprinklers: Per CDC 17.7.11, B., 15., an automatic

residential fire sprinkler system will be installed (finished habitable space exceeds

3600 square feet)

AREA:

Height:

Garage: 642 sf

Main Floor: 2,582 sf

Upper Floor: 2,055 sf

Total: 5,279 sf

LOT COVERAGE:

House: 4,712 sf
Terraces and Walkways: 1,326 sf
Driveway: 5,325 sf

Total: 11,363 sf

Lot Coverage: 31.8% (40% maximum)

PROJECT TEAM

Owner

Damon and Aldona Spiegel 2727 Barbara Lane Houston, TX 77005

damon@spiegel1.com 832-877-3369

Architect

Turkel Design 840 Summer Street, #104 Boston, MA 02127

Contact:
Paul Dahlke
paul@turkeldesign.com
617-868-1867 x 116

Architect of Record

Elton + Hampton Architects 103 Terrace St Roxbury, MA 02120

Contact: Bruce Hampton, AIA, LEED AP

bruce@eltonhamptonarchitects.com 617-708-1071

Landscape Architect

Caribou Design
Associates
PO Box 3855
Telluride, CO 81435

Contact:

Beth Moeller Bailis cariboudesign@gmail.com

970-708-1232

Surveyor

Foley Associates, Inc. PO Box 1385 125 W. Pacific, Suite B-1 Telluride, CO 81435

Contact:
Jeff Haskell
jhaskell@foleyassoc.com

Civil Engineer

970-728-6153

Telluride Engineering PO Box 405 Telluride, CO 81435

Contact:
Jack Gardner, P.E.
jgardner.pe@gmail.com
970-728-5440

SHEET INDEX

G1-10 Cover Sheet

G1-20 General Notes

V1-10 Survey

C1-10 Grading Plan

C1-20 Utility Plan

L1-10 Landscape Plan

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A3-30 Elevation

A3-40 Elevation

A4-10 Average Height Calculation

A5-10 Material Calculations

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A7-10 Axons

A8-10 Window Schedule

A9-10 Exterior Finish Details



SPIEGEL RESIDN.COM
APPROVED THESE PLANS (SIGN EACH SHEET)
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ACTIENT SIGNATURE

DATE

105 PROSPECT CREEK DRIVE
MOUNTAIN VILLAGE, CO 81435

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03/09/21

Cover Sheet

drawing number G1 - 10

GENERAL NOTES

Contract Documents:

Contract documents consist of the agreement, general conditions, specifications, detail book and drawings, which are cooperative and continuous. Work indicated or reasonably implied in any one of the documents shall be supplied as though fully covered in all. Any discrepancies between the parts shall be reported to the architect prior to the commencement of work. These drawings are part of the contract documents for this project. These drawings are the graphic illustration of the work to be accomplished. All dimensions noted take precedence over scaled dimensions. Dimensions notes with "N.T.S." denotes not to scale.

Organization:

The drawings follow a logical, interdisciplinary format: architectural drawings (A sheets), civil drawings (C sheets), structural (S Sheets), mechanical and plumbing (M sheets), electrical (E sheets) and lighting (LTG sheets).

Code Compliance:

All work, materials and assemblies shall comply with applicable state and local codes, ordinances and regulations. The contractor, Subcontractors and journeymen of the appropriate trades shall perform work to the highest standards of craftsmanship and in accordance with AIA Document A201 - Section 3. The building inspector shall be notified by the contractor when there is need of inspection as required by the international building code or any local code or ordinance.

Applicable Codes:

International Building Code (2018)
National Electrical Code (2020)
International Fuel Gas Code (2018)
International Energy Conservation Code (2018)
International Existing Building Code (2018)
International Fire Code (2018)
International Mechanical Code (2018)
International Plumbing Code (2018)
International Residential Code (2018)

With amendments as indicated in Sections 17.7.10 through 17.7.19 in Title 17 of Town of Mountain Village Municipal Code, amended August 20, 2020.

Intent:

These documents are intended to include all labor, materials, equipment and services required to complete the work described herein.

Coordination:

The contractor shall carefully study and compare the documents, verify actual conditions and report any discrepancies, errors or omissions to the architect in a timely manner. The architect shall clarify or provide reasonable additional information required for successful execution. The contractor shall verify and coordinate all openings through floors, ceilings and walls with all architectural, interior, structural, mechanical and plumbing, electrical and lighting drawings. Contractor will assume responsibility of items requiring coordination and resolution during the bidding process.

Substitutions:

Any materials proposed for substitution of those specified or the called-out-by-trade-name in these documents shall be presented to the architect for review. The contractor shall submit samples when required by the architect and such samples shall be reviewed by the architect before the work is performed. Work must conform to the reviewed samples. Any work which does not conform shall be removed and replaced with work which conforms at the contractor's expense. Subcontractors shall submit requests for review through the general contractor when work is let through him or her. Required verification and submittals to be made in adequate time as not to delay work in progress.

Shop Drawings:

Shop drawings shall be submitted to the architect for his or her review where called for anywhere in these documents. Review shall be made by the architect before work is begun, and work shall conform to the reviewed shop drawings, subject to replacement as required in paragraph "substitutions" above.

Safety & Protection of Work:

The contractor shall be responsible for the safety and care of adjacent properties during construction for compliance with Federal and state O.S.H.A. Regulations, and for the protection of all work until it is delivered completed to the owner.



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SUBJECT

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DATE

1 03/09/21

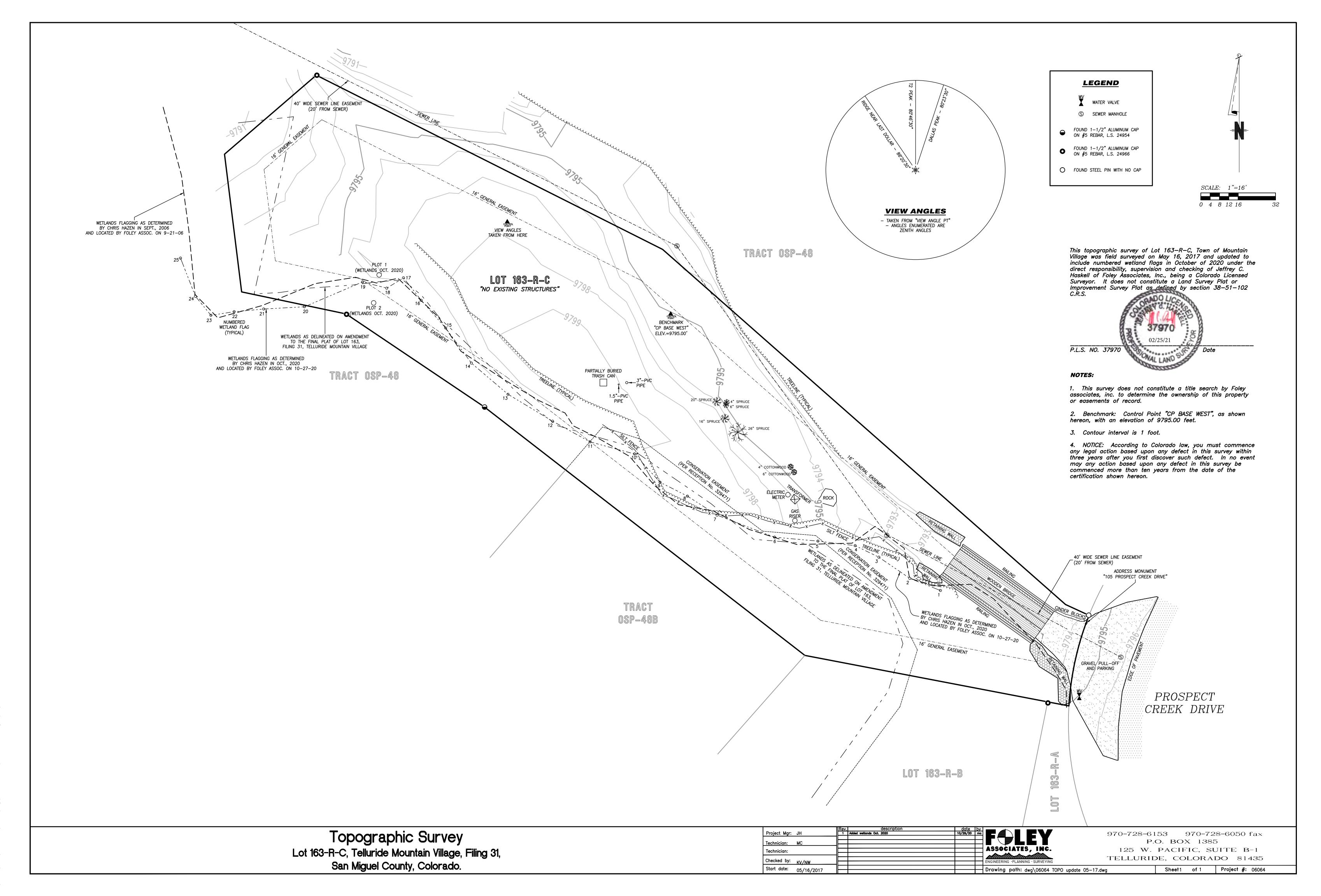
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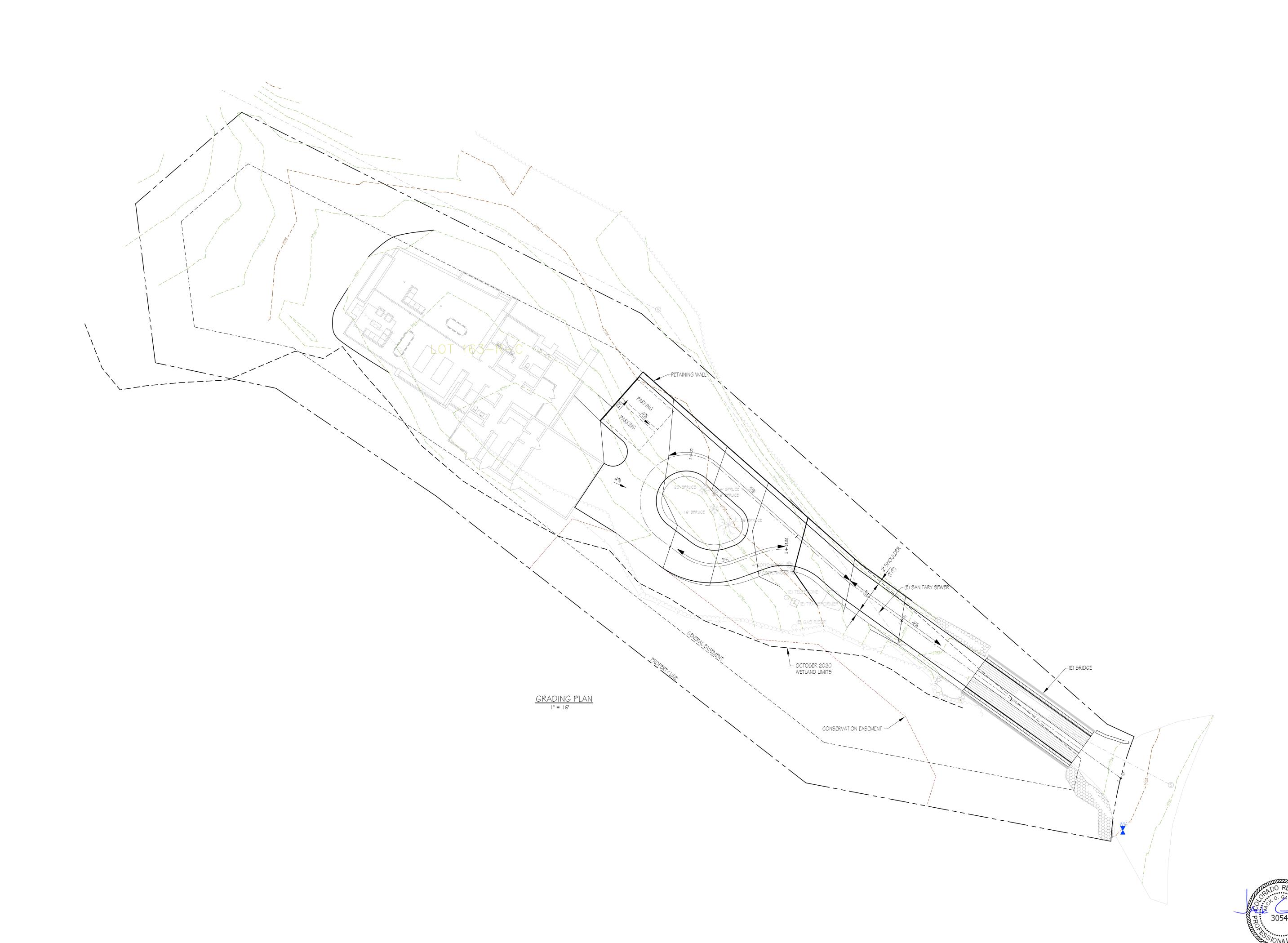
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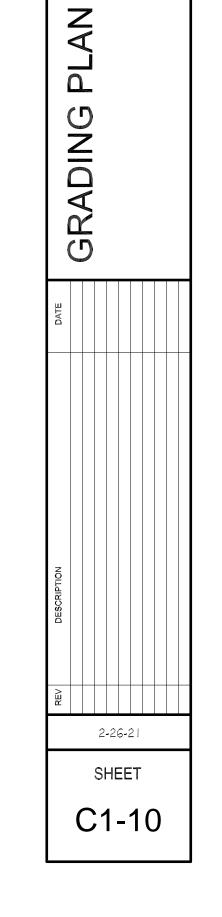
General Notes

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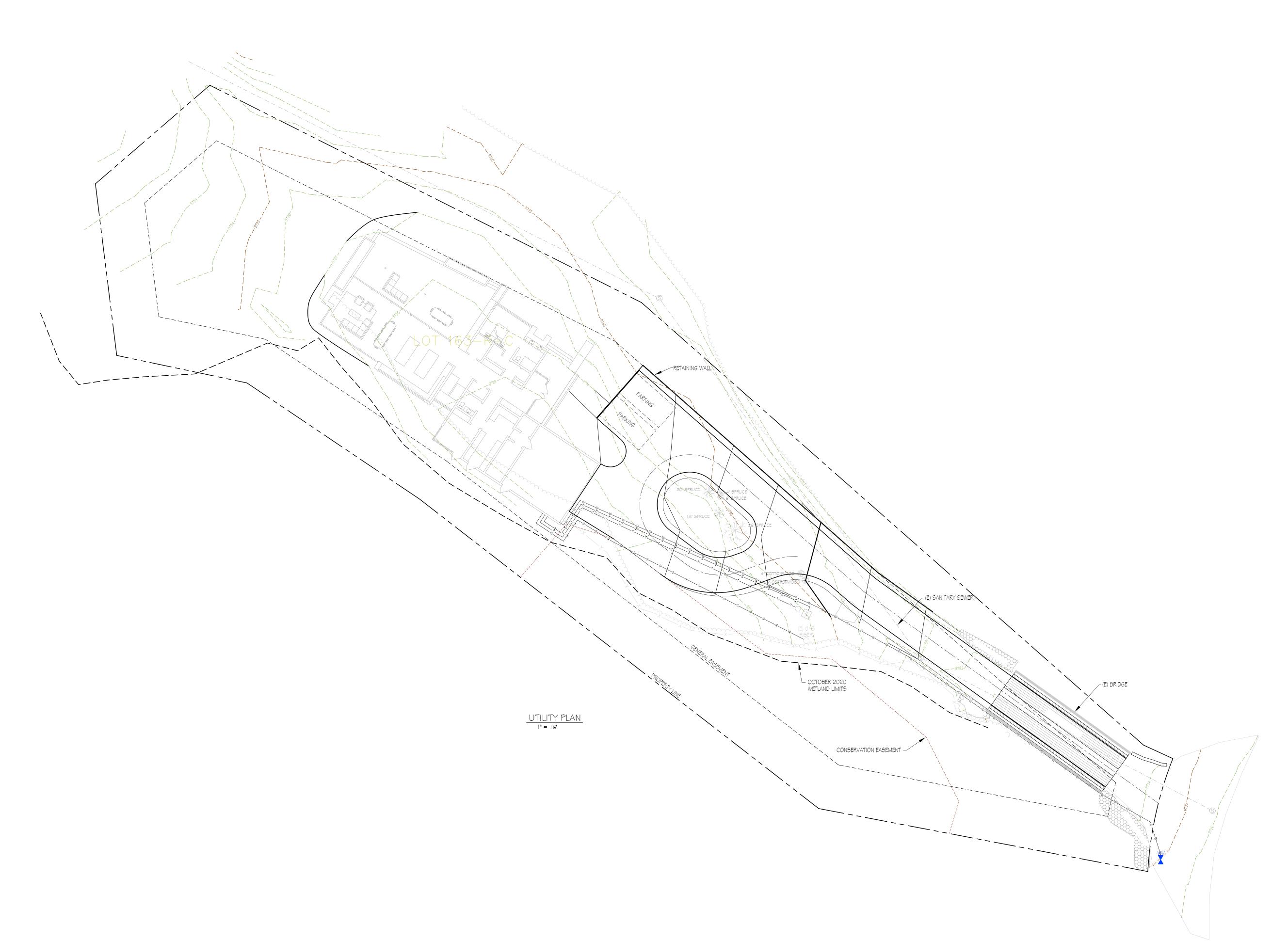


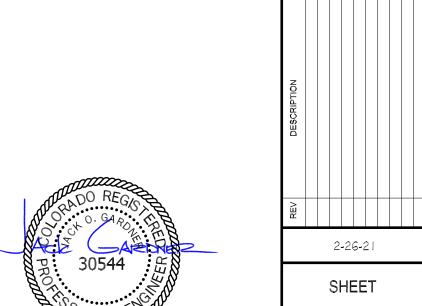


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Lot 163RC

Mountain Village, Colorado

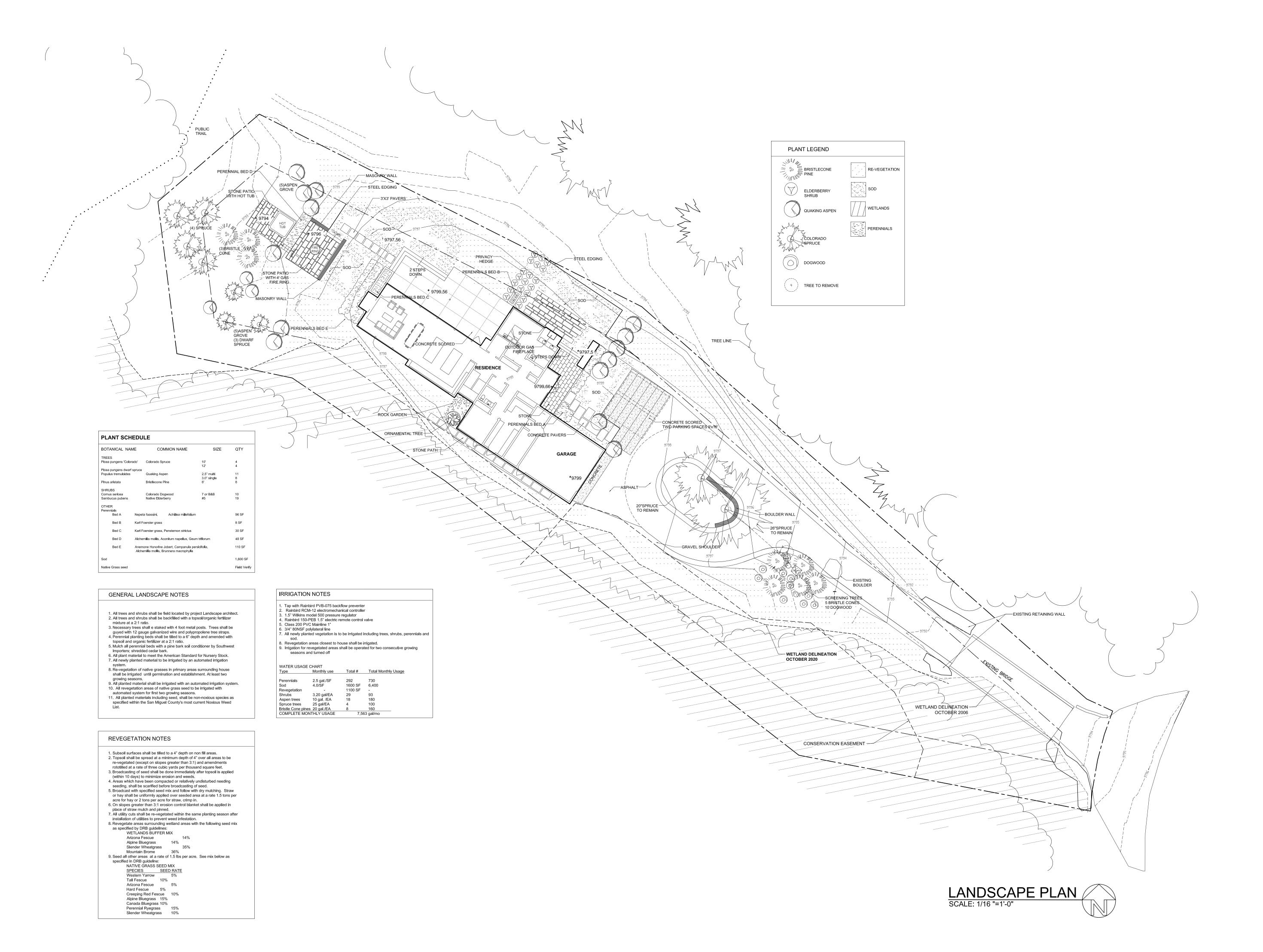




SPIEGEL RESIDENCE
Lot 163RC
Mountain Village, Colorado

DESCRIPTION DATE

SHEET C1-20



旧る用し 不用く Lot 163 RC

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REVISION:

DATE:

MARCH 08 2021

MARCH 08 2021

LANDSCAPE PLAN

L1-10



Sherab Kloppenburg sherab@sk4designs.com

ARCHITECT OF RECORD:
TURKLEL
617 868 1867
TURKELDESIGNS.COM

Щ Э

Lot 163 RC

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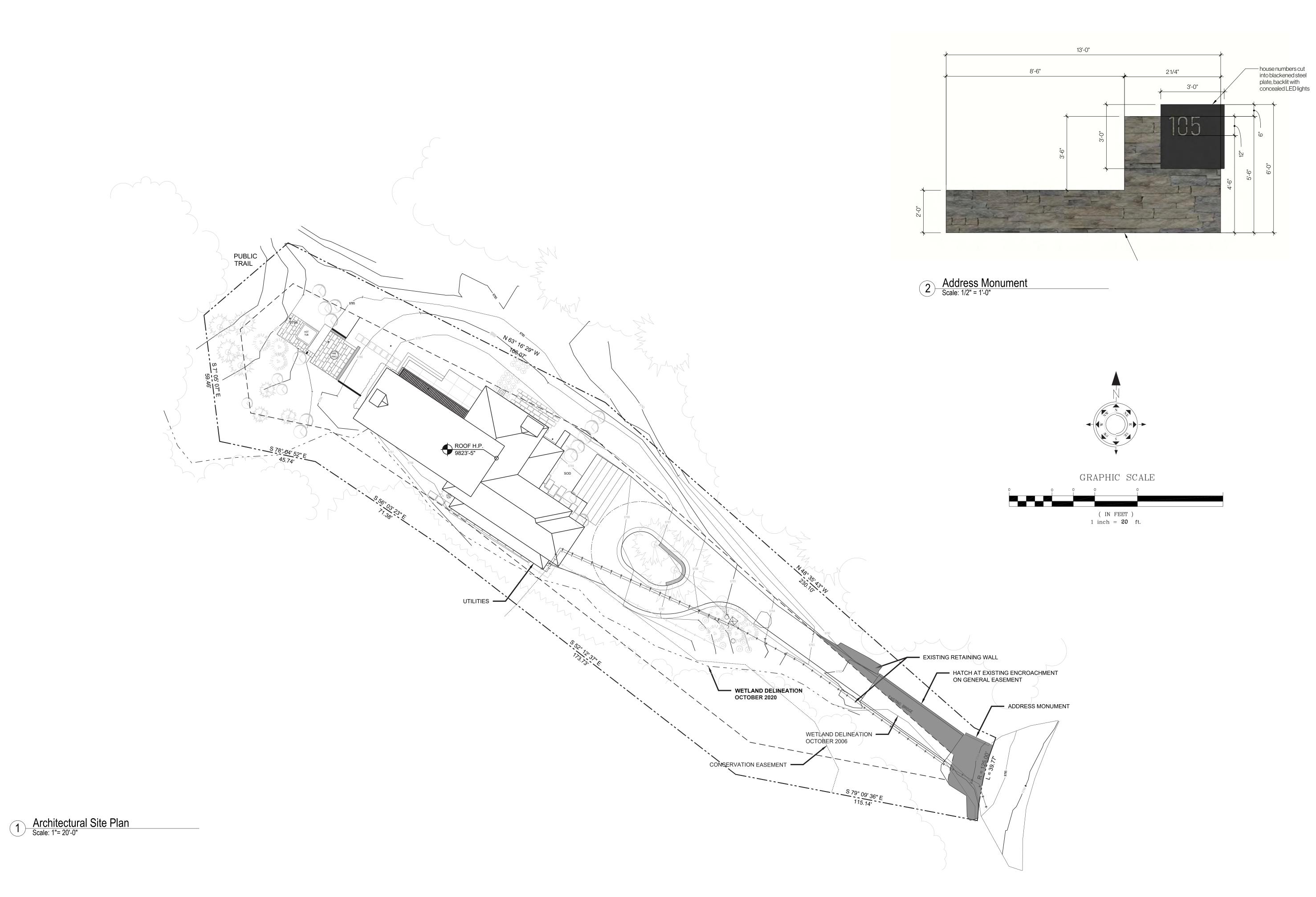
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DATE:

DATE
MARCH 08 2021

FIRE MITIGATION

L1-20





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Revision Schedule

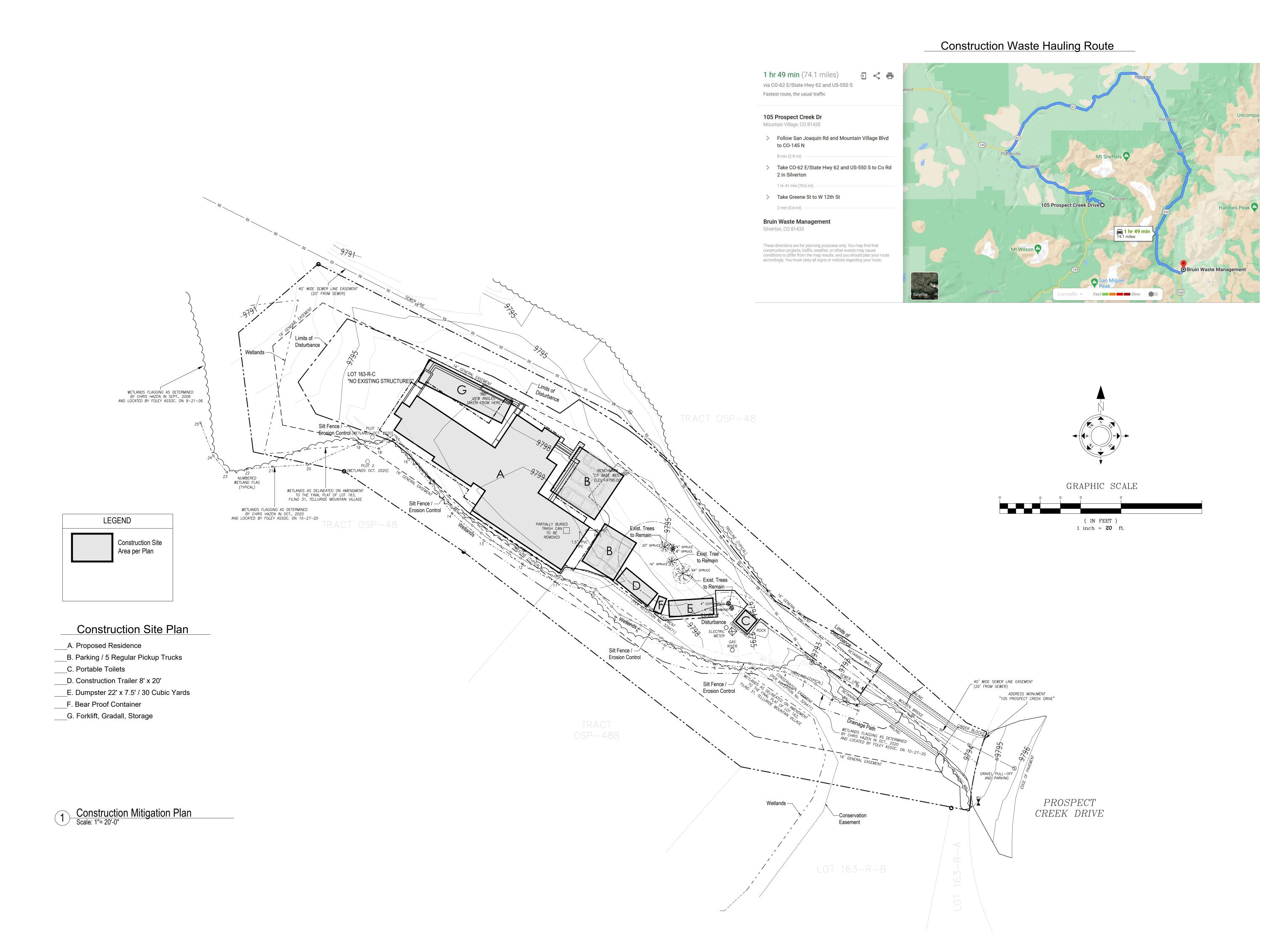
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Architectural Site Plan

A1-10





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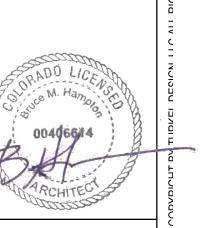
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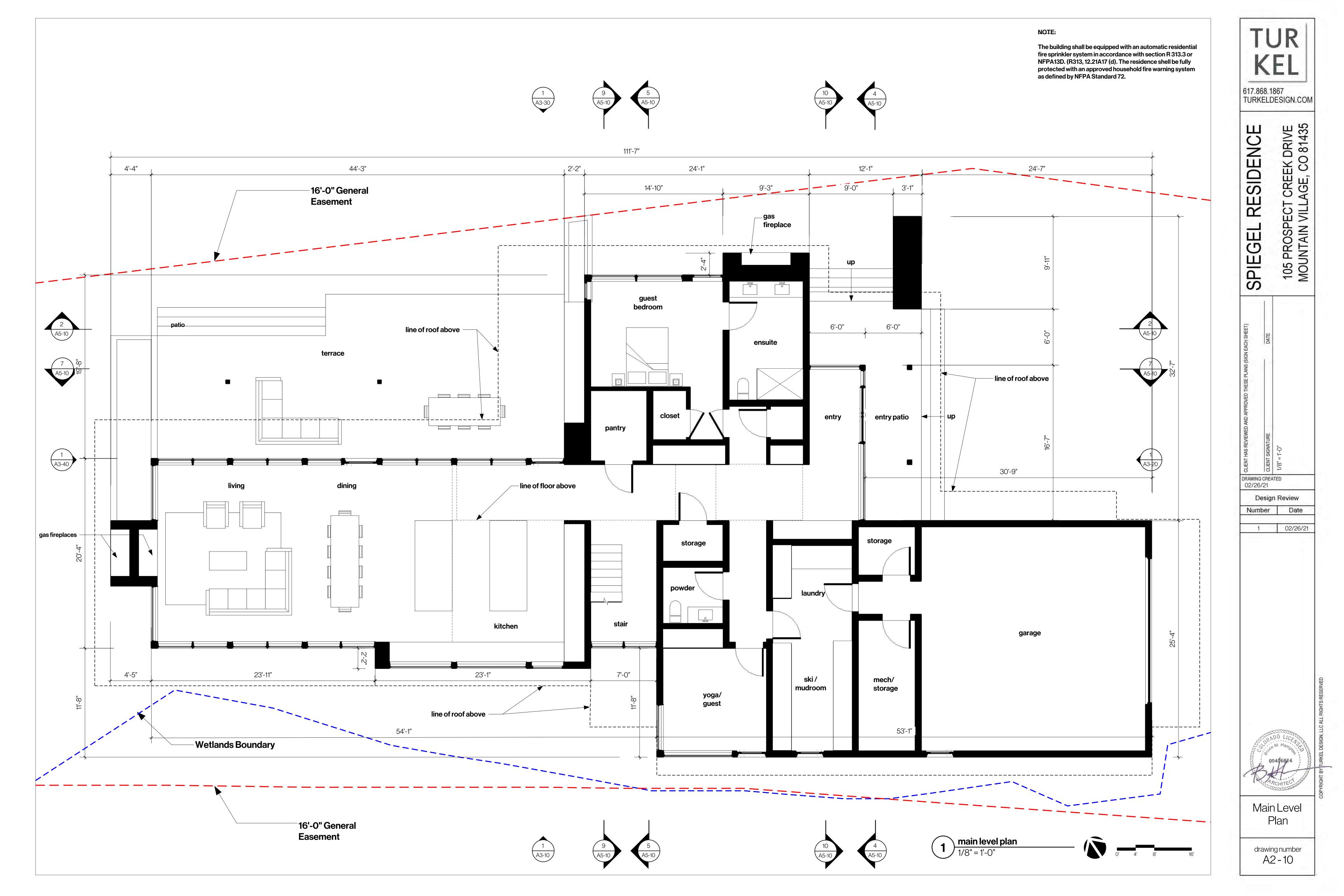
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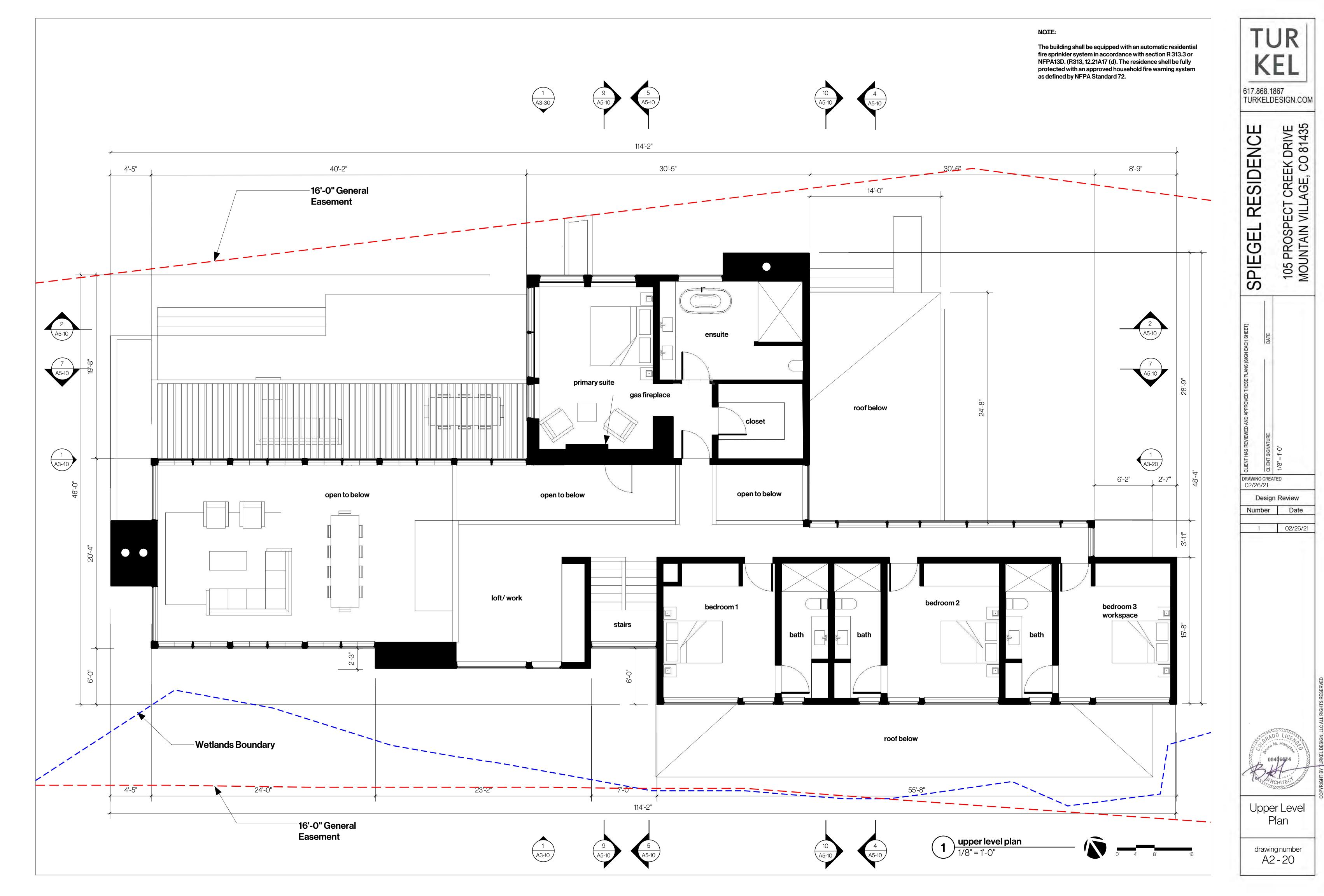
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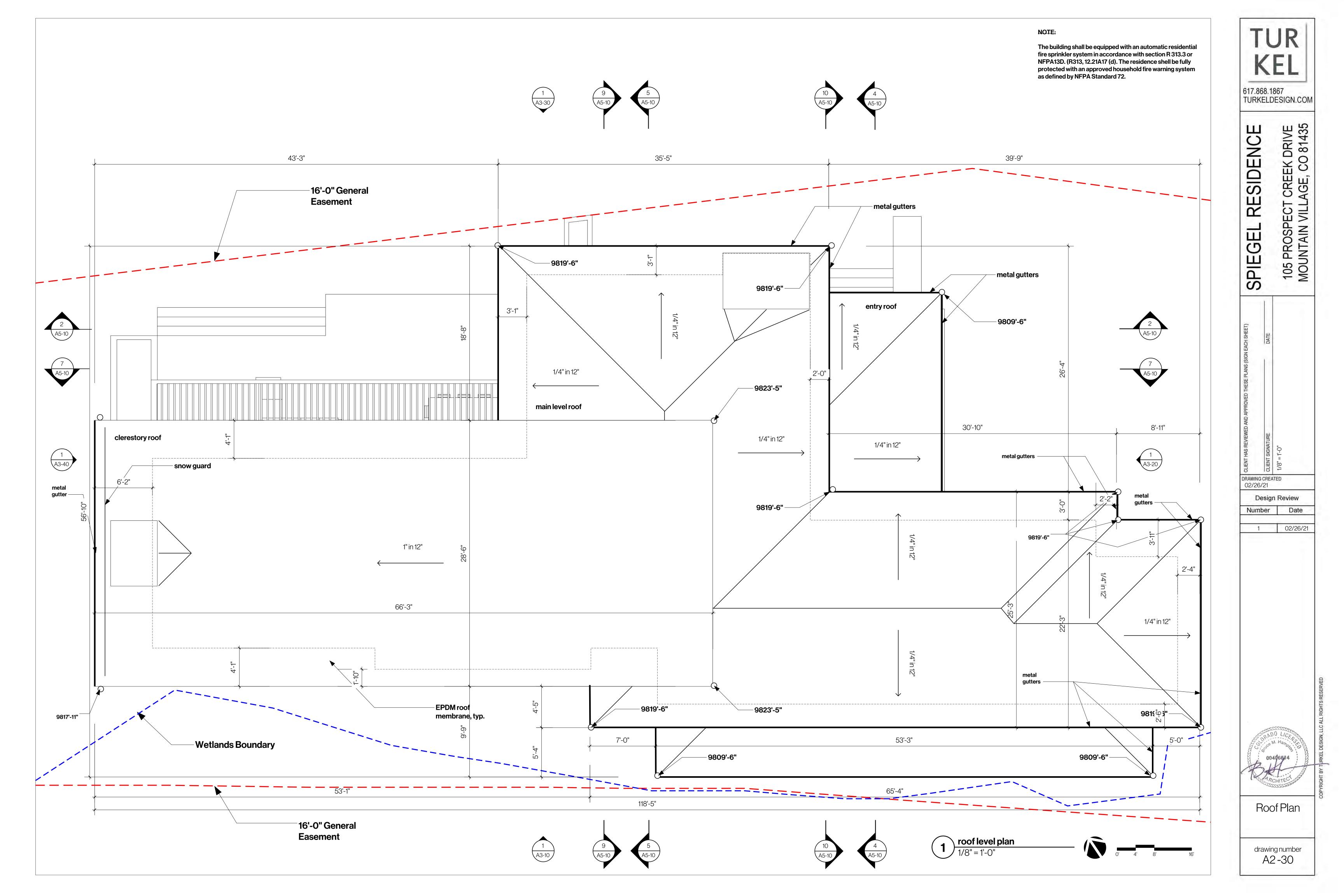


Construction
Mitigation Plan

A1-20









wood cladding: 1x6tongueand groove thermally modified hemlock, prefinished



stone cladding: telluride stone "mont blanc" (thin stone veneer) - 2/4" to 11/2" thickness



window cladding: aluminum, bronze powder-coat finish



steel structure: trim 1: painted bronze finish painted bronze finish



trim 2: painted cocoa finish



beams: edge-matched glulam beams, clear



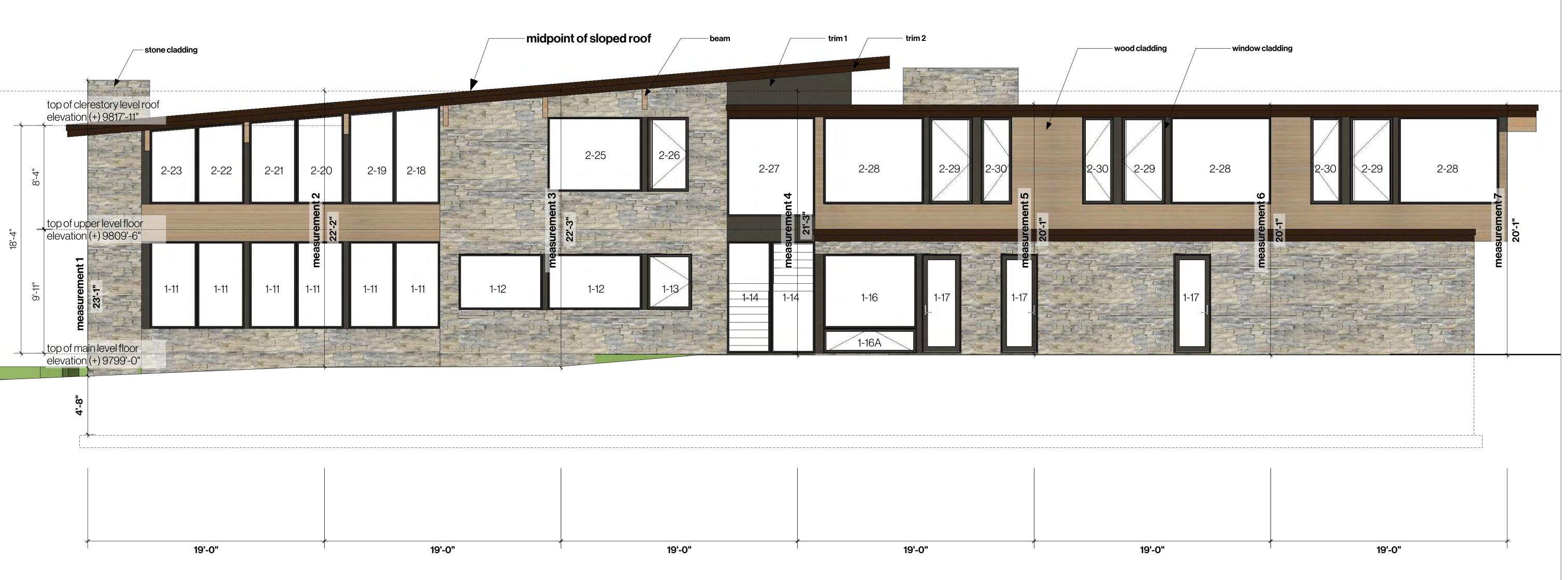
roof membrane: epdm

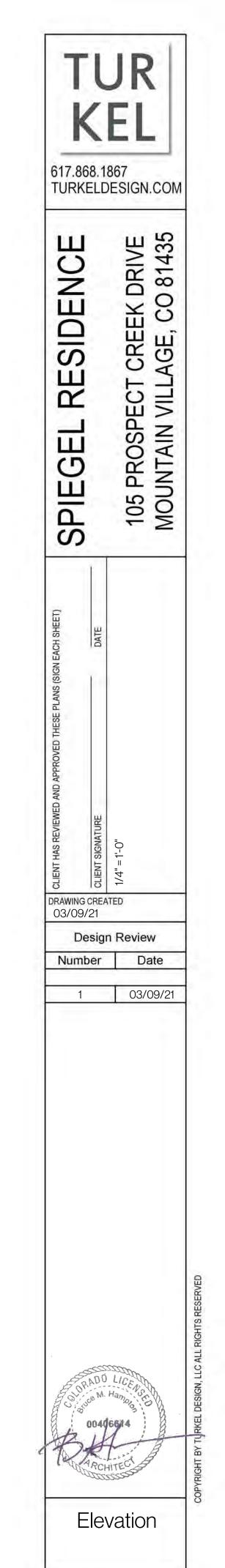
Average Height Calculations 23'-1" Measurement 1 22'-2" Measurement 2 22'-3" Measurement 3 Measurement 4 21'-3" 20'-1" Measurement 5 20'-1" Measurement 6 Measurement 7 20'-1" 148'-0" Total 21'-2" **Average**

southwest elevation
1/4" = 1'-0"

40'-0" height limit = maximum building height limit for gable, hip, gambrel or similar pitched roof

35'-0" height limit = maximum building height





drawing number A3-10



wood cladding: 1x6tongueand groove thermally modified hemlock, prefinished



stone cladding: telluride stone "mont blanc" (thin stone veneer) - 2/4" to 11/2" thickness



window cladding: steel structure: aluminum, bronze painted bronze finish powder-coat finish



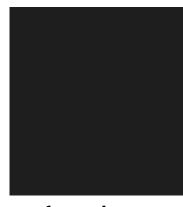
trim 1: trim 2:

painted bronze finish



painted cocoa finish





epdm

edge-matched glulam beams, clear roof membrane:

Average Height Calculations 10'-1" Measurement 1 24'-0" Measurement 2 25'-0" Measurement 3 25'-0" Measurement 4 84'-1" Total 21'-0" Average

40'-0" height limit = maximum building height limit for gable, hip, gambrel or similar pitched roof

35'-0" height limit = maximum building height



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Number 1		Date 03/09/21	
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Elevation

drawing number A3-20



wood cladding: 1x6tongueand groove thermally modified hemlock, prefinished



stone cladding: telluride stone "mont blanc" (thin stone veneer) - 2/4" to 11/2" thickness



window cladding: aluminum, bronze powder-coat finish



steel structure: trim 1: painted bronze finish painted bronze finish



trim 2: painted cocoa finish



beams: edge-matched glulam beams, clear



roof membrane:

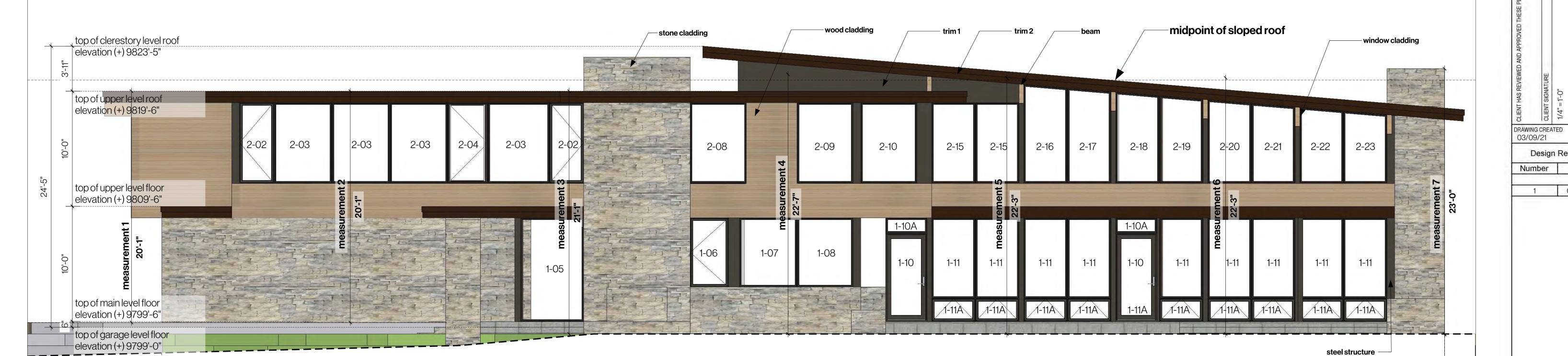
epdm

20'-1" Measurement 1 20'-1" Measurement 2 21'-1" Measurement 3 22'-7" Measurement 4 22'-3" Measurement 5 22'-3" Measurement 6 Measurement 7 23'-0" Total 151'-4" 21'-6" **Average**

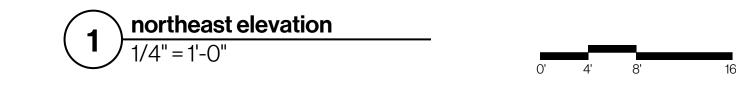
Average Height Calculations

40'-0" height limit = maximum building height limit for gable, hip, gambrel or similar pitched roof

35'-0" height limit = maximum building height



19'-0" 19'-0" 19'-0" 19'-0" 19'-0" 19'-0"





RESIDENCE

SPIEGEL

03/09/21

Design Review

Number Date

Elevation

drawing number A3-30

03/09/21

105 PROSPECT CREEK DRIVE MOUNTAIN VILLAGE, CO 81435



wood cladding: 1 x 6 tongue and groove thermally modified hemlock, prefinished



stone cladding: telluride stone "mont blanc" (thin stone veneer) - 2/4" to 11/2" thickness



window cladding: statement aluminum, bronze powder-coat finish



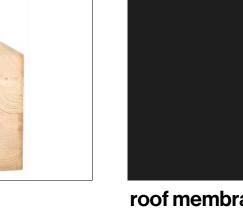
steel structure: trim 1:
painted bronze finish painted bronze finish



painted cocoa finish

trim 2:

beams:



beams: roof membrane: edge-matched epdm glulam beams, clear

Average	21'-5"
	85'-7"
Measurement 4	11'-1"
Measurement 3	25'-0"
Measurement 2	25'-0"
Measurement 1	24'-6"

40'-0" height limit = maximum building height limit for gable, hip, gambrel or similar pitched roof 35'-0" height limit = maximum building height stone cladding roof membrane window cladding top of clerestory level roof top of clerestory level roof, elevation (+) 9823'-5" elevation (+) 9823'-5" top of upper level roof elevation (+) 9819'-6" top of upper level roof elevation (+) 9819'-6" 2-12 2-13 wood cladding 2-24 2-24 top of upper level floor elevation (+) 9809'-6" top of upper level floor elevation (+) 9809'-6" 1-12 1-15 top of main level floor top of main level floor elevation (+) 9799'-6" elevation (+) 9799'-6" top of garage level floor top of garage level floor — — — — elevation (+) 9799'-0" elevation (+) 9799'-0" 18'-0" 18'-0" 18'-0"



105 PROSPECT CREEK DRIVE MOUNTAIN VILLAGE, CO 81435

RESIDENCE

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DRAWING CREATED 03/09/21

Design Review

Number Date

Elevation

drawing number A3 - 40

03/09/21

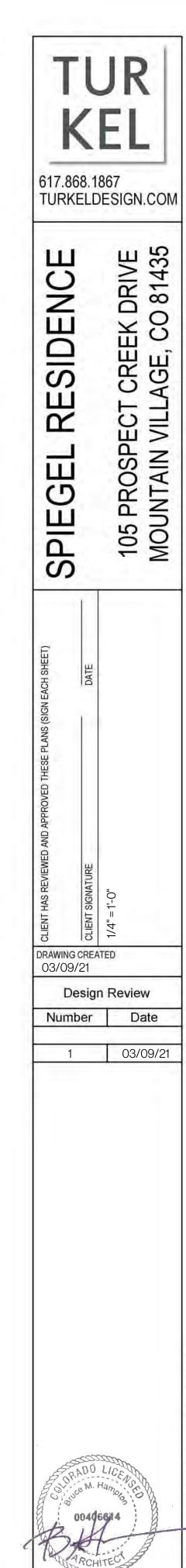
verage	21'-2"
otal	148'-0"
leasurement 7	20'-1"
leasurement 6	20'-1"
leasurement 5	20'-1"
Measurement 4	21'-3"
leasurement 3	22'-3"
1easurement 2	22'-2"
Measurement 1	23'-1"

Average	21'-3"
Total	85'-1"
Northwest Elevation	21'-5"
Northeast Elevation	21'-6"
Southeast Elevation	21'-0"
Southwest Elevation	21'-2"

Average Height Calculations: Southeast Elevation	on
Measurement 1	10'-1"
Measurement 2	24'-0"
Measurement 3	25'-0"
Measurement 4	25'-0"
Total	84'-1"
Average	21'-0"

Average	21'-6"
Total	151'-4"
Measurement 7	23'-0"
Measurement 6	22'-3"
Measurement 5	22'-3"
Measurement 4	22'-7"
Measurement 3	21'-1"
Measurement 2	20'-1"
Measurement 1	20'-1"

Measurement 1	24'-6"
Measurement 2	25'-0"
Measurement 3	25'-0"
Measurement 4	11'-1"
Total	85'-7"
Average	21'-5"



Av. Ht Calc

drawing number A4 - 10



Material Calculations

1. Southwest Elevation

2. Section A

3. Southeast Elevation

4. Section B

5. Section C

6. Northeast Elevation

7. Section D

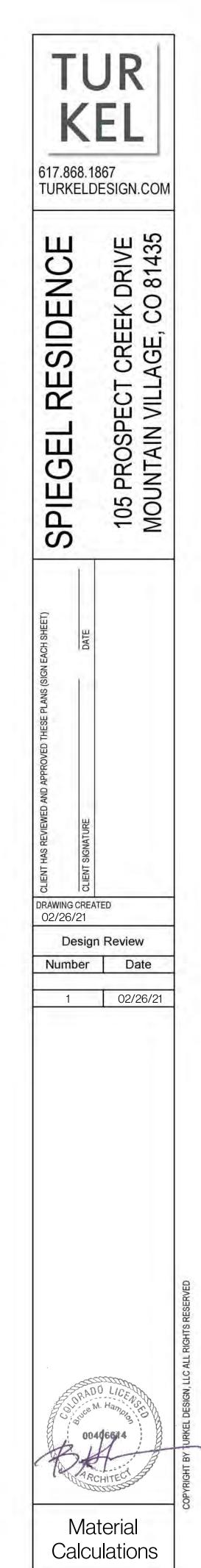
9. Section E

8. Northwest Elevation

10. Section F

Totals

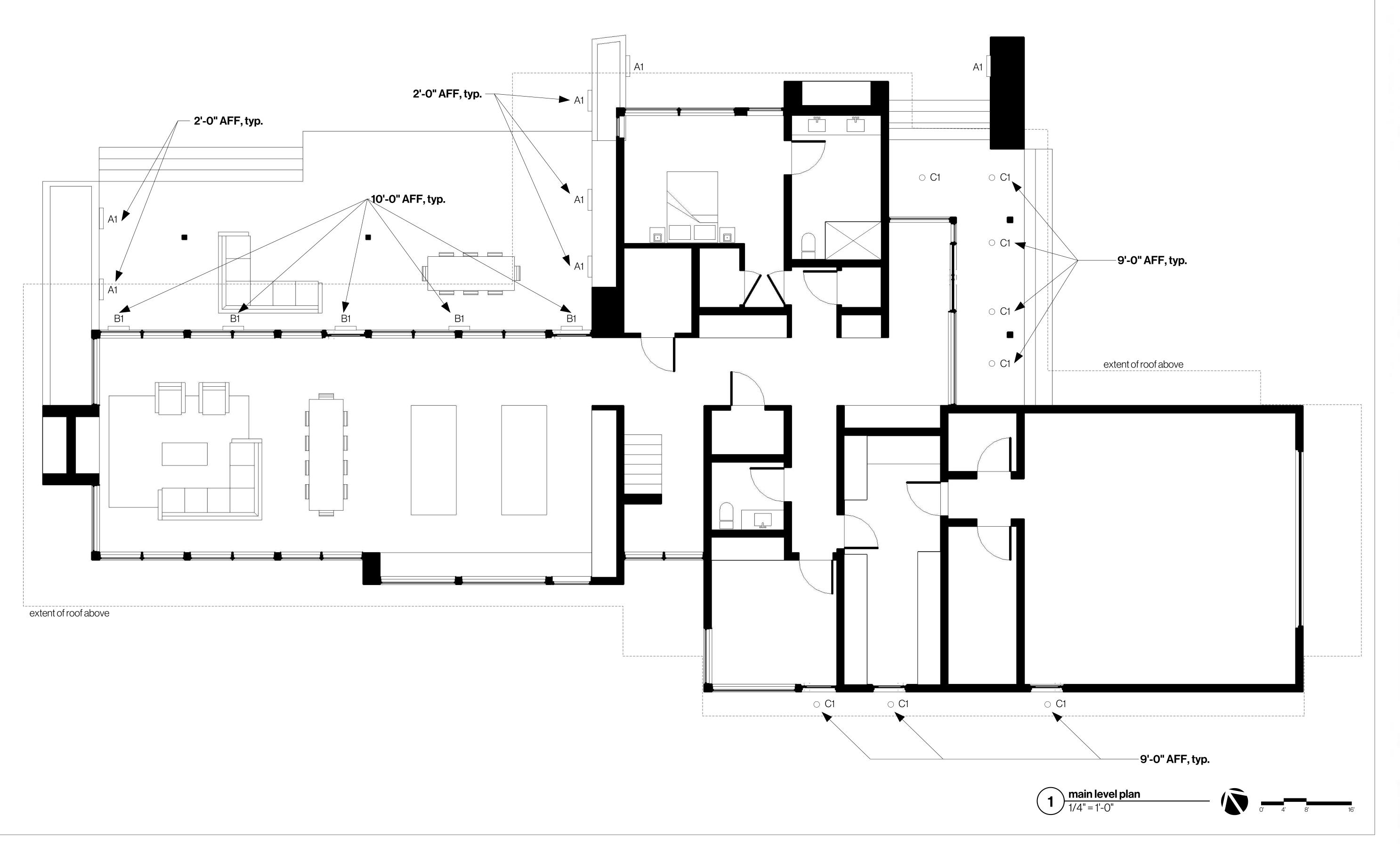
Percentage



drawing number A5 - 10

LIGHTING SCHEDULE

Mark	Туре	Manufacturer	Model	Model Number	Finish	Lamp	Temperature	Wattage	Lumens
A1	Step	Kuzco	Sonic	ER3003-BK	Black	LED	3000K	3W	250
B1	Sconce	Modern Forms	Square	WS-W38608-BK	Black	LED	3000K	11W	391
C1	Recessed In-Ceiling	aspectLED	Ultra-Thin	AL-RL-UTR-4-N-WW-BK	Black	LED	3000K	6W	670

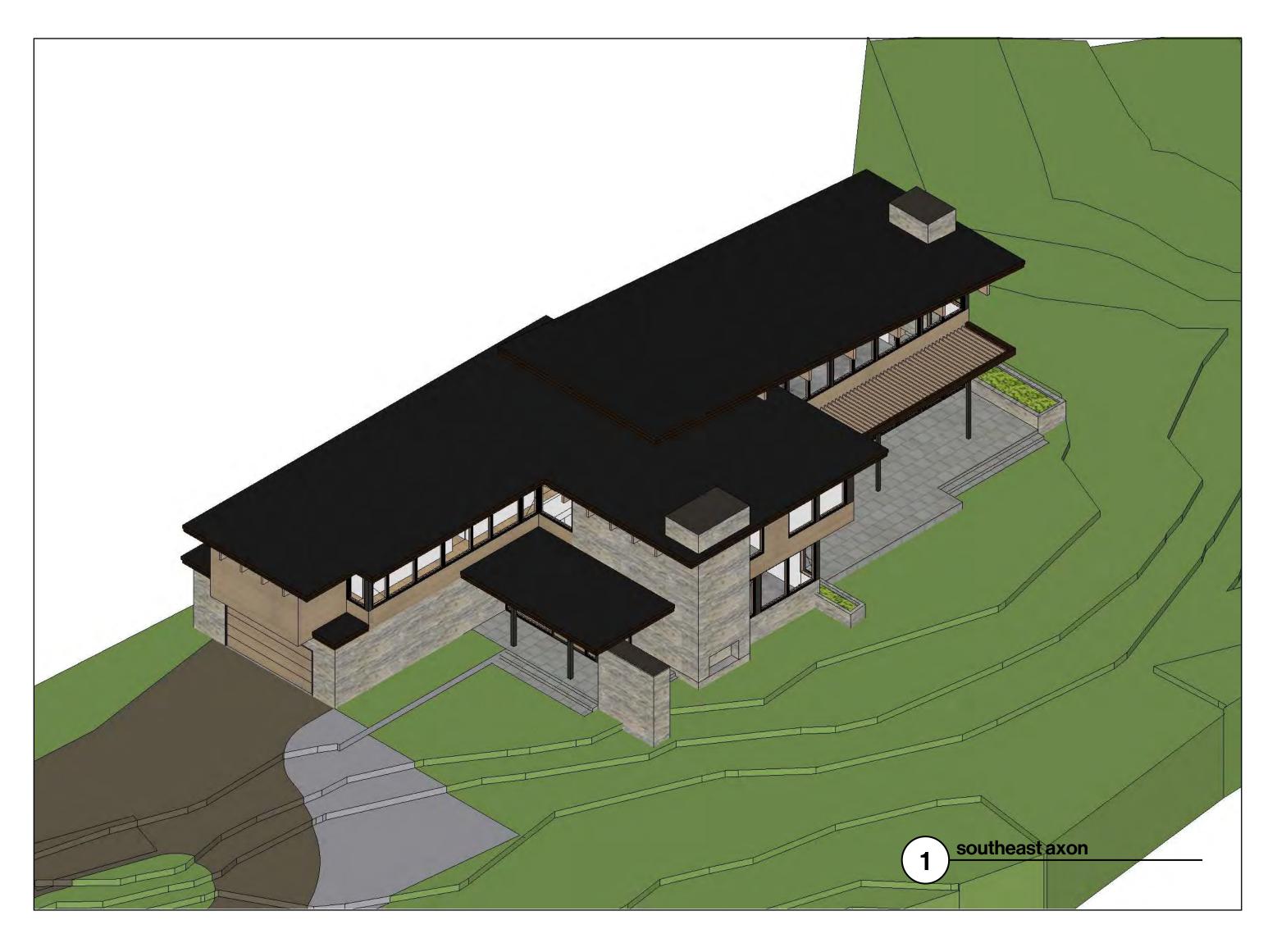




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Nun	nber	Date
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	ORAL OVICE	M. Hamologico

Lighting Plan

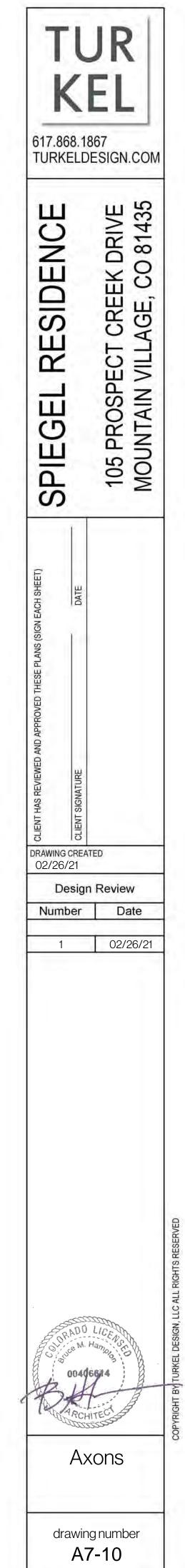
drawing number A6 - 10











WINDOW SCHEDULE

Level	Mark	Туре	Width	Height	Cladding Material	Finish	Glass Type
					<u> </u>		
Main	1-01	Garage Door	16'-0"	7'-0"	Aluminum	Bronze	N/A
Main	1-02	Fixed	8'-55/8"	9'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-03	Double Door	6'-0"	9'-0"	Wood	Clear	N/A
Main	1-04	Fixed	1'-10"	9'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-05	Fixed	5'-6"	9'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-06	Casement	3'-4"	6'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-07	Fixed	5'-0"	6'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-08	Fixed	4'-10 1/2"	6'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-09	Casement	2'-1"	6'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-10	Door	3'-6"	7'-6"	Aluminum	Bronze	IG Low E II with Argon
Main	1-10A	Transom	3'-6"	1'-6"	Aluminum	Bronze	IG Low E II with Argon
Main	1-11	Fixed	3'-91/2"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-11A	Awning	3'-91/2"	2'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-12	Fixed	6'-9"	4'-6"	Aluminum	Bronze	IG Low E II with Argon
Main	1-13	Casement	3'-7"	4'-6"	Aluminum	Bronze	IG Low E II with Argon
Main	1-14	Fixed	3'-61/2"	9'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-15	Fixed	5'-0"	6'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-15A	Awning	5'-0"	2'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-16	Fixed	7'-6"	6'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-16A	Awning	7'-6"	2'-0"	Aluminum	Bronze	IG Low E II with Argon
Main	1-17	Door	3'-0"	8'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-01	Fixed	3'-4"	1'-2"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-02	Casement	3'-0"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-03	Fixed	5'-0"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-04	Casement	3'-6"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-05	Fixed	3'-3"	7'-0"	Aluminum	Bronze	IG Low E II with Argon

Level	Mark	Туре	Width	Height	Cladding Material	Finish	Glass Type
Upper	2-06	Fixed	6'-0"	/'-U"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-07	Fixed	3'-10"	1'-4"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-08	Fixed	4'-10 1/2"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-09	Fixed	4'-10 1/2"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-10	Fixed	4'-10 1/2"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-11	Fixed	4'-10 1/2"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-12	Fixed	4'-10 1/2"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-13	Casement	3'-9"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-15	Fixed	3'-91/2"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-16	Fixed	3'-91/2"	8'-7"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-17	Fixed	3'-91/2"	8'-31/2"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-18	Fixed	3'-91/2"	7'-11"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-19	Fixed	3'-91/2"	7'-71/2"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-20	Fixed	3'-91/2"	7'-3"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-21	Fixed	3'-91/2"	6'-11 1/2"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-22	Fixed	3'-91/2"	6'-7"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-23	Fixed	3'-91/2"	6'-31/2"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-24	Fixed	6'-0"	4'-91/2"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-25	Fixed	7'-7"	6'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-26	Casement	3'-4"	6'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-27	Fixed	7'-1"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-28	Fixed	8'-1"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-29	Casement	3'-6"	7'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-29A	Fixed	3'-6"	2'-0"	Aluminum	Bronze	IG Low E II with Argon
Upper	2-30	Casement	2'-6"	7'-0"	Aluminum	Bronze	IG Low E II with Argon



SPIEGEL RESIDENCE
105 PROSPECT CREEK DRIVE
MOUNTAIN VILLAGE, CO 81435

CLIENT HAS REVIEWED AND APPROVED THESE PLANS (SIGN EACH SHEET)

SO SO SIGN EACH SHEET)

CLIENT SIGNATURE

DATE

Design Review

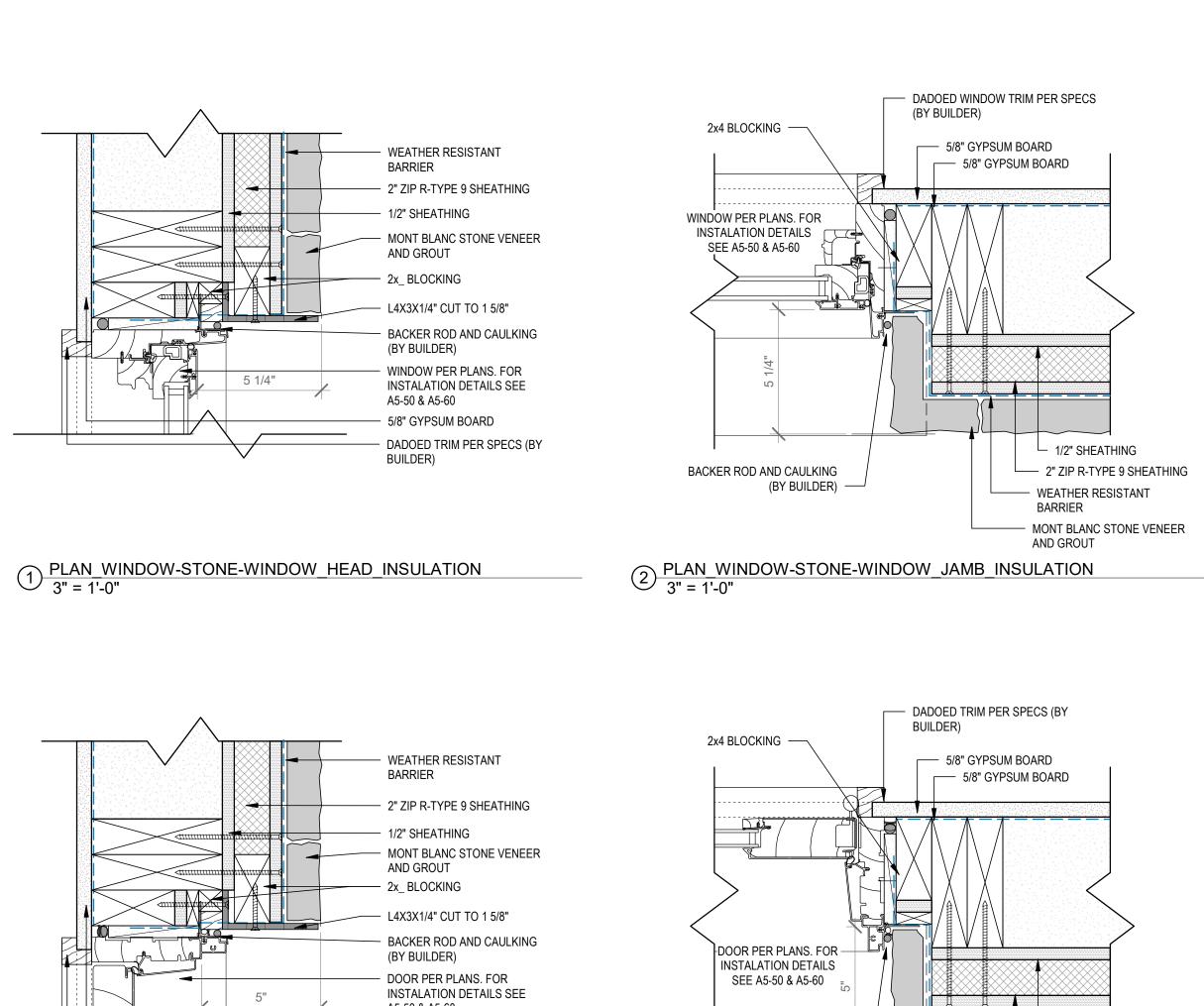
Number Date

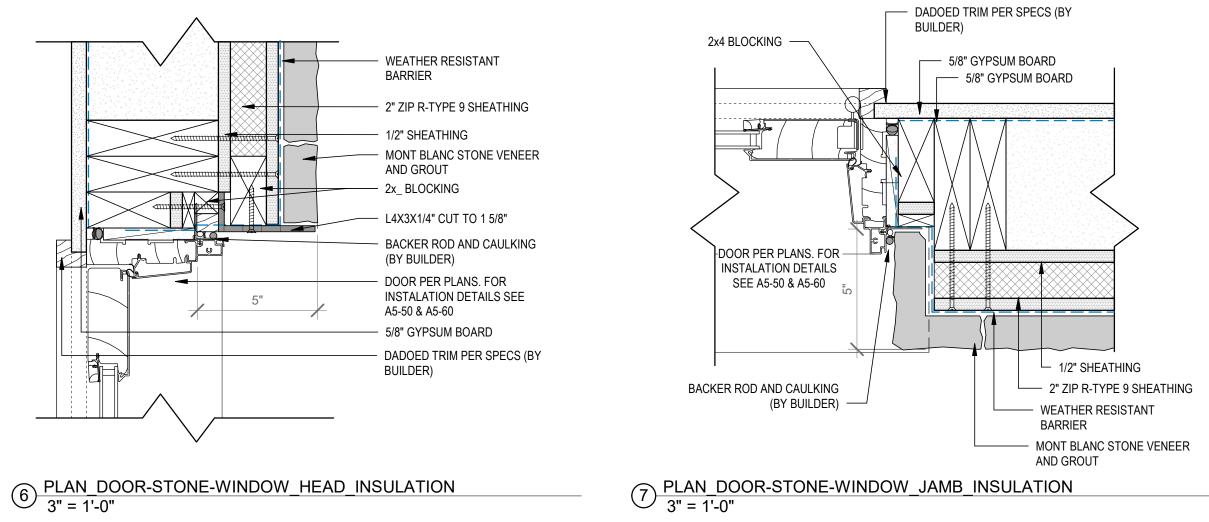
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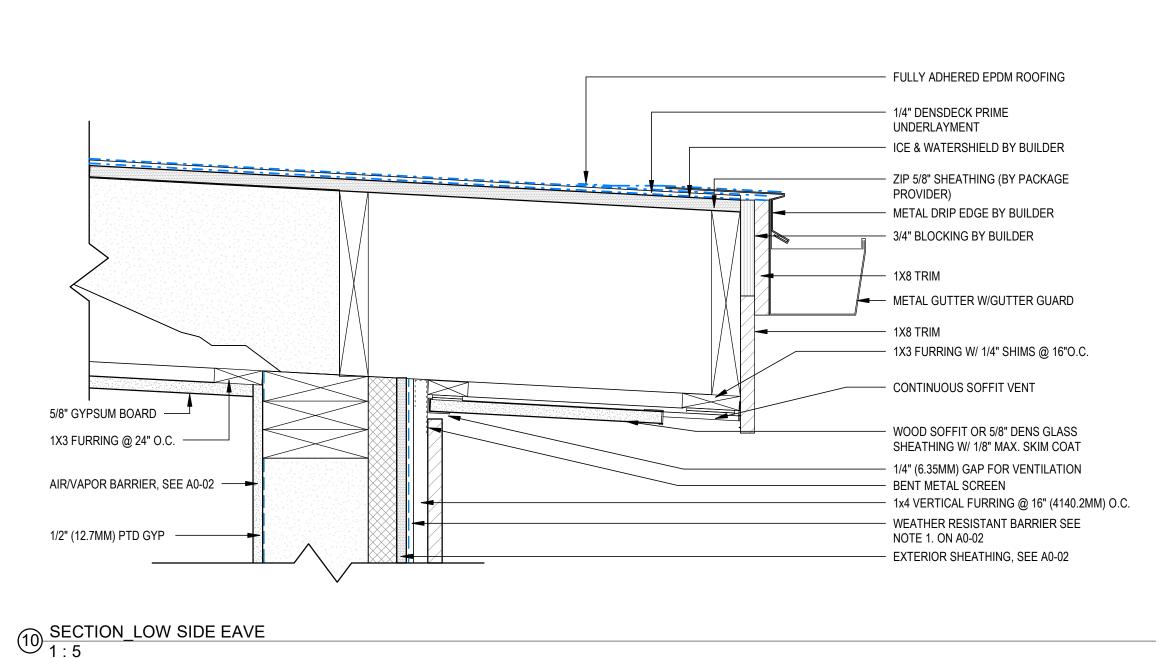
ORADO LICE ORADO LICE M. Hamong O04/66/4

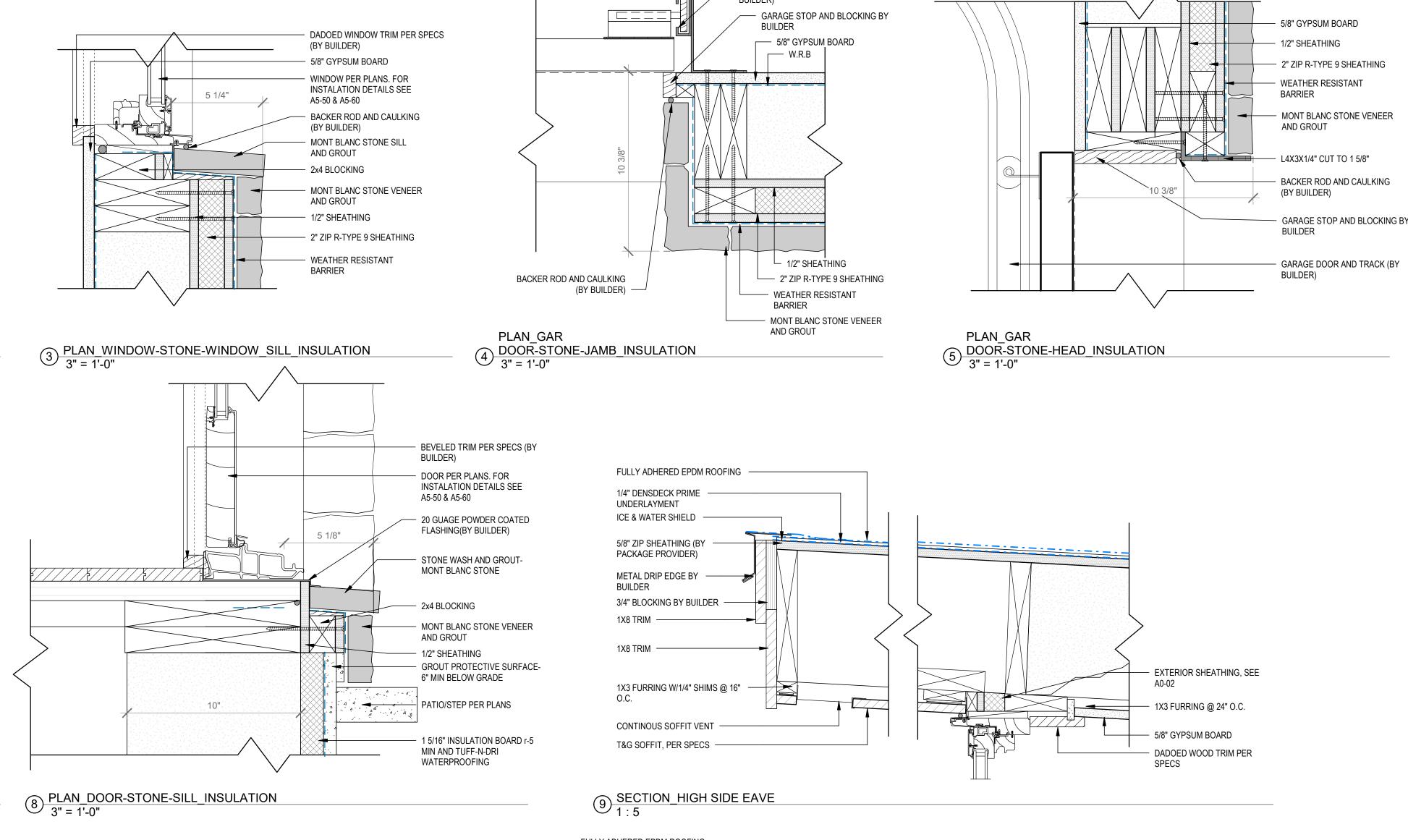
Window Schedule

drawing number A8-10

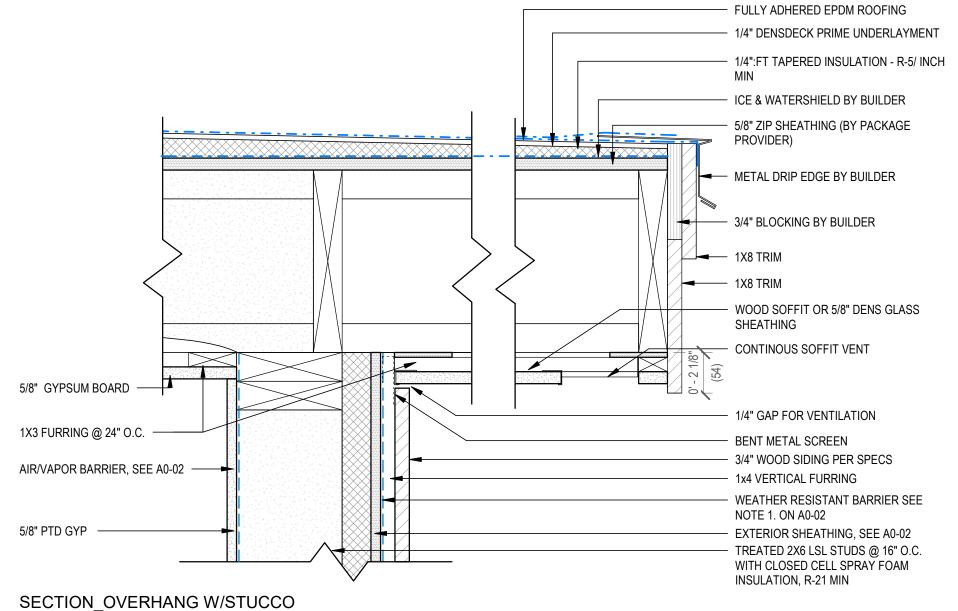








GARAGE DOOR AND TRACK (BY



NOTE:

Per CDC Section 17.7.12, C., 7., c., a HERS rating of 60 or lower will be achieved, and per the Smart Building Program objectives, effort to lower the HERS rating to the extent possible will be made.

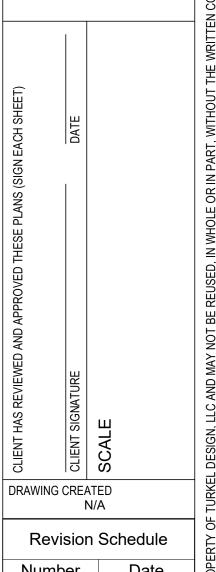
Per CDC Section 17.7.12, C., 7., I., wall assemblies will be designed so that headers will be insulated full open depth, and framed corners will be insulated.



617.868.1867 TURKELDESIGN.COM

RESIDENC SPIEGEL

105 PROSPECT CREEK DRIVE MOUNTAIN VILLAGE, CO 81435



Number 02.26.21

EXTERIOR FINISH

DETAILS

DRAWING NUMBER

A9-10







4.75" Ultra-Thin Recessed In-ceiling Light - 6 Watt (45 Watt Equivalent)

MODEL: AL-RL-UTR-4

DESCRIPTION

aspectLED's Ultra-Thin series of recessed lights are bright, energy efficient, attractively styled, and designed to fit into the tightest of spaces, making them perfect for virtually any residential or commercial application.

At under 1" tall, these recessed can lights can fit into tight spaces that a traditional recessed can light can't, such as ceilings with ductwork/piping/obstructions, hot-roof ceilings with limited vertical clearance, and tight soffits.

This 6 Watt light puts out the equivalent brightness to a standard incandescent 45 Watt light.

CERTIFICATIONS





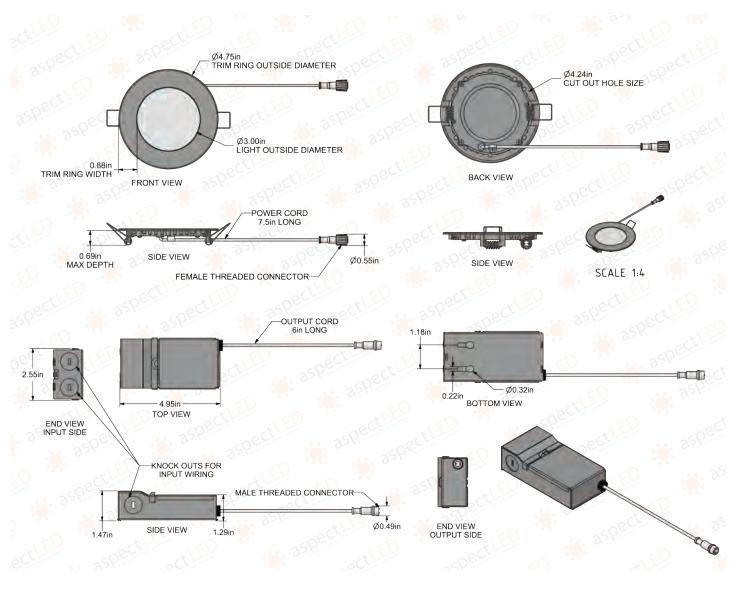




PHYSICAL DIMENSIONS + SPECIFICATIONS

Light Fixture Dimensions	4-3/4" (121mm) diameter, 11/16" (18mm) tall
Light Trim Dimensions	7/8" (22mm) wide
Interior Lens Dimensions	3" (78mm) diameter
External LED Driver Dimensions	2-9/16" (65mm) Wide, 4-15/16" (126mm) Long, 1-1/2" (37mm) tall
Cut-Out Hole Size	4-1/4" (105mm) diameter
LED Driver Input Voltage	120VAC
Dimmable	Available in dimmable and non-dimmable
Nominal Power Consumption	6 Watts
Max Luminous Flux of LED Array	Up to 670 Lumens (may vary based on LED color choice)
Beam Angle	120 Degrees
Equivalency	45 Watts Incandescent/Halogen
LED Type	High power SMD 2835 LEDs
Housing Color	White; Optional powder coated Satin Nickel, Dark Bronze, Brass, or Black
Fixture Material	Die Cast Aluminum Housing
Weight	0.8 lbs
Estimated Lifespan	Up to 50,000 hours
Warranty	3 Years
IC Rated	IC Rated for direct contact with insulation
Suitable Uses	Dry, Damp or Wet Locations
Standards/Certifications	UL Listed, cUL Listed, RoHS

DIMENSIONS



SKU BUILDER



4.75" Ultra-Thin Recessed In-ceiling Light - 6 Watt (45 Watt Equivalent)

ACCESSORIES

Rough-In Plate/Bracket for Ultra-Thin Recessed LED Light SKU: AL-RL-RP-U4	
Extension Cable for Recessed LED Light SKU: AL-RL-EXT	
Foam Gasket for Ultra-Thin Recessed LED Lights (1 Gasket) SKU: AL-RL-UT-GSK1-4	
Eaton TAL06P1 Dimmer Switch SKU: AL-CTLR-DIMSW-TAL06P1	
Lutron Skylark SELV-300P Dimmer Switch SKU: AL-CTLR-DIMSW-SELV300P	

PHOTOMETRICS

^{*}Neutral white tested. Light output may vary by color temperature.

Beam Dia at 50% CBCP (inches)	Field Dia at 10% CBCP (inches)	Foot-candles at center beam	Lux at center beam	Distance from fixture
29.0"	71.0"	34.7	373.5	2ft
45.0"	102.0"	14.8	159.3	3ft
58.0"	148.0"	8.2	88.3	4ft
74.0"	184.0"	5.3	57.5	5ft
100.0"	243.0"	3.7	39.8	6ft
133.33"	326.0"	2.2	23.7	8ft

STEP LIGHTS





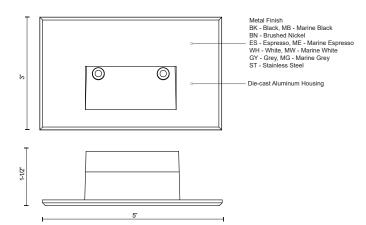
SPECIFICATION DETAILS

* For custom options, consult factory for details.

Fixture Dimensions	W5" x H3" x E1-1/2"
Light Source	LED
Wattage	3W
Total Lumens	250lm
Delivered Lumens	BK-26lm; BN-24lm; WH-76lm;
Voltage	120V
Color Temperature	3000K
CRI (Ra)	>90
Optional Color Temps	2700K - 5000K Available, Minimum Order Quantities Apply
LED Rated Life	50,000 hours
Dimming	100% - 10%, ELV Dimmer (Not Included)
Diffuser Details	Glass diffuser
Location	Wet
Warranty	5 Years
ADA Compliant	Yes

DESCRIPTION

A horizontal rectangle-shaped recessed light in matte black, white powder, or brushed nickel finish. The optically designed light control of Sonic's die cast Aluminum housing fully conceals the source. Ideal for step or courtesy light use. This fixture is rated for outdoor use but there is no reason it cannot be utilized indoors too. Fits into a single gang box.





19054 28TH AVENUE SURREY - BC V3Z 6M3 CANADA COMMENT







Fixture Type:

Catalog Number:

Project:

F 8" → 2%" F 10" → 2%"
8" 10" 10" → 10" → 2%"

WS-W38610

PRODUCT DESCRIPTION

Four equal sides and a stream of light. Square artfully provides geometry to wall surfaces in the daytime when mounted in multiples while providing safe illumination of pathways and dramatic visual intrigue in the evening. Perfect for wall grazing surfaces.

FEATURES

Weather-resistant powder coatNo transformer or driver needed

Dimmer: ELV

Rated Life: 50,000 hoursColor temp: 3000K277V options available

• CRI: 90

SPECIFICATIONS

Location:

Construction: Aluminum

Light Source: High output LED

WS-W38608

Finish: Black (BK), Bronze (BZ), Titanium (TT)

Standards: ETL & cETL Wet Location listed, CEC Title 24 Compliant,

ADA Compliant, IP65, Dark Sky friendly

ORDER NUMBER

Model	Width	Wattage	Voltage	LED Lumens	Delivered Lumens	Finish		
WS-W38608 WS-W38610	8" 10"	11W 18W	120V	391 700	373 630	BK BZ TT	Black Bronze Titanium	

Example: WS-W38608-BZ

For 277V special order, add an "F" before the finish: WS-W38608F-BZ



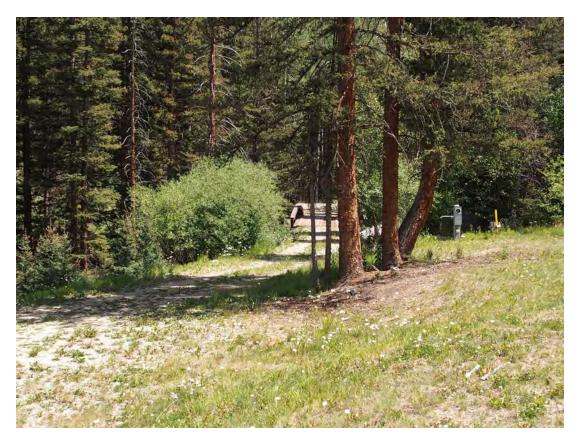
View of Lot 163R-C from Prospect Creek Drive at entry bridge



View from Lot 163R-C entry towards the northwest



View towards the northwest from the center of Lot 163R-C



View towards entry from center of Lot 163R-C



Typical view of perimeter vegetation at Lot 163R-C



View towards existing clearing at the northeast corner Lot 163R-C

Review comments by TOMV staff forester, Michael Otto

New Single Family home located at Lot 163RC, 105 Prospect Creek.

https://townofmountainvillage.com/site/assets/files/34871/163rc_website_and_referral_packet.pdf

Diversity of planting clause is not met. 8 bristlecone pine of 35 trees = 22-23%.

New Multi-Family Condo Building located at Lot 30, 98 Aspen Ridge.

https://townofmountainvillage.com/site/assets/files/34830/lot 30 dr and dtrz referral packet.pdf

A landscaping plan is not provided. Landscaping will be addressed in detail as part of the second design review.

A wildfire mitigation plan has not yet been provided. Because of the size of construction related to the size of the lot, zone 1 designation would extend onto adjacent open space.

Single Family Home located at Lot 165-7, 170 Cortina Drive.

https://townofmountainvillage.com/site/assets/files/34872/lot_165-7 website and referral packet.pdf

Wildfire mitigation plan and landscape plan are not included.

Single Family Home located at Lot 325, 430 Benchmark Drive.

https://townofmountainvillage.com/site/assets/files/34873/lot 325 website and referral packet.pdf

A landscape plan is not yet provided. It will be submitted with the Final Architecture Review plan. Because the primary goal of the landscape plan is to retain as much existing vegetation as possible, I would recommend exempting live Aspen removal from Zone 1 requirements.



TELLURIDE FIRE PROTECTION DISTRICT

Scott Heidergott, Fire Marshal

Address: Lot 163R-C Spiegel Residence Mountain Village, CO 81435

Architect: Turkel Design

- 1) The structure is over 3,600 sq ft and shall require a monitored sprinkler system.
- 2) A Fire Department connection (standpipe) shall be installed from the street side of the bridge to the structure. The installation of the standpipe is due to the bridge not rated to a 20 ton load limit any point, as well as no fire apparatus turn around within 150' on the driveway from the street. Standpipe 2.5" wye inlet 2.5" wye outlet with 1.5" reducer and meets NFPA 14.
- 3) A sign with reflective 6" stroke letters that reads NO FIRE DEPARTMENT ACCESS shall be installed at the street side of the property.
- 4) The address monument numbers shall be reflective coated or outlined with a reflective coating.
- 5) TFPD recommends the installation of a Knox Box for access during emergency situations.

John A. Miller

From: Finn KJome

Sent: Monday, April 19, 2021 9:13 AM

To: John A. Miller

Subject: RE: Lot 163RC, 105 Prospect Creek Referral Packet for May 6 DRB

Hi John,

It appears that this project will block access down the sewer line. I don't have enough information but do see a retaining wall called out. Please confirm the Town has access to maintain the sewer mainline. I don't see a sewer line called out on the utility plan.

Finn

From: John A. Miller < John Miller @mtnvillage.org>

Sent: Friday, April 16, 2021 1:28 PM

To: Finn KJome <FKJome@mtnvillage.org>; Steven LeHane <SLeHane@mtnvillage.org>; Jim Loebe

<JLoebe@mtnvillage.org>; Chris Broady <CBroady@mtnvillage.org>; jeremy@smpa.com;

brien.gardner@blackhillscorp.com; kirby.bryant@centurylink.com; Scott Heidergott <sheidergott@telluridefire.com>;

Mike Otto < MOtto@mtnvillage.org>
Cc: JD Wise < JWise@mtnvillage.org>

Subject: Lot 163RC, 105 Prospect Creek Referral Packet for May 6 DRB

Good Afternoon All -

Please find the following referral for a New Single Family home located at Lot 163RC, 105 Prospect Creek. This item will be heard by the DRB at the May 6 hearing.

1. New Single Family Home at 105 Prospect

Creek: https://townofmountainvillage.com/site/assets/files/34871/163rc website and referral packet.pdf

Please let me know if there are any questions or concerns.

Best,

J

John A Miller III Senior Planner Planning & Development Services Town of Mountain Village 455 Mountain Village Blvd, Suite A Mountain Village, CO 81435

O:: 970.369.8203 C:: 970.417.1789