GENERAL NOTES - 2015 IRC

GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS AND JOB CONDITIONS AT THE JOB SITE SUFFICIENTLY IN ADVANCE OF WORK TO BE PERFORMED TO ASSURE THE ORDERLY PROGRESS OF THE WORK.

2. CODES HAVING JURISDICTION SHALL BE OBSERVED STRICTLY IN THE CONSTRUCTION OF THE MODIEST ALL APPLICABLE STATE, COUNTY, AND CITY REQUIREMENTS RECAMBING VERHELD BY THE RECAMBING AND SHORT OF THE RECAMBING CONTRACTOR OF SEPONDE AND SHORT OF THE REPORT OF SEPONDE COMMENCEMENT OF CONSTRUCTION, ANY DISCREPANCIES RETVIEN CODE RECOURSEMENTS AND THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE

3 ELECTRICAL INSTALLATION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND THE LOCAL BUILDING AUTHORITY.

MECHANICAL WORK SHALL BE EXECUTED AND INSPECTED IN ACCORDANCE WITH PUBLI UTILITIES, REGULATIONS, AND LOCAL APPLICABLE CODES.

5. DISCREPANCIES WHICH MAY OCCUR IN THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENDED OF THE CONSTRUCTION SUPERINTENERS IT AND WRITTEN SHALL BE BROUGHT TO THE ATTENDED OF THE CONSTRUCTION SUPERINTENERS AND WRITTEN SHALL BE HELD REPORTABLE FOR THE SELECTION FOR SHALL BE HELD REPORTABLE FOR THE SELECTION FOR THE CONSTRUCTION SHALL BE HELD REPORTABLE FOR THE SELECTION FOR THE CONSTRUCTION SHALL BE HELD REPORTABLE FOR THE SELECTION FOR THE CONSTRUCTION SHALL BE HELD REPORTABLE FOR THE SELECTION OF THE CONSTRUCTION SHALL PREPARED REPORTABLE FOR THE SHALL PROPERTY OF THE CONSTRUCTION SHALL PREPARED REPORTABLE FOR THE SHALL PROPERTY OF THE SHALL PRO

SUBMIT ALL MANUFACTURER'S AND PRODUCT SPECIFICATIONS AND CUT SHEETS TO THIS OFFICE AND THE OFFICE OF THE BUILDER FOR REVIEW AND APPROVAL

7. ANY CONFLICTS WHICH MAY OCCUR DURING THE CONSTRUCTION PHASE BETWEEN THE NOTED CONSTRUCTION DOCUMENTS, APPLICABLE CODES HAVING, JURISDICION AND MANUFACTURES SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION SUPERINTENDENT AND THIS OFFICE FOR A FINAL CLARIFICATION.

METHODS OF MATERIAL THE LUNIS INCLICION DOCUMENTS DO NOT ADDRESS DESIGN INTENT. METHODS OF MATERIALS. THE CONSTRUCTION SUPERINFENDENT SHALL BE REQUIRED COORDINATE WITH THIS OFFICE AND RECEIVE FINAL INSTRUCTION AND APPROVAL PRIOR 1 FABRICATION.

10. THIS OFFICE AND THE OFFICE OF THE ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION PROCEDURES. TECHNIQUES OR THE FAILURE OF THE GENERAL CONTRACTOR AND SUBCONTRACTORS TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS, MANUFACTURERS SPECIFICATIONS OR REQUIRED CODE

11. SUBCONTRACTORS SHALL MAINTAIN THE PREMISES CLEAN AND FREE OF ALL TRASH DEBRIS AND SHALL PROTECT ALL ADJACENT WORK FROM DAMAGE, SOILING, PAINT OVE SPRAY, ETC. ALL FOTURES, EQUIPMENT, GLAZING, FLOORS, ETC., SHALL BE LEFT CLEAN, READY FOR OCCUPANCY UPON COMPLETION OF THE PROJECT.

12. FIELD MODIFICATIONS OR STRUCTURAL CHANGES, SHALL BE PROHIBITED UNTIL THE CONSTRUCTION SUPERINTENDENT HAS BEEN NOTIFIED IN ADVANCE AND INSTRUCTIONS (GIVEN. MODIFICATIONS INITIATED WITHOUT PROPER AUTHORITY SHALL BECOME THE RESPONSIBILITY OF THE SUBCONTRACTOR.

THE GENERAL CONTRACTOR AND SIBECUTRACTOR SHALL BE BOUND IN STRECT COMPANIANCE WITH MANUFACTURERS DETAILS. SECRECATIONS AND RECOMMEDIATIONS CONTRACTOR AND STREET HAS BROKE. RELEASE OF CONCRETE MANUFACTURE CONTRACTOR AND STORE VENERAL MORTH STRUCK CONTRACTOR AND STORE VENERAL MORTH STRUCK CONTRACTOR AND STREET HAS BROKE. AND STREET HAS BROKE AND STREET HAS BROKELS. MECHANICAL PLUMBING, ELECTRICAL MESTALLATION PENETRATIONS, GREAT ASSEMBLES. MECHANICAL PLUMBING, ELECTRICAL MESTALLATION PENETRATIONS, GREAT ASSEMBLES. MECHANICAL PLUMBING, ELECTRICAL MESTALLATION PENETRATIONS, GREAT TEMPORATIONS, TRACTOR STREET, AND STREET HAS BROKELS. MECHANICAL PLUMBING, ELECTRICAL MESTALLATION PENETRATIONS, STREET BROKENS AND TEMPORATION AND AND AND TEMPORATION AND AND AND TEMPORATION AND AND TEMPORATION AND AND AND TEMPORATION AND AND AND TEMPORATION AND AND TEMPORATION AND AND AND TEMPORATION AND AND AND TEMPORATION AND AND AND TEMPORATION AND TEMPORATION

14. DO NOT SCALE DRAWINGS - WRITTEN DIMENSIONS TAKE PRECEDENCE. N.T.S. SHALL BE UNDERSTOOD TO MEAN 'NOT TO SCALE.'

EXTERIOR DIMENSIONS SHALL BE FROM THE OUTSIDE FACE OF STUDS OR OUTSIDE FACE OF FOUNDATION WALLS. (SEE PLANS)

16. ALL STUD WALLS ARE DIMENSIONED 3 1/2° OR 5 1/2° WIDE, ROUGH STUD FACE TO ROUGH STUD FACE UNLESS OTHERWISE NOTED.

17. FIELD MEASUREMENTS TO BE VERIFIED FOR PROPER FIT AND ATTACHMENT FOR ALL WINDOWS, DOORS, CABINETRY, TRUSSES, APPLIANCES, HARDWARE, FIXTURES AND SPECIALIZED EQUIPMENT, ITEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.

18. ALL WINDOWS AND EXTERIOR DOOR HEADER SIZES ARE TO BE PER STRUCTURAL PLANS

20. ALL WINDOWS AND GLASS DOORS SHALL BE DOUBLE GLAZED W/LOW-E. ALL EXTERIOR DOORS AND DOORS LEADING TO UNIFEATED AREAS SHALL BE INSTALLED FER MEGG SECS. AND BE PROVIDE WITH MEGR RECOMMENDED WIGHTHERSTREPFING, SEALANT AND FLASHING TO ENSURE PROPER CONTINUATION OF REQUIRED DRAINAGE PLANES.

ALL GLASS WITHIN 18" OF ANY FLOOR LINE SHALL BE TEMPERED SAFETY GLASS AS PER 2018 INTERNATIONAL RESIDENTIAL CODE (I.R.C.).

22. ALL EGRESS WINDOWS FROM SLEEPING ROOMS SHALL HAVE MINIMUM NET CLEAR OPENING OF 5.7 SQ. FT. AND THE WINDOW SILL SHALL BE A MAXIMUM OF 42° ABOVE THE ENISL I CLOSE.

23. PROVIDE ATTIC VENTILATION AS REQUIRED PER SECTION R808 - 2018 I.R.C.

24. DOWN SPOUTS TO DISCHARGE INTO 5' DOWNSPOUT EXTENSIONS OR CONC. SPLASH BLOCK PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING PER SOILS REPORT. CONNECT PERIMETER DRAINS AND ALL AREA DRAINS TO SUMP INTO STANDING TO.

25. ALL INSULATION CONDITIONS SHALL MEET THESE MINIMUM PRESCRIPTIVE REQUIREMENTS AS FOLLOWS: A RESCHECK CERTIFICATE MAY BE REQUIRED BY CERTAIN INDISTRICTIONS.

BUILDING ENVELOPE REQUIREMENTS PER TABLE R402.1.1

0.30 MAX "U" GLAZING - DOUBLE PANE W / I OW-F 0.30 MAX "U" GLAZING - DOUBLE PANE W / LOW-E R-9 BATTS ENDAPSULATED BATTS AT ALL BASEMENT WALLS R-20 BATT 2 XS EXTERIOR FRAME WALLS R-20 BATT OR BLOWN AT ATTIC AREAS R-30 BATT OR BLOWN AT ATTIC AREAS UNHEATED SPACES, U.O.N EXCEPTION: PROVIDE ENOUGH INSULATION TO FILE FRANING CAVITY. R-39 MIN.

8. ROOF TRUSS MANUFACTURER TO VERIFY DIMENSIONS AND COORDINATE TRUSS HANGERS, DETAILS, PROFILES, AND LAYOUTS. THIS OFFICE, THE GENERAL CONTRACTOR THE SUBCONTRACTOR, AND THE STRUCTURAL ENGINEERS OFFICE SHALL REVIEW ALL ENGINEERED TRUSS SHOP DRAWINGS PRIOR TO FINAL TRUSS FABRICATION.

27. FLOOR JOIST SUPPLIER TO VERIFY DIMENSIONS AND COORDINATE JOIST LAYOUT PLAN AND APPROPRIATE DETAILS. THIS OFFICE THE GENERAL CONTRACTOR, THE SUBCONTRACTOR, AND THE STRUCTURAL ENGINEER'S OFFICE SHALL REVIEW ALL DRAWINGS PRIOR TO CONSTRUCTION.

28. PROVIDE INSULATION AROUND ALL PLUMBING AND HEATING LINES EXPOSED TO TEMPERATURE DIFFERENCE IN THE PROPERTY OF THE PROPERTY

29. SMOKE DETECTORS: PROVIDE AS REQUIRED PER SEC. R914 2018 I.R.C.

26. REEER TO GENERAL CONTRICTION AND MESS SECRECATIONS FOR ALL CITIES MERIORATION HOS PECKED ON THE CONTRICTION DEPOSIT ALL CITIES MERIORATION HOS PECKED ON THE CONSTRUCTION HOWEVER, THESE DEMANNESS ARE A "BUILDERS SET OF PLANS" AND FOR CONSTRUCTION INTENT. MESS SECRECATIONS SHALL SUPERSEDE CONSTRUCTION DEMANNES ANY DISCREPANCIES BETWEEN THESE SPECIFICATIONS AND THE CONSTRUCTION DEMANNES SHALL BE RETURNED THESE SPECIFICATIONS AND THE CONSTRUCTION DEMANNES SHALL BE REQUESTED THE CONSTRUCTION DEMANNES SHALL BE REQUESTED.

32. THESE PLANS ARE DESIGNED TO BE BUILT BY THE BUILDER. THE BUILDER IS RESPONSIBLE TO ENSURE QUALITY CONTROL OF THE INSTALLATION OF ALL BUILDING SYSTEMS PER MORE RECOMMENDATIONS. THE BUILDER AGREES TO HOLD HARMLESS THE DESIGNER FOR ALL MATTERS HAVING TO DO WITH THE CONSTRUCTION OF THESE BY AND.

33 ANY GENERAL OR SPECIFIC DETAIL NOT SHOWN, OR ANY AND ALL CONNECTIONS ARI THE RESPONSIBILITY OF THE CONTRACTOR ALL ADDITIONAL WORK REQUIRED FOLLOWING THE ISSUANCE OF A BUILDING PERMIT WILL BE BILLED AT SET HOURLY

34. ALL DROPPED SOFFITS FOR MECHANICAL / PLUMBING ARE A CONCEPTUAL I ADDITIONAL SOFFITS MAY BE REQUIRED. FIELD VERIFY ALL DIMENSIONS AND LC COORDINATE W/ GENERAL CONTRACTOR AND UTILITY CONTRACTOR PRIOR TO CONSTRUCTION.

QUIDELINES. MASTIC SHALL KOTE BE APPROVED FOR ANYTHE OR STONE REFALLATIONS.

2. GENERAL CONTRACTOR SHALL VERY REQUIREMENTS AND REFER TO THE GHIS OFAPPROVED FOR THE WOORSTEAM CONTRACTOR OF WHERE SHACON RESERVANT

MITTERS TO THE PLOUWING CONSTRUCTION OF WHERE SHACON RESERVANT

MITTERS TO THE PLOUWING CONSTRUCTION TE CHANGUES TO REPREME THE BUILDING

FOR POST CONSTRUCTION BROOM MITCHATON. BECEMENT SLASS SHALL BE REPARABLE

FOR POST CONSTRUCTION AND AND MITCHATON. BECEMENT SLASS SHALL BE REPARABLE

MATERIAL COVERNOR THE STITLE FLOOR SHACK WITH SEPARATE SECTIONS OF SHEETING

MATERIAL COVERNOR THE STITLE FLOOR AREA WITH SEPARATE SECTIONS OF SHEETING

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MATERIAL SHEETING AND THE SHEETING AND T GENERAL CONTRACTOR SHALL VERIFY REQUIREMENTS AND REFER TO THE 2018 IRC

AMTICAPITED LOCATIONS OF SYSTEM FALURE ALABMS.

THE DESIGNER HAS PROVIDED A MINTED SCORE OF ROPESSIONAL SERVICES FOR THIS PROJECT AT THE REQUEST OF THE OWNER THE CONTRACT DOCUMENTS PROVIDED THE PROJECT AT THE REQUEST OF THE OWNER THE CONTRACT DOCUMENTS PROVIDED TO SERVICE AND ADMINISTRATION OF THE OWNER THE CONTROL OF THE OWNER THE OWNER THE CONTROL OWNER OWNER THE OWN

SCOPE OF WORK

BUILDING AND SITE

ADDRESS:
~**2 CAIRNS AVE
***E, CO 80447

OWNER: WARD FAMILY TRUST 05-19-2016

O BOX 608 GRAND LAKE, CO 80447-0608 LEGAL DESCRIPTION AND PARCEL: GRAND LAKE ESTATES 1ST FLG

HEIGHT: 1.5 STORY W/ CRAWLSPACE

FINISH AREA (MAIN): 2 290 FINISH AREA (LOFT): 525 UNFINISHED AREA (LOFT): AREA (GARAGE):

BLDG. CORNER

16'-51/2" ROOF CORNER

MIN. REAR SETBAC

85.58

BLDG. CORNER

CODE INFORMATION - IRC

GRAND COUNTY HAS ADOPTED 2015 BUILDING CODES WITH LOCAL AMENDMENTS, EFFECTIVE JUNE 30, 2018. 2015 INTERNATIONAL RESIDENTIAL CODE

THE FOLLOWING CODES ARE CURRENTLY IN EFFECT WITHIN THE COUNTY:

THE FOLLOWING CODES ARE CURRENTLY IN EFFECT WITHIN THE COUNTY:
2015 INTERNATIONAL BUILDING CODE, ADOPTED AMENDMENTS
2015 INTERNATIONAL BUILDING CODE, ADOPTED AMENDMENTS
2015 INTERNATIONAL PLUMBING CODE, ADOPTED AMENDMENTS
2015 INTERNATIONAL PLUMBING CODE, ADOPTED AMENDMENTS
2015 INTERNATIONAL PLUMBING CODE, ADOPTED AMENDMENTS
2015 INTERNATIONAL ENSTRING BUILDING CODE, ADOPTED AMENDMENTS
2015 INTERNATIONAL ENSTRING BUILDING CODE

DESIGN CRITERIA

ROOF SNOW LOAD: 75osf . DEAD LOAD: 20osf. GROUND SNOW LOAD: 107osf

FLOOR LIVE LOAD: 40psf . DEAD LOAD: 10psf WIND SPEED - 115 MPH (VULT = 146 MPH)

WARD RESIDENCE

833 CAIRNES

GRAND COUNTY, CO

122.18

EXPOSURE CATEGORY: C

SEISMIC DESIGN CATEGORY · B. FROST LINE DEPTH: 36 INCHES

ICE BARRIER - REQUIRED

3 VICINITY MAP

12" = 1'-0"						
	DRAWING LIST					
۱O.	NAME					
0.0	COVER					
1.0	FLOOR PLAN					
11.1	FLOOR PLANS					
2.0	ROOF PLAN					
3.0	ELEVATIONS					
3.1	ELEVATIONS					
3.2	3D VIEWS					
4.0	BUILDING SECTIONS					
15.0	DETAILS					
0.0	FOUNDATION PLAN					

FOUNDATION NOTES & DETAILS NOTE: G.C. TO VERIEV FOR NEW CONNECTIONS SNOW REMOVAL AREA - 300sf +/-MIN. FRONT SETBACK LOT 3 ROOF CORNER A CAIRNS BUILDING CORNER 5% MAX. SLOPE EXISTING GRADE

A0.0

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80020

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Westminster

de

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Solid

DEENA WARD
WARD RESIDENCE

R 0

833 CAIRNES [GRAND LAKE, 1

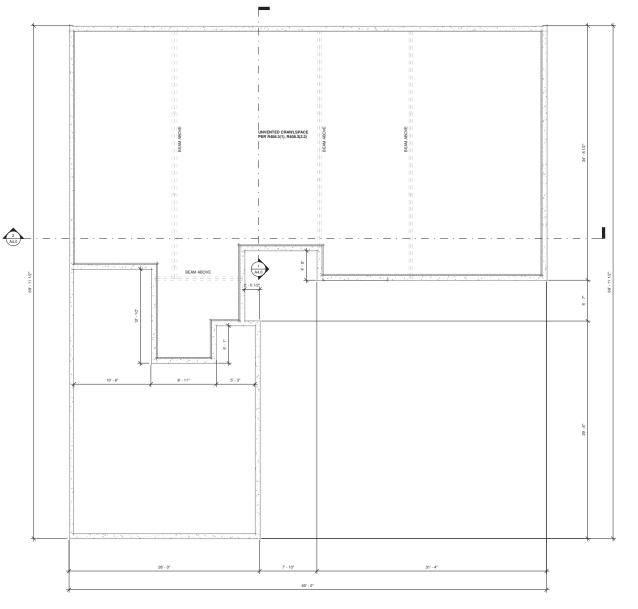
IOR NUMBER:

OVERALL DO	OR SCHEDU	LE	
CONSTRUCTION TYPE	WIDTH	HEIGHT	COUNT
	2' - 0"	7" - 0"	1
2 1080 S.C. DR. W/ SELF CLOSER	2' - 10"	8' - 0"	1
18'X9' OVERHEAD DOOR	18' - 0"	9" - 0"	1
20' X 8' MULTI-PANEL GLASS SLIDER	20" - 0"	8" - 0"	1
2080 INT. BARN DR	0"	0"	1
2080 INT. DR	2' - 0"	8' - 0"	1
2480 INT. BARN DR	0"	0"	1
2480 INT. DOOR	2' - 4"	8' - 0"	2
2680 INT.	2' - 6"	8' - 0"	4
2680 INT. BARN DR	3' - 0"	8' - 0"	2
3680 ENTRY DOOR	3' - 6"	8' - 0"	1
3680 S.C. DOOR	3' - 0"	8' - 0"	1
4080 DBL BARN DOOR	0"	0"	1
6080 GLASS SLIDER	5' - 11 1/2"	8' - 0"	2
21080 MECH. DOOR	2' - 10"	8" - 0"	1
Grand total: 21			

WINDOWS HEIGHTS MAY BE SUBJECT TO CHANGE IF WIDTHS CHANGE, NEW SIZE MAY AFFECT HEADERS

OVERALL WINDOW SCHEDULE							
TYPE MARK	TYPE	WIDTH	HEIGHT	COUNT			
102	Fixed 60" x 36"	5' - 0"	3' - 0"	2			
105	Fixed 60" x 18"	5' - 0"	1' - 6"	1			
138	Fixed 72" x 24"	6' - 0"	2' - 0"	2			
С	Fixed 36" x 72"	3' - 0"	6' - 0"	1			
CC	Fixed 36" x 96"	3' - 0"	8' - 0"	2			
D	Slider 48" x 24"	4' - 0"	2' - 0"	1			
EE	Fixed 36" x 84"	3' - 0"	7' - 0"	6			
M	Casement 36" x 72"	3' - 0"	6' - 0"	2			
QQ	Fixed 36" x 96" FROSTED	3' - 0"	8' - 0"	3			
UU	CSMNT 36" x 96"	3' - 0"	8' - 0"	6			
٧	59-1/2" x 59-1/2"	5' - 0"	5' - 0"	1			
VV	Casement 36" x 84"	3' - 0"	7' - 0"	6			
ww	Fixed 48" x 84"	4' - 0"	7' - 0"	1			
XX	Slider 60" x 36"	5' - 0"	3' - 0"	1			
YY	Fixed 108" x 24"	9' - 0"	2' - 0"	1			

Grand total: 36

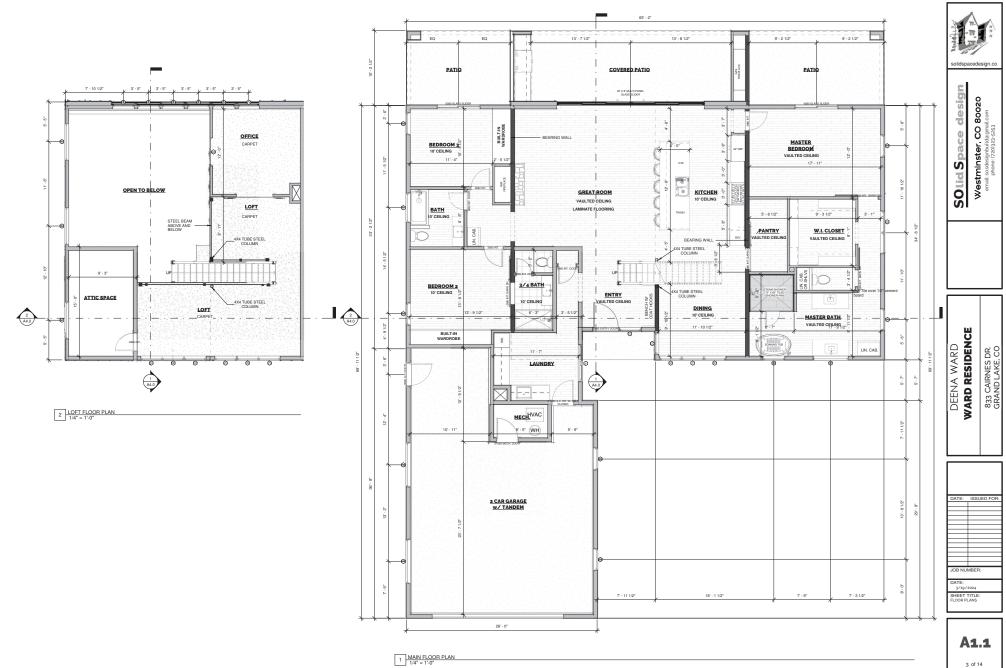


Solid Space design Westminster, CO 80020 email: sosdesignbuild@gmail.com

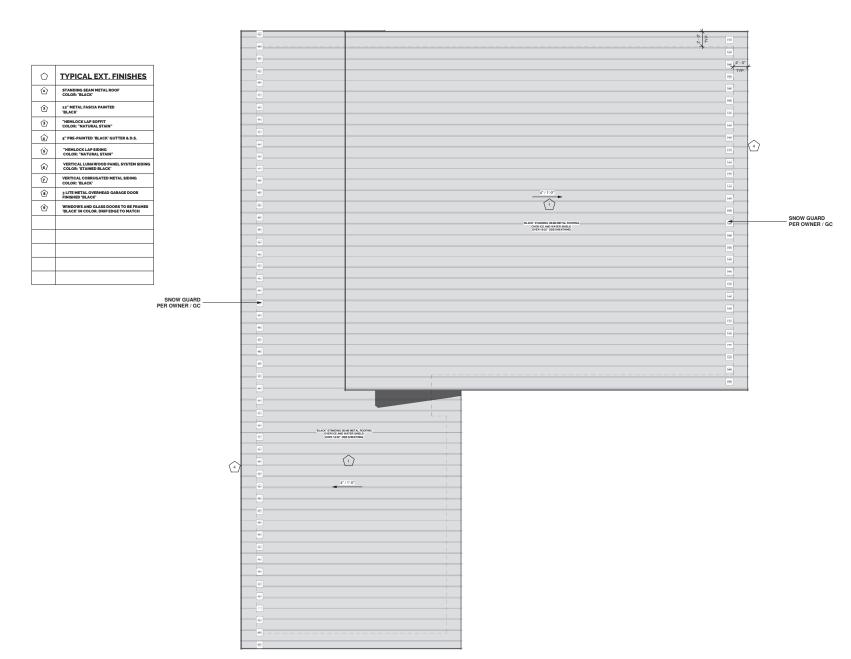
DEENA WARD
WARD RESIDENCE 833 CAIRNES DR. GRAND LAKE, CO

JOB NUMBER:

A1.0 2 of 14



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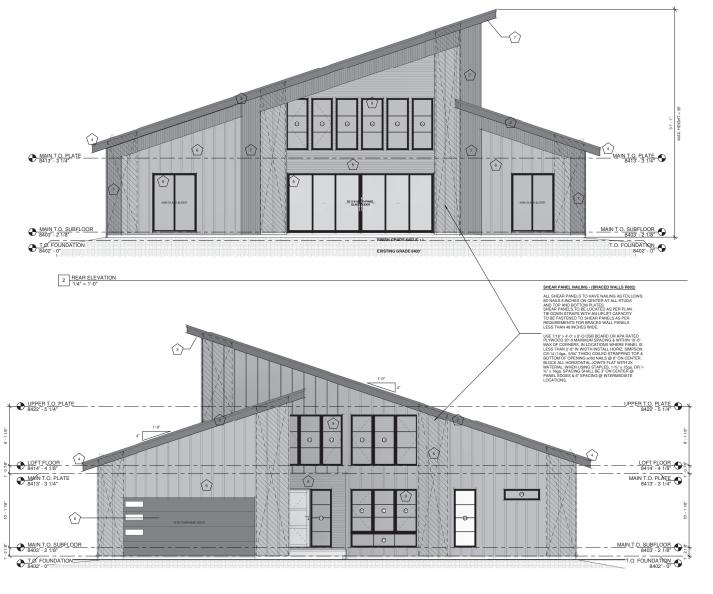
SOlid Space design Westminster, CO 80020 email: sosdesignbuild@gmail.com phone: (720)323-5253

DEENA WARD WARD RESIDENCE 833 CAIRNES DR. GRAND LAKE, CO

JOB NUMBER:

A2.0 4 of 14



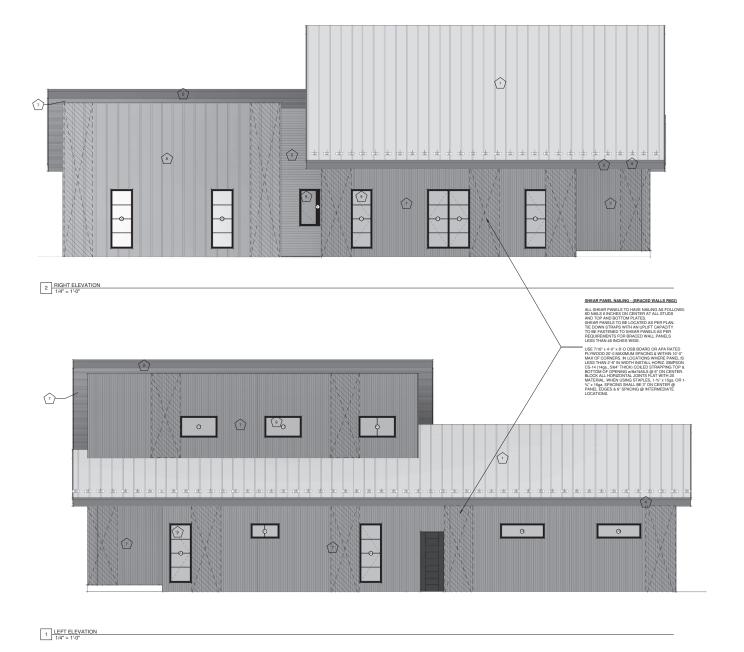


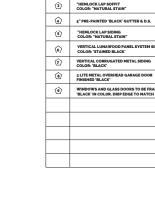
SOlid Space design Westminster, CO 80020

DEENA WARD
WARD RESIDENCE 833 CAIRNES DR. GRAND LAKE, CO

JOB NUMBER:

A3.0 5 of 14





(<u>1</u>)

TYPICAL EXT. FINISHES

12" METAL FASCIA PAINTED 'BLACK'

> DEENA WARD WARD RESIDENCE

WARD RESIDEN
WARD RESIDEN
833 CAIRNES DR.
GRAND LAKE, CO

solidspacedesign.c

Westminster, CO 80020 enail: sosdesignbuild@gmail.com phone: (720)323-5533

design

SolidSp

DATE: ISSUED FOR:

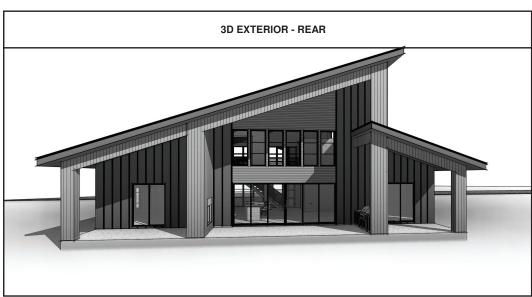
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DATE: 3/19/2024

SHEET TITLE: ELEVATIONS

A3.1 6 of 14

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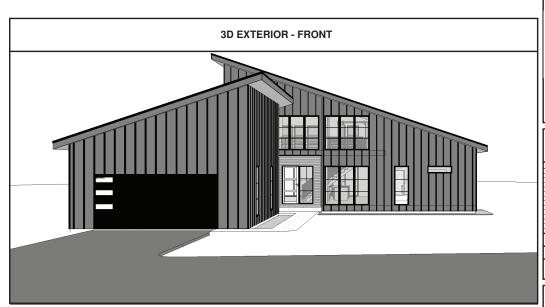


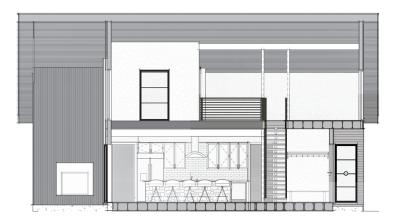


DEENA WARD
WARD RESIDENCE 833 CAIRNES DR. GRAND LAKE, CO

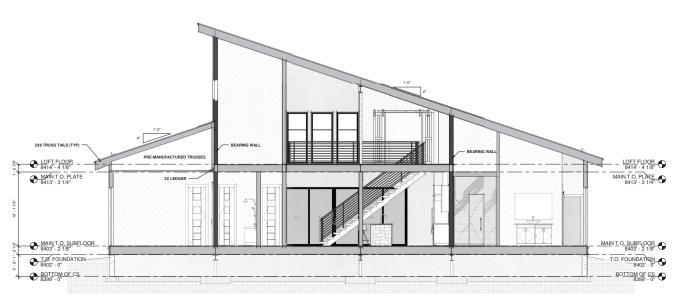
A3.2







1 Section 1 1/4" = 1'-0"



2 Section 2 1/4" = 1'-0"



SOLid Space design
Westminster. CO 80020
omt sossegnation
pone. (79032-523

DEENA WARD
WARD RESIDENCE
833 CAIRNES DR.
GRAND LAKE, CO

DATE: ISSUED FOR:

JOB NUMBER:

DATE:

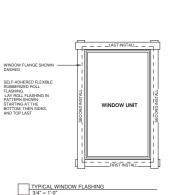
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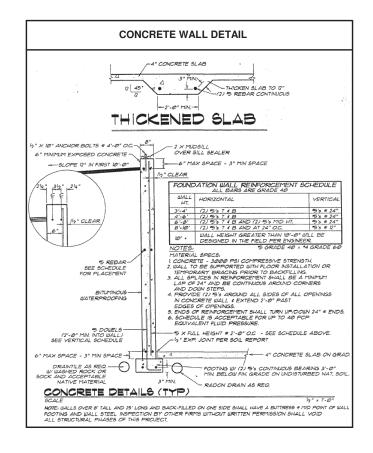
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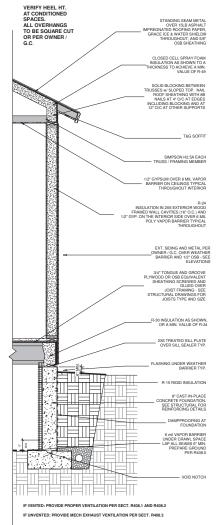
SHEET TITLE:

BULDING SECTIONS

A4.08 of 14







2 WALL SECTION @ CRAWL SPACE 3/4" = 1'-0" solide paredesian co

olidspacedesign.

design S 80020

Solid Space de Westminster, CO 800

WARD RESIDENCE
833 CAIRNES DR.
GRAND LAKE, CO

DATE: ISSUED FOR:

JOB NUMBER:

DATE:
J/19/2024

A5.0

ADDRESS: 833 Cairnes Dr., Grand Lake CO 80447 (Grand County)

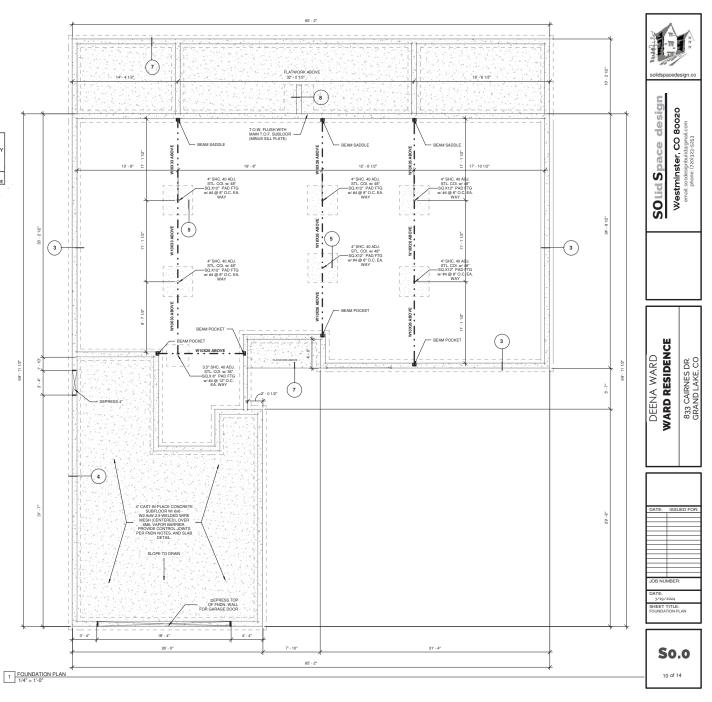
ELEVATION: <u>-8400'</u> ROOF & DECK DESIGN SNOWLOAD: <u>75 psf</u> (no reduction)

ROOF DEAD LOAD: 20 psf if standard framing (if trusses, verfy 10 psf top chord, 10 psf bottom chord) MEETS 2015 INTERNATIONAL RESIDENTIAL CODE

2015 IRC CLIMATIC & GEO

		20101110	SEIMATIO & GE	OUNAFIII	C DEGIGIA	CKITEKIA	TABLE R301.2(1		
WIND DESIGN			SUBJECT TO DAMAGE FROM						
WIND	TOPO-	SEISMIC		FROST		WINTER	ICE BARRIER	FLCOD	DECAY
SPEED	GRAPHIC		'	LINE		DESIGN	UNDERLAYMENT	HAZARDS	PROBABILITY
	EFFECTS	CATEGORY	WEATHERING	DEPTH	TERMITE	TEMP	REQUIRED		
GUST									
115 MPH					None to				
Exposure "C"	No	"B"	Severe	30"	Slight	-16° F	Yes	No	None to Slight

GROUND SNOW LOAD: 107 paf (Roof snow load = 0.7 ground snow load)
Ultimate Wind Speed 149MPH.



ROOF SNOW LOAD: 70 PSI ROOF DEAD LOAD: 15 PSF FLOOR LIVE LOAD: 40 PSF FLOOR DEAD LOAD: 15 PSF WIND DESIGN: 110 MPH, EXP. B

STRUCTURAL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND A. STRUCTUI
 ARE INTENDED

TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL,

MECHANICAL,
ELECTRICAL, AND DRAWINGS FROM OTHER DISCIPLINES. THE
CONTRACTOR SHALL REQUIREMENTS OF THE CONTRACT DOCUMENTS INTO
SHOP DRAWINGS AND WORK
B. ... ARCHITECTURAL DRAWINGS, DRAWINGS FROM OTHER
B. .. ARCHITECTURAL DRAWINGS, DRAWINGS FROM OTHER

DISCIPLINES, PROJECT SHOP DRAWINGS, AND FIELD CONDITIONS PRIOR TO SHOP DRAWING SUBMITTAL.

ALL EXTERIOR WALLS SHALL BE SUPPORTED ON CONTINUOUS SOLID OR FULLY GROUTED MASONRY OR CONCRETE FOOTINGS, CRUSHED STONE FOOTINGS, WOOD FOUNDATIONS, OR OTHER APPROVED STRUCTURAL SYSTEMS

WHICH SHALL BE OF SUFFICIENT DESIGN TO ACCOMMODATE ALL LOADS ACCORDING

TO SECTION R301 AND TO TRANSMIT THE RESULTING LOADS TO THE THE LIMITATIONS AS DETERMINED FROM THE CHARACTER OF THE SOIL

THE LIMITATIONS AS DETERMINISED FROM THE OWN THE OWNER FOR THE SOLD ON UNDISTURBED NATURAL SOILS OR ENGINEERED FILL. EXCEPT WHERE ERECTED ON SOLID ROCK OR OTHERWISE.

PROTECTED FROM FROST, FOUNDATION WALLS, PIERS AND OTHER

PERMANENT SUPPORTS OF BUILDINGS AND STRUCTURES LARGER THAN 120 SQUARE

IN AREA OR 10 FEET IN HEIGHT SHALL EXTEND TO AT LEAST 30 INCHES BELOW FINISHED GRADE, AND SPREAD FOOTINGS OF 8 INCHES THICK X 16 INCHES WIDE

MINIMUM SIZE SHALL BE PROVIDED TO PROPERLY DISTRIBUTE THE LOAD WITHIN THE ALLOWABLE LOAD-BEARING VALUE OF THE SOIL.

ALTERNATIVELY, SUCH STRUCTURES SHALL BE SUPPORTED ON PILES WHERE SOLID EARTH OR ROCK IS NOT AVAILABLE. FOOTINGS SHALL NOT BEAR ON

FROZEN SOILS CONCRETE FOOTINGS SHALL INCLUDE A MINIMUM OF TWO #4

REINFORCEMENT BARS
TO BE TIED CONTINUOUSLY AND SPACED A MINIMUM OF TWO INCHES FROM THE
GROUND AND EQUALLY WITHIN THE FOOTING. FOOTINGS SHALL BE SO

DESIGNED THAT THE ALLOWABLE BEARING CAPACITY OF THE SOIL IS NOT

EXCEEDED. EXCEEDED, AND THAT DIFFERENTIAL SETTLEMENT IS MINIMIZED. THE MINIMUM WIDTH OF FOOTINGS SHALL BE 16 INCHES.

SPREAD FOOTINGS SHALL BE AT LEAST 8 INCHES IN THICKNESS. FOOTING PROJECTIONS, P, SHALL BE AT LEAST 2 INCHES AND SHALL NOT EXCEED THE THICKNESS OF THE FOOTING.

VAPOR RETARDER GROUND COVER

VAPOR RETARDER GROUND COVER
A VAPOR HETATELER GROUND STEEDHAL BE OF SMIL
AVEROR HETATELER GROUND STEEDHAL WITH A RATING OF I PERM
OR LESS. THE VAPOR RETARDER SHALL COVER THE ENTIRE GROUND
AREA WITHIN CARMISPACES IN ACCORDANCE WITH THE FOLLOWING:
1. THE VAPOR RETARDER SHALL BE OVERLAPPED SIX
INCHES MINIMUM AT JOINTS AND SHALL EXTEND OVER THE TOP OF PIER
INCHES MINIMUM AT JOINTS AND SHALL EXTEND OVER THE TOP OF PIER

FOOTINGS. 2. THE EDGES OF THE VAPOR RETARDER SHALL BE TURNED UP A

FOUR INCHES AT THE STEM WALL. A PENETRATIONS IN THE VAPOR RETARDER SHALL BE NO LARGER THAN NECESSARY TO FIT PIERS, BEAM SUPPORTS, PLUMBING AND OTHER PENETRATIONS.

FOUNDATIONS

DESIGN CRITERIA:

SOILS BEARING PRESSURE BASED ON AN ASSUMED ALLOWARD BEARING PRESSURE OF 2000 PSF IN LIEU OF A QUALIFIED SOILS REPORT PER 2015 IRC, PRESUMPTIVE LOAD- BEARING PRESSURE VALUES, (TABLE PER 2015 IRC, PRESUMPTIVE LUMD-BEATHING TRESOURL PRESUMPTIVE ARRIVAL THE RESPONSIBILITY OF THE CONTRACTOR / OWNEROWNER'S REPRESENTATIVE AND ATTO THE CORT OF HE SURFICE STABLE AND ADECUATE TO SUPPORT EXISTING STRUCTURES DURING SOIL ENCAVATION CONSTRUCTION.

CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AFTER 28 DAYS. CEMENT SHALL BE TYPE 1.

STRUCTURAL CONCRETE:

3. SINUCITY OF THE PROPERTY FOR REINFORCED CONCRETE", ACI 318.

BEINFORCEMENT:

HEINFORCEMENT:
REINFORCING BARS: ASTM A615, 60 KSI
WELDED AND FIELD BENT REINFORCING: ASTM A706, 60 KSI
WELDED WIRE FABRIC: ASTM 185 OR ASTM 497, 70 KSI
SPLICES:
NO SPLICING OF REINFORCEMENT PERMITTED EXCEPT AS NOTED
NO SPLICING OF REINFORCEMENT PERMITTED EXCEPT AS NOTED

ON DRAWINGS.
MAKE BARS CONTINUOUS AROUND CORNERS
ON THE MAY BE MAY BE MADE B

WHERE PERMITTED, SPLICES MAY BE MADE BY CLASS B CONTACT

MECHANICAL CONNECTORS.

LAP BARS A MINIMUM OF 48 BAR DIAMETERS

SPLICE CONTINUOUS TOP AND BOTTOM BARS IN WALLS, BEAMS,

GRADE BEAMS AS FOLLOWS: + TOP BARS - AT MID SPAN + BOTTOM BARS - OVER SUPPORT

PLACING REINFORCEMENT:

REINFORCEMENT PROTECTION CONCRETE PLACED AGAINST FARTH CONCRETE PLACED IN FORMS BUT EXPOSED TO WEATHER OR FART

H:
BARS #5 AND SMALLER. 1-1
BARS LARGER THAN #5. 1-2
COLUMNS, GIRDERS, GRADE BEAMS, BEAMS.
SLABS OR WALLS NOT EXPOSED TO WEATHER OR

CORE WALLS NOT EXPOSED TO WEATHER OR

FARTH

IS POURED. "STABBING" INTO PREVIOUSLY PLACED CONCRETE IS NOT PERMITTED.

CONTROL JOINTS:

A. PROVIDE SLAB CONTROL JOINTS PER ACI 6.4 AND IN ACCORDANCE WITH A

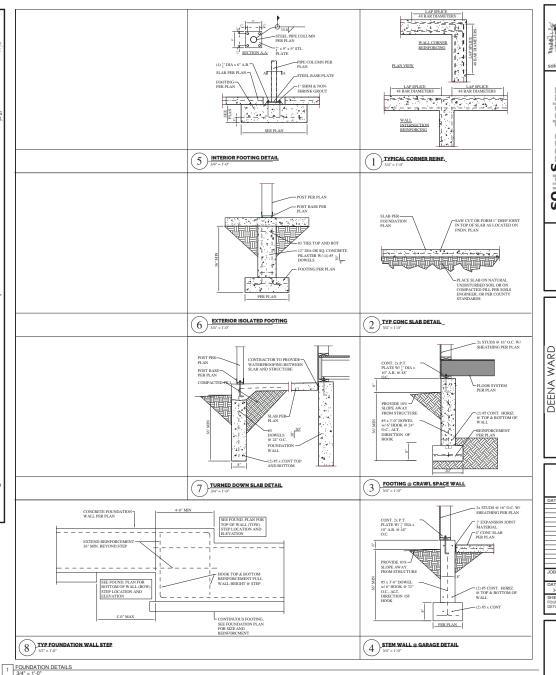
QUALIFIED SOILS REPORT. IN LIEU OF A SOILS REPORT PROVIDE CONTROL JOINTS SUCH THAT NO MORE THAN 225 SQUARE FEET OF SLAB ARE WITHIN A GRID.

SAWCUT CONTROL JOINTS SHALL BE 1/4 OF SLAB DEPTH. JOINTS SHOULD BE SPACED AT NO MORE THAN 15 FEET ON CENTER OR AS INDICATED ON THE

7. MEP AND OTHER OPENINGS AND EMBEDDMENTS: A. PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS BEFORE PLACING CONCRETE. DO NOT CUT REINFORCING WHICH MAY CONFLICT. CORING

OF CONCRETE IS NOT PERMITTED.

REFER TO TYPICAL DETAILS FOR SPACING LIMITS ON SLEEVES AND FOR REQUIREMENTS.



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833 CAIRNES DR. GRAND LAKE, CO

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FLUSH FOUNDATION WALL

1 MAIN FLOOR FRAMING PLAN 1/4" = 1'-0"

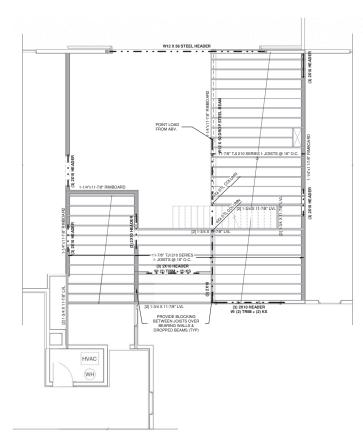
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DEENA WARD WARD WARD RESIDENCE 833 CAIRNES DR. GRAND LAKE, CO

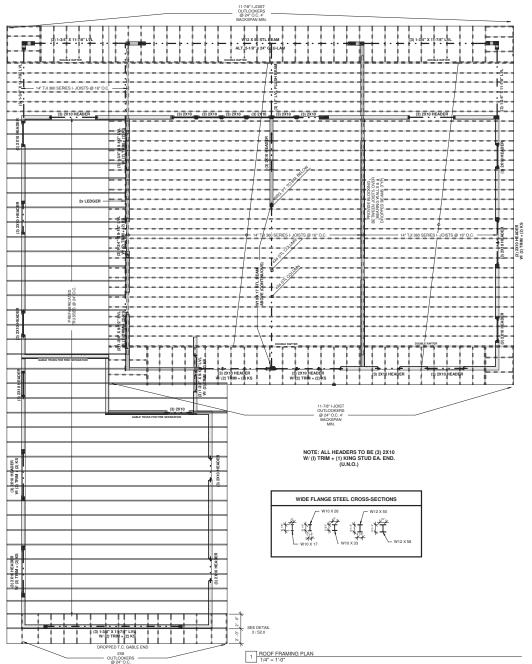
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2 LOFT FRAMING PLAN 1/4" = 1'-0"



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ROOF DEAD LOAD: 20 PSF FLOOR LIVE LOAD: 40 PSF FLOOR DEAD LOAD: 15 PSF WIND DESIGN: 115 MPH EXP

SEISMIC DESIGN CATEGORY: 2B

COORDINATION

COORDINATION:

A STRUCTURAL DRAWINGS ARE NOT STAND ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND DRAWINGS FROM OTHER DISCIPLINES. THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS INTO SHOP DRAWINGS. AND WORK

AND WORK.

B. ARCHITECTURAL DRAWINGS, DRAWINGS FROM OTHER DISCIPLINES, PROJECT SHOP DRAWINGS, AND FIELD CONDITIONS PRIOR TO SHOP DRAWING SUBMITTAL.

ALL STRUCTURAL STEEL FABRICATED AND ERECTED PER THE CURRENT EDITION OF AISC STEEL CONSTRUCTION MANUAL

ALL STRUCTURAL STEEL SHALL BE OF THE FOLLOWING GRADES

WIDE FLANGE SHAPES, CHANNELS AND TEES: ASTM A992 (FY-50 KSI) OTHER ROLLED SHAPES(ANGLES, PLATES, AND BARS): ASTM A36 (FY-36 KSI) OTHER ROLLED SHAPES(ANGLES, PLATES, AND BARS): ASTM 436 (FY-36 KSI)
STEEL RODS AND MISCELLANEOUS: ASTM 436 (FY-45 KSI)
STEEL RIPE: ASTM A35, GRABE 8 (FY-45 KSI)
STEEL PIPE: ASTM A37 KSI ASTM A397
ANOHOR BOLTS: ASTM A

WOOD

ENGINEERED LUMBER SIZES (MICROLAM, PARALAM, TIMBERSTRAND, AND FABRICATED MEMBER SIZES) SHOWN ARE NET: OTHER MEMBER SIZES ARE NOMINAL A. ALL COMPOSITE LAMINATED VENEER LUMBER (LV.]TO HAVE A MINIMUM ALLOWABLE BENDING, STRESS OF 2959 PSI (2950Fb)AND MODULUS OF ELASTICITY OF 2,000,000 PSI (201E)PER 10C: 6E SER1837.

ALL COMPOSITE PARALLEL STRAND LUMBER (PSL)TO HAVE A MINIMUM ALLOWABLE BENDING STRESS OF 2950 PSI (2950Fb)AND MODULUS OF ELASTICITY

OF 2,000,000 PSI (2.0E)PER ICC-ES ESR1387.
C. MULTIPLE PLY MEMBERS TO BE NAILED TOGETHER USING 3 ROWS OF 16d COMMON.

C. MULLIPLE PLY MEMBERS TO BE NAILED TO SETHER USING 3 HOWS OF THE COMMON WIRE NAILS SPACED AT 16" (O. (U.O. N.)

D. COMPOSITE LAMINATED STRAND LUMBER (LSL.) IS MANUFACTURED BY TRUS JOIST AND SHOULD BEAT THE LABEL OF "STRANDCARD" OR "TIMBERSTAND" WITH A MINIMUM MODULUS OF ELASTICITY OF 1,800,000 PSI (1.8E.) PER ICC-ES ESR1387.

2. FRAMING LUMBER DRY (19% MAXIMUM MOISTURE CONTENT AT TIME OF INSTALLATION) SHALL BE SHOWN BELOW WITH MINIMUM DESIGN VALUES BASED ON THE 2012 NDS. LINI ESS OTHERWISE NOTED

ESS OTHERWISE NOTED.

EXTERIOR STUDS: OF NO.2 OR BETTER

LOAD BEARING STUDS (AND COLUMNS ASSEMBLED FROM STUDS): DF NO.2 OR BETTER

HONL-LOAD BEARING INTERIOR STUDS: DF STUD OR BETTER

HEADERS AT TYPICAL OPENINGS: DF NO.2 OR BETTER

2*4* NOMINIAL MEMBERS: DF NO.2 OR BETTER

5* NOMINIAL AND LARGER MEMBERS: DF NO.1 OR BETTER

FARRICATED LUMBER:

3. FABRICATED LUMBER: A
A LIF FRANKING LUMBER TO BE GRADE MARKED PER THE LUMBER SCHEDULE SHOWN ON
THESS EDRAWINGS. ALL WOOD FRANKING SHALL BE SURFACE DRY TO A MAXIMUM MOISTURE
CONTENT OF 19%. GLU-LAM ADD COMPOSITE LUMBER MEMBERS (LVL) CANNOT EXCEED A
MOISTURE CONTENT OF 19%.
SI THE MANUFACTURER SHALL PROVIDE WEB STIFFENERS (ON I-JOISTS), END BLOCKING,
BRIDGING, AND ERECTION BRACING AS REQUIRED. SEE "DESIGN CRITERIA" FOR
SUPERIMO-OSE DEAD AND LUE LOADS.

SHEATHING

ALL PLYWOOD/OSB CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE AMERICAN

A. ALL PLYWOODIOSB CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE AMERICAN PLYWOOD ASSOCIATION (ARD) OF THE STRUCTURAL BOARD ASSOCIATION (SAD ON THE STRUCTURAL BOARD ASSOCIATION (SAD ALL BE 1932", APA RATED 4020; DEP.1 SHEATHING BALL BE 1932", APA RATED 4020; DEP.1 SHEATHING SHALL BE 1932", APA RATED 4020; DEP.1 SHEATHING SHALL BE 2032", APA RATED 4020; DEP.1 SHEATHING SHALL BE 2032", APA RATED 4020; DEP.1 SHEATHING SHALL BE 1932", APA RATED 24716, DEP.1 SHEATHING SHALL BE 1932", APA RATED 24716; DEP.1 SHEATHING SHALL BE 1932"

UNLESS OTHERWISE NOTED. NAIL ALL WALL SHEATHING WITH 10d NAILS AT 5" O.C. AT ALL SUPPORTED PANDLE EDGES (E.N.) AND 12" O.C. FIELD NAILING (F.N.) UNLESS OTHERWISE NOTED. E. INSTALL ALL SHEATHING WITH THE LONG DIMENSION OF THE PANEL PARALLEL TO

E. INSTALL ALL SHEATHING WITH LE LONG DIMENSION OF THE PARKELLEL TO SUPPORTING FRAMING MEMBERS, WITH EACH PANIEL CONTINUOUS OVER TWO OR MORE FRAMING MEMBERS. ALLOW 18° SPACING AT PANEL EDGES UNLESS OTHERWISE RECOMMENDED BY THE SHEATHING MANUFACTURER.
F. DIAPHRAGM SHEATHING NAILS OR OTHER APPROVED SHEATHING CONNECTORS SHALL

BE DRIVEN SO THAT THEIR HEAD OR CROWN IS FLUSH WITH THE SURFACE OF THE SHEATHING. G. ALL WALLS SHEATHED WITH GYP-BOARD SHALL BE CONNECTED WITH 5d COOLER NAILS SPACED AT 7" O.C. AT SUPPORTED PANEL EDGES AND AT INTERMEDIATE SUPPORTS. PROVIDE 24 BLOCKING AT LINSUPPORTED PANEL EDGES WHERE INDICATED ON APPROVED PLANS. REFER TO SHEARWALL SCHEDULE OR PLANS FOR SPECIAL BLOCKING

OPENINGS:
 OPENINGS, POCKETS, ETC, SHALL NOT BE PLACED IN BEAMS, JOISTS, RAFTERS, STUDS, POSTS, COLUMNS, TIMBER AND OTHER STRUCTURAL MEMBERS UNLESS DETAILED ON THE STRUCTURAL DRAWINGS.

LINESS NOTED OTHERWISE ON THE DRAWINGS, PROVIDE BOX NAILS WITH SIZES SHOWN AN OHERS WILLED OTHERWISE AND THE DAY THE PARTIES AND THE BOX TABLE WITH 312ES SHOWN ON THE DRAWINGS. MINIMUM NAILING SHALL BE IN ACCORDANCE WITH THE NAILING SCHEDULE PER IBC 2015 TABLE 2304.9.1 UNLESS NOTED OTHERWISE ON DRAWINGS. DRIVE ALL NAILS SO NAIL HEAD IS FLUSH TO WOOD SURFACE (TYP).

ENGINEERED WOOD TRUSSES:

THE USE OF LOAD DURATION FACTORS FOR SNOW LOAD OR SLOPE OF ROOF SHALL BE PROHIBITED.

DESIGN CRITERIA: IRC 2015 TO SUPPORT THE FOLLOWING LOADS:

DESIGN CRITERIA: IRC 2015 TO SUPPORT THE FOLLOWING LOADS: GRAVITY LOADS (MORIZONTAL PROJECTION) T.C.L.L. = 10 PSF (MOR) TO THE TO THE

OCCUPANCY CATEGORY 1

LATERAL/UPLIFT LOADS: WIND LOADING PER LATEST APPROVED ASCE-7 RECOMMENDATIONS D. WIND VELOCITY = 115 MPH

WIND VELOCITY = 15 MPH
OTHER LOADING CONDITIONS:
TRUSSES TO BE CHECKED FOR UNBALANCED LOAD CONDITIONS PER
SST TEP RECOMMENDATIONS.
TRUSS DEFLECTION THOSE
ANAMIMM VERTICAL ROTOF LIVE LOAD DEFLECTION = LESSER OF L240 OR 1.0*
MAXIMUM VERTICAL ROTOF IOTAL LOAD DEFLECTION = LESSER OF L780 OR 1.5*
MAXIMUM VERTICAL ROTOF IOTAL LOAD DEFLECTION = LESSER OF L780 OR 1.5*.

WOOD TRUSSES SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH APPLICABLE PROVISIONS OF THE LATEST BUILDING CODE AND SHALL CONFORM TO RECOMMENDATIONS OF

THE TRUSS PLATE INSTITUTE (TPI). H. WOOD TRUSSES SHALL BE DESIGNED AND FABRICATED USING SAWN LUMBER WITH A H. WOOD TRUSSES SHALL BE DESIGNED AND FABRICATED USING SAWN LUMBER WITH A MAXIMUM MOISTURE CONTENT OF 19's AT THE TIME OF FABRICATION. ALL CHORD MEMBERS SHALL BE A MINIMUM 2X4 NOMINAL DIMENSION NO. 2 LUMBER AND WEBS SHALL BE A MINIMUM OF 2X4 NOMINAL DIMENSION STANDARD OR BETTER GRADE LUMBER.

1. TRUSS MANUFACTURER IS RESPONSIBLE FOR SPECIFYING ALL REQUIRED TRUSS-TO-TRUSS CONNECTIONS. APPROVED ENGINEERED TRUSS DRAWINGS MUST BEART THE STAMP AND SIGNATURE OF A QUALIFIED TRUSS SHOWINGER.

2. WOOD TRUSSES SHALL BE INSTALLED PET THE TRUSS MANUFACTURERS

RECOMMENDATIONS

THE CONTRACTOR SHALL PROVIDE A LL TEMPORARY AND PERMANENT BRACING AS REQUIRED FOR THE SAFE ERECTION AND PERFORMANCE OF THE TRUSSES. THE GUIDELINES SET FORTH BY THE AND THE APPLICATION BCSI (BUILDING COMPONENT SAFTETY INFORMATION)

1-03, "GUIDE FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES" SHALL BE A MINIMUM

K. TRUSS MEMBERS SHALL NOT BE CUT, DRILLED, NOTCHED OR OTHERWISE ALTERED, AND TRUSSES SHALL NOT BE USED FOR ANY OTHER PURPOSE OTHER THAN THE MANUFACTURER'S DESIGN INTENT, WITHOUT WRITTEN APPROVAL OF A QUALIFIED LICENSED ENGINEER.

LICENSED ENGINEER.

L. TRUSS SHOP DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO FABRICATION.

8. MISCELLANEOUS WOOD FRAMING:
A SILL PLATES SHALL BE BOLTED INTO CONCRETE WITH 1/2" DIA. x 10" MIN LONG BOLTS
(MIN "FEMBEDMENT LIN.O.) W: "22":23/16" WASHERS AND NUTS AT 6"0" O.C. MAXIMUM WITH AT
LEAST TWO BOLTS PER MEMBER, UNLESS OTHERWISE NOTED.

LEAST TWO BOLTS PER MEMBER, UNLESS OTHERWISE NOTED.

2. NOMINAL SCLID BLOCKING SHALL BE PLACED BETWEEN ALL JOISTS AND RAFTERS AT ALL

SUPPORTS AND UNDER ALL PARTITIONS UNLESS OTHERWISE DETAILED.

C. HOLES FOR BOLTS SHALL BE DORED WITH A BIT OF THE SAME KOMINAL DIAMETER OF

THE BOLT, BUT NOT MORE THAN 11/6 LARGER THAN THE BOLT DIAMETER, AND SHALL

PENETRATE WOOD MEMBERS SUCH THAT BOLT THREADS DO NOT BEAR AGAINST WOOD MEMBERS.

BOLT BUT NOT MORE THAN THE LARGER THAN THE BOLT DIAMETER, AND SHALL

BOLT BUT DO NOMED THAN THE BOLT DIAMETER. AND SHALL

BOLT BUT DOWNED WITH THE BOLT DIAMETER. AND SHALL

BOLT BUT DOWNED WITH SHALL BUT NOT TO THE EXTENT OF CRUSHING WOOD

UNDER WASHER.

BOLTS IN WOOD MEMBERS SHALL NOT BE SPACED LESS THAN 7 DIAMETERS FROM THE END OF THE MEMBER AND SHALL NOT BE SPACED LESS THAN THE LESSER OF EITHER 4 DIAMETERS FROM THE EDGE OF THE MEMBER, OR AT THE CENTERLINE OF MEMBER, UNLESS OTHERWISE NOTED.

DESIGN AND CONSTRUCTION AMMENDMENTS

THE USE OF LOAD DURATION FACTORS FOR SNOW LOAD OR SLOPE OF ROOF SHALL BE PROHIBITED.

WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH APPROVED ENGINEERING PRACTICE.

PRACTICE. THE DESIGN AND MANUFACTURE OF METAL PLATE CONNECTED WOOD TRUSSES SHALL COMPLY WITH ANSITPI 1. THE DESIGN DRAWINGS SHALL BE PREPARED BY A REGISTRED PROFESSIONAL WHERE REQUIRED BY THE STATUTES OF THE JURISDICTION IN WHICH THE PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH SECTION R106.1.

THE FRAMING DETAILS REQUIRED IN SECTION BR02 APPLY TO BOOES HAVING A THE FRAMING DETAILS REQUIRED IN SECTION RIGG APPLY TO ROOFS HAVING A MINIMUM SLOPE OF THREE UNITS VERTICAL IN 12 UNITS HORIZONTAL (25-PERGENT) OR GREATER. ROOF-CILINGS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE PROVISION OF THIS CHAPTER AND FIGURES RIGG. 11(1), RIGG. 11(2) AND RIGG. 11(3) OR IN ACCORDANCE WITH AFPANIDS.

OR IN ACCORDANCE WITH AFPANIDS.

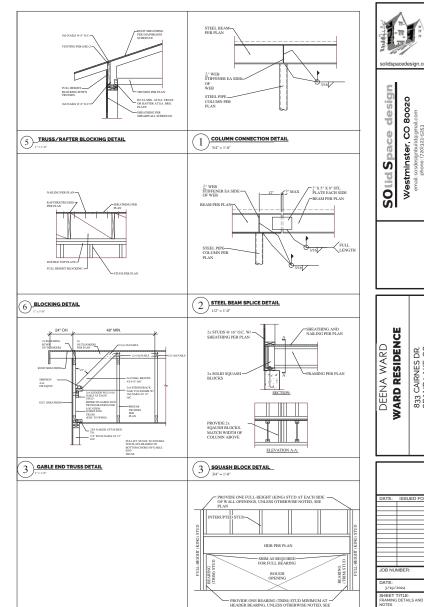
STUDS SHALL BE A MINIMUM NO. 3, STANDARD OR STUD GRADE LUMBER.

REARING STUDS NOT SUPPORTING FLOORS AND NON-REARING STUDS MAY BE LITH ITY GRADE. LUMBER, PROVIDED THE STUDS ARE SPACED IN ACCORDANCE WITH TABLE R602.3(5).

EXTERIOR WALLS OF WOOD, FRAME CONSTRUCTION SHALL BE DESIGNED AND CONSTRUCTED IN EXTERIOR WALLS OF WOOD-FHAME COMSTRUCTION SHALL BE DESIGNED AND CONSTRUCTED ACCORDANCE WITH THE PROVISIONS OF THIS CHAPTER AND FIGURES R802.3(1) AND R602.3(2) BE FASTENED IN ACCORDANCE WITH AFBRA'S NOS. COMPONENTS OF EXTERIOR WALLS SHALL BE FASTENED IN ACCORDANCE WITH TABLES REGO.3(1) THROUGH R802.3(4) STRUCTURAL WALL SHEATHING SHALL BE FASTENED DIRECTLY TO STRUCTURAL FRAMING MEMBERS.

FRAMING MEMBERS. EXTERIOR WALL COVERINGS SHALL BE CAPABLE OF RESISTING THE WIND PRESSURES. LISTED IN TABLE R301.2(2) ADJUSTED FOR HEIGHT AND EXPOSURE USING TABLE R301.2(3).
WOOD STRUCTURAL PANEL SHEATHING USED FOR EXTERIOR WALLS SHALL CONFORM TO

WOOD STRUCTURAL PANEL SHEATHING.
WOOD STRUCTURAL PANEL ROOF SHEATHING SHALL BE BONDED BY EXTERIOR GLUE.



4 TYPICAL HEADER DETAIL

STRUCTURAL NOTES - FRAMING

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