BDR TEMPORARY STORAGE BUILDING

for:

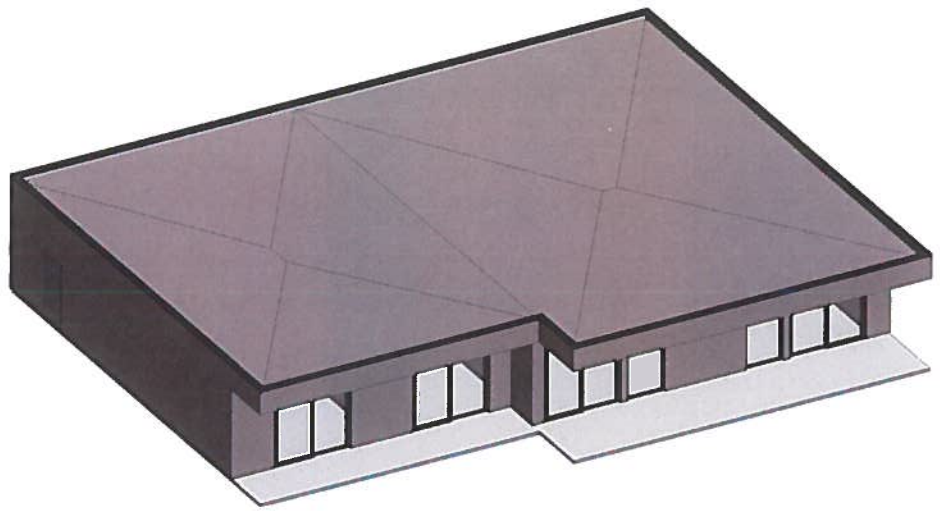
STILLWATER EQUITY PARTNERS

SNOW CANYON HWY, ENTRADA, ST. GEORGE, UT

SCHEMATIC DESIGN

01.11.2021

NOT FOR CONSTRUCTION



PROJECT INFORMATION

BUILDING DESCRIPTION / CODE SUMMARY:

CONSTRUCTION TYPE: VB
SPRINKLERED/NON-SPRINKLERED: NON-SPRINKLERED
OCCUPANCY GROUP: S-1
ALLOWABLE HEIGHT (2018IBC TABLE 504.3): 40FT ABOVE GRADE PLANE
ACTUAL BUILDING HEIGHT: 15FT
ALLOWABLE STORIES (2018IBC TABLE 504.4): ONE STORY
ACTUAL STORIES: ONE STORY
ALLOWABLE AREA (2018IBC TABLE 506.2): 9,000 S.F.
ACTUAL AREA: 3,200 S.F.
OCCUPANT LOAD FACTOR (2018IBC TABLE 1004.5): 300
OCCUPANT LOAD: 3200S.F./300 = 11
NUMBER OF EXITS REQUIRED (2018IBC TABLE 1006.2.1): ONE IF LESS THAN 30 OCCUPANTS
MAXIMUM OCCUPANT LOAD (2018IBC TABLE 1006.2.1): 29
MAXIMUM COMMON PATH OF TRAVEL (2018IBC TABLE 1006.2.1): 100FT
NUMBER OF EXITS PROVIDED: 2

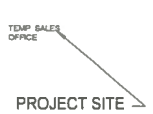
APPLICABLE CODES AND REGULATIONS:

2018 INTERNATIONAL BUILDING CODE (IBC)
2017 NATIONAL ELECTRICAL CODE (NEC)
2018 INTERNATIONAL MECHANICAL CODE (IMC)
2018 INTERNATIONAL PLUMBING CODE (IPC)
2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
LOCAL PLANNING & ZONING ORDINANCES

DRAWING INDEX

A101 ARCHITECTURAL SITE PLAN
A201 SLAB PLAN
A202 FLOOR PLAN
A204 ROOF PLAN
A301 EXTERIOR ELEVATIONS
A311 BUILDING SECTIONS
A401 WALL SECTIONS

VICINITY MAP



NORTH

PROJECT TEAM

OWNER
STILLWATER
STILLWATER EQUITY PARTNERS
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ALPINE, UT 84004
CONTACT: PAUL BRINGHURST

ARCHITECT
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MECHANICAL ENGINEER

ELECTRICAL ENGINEER

LANDSCAPE ARCHITECT

CIVIL ENGINEER

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stamp:

date:	01.11.2021
project number:	201808RM_A1
drawn by:	JB
project status:	SCHEMATIC DESIGN

current as of 1/23/2021 4:10:47 PM — original drawing is 24" x 36"

revisions:

num.	description	date
1		
2		
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BLACK DESERT
RESORT AT ENTRADA

BDR TEMPORARY STORAGE BUILDING

SNOW CANYON HWY, ENTRADA, ST. GEORGE, UT

for:
STILLWATER EQUITY PARTNERS

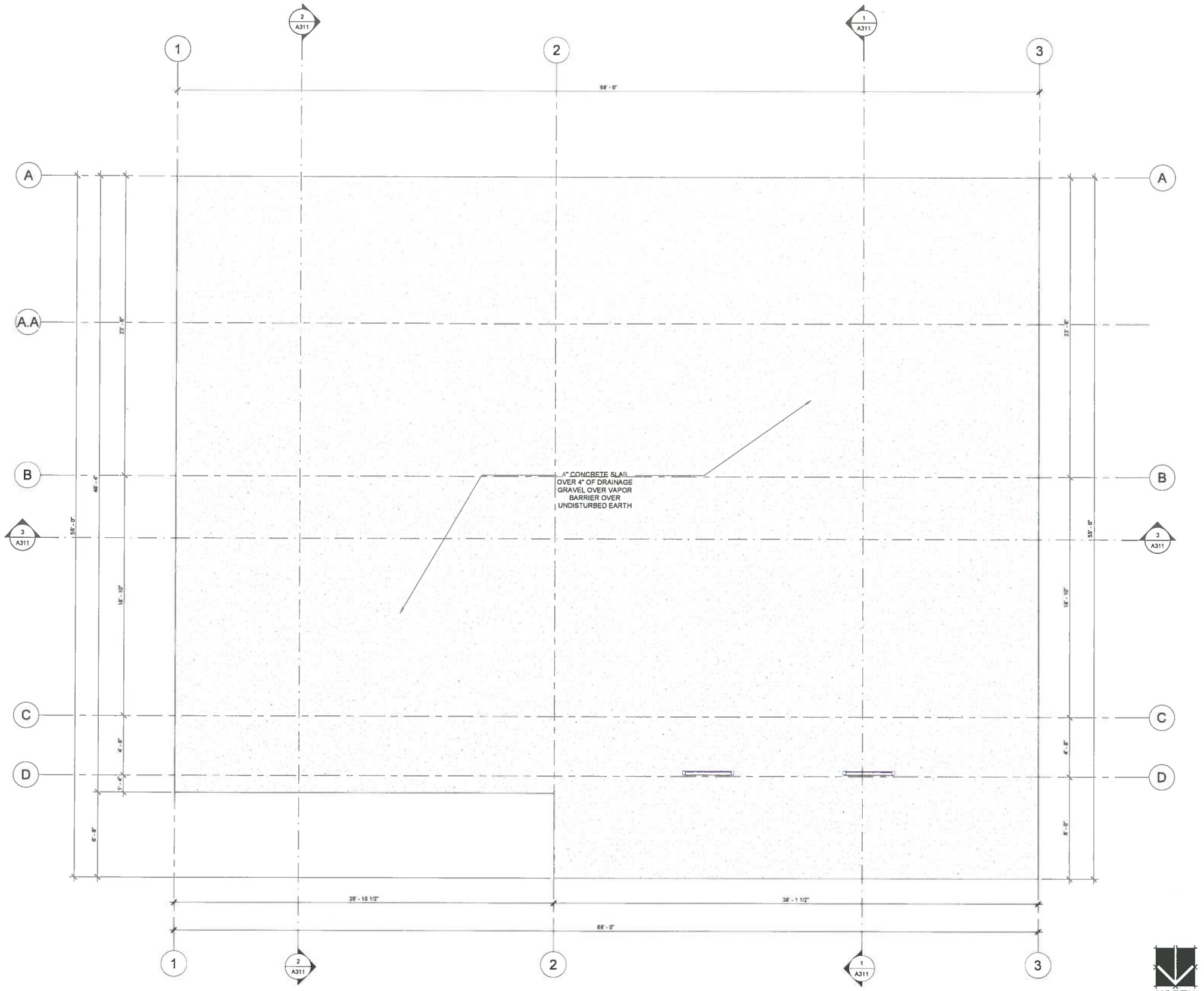
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COVER SHEET AND INDEX

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sheet number:
A000

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File path: P:\2020\11_CR_Hotel Master\Projects_Construction Documents\Rm#\RDSR Shed Sales Building_Rev0.rvt



1 OVERALL SLAB PLAN
1/4" = 1'-0"

file path P:\2021\4 CR_ Hotel Model Umbrella- Construction Documents\Revit\BDR Shed Retro Building_Revit.rvt

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project number: 201808RM_A1
drawn by: JWB
project status: SCHEMATIC DESIGN

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revisions:

num.	description	date

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RESORT AT ENTRADA

BDR TEMPORARY STORAGE BUILDING

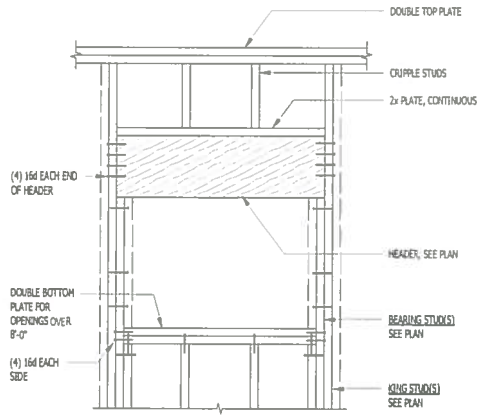
SNOW CANYON HWY, ENTRADA, ST. GEORGE, UT

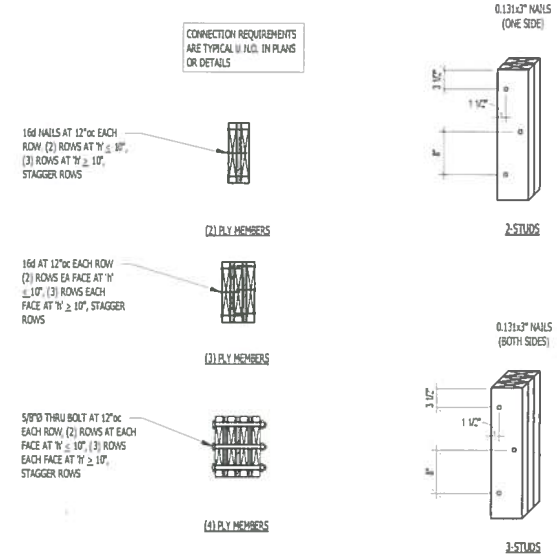
for:
STILLWATER EQUITY PARTNERS

sheet title:
SLAB PLAN

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sheet number:
A201



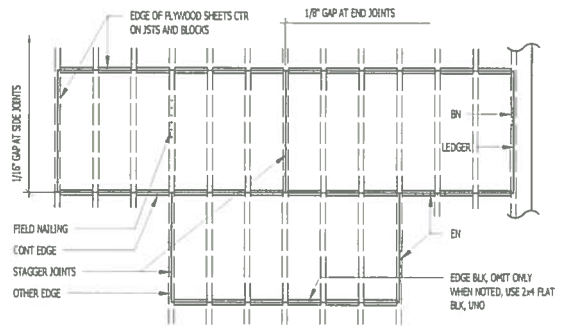


1 TYPICAL OPENING FRAMING SCHEDLE
S302 NO SCALE:

SHEATHING SCHEDULE AT ROOF AND FLOOR							
LOCATION	WOOD SHEATHING THICKNESS	NAIL SIZE	EDGE NAIL		FIELD NAIL	BOUNDARY NAIL	EDGE BLOCK
			CONT EDGE	OTHER EDGE			
ROOF	15/32"	10d	6	6	12	6	NO

PLYWOOD SHEATHING NOTES:

1. MINIMUM NAIL PENETRATION INTO FRAMING 8d-1 1/2", 10d-1 5/8".
2. USE SCREW SHANK NAILS AT FLOOR PLYWOOD.
3. USE COMMON NAILS. (8d DIAMETER = 0.131", 10d DIAMETER = 0.148")
4. GLUE AND NAIL FLOOR SHEATHING TO SUPPORTS.



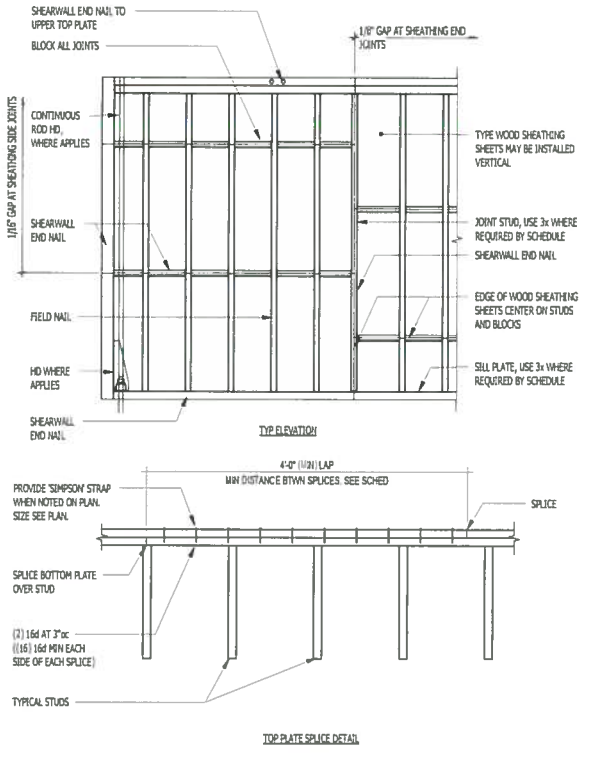
2 SHEATHING SCHEDULE AT ROOF AND FLOOR
S302 NO SCALE:

WOOD SHEATHING SHEARWALL SCHEDULE								
MARK	WOOD SHEATHING THICKNESS	SHEATHING BOTH SIDES	NAIL SIZE	EDGE NAIL	FIELD NAIL	JOINT STUD, BLKG. SILL	SILL NAILING TO WOOD	SILL BOLTING TO WOOD
SW-1	7/16"	No	8d	8"oc	12"oc	2x	16d AT 10"oc	5/8"Ø AT 32"oc

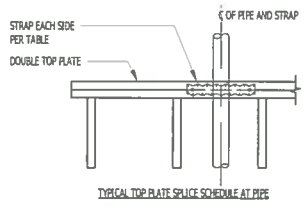
NOTES:

1. MINIMUM NAIL PENETRATION INTO FRAMING, 8d = 1 1/2", 10d = 1 5/8"
2. USE COMMON NAILS. (8d DIAMETER = 0.131", 10d DIAMETER = 0.148")
3. ALL ANCHOR BOLTS SHALL HAVE A 3"x3"x1/4" PLATE WASHER.
4. ALL ANCHORS BOLTS SHALL HAVE A MINIMUM EMBEDMENT DEPTH OF 7".

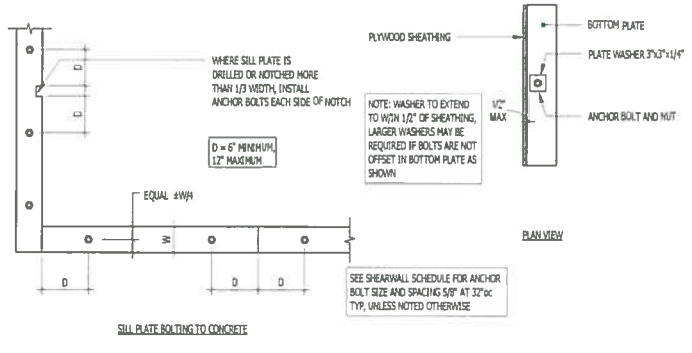
PL SIZE	(MIN) DISTANCE BTWN SPLICES	REQD NAILS EA SIDE OF SPLICE
2x4	4'-0"	(22) 16d NAILS
2x6	6'-0"	2 ROWS OF (18) 16d NAILS



TOP PLATE SPLICE SCHEDULE	
HOLE SIZE	STRAPS
LESS THAN 1/3 STUD WIDTH	NONE REQUIRED
LESS THAN 2/3 STUD WIDTH	ST2122 WITH (4) 16d EA END
OVER 2/3 STUD WIDTH	ST2215 WITH (6) 16d EA END



TYPICAL TOP PLATE SPLICE SCHEDULE AT PIPE



SILL PLATE BOLTING TO CONCRETE

MINIMUM NAILING SCHEDULE	
CONNECTION	NAILING
SOLE PL TO JST OR BLK, FACE NAIL	16d AT 1'-4"oc
BRDG TO JST, TOE NAIL EA END	(2) 8d
BLK BTWN JST OR RAFTERS TO TOP PL, TOE NAIL	(3) 8d
RIM JST TO TOP PL, TOE NAIL	8d AT 6"-6"oc
TOP PL TO STUD, END NAIL	(2) 16d
STUD TO SOLE PL, END NAIL	(2) 16d
DBL STUDS, FACE NAIL	16d AT 2'-0"oc
DBL TOP PL, FACE NAIL	16d AT 1'-4"oc
TOP PL, LAPS AT WALL INTERSECTION, FACE NAIL	(2) 16d
CONT HEADER, TWO PIECES	16d AT 1'-4"oc ALONG EA EDGE
CEILING JST TO PL, TOE NAIL	(3) 8d
CONT HEADER TO STUD, TOE NAIL	(4) 8d
CEILING JST, LAPS OVER PARTITIONS, FACE NAIL	(3) 16d
CEILING JST TO PARALLEL RAFTERS, FACE NAIL	(3) 16d
RAFTER TO PL, TOE NAIL	(3) 8d
1" BRACE TO EA STUD AND PL, FACE NAIL	(2) 8d
BUILT-UP CORNER STUDS	16d AT 2'-0"oc
BUILT-UP GIRDER AND BM	20d AT 32"oc AT TOP AND BOTT AND STAGGERED, (2) 20d AT ENDS AND AT EA SPLICE
COLLAR TIE TO RAFTER, FACE NAIL	(3) 10d
JACK RAFTER TO HIP, TOE NAIL	(3) 10d
FACE NAIL	(2) 16d
ROOF RAFTER TO 2x RIDGE BM, TOE NAIL	(2) 16d
FACE NAIL	(2) 16d
JST TO BAND JST, FACE NAIL	(3) 16d
LEDGER STRIP, FACE NAIL	(3) 16d
PLYWOOD AND PARTICLEBOARD:	
SUBFLOOR, ROOF AND WALL SHEATHING (TO FRAMING)	
1/2" AND LESS	8d
19/32" - 1"	8d OR 10d
1 1/8" - 1 1/4"	10d
COMBINATION SUB FLOOR - UNDERLAYMENT (TO FRAMING)	
3/4" AND LESS	8d
7/8" - 1"	8d OR 10d
1 1/8" - 1 1/4"	10d

MINIMUM NAILING NOTES:

1. NAILING SCHEDULE IS PER TABLE OF THE I.B.C. 2018.
2. NAILING REQUIREMENTS SHOWN HERE DO NOT REPLACE HARDWARE ON THE PLANS OR DETAILS.
3. ALL NAILS USED ARE COMMON NAILS.

NAILS SPACED AT 6 INCHES ON CENTER AT EDGES, 12 INCHES AT INTERMEDIATE SUPPORTS, EXCEPT 6" INCHES AT ALL SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. FOR NAILING OF DIAPHRAGMS AND SHEAR WALLS, REFER TO THE APPROPRIATE SCHEDULE.

3 WOOD SHEATHING SHEARWALL SCHEDULE AND TYPICAL DETAILS
S302 NO SCALE:

4 MINIMUM NAILING SCHEDULE
S302 NO SCALE:

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stamp:

PROFESSIONAL ENGINEER
BRENDON A. HAYWOOD
(10408-2202)
02/19/2021
STATE OF UTAH

date:	2.19.2021
project number:	21036
drawn by:	JG
project status:	CONSTRUCTION DOCUMENTS

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revisions:

num.	description	date

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BDR TEMPORARY STORAGE BUILDING

SNOW CANYON HWY, ENTRADA, ST. GEORGE, UT

for:
STILLWATER EQUITY PARTNERS

sheet title:
SCHEDULES

sheet number:
S302

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