

WATER HEATER SCHEDULE											
SYMBOL	SERVICE	LOCATION	TYPE	MANUFACTURER & MODEL	STORAGE CAPACITY (GAL)	MBH	ELECTRICAL DATA			OPER. WEIGHT (LBS)	REMARK
							VOLT	PHASE	CYCLE		
	HOT WATER	BASEMENT MECH. ROOM	GAS	BRADFORD WHIT EF-100T-199	100	199	120	1	60	1500	W/ P&T VALVE PROVIDE EXPANSION TANK (AMTROL ST-5V, RR#5204) W/ 6 YEAR WARRANTY, W/ RE-CIRCULATION PUMP

WATER HEATER SCHEDULE											
SYMBOL	SERVICE	LOCATION	TYPE	MANUFACTURER & MODEL	EFFICIENCY	BTUH INPUT	ELECTRICAL DATA			OPER. WEIGHT (LBS)	REMARK
							VOLT	PHASE	CYCLE		
	FLOOR RADIANT HEATER	BASEMENT MECH. ROOM	GAS	RINNAI RUR98i	95%	200,000	120	1	60	80	W/ P&T VALVE, PROVIDE EXPANSION TANK (AMTROL ST-5V, RR#5204), W/ 6 YEAR WARRANTY, W/ INLET COLD WATER FILTER CARTRIDGE, W/ RECIRCULATION PUMP.

PLUMBING FIXTURE SCHEDULE											
SYMB.	DESCRIPTION	W.	TRAP	V.	C.W.	H.W.	REMARKS				
WC	WATER CLOSET	3"	2"	2"	3/4"	-	1.28 GPF @ 80 PSI. SEE ARCHITECTURAL PLANS FOR SPECIFICATIONS.				
L	LAVATORY	2"	1 1/2"	1 1/2"	3/4"	3/4"	FAUCETS TO BE MAXIMUM 1.2 GPM @ 80 PSI. SEE ARCHITECTURAL PLANS FOR SPECIFICATIONS.				
SH	SHOWER	2"	2"	2"	3/4"	3/4"	SHOWER SHALL BE PROVIDED WITH SHOWER CONTROL VALVES OF THE PRESSURE BALANCE OR THE THERMOSTATIC MIXING VALVE TYPE. SHOWERHEADS SHALL BE 1.8 GPM @ 80PSI				
MSH	MASTER SHOWER	2"	2"	2"	1"	1"	SHOWER SHALL BE PROVIDED WITH SHOWER CONTROL VALVES OF THE PRESSURE BALANCE OR THE THERMOSTATIC MIXING VALVE TYPE. SHOWERHEADS SHALL BE 1.8 GPM @ 80PSI				
W	CLOTHES WASHER	2"	2"	2"	3/4"	3/4"	SEE ARCHITECTURAL PLANS FOR SPECIFICATIONS.				
TP	TRAP PRIMER	-	-	-	1/2"	-	TRAP PRIMER AS MANUFACTURED BY PPP, MODEL NO. RR-500				
KS	KITCHEN SINK	2"	2"	2"	3/4"	3/4"	1.5 GPM @ 80 PSI. W/ GARBAGE DISPOSAL. SEE ARCHITECTURAL PLANS FOR SPECIFICATIONS.				
DW	DISH WASHER	2"	2"	2"	3/4"	3/4"	SEE ARCHITECTURAL PLANS FOR SPECIFICATIONS.				
WCO	WALL CLEANOUT	SEE PLANS	-	-	-	-	JR SMITH #4402C SERIES. STAINLESS STEEL. (OR APPROVED EQUAL)				
JAC	JACUZZI	2"	2"	2"	1"	1"	W/INTEGRATED SHUT-OFF AND WITH APPROVED MIXING VALVE. SPECIFICATION BY ARCHITECT, SEE ARCHITECTURAL PLANS				
I	BATH TUB	2"	2"	2"	3/4"	3/4"	W/INTEGRATED SHUT-OFF AND WITH APPROVED MIXING VALVE. SEE ARCHITECTURAL PLANS FOR SPECIFICATIONS.				
HB	HOSE BIBB	-	-	-	3/4"	-	W/ VACUUM BREAKER. SEE ARCHITECTURAL PLANS FOR SPECIFICATIONS.				
FS	FLOOR SINK	2"	1 1/2"	1 1/2"	-	-	W/ TRAP PRIMER. SEE ARCHITECTURAL PLANS FOR SPECIFICATIONS.				
ED	FLOOR DRAIN	2"	1 1/2"	1 1/2"	-	-	2" PRV MODEL WILKINS 500XLYSBR FOR MAIN HOUSE. PRV SHALL BE LEAD FREE. PRV SHALL BE SET AT 80 PSI FOR PROTECTION ONLY.				
PRV-1	PRESSURE REDUCING VALVE	-	-	-	-	-					

WATER FIXTURE COUNT			
NO.	FIXTURE	FU	TOTAL FU
5	WC	2.5	12.5
5	L	1.0	5.0
2	SH	2.0	4.0
1	MSH	2.0	2.0
2	I	4.0	8.0
1	JAC	10.0	10.0
1	IS	1.5	1.5
1	DW	1.5	1.5
1	W	4.0	4.0
1	HB	2.5	2.5
TOTAL FU =			51.0

COLD WATER DESIGN REQUIREMENTS			
(A)	PRESSURE AVAILABLE MINIMUM 70 PSI, MAXIMUM 90 PSI		
(B)	TOTAL FIXTURE UNIT FLUSH TANK 51.0 F.U.		
(C)	WATER DEMAND:		
	1. DOMESTIC	30	GPM
	2. MAKE UP AIR UNITS.	0	GPM
	3. TOTAL	30	GPM
(D)	RESIDUAL PRESSURE REQUIRED AT FARTHEST OUTLET:	25	PSI
(E)	PRESSURE LOSS TO HEIGHT 20 FT X 0.433	8.66	PSI
(F)	PRESSURE LOSS THRU WATER SOFTNER:	15	PSI
(G)	PRESSURE LOSS THRU BACK FLOW PREVENTER	N/A	PSI
(H)	PRESSURE LOSS THRU 2" WATER METER:	0	PSI
(I)	PRESSURE LOSS THRU 2" PRESSURE REDUCING STATION (SET @ 70 PSI):	5.0	PSI
(J)	TOTAL PRESSURE LOSS FROM ABOVE (ITEMS D THRU I):	53.66	PSI
(K)	PRESSURE AVAILABLE:	70.0	PSI
(L)	PRESSURE AVAILABLE FOR FRICTION LOSS (K MINUS J):	16.34	PSI
(M)	DEVELOPED PIPE LENGTH:		
	1. LENGTH OF RUN (MAIN/PRV TO LAST FIXTURE):	220	FT.
	2. EQUIVALENT LENGTH FOR FITTINGS 25%:	55	FT.
	3. TOTAL DEVELOPED LENGTH:	275	FT.
(N)	FRICTION LOSS PER ONE HUNDRED (100) FEET OF PIPE:	16.34 X 100 DIVIDED BY 275 =	5.9

COLD WATER SIZING			
PIPE SIZES BASED ON TYPE "L" COPPER @ 5.9 PSI/100 FT, 8 FPS MAXIMUM.			
FIXTURE UNITS	FIXTURE UNITS	FIXTURE UNITS	FIXTURE UNITS
1/2" = 0	1 1/4" = 39	1 1/2" = 78	2" = 254
3/4" = 8	1 1/2" = 78		
1" = 20			

HOT WATER SIZING			
PIPE SIZES BASED ON TYPE "L" COPPER @ 5.9 PSI/100 FT, 5 FPS MAXIMUM.			
FIXTURE UNITS	FIXTURE UNITS	FIXTURE UNITS	FIXTURE UNITS
1/2" = 0	1 1/4" = 28	1 1/2" = 46	2" = 119
3/4" = 8	1 1/2" = 46		
1" = 16	2" = 119		

GENERAL NOTES

- CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND DEPTH OF EXISTING LINES, LATERALS AND WYES BEFORE STARTING. SHOULD IT BE NECESSARY TO REROUTE LINES DUE TO CONDITIONS FOUND ON THE SITE OR IF INDICATED POINTS OF CONNECTIONS CANNOT BE MADE TO THE LINES AS NOTED, THE CONTRACTOR SHALL, BEFORE CONTINUING, NOTIFY THE ARCHITECT PRIOR TO INSTALLING ANY WORK WHICH MAY BE AFFECTED.
- PLUMBING DRAWINGS AND LAYOUTS ARE DIAGRAMMATIC TO SHOW DESIGN INTENT AND FINISHED CONDITIONS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS. IF FIELD CONDITIONS DIFFER SIGNIFICANTLY FROM THOSE SHOWN ON THE DRAWINGS AND AFFECT PLUMBING WORK, INFORM ARCHITECT IMMEDIATELY BEFORE PROCEEDING WITH THAT AREA.
- INSTALL SHUT-OFF VALVES AT EACH COLD AND HOT WATER SUPPLY BRANCH RISER.
- INSTALL WATER HAMMER ARRESTERS ON EACH COLD AND HOT WATER FIXTURE BRANCH AS RECOMMENDED BY PLUMBING AND DRAINAGE INSTITUTE WH-210 STANDARD. DEVICES SHALL BE FACTORY MADE WITH PERMANENT CUSHION OF GAS OR AIR. PROVIDE ACCESS PANEL. (OR APPROVED ON-SITE FABRICATED WATER HAMMER ARRESTER)
- a) SEWER, WASTE, STORM DRAIN AND VENT PIPES TO BE CAST IRON, NO HUB, AND AS SPECIFIED. b) HOT AND COLD WATER TO BE COPPER TYPE "L" FOR ABOVE GRADE AND TYPE "K" FOR BELOW GRADE AND AS SPECIFIED. c) CONDENSATE PIPE TO BE COPPER TUBING TYPE "M" FOR AIR CONDITIONING UNITS WITH 1/8" SLOPE PER FOOT. d) GATE VALVE SHALL BE BRONZE WITH ENDS TO SUITE PIPE, NON-RISING STEM FOR 150 PSI WORKING PRESSURE. e) GAS PIPE TO BE BLACK STEEL, SCHEDULE 40
- PRIOR TO INSTALLATION OR FABRICATION OF ANY EQUIPMENT OR PIPING, PLUMBING CONTRACTOR TO PREPARE SHOP DRAWINGS SHOWING ALL BEAMS, FOOTINGS OR FOOTING STEMS PENETRATIONS, OPENINGS OR PIPE SLEEVES REQUIRED FOR PLUMBING INSTALLATIONS. SUBMIT SHOP DRAWINGS TO GENERAL CONTRACTOR AND ARCHITECT FOR COORDINATION 30 DAYS PRIOR TO POURING OF FOOTINGS AND GRADE BEAMS. SHOP DRAWING SHALL INCLUDE: a. ELEVATIONS, SIZES, LOCATIONS AND NUMBER OF PIPE SLEEVES, PENETRATIONS AND OPENINGS. a. ALL WORK SHALL COMPLY WITH APPLICABLE LOCAL, STATE AND HEALTH CODES.
- VENTS SHALL BE 10'-0" AWAY OR 3'-0" ABOVE A/C AIR INTAKES, WINDOW OR DOOR OPENINGS AND OSA INTAKE.
- PROVIDE ACCESS PANELS IN WALLS OR CEILING FOR SHUT-OFF VALVES, TRAP PRIMERS AND WATER HAMMER ARRESTERS. CONTRACTOR IS ADVISED THAT ITEMS REQUIRING ACCESS SHALL NOT BE LOCATED ABOVE AREAS OF GYPSUM BOARD CEILING WITHOUT CONSENT OF ARCHITECT. COORDINATE ACCESS PANEL LOCATION WITH ARCHITECT.
- ALL PIPING SYSTEMS SHALL BE PRESSURE TESTED.
- PROVIDE 1" THICK INSULATION FOR ALL CONDENSATE DRAIN LINES LOCATED ABOVE CEILING.
- HORIZONTAL SEWER DRAINAGE PIPING SHALL HAVE A UNIFORM SLOPE OF NOT LESS THAN 2% TOWARD THE POINT OF DISPOSAL.
- ALL CLEANOUTS SHALL BE ACCESSIBLE AND INSTALLED PER UPC SECTION 707.0 AND 719.0
- PROVIDE TRAP ARM, TAIL PIECE AND HOT WATER PIPING PROTECTION FOR HANDICAP ACCESSIBLE SINKS AND LAVATORIES
- TESTING: ALL SEWERS AND WATER PIPING SHALL BE PROPERLY TESTED TO THE SATISFACTION OF THE ARCHITECT AND THE LOCAL BUILDING INSPECTOR.
- EXCAVATION AND BACK FILLING TRENCHES SHALL BE BACK FILLED IN 6" LIFTS & COMPACTED TO 30% MIN. DENSITY PER SOILS REPORT RECOMMENDATIONS. NO PIPE SHALL BE LESS THAN 12" BELOW FINISH GRADE.
- THESE DRAWINGS ARE FOR BIDDING PURPOSE ONLY. THEY ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT MANY OFFSETS, BONUSES, UNIONS, SPECIFIC FITTINGS AND EXACT LOCATIONS ARE NOT INDICATED.
- SUBMITTALS AND SHOP DRAWINGS SHALL BE MADE, AS SOON AS POSSIBLE BUT WITHIN 21 DAYS AFTER AWARD OF THE CONTRACT, AND BEFORE PURCHASING MATERIALS. THE CONTRACTOR SHALL SUBMIT TO ARCHITECT 6 BOUND BOOKLETS FOR APPROVAL AND CONTAINING A COMPLETE LIST OF MATERIALS, SPECIALTIES AND EQUIPMENT TO BE FURNISHED FOR INSTALLATION. ALL SUBMITTALS SHALL BE MADE AT ONE TIME. NO DEVIATION OF PLUMBING FIXTURES WILL BE ACCEPTED.
- PLUMBING CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BASE BID. HE SHALL FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS AND FUTURE WORK TO BE DONE. HE SHALL INCLUDE ALL HIS SITE INFORMATION AND CONDITIONS WITHIN HIS BASE BID. HE SHALL BE RESPONSIBLE FOR COMPLETE AND FULLY FUNCTIONING PLUMBING SYSTEMS.
- PLUMBING CONTRACTOR SHALL COORDINATE COMPLETE PLUMBING INSTALLATION AND REQUIREMENTS PRIOR TO BASE BID WITH ALL LOCAL DISTRICTS AND GOVERNING AUTHORITIES. INCLUDE ALL FINDINGS WITHIN THE BASE BID.
- ALL PLUMBING SHALL BE INSTALLED SO AS TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CEILING ACCESS PANELS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN AND ELECTRICAL LIGHTING PLAN.
- CONNECTION BETWEEN INCOMPATIBLE MATERIALS ABOVE GRADE AND INSIDE BUILDING SHALL BE MADE WITH TWO DIELECTRIC UNIONS SEPARATED BY A 12" SECTION OF RED BRASS PIPE.
- CONTRACTOR SHALL PROVIDE ALL VALVES, GAS COCKS, BACKFLOW PREVENTION DEVICES AND INDIRECT WASTE LINES AS REQUIRED.
- ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATION OF EQUIPMENT, CABINET, ETC., WITH THE ARCHITECT PRIOR TO ANY INSTALLATION.
- HOT WATER PIPE INSULATION MUST BE BASED ON INSULATION OF R VALUES BETWEEN 4.0 AND 4.6. a) AT 1" OR SMALLER PIPES, 1" INSULATION THICKNESS. b) AT 1 1/4" TO 6" PIPES, 1 1/2" INSULATION THICKNESS.
- COLD WATER PIPE SHALL BE INSULATED USING 1" THICK INSULATION.
- CONTRACTOR SHALL COORDINATE WITH GAS COMPANY FOR LOCATION OF GAS METERS.
- CONTRACTOR SHALL COMPLY WITH ALL THE SOUND CONSULTANT REQUIREMENTS. OBTAIN A SOUND CONSULTANT REQUIREMENT PACKAGE FROM OWNER PRIOR TO BID.
- PROVIDE CLEANOUT EVERY 100' AND AT EVERY 90° BEND FOR THE SUB-SURFACE DRAIN.
- PROVIDE CLEANOUT WHERE THE PIPE SIZE INCREASES IN THE HORIZONTAL SEWER & STORM DRAIN LINE.
- PRIOR TO PIPING FABRICATION, EQUIPMENT INSTALLATION OR PIPE INSTALLATION, PLUMBING CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES AND CEILING CLEARANCES AND PROVIDE COMPLETE SHOP DRAWINGS. OBTAIN APPROVAL FOR SHOP DRAWING FROM ARCHITECT/ENGINEER. PIPE MAY BE RE-ROUTED IN ORDER TO MAINTAIN REQUIRED SPACE, VERIFY WITH ENGINEER. NO EXTRA COST IS ALLOWABLE FOR LACK OF COORDINATION AFTER SHOP DRAWINGS ARE SUBMITTED.
- SITE INSPECTION: CONTRACTORS SHALL VISIT THE SITE OF WORK PRIOR TO SUBMISSION OF HIS BID AND THOROUGHLY FAMILIARIZE THEMSELVES WITH THE WORKING CONDITIONS AND EXACT NATURE OF THE WORK. SUBMISSION OF A BID ACKNOWLEDGES FULL RESPONSIBILITY FOR FURNISHING A COMPLETE AND FUNCTIONAL SYSTEM. NO CHANGES IN CONTRACT WILL BE MADE TO ACCOMMODATE OR ALLOW EXTRA FUNDS FOR ANY SUBMISSION WHICH RESULTS FROM A FAILURE TO THOROUGHLY MAKE THE EXAMINATION.
- CONTRACTOR SHALL PROVIDE SHOP DRAWING FOR BEAM PENETRATION FOR STRUCTURE ENGINEER APPROVAL PRIOR TO ANY PIPE FABRICATION AND INSTALLATION.
- INSULATION MATERIAL SHALL MEET THE CALIFORNIA QUALITY STANDARD PER SECTION 118 ENERGY EFFICIENCY STANDARDS (E.E.S.)
- CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT. (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103).
- COMBUSTION AIR FOR FUEL BURNING WATER HEATER WILL BE PROVIDED IN ACCORDANCE WITH UPC SECTION 507 AND TABLE 5-1.
- COORDINATE WITH ARCHITECT FOR FIXTURES SPECIFICATION.

PLUMBING LEGEND

SYMBOL	ABBREV.	DESCRIPTION
	S. OR W.	SOIL OR WASTE ABOVE FLOOR
	S. OR W.	SOIL OR WASTE BELOW FLOOR
	S.D.	STORM DRAIN
	O.D.	OVERFLOW DRAIN
	V.	VENT
	C.W.	COLD WATER
	H.W.	HOT WATER
	H.W.R.	HOT WATER RETURN
	I.W.	INDIRECT WASTE
	F.	FIRE LINE
	G.	GAS LINE LOW PRESSURE
	F.C.O.	FLOOR CLEANOUT
	W.C.O.	WALL CLEANOUT
	H.B.	HOSE BIBB
	S.O.V.	SHUT-OFF VALVE
	G.L.V.	GLOBE VALVE
	B.C.	BALANCING COCK
	C.H.V.	CHECK VALVE
	P.R.V.	PRESSURE REDUCING VALVE
	P.REL.V.	PRESSURE RELIEF VALVE
	P.T.R.V.	PRESS. TEMP. RELIEF VALVE
	G.C.	GAS COCK
	DN.	DOWN
		RISE
	CD	CONDENSATE DRAIN
	A.B.	ACCESS BOX
	A.P.	ACCESS PANEL
	BEL	BELOW
	B.F.P.	BACKFLOW PREVENTER
	C.F.H.	CUBIC FEET PER HOUR
	C.I.	CAST IRON
	CLG.	CEILING
	CONT.	CONTINUATION
	C.O.T.G.	CLEANOUT TO GRADE
	D.S.	DOWNSPOUT
	E.	PREFIX "E" DENOTES EXIST.
	EXIST.	EXISTING
	FLR.	FLOOR
	FIN.FLR.	FINISHED FLOOR
	FIN.GR.	FINISHED GRADE
	F.U.	FIXTURE UNIT
	G.H.V.	GARDEN HOSE VALVE
	G.P.M.	GALLONS PER MINUTE
	G.P.H.	GALLONS PER HOUR
	HDR.	HEADER
	I.E.	INVERT ELEVATION
	M.H.	MANHOLE
	N.I.C.	NOT IN CONTRACT
	V.T.R.	VENT THRU ROOF
	W.H.A.	WATER HAMMER ARRESTER
	P.O.C.	NEW AND EXISTING
	PD	PLANTER DRAIN
	OD	OVERFLOW DRAIN
	SD	STORM DRAIN
	RD	ROOF DRAIN
	F.S.	FLOOR SINK
	F.D.	FLOOR DRAIN
	TP	TRAP PRIMER
	D.D.	DECK DRAIN

PIPE RISER LEGEND

	CW	COLD WATER RISER
	HW	HOT WATER RISER
	HWR	HOT WATER RETURN RISER
	G	GAS RISER
	W	SANITARY WASTE RISER
	V	VENT RISER

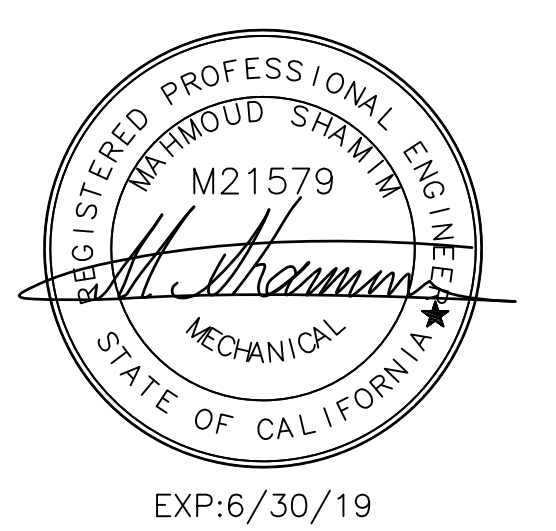
SHEET INDEX	
PO.1	SCHEDULE, NOTES & LEGEND
PO.2	SCHEDULE, NOTES & LEGEND
P1.0	SITE PLAN
P2.0	ROOF PLAN
P3.0	PENTHOUSE LEVEL (WATER & GAS)
P3.1	PENTHOUSE LEVEL (WASTE & VENT)
P4.0	ENTRY LEVEL (WATER & GAS)
P4.1	ENTRY LEVEL (WASTE & VENT)
P5.0	MEZZANINE LEVEL (WATER & GAS)
P5.1	MEZZANINE LEVEL (WASTE & VENT)
P6.0	LIVING ROOM LEVEL (WATER & GAS)
P6.1	LIVING ROOM LEVEL (WASTE & VENT)
P7.0	BASEMENT LEVEL (WATER & GAS)
P7.1	BASEMENT LEVEL (WASTE & VENT)
P8.0	COLD WATER RISER DIAGRAM
P8.1	HOT WATER & GAS RISER DIAGRAM
P8.2	WASTE & VENT RISER DIAGRAM
P9.0	DETAIL SHEET
P9.1	DETAIL SHEET

SEWER FIXTURE COUNT			
NO.	FIXTURE	FU	TOTAL FU
5	WC	3.0	15.0
5	L	1.0	5.0
2	I	2.0	4.0
1	JAC	2.0	2.0
3	SH	2.0	6.0
1	IS/DW	2.0	2.0
3	W	3.0	3.0
1	SPA	2.0	2.0
1	FS	2.0	2.0
2	ED	2.0	4.0
TOTAL FU =			44.0

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGEBACH
8645 EASET COPPER CREST
EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE 2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 674-7238 WWW.TOMWISCOMBE.COM	STRUCTURAL ENGINEER: NOUS 527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-6867 WWW.NOUSENGINEERING.COM	CIVIL ENGINEER: TALISMAN CIVIL 5217 SOUTH STATE STREET MURRAY, UT 84107 (801) 743-1300 WWW.TALISMANCIVIL.COM	MECHANICAL / PLUMBING: SHAMIM ENGINEERING CONSULTANTS INC. 5530 CORBIN AVE., SUITE 300 TAZARUA, CA 91356 (818) 786-6776 WWW.SHAMIMENGINEERING.COM	ELECTRICAL: ABRARI ENGINEERING GLENDALE, CA (123) 456-7894 WWW.ABRARI.COM	NGBS CONSULTING: ARGENTO/GRAHAM 811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (800) 536-2576 WWW.ARGENTOGRAHAM.COM	GEOTECHNICAL: IGES 2702 SOUTH 103RD WEST SUITE 10 SOUTH SALT LAKE, UT 84020 (801) 270-9400 WWW.IGESINC.COM	LANDSCAPE ARCHITECT: LDG 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1295	LIGHTING DESIGNER: KGM 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1295 WWW.KGMLIGHTING.COM
--	--	---	--	---	---	---	--	---



PLAN REVIEW ACCEPTANCE
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input checked="" type="checkbox"/> ACCESSIBILITY	<input checked="" type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

SCHEDULES, NOTES, & LEGEND

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P0.1

PIPE MATERIAL SCHEDULE				
SERVICE	PIPE	FITTINGS	LOCATION	REMARKS
WASTE & VENT WASTE	CAST IRON HUBLESS	CAST IRON HUBLESS ABS	ABOVE GRADE BELOW GRADE/ CRAWL SPACE	
HOT AND COLD WATER	COPPER TYPE "L" HARD DRAWN	WROUGHT COPPER	ABOVE GRADE	
COLD WATER	COPPER TYPE "K" HARD DRAWN	WROUGHT COPPER	BELOW GRADE	
CONDENSATE DRAIN	COPPER TYPE "M" HARD DRAWN	WROUGHT COPPER	ABOVE GRADE	
ROOF DRAIN	CAST IRON HUBLESS	CAST IRON HUBLESS	ABOVE GRADE BELOW GRADE	
OVERFLOW DRAIN	ABS	ABS	ABOVE GRADE	
GAS	BLACK STEEL SCH. 40 YELLOW POLY PIPE	MALLABLE IRON YELLOW POLY PIPE	ABOVE GRADE BELOW GRADE	OBTAIN APPROVAL FROM INSPECTOR FOR THE USE OF YELLOW POLY PIPE PIPE OUTSIDE THE BLDG.

NOTE: ALL MATERIALS SHALL BE IAPMO LISTED OR LEAD FREE.

PIPING SOUND ISOLATION NOTES
<p>1. FOR SUPPLY WATER PIPING 1" DIAMETER OR SMALLER, USE THE "ACOUSTO-PLUMB" SYSTEM OF ORANGE AND BLUE PLASTIC PIPE ISOLATORS, HOLDERS, AND GUIDES AS MANUFACTURED BY "SPECIALTY PRODUCTS" COMPANY OR EQUAL.</p> <p>MOST COMMONLY USED ISOLATORS BY "SPECIALTY PRODUCTS":</p> <p>A. TYPE "AE" - CHROME OR PLASTIC SCUTCHEON, "ACOUSTO-SCUTCHEON". B. TYPE "AC" - ISOLATED CLAMP WITH SCREW ATTACHMENT, "ACOUSTO-CLAMP." C. TYPE "AL" - ISOLATED SPLITTED PIPE SLEEVE, "ACOUSTO-LATOR." D. TYPE "AS" - ISOLATED PIPE SLEEVE, "ACOUSTO-SLEEVE".</p> <p>2. ISOLATE WASTE PIPES AND SUPPLY WATER PIPES MORE THAN 1" IN DIAMETER WITH THE "STONEMAN TRISOLATOR SYSTEM" OF PIPE ISOLATORS, AS MANUFACTURED BY "STONEMAN ENGINEERING AND MANUFACTURING" OR EQUAL.</p> <p>3. USE ISOLATED PIPE CLEVIS HANGER, SIMILAR TO "TOLCO" CLEVIS HANGER WITH FELT LINING.</p> <p>4. THIN-WALLED COPPER WASTE AND DRAIN PIPING MUST BE COMPLETELY WRAPPED USING ACOUSTICAL PIPE WRAP.</p> <p>5. DO NOT ALLOW THE PIPING, PIPE CONNECTORS, PIPE HANGERS, OR VALVES TO DIRECTLY TOUCH THE STRUCTURE, STUDS, GYPSUM BOARD, OR OTHER PIPES.</p> <p>6. INSTALL 3-1/2" BATT INSULATION IN OTHERWISE UNINSULATED STUD AND JOIST SPACES CONTAINING WATER PIPING.</p> <p>7. DO NOT LOCATE SUPPLY OR WASTE WATER PIPES CLOSER THAN 2" FROM GYPSUM BOARD IN WALLS OR CEILINGS OF ACOUSTICALLY SENSITIVE ROOMS, SUCH AS LIVING ROOMS, DINNING ROOMS AND BEDROOMS.</p> <p>8. IN NO CASE SHOULD THE PLUMBING PIPING OF ONE UNIT BE CLOSER THAN 1" OF ANOTHER UNIT.</p> <p>9. NO STRAP HANGERS, PUNCHED TAPE OR WIRES WILL BE ACCEPTED.</p> <p>10. BRANCH WATER PIPING IN PARTITIONS AND CHASES SHALL BE ADEQUATELY SUPPORTED USING SPECIFIED HANGERS AND CLAMPS. PROVIDE NECESSARY STEEL BACKING PLATES OR CHANNELS ANCHORED TO STUDS, FLOORS, OR PLUMBING VENTS, IN AN APPROVED MANNER. ISOLATE PIPING FROM STRUCTURE AND OTHER PIPING AND BUILDING COMPONENTS WITH "ACOUSTO-PLUMB" PRODUCTS.</p>

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGENBACH
8645 EASET COPPER CREST
EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE 2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 674-7238 WWW.TOMWISCOMBE.COM	STRUCTURAL ENGINEER: NOUS 527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-6867 WWW.NOUSENGINEERING.COM	CIVIL ENGINEER: TALISMAN CIVIL CONSULTANTS 5217 SOUTH STATE STREET MURRAY, UT 84107 (801) 743-1300 WWW.TALISMANCIVIL.COM	MECHANICAL / PLUMBING: SHAMIM ENGINEERING CONSULTANTS INC. 5530 CORBIN AVE., SUITE 300 TARZANA, CA 91356 (818) 786-6778 WWW.SHAMIMENGINEERING.COM	ELECTRICAL: ABRARI ENGINEERING GLENDALE, CA (123) 456-7894 WWW.ABRARI.COM	NGBS CONSULTING: ARGENTO/GRAHAM 811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 536-2578 WWW.ARGENTOGRAHAM.COM	GEOTECHNICAL: IGES 2702 SOUTH 1030 WEST SUITE 10 SOUTH SALT LAKE, UT 84020 (801) 270-9400 WWW.IGESINC.COM	LANDSCAPE ARCHITECT: LDG 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1295	LIGHTING DESIGNER: KGM 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1295 WWW.KGMLIGHTING.COM
--	--	--	---	--	---	--	--	---

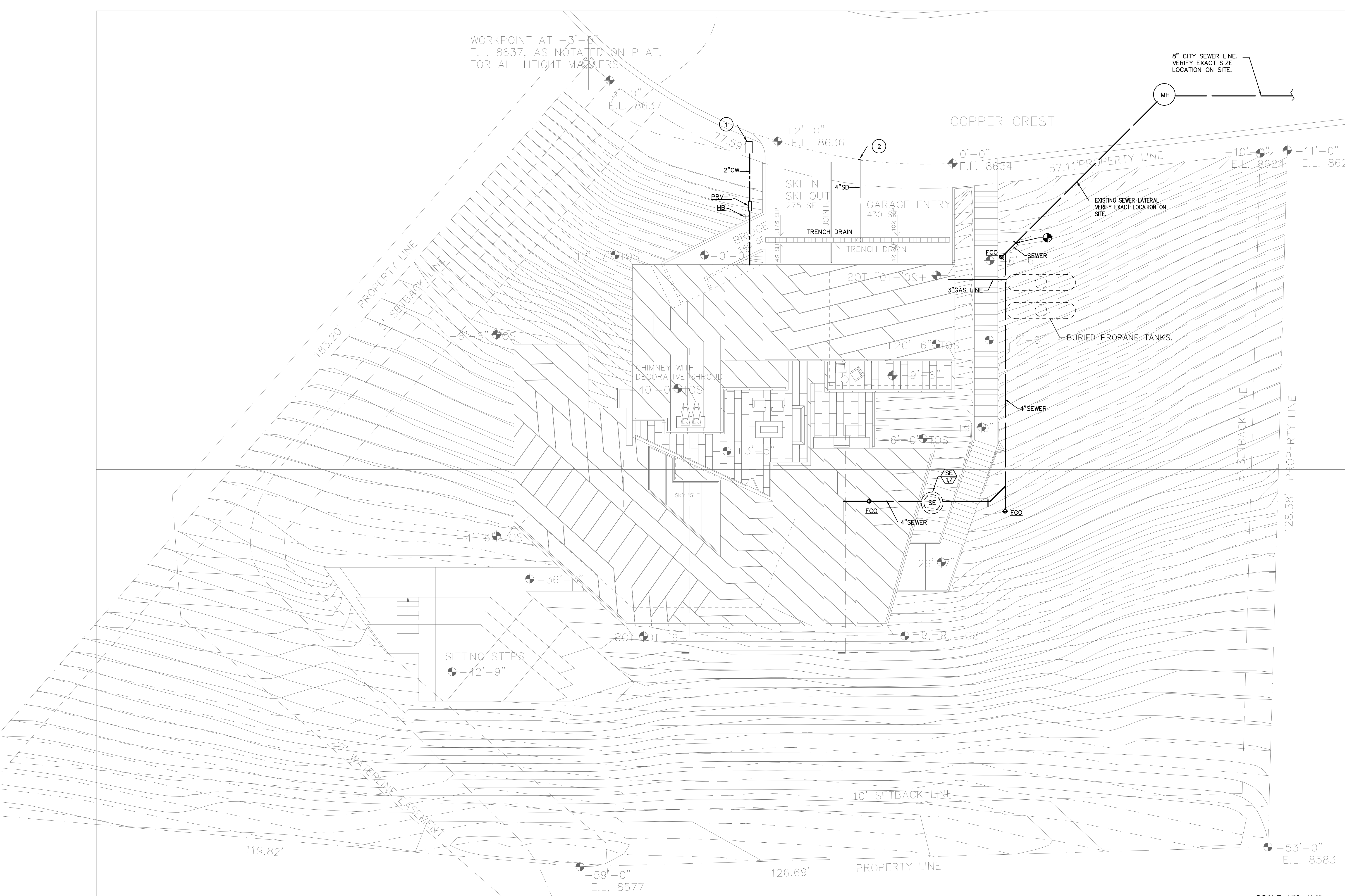


EXP:6/30/19



SCHEDULES, NOTES, & LEGEND

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P0.2



- NUMBERED NOTES:**
- 1 WATER METER. VERIFY EXACT LOCATION WITH ARCHITECT.
 - 2 4" STORM DRAIN PIPE TERMINATE TO STREET CURB FACE.

SCALE: 1/8" = 1'-0"

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGEBACH
8645 EASET COPPER CREST
EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE <small>2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM</small>	STRUCTURAL ENGINEER: NOUS <small>527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM</small>	CIVIL ENGINEER: TALISMAN CIVIL CONSULTANTS <small>5217 SOUTH STATE STREET MIRRAY, UT 84107 (801) 745-1300 WWW.TALISMANCIVIL.COM</small>	MECHANICAL / PLUMBING: SHAMIM ENGINEERING CONSULTANTS INC. <small>5620 CORBIN AVE., SUITE 300 TARZANA, CA 91356 (818) 798-6778 WWW.SHAMIMENGINEERING.COM</small>	ELECTRICAL: ABRARI ENGINEERING <small>CLENDALE, CA (125) 458-7864 WWW.ABRARI.COM</small>	NGBS CONSULTING: ARGENTO/GRAHAM <small>811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 538-2570 WWW.ARGENTOGRAHAM.COM</small>	GEOTECHNICAL: IGES <small>2702 SOUTH 10300 WEST SUITE 10 SOUTH SALT LAKE, UT 84020 (801) 270-9400 WWW.IGES.COM</small>	LANDSCAPE ARCHITECT: LDG <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256</small>	LIGHTING DESIGNER: KGM <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM</small>
--	--	---	--	--	---	--	---	---



PLAN REVIEW ACCEPTANCE
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

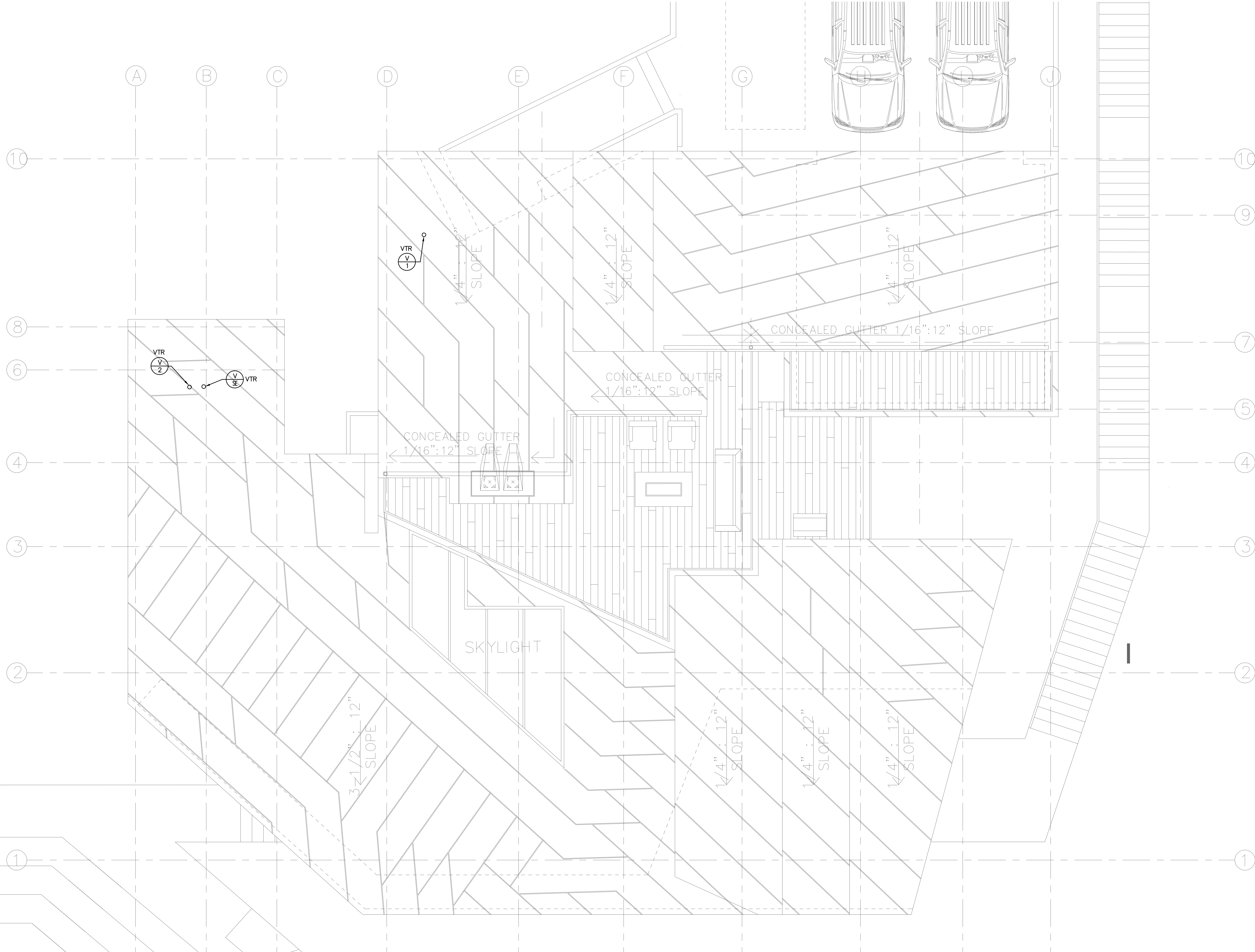
BUILDING STRUCTURAL
 MECHANICAL PLUMBING
 ELECTRICAL ENERGY
 ACCESSIBILITY FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

SITE PLAN

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
		SCALE:	DRAWN:
		AS SHOWN	G.F.
		SHEET:	
		P1.0	



SCALE: 1/4" = 1'-0"

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGEBACH
 8845 EASET COPPER CREST
 EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE <small>2404 WILSHIRE BLVD., SUITE 40 LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM</small>	STRUCTURAL ENGINEER: NOUS <small>527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM</small>	CIVIL ENGINEER: TALISMAN <small>527 W 7TH STREET MIRRAY, UT 84107 (801) 745-1300 WWW.TALISMANCIVIL.COM</small>	MECHANICAL / PLUMBING: SHAMIM <small>5630 CORBIN AVE., SUITE 300 TARZANA, CA 91356 (818) 798-8778 WWW.SHAMIMENGINEERING.COM</small>	ELECTRICAL: ABRARI ENGINEERING <small>CLENDALE, CA (125) 458-7864 WWW.ABRARI.COM</small>	NGBS CONSULTING: ARGENTO/GRAHAM <small>811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2670 WWW.ARGENTOGRAHAM.COM</small>	GEOTECHNICAL: IGES <small>2702 SOUTH 1030 WEST SUITE 10 SOUTH SALT LAKE, UT 84020 (801) 270-9400 WWW.IGES.COM</small>	LANDSCAPE ARCHITECT: LDG <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256</small>	LIGHTING DESIGNER: KGM <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGM-LIGHTING.COM</small>
---	---	---	--	--	--	--	---	---



PLAN REVIEW ACCEPTANCE
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

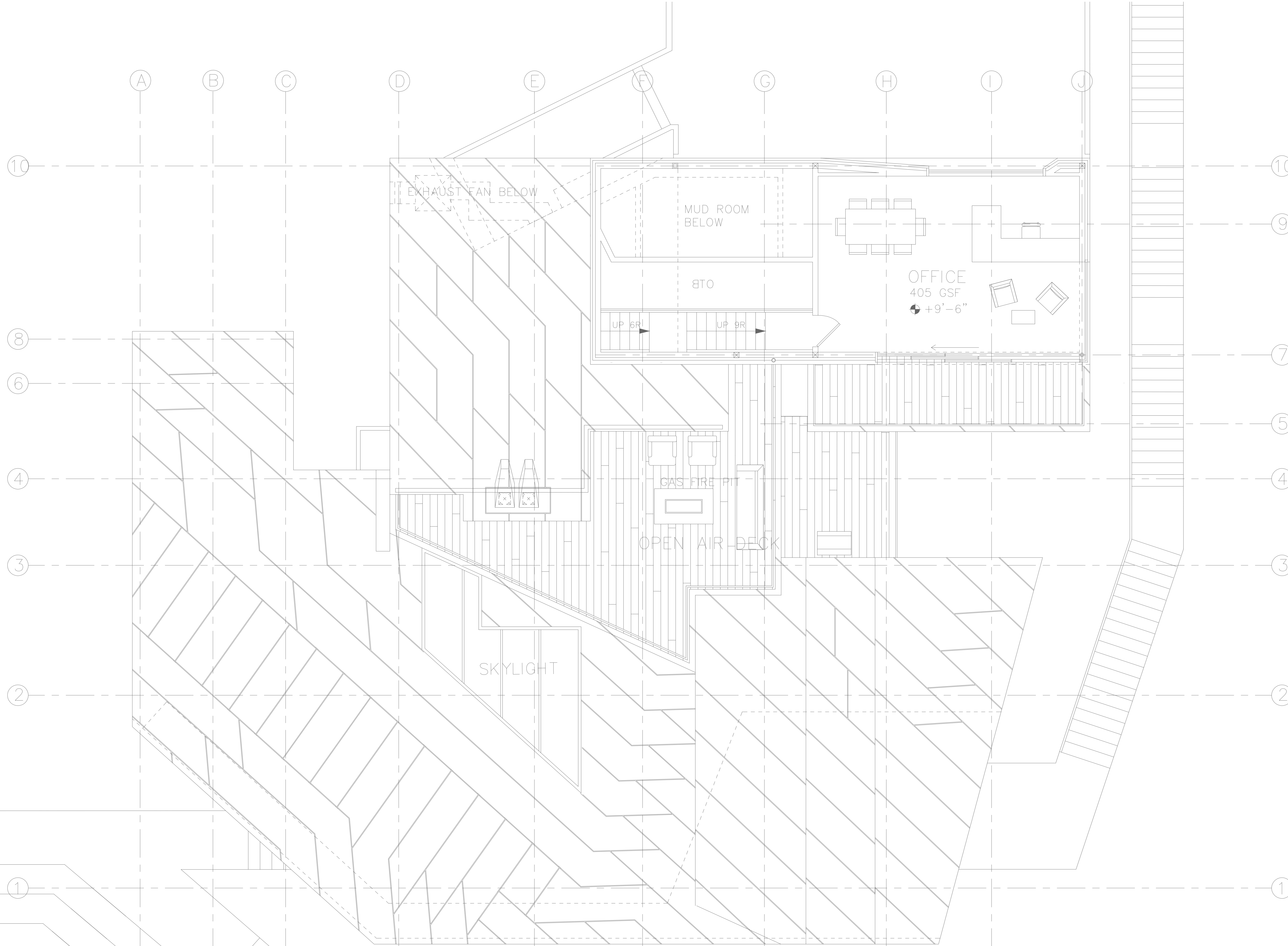
<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

ROOF PLAN

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET: P2.0

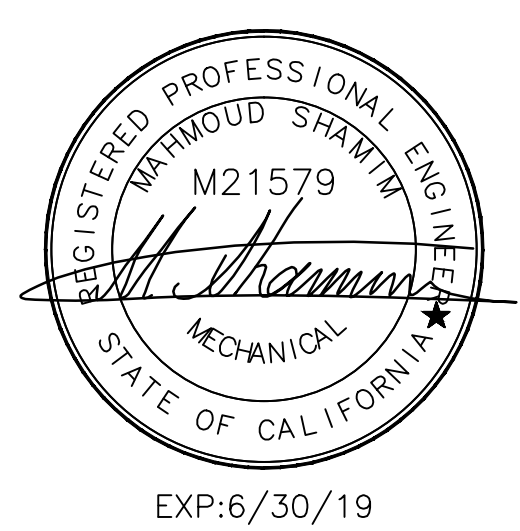


SCALE: 1/4" = 1'-0"

**(WATER & GAS)
PENTHOUSE LEVEL**

POWDER MOUNTAIN HOUSE OWNER: **TOM BUTTGENBACH**
8845 EASET COPPER CREST EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE 2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM	STRUCTURAL ENGINEER: NOUS 527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM	CIVIL ENGINEER: TALISMAN CIVIL CONSULTANTS 5217 SOUTH STATE STREET MIRRAY, UT 84107 (801) 743-1300 WWW.TALISMANCIVIL.COM	MECHANICAL / PLUMBING: SHAMIM ENGINEERING CONSULTANTS INC. 5630 CORBIN AVE., SUITE 300 TAZARNA, CA 91356 (818) 788-6778 WWW.SHAMIMENGINEERING.COM	ELECTRICAL: ABRARI ENGINEERING CLENDALE, CA (125) 458-7864 WWW.ABRARI.COM	NGBS CONSULTING: ARGENTO/GRAHAM 811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2570 WWW.ARGENTOGRAHAM.COM	GEOTECHNICAL: IGES 2702 SOUTH 103RD WEST SUITE 10 SOUTH SALT LAKE, UT 84020 (801) 270-9400 WWW.IGES.COM	LANDSCAPE ARCHITECT: LDG 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256	LIGHTING DESIGNER: KGM 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM
--	--	---	--	---	---	--	--	---



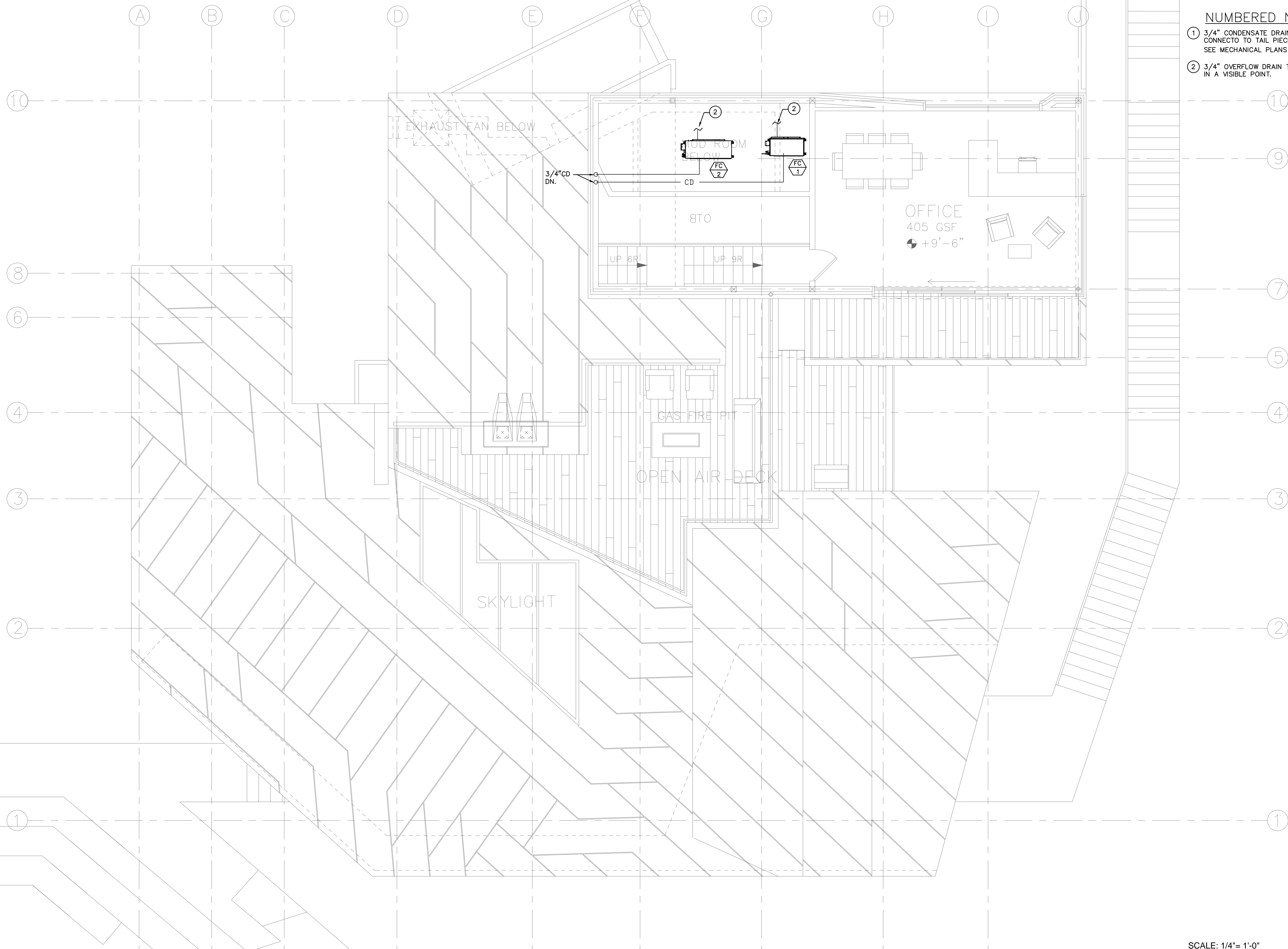
PLAN REVIEW ACCEPTANCE
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P3.0



- NUMBERED NOTES:**
- ① 3/4" CONDENSATE DRAIN DOWN TO FLOOR BELOW AND CONNECT TO TAIL PIECE OF LAVATORY. SEE MECHANICAL PLANS FOR EXACT LOCATION OF UNITS.
 - ② 3/4" OVERFLOW DRAIN TERMINATE ABOVE SHOWER OR IN A VISIBLE POINT.

SCALE: 1/4" = 1'-0"

(WASTE & VNET)

PENTHOUSE LEVEL

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P3.1

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGEBACH
8845 EASET COPPER CREST
EDEN, UT 84310

<p>ARCHITECT: TOM WISCOMBE ARCHITECTURE 2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM</p>	<p>STRUCTURAL ENGINEER: NOUS 527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM</p>	<p>CIVIL ENGINEER: TALISMAN 5217 SOUTH STATE STREET MIRRAY, UT 84107 (801) 745-1300 WWW.TALISMANCIVIL.COM</p>	<p>MECHANICAL / PLUMBING: SHAMIM 5630 CORBIN AVE., SUITE 300 TARZANA, CA 91356 (818) 798-6778 WWW.SHAMIMENGINEERING.COM</p>	<p>ELECTRICAL: ABRARI ENGINEERING CLENDALE, CA (126) 458-7864 WWW.ABRARI.COM</p>	<p>NGBS CONSULTING: ARGENTO/GRAHAM 811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2670 WWW.ARGENTOGRAHAM.COM</p>	<p>GEOTECHNICAL: IGES 2702 SOUTH 1030 WEST SUITE 10 SOUTH SALT LAKE, UT 84120 (801) 270-9400 WWW.IGES.COM</p>	<p>LANDSCAPE ARCHITECT: LDG 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256</p>	<p>LIGHTING DESIGNER: KGM 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM</p>
---	---	--	--	---	--	--	--	--



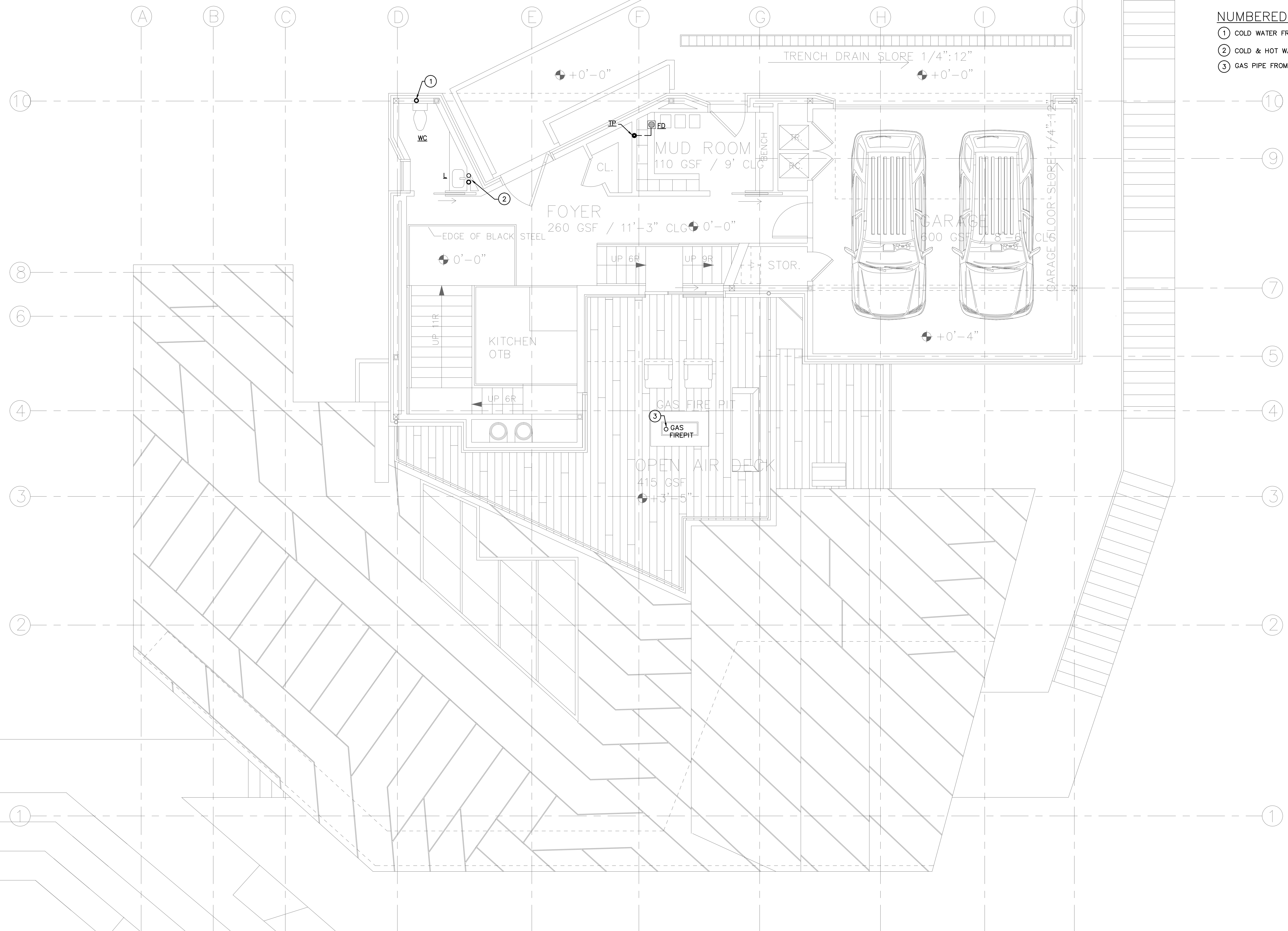
EXP:6/30/19

PLAN REVIEW ACCEPTANCE
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.



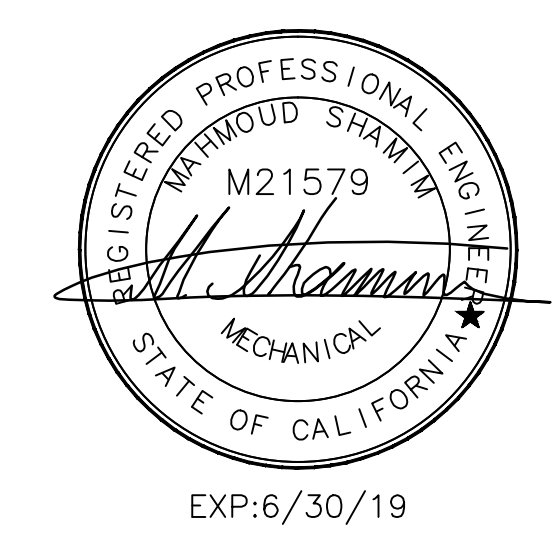
NUMBERED NOTES:

- ① COLD WATER FROM BELOW.
- ② COLD & HOT WATER FROM BELOW.
- ③ GAS PIPE FROM BELOW.

SCALE: 1/4" = 1'-0"

**(WATER & GAS)
ENTRY LEVEL**

<h1>POWDER MOUNTAIN HOUSE</h1>		OWNER: TOM BUTTGEBACH 8845 EASET COPPER CREST EDEN, UT 84310						
ARCHITECT: TOM WISCOMBE ARCHITECTURE <small>2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM</small>	STRUCTURAL ENGINEER: NOUS <small>527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM</small>	CIVIL ENGINEER: TALISMAN CIVIL CONSULTANTS <small>5217 SOUTH STATE STREET MIRRAY, UT 84107 (801) 745-1300 WWW.TALISMANCIVIL.COM</small>	MECHANICAL / PLUMBING: SHAMIM ENGINEERING CONSULTANTS INC. <small>5620 CORBIN AVE., SUITE 300 TAZARNA, CA 91356 (818) 788-8778 WWW.SHAMIMENGINEERING.COM</small>	ELECTRICAL: ABRARI ENGINEERING <small>CLENDALE, CA (125) 458-7864 WWW.ABRARI.COM</small>	NGBS CONSULTING: ARGENTO/GRAHAM <small>811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2678 WWW.ARGENTOGRAHAM.COM</small>	GEOTECHNICAL: IGES <small>2702 SOUTH 103RD WEST 10 SOUTH SALT LAKE, UT 84020 (801) 270-9400 WWW.IGESINC.COM</small>	LANDSCAPE ARCHITECT: LDG <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256</small>	LIGHTING DESIGNER: KGM <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM</small>



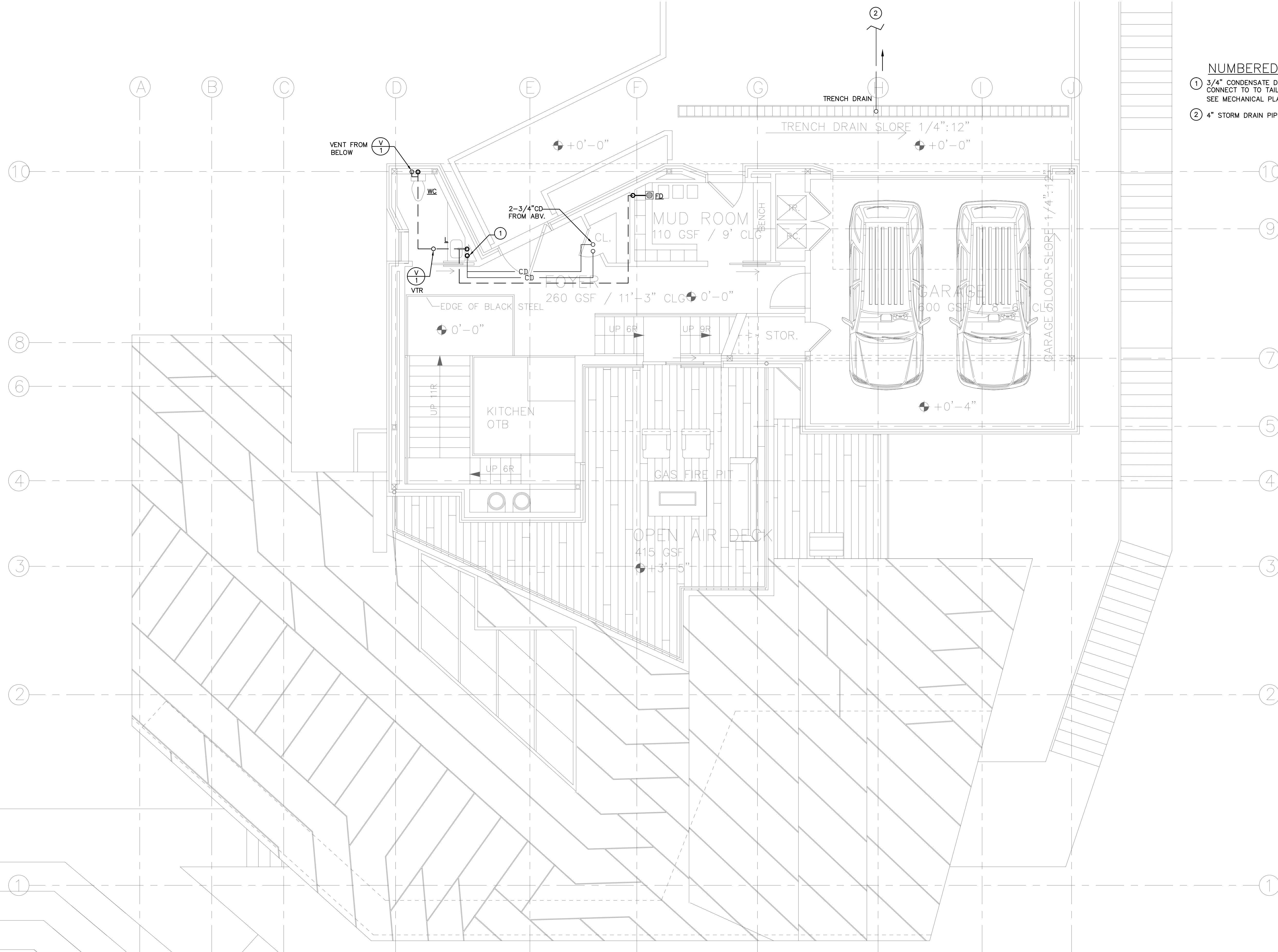
PLAN REVIEW ACCEPTANCE
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P4.0



- NUMBERED NOTES:**
- ① 3/4" CONDENSATE DRAIN DOWN FROM FC IN FLOOR ABOVE AND CONNECT TO TAIL PIECE OF LAVATORY. SEE MECHANICAL PLANS FOR EXACT LOCATION OF UNITS.
 - ② 4" STORM DRAIN PIPE TERMINATE TO STREET CURB FACE.

SCALE: 1/4" = 1'-0" (WASTE & VENT)

ENTRY LEVEL

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGEBACH
8845 EASET COPPER CREST
EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE 2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM	STRUCTURAL ENGINEER: NOUS 527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM	CIVIL ENGINEER: TALISMAN CIVIL CONSULTANTS 5217 SOUTH STATE STREET MIRRAY, UT 84107 (801) 743-1300 WWW.TALISMANCIVIL.COM	MECHANICAL / PLUMBING: SHAMIM ENGINEERING CONSULTANTS INC. 5620 CORBIN AVE., SUITE 300 TARZANA, CA 91356 (818) 798-6778 WWW.SHAMIMENGINEERING.COM	ELECTRICAL: ABRARI ENGINEERING 811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2570 WWW.ABRARI.COM	NGBS CONSULTING: ARGENTO/GRAHAM 2702 SOUTH 1030 WEST SUITE 10 SOUTH SALT LAKE, UT 84120 (801) 270-9400 WWW.ARGENTOGRAHAM.COM	GEOTECHNICAL: IGES 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.IGESINC.COM	LANDSCAPE ARCHITECT: LDG 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256	LIGHTING DESIGNER: KGM 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM
--	--	--	---	---	---	---	--	---



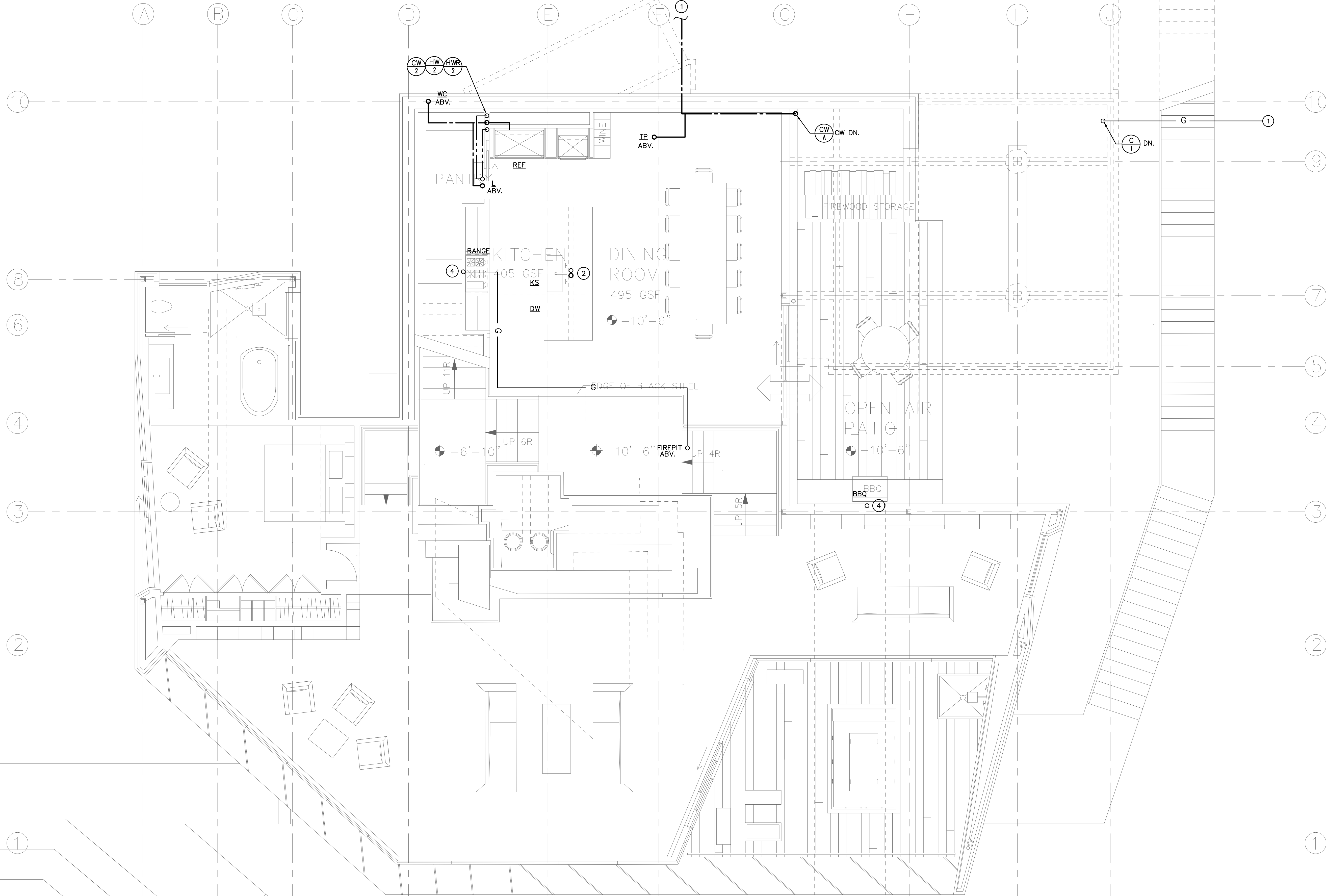
PLAN REVIEW ACCEPTANCE
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P4.1



- NUMBERED NOTES:**
- ① SEE SITE PLAN FOR CONTINUATION.
 - ② COLD & HOT WATER FROM BELOW.
 - ③ COLD WATER FROM BELOW.
 - ④ GAS PIPE FROM BELOW.

SCALE: 1/4" = 1'-0"

**(WATER & GAS)
MEZZANINE LEVEL**

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGENBACH
8845 EASET COPPER CREST
EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE 2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 674-7228 WWW.TOMWISCOMBE.COM	STRUCTURAL ENGINEER: NOUS 527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM	CIVIL ENGINEER: TALISMAN CIVIL CONSULTANTS 527 W 7TH STREET MURRAY, UT 84107 (801) 754-1300 WWW.TALISMANCIVIL.COM	MECHANICAL / PLUMBING: SHAMIM 5630 CORBIN AVE., SUITE 300 TAZARANA, CA 91356 (818) 798-6778 WWW.SHAMIMENGINEERING.COM	ELECTRICAL: ABRARI ENGINEERING 611 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 538-2570 WWW.ABRARI.COM	NGBS CONSULTING: ARGENTO/GRAHAM 811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 538-2570 WWW.ARGENTOGRAHAM.COM	GEOTECHNICAL: IGES 2702 SOUTH 10300 WEST SUITE 10 SOUTH SALT LAKE, UT 84020 (801) 270-9400 WWW.IGES.COM	LANDSCAPE ARCHITECT: LDG 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256	LIGHTING DESIGNER: KGM 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGM-LIGHTING.COM
--	--	--	--	---	---	--	--	--



EXP: 6/30/19

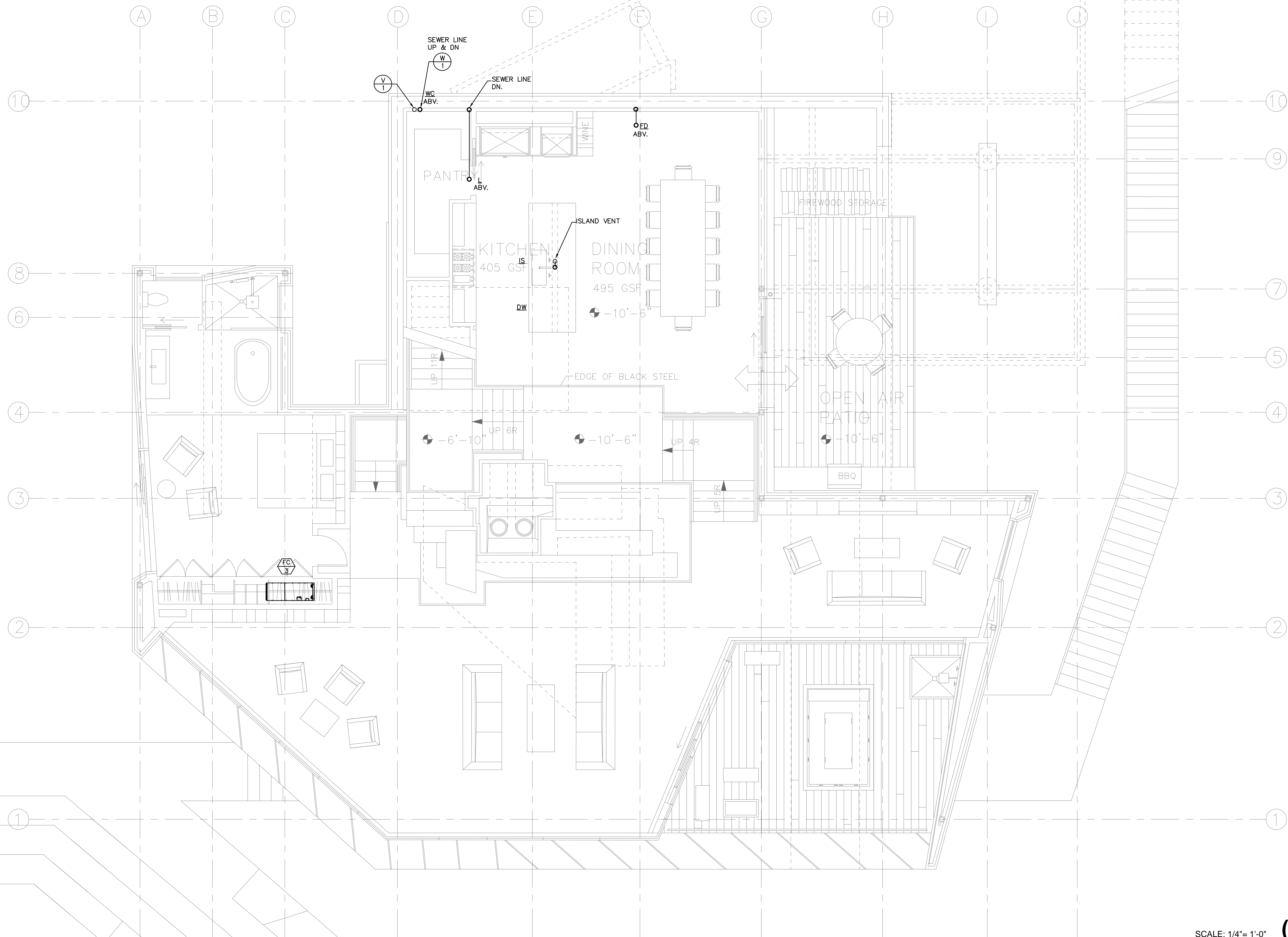
PLAN REVIEW ACCEPTANCE
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P5.0



SCALE: 1/4" = 1'-0"

**(WASTE & VENT)
MEZZANINE LEVEL**

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGEBACH
8845 EASET COPPER CREST
EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE 2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 674-7228 WWW.TOMWISCOMBE.COM	STRUCTURAL ENGINEER: NOUS 527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM	CIVIL ENGINEER: TALISMAN 5217 SOUTH STATE STREET MIRRAY, UT 84107 (801) 745-1300 WWW.TALISMANCIVIL.COM	MECHANICAL / PLUMBING: SHAMIM 5630 CORBIN AVE., SUITE 300 TARCANA, CA 91356 (818) 798-6778 WWW.SHAMIMENGINEERING.COM	ELECTRICAL: ABRARI ENGINEERING CLENDALE, CA (120) 458-7864 WWW.ABRARI.COM	NGBS CONSULTING: ARGENTO/GRAHAM 811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2570 WWW.ARGENTOGRAHAM.COM	GEOTECHNICAL: IGES 2702 SOUTH 1030 WEST SUITE 10 SALT LAKE CITY, UT 84120 (801) 270-9400 WWW.IGES.COM	LANDSCAPE ARCHITECT: LDG 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256	LIGHTING DESIGNER: KGM 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM
--	--	---	---	---	---	--	--	---



EXP: 6/30/19

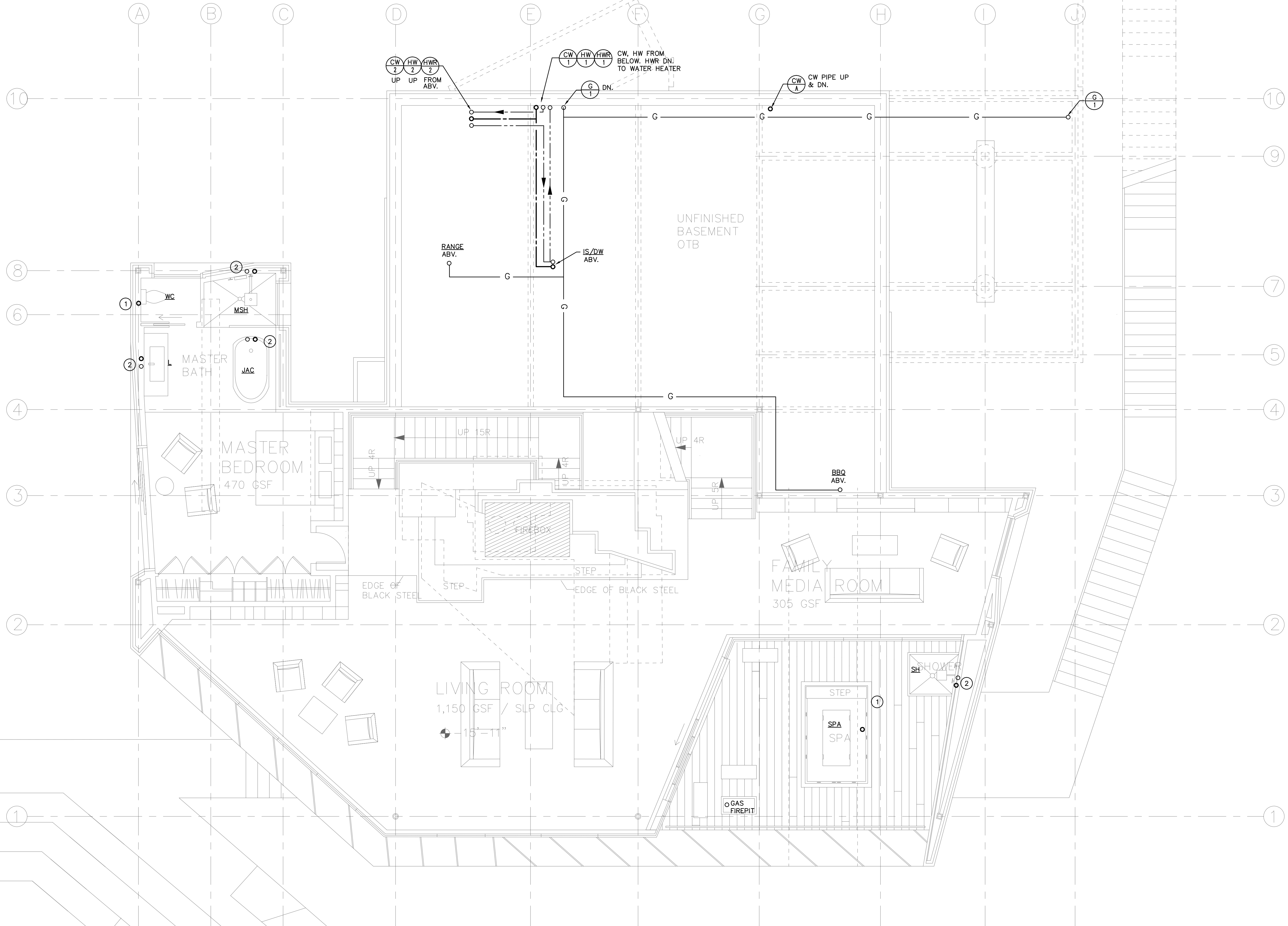
PLAN REVIEW ACCEPTANCE
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW:

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P5.1



- NUMBERED NOTES:**
- ① COLD WATER FROM BELOW.
 - ② COLD & HOT WATER FROM BELOW.

SCALE: 1/4" = 1'-0"

(WATER & GAS)

LIVING ROOM LEVEL

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGNBACH
8845 EASET COPPER CREST
EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE <small>2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM</small>	STRUCTURAL ENGINEER: NOUS <small>527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM</small>	CIVIL ENGINEER: TALISMAN <small>527 W 7TH STREET MIRRAY, UT 84107 (801) 745-1300 WWW.TALISMANCIVIL.COM</small>	MECHANICAL / PLUMBING: SHAMIM <small>5620 CORBIN AVE., SUITE 300 TARZANA, CA 91356 (818) 798-6778 WWW.SHAMIMENGINEERING.COM</small>	ELECTRICAL: ABRARI ENGINEERING <small>CLENDALE, CA (125) 458-7854 WWW.ABRARI.COM</small>	NGBS CONSULTING: ARGENTO/GRAHAM <small>811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2578 WWW.ARGENTOGRAHAM.COM</small>	GEOTECHNICAL: IGES <small>2702 SOUTH 1030 WEST SUITE 10 SOUTH SALT LAKE, UT 84120 (801) 270-9400 WWW.IGESINC.COM</small>	LANDSCAPE ARCHITECT: LDG <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256</small>	LIGHTING DESIGNER: KGM <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM</small>
--	--	--	---	--	---	--	---	---



EXP-6/30/19

PLAN REVIEW ACCEPTANCE
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

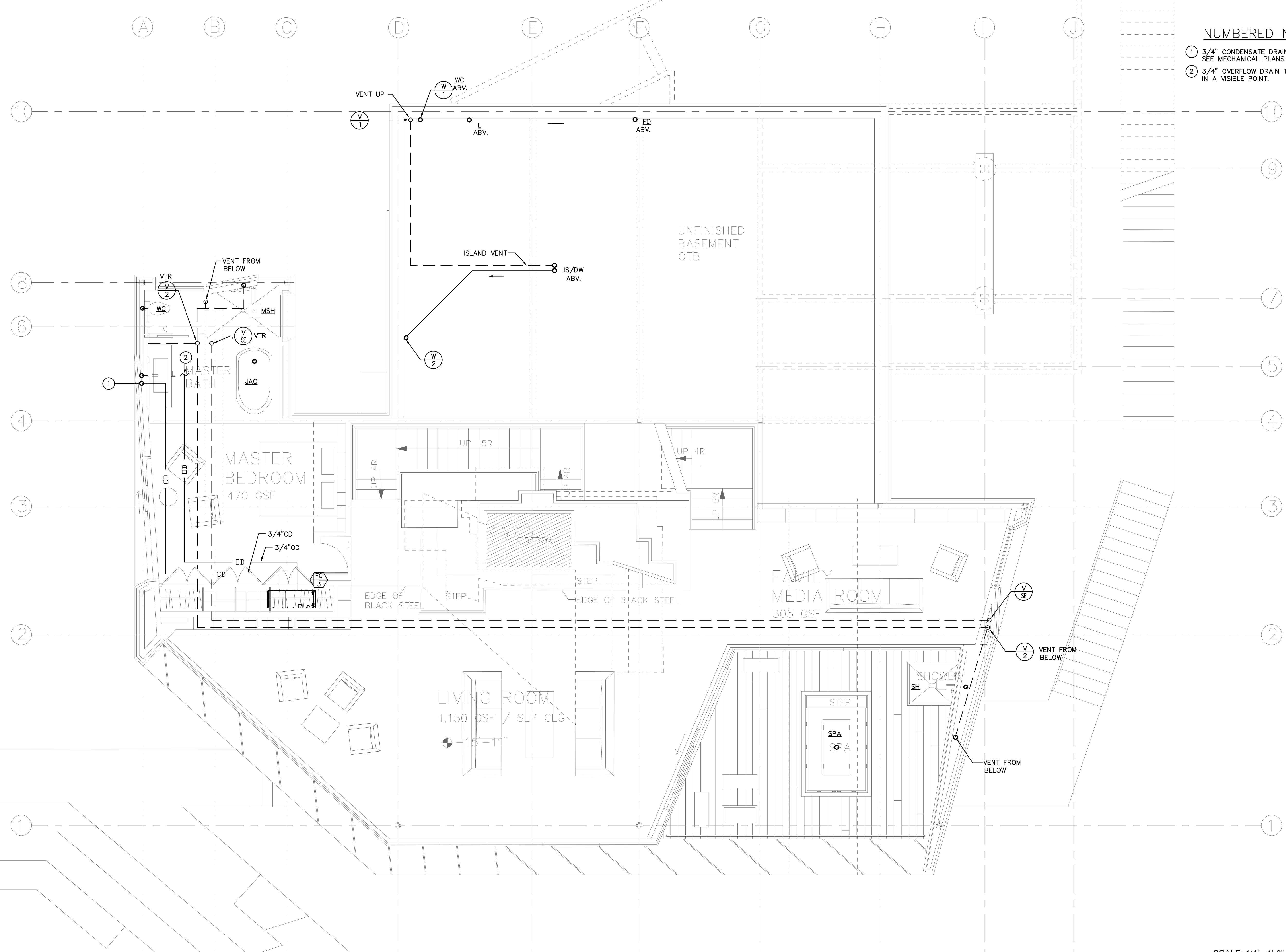
PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P6.0

NUMBERED NOTES:

- ① 3/4" CONDENSATE DRAIN TO TAIL PIECE OF LAVATORY. SEE MECHANICAL PLANS FOR EXACT LOCATION OF UNITS.
- ② 3/4" OVERFLOW DRAIN TERMINATE ABOVE SHOWER OR IN A VISIBLE POINT.



SCALE: 1/4" = 1'-0"

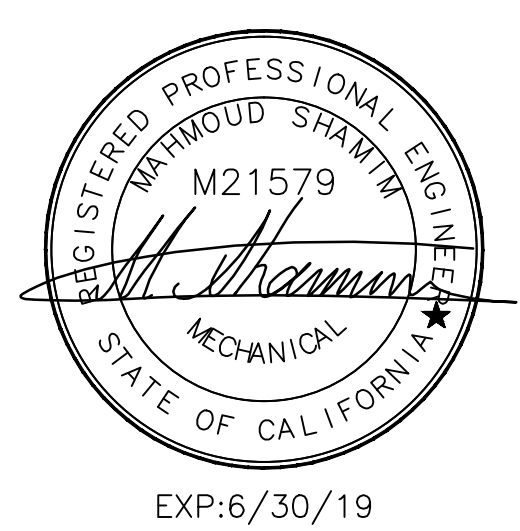
(WASTE & VENT)

LIVING ROOM LEVEL

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGEBACH
8845 EASEY COPPER CREST
EDEN, UT 84310

<p>ARCHITECT: TOM WISCOMBE ARCHITECTURE 2404 WILSHIRE BLVD., SUITE 40 LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM</p>	<p>STRUCTURAL ENGINEER: NOUS 527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM</p>	<p>CIVIL ENGINEER: TALISMAN 527 W 7TH STREET MIRRAY, UT 84107 (801) 745-1300 WWW.TALISMANCIVIL.COM</p>	<p>MECHANICAL / PLUMBING: SHAMIM 5630 CORBIN AVE., SUITE 300 TARZANA, CA 91356 (818) 798-8778 WWW.SHAMIMENGINEERING.COM</p>	<p>ELECTRICAL: ABRARI ENGINEERING CLENDALE, CA (126) 458-7864 WWW.ABRARI.COM</p>	<p>NGBS CONSULTING: ARGENTO/GRAHAM 811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2570 WWW.ARGENTOGRAHAM.COM</p>	<p>GEOTECHNICAL: IGES 2702 SOUTH 1030 WEST SUITE 10 SOUTH SALT LAKE, UT 84129 (801) 270-9400 WWW.IGES.COM</p>	<p>LANDSCAPE ARCHITECT: LDG 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256</p>	<p>LIGHTING DESIGNER: KGM 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM</p>
--	--	--	---	--	---	---	---	---



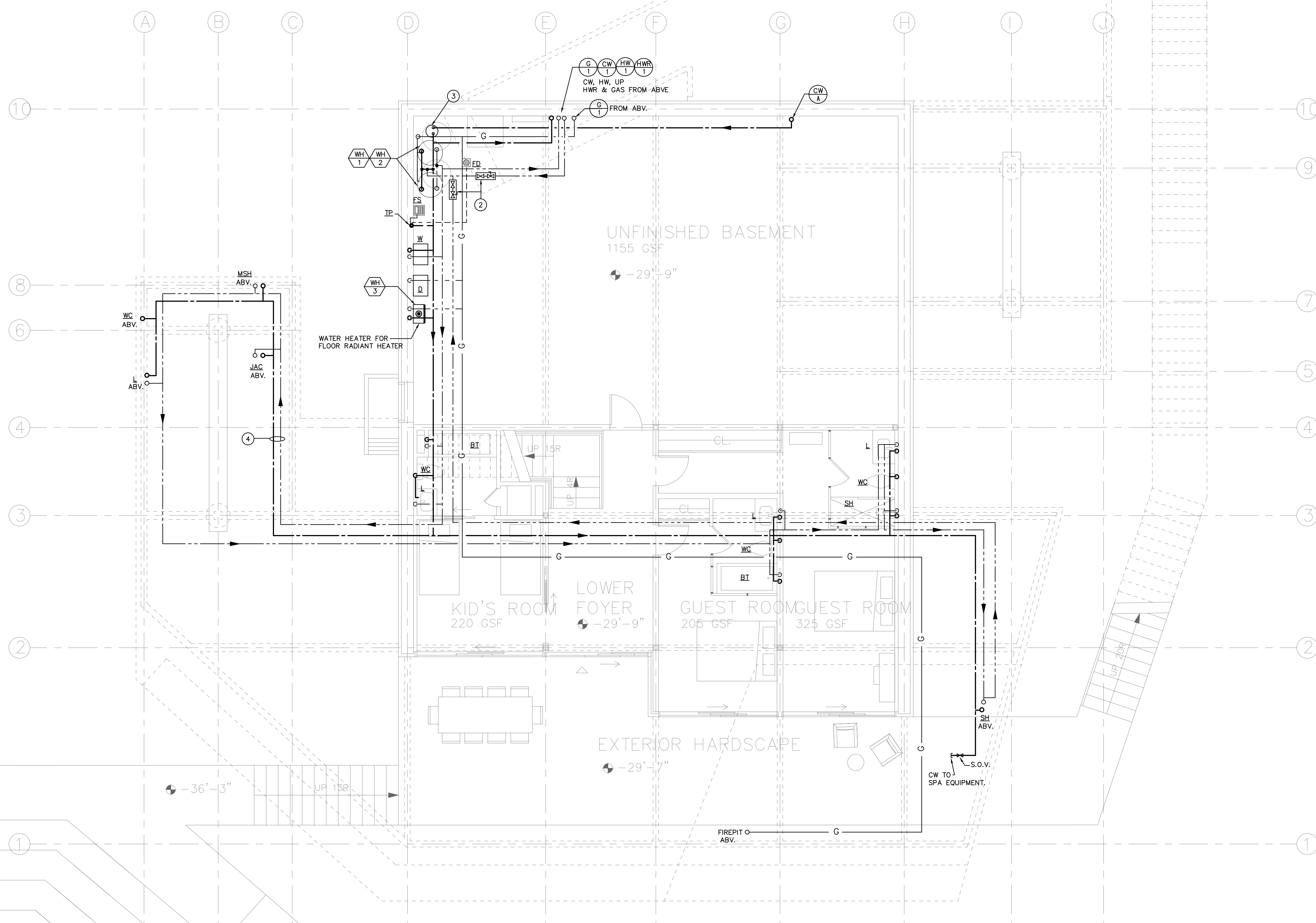
PLAN REVIEW ACCEPTANCE
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P6.1



GENERAL FLOOR PLAN NOTES:

- 1- BALANCING VALVE SHALL BE "HAYS", "ARMSTRONG" OR APPROVED EQUAL.
- 2- CONTRACTOR SHALL BALANCE THE HOT WATER SUPPLY & RETURN LOOP AND PROVIDE A BALANCE REPORT TO OWNER/ENGINEER.
- 3- VELOCITY IN THE HOT WATER PIPING SHALL NOT BE MORE THAN 5 FEET PER SECOND.
- 4- SEE MANUFACTURERS DETAIL FOR WATER FILTER & SOFTENER PIPE CONNECTIONS.

NUMBERED NOTES:

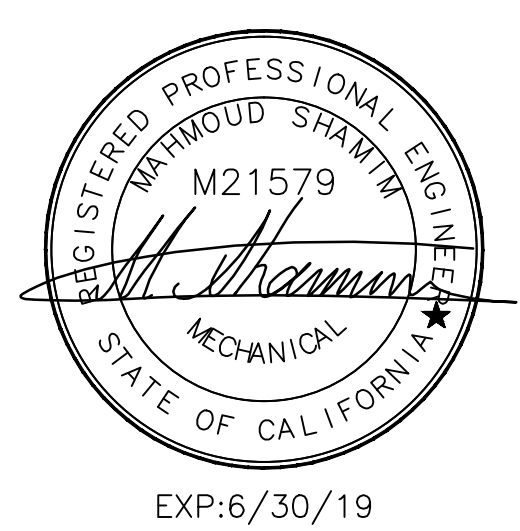
- ① SEE SITE PLAN FOR CONTINUATION.
- ② BALANCING REGULATOR VALVE. (TYPICAL OF 2)
- ③ WATER SOFTENER & FILTRATION SYSTEM. (SPECIFICATIONS BY OWNER)
- ④ PIPE IN CRAWL SPACE.

SCALE: 1/4" = 1'-0" **(WATER & GAS)**

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGEBACH
8845 EASEY COPPER CREST
EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE <small>2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM</small>	STRUCTURAL ENGINEER: NOUS <small>527 W 7TH STREET LOS ANGELES, CA 90014 (818) 627-8887 WWW.NOUSENGINEERING.COM</small>	CIVIL ENGINEER: TALISMAN <small>5217 SOUTH STATE STREET MIRRAY, UT 84107 (801) 745-1300 WWW.TALISMANCIVIL.COM</small>	MECHANICAL / PLUMBING: SHAMIM <small>5620 CORBIN AVE., SUITE 300 TARZANA, CA 91356 (818) 798-6784 WWW.SHAMIMENGINEERING.COM</small>	ELECTRICAL: ABRARI ENGINEERING <small>CLENDALE, CA (120) 458-7864 WWW.ABRARI.COM</small>	NGBS CONSULTING: ARGENTO/GRAHAM <small>811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2678 WWW.ARGENTOGRAHAM.COM</small>	GEOTECHNICAL: IGES <small>2702 SOUTH 1030 WEST SUITE 10 SOUTH SALT LAKE, UT 84129 (801) 270-9400 WWW.IGESINC.COM</small>	LANDSCAPE ARCHITECT: LDG <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256</small>	LIGHTING DESIGNER: KGM <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM</small>
--	--	---	---	--	---	--	---	---



EXP: 6/30/19

PLAN REVIEW ACCEPTANCE
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

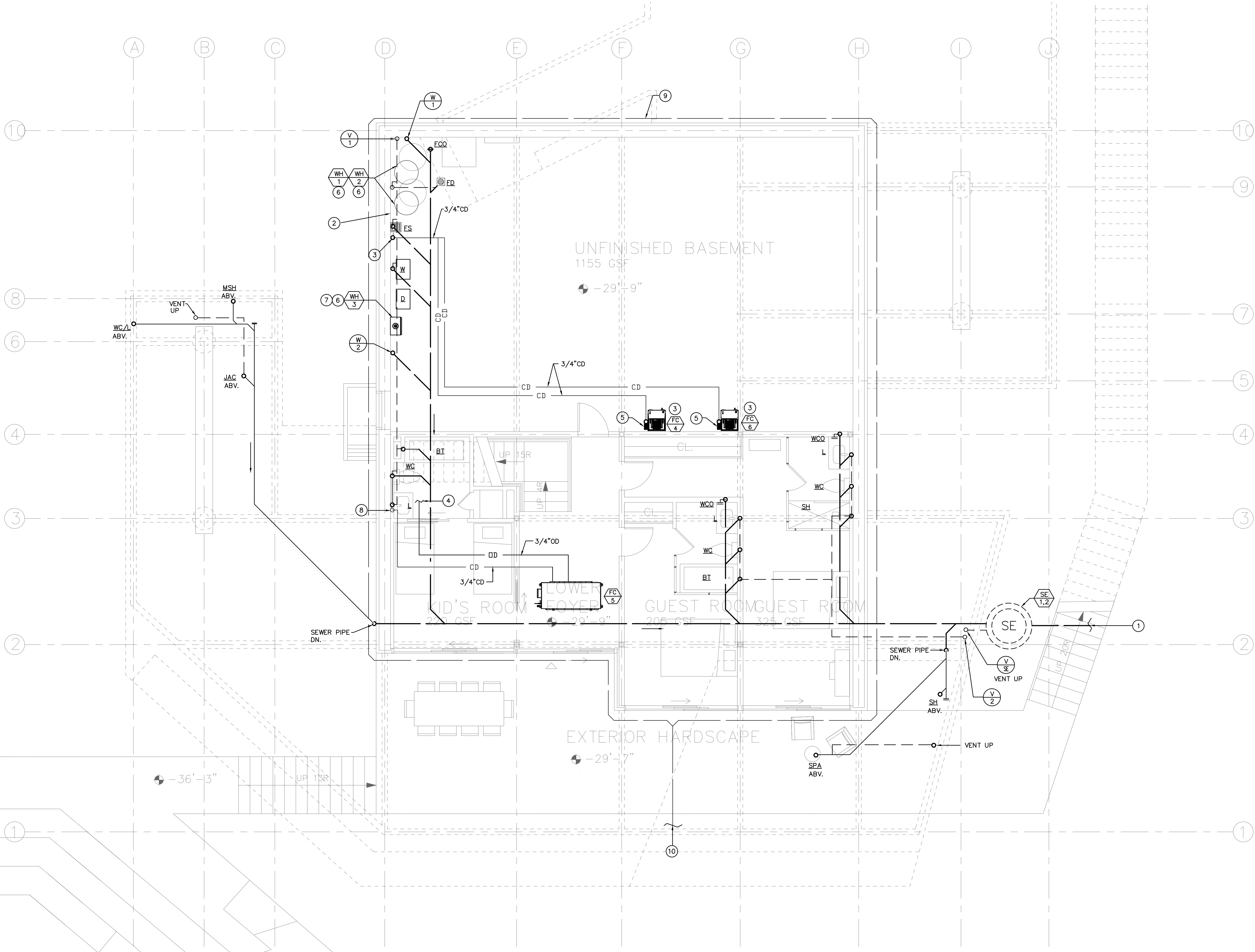
<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

BASEMENT LEVEL

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P7.0



NUMBERED NOTES:

- 1 SEE SITE PLAN FOR CONTINUATION.
- 2 PROVIDE PLUMBING WALL.
- 3 3/4" CONDENSATE DRAIN SPILL TO FLOOR SINK W/AIRGAP. SEE MECHANICAL PLANS FOR EXACT LOCATION OF UNITS.
- 4 3/4" OVERFLOW DRAIN TERMINATE ABOVE SHOWER OR IN A VISIBLE POINT.
- 5 PROVIDE CONDENSATE DRAIN PUMP. "LITTLE GAIN", 1/50 HP, 120V/1Ø/60HZ. (TYPICAL FOR ALL UNITS)
- 6 3/4" P&T RELIEF VALVE DRAIN LINE FROM WATER HEATER SPILL TO FLOOR SINK W/AIRGAP.
- 7 3/4" CONDENSATE DRAIN LINE FROM WATER HEATER SPILL TO FLOOR SINK W/AIRGAP.
- 8 3/4" CONDENSATE DRAIN TO TAIL PIECE OF LAVATORY. SEE MECHANICAL PLANS FOR EXACT LOCATION OF UNITS.
- 9 4" SUBSURFACE DRAIN PIPE SPILL TO THE SIDE OF BUILDING. AROUND BUILDING.
- 10 4" SUBSURFACE DRAIN PIPE SPILL TO THE SIDE OF BUILDING.

SCALE: 1/4" = 1'-0"

**(WASTE & VENT)
BASEMENT LEVEL**

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGEBACH
8845 EASET COPPER CREST
EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE <small>2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM</small>	STRUCTURAL ENGINEER: NOUS <small>527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM</small>	CIVIL ENGINEER: TALISMAN CIVIL CONSULTANTS <small>5217 SOUTH STATE STREET MIRRAY, UT 84107 (801) 745-1300 WWW.TALISMANCIVIL.COM</small>	MECHANICAL / PLUMBING: SHAMIM ENGINEERING CONSULTANTS INC. <small>5620 CORBIN AVE., SUITE 300 TARAZANA, CA 91356 (818) 738-8778 WWW.SHAMIMENGINEERING.COM</small>	ELECTRICAL: ABRARI ENGINEERING <small>CLENDALE, CA (125) 458-7864 WWW.ABRARI.COM</small>	NGBS CONSULTING: ARGENTO/GRAHAM <small>811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 538-2570 WWW.ARGENTOGRAHAM.COM</small>	GEOTECHNICAL: IGES <small>2702 SOUTH 103RD WEST SUITE 10 SOUTH SALT LAKE, UT 84120 (801) 270-9400 WWW.IGESINC.COM</small>	LANDSCAPE ARCHITECT: LDG <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256</small>	LIGHTING DESIGNER: KGM <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM</small>
--	--	---	---	--	---	---	---	---



EXP:6/30/19

PLAN REVIEW ACCEPTANCE
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input checked="" type="checkbox"/> ACCESSIBILITY	<input checked="" type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

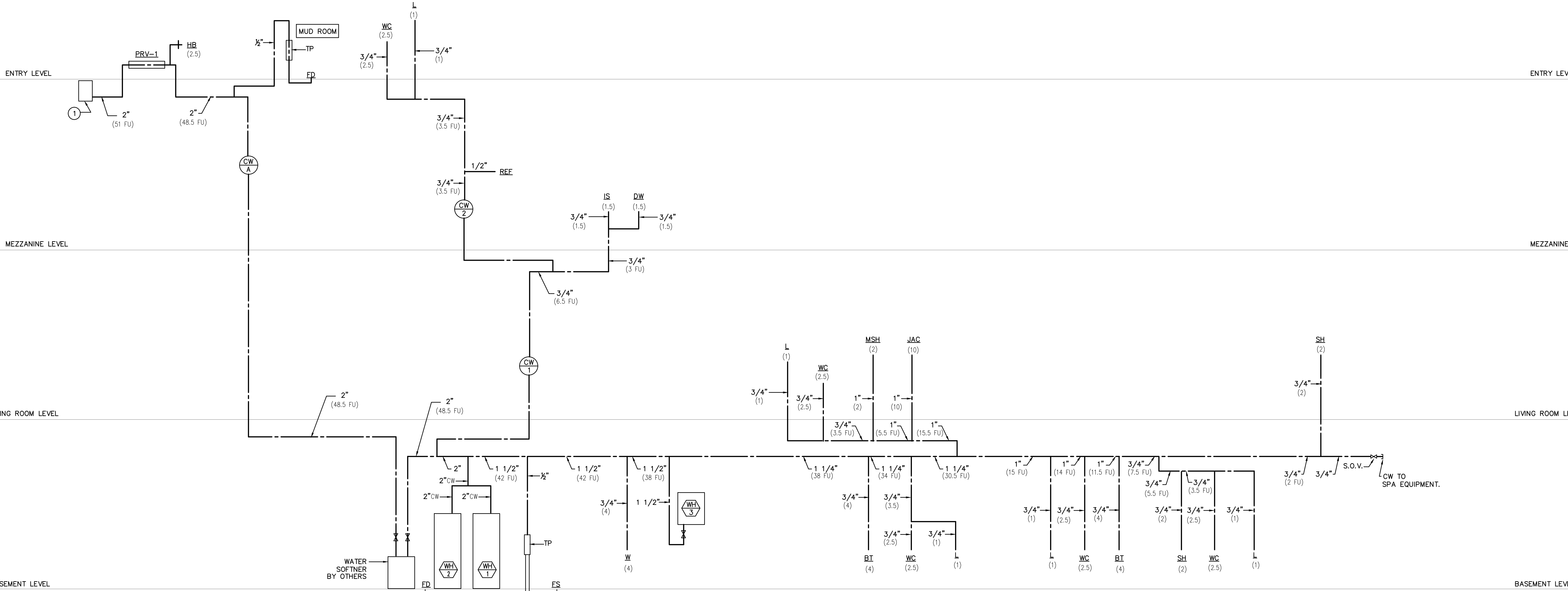
BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P7.1

COLD WATER SIZING	
PIPE SIZES BASED ON TYPE "L" COPPER @ 5.9 PSI/100 FT, 8 FPS MAXIMUM.	
FIXTURE UNITS	FIXTURE UNITS
1/2" = 0	1 1/4" = 39
3/4" = 8	1 1/2" = 78
1" = 20	2" = 254

KEY NOTES:

- 1 2" WATER METER. VERIFY EXACT LOCATION WITH ARCHITECT.



COLD WATER RISER

SCALE: NONE

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGENBACH
 8845 EASET COPPER CREST
 EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE <small>2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM</small>	STRUCTURAL ENGINEER: NOUS <small>527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM</small>	CIVIL ENGINEER: TALISMAN <small>5217 SOUTH STATE STREET MIRRAY, UT 84107 (801) 745-1300 WWW.TALISMANCIVIL.COM</small>	MECHANICAL / PLUMBING: SHAMIM <small>5630 CORBIN AVE., SUITE 300 TARCANA, CA 91356 (818) 798-6778 WWW.SHAMIMENGINEERING.COM</small>	ELECTRICAL: ABRARI ENGINEERING <small>CLENDALE, CA (120) 458-7864 WWW.ABRARI.COM</small>	NGBS CONSULTING: ARGENTO/GRAHAM <small>811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2678 WWW.ARGENTOGRAHAM.COM</small>	GEOTECHNICAL: IGES <small>2702 SOUTH 1030 WEST SUITE 10 SALT LAKE CITY, UT 84120 (801) 270-9400 WWW.IGESINC.COM</small>	LANDSCAPE ARCHITECT: LDG <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256</small>	LIGHTING DESIGNER: KGM <small>328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM</small>
---	---	--	--	--	--	--	---	--



PLAN REVIEW ACCEPTANCE
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input checked="" type="checkbox"/> ACCESSIBILITY	<input checked="" type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

RISER DIAGRAM

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET: P8.0

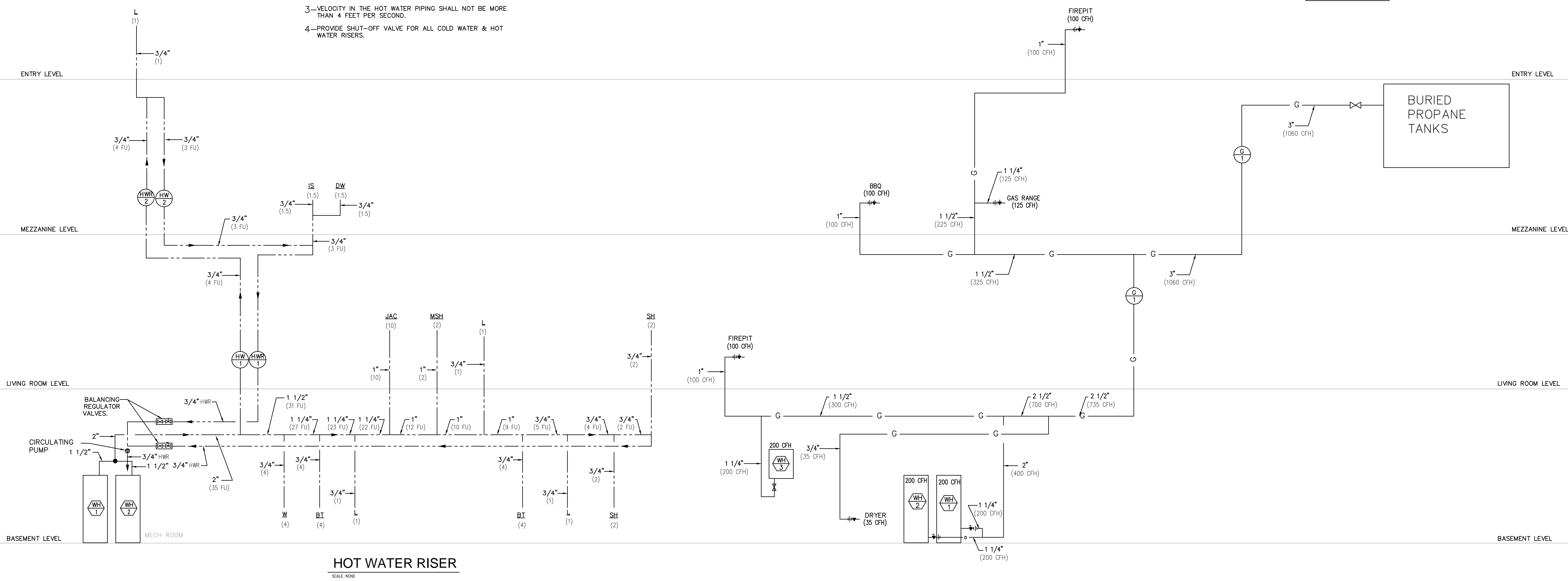
HOT WATER SIZING	
PIPE SIZES BASED ON TYPE "L" COPPER @ 5.9 PSI/100 FT, 5 FPS MAXIMUM.	
PIPE SIZE	FIXTURE UNITS
1/2"	0
3/4"	8
1"	16
1 1/4"	28
1 1/2"	46
2"	119

NOTE:

- 1—BALANCING VALVE SHALL BE "RED-WHITE VALVE" MODEL 9517AB, LOW LEAD BRASS BALANCING VALVE.
- 2—CONTRACTOR SHALL BALANCE THE HOT WATER SUPPLY & RETURN LOOP.
- 3—VELOCITY IN THE HOT WATER PIPING SHALL NOT BE MORE THAN 4 FEET PER SECOND.
- 4—PROVIDE SHUT-OFF VALVE FOR ALL COLD WATER & HOT WATER RISERS.

TDL=298'

GAS SIZING BASED ON 0.5 IN. WC.



HOT WATER RISER
SCALE: NONE

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGEBACH
8845 EASET COPPER CREST
EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE 2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM	STRUCTURAL ENGINEER: NOUS 527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM	CIVIL ENGINEER: TALISMAN CIVIL CONSULTANTS 5217 SCOTT STATE STREET MIRRAY, UT 84107 (801) 743-1300 WWW.TALISMANCIVIL.COM	MECHANICAL / PLUMBING: SHAMIM ENGINEERING CONSULTANTS INC. 5620 CORBIN AVE., SUITE 300 TAZARANA, CA 91356 (818) 798-6778 WWW.SHAMIMENGINEERING.COM	ELECTRICAL: ABRARI ENGINEERING CLENDALE, CA (125) 458-7864 WWW.ABRARI.COM	NGBS CONSULTING: ARGENTO/GRAHAM 811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2670 WWW.ARGENTOGRAHAM.COM	GEOTECHNICAL: IGES 2702 SOUTH 1000 WEST SUITE 10 SOUTH SALT LAKE, UT 84120 (801) 270-9400 WWW.IGES.COM	LANDSCAPE ARCHITECT: LDG 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256	LIGHTING DESIGNER: KGM 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM
--	--	---	---	---	---	---	--	---



PLAN REVIEW ACCEPTANCE
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

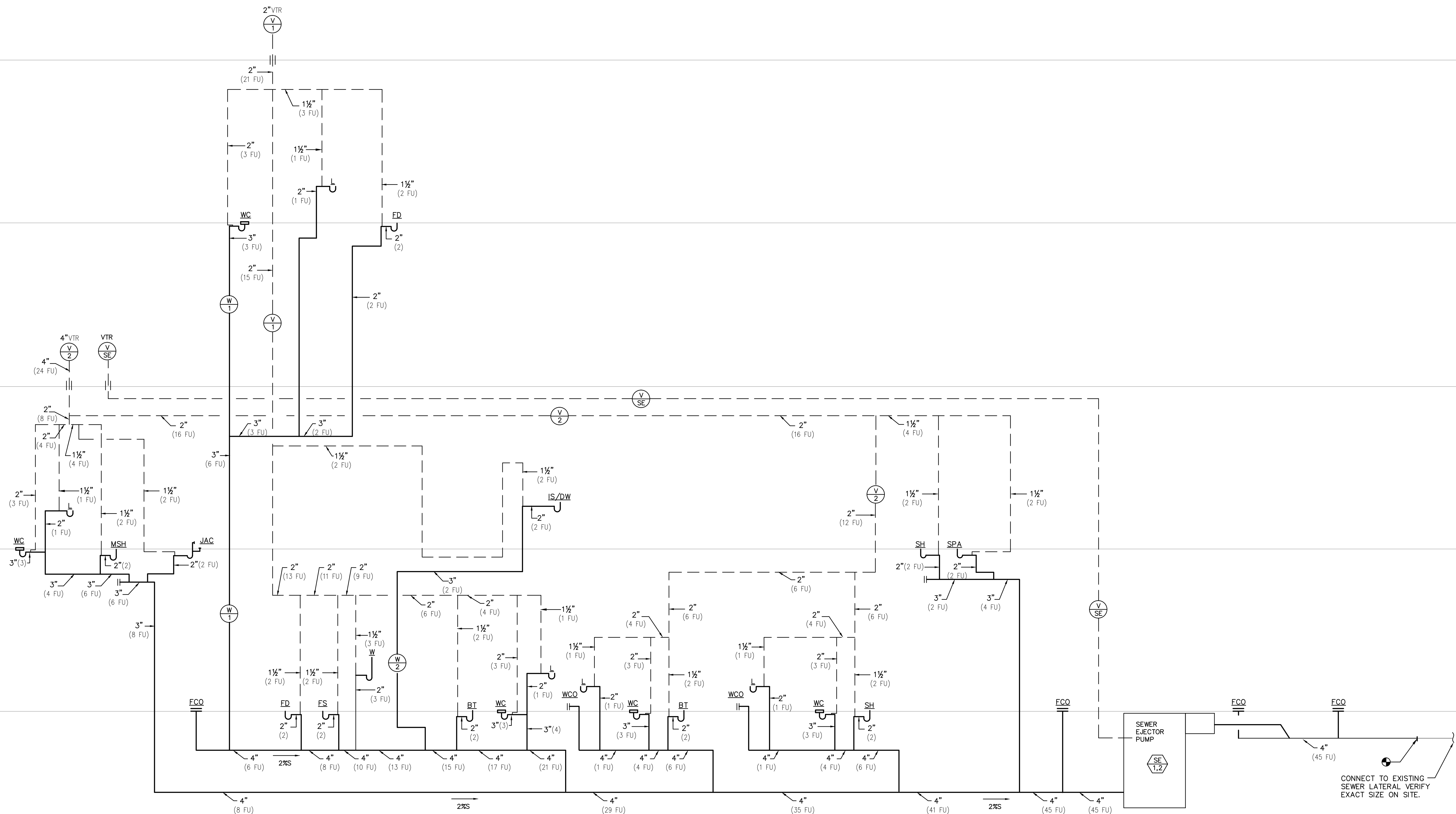
<input checked="" type="checkbox"/> BUILDING	<input checked="" type="checkbox"/> STRUCTURAL
<input checked="" type="checkbox"/> MECHANICAL	<input checked="" type="checkbox"/> PLUMBING
<input checked="" type="checkbox"/> ELECTRICAL	<input checked="" type="checkbox"/> ENERGY
<input type="checkbox"/> ACCESSIBILITY	<input type="checkbox"/> FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: 07/11/18
WEST COAST CODE CONSULTANTS, INC.

RISER DIAGRAM

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET: P8.1

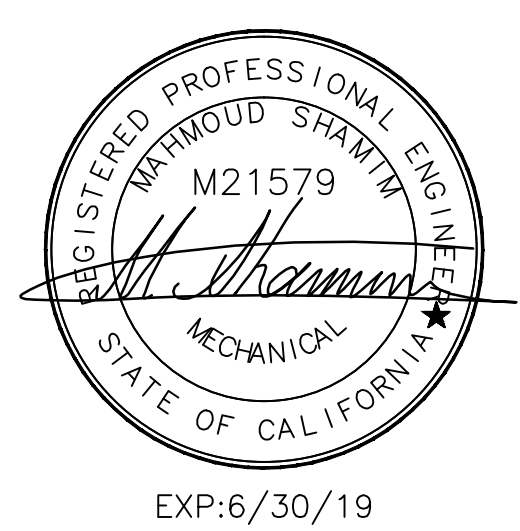


CONNECT TO EXISTING SEWER LATERAL VERIFY EXACT SIZE ON SITE.

POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGENBACH
8845 EASET COPPER CREST
EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE 2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM	STRUCTURAL ENGINEER: NOUS 527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM	CIVIL ENGINEER: TALISMAN CIVIL CONSULTANTS 5217 SOUTH STATE STREET MIRRAY, UT 84107 (801) 743-1300 WWW.TALISMANCIVIL.COM	MECHANICAL / PLUMBING: SHAMIM ENGINEERING CONSULTANTS INC. 5620 CORBIN AVE., SUITE 300 TAZARNA, CA 91356 (818) 798-6778 WWW.SHAMIMENGINEERING.COM	ELECTRICAL: ABRARI ENGINEERING CLENDALE, CA (120) 458-7864 WWW.ABRARI.COM	NGBS CONSULTING: ARGENTO/GRAHAM 811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2578 WWW.ARGENTOGRAHAM.COM	GEOTECHNICAL: IGES 2702 SOUTH 1030 WEST SUITE 10 SOUTH SALT LAKE, UT 84129 (801) 270-9400 WWW.IGESINC.COM	LANDSCAPE ARCHITECT: LDG 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256	LIGHTING DESIGNER: KGM 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM
--	--	---	--	---	---	--	--	---



PLAN REVIEW ACCEPTANCE
 FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW.

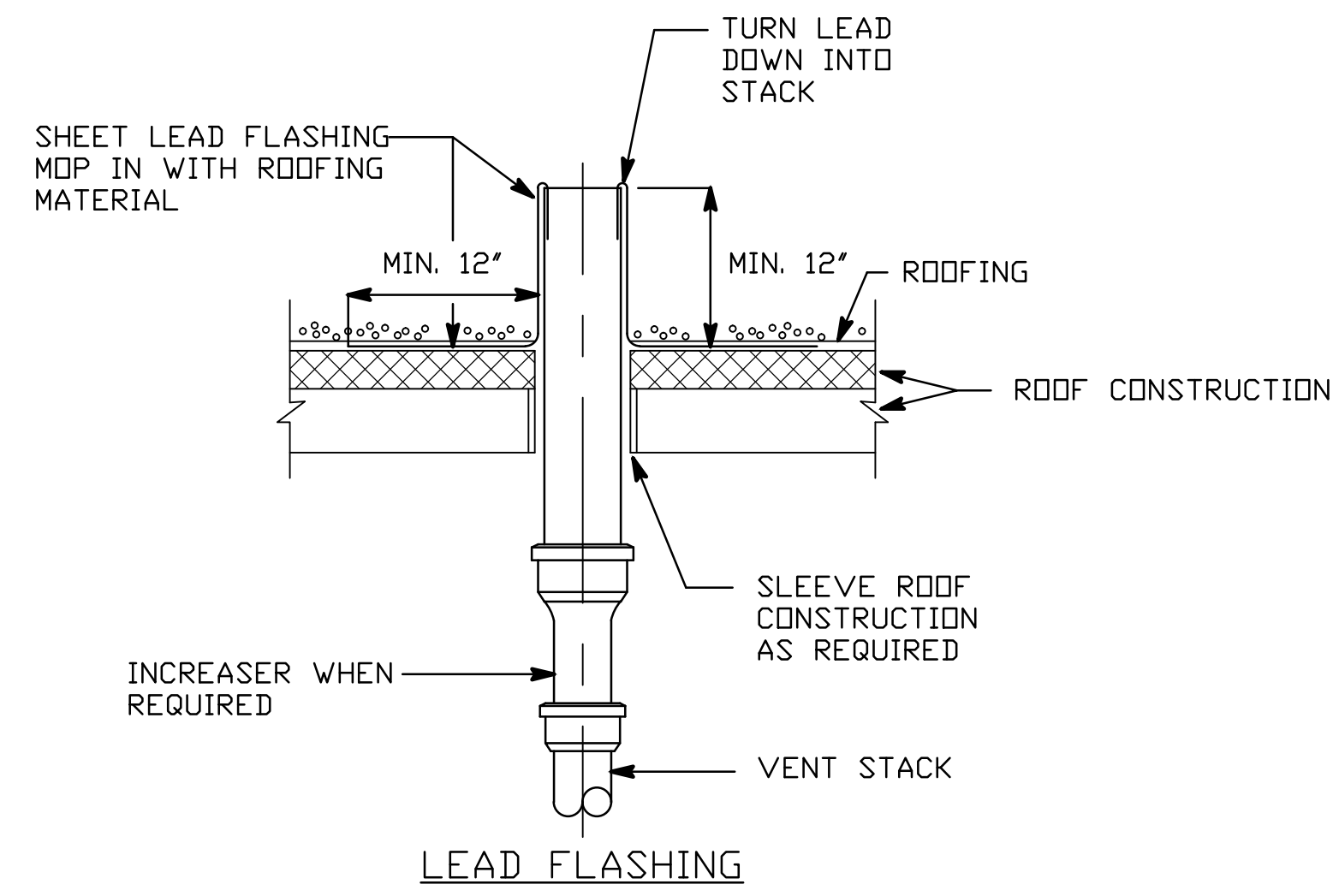
BUILDING STRUCTURAL
 MECHANICAL PLUMBING
 ELECTRICAL ENERGY
 ACCESSIBILITY FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: **MEM** DATE: **07/11/18**
WEST COAST CODE CONSULTANTS, INC.

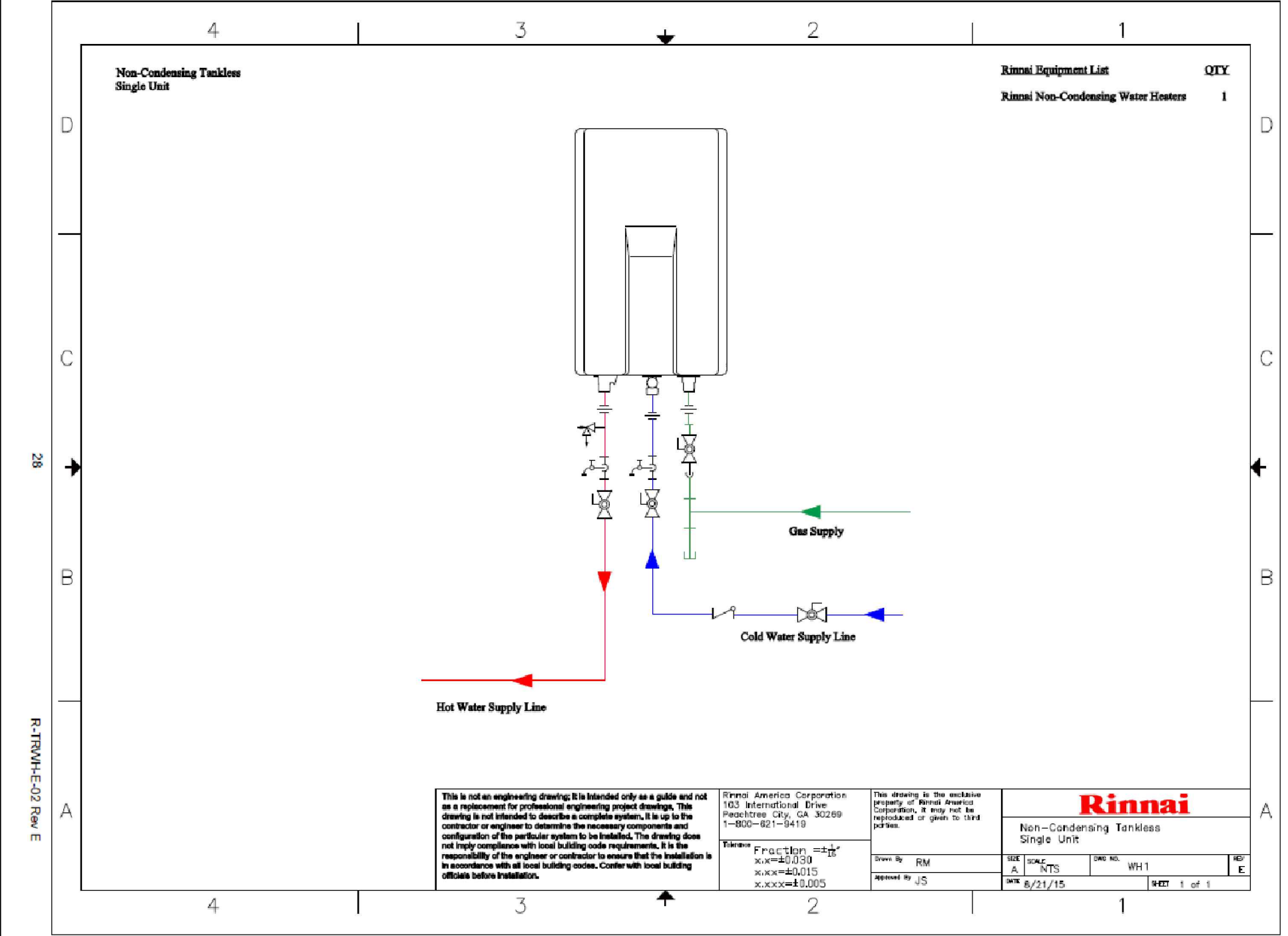
RISER DIAGRAM

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET:
			P8.2



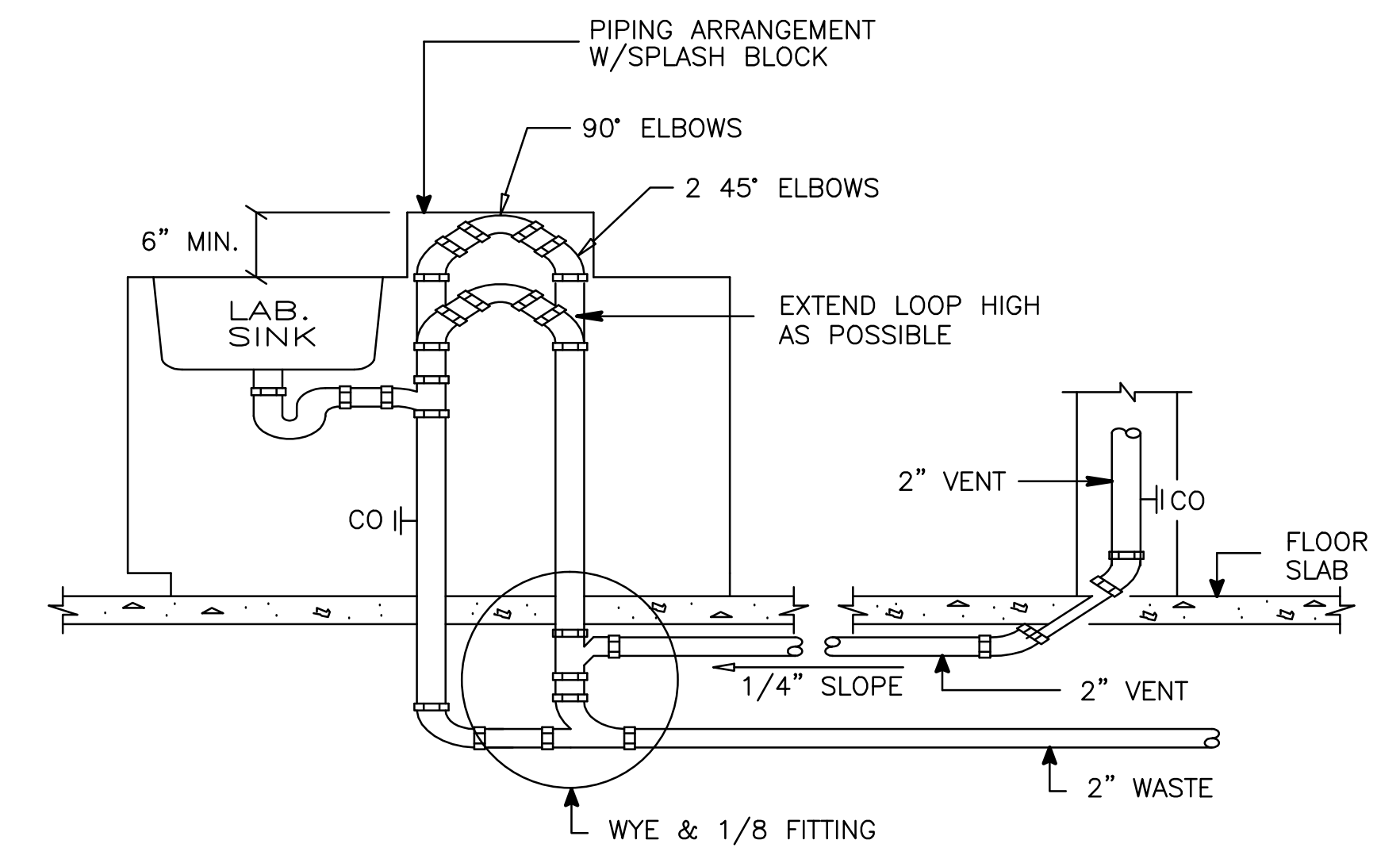
PIPE THRU ROOF DETAIL

SCALE NONE A



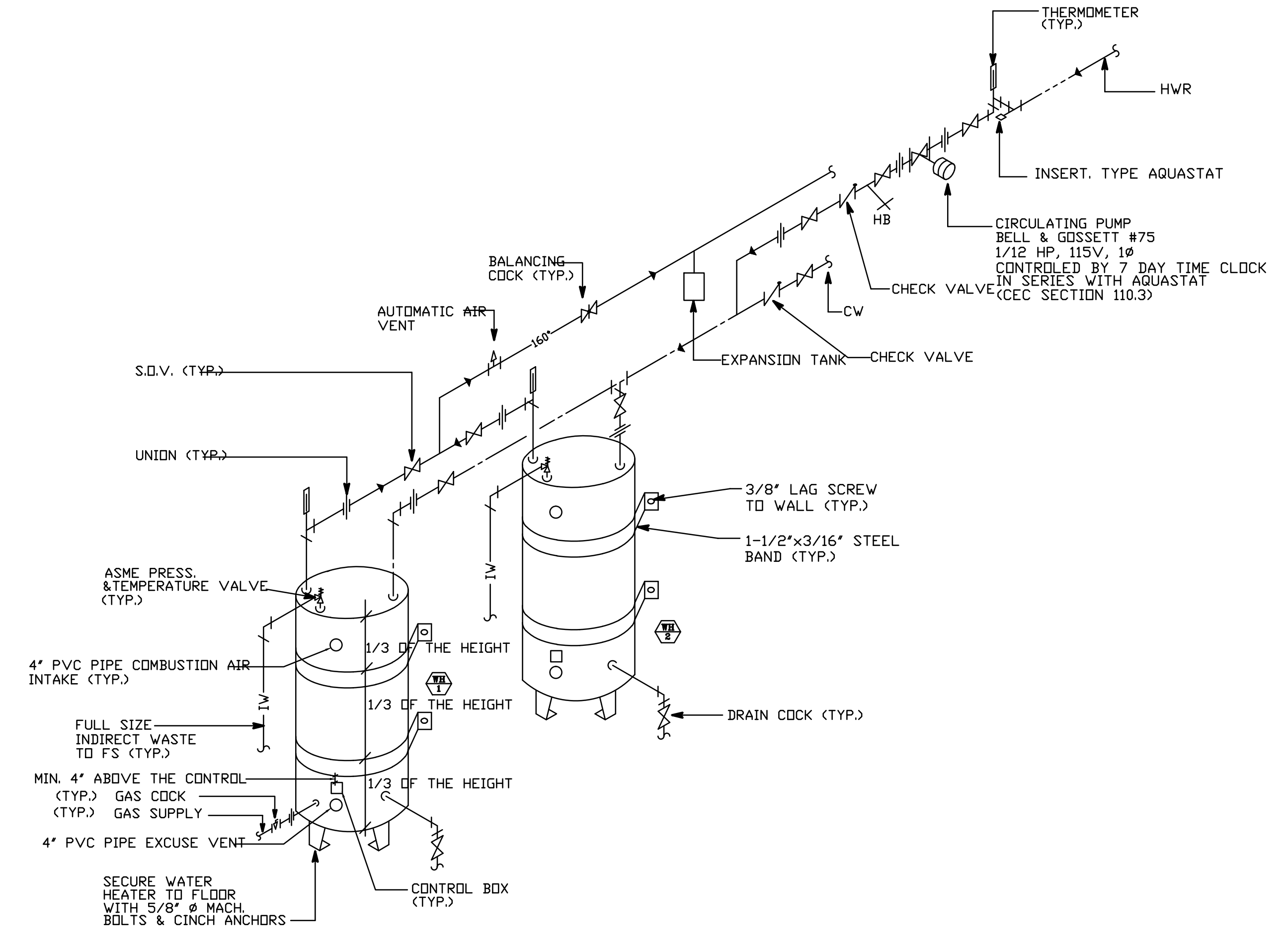
WATER HEATER # 3 DETAIL

SCALE NONE B



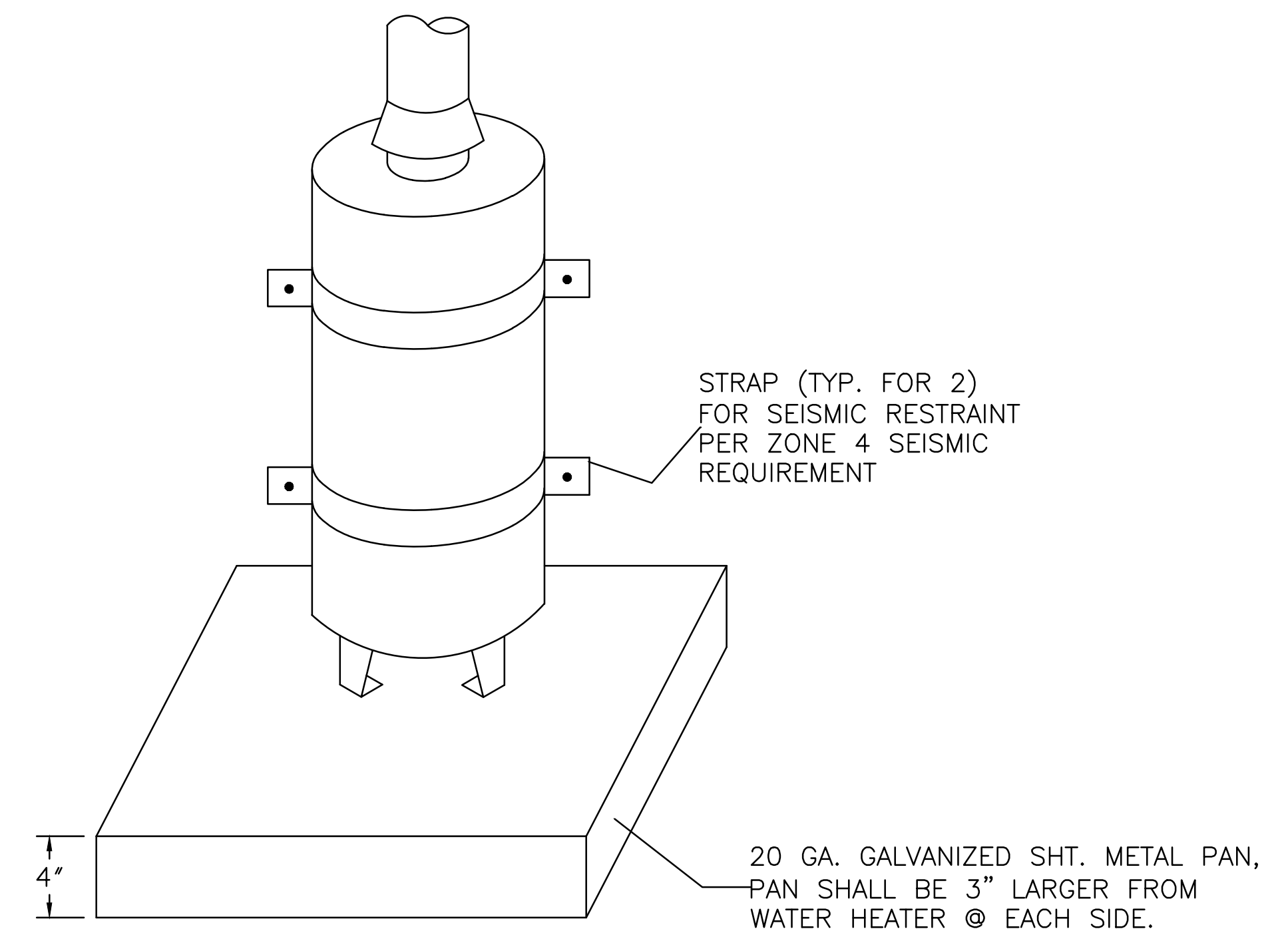
ISLAND WASTE & VENT PIPING DETAIL

SCALE NONE C



DIRECT VENT WATER HEATER DETAIL # 1 & 2

SCALE NONE D



WATER HEATER # 1 & 2 SUPPORT DETAIL

SCALE NONE E

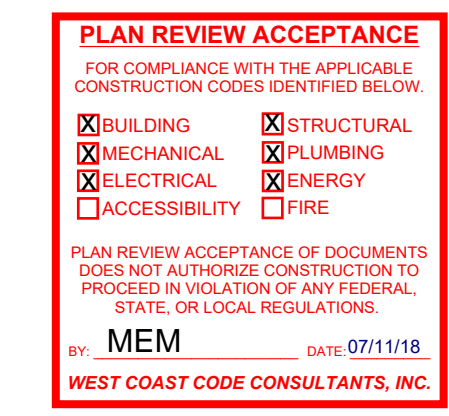
POWDER MOUNTAIN HOUSE

OWNER:
TOM BUTTGEBACH
8645 EASET COPPER CREST
EDEN, UT 84310

ARCHITECT: TOM WISCOMBE ARCHITECTURE 2404 WILSHIRE BLVD., SUITE 4B LOS ANGELES, CA 90057 (213) 874-7228 WWW.TOMWISCOMBE.COM	STRUCTURAL ENGINEER: NOUS 527 W 7TH STREET LOS ANGELES, CA 90014 (213) 627-8887 WWW.NOUSENGINEERING.COM	CIVIL ENGINEER: TALISMAN CIVIL CONSULTANTS 5277 SOUTH STATE STREET MIRRAY, UT 84107 (801) 754-1300 WWW.TALISMANCIVIL.COM	MECHANICAL / PLUMBING: SHAMIM ENGINEERING CONSULTANTS INC. 5620 CORBIN AVE., SUITE 300 TARZANA, CA 91356 (818) 798-6778 WWW.SHAMIMENGINEERING.COM	ELECTRICAL: ABRARI ENGINEERING CLENDALE, CA (125) 458-7864 WWW.ABRARI.COM	NGBS CONSULTING: ARGENTO/GRAHAM 811 WEST 7TH STREET, 10TH FLOOR LOS ANGELES, CA 90017 (323) 598-2570 WWW.ARGENTOGRAHAM.COM	GEOTECHNICAL: IGES 2702 SOUTH 1030 WEST SUITE 10 SOUTH SALT LAKE, UT 84020 (801) 270-9400 WWW.IGES.COM	LANDSCAPE ARCHITECT: LDG 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256	LIGHTING DESIGNER: KGM 328 W 200 S SUITE 102 SALT LAKE CITY, UT 84101 (801) 583-1256 WWW.KGMLIGHTING.COM
--	---	---	--	---	--	--	---	--



EXP-6/30/19



RISER DIAGRAM

REVISIONS:	BY:	DATE:	DATE:
			06/02/2018
			SCALE: AS SHOWN
			DRAWN: G.F.
			SHEET: P9.0

