



CONSTRUCTION NOTES:

LIMIT OF DISTURBANCE FENCING (ORANGE IN COLOR) IS TO BE INSTALLED ALONG THE BOUNDARY OF THE 30% OR GREATER NATURAL SLOPE AREA(S). LOCATION SHALL BE ESTABLISHED UNDER DIRECTION OF A LICENSED LAND SURVEYOR. FENCING SHALL REMAIN IN PLACE UNTIL THE CERTIFICATE OF OCCUPANCY IS ISSUED BY SANDY CITY AND ALL IMPROVEMENTS, INCLUDING LANDSCAPING, ARE INSTALLED. NO GRADING, CUTTING, FILLING OR CONSTRUCTION OF ANY KIND IS ALLOWED IN THE 30% OR GREATER NATURAL-SLOPE AREA, EXCEPT AS APPROVED BY THE SANDY CITY ENGINEER.

NOTES:

* DUST, MUD, AND EROSION SHALL BE CONTROLLED BY WHATEVER MEANS NECESSARY, AND THE ROADWAY SHALL BE KEPT FREE OF MUD AND DEBRIS, AT ALL TIMES.

* ALL PUBLIC IMPROVEMENTS WITHIN SANDY CITY'S JURISDICTION SHALL BE CONSTRUCTED ACCORDING TO THE SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION (LATEST EDITION). THE SPECIFICATIONS CAN BE FOUND IN PDF FORMAT ON-LINE AT WWW.SANDY.UTAH.GOV (PUBLIC WORKS, STANDARD SPECIFICATIONS)

* BUILDER/OWNER SHALL SECURE AN EXCAVATION PERMIT FROM SANDY CITY PUBLIC WORKS DEPARTMENT (MONICA PETERSEN, 8775 SOUTH 700 WEST, 801-568-2964) PRIOR TO DOING ANY WORK IN THE SANDY CITY RIGHT-OF-WAY. TRAFFIC PLAN, BONDING & INSURANCE WILL BE REQUIRED.

* THE OWNER IS RESPONSIBLE FOR THE MAINTENANCE OF THE HILLSIDE AREA OF THE LOT. EROSION SHALL BE CONTROLLED BY PLANTING OR OTHER MEANS AS REQUIRED.

* RETAINING WALLS ALONG PROPERTY LINES SHALL HAVE A MAXIMUM HEIGHT OF 5.0 FEET FROM FINISH GRADE AT BOTTOM OF WALL TO TOP OF WALL, WITH A MINIMUM OF 5.0 FEET BETWEEN WALL TIERS FROM BACK OF LOWER WALL TO FACE OF UPPER WALL.

* FOR RETAINING WALLS THAT WILL BE 4.0 FEET HIGH OR HIGHER (FROM BOTTOM OF WALL FOOTING TO TOP OF WALL), SUBMIT DESIGN CALCULATIONS AND DETAILS, STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER CURRENTLY LICENSED IN UTAH, FOR REVIEW AND APPROVAL, TO RYAN KUMP, SANDY CITY ENGINEER (801-568-2962). OBTAIN A PERMIT FROM THE SANDY CITY BUILDING DIVISION (801-568-7251).

* A PROFESSIONAL ENGINEER, CURRENTLY LICENSED IN UTAH, SHALL INSPECT DURING CONSTRUCTION, AND APPROVE AFTER CONSTRUCTION, ANY RETAINING WALLS THAT ARE 4.0 FEET HIGH OR HIGHER, FROM TOP OF WALL TO BOTTOM OF FOOTING. SAID ENGINEER SHALL SUBMIT A LETTER, STAMPED, WITH THE STAMP SIGNED AND DATED, AND INDICATING THAT THE WALL WAS INSTALLED ACCORDING TO THE APPROVED DESIGN, TO THE SANDY CITY ENGINEER.

* DURING CONSTRUCTION, THE FOUNDATION EXCAVATION SHALL BE INSPECTED BY A PROFESSIONAL GEOLOGIST, CURRENTLY LICENSED IN THE STATE OF UTAH AND EXPERIENCED IN LOOKING FOR GEOLOGIC FAULTS, TO VERIFY THAT NO ACTIVE FAULT RUPTURES ARE PRESENT. THE GEOLOGIST SHALL SUBMIT A STAMPED, SIGNED MEMORANDUM OR LETTER TO SANDY CITY PUBLIC WORKS WITH THE RESULTS OF THE INSPECTION. IF A FAULT RUPTURE IS DISCOVERED, WORK ON THE STRUCTURE SHALL CEASE UNTIL A REVIEW BY SANDY CITY CAN BE COMPLETED, AT WHICH TIME SANDY CITY MAY DISAPPROVE THE BUILDING PERMIT.

LEGEND AND ABBREVIATIONS

TC = TOP OF CURB	AC = ASPHALTIC CONCRETE	FS = FINISH SURFACE	GB = GRADE BREAK	FF = FINISHED FLOOR	FG = FINISH GRADE	TW = TOP OF WALL	GF = GARAGE FLOOR	BW = BOTTOM OF WALL @ FG (NOT TOP OF FOUNDATION)	XXXX	DIRECTION OF FLOW & SLOPE
									XXXXXX	EXISTING GRADE
									XX.XX	PROPOSED GRADE
									XXXX	EXISTING CONTOUR
									XXXX	PROPOSED CONTOUR
									----	RIGHT-OF-WAY/PROPERTY LINE
									----	DEED LINES
									----	CENTERLINE
									----	EXISTING CURB, GUTTER & SIDEWALK
									----	EXISTING STRUCTURE
									----	FLOW LINE
									XXXXXX	PROTECTED HILLSIDE AREA - TO REMAIN IN ITS NATURAL CONDITION. NO GRADING, CUTTING, FILLING OR CONSTRUCTION OF ANY KIND IS ALLOWED, EXCEPT AS APPROVED BY THE SANDY CITY ENGINEER.

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

CALL BEFORE YOU DIG. IT'S FREE & IT'S THE LAW.
 1-800-662-4111
 208-2100
 (SALT LAKE METRO)

BENCHMARK
 BRASS DISC MONUMENT MARKING THE NORTH QUARTER CORNER OF SECTION 14, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN
 PROJECT ELEVATION = 5036.92 FEET NAVD 1988

GILSON ENGINEERING
 CONSULTING ENGINEERS & ARCHITECTS
 10471 SOUTH WASATCH BLVD. SANDY, UTAH 84092
 PHONE: (801) 571-9414 FAX: (801) 571-9449

LICENSED PROFESSIONAL ENGINEER
 No. 362118
 Bradley S. Gilson
 7/10/19

DATE	REVISIONS	BY	COMMENTS
JULY 2019	C-101	JM/JGB	GRADING & DRAINAGE

DESIGNED/DRAWN BY: JM/JGB
 CHECKED: [] APPROVED: []

1" SCALE MEASURES 1" ON FULL SIZE SHEET
 ADJUST FOR HALF SIZE SHEETS

GRADING & DRAINAGE
 BRYCE ZUNDEL
 10471 SOUTH WASATCH BLVD.
 SANDY, UTAH 84092
 SALT LAKE COUNTY, UTAH

REVISION: -
 PROJ. # **ZUN.010**
C.101