PARK 1, 4, 10 OREM UT PARK STAKE PARKING AND DRAINAGE UPGRADE

50 SOUTH 750 WEST OREM, UTAH 84058 PROPERTY # 505069319020101

COVER SHEET

G1.00

JULY 2019

1.1 COMPLIANCE

- 1. ALL WORK TO CONFORM TO GOVERNING MUNICIPALITY'S STANDARDS, SPECIFICATIONS AND
- 2. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS AND THE MOST RECENT, ADOPTED EDITIONS OF THE FOLLOWING: INTERNATIONAL BUILDING CODE (IBC), THE INTERNATIONAL PLUMBING CODE, STATE DRINKING WATER REGULATIONS, APWA MANUAL OF STANDARD PLANS AND SPECIFICATIONS, ADA ACCESSIBILITY
- 3. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS. ANY REVISIONS MUST HAVE PRIOR WRITTEN APPROVAL.
- 1.2 PERMITTING AND INSPECTIONS
- 1. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED THOROUGHLY REVIEWED PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE
- PERMITTING AUTHORITIES. 2. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND NOTIFYING ARCHITECT/ENGINEER OR INSPECTING AUTHORITY 48 HOURS IN ADVANCE OF COVERING UP ANY PHASE OF CONSTRUCTION REQUIRING OBSERVATION.
- 3. ANY WORK IN THE PUBLIC RIGHT-OF-WAY WILL REQUIRE PERMITS FROM THE APPROPRIATE, CITY, COUNTY OR STATE AGENCY CONTROLLING THE ROAD AND WITH APPROPRIATE INSPECTIONS.

1.3 COORDINATION & VERIFICATION

1. ALL DIMENSIONS, GRADES & UTILITY DESIGNS SHOWN ON THE PLANS SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN

INCORRECTLY ON THESE PLANS, IF NOT VERIFIED AND NOTIFICATION OF CONFLICTS HAVE NOT

2. CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING AND BRING UP ANY QUESTIONS BEFOREHAND. NO ALLOWANCE WILL BE MADE FOR DISCREPANCIES OR OMISSIONS THAT CAN BE EASILY OBSERVED.

BEEN BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.

1.4 SAFETY AND PROTECTION

- 1. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION, 2. CONTRACTOR IS RESPONSIBLE FOR THE SAFETY OF THE PROJECT AND SHALL MEET ALL OSHA
- 3. CONTRACTOR IS RESPONSIBLE FOR CONFORMING TO LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS AND TRENCHES, AND FOR THE PROTECTION OR WORKERS AND PUBLIC.
- 4. CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT ALL EXISTING PUBLIC AND PRIVATE PROPERTY, ROADWAYS, AND UTILITY IMPROVEMENTS. DAMAGE TO EXISTING IMPROVEMENTS CAUSED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT
- HIS/HER EXPENSE TO THE SATISFACTION OF THE OWNER OF SAID IMPROVEMENTS. 5. CONTRACTOR IS REQUIRED TO KEEP ALL CONSTRUCTION ACTIVITIES WITHIN THE APPROVED PROJECT LIMITS. THIS INCLUDES, BUT IS NOT LIMITED TO, VEHICLE AND EQUIPMENT STAGING, MATERIAL STORAGE AND LIMITS OF TRENCH EXCAVATION.
- 6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN PERMISSION AND/OR EASEMENTS FROM THE APPROPRIATE GOVERNMENT AGENCY AND/OR INDIVIDUAL PROPERTY OWNER(S) FOR WORK OR STAGING OUTSIDE OF THE PROJECT LIMITS.
- 7. CONTRACTOR SHALL PROVIDE BARRICADES, SIGNS, FLASHERS, OTHER EQUIPMENT AND FLAG PERSONS NECESSARY TO INSURE THE SAFETY OF WORKERS AND VISITORS. ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
- 8. CONTRACTOR SHALL COMPLY WITH LOCAL NOISE ORDINANCE STANDARDS.
- 9. CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL ACCORDING TO GOVERNING AGENCY 10.CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT
- ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK IN CONNECTION WITH CONSTRUCTION. SUBMIT A STORM WATER POLLUTION PREVENTION PLAN, IF REQUIRED. 11. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE PROSECUTED TO COMPLETION WITHOUT
- DELAY AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC. 12.CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE
- AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION 13.NATURAL VEGETATION AND SOIL COVER SHALL NOT BE DISTURBED PRIOR TO ACTUAL CONSTRUCTION OF A REQUIRED FACILITY OR IMPROVEMENT. MASS CLEARING OF THE SITE IN ANTICIPATION OF CONSTRUCTION SHALL BE AVOIDED. CONSTRUCTION TRAFFIC SHALL BE LIMITED TO ONE APPROACH TO THE SITE. THE APPROACH SHALL BE DESIGNATED BY THE OWNER OR GOVERNING AGENCY.

14. THE CONTRACTOR SHALL TAKE REASONABLE MEASURE TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE AND ALL SUCH IMPROVEMENTS DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED OR RECONSTRUCTED TO THE ENGINEER/OWNER'S SATISFACTION AT THE EXPENSE OF THE CONTRACTOR.

1.5 MATERIALS

- 1. SITE CONCRETE SHALL BE A MINIMUM 4500 P.S.I. @ 28 DAYS, 4" MAXIMUM SLUMP WITH 5 + OR -1% AIR ENTRAINMENT, UNLESS SPECIFIED OTHERWISE. -SEE SPECIFICATION
- A. SLABS-ON-GRADE WILL BE TYPICALLY SCORED (1/4 THE DEPTH) AT INTERVALS NOT TO EXCEED THEIR WIDTH OR 12 TIMES THEIR DEPTH, WHICHEVER IS LESS. SCORING WILL BE PLACED TO PREVENT RANDOM CRACKING. FULL DEPTH EXPANSION JOINTS WILL BE PLACED AGAINST ANY OBJECT DEEMED TO BE FIXED, CHANGES IN DIRECTION AND AT EQUAL INTERVALS NOT TO EXCEED 50 FEET.
- B. CONCRETE WATERWAYS, CURBWALLS, MOWSTRIPS, CURB AND GUTTER, ETC. WILL TYPICALLY BE SCORED (1/4 THE DEPTH AT INTERVALS NOT TO EXCEED 10 FEET AND HAVE FULL DEPTH EXPANSION JOINTS AT EQUAL SPACING NOT TO EXCEED 50 FEET). C. UNLESS OTHERWISE NOTED, ALL SLABS-0N-GRADE WILL HAVE A MINIMUM 8" TURNED-DOWN EDGE TO HELP CONTROL FROST HEAVE.
- D. UNLESS OTHERWISE NOTED, ALL ON-GRADE CONCRETE WILL BE PLACED ON A MINIMUM 4" BASE COURSE OVER A WELL COMPACTED (90%) SUBGRADE.
- E. ALL EXPOSED SURFACES WILL HAVE A TEXTURED FINISH, RUBBED OR BROOMED. ANY "PLASTERING" OF NEW CONCRETE WILL BE DONE WHILE IT IS STILL "GREEN". F. ALL JOINTS (CONTROL, CONSTRUCTION OR EXPANSION JOINTS, ETC.) WILL BE SEALED WITH A
- ONE PART POLYURETHANE SEALANT (SEE SPECIFICATION). 2. ASPHALTIC CONCRETE PAVEMENT SHALL BE A MINIMUM 3" OVER 6" OF COMPACTED (95%) ROAD BASE OVER PROPERLY PREPARED AND COMPACTED (90%) SUBGRADE, UNLESS NOTED
- OTHERWISE. -SEE SPECIFICATIONS. A. ASPHALT COMPACTION SHALL BE A MINIMUM 96% (MARSHALL DESIGN). B. SURFACE COARSE SHALL BE ½ " MINUS. MIX DESIGN TO BE SUBMITTED FOR APPROVAL AT

LEAST TWO WEEKS PRIOR TO ANTICIPATED PAVING SCHEDULE.

C. AC PAVEMENT TO BE A 1/4" ABOVE LIP OF ALL GUTTER AFTER COMPACTION. D. THICKNESSES OVER 3" WILL BE LAID IN TWO LIFTS WITH THE FIRST LIFT BEING AN APPROVED 3/4" MINUS DESIGN.

1.6 GRADING / SOILS

- 1. SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT, WHICH BY REFERENCE ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND IN CASE OF CONFLICT SHALL TAKE PRECEDENCE, UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS, OR IN THE SPECIFICATIONS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCY BETWEEN THE SOILS REPORT AND THESE PLANS AND SPECIFICATIONS. 2. PROCEDURE FOR UNSUITABLE MATERIALS:
- A. EXCAVATE TO SUBGRADE.
- B. SCARIFY A MINIMUM OF 12" DEEP AND ALLOW TO DRY. RESCARIFY EVERY 2-3 DAYS. C. PROOFROLL AND COMPACT.
- 3. IF, WHILE PROOFROLLING, SOFT SPOTS TURN UP, IT WILL BE RESCARIFIED AND ALLOWED TO DRY (UP TO TWO WEEKS). AFTER TWO WEEKS, THE SOFT AREAS WILL BE MEASURED UP AND OVEREXCAVATED. THE OVEREXCAVATION WILL BE UNDER DIRECTION OF THE ARCHITECT/ENGINEER. THE SOFT MATERIAL WILL BE REMOVED AND REPLACED WITH SUITABLE MATERIALS. THE BOTTOM OF THE EXCAVATION WILL RECEIVE A STABILIZATION FABRIC, MIRAFI 160N OR APPROVED BY ARCHITECT/ENGINEER.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS AS
- 5. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM TEST D-1557, EXCEPT UNDER BUILDING FOUNDATIONS WHERE IT SHALL BE 98% MIN. OF MAXIMUM DENSITY. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM.
- 6. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED REGISTERED SOILS ENGINEER, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITH THE BUILDING PAD AREA AND AREAS TO BE PAVED. HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS
- 7. SITE CLEARING SHALL INCLUDE THE LOCATING AND REMOVAL OF ALL UNDERGROUND TANKS, PIPES, VALVES, ETC.
- 8. ALL EXISTING VALVES, MANHOLES, ETC. SHALL BE RAISED OR LOWERED TO GRADE AS REQUIRED. PROVIDE CONCRETE RING OR APRON AROUND RAISED OR NEW ELEMENTS.
- 9. ALL ELEMENTS SUCH AS VALVES, MANHOLES, INLET COVERS, ETC. ARE REQUIRED TO HAVE A NEW 6" THICK x 2x DIA, WIDE CONCRETE APRON INSTALLED, UNLESS DETAILED OTHERWISE.

1.7 UTILITIES

- 1. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES EITHER DIRECT OR THROUGH BLUE STAKE TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION
- CONTRACTOR TO VERIFY BY POTHOLING BOTH THE VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO INSTALLING ANY NEW LINES. NO ADDITIONAL COMPENSATION

SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.

- 3. CONTRACTOR MUST START AT LOW END OF ALL NEW GRAVITY UTILITY LINES. MECHANICAL SUB-CONTRACTOR MUST BE PROVIDED CIVIL SITE DRAWINGS FOR COORDINATION AND TO CHECK THE FLOW FROM THE LOWEST POINT IN BUILDING TO THE FIELD VERIFIED CONNECTION AT THE EXISTING MAIN. NO EXTRA COMPENSATION IS TO BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO FAILURE TO COMPLY WITH THESE REQUIREMENTS.
- 4. CONTRACTOR IS TO VERIFY LOCATION, DEPTH, SIZE, TYPE, AND OUTSIDE DIAMETERS OF UTILITIES IN THE FIELD BY POTHOLING A MINIMUM OF 300 FEET AHEAD, PIPELINE CONSTRUCTION TO AVOID CONFLICTS WITH DESIGNED PIPELINE GRADE AND ALIGNMENT. EXISTING UTILITY INFORMATION SHOWN ON PLANS OR OBTAINED FROM UTILITY COMPANIES OR BLUE STAKED MUST BE ASSUMED AS APPROXIMATE, REQUIRING FIELD VERIFICATION.
- 5. STORM SEWER TO BE CONSTRUCTED IN ACCORDANCE WITH THE GOVERNING MUNICIPALITY STANDARDS AND SPECIFICATIONS.
- 6. ALL STORM DRAIN AND IRRIGATION CONDUITS SHALL BE INSTALLED WITH WATER TIGHT JOINTS AND CONNECTIONS.
- 7. ALL STORM DRAIN PIPE PENETRATIONS INTO BOXES SHALL BE CONSTRUCTED WITH WATER TIGHT SEALS ON THE OUTSIDE AND GROUTED SMOOTH WITH A NON-SHRINK GROUT ON THE INSIDE. CONDUITS SHALL BE CUT OFF FLUSH WITH THE INSIDE OF THE BOX.
- 8. NO CHANGE IN THE DESIGN OF UTILITIES AS SHOWN WILL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN APPROVAL OF THE GOVERNING MUNICIPALITY, OR OTHER AUTHORITY HAVING JURISDICTION OVER THAT UTILITY.
- 9. ALL STORM DRAIN CONDUITS AND BOXES SHALL BE CLEAN AND FREE OF ROCKS, DIRT, AND CONSTRUCTION DEBRIS PRIOR TO FINAL INSPECTION.

1.8 SURVEY CONTROL

- 1. CONTRACTOR MUST PROVIDE A REGISTERED LAND SURVEYOR OR PERSONS UNDER THE SUPERVISION OF A REGISTERED LAND SURVEYOR TO SET STAKES FOR THE ALIGNMENT AND GRADE OF EACH MAIN AND/OR FACILITY AS SHOWN ON THE PLANS. THE STAKES SHALL BE MARKED WITH THE HORIZONTAL LOCATION (STATION) AND VERTICAL LOCATION (GRADE) WITH CUTS AND/OR FILLS TO THE APPROVED GRADE OF THE MAIN AND OR FACILITY AS SHOWN ON THE PLANS.
- 2. THE CONTRACTOR SHALL PROTECT ALL STAKES AND MARKERS FOR VERIFICATION PURPOSES. 3. CONTRACTOR WILL BE RESPONSIBLE FOR FURNISHING, MAINTAINING, OR RESTORING ALL MONUMENTS AND REFERENCE MARKS WITHIN THE PROJECT SITE.

1.9 AMERICAN DISABILITIES ACT

- 1. PEDESTRIAN / ADA ROUTES SHALL MEET THE FOLLOWING SPECIFICATIONS: *ROUTES SHALL HAVE A 2.00% (1:50) MAXIMUM CROSS SLOPE. *ROUTES SHALL HAVE A 5.00% (1:20) MAXIMUM RUNNING SLOPE.
- *RAMPS SHALL HAVE A 8.33% (1:12) MAXIMUM RUNNING SLOPE. 2. ADA PARKING STALLS AND ADJACENT ROUTES SHALL HAVE A 2.00% MAXIMUM SURFACE SLOPE
- IN ANY DIRECTION. 3. THE CONTRACTOR SHALL ADHERE TO THE ABOVE SPECIFICATIONS. IN THE EVENT OF A DISCREPANCY IN THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER PRIOR TO ANY CONSTRUCTION.

LEGEND

NEW	EXISTING		NEW	EXISTING	
		MONUMENT LINE		lack	SECTION CORNER (FOUND)
		CENTER LINE		Λ	
		SUBJECT PROPERTY LINE			SECTION CORNER (NOT FOUND)
		ADJACENT PROPERTY LINE		�	STREET MONUMENT
		EASEMENT LINE		•	BRASS CAP MONUMENT
· · - · · - · · - · · -		DITCH FLOWLINE	↔ PP	$\overset{ o}{ hilde{ heta}}_{ extsf{PP}}$	POWER POLE
x	X	FENCE LINE	er OP	↔ UP	UTILITY POLE
ATMS	atms	ATMS CABLE	GUY	GUY	GUY ANCHOR
CATV	catv	CABLE TV LINE			POWER TRANSFORMER
c	c	COMMUNICATIONS LINE	TRANS	TRANS	TRAFFIC SIGNAL CABINET
FO	fo	FIBER-OPTIC CABLE	~ *Lp	— × LP	LIGHT POLE
F	f	FIRE LINE	TR	□ TR	TELEPHONE RISER
G	g	NATURAL GAS LINE	(T)	T	TELEPHONE MANHOLE
IRR——	irr	IRRIGATION LINE	\boxtimes	\boxtimes	TRAFFIC SIGNAL BOX
——— OHP ———	ohp	OVERHEAD POWER LINE	(W)	W	WATER MANHOLE
Р	p	POWER LINE	\otimes	\otimes	WATER VALVE
——————————————————————————————————————	——— p/c ———	POWER/COMMUNICATIONS LINE	₩	(WM)	WATER METER
——— P/T ———	p/t	POWER/TELEPHONE LINE	6		FIRE HYDRANT
P/T/C ——	p/t/c	POWER/TELE/COMM LINE	S	(§)	SANITARY SEWER MANHOLE
RD	rd	ROOF DRAIN LINE	°ssco	°ssco	SANITARY SEWER CLEANOUT
SW	sw	SECONDARY WATER LINE	S	(SD)	STORM DRAIN MANHOLE
s		SANITARY SEWER LINE			STORM DRAIN CURB INLET
ST	st	STEAM LINE			STORM DRAIN CATCH BASIN
SD	sd	STORM DRAIN LINE	S	(SD)	STORM DRAIN CLEANOUT
		TELEPHONE LINE			STORM DRAIN COMBO BOX
TIO			MB	MB	MAILBOX
T/C ——	——————————————————————————————————————	TELEPHONE/COMM LINE	d	Q	SIGN
UGP ———	ugp	UNDERGROUND POWER LINE	<	\triangleleft —	FLOW DIRECTION
		WATER LINE	96.03	• 97.25	SPOT ELEVATION
	4572	CONTOUR LINE	TOC	Ma	OF CT ELEVATION
		CURB & GUTTER (STD)	months of the second	man of the second	CONIFEROUS TREE
		CURB & GUTTER (OUTFALL)		bohr	
		CONCRETE PAVEMENT			DECIDUOUS TREE
		STD. DUTY ASPHALT			

STD. DUTY ASPHALT

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ACRE AMERICANS WITH DISABILITIES ACT SYSTEM **BAR & CAP** BUILDING CORNER **BLUFO** BLUG **BLUIRR BLUSD BLUSS** BLUW BENCHMARK BOB BOTTOM OF BOX BOL BOLLARD BOV **BLOW-OFF VALVE BOTTOM OF WALL** CENTERLINE CABLE TELEVISION CATV CBR CURB CUT COL COLUMN COMM COMMUNICATIONS CONC CONCRETE CONST CONSTRUCTION CMP CONTROL POINT

CUFT **CUBIC FOOT** CUYD CUBIC YARD ADVANCED TRAFFIC MGMT. DELINEATOR DIA or Ø DIAMETER **DUCTILE IRON PIPE** DTREE **DECIDUOUS TREE** BLUE STAKED ELECTRIC DYL BLUE STAKED FIBER OPTIC BLUE STAKED NATURAL GAS EB BLUE STAKED IRRIGATION EGL BLUE STAKED STORM DRAIN ELEV **ELEVATION** BLUE STAKED SANITARY BLUE STAKED TELEPHONE EOA BLUE STAKED WATER EOC EOG EOL EXISTING EX or EXIST CONCRETE BARRIER **FDSC** FFE FLOW LINE **FENCE** CORRUGATED METAL PIPE

FNCCL

IRON FENCE

CTREE

CONIFEROUS TREE

DOUBLE YELLOW LINE ELECTRIC BOX **ENERGY GRADE LINE ELECTRIC METER** ELECTRIC MANHOLE **EDGE OF ASPHALT EDGE OF CONCRETE** EDGE OF GRAVEL EDGE OF LAWN FOUNDATION CORNER FIRE DEPT. CONNECTION FOUND MONUMENT FOUND SECTION CORNER FINISHED FLOOR ELEVATION LF FINISHED GRADE FIRE HYDRANT MON CHAIN LINK FENCE

FNCVYL

FNCWD

FO

FT

FOW

WOOD FENCE

WIRE FENCE

FIBER OPTIC

NATURAL GAS

METAL PIPE

FEET

FRONT OF WALK

GARAGE ORIGINAL GROUND GRADE BREAK OVERHANG **GROUND LIGHT** OVERHEAD GAS METER COMMUNICATIONS **OVERHEAD POWER** GAS MANHOLE **GUY WIRE** OVERHEAD TELEPHONE GAS VALVE OVERHEAD TELEVISION HIGH DENSITY PROPERTY LINE POLYETHYLENE POWER BOX **HEADGATE** POINT OF CURVATURE HYDRAULIC GRADE LINE POINT OF COMPOUND CURVE SS HIGH POINT POINT OF INTERSECTION HEADWALL or HIGH WATER PARKING METER **HIGHWAY** POWER POLE IRRIGATION CLEANOUT POINT OF REVERSE CURVE IRRIGATION CONTROL VALVE PRK PARKING STRIPE INVERT ELEVATION POINT OF CONNECTION IRRIGATION POINT OF TANGENCY LINEAR FEET LIP OF GUTTER POLYVINYL CHLORIDE PIPE LOW POINT or LIGHT POLE RANGE MAXIMUM REINFORCED CONCRETE MINIMUM MONUMENT

MONITORING WELL

NATURAL GROUND

NAIL & RIBBON

NAIL & WASHER

NOT TO SCALE

ROOF DRAIN

NG AT RETAINING WALL

NORTH

ABBREVIATIONS

NTS

SQUARE SQUARE FEET SQUARE YARD SANITARY SEWER SANITARY SEWER CLEANOUT UP SANITARY SEWER MANHOLE VCP SSMH STATION **STANDARD** STORM SOLID YELLOW LINE SOLID WHITE LINE TOWNSHIP TOP BACK OF CURB TELEPHONE TELE TOP FACE OF CURB

REVISION

RAILROAD

DRAWINGS

SECTION

SPECIFICATIONS

STORM DRAIN

SOUTH

SDCO

SLB&M

RIGHT-OF-WAY

SEE ARCHITECTURAL

STORM DRAIN CATCH BASIN

STORM DRAIN CLEOUNOUT

SALT LAKE BASE & MERIDIAN

STORM DRAIN MANHOLE

UNLESS NOTED OTHERWISE UTILITY POLE VITRIFIED CLAY PIPE VERTICAL PIPE WEST or WATER WATER METER WATER MANHOLE WATER SURFACE WATER WATER VALVE WATERWAY

TOP OF ASPHALT

TOE OF SLOPE

TOP OF WALL

TELEVISION

TRANSFORMER

UNDERDRAIN

UNDERGROUND

COMMUNICATIONS

UNDERGROUND POWER

UNDERGROUND TELEPHONE

UNDERGROUND TELEVISION

TELEPHONE RISER

TRAFFIC SIGNAL POLE

TRAFFIC SIGNAL BOX

TOC

TRANS

UGC

UGP

UGT

UGTV

U.N.O.

TOP OF CONCRETE

TOP OF SLOPE or TOP OF

TREE LINE TELEPHONE MANHOLE

VICINITY MAP

G1.01

PROJECT NO: 18107

DRAWN BY: MGS/DTS

CHECKED BY: RJP/CEG

PROP NO: 505069319020101

GENERAL NOTES

LEGEND, AND

ABBREVIATIONS

DATE: JULY 2019





