

# SCOTT KJAR HUNTSVILLE STORAGE



PARCEL# 24-018-0003 LOCATED IN THE SE 1/4 OF SECTION 18, T.6N., R.2E., S.L.B.&M. HUNTSVILLE CITY, WEBER COUNTY, UTAH

## **VICINITY MAP**



### DRAWING INDEX

C000	COVER
C100	NOTES AND LEGEND
C200	TOPOGRAPHIC PLAN
C400	SITE PLAN
C500	GRADING PLAN
EC100	EROSION CONTROL PLAN
TOTAL SHEETS	6

#### GENERAL NOTES

1) ALL WORK WITHIN A PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE RIGHT-OF-WAY OWNER'S STANDARDS & SPECIFICATIONS.

2) ALL UTILITY WORK SHALL CONFORM TO THE UTILITY OWNER'S STANDARDS & SPECIFICATIONS.

3) THESE PLANS DO NOT INCLUDE DESIGN OF DRY UTILITIES. THESE PLANS MAY CALL FOR RELOCATION, AND/OR REMOVAL AND/OR CONSTRUCTION OF DRY UTILITIES, BUT ARE NOT OFFICIAL DRAWINGS FOR SUCH, DESIGN AND COORDINATION OF DRY UTILITIES IS BY OTHERS.

4) THE CONTRACTOR SHALL COORDINATE AND OBTAIN ANY PERMITS REQUIRED FOR THE WORK SHOWN HEREON,  $\,$ 

5) THE LOCATION AND ELEVATIONS OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS IS A BEST ESTIMATE BASED ON UTILITY COMPANY RECORDS, BULESTAKES, AND FIELD MEASUREMENTS OF READILY OBSERVABLE ABOVE-GROUND FEATURES, AS SUCH, THIS INFORMATION MAY NOT BE COMPLETE, UP-TO-DATE, OR ACCURATE, IT IS THE CONTRACTOR'S RESPONSIBILITY TO STOP WORK AND NOTIFY THE ENGINEER IF CONFLICTING INFORMATION IS FOUND IN THE FIELD.

6) "THE CONTRACTOR IS TO FIELD VERIFY THE LOCATION AND ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES PRIOR TO STAKING AND CONSTRUCTION.

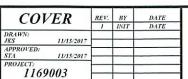
7) CALL BLUESTAKES AT LEAST 48 HOURS PRIOR TO DIGGING. DO NOT PROCEED UNTIL BLUESTAKES ARE MARKED.

8) IT SHALL BE THE CONTRACTOR'S AND SUBCONTRACTOR'S RESPONSIBILITY TO MEET ALL APPLICABLE HEALTH AND SAFETY REGULATIONS, AND SHALL ASSUME SOLE RESPONSIBILITY FOR JOB-STIE CONDITIONS DURING CONSTRUCTION OF THIS PROJECT, SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK, AND THE PUBLIC IS PROTECTED.





BENCHMARK: FOUND REBAR AND CAP AT SW PROPERTY CORNER ELEVATION: 4943.32





181 North 200 West, Suite #4 Bountiful, UT 84010 Phone 801.298.2236 www.Entellus.com

#### **GENERAL NOTES** ALL IMPROVEMENTS SHALL COMPLY WITH THE STANDARDS AND REGULATIONS OF THE LOCAL GOVERNING MUNICIPALITY. CONTACT THE PUBLIC WORKS OFFICE BEFORE BEGINNING CONTRACTOR TO FIELD VERIFY LOCATION, SIZE, AND AVAILABILITY OF EXISTING UTILITIES UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE, SEE UTILITY NOTE 3. ALL DIMENSIONS ARE IN FOOT UNITS AND ARE TO THE TOP BACK OF CURB UNLESS SHOWN PROVIDE HANDICAP RAMPS AT ENDS OF WALKWAYS, END 0.1' ABOVE FLOWLINE OF CURB. CURB AND GUTTER SHALL BE AS PER APWA STD DWG NO 205 TYPE A. UTILITY INFORMATION INDICATED ON DRAWING IS BASED UPON VISUAL OBSERVATION OR INFORMATION FURNISHED BY MUNICIPAL AUTHORITIES WHICH MAY NOT BE VALID. LATERAL LOCATIONS AND ELEVATIONS ARE ASSUMED. SEE UTILITY NOTE 3. ALL GRADING SHALL BE DONE UNDER THE SUPERVISION OF A QUALIFIED SOILS ENGINEER WHO SHALL VERIFY THAT ALL FILL HAS BEEN PLACED IN ACCORDANCE WITH PROVISIONS IN CURRENT INTERNATIONAL BUILDING CODE COMPACTION TEST REPORTS SHALL BE MADE AVAILABLE TO THE ENGINEER WITHIN 24 HOURS OF A REQUEST. FINAL REPORTS AS SPECIFIED IN CURRENT INTERNATIONAL BUILDING CODE SHALL BE SUBMITTED TO THE ENGINEER WITHIN TEN DAYS AFTER COMPLETION OF GRADING. ALL STORM DRAIN PIPE SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND THE LOCAL GOVERNING MUNICIPALITY'S STANDARDS AND STORM DRAIN PIPE WITHIN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO THE RIGHT-OF-WAY OWNER'S SPECIFICATIONS. PRIVATE STORM DRAIN PIPE OPTIONS SHALL CONSIST IF THE FOLLOWING MATERIALS. PVC PIPE, ASTM D3034, SDR 35, BELL & SPIGOT TYPE. RCP PIPE, CLASS 3, BELL & SPIGOT TYPE. HIGH DENSITY CORRUGATED POLYETHYLENE SMOOTH INTERIOR PIPE, ASTM D3350 WITH WATERTIGHT JOINTS. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CHECK CONDITIONS AT THE SITE BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF AN TYPICAL DETAILS SHALL APPLY IN GENERAL CONSTRUCTION UNLESS SPECIFICALLY DETAILED WHERE NO DETAILS ARE GIVEN, CONSTRUCTION WILL BE AS FOR SIMILAR WORK. DO NO SCALE DRAWINGS.

ANY OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK INVOLVED.

. PIPE BEDDING SHALL BE 3/8" MAXIMUM AGGREGATE, USE 3/4" MAXIMUM SIZE ROAD BASE

16. ALL WORK SHALL COMPLY WITH THE AMERICAN PUBLIC WORKS ASSOCIATION LITAH CHAPTER ALL WORK SHALL COMPLET WITH THE AMERICAN PUBLIC WORKS ASSOCIATION OTHER HAPP (APVA) MANUAL OF STANDARD SPECIFICATIONS 2007 EDITION WITH ALL PERTINENT SUPPLEMENTS AND AMENDMENTS AND THE MANUAL OF STANDARD PLANS 2007 EDITION. SAID STANDARD SPECIFICATIONS AND PLANS SHALL BE THE REQUIREMENTS.

. IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THE WORK TO BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES WHICH EXIST IN THE PLANS OR SPECIFICATIONS. THE ENGINEER'S INTERPREPAYATION THEEPER CHAIL BE COMPLISION.

NTERPRETATION THEREOF SHALL BE CONCLUSIVE, THE CONTRACTOR SHALL BE HELD

RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORITY FROM

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND

TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS. ALL TESTING AND

NSPECTION SHALL BE PAID FOR BY THE OWNER; ALL RE-TESTING AND/OR REINSPECTION

THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD

THE CONTINUE OF A PHALL PIANTIAN A REALTY PRIMED SET OF PULL-SIZE AS-BOILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL MECHANICAL; ELECTRICAL AND INSTRUMENTATION EQUIPMENT; PIPING AND CONDUITS; STRUCTURES AND OTHER FACILITIES. THE AS-BUILTS OF THE ELECTRICAL SYSTEM SHALL INCLUDE THE STREET LIGHT NAMED TO AN ELECTRICAL SYSTEM SHALL INCLUDE THE STREET LIGHT

IMPROVEMENTS CONSTRUCTED, WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE

PRIOR TO ACCEPTANCE OF THE PROJECT. THE CONTRACTOR SHALL DELIVER TO ENGINEER

AS-BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATION

ONE SET OF NEATLY MARKED AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE

REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL

IECTIONS TO SERVICES, PULLBOXES, AND WIRE SIZES. AS-BUILT RECORD DRAWINGS

LAYOUT PLAN SHOWING LOCATION OF LIGHTS, CONDUCTORS, POINTS OF

SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL

15. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PUBLIC AND OSHA STANDARDS

FOR BACKFILL MATERIAL, COMPACT TO 95% STANDARD PROCTOR DENSITY, MAXIMUM LIFT 8

LOCATIONS OF ALL UNDERGROUND LITTLITIES SHOWN ARE APPROXIMATE LOCATIONS OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE LOCATIONS, CONTRACTOR IS TO FIELD VERIFY CONNECTION POINTS WITH EXISTING UTILITIES, INCLUDING LOCATIONS AND INVERT ELEVATIONS OF ALL EXISTING STRUCTURES OR PIPES, BEFORE STAKING OR CONSTRUCTING ANN NEW UTILITIES, CONTRACTOR IS RESPONSIBLE FOR ANY DAMAY CAUSED TO EXISTING UTILITIES AND UTILITY STRUCTURE THAT ARE TO DEMANN. INTO PROJECT PROPERTY AND GIVE H&A ENTELLUS, INC. 48 HOURS PRIOR NOTICE SO H&A ENTELLUS CAN VERIFY DEPTHS AND INVERT ELEVATIONS TO DETERMINE IF CONFLICTS EXIST. ALSO ANY EXISTING UTILITIES THAT RUN ACROSS PROJECT PROPERTY WHICH MAY CAUSE POTENTIAL CONFLICT NEED TO BE EXPOSED AND LOCATED BOTH HORIZONTALLY AND VERTICALLY. CONTRACTOR PROCEEDS AT OWN RISK IF H&A ENTELLUS IS NOT NOTIFIED TO FIELD VERIEY THE ABOVE MENTIONED CONDITIONS. CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL NO GROUNDWATER OR DEBRIS TO BE ALLOWED TO ENTER THE NEW PIPE DURING CONSTRUCTION. THE OPEN END OF ALL PIPES IS TO BE COVERED AND EFFECTIVELY SEALED AT THE END OF EACH DAYS WORK, ADEQUATE CLASSIFICATION WITH SUFFICIENT BEDDING TO MEET ALL REQUIREMENTS AND RECOMMENDATIONS FOR H-20 LOAD REQUIREMENTS. ALL NEW SANITARY SEWER CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY STANDARDS & SPECIFICATIONS. ALL SEWER LINES AND LATERALS ARE TO BE SDR 35 PVC PIPE. SEWER LATERALS WILL BE INSTALLED AT A UNIFORM SLOPE OF NOT LIESS.

THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING HIS OWN ESTIMATE OF WHERE NEW CURB AND GUTTER IS BEING CONSTRUCTED ADJACENT TO EXISTING ASPHALT OF CONCRETE PAVEMENT, THE FOLLOWING SHALL APPLY: PRIOR TO PLACEMENT OF ANY CONCRETE THE CONTRACTOR SHALL HAVE A LICENSED SURVEYOR VERIFY THE GRADE AND CROSS SLOPE OF THE CURB AND GUTTER FORMS, THE CONTRACTOR SHALL SUBMIT THE SLOPE AND GRADES TO THE ENGINEER FOR APPROVAL PRIOR THE PLACEMENT OF CONCRETE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY SECTION WHICH DOES NOT CONFORM TO THE DESIGN OR TYPICAL CROSS SECTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CURB AND GUTTER POURS WITHOUT THE APPROVAL OF THE ENGINEER.

**GRADING NOTES** 

2% ABOVE NOR 3% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED REGISTERED SOILS

ENGINEER, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS

VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF

AND ASSUMED INCLUDED IN THE CONTRACT

RECOMMENDATIONS SET FORTH IN THE SOILS, REPORT,

**EROSION CONTROL** ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE STANDARDS AND

> ALL SEDIMENT CONTROL MEASURES TO BE ADJUSTED TO MEET FIELD. CONDITIONS AT THE TIME OF CONSTRUCTION AND CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE DAILY INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL

REGULATIONS OF THE LOCAL GOVERNING MUNICIPALITY.

DAILY INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO INSURE INTENDED PURPOSE IS ACCOMPLISHED. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SEDIME LEAVING THE PROPERTY, SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY,

ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS WILL BE PROTECTED TO PREVENT TRACKING OF MUD ONTO PUBLIC WAYS. ALL SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM DRAINAGE

SYSTEM THROUGH THE USE OF SANDBAGS, STRAW BALES, SILT FENCES, GRAVEL, BOARDS, AND OTHER APPLICABLE METHODS. ALL DISTURBED AREAS OUTSIDE OF ROADWAYS, PARKING LOTS, SIDEWALKS AND OR BUILDING FOOTPRINTS SHALL BE SEEDED, SODDED AND/OR

MULCHED. IF SITE IS READY TO RECEIVE FINAL COVER DURING THE NON-PLANTING IF SITE IS READ TO RECEIVE FINAL COVER OURING THE MOTEPAINTING SEASON, THEN IT SHALL BE PROTECTED BY MULCHING. THE MULCH WILL REMAIN UNTIL THE NEXT PLANTING SEASON AS DEFINED BY THE LOCAL GOVERNING MUNICIPALITY.

RE-VEGETATE ALL DENUDED AREAS AS PER THE STANDARDS AND REGULATIONS OF THE LOCAL GOVERNING MUNICIPALITY.

THE CONTRACTOR AGREES THAT:

THEY SHALL BE RESPONSIBLE TO CLEAN THE JOB SITE AT THE END OF

THEY SHALL BE RESPONSIBLE TO REMOVE AND DISPOSE OF ALL TRASH, SCRAP AND UNUSED MATERIAL AT THEIR OWN EXPENSE IN A TIMELY

THEY SHALL BE RESPONSIBLE TO MAINTAIN THE SITE IN A NEAT, SAFE AND ORDERLY MANNER AT ALL TIMES.

THEY SHALL BE RESPONSIBLE TO KEEP MATERIALS, EQUIPMENT, AND TRASH OUT OF THE WAY OF OTHER CONTRACTORS SO AS NOT TO DELAY THE TOP FAILURE TO DO SO WILL RESULT IN A DEDUCTION FOR THE COST OF CLEAN

THEY SHALL BE RESPONSIBLE FOR THEIR OWN SAFETY, TRAFFIC CONTROL PERMITS, RETESTING AND REINSPECTION AT THEIR OWN EXPENSE.

UNLESS OTHERWISE NOTED ALL EXCESS SOILS AND MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LAWFULLY DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAG-MEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY

SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING REPLACTING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING IT WITH SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT, ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM TEST D-1557 EXCEPT UNDER BUILDING FOUNDATION WHERE IT SHALL BE 95% MIN. OF MAXIMUM DENSITY. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 20% ARDIVE MORE 30% SEGUE OUTSTANDED. CONTRACTOR CHAIL SURVEY. SECTION CORNER 0 MONUMENT ⊠30.82 ⊠ 30.82 EXISTING SPOT ELEVATION WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED, HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECS AND THE ₩30.82 PROPOSED SPOT ELEVATION THE CONTRACTOR IS TO USE BEST MANAGEMENT PRACTICES FOR PROVIDING GRADE DOWNWARD GRADE FROSION CONTROL FOR CONSTRUCTION OF THE PROJECT. SPECIFIC DETAILS SHOWN SHALL BE USED IN COMBINATION WITH OTHER ACCEPTED LOCAL (4258) \_\_\_\_ EXISTING INDEX CONTOUR EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE THIE OF PERPRARATION OF PLANS, LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES, ANY ADDITIONAL CONTENT ACCOUNTED THE PLANS OF INDICATED IN THE FIELD BY LOCATING SERVICES, ANY ADDITIONAL CONTENT ACCOUNTED AS A DESIGN OF CONTENT ACCOUNTED. - FYISTING MINOR CONTOUR PROPOSED CONTOUR PROPOSED MINOR CONTOUR \_\_\_\_ LOT OR BOUNDARY LINE --- -- PUBLIC UTILITY EASEMENT ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO — — BUILDABLE AREA SETBACK CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR - - CENTER LINE OF ROAD --- x --- x --- x - EXISTING FENCE IF AT ANY TIME DURING CONSTRUCTION ANY UNFAVORABLE GEOLOGICAL CONDITIONS ARE ENCOUNTERED, WORK IN THAT AREA WILL STOP UNTI APPROVED CORRECTIVE MEASURES ARE OBTAINED FROM THE ENGINEER EXISTING BUILDING PROPOSED BUILDING EXISTING ASPHALT =:= PROPOSED GRAVEL EXISTING CONCRETE PROPOSED CONCRETE PROPOSED CURB & GUTTER 6 ADA PARKING \* STREET LIGHT HIGHT HIGHT LIGHT POLE OPWR OPWR POWER POLE OTEL TELEPHONE POLE OUTIL OTILITY POLE + + STREET SIGN ROCK WALL -POWER TELEPHONE & TV -GAS

-SEWER

-WATER

-IRRIGATION

WO WORKING DAYS

BEFORE YOU DIG CA

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IT'S THE LAW TO CALL

**ABBREVIATIONS LEGEND** Ø DIAMETER

Δ DELTA

□ DEGRES

□ MINUTES, FEET

□ SECONDS, INCHES

AD ALGEBRAIC DIFFERENCE

ADA AMERICAN DISABILITIES ACT

ADS CORRUGATED BLACK PLASTIC PIPE

RACH ARCHITECT, ARCHITECTURAL

BSC BAR & CAP

BGC BOUNDAMPLINE AGREEMENT EXISTING WATER LINE PROPOSED WATER LINE EXISTING FIRE PROTECTION PROPOSED FIRE PROTECTION W (W) WATER MANHOLE BLDG BUILDING BM BENCHMARK
BND BOUNDARY
BOW BACK OF WALK
BRG BEARING
BV BUTTERFLY VALVE 0 BEGIN VERTICAL CURVE BVU BEGIN VERTICAL CURVE ELEVATION BVCS BEGIN VERTICAL CURVE ELEVATION CSC CURB AND GUTTER CB CATCH BASIN CH CHORD BEARING CI CAST IRON CIP CAST IN PLACE CL CENTER LINE BLOWOFF . VALVE H TEE 1111 ELBOW CL CENTERLINE
CMP CORRUGATED METAL PIPE
CO CLEANOUT CLEANOUT
COMMUNICATIONS
CONCRETE
CONSTRUCTION
CULINARY
CULINARY WATER
CULINARY WATERLINE Δ REDUCER THRUST BLOCK DUCTILE IRON --- IRR --- IRR --- EXISTING IRRIGATION LINE DIST DISTANCE

E EAST, ELECTRICITY, ELECTRICAL
FASE FASEMENT PROPOSED IRRIGATION LINE EG EXISTING GRADE BER BER IRRIGATION MANHOLE ELBOW ELBOW

ELECTRICAL

ELEVATION

EDGE OF ASPHALT

END VERTICAL CURVE

END VERTICAL CURVE (3) IRRIGATION METER EVCE END VERTICAL CURVE ELEVATION EVCS END VERTICAL CURVE STATION FINISH F.

G FINISH GRA.

H FIRE HYDRAIN
FL FLOWLINE
PINE PROPIECTION
FOR FROM PROPIECTION
FOR FROM PROPIECTION
FOR FROM PROPIECTION
FOR FROM PROPIECTION
G GRADE BREAK
HOW FOR WATER
HOW HOW FOR WATER
HOW HOW FOR THE TOTAL TO HOW PHE
HOW HOW HOW FOR THE TOTAL TO HOW PHE
HOW HOW HOW FOR THE TOTAL TO HOW PHE
HOW HOW FOR THE TOTAL TO HOW PHE
INVERT ELEVATION
'INVERT
' . . VALVE H TEE HILL ELBOW Δ REDUCER THRUST BLOCK ---- SS ---- SS --- EXISTING SEWER LINE IRV INVERT IRR IRRIGATION IRRMH IRRIGATION MANHO K RADIUS OF CURVAT L LENGTH — PROPOSED SEWER LINE SEWER MANHOLE LAT LATERAL SERVICE LDMH LAND DRAIN MANHOLE
LF LINEAL FEET
LG LIP OF GUTTER
LP LOW POINT LPE LOW POINT ELEVATION
LPS LOW POINT STATION
MD MEASURE DOWN EXISTING LAND DRAIN PROPOSED LAND DRAIN (I) (I) LAND DRAIN MANHOLE MON MONUMENT

N MORTH

NE MORTHEAST

NE MONTHEAST

NE MONTHAL GRADE

NR NOH-RADIAL

NN MORTHWEST

CC ON CENTER

OD OUTSIDE DIAMETER

OHP OVERHEAD POWER

PC POINT OF CURVATURE

PCC PORTLAND CONCRETE CEMENT

PL POINT OF INFLECTION

PL PROPERTY LINE

PPOP PROPERTY LINE EXISTING STORM DRAIN PROPOSED STORM DRAIN SDSD SDSD STORM DRAIN MANHOLE 88 \* CATCH BASIN / CLEANOUT PROPERTY
PT POINT OF TANGENCY
PUE PUBLIC UTILITY EASEMENT
PUESDE PUBLIC UTILITY EASEMENT & ORAINAGE EASEMENT
PYI POINT OF VERTICAL INFLECTION
R RADIUS
R RADIUS
R RADIUS 81 R RADIUS
C REBAR & CAP
L ROADWAY CENTERLINE
P REINFORCED CONCRETE PIPE
W RIGHT OF WAY
S SOUTH
D STORM DRAIN
B STORM DRAIN CATCH BASIN
O STORM DRAIN CLEANCUIT --- FO --- EXISTING FIBER OPTIC - PROPOSED FIBER OPTIC - - - GAS - - - - GAS - EXISTING NATURAL GAS SD STORM DRAIN
SDCB STORM DRAIN CATCH BAS
SDCO STORM DRAIN CLEANOUT
SDMH STORM DRAIN MANHOLE
SE SOUTHEAST
SEC SECONDARY
SEC SECTION PROPOSED NATURAL GAS --- P --- P --- EXISTING POWER PROPOSED POWER SEC SECTION

SEMM SALT LAKE BASE & MERIDIAN
SPEC SPECIFICATION
SPPCS SPECIFICATION
SPP STEEL PIPE
SS SANITARY SEWER CLEANOUT
SSHM SANITARY SEWER MANHOLE
STO STANDARD
STOS STANDARD
STANDARD - - - OHP - - - OHP - EXISTING OVERHEAD POWER — OHP — PROPOSED OVERHEAD POWER ---- UGP ---- UGP --- EXISTING UNDERGROUND POWER PROPOSED UNDERGROUND POWE --- TEL --- TEL -- EXISTING TELEPHONE PROPOSED TELEPHONE TEL TELEPHONE
TCW TOP OF CURRWALL
TOA TOP OF CONCRETE
TOE TOC TOP OF CONCRETE
TOE TOE OF SLOPE OR WALL
TOM TOP OF GRATE
TOW TOP OF WALL
TOW TOP OF WALL
TOW UNDERGROUND POWER
VC VERTICAL CURVE
W WEST, WATER
WS SCONDARY WATER

# Bountiful, Phone 801 www.Entel STORAC HUNTSVILLE KJAR APPROVED. WZ SECONDARY WATER WL WATERLINE WM WATER METER WP WORK POINT C100 NOTES & LEGEND

T.6N.,

18,7 COU

11/15/20

11/15/201

#### **SEQUENCE OF CONSTRUCTION**

- CONSTRUCTION EXIT IS TO BE CONSTRUCTED AT TIME OF ENTRY TO SITE
- CLEAR AND GRUB AREAS FOR SEDIMENT MEASURES.

PREPARED AND SUBMITTED BY THE CONTRACTOR.

- INSTALL SILT FENCES.
- COMPLETE CLEARING OF SITE AND BEGIN ROUGH GRADING.
- FILL AREAS SHALL BE FILLED IN 12 INCH MAXIMUM LIFTS AND COMPACTED TO AT LEAST 95%
- DRAINAGE WILL BE CONTROLLED AND GROUND SLOPED SO AS TO DIRECT RUNOFF TO SEDIMENT CONTROLLED INLETS.
- INSTALL REMAINDER OF STORM DRAIN

THE OWNER AND/OR ENGINEER.

SHALL BE PAID FOR BY THE CONTRACTOR

- INSTALL UTILITY LINES, WATER, ETC.
- INSTALL CURBS, WALKS, ETC., AND STABILIZE ALL DISTURBED AREAS.
- REMOVE SEDIMENT CONTROL MEASURES, CLEAN OUT TEMPORARY SEDIMENTATION BASINS AND REGRADE, CLEAN OUT SEDIMENT TRAPS AND CONVERT THEM TO STORM WATER MANAGEMENT STRUCTURES.
- 13. OWNER TO BE RESPONSIBLE TO CHECK CLEAN OUT INLET BOXES FOR SEDIMENT AND OIL

**UTILITY NOTES** 

- ALL SERVICE LATERALS SHALL BE EXTENDED 2 FEET PAST THE 10 FOOT P.U.E. ALL CONSTRUCTION SHALL COMPLY WITH LOCAL GOVERNING MUNICIPALITY
- DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS

- UNLESS OTHERWISE NOTED.
- ALL NEW CULINARY AND IRRIGATION WATER CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY STANDARDS & SPECIFICATIONS.
- OF 10' HORIZONTALLY FROM SEWER MAINS. CROSSINGS SHALL MEET STATE HEALTH STANDARDS. (MECHANICAL JOINTS REQUIRED WHEN LESS THAN 18" VERTICAL OR 10' HORIZONTAL SEPARATION FROM SEWER LINES.)
- 3. ALL WATER LINES SHALL BE 8" MINIMUM SIZE AND SERVICE LATERALS SHALL BE 1-1/2" MINIMUM UNLESS OTHERWISE NOTED.
- WATER SERVICE LATERALS TO INCLUDE ALL BRASS SADDLE; CORP. STOP LATERAL, DOUBLE CHECK VALVE AND BACKFLOW PREVENTION
- ALL WATER LINES SHALL BE A MINIMUM 48" BELOW FINISH GROUND TO TOP OF PIPE. ALL VALVE BOXES AND MANHOLES SHALL BE RAISED OR LOWERED TO FINISH GRADE AND SHALL INCLUDE A CONCRETE COLLAR IN PAVED AREAS.
- . CONTRACTOR TO NOTIFY PUBLIC UTILITIES FOR CHLORINE TEST PRIOR TO FLUSHING LINES, CHLORINE LEFT IN PIPE 24 HOURS MINIMUM WITH 25 PPM RESIDUAL. ALL TURNING OF MAINLINE VALVES, CHLORINATION, FLUSHING, PRESSURE TESTING, BACTERIA TESTING, ETC. TO BE COORDINATED WITH LOCAL GOVERNING MUNICIPALITY. ALL TESTS TO BE IN ACCORDANCE WITH AWWA STANDARDS.
- BOTTOM FLANGE OF FIRE HYDRANTS TO BE SET TO APPROXIMATELY 4" INCHES ABOVE BACK OF CURB ELEVATION. HYDRANTS TO INCLUDE TEE, 6" LINE VALVE, AND HYDRANT COMPLETE TO MEET CITY STANDARDS.
- ALL NEW STORM DRAIN/LAND DRAIN CONSTRUCTION TO BE DONE IN ACCORDANCE WITH LOCAL GOVERNING MUNICIPALITY STANDARDS & SPECIFICATIONS.
- ALL STORM WATER CONVEYANCE PIPING TO BE RCP CLASS 3 OR EQUAL, UNLESS OTHERWISE NOTED.
- 0. CONTRACTOR IS TO SUBMIT SITE PLAN/SUBDIVISION PLAT TO QUESTAR GAS FOR DESIGN OF GAS SERVICE TO BUILDINGS/LOTS, CONTRACTOR TO COORDINATE WITH OUESTAR GAS FOR CONTRACTOR LIMITS OF WORK
- ALL GAS LINE TAPS TO BE HOPE WITH COPPER TRACER WIRE AND TERMINATE TRACER WIRE AT APPROVED LOCATIONS.
- ALL GAS LINE TAPS, VALVES AND CAPS TO BE FUSED USING
- 3. ALL ELECTRICAL CONDUITS/LINES TO BE PVC SCH 40 OR BETTER.
- 4. ALL PHONE AND TV CONDUITS TO BE PVC SCH 40 OR BETTER,
- 25. CONTRACTOR IS TO SUBMIT SITE PLAN/SUBDIVISION PLAT TO COMCAST FOR DESIGN OF CABLE TV SERVICE TO BUILDINGS/LOTS, CONTRACTOR TO COORDINATE WITH COMCAST FOR CONTRACTOR LIMITS OF WORK VERSES.
- CONTRACTOR IS TO COORDINATE LOCATIONS OF NEW TELEPHONE SERVICE TO NEW BUILDINGS OR LOTS WITH QWEST. A PVC CONDUIT, PLYWOOD BACKBOARD, AND GROUND WIRE IS REQUIRED FOR SERVICE THROUGH PROPERTY. COORDINATE SIZES AND LOCATION WITH QWEST
- ALL UTILITIES ARE TO BE INSTALLED IN ACCORDANCE WITH THE STORM DRAIN/GROUNDWATER - WEBER COUNTY ELECTRICAL - ROCKY MOUNTAIN POWER NATURAL GAS - QUESTAR

