

- 1. RETURN ALL REMOVED SIGNS TO SLC STREETS DIVISION.
- 2. PRESERVE AND PROTECT IMPROVEMENTS BEYOND LIMITS OF DISTURBANCE.
- 3. PRESERVE AND PROTECT EXISTING UTILITY LINES AND STRUCTURES.
- 1) SAW CUT ASPHALT PAVEMENT

- 6 REMOVE AND SALVAGE EXISTING GATE

- (1) CONTRACTOR TO VERIFY QUANTITY OF RUBBLE

EXISTING LANDSCAPE DEMO

EXISTING CURB DEMO

EXISTING CONCRETE DEMO

EXISTING ASPHALT DEMO

EXISTING RUBBLE REMOVAL (~12 CY OF BROKEN CONCRETE AND ASPHALT)

PREPARED BY: SALT LAKE CITY CORPORATION

DEPARTMENT OF COMMUNITY AND NEIGHBORHOODS

ENGINEERING DIVISION 49 SOUTH 200 EAST, SUITE 100 SAL LAKE CITY, UTAH 84114-5506 TELEPHONE: 801-535-7961 FAX: 801-535-6093 WWW.SLCGOV.COM





PROFESSIONAL SEAL:

PROJECT IDENTIFICATION:

FOOTHILLS TRAILHEAD **IMPROVEMENTS**

100% SUBMITTAL

SALT LAKE CITY, UTAH

PROJECT OWNER:

SALT LAKE CITY CORPORATION

DATE SUBMITTED:

SEPT 18, 2023 MARK DATE DESCRIPTION

PREPARER #: SLC CORP CONTRACT #: PROJECT #: PRK20027

JOB #: DRAWING FILE:

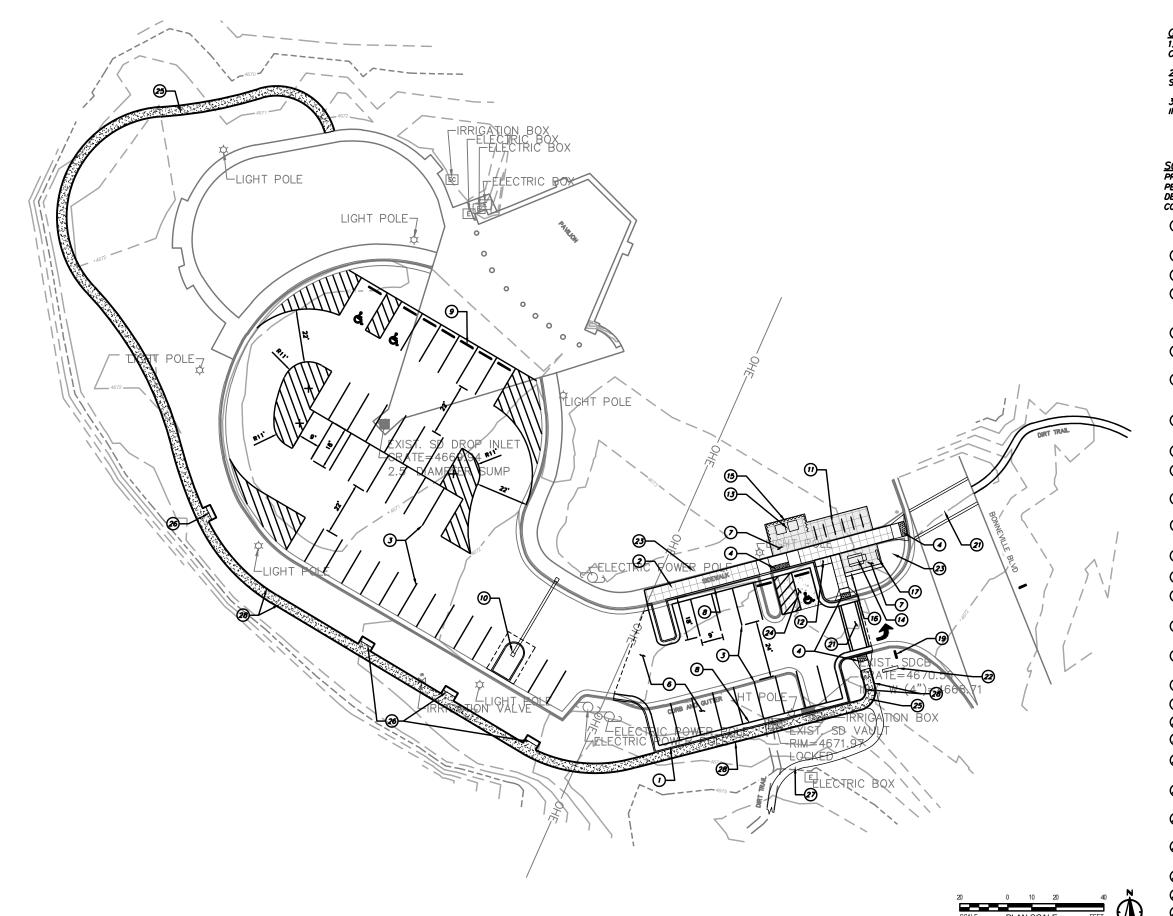
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SHEET TITLE:

BONNEVILLE BOULEVARD DEMO PLAN

SHEET IDENTIFIER:

DM101



GENERAL NOTES:

1. ALL WORK TO COMPLY WITH APWA AND SALT LAKE CITY STANDARDS AND SPECIFICATIONS.

2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS.

3. SEE GRADING PLANS FOR ADDITIONAL DESIGN INFORMATION.

SCOPE OF WORK:
PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

- 1 CURB AND GUTTER, TYPE A (DETAIL 5, SHEET
- (2) CONCRETE SIDEWALK (DETAIL 1, SHEET D101)
- (3) NEW STRIPING
- ADA RAMP & DETECTABLE WARNING SURFACE, TRUNCATED DOME PAVERS (DETAIL 3, SHEET
- 3 NOT USED
- 6 ASPHALT PAVEMENT, 3" THICK WITH 8" AGGREGATE BASE (DETAIL 1, SHEET D102)
- OCOLORED PORTLAND CEMENT CONCRETE PAVEMENT (PCCP), 4" THICK WITH 4" BASE (DETAIL 1, SHEET D101)
- (8) CURB & GUTTER, TYPE A MODIFIED (TIP-OUT) (DETAIL 6, SHEET D102)
- (9) PRECAST CAR STOP (DETAIL 2, SHEET D102)
- (10) RELOCATED GATE, COORDINATE WITH OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION
- (I) CUSTOM BIKE RACKS, BY OTHERS, COORDINATED WITH THE SLC ARTS COUNCIL
- BIKE REPAIR STATION: DERO FIXIT OR APPROVED EQUAL (DETAIL 2, SHEET D103)
- (B) SPACE FOR TWO 4' X '4 PORTABLE RESTROOMS
- (4) PICNIC TABLE (DETAIL 5, SHEET D103)
- (9) PRIVACY SCREENING FOR PORTABLE RESTROOMS (DETAIL 7, SHEET D103)
- (6) SEAT WALL, CONCRETE, 18" TALL (DETAIL 4, SHEET D102)
- (7) TRAILHEAD INFORMATION KIOSK (SEE DETAIL 7, SHEET D103)
- ® NOT USED
- (9) 18X24, R3-FL SIGN, COMPLY WITH MUTCD
- 20 NOT USED
- 2 MARKED CROSSWALK
- 2 VEHICULAR ENTRANCE SIGN (SEE DETAIL 6, SHEET
- (3) LANDSCAPE AREA, SEE SHEET L101 FOR PLANT SCHEDULE AND IRRIGATION INFORMATION
- (2) CONCRETE PAVEMENT AT ADA LOADING ZONES AND PARKING SPACES
- © CRUSHED STONE SOFT PATHWAY (DETAIL 5, SHEET D102)
- (8) STANDARD PARK BENCH (DETAIL 4, SHEET D103)
- (2) REALIGNED SOFT SURFACE PATH, BY OTHERS
- (8) STEEL EDGING (SEE DETAIL 5, SHEET D102)

PREPARED BY:

SALT LAKE CITY CORPORATION

DEPARTMENT OF COMMUNITY AND NEIGHBORHOODS

ENGINEERING DIVISION 19 SOUTH 200 EAST, SUITE 100 SAL LAKE CITY, UTAH 84114-5506 TELEPHONE: 801-535-7961 FAX: 801-535-6093 WWW.SLCGOV.COM PREPARER CONSULTANTS:





PROFESSIONAL SEAL:

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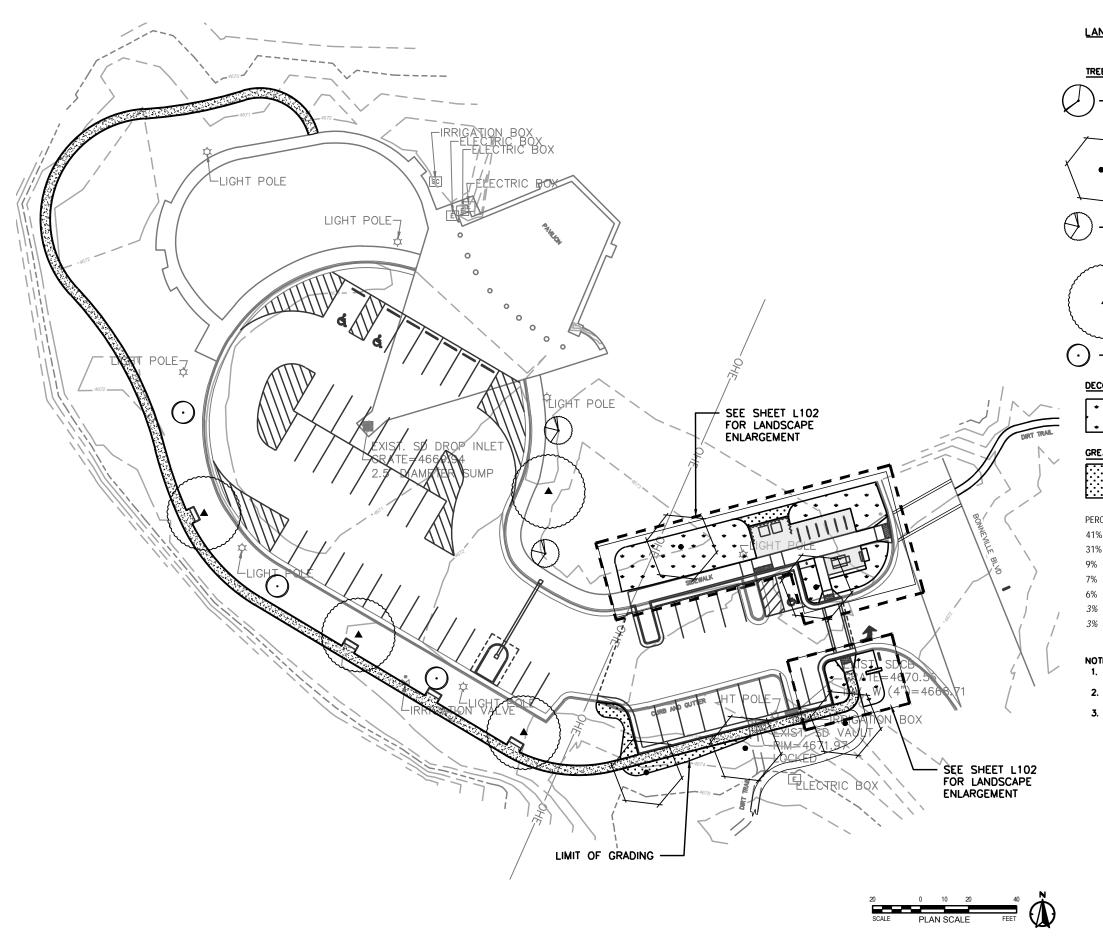
PREPARER #: SLC CORP CONTRACT #: PROJECT #: PRK20027 JOB #:

DRAWING FILE: DRAWN BY: MHALPIN CHECKED BY: DFOSTER

BONNEVILLE BOULEVARD SITE PLAN

SHEET IDENTIFIER:

CP101



LANDSCAPE LEGEND

BOTANICAL NAME: COMMON NAME: SIZE: QTY: TREES BIGTOOTH MAPLE 2" CAL. 2 GRANDIDENTATUM





\ \ \frac{-}{} \text{'VALLEY FORGE'}	ELM	
OUERCUS GAMBELII	GAMBEL OAK	2" CAL. 3

ULMUS AMERICANA VALLEY FORGE

DECORATIVE LANDSCAPE AREA

SEE DETAILED ENLARGEMENT ON SHEET L102

GREAT BASIN SEED: RANGE AND FOOTHILLS SEED MIX



PERCENT IN MIX	SPECIES	SCIENTIFIC NAME
41%	SANDBERG BLUEGRASS	POA SECUNDA SANDBERGII
31%	SLENDER WHEATGRASS	ELYMUS TRACHYCAULUS
9%	BOTTLEBRUSH SQUIRRELTRAIL	ELYMUS ELYMOIDES
7%	BASIN WILDRYE	LEYMUS CINERUS
6%	CRESTED WHEATGRASS	AGROPYRON CRISTATUM
3%	BLUE FLAX	LINUM PERENNE
3%	WESTERN YARROW	WHITE YARROW

- SEED MIX PROVIDED BY GREAT BASIN SEED. DEFER TO ANY
 SPECIAL RECOMMENDATIONS PER SUPPLIER
 SEEDS SHALL BE HYDROSEEDED AT A RATE OF 12 POUNDS PER
- 3. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RE-SEEDED

PREPARED BY: SALT LAKE CITY

CORPORATION DEPARTMENT OF COMMUNITY

AND NEIGHBORHOODS



PREPARER CONSULTANTS:



PROFESSIONAL SEAL:

2" CAL. 4

PROJECT IDENTIFICATION: **FOOTHILLS**

TRAILHEAD **IMPROVEMENTS**

100% SUBMITTAL

SALT LAKE CITY, UTAH

PROJECT OWNER:

SALT LAKE CITY CORPORATION

DATE SUBMITTED: SEPT 18, 2023

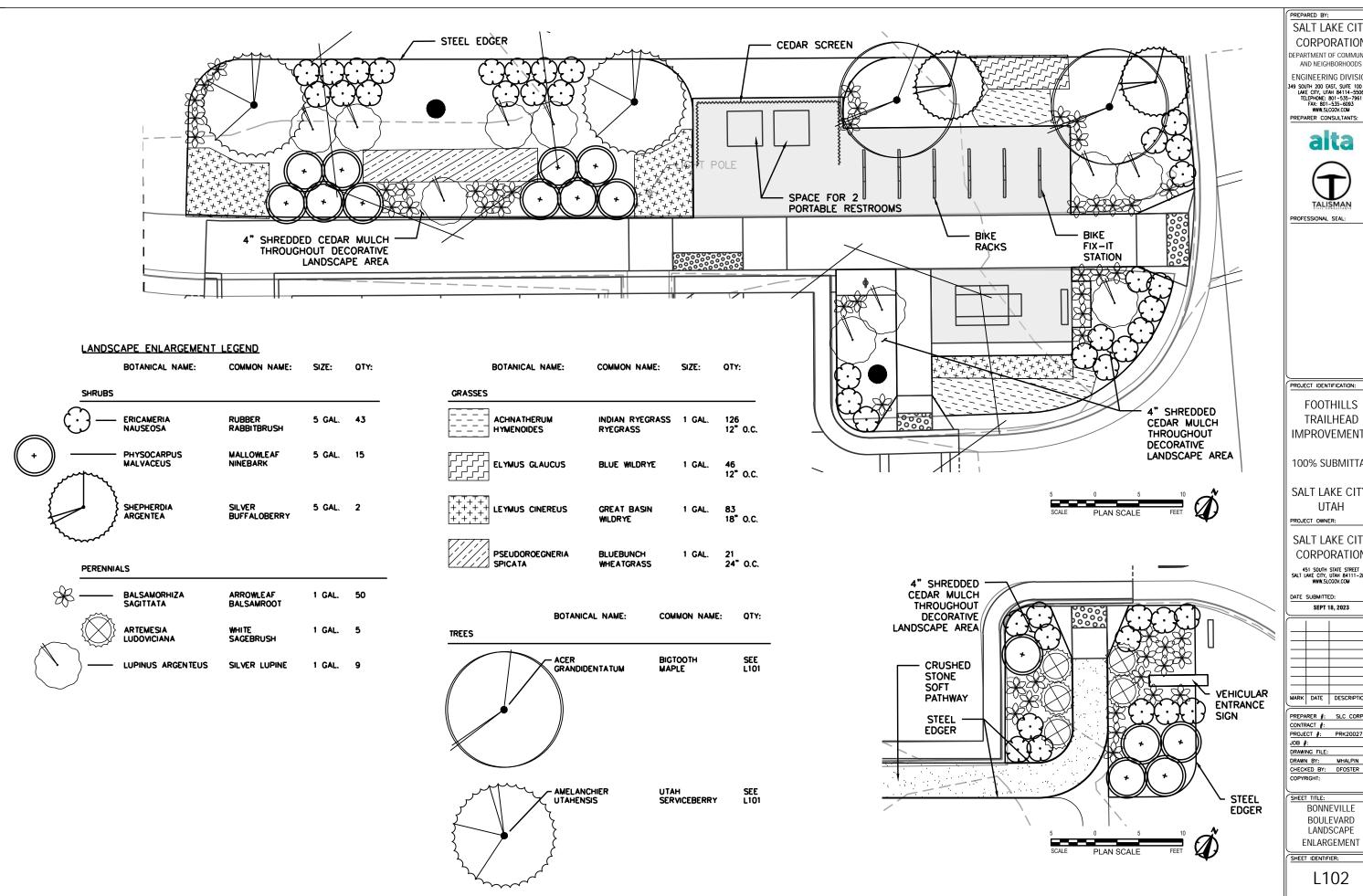
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SHEET TITLE: BONNEVILLE BOULEVARD LANDSCAPE PLAN

SHEET IDENTIFIER:

L101



PREPARED BY: SALT LAKE CITY

CORPORATION DEPARTMENT OF COMMUNITY AND NEIGHBORHOODS

ENGINEERING DIVISION 549 SOUTH 200 EAST, SUITE 100 SAL LAKE CITY, UTAH 84114-5506 TELEPHONE: 801-535-7961 FAX: 801-535-6093 WWW.SLCGOV.COM





PROJECT IDENTIFICATION:

FOOTHILLS TRAILHEAD **IMPROVEMENTS**

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SALT LAKE CITY, UTAH

PROJECT OWNER:

SALT LAKE CITY CORPORATION

DATE SUBMITTED:

MARK	DATE	DESC	RIPTION
PREPA	RER #:	SLC	CORP

CONTRACT #: PROJECT #: PRK20027 JOB #: DRAWING FILE:

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COPYRIGHT:

SHEET TITLE: BONNEVILLE BOULEVARD LANDSCAPE

SHEET IDENTIFIER:

L102

IRRIGATION SCHEDULE

INNOATI	JN SCHEDULE		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
⋄	Rain Bird RWS-B-C-P 1401 Root Watering System with 4.0in. diameter x 36.0in. long with locking grate, semi-rigid mesh tube. Check Valve and Purple Grate. Rain Bird bubbler option as indicated: 1401 0.25 GPM, 1402 0.5 GPM, 1404 1.0 GPM, 1408 2.0 GPM.	18	4/D105
Δ	Rain Bird RWS-M-B-C-P 1401 Mini Root Watering System with 4in. diameter x 18in. long with locking grate, semi-rigid mesh tube and Rain Bird 1401 0.25 GPM or 1402 0.5 GPM bubbler as indicated. With Check Valve and Purple Grate.	18	4/D105
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	<u>QTY</u>	DETAIL
	Rain Bird XCZ-100-PRB-COM 1" Wide Flow Drip Control Kit for Commercial Applications. 1in. Ball Valve with 1in. PESB Valve and 1in. Pressure Regulating 40psi Quick-Check Basket Filter. 0.3 GPM-20 GPM	5	1/D105
Φ	Flush Valve	4	2/D105
@	Drip Air Relief Valve	4	2/D105
	Area to Receive Dripline Netafim TLCV-09-12 Techline Pressure Compensating Landscape Dripline with Check Valve. 0.9 GPH emitters at 12" O.C. Dripline laterals spaced at 12" apart, with emitters offset for triangular pattern. 17mm.	2,745 l.f.	2/D105
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird 44-LRC 1" 1in. Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, and 2-Piece Body.	4	3/D105
×	Gate Valve Existing gate valve.	1	
	Existing Rain Bird PEBMV 2" Existing 1in., 1-1/2in., 2in. Plastic Industrial Master Valve. Low Flow Operating Capability, Globe Configuration.	1	
BF	Existing Backflow Preventer 2" Reduced Pressure Backflow Preventer.	1	
C	Existing Controller Existing Controller with additional stations.	1	
FS	Rain Bird FG-100 1in. Flow Sensor, Plastic Model. Suggested Operating Range 3.0 GPM to 25.0 GPM. Size for Flow Not According to Pipe Size. Rain Bird Compatible Controllers: ESP-ME3, or Controllers Accepting Custom K-Factor and Offset. Install in Rain Bird Valve Box.	1	
\$₩ >	Existing Stop and Waste Valve Existing 2" Valve at irrigation Main	1	
VB	VBSTD Valve Box VBSTD Professional Standard Valve Box 12" H Black with Drop-in Locking Green Lid	4	
√ <u>/M</u> l	Water Meter 2" Existing Water Meter with 3" service line Irrigation Lateral Line: PVC Schedule 40-NP 1/2"	1 646.3 l.f.	
	Irrigation Lateral Line: PVC Schedule 40-NP 3/4"	44.7 l.f.	
	Irrigation Lateral Line: PVC Schedule 40-NP 1"	14.4 l.f.	
	Irrigation Lateral Line: PVC Schedule 40-NP 1 1/2"	7.1 l.f.	
	Irrigation Mainline: PVC Schedule 40-NP 1/2"	189.6 l.f.	
		400 716	
	Irrigation Mainline: PVC Schedule 40-NP 1 1/4"	192.7 l.f.	

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	<u>GPM</u>	<u>PSI</u>	PSI @ POC	PRECIP
1 2 3 4 5	Rain Bird XCZ-100-PRB-COM Rain Bird XCZ-100-PRB-COM Rain Bird XCZ-100-PRB-COM Rain Bird XCZ-100-PRB-COM Rain Bird XCZ-100-PRB-COM	1" 1" 1" 1"	Area for Dripline Area for Dripline RWS Bubbler Area for Dripline RWS Bubbler	6.62 17.64 4.5 16.92 4.5	27.7 38.1 37.8 38.8 35.6	44.4 57.9 54.6 58.9 68.4	1.96 in/h 1.65 in/h 0.94 in/h 1.96 in/h 0.91 in/h

IRRIGATION NOTES

- THE CONTRACTOR SHALL REVIEW RELATED DRAWINGS AND SHALL ENSURE COORDINATION WITH ALL APPLICABLE TRADES PRIOR TO SUBMITTING BID.
- THE IRRIGATION SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES BY LICENSED CONTRACTORS AND EXPERIENCED WORKERS. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES BEI ATING TO THE WORK
- 3. THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS A MINIMUM OF 18" FROM ADJACENT HARDSCAPE. AVOID ANY CONFLICTS BETWEEN THE IRRIGATION SYSTEM, PLANTING AND ARCHITECTURAL FEATURES. PARALLEL PIPES MAY BE INSTALLED IN COMMON TRENCH. PIPES ARE NOT TO BE INSTALLED DIRECTLY ABOVE ONE ANOTHER
- 4. DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE CITY'S AUTHORIZED REPRESENTATIVE. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
- 5. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO BE FAMILIAR WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, ETC. THEY SHALL COORDINATE THEIR WORK WITH THE GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS FOR THE LOCATION AND THE INSTALLATION OF PIPE SLEEVES THROUGH WALLS, UNDER ROADWAYS, PAVING, STRUCTURES, ETC. CONTRACTOR TO VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES PRIOR TO THE EXCAVATION OF TRENCHES. CONTRACTOR IS TO REPAIR ANY DAMAGE CAUSED BY THE WORK AT NO ADDITIONAL COST TO THE OWNER.
- 6. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, ETC., WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL OF THE WORK AND PLAN THE WORK ACCORDINGLY, FURNISHING SUCH FITTINGS, ETC., AS MAY BE REQUIRED TO MEET SUCH CONDITIONS. DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. THE WORK SHALL BE INSTALLED IN SUCH A MANNER AS TO AVOID CONFLICTS BETWEEN IRRIGATION SYSTEMS, PLANTING, AND ARCHITECTURAL FEATURES.
- 7. IRRIGATION CONTROL WIRE SHALL BE #12, U.L. APPROVED FOR DIRECT BURIAL.
 COMMON WIRE SHALL BE #12 U.L. APPROVED AND SHALL BE WHITE IN COLOR. WIRING TO
 INDIVIDUAL REMOTE CONTROL VALVES SHALL BE COLOR OTHER THAN WHITE.
- 8. EACH CONTROLLER SHALL HAVE ITS OWN INDEPENDENT GROUND WIRE.
- 9. REMOTE CONTROL VALVES SHALL BE WIRED TO CONTROLLER IN SEQUENCE AS SHOWN ON PLANS. RUN WIRE FROM EACH RCV TO THE CONTROLLER. SPLICING WIRES TOGETHER OUTSIDE OF VALVE BOXES WILL NOT BE PERMITTED.
- 10. SPLICING OF 24-VOLT WIRES WILL NOT BE PERMITTED EXCEPT IN VALVE BOXES. LEAVE A 36° COIL OF EXCESS WIRE AT EACH SPLICE AND 100 FEET ON CENTER ALONG WIRE RUN. TAPE WIRE IN BUNDLES 10 FEET ON CENTER. NO TAPING PERMITTED INSIDE SLEEVES.
- 11. INSTALL ONE (1) SPARE CONTROL WIRE FOR EVERY 6 (SIX) STATIONS ON THE CONTROLLER ALONG THE ENTIRE MAIN LINE. SPARE WIRES SHALL BE THE SAME COLOR (ONE WITH A WHITE STRIPE) AND OF A DIFFERENT COLOR THAN OTHER CONTROL WIRES. LOOP 36° EXCESS WIRE INTO EACH SINGLE VALVE BOX AND INTO ONE VALVE BOX IN EACH GROUP OF VALVES.
- 12. INSTALL VALVE BOXES MINIMUM 12" FROM AND PERPENDICULAR TO WALK, CURB, OR

LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE AN EQUAL DISTANCE FROM THE WALK, CURB, ETC. AND EACH BOX SHALL BE MINIMUM 12" APART. SHORT SIDE OF VALVE BOXES SHALL BE PARALLEL TO WALK, CURB, ETC.

- 13. REMOTE CONTROL VALVES AND ISOLATION VALVE LOCATIONS ON THIS DRAWING ARE APPROXIMATE. THE CONTRACTOR SHALL STAKE OUT EACH REMOTE CONTROL VALVE AND ISOLATION VALVE LOCATION FOR REVIEW AND APPROVAL BY THE CITY INSPECTOR PRIOR TO INSTALLATION OF ALL VALVES. FINAL LOCATION AND EXACT POSITIONING FOR REMOTE CONTROL VALVES AND ISOLATION VALVES SHALL BE DETERMINED BY THE CITY INSPECTOR. MINOR MODIFICATIONS OF VALVE LOCATIONS AS REQUESTED BY THE COUNTY INSPECTOR SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY.
- 14. LOCATE QUICK COUPLING VALVE 12" FROM HARDSCAPE AREA.
- 15. ALL MAIN LINES SHALL BE FLUSHED PRIOR TO THE INSTALLATION OF IRRIGATION HEADS. AT 30 DAYS AFTER INSTALLATION EACH SYSTEM SHALL BE FLUSHED TO ELIMINATE GLUE AND DIRT PARTICLES FROM THE LINES.
- 16. NOTIFY CITY INSPECTOR OF ANY ASPECTS OF LAYOUT THAT WILL PROVIDE INCOMPLETE OR INSUFFICIENT WATER COVERAGE OF PLANT MATERIAL AND DO NOT PROCEED UNTIL INSTRUCTIONS ARE OBTAINED. REPAIR ALL EXISTING MATERIALS DAMAGED DURING CONSTRUCTION.
- 17. IN ADDITION TO THE SLEEVES AND CONDUITS SHOWN ON THE DRAWINGS, THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF SLEEVES AND CONDUITS OF SUFFICIENT SIZE UNDER ALL PAVED AREAS.
- 18. SLEEVES SHALL BE MINIMUM 2X DIAMETER OF PIPE SLEEVES. ALL CONTROL WIRE SHALL BE INSTALED IN A SEPARTE 2-INCH CONDUIT UNDER PAVING. SLEEVING SHALL FXTFAID MINIMUM 19" BEYOND PAVING.
- 19. ALL EXCAVATIONS ARE TO BE FILLED WITH COMPACTED BACKFILL. CONTRACTOR TO REPAIR ALL SETTLED TRENCHES PROMPTLY, FOR A PERIOD OF 1 YEAR AFTER COMPLETION OF WORK. ADDITIONALLY, CONTRACTOR SHALL WARRANT THAT THE IRRIGATION SYSTEM WILL BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF 1 YEAR AFTER FINAL ACCEPTANCE OF WORK.
- 20. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. THE IRRIGATION CONTRACTOR SHALL VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE CITY'S AUTHORIZED REPRESENTATIVE.
- 21. OPERATE IRRIGATION CONTROLLER(S) BETWEEN THE HOURS OF 10:00 PM AND 7:00 AM.
- IRRIGATION CONTRACTOR SHALL PROVIDE AND PAY FOR INSPECTION AND TESTING OF BACKFLOW PREVENTION DEVICE. INSPECTION SHALL BE PERFORMED BY AN INSPECTOR CERTIFIED BY SALT LAKE COUNTY.
- 23. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT AT 811 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION.
- 24. CONTRACTOR TO RE-USE EXISTING VALVE AND LATERALS ALONG SOUTH SIDE. CONTRACTOR TO CHECK SYSTEM TO VERIFY THERE ARE NO BREAKS OR LEAKS. IF THE SYSTEM IS NOT REPAIRABLE CONTRACTOR WILL CONTACT LANDSCAPE ARCHITECT.
- 25. EXISTING CONNECTION TO WATER METER, BACKFLOW PREVENTER, ETC TO BE KEPT IN PLACE AND USED. EXISTING IRRIGATION (BEFORE REFURBISHMENT) AS-BUILTS AVAILABLE UPON BEGLIEFT.

NUAL RT. SHORT SALT LAKE CITY
CORPORATION
DEPARTMENT OF COMMUNITY

PREPARED BY:

AND NEIGHBORHOODS
ENGINEERING DIVISION

349 SOUTH 200 EAST, SUITE 100 SAL LAKE CITY, UTAH 84114-5506 TELEPHONE: 801-535-7961 FAX: 801-535-6093 WWW.SLCGOV.COM PREPARER CONSULTANTS:



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SALT LAKE CITY, UTAH

PROJECT OWNER:

SALT LAKE CITY CORPORATION

451 SOUTH STATE STREET SALT LAKE CITY, UTAH 84111-2

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	0211 10, 2020				
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MARK	DATE	DESCRIPTION			

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DRAWN BY: MHALPIN
CHECKED BY: DFOSTER
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PREPARER #: SLC CORP

SHEET TITLE:

BONNEVILLE BOULEVARD IRRIGATION LEGEND

SHEET IDENTIFIER:

I100

EXISTING CONTROLLER ON SITE WITH ADDITIONAL STATIONS: PROPOSED DESIGN TO BE LINKED TO THIS CONTROLLER. WIRING TO CONTROLLER TO BE LINKED THROUGH EXISTING TRENCHING. SEE AS-BUILTS FOR MORE DETAILS. CONNECT TO AND EXTEND SLEEVIING UNDER PROPOSED ASPHALT VALVE #5 IS EXISTING VALVE WITH LATERALS. TO BE FIELD-VERIFIED BY CONTRACTOR. PRESSURE REGULATOR MAY BE NECESSARY EXT IRRIGATION POINT OF CONNECTION EXISTING 2" WATER METER WITH 3" SERVICE LINE TIE SYSTEM INTO EXISTING CONNECTION DEPENDING ON STATE OF SYSTEM. DIVERTED (NEW) MAINLINE. CONNECT TO EXISTING SYSTEM WHERE POSSIBLE.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
⋄	Rain Bird RWS-B-C-P 1401 Root Watering System with 4.0in. diameter x 36.0in. long with locking grate, semi-rigid mesh tube. Check Valve and Purple Grate. Rain Bird bubbler option as indicated: 1401 0.25 GPM, 1402 0.5 GPM, 1404 1.0 GPM, 1408 2.0 GPM.	18	4/D105
۵	Rain Bird RWS-M-B-C-P 1401 Mini Root Watering System with 4in. diameter x 18in. long with locking grate, semi-rigid mesh tube and Rain Bird 1401 0.25 GPM or 1402 0.5 GPM bubbler as indicated. With Check Valve and Purple Grate.	18	4/D105
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
B	Rain Bird XCZ-100-PRB-COM 1" Wide Flow Drip Control Kit for Commercial Applications. 1in. Ball Valve with 1in. PESB Valve and 1in. Pressure Regulating 40psi Quick-Check Basket Filter. 0.3 GPM-20 GPM	5	1/D105
(Flush Valve	4	2/D105
@	Drip Air Relief Valve	4	2/D105
	Area to Receive Dripline Netafim TLCV-09-12 Techline Pressure Compensating Landscape Dripline with Check Valve. 0.9 GPH emitters at 12" O.C. Dripline laterals spaced at 12" apart, with emitters offset for triangular pattern. 17mm.	2,745 l.f.	2/D105
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Rain Bird 44-LRC 1" 1in. Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, and 2-Piece Body.	4	3/D105
×	Gate Valve Existing gate valve.	1	
	Existing Rain Bird PEBMV 2" Existing 1in., 1-1/2in., 2in. Plastic Industrial Master Valve. Low Flow Operating Capability, Globe Configuration.	1	
BF	Existing Backflow Preventer 2" Reduced Pressure Backflow Preventer.	1	
C	Existing Controller Existing Controller with additional stations.	1	
FS	Rain Bird FG-100 1in. Flow Sensor, Plastic Model. Suggested Operating Range 3.0 GPM to 25.0 GPM. Size for Flow Not According to Pipe Size. Rain Bird Compatible Controllers: ESP-ME3, or Controllers Accepting Custom K-Factor and Offset. Install in Rain Bird Valve Box.	1	
ŚW	Existing Stop and Waste Valve Existing 2" Valve at irrigation Main	1	
VB	VBSTD Valve Box VBSTD Professional Standard Valve Box 12" H Black with Drop-in Locking Green Lid	4	
√ M	Water Meter 2" Existing Water Meter with 3" service line	1	
	Irrigation Lateral Line: PVC Schedule 40-NP 1/2"	646.3 l.f.	
	Irrigation Lateral Line: PVC Schedule 40-NP 3/4"	44.7 l.f.	
	Irrigation Lateral Line: PVC Schedule 40-NP 1"	14.4 l.f.	
	Irrigation Lateral Line: PVC Schedule 40-NP 1 1/2"	7.1 l.f.	
	Irrigation Mainline: PVC Schedule 40-NP 1/2"	189.6 l.f.	
	Irrigation Mainline: PVC Schedule 40-NP 1 1/4" Pipe Sleeve: PVC Class 200 SDR 21	192.7 l.f. 91.2 l.f.	5/D105
	Valve Callout	J I.∠ I.I.	3/103
#• #•	varve Caroout Valve Number Valve Flow		
#" #"	Valve Flow Valve Size		

SALT LAKE CITY
CORPORATION

DEPARTMENT OF COMMUNITY AND NEIGHBORHOODS

ENGINEERING DIVISION
349 SOUTH 200 EAST, SUITE 100 SALT
LAKE CITY, UTAH 84114-5506
TELEPHONE: 801-535-7961
FAY R01-535-603





PROFESSIONAL SEAL:

PROJECT IDENTIFICATION:

FOOTHILLS TRAILHEAD IMPROVEMENTS

100% SUBMITTAL

SALT LAKE CITY, UTAH

PROJECT OWNER:

SALT LAKE CITY CORPORATION

451 SOUTH STATE STREET T LAKE CITY, UTAH 84111-2836

DATE SUBMITTED:

	<u> </u>
DAIL	DESCRIPTION
	DATE

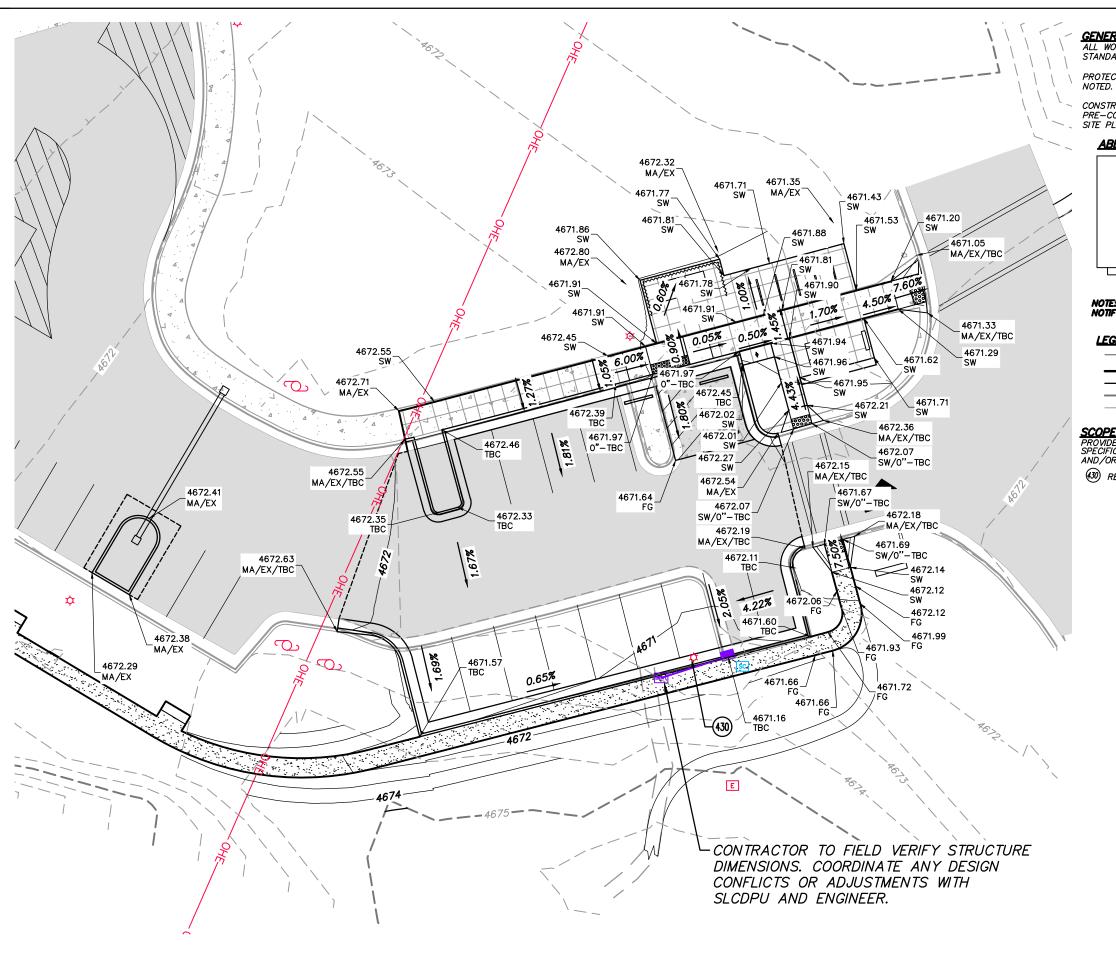
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SHEET TITLE:

BONNEVILLE BOULEVARD IRRIGATION PLAN

SHEET IDENTIFIER:

I101



GENERAL NOTES:
ALL WORK TO COMPLY WITH APWA AND SALT LAKE CITY
STANDARDS AND SPECIFICATIONS.

PROTECT/PRESERVE ALL EXISTING UTILITIES UNLESS OTHERWISE

CONSTRUCTION CANNOT BEGIN UNTIL SWPPP IS APPROVED AND PRE—CONSTRUCTION MEETING IS HELD. CONTRACTOR IS TO PROVIDE SITE PLANS FOR EACH TRAILHEAD SITE AND POTENTIAL PHASING.

ABBREVIATIONS:

AC	ASPHALT CONCRETE	
CS	CONCRETE SLAB	
EX	EXISTING	
FG	FINISHED GRADE	
FL	FLOWLINE	
LG	LIP OF GUTTER	
MA	MATCH	
SW	SIDEWALK	
TBC	TOP BACK OF CURB	
TG	TOP OF GRATE	

NOTE: MAY CONTAIN ABBREVIATIONS THAT ARE NOT USED IN THIS PLAN SET. NOTE: CONTRACTOR TO POTHOLE TOP OF CULVERT AND NOTIFY ENGINEER IF HIGHER THAN INDICATED ON PLANS

LEGEND:

	PROPOSED DRAINAGE FLOWLING (DETAIL H/ SHEET GIO6)
— xxxx.o—	PROPOSED CONTOUR (MAJOR)
—— XXXX.5 ——	PROPOSED CONTOUR (MINOR)
— XXXX.0 —	EXISTING CONTOUR (MAJOR)
— XXXX.5 —	EXISTING CONTOUR (MINOR)

SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

(30) RELOCATE STREETLIGHT

SALT LAKE CITY CORPORATION DEPARTMENT OF COMMUNIT

AND NEIGHBORHOODS

ENGINEERING DIVISION 9 SOUTH 200 EAST, SUITE 100 S/ LAKE CITY, UTAH 84114-5506 TELEPHONE: 801-535-7961 FAX: 801-535-6093 WWW.SLCGOV.COM

REPARER CONSULTANTS:



ROFESSIONAL SEAL:



PROJECT IDENTIFICATION:

FOOTHILLS TRAILHEAD IMPROVEMENTS

100% SUBMITTAL

SALT LAKE CITY, UTAH

PROJECT OWNER:

SALT LAKE CITY CORPORATION

451 SOUTH STATE STREET SALT LAKE CITY, UTAH 84111-2830 WWW.SLCGOV.COM

DATE SUBMITTED:

SEPT 18, 2023

<u> </u>				
RK	DATE	DESCRIPTION		

PREPARER CONTRACT #:

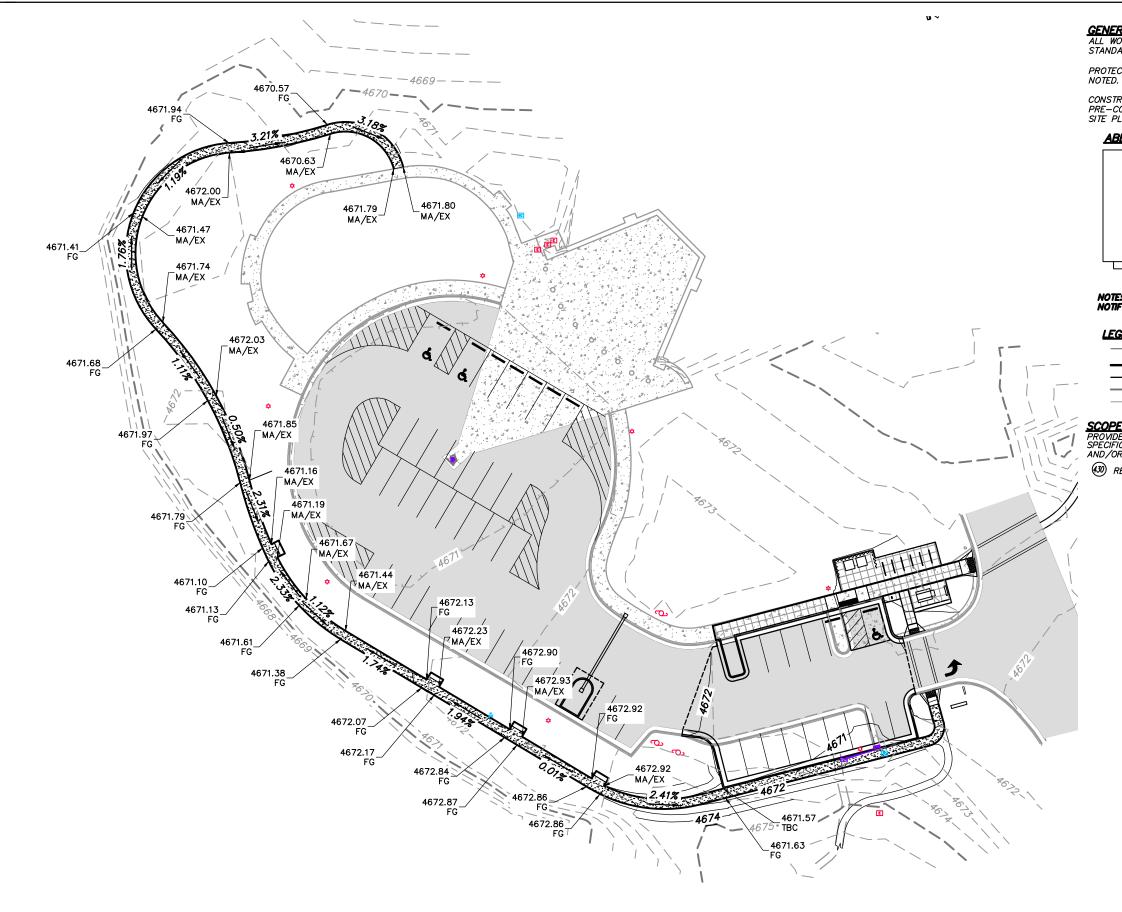
PROJECT #: PRK20027 DRAWING FILE:

DRAWN BY: JBAISCH CHECKED BY: DBOURQUE

BONNEVILLE BLVD GRADING & UTILITY PLAN

SHEET IDENTIFIER:

GU101



GENERAL NOTES:
ALL WORK TO COMPLY WITH APWA AND SALT LAKE CITY STANDARDS AND SPECIFICATIONS.

PROTECT/PRESERVE ALL EXISTING UTILITIES UNLESS OTHERWISE

CONSTRUCTION CANNOT BEGIN UNTIL SWPPP IS APPROVED AND PRE—CONSTRUCTION MEETING IS HELD. CONTRACTOR IS TO PROVIDE SITE PLANS FOR EACH TRAILHEAD SITE AND POTENTIAL PHASING.

ABBREVIATIONS:

\neg

NOTE: MAY CONTAIN ABBREVIATIONS THAT ARE NOT USED IN THIS PLAN SET. NOTE: CONTRACTOR TO POTHOLE TOP OF CULVERT AND NOTIFY ENGINEER IF HIGHER THAN INDICATED ON PLANS

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PROPOSED DRAINAGE FLOWLING (DETAIL H/ SHEET GIO6)
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PROPOSED CONTOUR (MINOR)
EXISTING CONTOUR (MAJOR)
EXISTING CONTOUR (MINOR)

SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

(30) RELOCATE STREETLIGHT

SALT LAKE CITY CORPORATION

DEPARTMENT OF COMMUNIT AND NEIGHBORHOODS

ENGINEERING DIVISION 9 SOUTH 200 EAST, SUITE 100 S/ LAKE CITY, UTAH 84114-5506 TELEPHONE: 801-535-7961 FAX: 801-535-6093 WWW.SLCGOV.COM

REPARER CONSULTANTS:



PROFESSIONAL SEAL:



PROJECT IDENTIFICATION:

FOOTHILLS TRAILHEAD IMPROVEMENTS

100% SUBMITTAL

SALT LAKE CITY, UTAH

PROJECT OWNER:

SALT LAKE CITY CORPORATION

451 SOUTH STATE STREET SALT LAKE CITY, UTAH 84111-2836 WWW.SLCGOV.COM

SEPT 18, 2023				
=				
MARK	DATE	DESCRIPTION		

PREPARER #: CONTRACT #: PROJECT #: PRK20027

DRAWING FILE: DRAWN BY: JBAISCH CHECKED BY: DBOURQUE

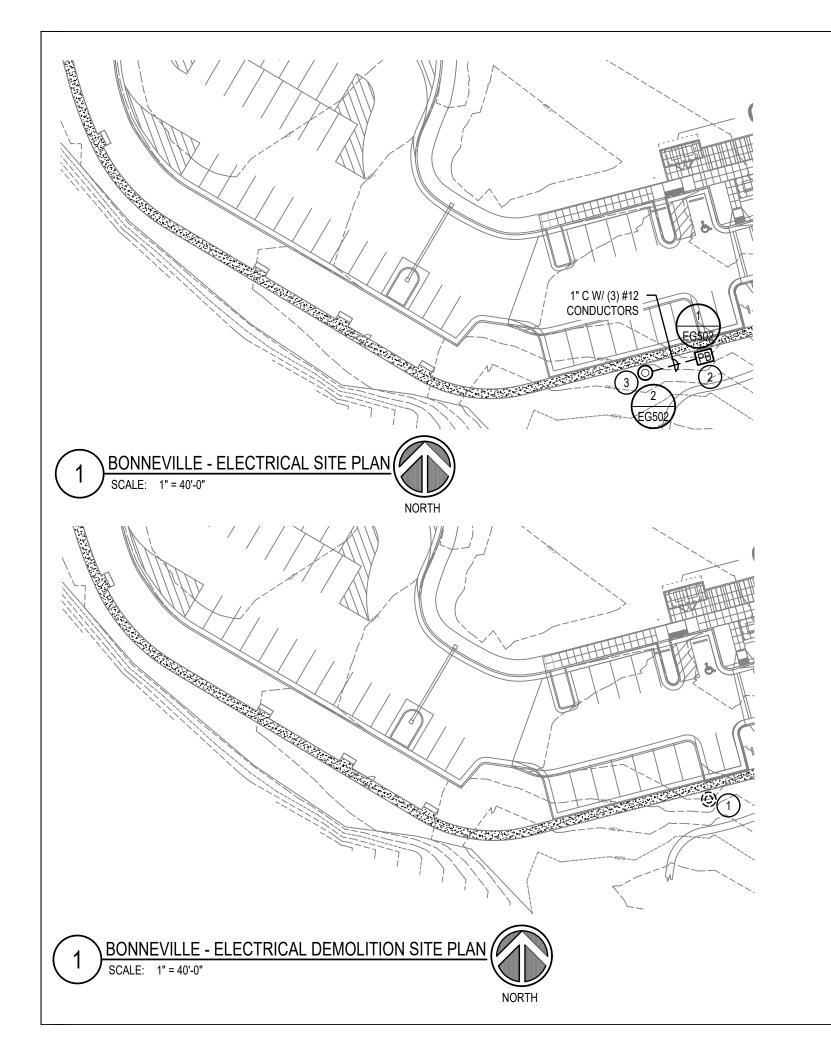
SHEET TITLE:

BONNEVILLE BLVD GRADING PLAN -

SHEET IDENTIFIER:

GU102

TRAIL



KEYED NOTES:

- REMOVE AND SALVAGE EXISTING LIGHT POLE FOR REUSE. DEMOLISH EXISTING CONCRETE POLE BASE.
- INTERCEPT EXISTING CONDUIT AND CONDUCTORS INTO A PULLBOX.EXTEND NEW CONDUIT AND CONDUCTORS TO NEW POLE LOCATION FROM PULLBOX AS SHOWN.
- INSTALL SALVAGED POLE, EXTEND CONDUIT AND CONDUCTORS AS REQUIRED FOR MAKING FINAL TERMINATIONS.

SITE GENERAL NOTES:

- 1. PROVIDE ALL REQUIRED BACKFILLING, ETC. FOR ALL CONDUITS, PROVIDE REQUIRED BACKFILL MATERIAL AS DIRECTED BY EACH UTILITY.
- COORDINATE ALL LOCATIONS AND ROUTING WORK IN THE FIELD.
- 3. ROUTE CONDUITS A MINIMUM OF 2' BELOW THE BUILDING FLOOR SLAB.
- 4. MINIMUM CONDUIT FOR SITE WORK SHALL BE 1".
- 5. CONDUIT ROUTING SHOWN IS SCHEMATIC AND FOR CLARIFICATION COORDINATE LOCATION WITH ALL AFFECTED TRADES
- 6. PROVIDE A MINIMUM OF 12" SEPARATION BETWEEN POWER AND COMMUNICATION CONDUITS.
- 7. ALL CONDUITS THAT EXTEND THROUGH CONCRETE SHALL BE GALVANIZED RIGID CONDUIT AND WRAPPED WITH TWO (2) LAYERS OF PVC TAPE.
- ALL ELBOWS THAT ARE UNDER THE FINISHED GRADE SHALL BE GALVANIZED RIGID CONDUIT AND WRAPPED WITH TWO (2) LAYERS OF PVC TAPE.

SALT LAKE CITY
CORPORATION

DEPARTMENT OF COMMUNIT AND NEIGHBORHOODS ENGINEERING DIVISION 349 SOUTH 200 EAST, SUITE 100 SA LAKE CITY, UTAN 84114-8506 TELEPHONE: 801-535-7981 FAX: 801-535-0003

ENVISION ENGINEERING

+(00)201100 +(00)201100

PROFESSIONAL SEAL:

PROJECT IDENTIFICATION:

FOOTHILLS TRAILHEAD IMPROVEMENTS

100% SUBMITTAL

SALT LAKE CITY, UTAH

PROJECT OWNER:

SALT LAKE CITY CORPORATION

451 SOUTH STATE STREET SALT LAKE CITY, UTAH 84111-28 WWW.SLCGOV.COM

ATE SUBMITTED:

EDADED 4.		MUM DIN	
VRK	DATE	DESCRIPTION	

PREPARER #: MHALPIN
CONTRACT #:
PROJECT #: 2021-247
JOB #: PRK20027
DRAWING FILE:
DRAWN BY: YN

DRAWN BY: CHECKED BY: COPYRIGHT:

HEET TITLE:
BONNEVILLE
ELECTRICAL

SHEET IDENTIFIER:

ES101