

SOUTH JORDAN CITY PLANNING COMMISSION REPORT

Meeting Date: 01/24/2023

Issue: SILVERSTONE AUTOMATION
SITE PLAN
Address: 10096 South Jordan Gateway
File No: PLSPR202200232
Applicant: Joseph Milillo, MHTN Architects

Submitted by: Damir Drozdek, Planner III
Shane Greenwood, Supervising Senior Engineer

Staff Recommendation (Motion Ready): I move that the Planning Commission **approve** application PLSPR202200232 to allow for construction of a new commercial building on property located at 10096 South Jordan Gateway.

STANDARD OF REVIEW:

All proposed commercial, office, industrial, multi-family dwelling or institutional developments and alterations to existing developments shall meet the site plan review requirements outlined in chapter 16.24 and the requirements of the individual zone in which a development is proposed. All provisions of titles 16 & 17 of the City Code, and other city requirements, shall be met in preparing site plan applications and in designing and constructing the development. The Planning Commission shall receive public comment regarding the site plan and shall approve, approve with conditions or deny the site plan.

BACKGROUND:

The proposed project is located at 10096 South Jordan Gateway. The building will be used to design, test and build custom automation machines that will primarily cater to medical manufacturing companies.

The project was originally approved on August 25, 2020. As per City Code, the approval remains in effect for one year unless building construction has begun. An extension of the approval was granted on August 16th of 2021 allowing the applicant another year to start construction. Due to Covid and other related issues, construction on the building has not taken place for two years since the project approval.

Since the extension is now expired, the applicant must apply and obtain a site plan approval from the Planning Commission once again. Once approved, the applicant will be able to apply and obtain a building permit to begin construction.

STAFF FINDINGS, CONCLUSIONS & RECOMMENDATION:

Findings:

- The original application was approved August 25, 2020 and the approval has since expired.
- The only changes made to the plans pertain to building elevations and the landscape plans.

Conclusion:

- The original approval as well as the proposed changes meet or exceed the City Code requirements.

Recommendation:

- Based on the Findings and Conclusions listed above, Staff recommends that the Planning Commission take comments at the public hearing and **approve** the Application, unless, during the hearing, facts are presented that contradict these findings or new facts are presented, either of which would warrant further investigation by Staff.

ALTERNATIVES:

- Approve an amended Application.
- Deny the Application.
- Schedule the Application for a decision at some future date.

SUPPORT MATERIALS:

- Letter from the Applicant
- New Building Elevations
- City Engineer Approved Drawings - New
- Original Staff Report
- PC Meeting Minutes
- Extension Letter

Damir Drozdek, AICP
Planner III, Planning Department

December 22, 2022

City of South Jordan Planning Commission

Dear Commissioners,

After a couple of tough COVID years, Holdings10 would like to revive the build of the Silverstone Building at 10096 South Jordan Gateway. You're aware that a number of factors made construction difficult during those years.

For Holdings10, the factors that stopped the process included:

- Scarcity of building materials which resulted in wildly increasing and unpredictable costs and unknown delivery times. For example, trusses were out a year which meant that the construction would be partially done and then the process idled.
- The appraisal did not align with the quickly escalating construction costs. Building sale prices prior to COVID were significantly less than the present-day costs to construct that same building. This negatively affect the loan process.
- Unknown construction labor pool during the pandemic. Possible labor interruptions seemed likely to delay the project completion.

Due to the risks associated with the above factors, Holdings10 chose to wait for the pandemic and construction climate to settle.

Silverstone's business has been steady and still needs the additional space provided by the new building. The original reasons to build the building are still clearly present for Silverstone.

Regards,
Leonard Di Sera and Corey Bodily
Holdings10

KEYNOTES

- 04-162 BRICK EXPANSION JOINT AT CORNERS
- 05-034 18 GA. GALVANIZED STEEL CANOPY, BLUE GIANT OR APPROVED EQUAL
- 07-100 EIFS REVEAL, SEE DETAILS FOR MORE INFORMATION
- 07-183 PEAKED COPING OVER BLOCK WALL
- 07-190 PRE-FINISHED ALUMINUM FASCIA/SOFFIT
- 08-013 HOLLOW METAL DOORS AND FRAMES
- 08-081 ALUMINUM STOREFRONT - SEE WINDOW & DOOR TYPES
- 08-082 ALUMINUM STOREFRONT DOOR - SEE DOOR TYPES
- 08-084 ALUMINUM STOREFRONT COLUMN COVER
- 08-330 KNOX BOX FOR FIRE KEY
- 10-027 BUILDING ADDRESS SIGN, NUMBERS AND LETTERS SHALL BE VISIBLE FROM THE STREET AND BE 6" MIN. HIGH AND HAVE A STROKE OF 1/2". THE NUMBERS AND LETTERS SHALL BE ARABIC.
- 22-078 EXTERIOR HOSE BIB IN SECURE BOX, PROVIDE FROST PROTECTION, SEE MECHANICAL
- 26-005 ELECTRICAL EQUIPMENT, COORDINATE SIZE OF ELECTRICAL ROOM W/ ELECTRICAL EQUIPMENT & REQUIRED CLEARANCES, SEE ELECTRICAL DRAWING FOR ADDITIONAL INFORMATION.
- 26-086 EXTERIOR LIGHTING
- 26-091 EXTERIOR WALL SCONCE LIGHTING
- 31-009 FINISH GRADE - SLOPE AWAY FROM BUILDING

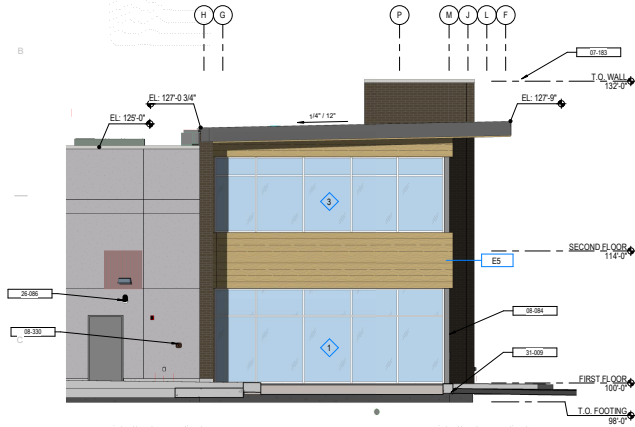
LEGEND - EXTERIOR ELEVATION

- EXTERIOR BRICK, COAL-KING SIZE
- ALUMINUM COMPOSITE WOOD SIDING
- EIFS SIDING DARK
- EIFS SIDING LIGHT
- 1" INSULATED TINTED LOW E GLAZING

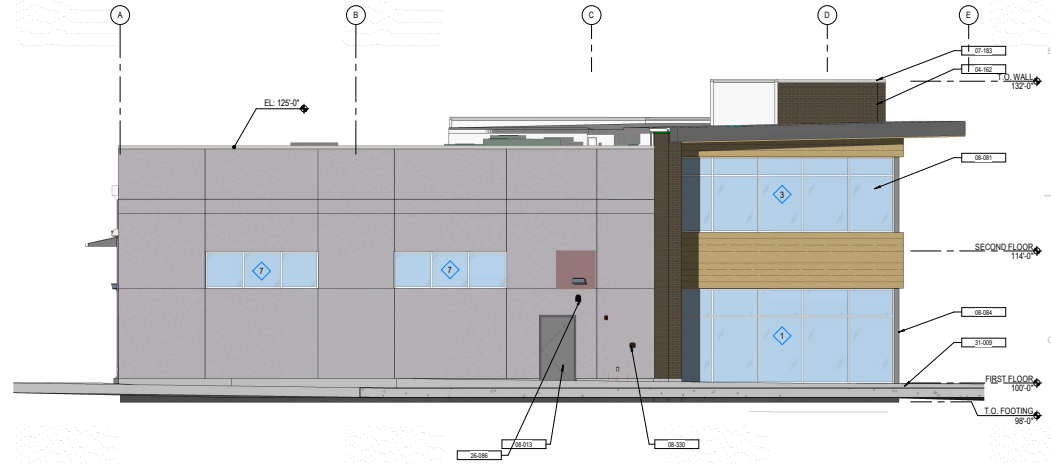
EXTERIOR ELEVATIONS GENERAL NOTES

Exterior Finishes: Provide exterior finishes, continuous until a transition is indicated. Provide on all similar elements, and on surfaces not shown in elevation such as back sides of piers, columns and other surfaces that may not be visible in the elevation view.

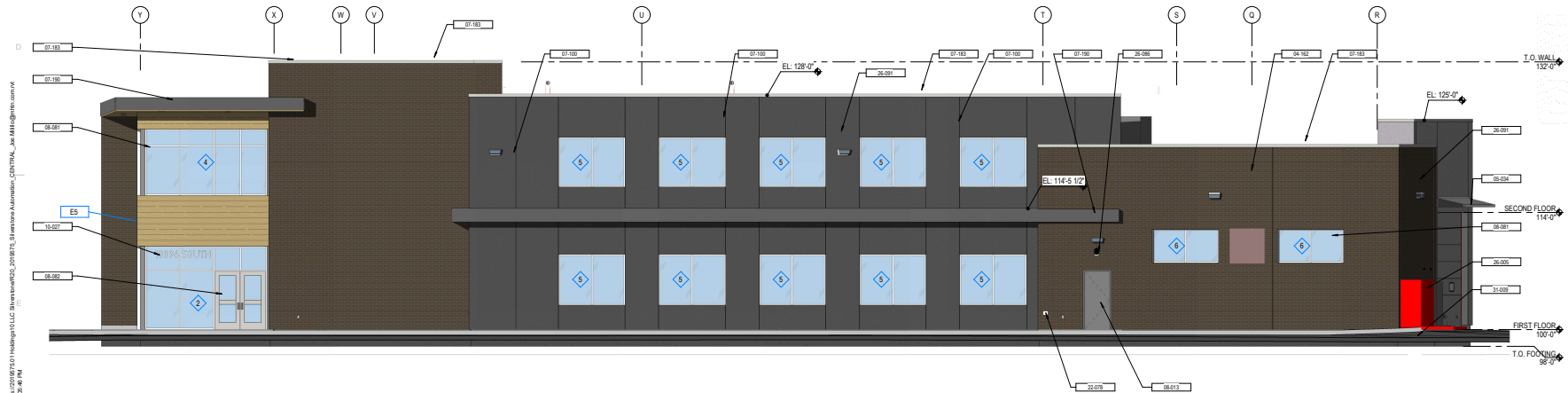
Lighting: Coordinate wall and soff mounted lighting locations with Electrical drawings and with the Architect prior to rough-in.



C1 SOUTH ELEVATION ANGLED
SCALE: 3/16" = 1'-0"



C3 SOUTH ELEVATION
SCALE: 3/16" = 1'-0"



E1 EAST ELEVATION
SCALE: 3/16" = 1'-0"

SILVERSTONE AUTOMATION
HOLDINGS10 LLC
10096 S. JORDAN GATEWAY
SOUTH JORDAN CITY, UT 84095

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MHTN PROJECT NO. 20190575

DESIGN PREPARED BY: MHTN ARCHITECTS, INC. FOR THE CLIENT OF THE PROJECT.

REVISIONS: 1. 12/02/2022

CONSTRUCTION TO VERIFY DIMENSIONS IN FIELD USE REFLECT

NO. A. DATE DESCRIPTION

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REVISIONS: 1. 12/02/2022

CONSTRUCTION DOCUMENTS

12/02/2022

SHEET NAME

EXTERIOR ELEVATIONS

SHEET NUMBER

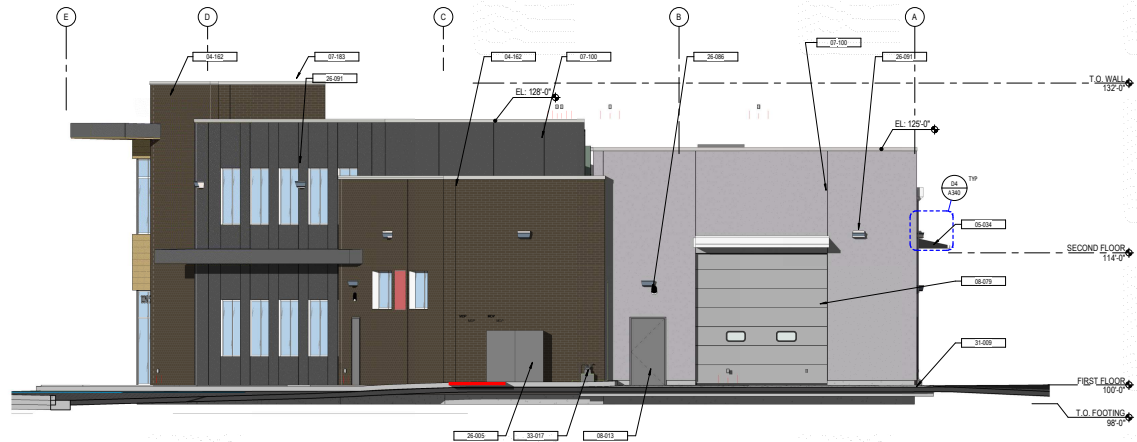
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| 04-162 | BRICK EXPANSION JOINT AT CORNERS |
| 05-034 | 18 GA. GALVANIZED STEEL CANOPY, BLUE GIANI OR APPROVED ALIKE |
| 07-100 | SEES REF. 101 FOR DETAILS FOR MORE INFORMATION |
| 07-183 | PEAKED COPING OVER BLOCK WALL |
| 07-222 | DOWNSPOUT SQUARE DRAIN, COORDINATE WITH CIVIL |
| 08-013 | HOLLOW METAL DOORS AND FRAMES |
| 16-079 | INSULATED OVERHEAD DOOR - SEE DOOR SCHEDULE |
| 16-324 | ROOF ACCESS HATCH - 800 LBS. 48" MINIMUM |
| 26-005 | ELECTRICAL EQUIPMENT, COORDINATE SIZE OF ELECTRICAL ROOM W/ ELECTRICAL EQUIPMENT & REQUIRED CLEARANCES. SEE ELECTRICAL DRAWING FOR ADDITIONAL INFORMATION. |
| 26-086 | EXTERIOR LIGHTING |
| 26-091 | EXTERIOR WALL, SCONCE LIGHTING |
| 31-109 | FINISH GRADE - SLOPE AWAY FROM BUILDING |
| 33-017 | GAS METERING - SEE CIVIL |

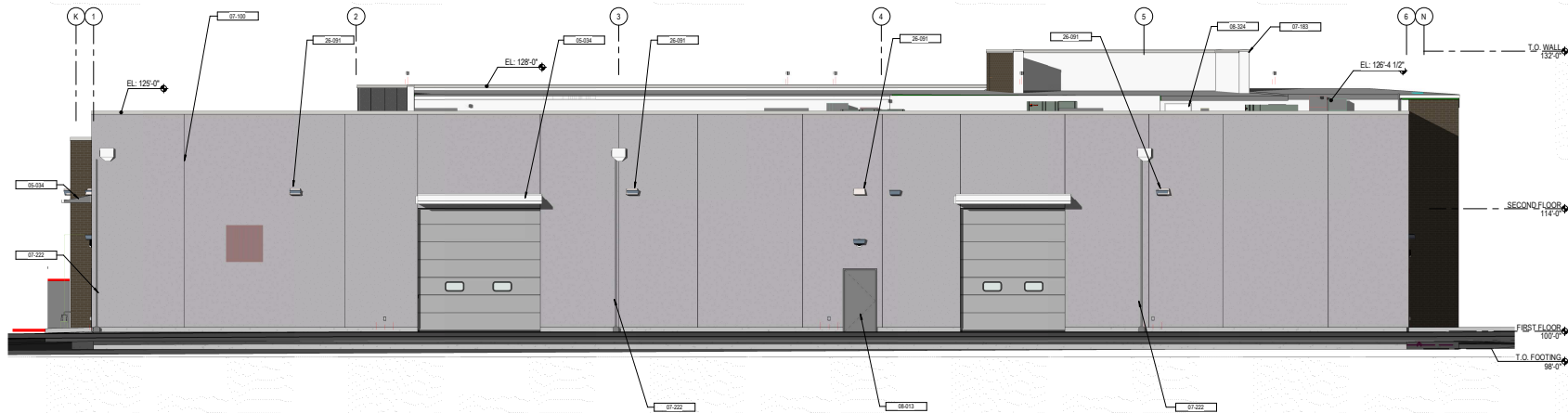
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|  | EXTERIOR BRICK, COAL-KING SIZE |
|  | ALUMINUM COMPOSITE WOOD SIDING |
|  | EIFS SIDING DARK |
|  | EIFS SIDING LIGHT |
|  | 1" INSULATED TINTED LOW E GLAZING |

Exterior Finishes: Provide exterior finishes, continuous until a transition is indicated. Provide on all similar elements, and on surfaces not shown in elevation such as back sides of piers, columns and other surfaces that may not be visible in the elevation view.

Lighting: Coordinate wall and soffit mounted lighting locations with Electrical drawings and with the Architect prior to rough-in.



C2 NORTH ELEVATION
SCALE: 3/16" = 1'-0"



E1 WEST ELEVATION
SCALE: 3/16" = 1'-0"

SILVERSTONE AUTOMATION

HOLDINGS10 LLC

10096 S. JORDAN GATEWAY
SOUTH JORDAN CITY, UT 84095

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12/02/2022

MTN PROJECT NO. 2019575

Original drawing is 30 x 42. Do not scale contents of this drawing.

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LAST REVISION DATE.

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CONSTRUCTION DOCUMENTS

12/02/2022

DECLARATION OF INTEREST

EXTERIOR

EXTERIOR

ELEVATIONS

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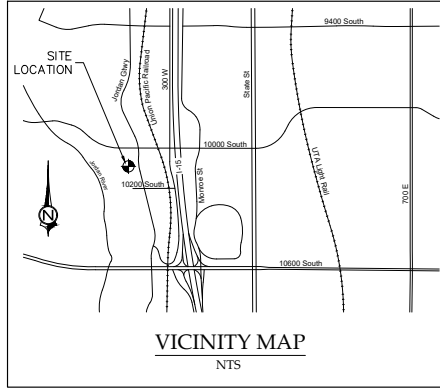
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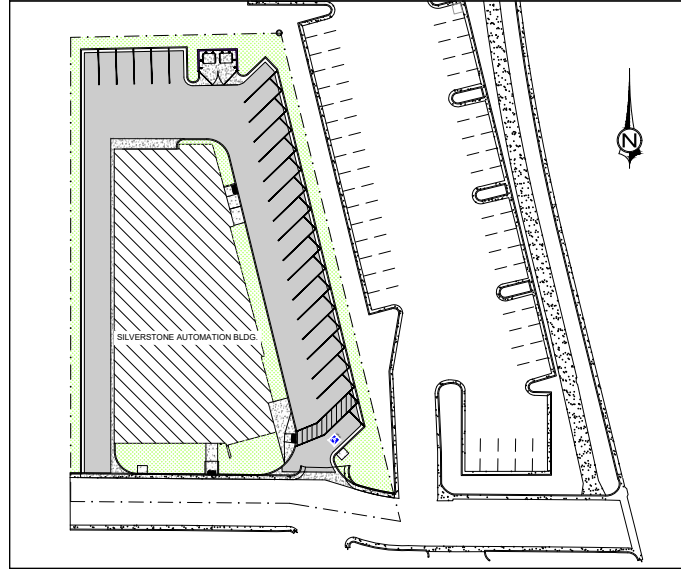
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SILVERSTONE AUTOMATION BUILDING

LOCATED IN SW 1/4 OF SECTION 12, TOWNSHIP 3 SOUTH, RANGE 1 WEST,
SALT LAKE BASE AND MERIDIAN
10096 S 460 W, SOUTH JORDAN, UTAH



VICINITY MAP
NTS



| SHEET INDEX | | |
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| SHEET | # | TITLE |
| CV | 1 | COVER SHEET |
| GN | 2 | NOTES |
| SP1 | 3 | SITE AND UTILITY PLAN |
| SP2 | 4 | SITE AND UTILITY PLAN |
| GP | 5 | GRADING PLAN |
| DT1 | 6 | DETAILS |
| DT2 | 7 | DETAILS |
| DT3 | 8 | DETAILS |

PROJECT CONTACTS

LOCAL GOVERNMENT

SOUTH JORDAN CITY PLANNING & ZONING
1600 W. TOWNE CENTER DR.
SOUTH JORDAN, UTAH 84095
PHONE: 801-254-3742

SEWER

SOUTH VALLEY SEWER DISTRICT
1253 W. JORDAN BASIN LN.
BLUFFDALE, UTAH 84065
PHONE: 801-571-1166

WATER

SOUTH JORDAN CITY PUBLIC WORKS
10996 S. REDWOOD RD.
SOUTH JORDAN, UT 84095
PHONE: 801-253-5230

FIRE DEPARTMENT

SOUTH JORDAN CITY FIRE DEPARTMENT
1600 W. TOWNE CENTER DR.
SOUTH JORDAN, UTAH 84095
PHONE: 801-254-3742

OWNER

SILVERSTONE AUTOMATION
14621 S. 800 W., Suite 200
BLUFFDALE, UTAH 84065
PHONE: 801-619-0803

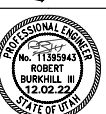
ARCHITECT

MHTN ARCHITECTS
420 E. SOUTH TEMPLE #100
SALT LAKE CITY, UTAH 84111
PHONE: 801-595-6700

ENGINEER

CivilScience
Engineers | Surveyors | Solutions
3160 WEST CLUBHOUSE DRIVE
LEHI, UT 84043
801.768.7200

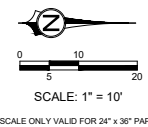
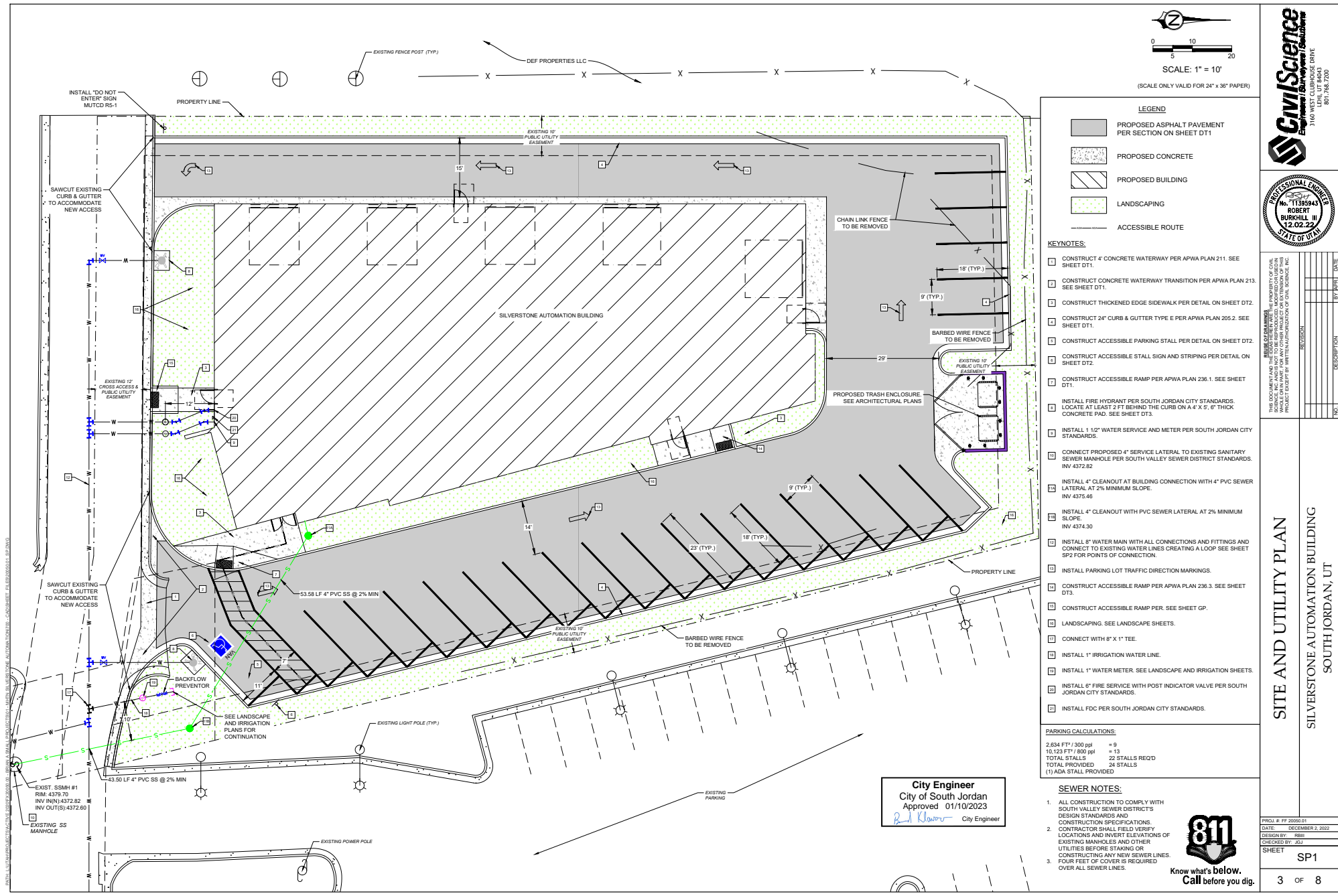
City Engineer
City of South Jordan
Approved 01/10/2023
Ben Klawns City Engineer



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| COVER SHEET | |
| SILVERSTONE AUTOMATION BUILDING SOUTH JORDAN, UT | |
| PROJ # FF 2020-01 DATE: DECEMBER 2, 2022 DESIGN BY: RBB CHECKED BY: JJA SHEET CV 1 OF 8 | |

2 OF 8



- LEGEND**
- PROPOSED ASPHALT PAVEMENT PER SECTION ON SHEET DT1
 - PROPOSED CONCRETE
 - PROPOSED BUILDING
 - LANDSCAPING
 - ACCESSIBLE ROUTE

- KEYNOTES:**
- CONSTRUCT 4" CONCRETE WATERWAY PER APWA PLAN 211. SEE SHEET DT1.
 - CONSTRUCT CONCRETE WATERWAY TRANSITION PER APWA PLAN 213. SEE SHEET DT1.
 - CONSTRUCT THICKENED EDGE SIDEWALK PER DETAIL ON SHEET DT2.
 - CONSTRUCT 24" CURB & GUTTER TYPE E PER APWA PLAN 205.2. SEE SHEET DT1.
 - CONSTRUCT ACCESSIBLE PARKING STALL PER DETAIL ON SHEET DT2.
 - CONSTRUCT ACCESSIBLE STALL SIGN AND STRIPING PER DETAIL ON SHEET DT2.
 - CONSTRUCT ACCESSIBLE RAMP PER APWA PLAN 236.1. SEE SHEET DT1.
 - INSTALL FIRE HYDRANT PER SOUTH JORDAN CITY STANDARDS. LOCATE AT LEAST 2 FT BEHIND THE CURB ON A 4" X 5", 6" THICK CONCRETE PAD. SEE SHEET DT3.
 - INSTALL 1 1/2" WATER SERVICE AND METER PER SOUTH JORDAN CITY STANDARDS.
 - CONNECT PROPOSED 4" SERVICE LATERAL TO EXISTING SANITARY SEWER MANHOLE PER SOUTH VALLEY SEWER DISTRICT STANDARDS. INV 4372.82
 - INSTALL 4" CLEANOUT AT BUILDING CONNECTION WITH 4" PVC SEWER LATERAL AT 2% MINIMUM SLOPE. INV 4375.46
 - INSTALL 4" CLEANOUT WITH PVC SEWER LATERAL AT 2% MINIMUM SLOPE. INV 4374.30
 - INSTALL 8" WATER MAIN WITH ALL CONNECTIONS AND FITTINGS AND CONNECT TO EXISTING WATER LINES CREATING A LOOP SEE SHEET SP2 FOR POINTS OF CONNECTION.
 - INSTALL PARKING LOT TRAFFIC DIRECTION MARKINGS.
 - CONSTRUCT ACCESSIBLE RAMP PER APWA PLAN 236.3. SEE SHEET DT3.
 - CONSTRUCT ACCESSIBLE RAMP PER. SEE SHEET GP.
 - LANDSCAPING. SEE LANDSCAPE SHEETS.
 - CONNECT WITH 8" X 1" TEE.
 - INSTALL 1" IRRIGATION WATER LINE.
 - INSTALL 1" WATER METER. SEE LANDSCAPE AND IRRIGATION SHEETS.
 - INSTALL 6" FIRE SERVICE WITH POST INDICATOR VALVE PER SOUTH JORDAN CITY STANDARDS.
 - INSTALL FDC PER SOUTH JORDAN CITY STANDARDS.

PARKING CALCULATIONS:

| | |
|----------------------------------|-----------------|
| 2,634 FT ² / 300 ppl | = 9 |
| 10,123 FT ² / 800 ppl | = 13 |
| TOTAL STALLS | 22 STALLS REQ'D |
| TOTAL PROVIDED | 24 STALLS |
| (1) ADA STALL PROVIDED | |

- SEWER NOTES:**
- ALL CONSTRUCTION TO COMPLY WITH SOUTH VALLEY SEWER DISTRICT'S DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS.
 - CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES BEFORE STAKING OR CONSTRUCTING ANY NEW SEWER LINES.
 - FOUR FEET OF COVER IS REQUIRED OVER ALL SEWER LINES.

City Engineer
City of South Jordan
Approved 01/10/2023
Paul Klawns City Engineer

11395943
No. 11395943
ROBERT
BURKHILL, III
12.02.22
STATE OF UTAH

PROFESSIONAL ENGINEER

| NO. | DATE | DESCRIPTION |
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| 1 | 12/02/22 | SITE AND UTILITY PLAN |

SITE AND UTILITY PLAN

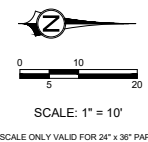
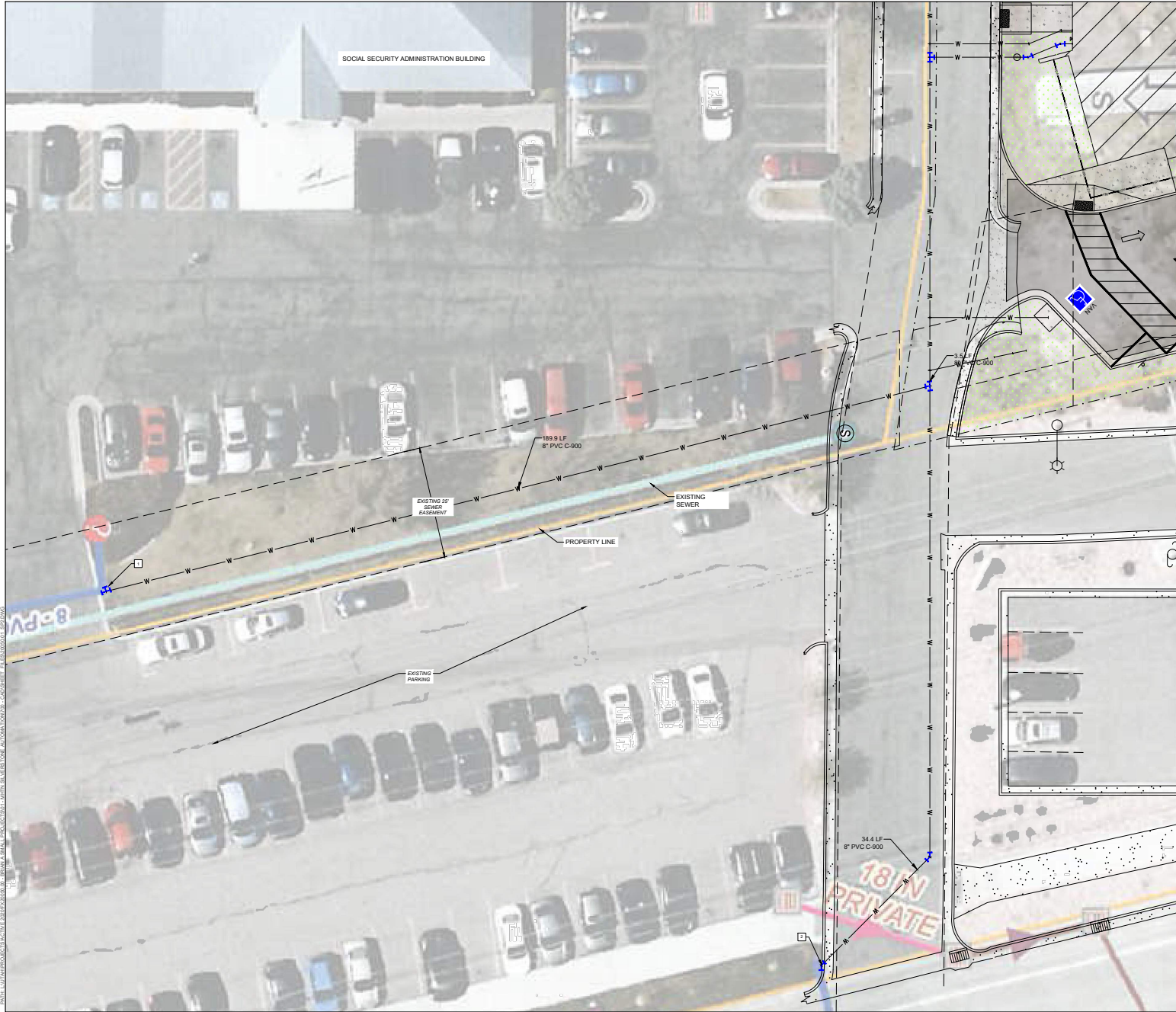
SILVERSTONE AUTOMATION BUILDING

SOUTH JORDAN, UT

PROJ. # FF 2020-01
DATE: DECEMBER 2, 2022
DESIGN BY: RBB
CHECKED BY: JLL
SHEET

811
Know what's below.
Call before you dig.

SP1
3 OF 8



- LEGEND**
- PROPOSED ASPHALT PAVEMENT
PER SECTION ON SHEET DT1
 - PROPOSED CONCRETE
 - PROPOSED BUILDING
 - LANDSCAPING
 - ACCESSIBLE ROUTE

- KEYNOTES:**
- INSTALL 8" WATER MAIN WITH ALL CONNECTIONS AND FITTINGS AND CONNECT TO EXISTING 8" WATER MAIN PER SOUTH JORDAN CITY STANDARDS.
 - CONNECT TO EXISTING 6" WATER MAIN PER SOUTH JORDAN CITY STANDARDS.

City Engineer
City of South Jordan
Approved 01/10/2023
Bob Kline City Engineer

- SEWER NOTES:**
- ALL CONSTRUCTION TO COMPLY WITH SOUTH VALLEY SEWER DISTRICT'S DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS.
 - CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES BEFORE STAKING OR CONSTRUCTING ANY NEW SEWER LINES.
 - FOUR FEET OF COVER IS REQUIRED OVER ALL SEWER LINES.



CivilScience
Engineers & Surveyors
3100 SOUTH JORDAN BLVD.
SOUTH JORDAN, UT 84093
(801) 786-7200

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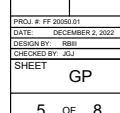
SITE AND UTILITY PLAN

SILVERSTONE AUTOMATION BUILDING
SOUTH JORDAN, UT

PROJ. # FF 2020-01
DATE: DECEMBER 2, 2022
DESIGN BY: RBB
CHECKED BY: JLL
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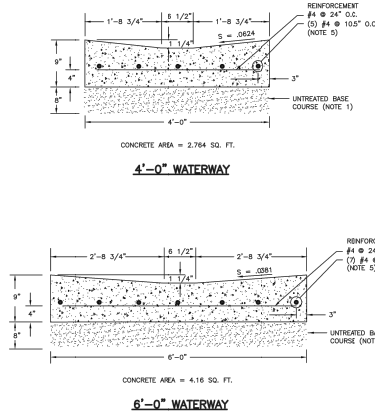
SP2

4 OF 8



Waterway

- GENERAL**
 - Variance from specified dimensions and slopes must be acceptable to the ENGINEER. System configuration may be changed at ENGINEER's discretion.
 - Unless indicated otherwise, width of waterway as follows.
 - 4 feet for a residential street.
 - 6 feet for a non-residential street.
 - If wider than 6 feet, offset the flow line in the waterway to match (line up with) the curb and gutter flow line. Adjust cross slopes to match existing slopes.
- PRODUCTS**
 - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
 - Expansion Joint Filler: 1/2-inch thick type F1 full depth, APWA Section 32 13 73.
 - Concrete: Class 4000, APWA Section 03 30 04. If necessary, provide concrete that achieves design strength in less than 7 days. Use caution; however, as concrete crazing (spider cracks) may develop if air temperature exceeds 90 degrees F.
 - Reinforcement: Galvanized or epoxy coated, deformed, 60 ksi yield grade steel, ASTM A615.
 - Concrete Curing Agent: Clear membrane forming compound with fugitive dye (Type ID Class A), APWA Section 03 39 00.
- EXECUTION**
 - Base Course Placement: APWA Section 32 05 10. Thickness is 6-inches if flow-line grade is 0.5 percent (± 0.005) or greater. If slope is less, provide 8-inches. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density. APWA Section 31 23 26.
 - Concrete Placement: APWA Section 03 30 16.
 - Install expansion joints vertical, full depth, with top of filler set flush with concrete surface. Expansion joints are not required in concrete placement using slip-form construction.
 - Install contraction joints vertical, 1/8-inch wide or 1/4 slab thickness if the slab is greater than 8-inches thick. Match joint location in adjacent Portland-cement concrete roadway pavement.
 - Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
 - Protection and Repair: Protect concrete from deicing chemicals during cure. Repair construction that does not drain. If necessary, fill flow-line with water to verify.



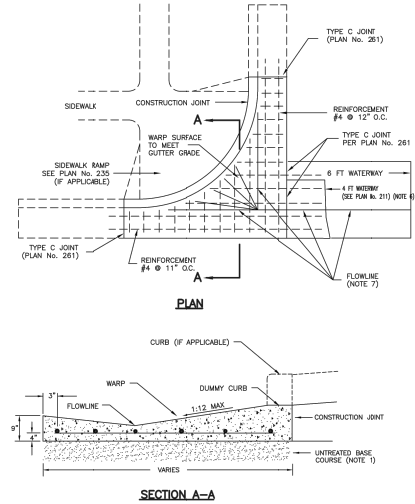
Waterway
31

Plan No.
211

January 2003

Waterway transition structure

- GENERAL**
 - Variance from specified dimensions and slopes must be acceptable to the ENGINEER. System configuration may be changed at ENGINEER's discretion.
 - Additional requirements are specified in APWA Section 32 16 13.
- PRODUCTS**
 - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
 - Expansion Joint Filler: 1/2-inch thick type F1 full depth, APWA Section 32 13 73.
 - Concrete: Class 4000, APWA Section 03 30 04. If necessary, provide concrete that achieves design strength in less than 7 days. Use caution; however, as concrete crazing (spider cracks) may develop if air temperature exceeds 90 degrees F.
 - Reinforcement: Galvanized or epoxy coated, deformed, 60 ksi yield grade steel, ASTM A615.
 - Concrete Curing Agent: Clear membrane forming compound with fugitive dye (Type ID Class A), APWA Section 03 39 00.
- EXECUTION**
 - Base Course Placement: APWA Section 32 05 10. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density. APWA Section 31 23 26.
 - Concrete Placement: APWA Section 03 30 16.
 - Install expansion joints vertical, full depth, with top of filler set flush with concrete surface. Expansion joints are not required in concrete placement using slip-form construction.
 - Install contraction joints vertical, 1/8-inch wide or 1/4 slab thickness if the slab is greater than 8-inches thick. Match joint location in adjacent Portland-cement concrete roadway pavement.
 - Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
 - Protection and Repair: Protect concrete from deicing chemicals during cure. Repair construction that does not drain. If necessary, fill flow-line with water to verify.



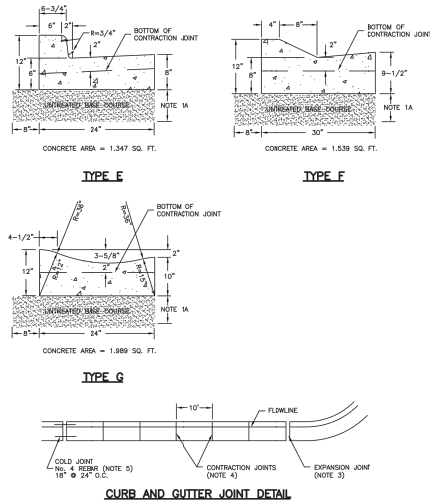
Waterway transition structure

Plan No.
213

May 2005

Curb and gutter

- GENERAL**
 - Variance from specified dimensions and slopes must be acceptable to the ENGINEER. System configuration may be changed at ENGINEER's discretion.
 - Additional requirements are specified in APWA Section 32 16 13.
- PRODUCTS**
 - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
 - Expansion Joint Filler: 1/2-inch thick type F1 full depth, APWA Section 32 13 73.
 - Concrete: Class 4000, APWA Section 03 30 04. If necessary, provide concrete that achieves design strength in less than 7 days. Use caution; however, as concrete crazing (spider cracks) may develop if air temperature exceeds 90 degrees F.
 - Concrete Curing Agent: Clear membrane forming compound with fugitive dye (Type ID Class A), APWA Section 03 39 00.
- EXECUTION**
 - Base Course Placement: APWA Section 32 05 10. Thickness is 6-inches if flow-line grade is 0.5 percent (± 0.005) or greater. If slope is less, provide 8-inches. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density. APWA Section 31 23 26.
 - Concrete Placement: APWA Section 03 30 16.
 - Install expansion joints vertical, full depth, with top of filler set flush with concrete surface. Expansion joints are not required in concrete placement using slip-form construction.
 - Install contraction joints vertical, 1/8-inch wide or 1/4 slab thickness if the slab is greater than 8-inches thick. Match joint location in adjacent Portland-cement concrete roadway pavement.
 - Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
 - Protection and Repair: Protect concrete from deicing chemicals during cure. Repair construction that does not drain. If necessary, fill flow-line with water to verify.



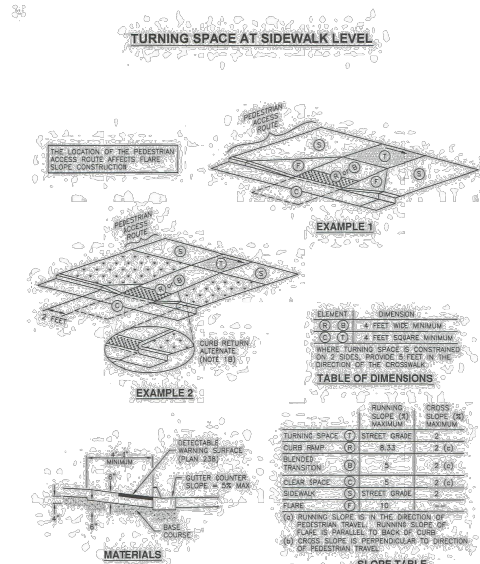
Curb and gutter

Plan No.
205

June 2005

Midblock curb cut assembly

- GENERAL**
 - Where existing elements or spaces are altered to receive an assembly, slopes and dimensions shall comply with slopes and dimensions shown on the drawing, or to the maximum extent feasible permitted by the ENGINEER. Final configuration of the assembly may be different than shown.
 - Definitions and supplemental requirements are specified in APWA Section 32 16 14.
- PRODUCTS**
 - Base Course: Untreated base course, APWA Section 32 11 23. Do not use gravel as a base course without ENGINEER's permission.
 - Expansion Joint Filler: 1/2-inch thick type F1 full depth, APWA Section 32 13 73.
 - Concrete: Class 4000, APWA Section 03 30 04. If necessary, provide concrete that achieves design strength in less than 7 days. Use caution; however, as concrete crazing (spider cracks) may develop if air temperature exceeds 90 degrees F.
 - Concrete Curing Agent: Clear membrane forming compound with fugitive dye (Type ID Class A), APWA Section 03 39 00.
- EXECUTION**
 - Base Course Placement: APWA Section 32 05 10. Maximum lift thickness before compaction is 8-inches when using riding equipment or 6-inches when using hand held equipment. Compaction is 95 percent or greater relative to a modified proctor density. APWA Section 31 23 26.
 - Concrete Placement: APWA Section 03 30 16.
 - Install expansion joints vertical, full depth, with top of filler set flush with concrete surface. Expansion joints are not required in concrete placement using slip-form construction.
 - Install contraction joints vertical, 1/8-inch wide or 1/4 slab thickness if the slab is greater than 8-inches thick. Match joint location in adjacent Portland-cement concrete roadway pavement.
 - Provide 1/2-inch radius edges. Apply a broom finish. Apply a curing agent.
 - Protection and Repair: Protect concrete from deicing chemicals during cure. Repair construction that does not drain. If necessary, fill flow-line with water to verify.



Mid-block curb cut assembly

Plan No.
236.1

September 2011

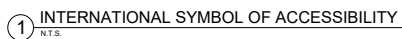
Civil Science
Engineering & Construction
1100 S. 1000 E. SUITE 200
LEHI, UT 84043
(801) 766-7200

PROFESSIONAL ENGINEER
No. 11395943
ROBERT BURKHILL III
12.02.22
STATE OF UTAH

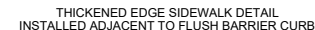
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DETAILS
SILVERSTONE AUTOMATION BUILDING
SOUTH JORDAN, UT

PROJ. # FF 2020-01
DATE: DECEMBER 2, 2022
DESIGN BY: RBB
CHECKED BY: JJJ
SHEET
DT1
6 OF 8



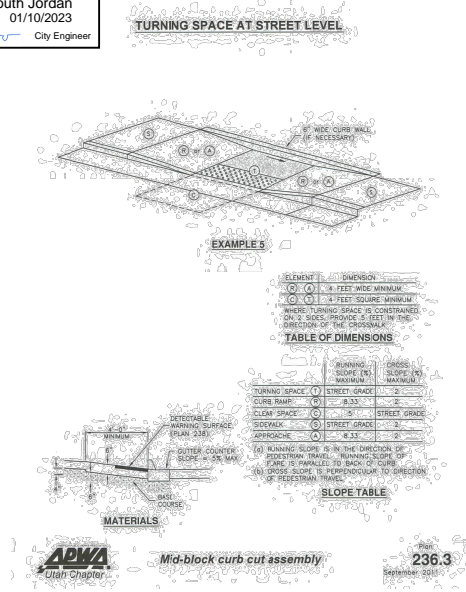
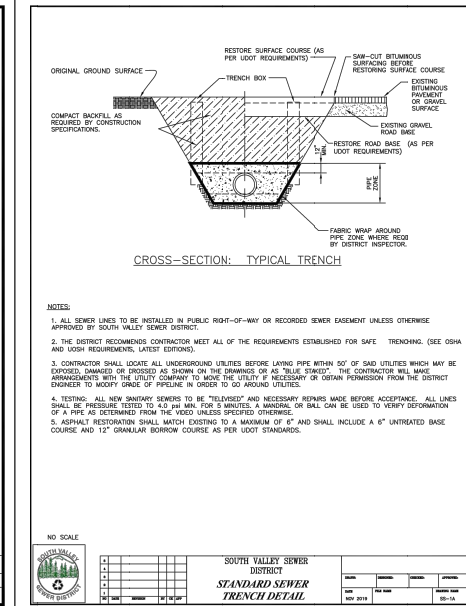
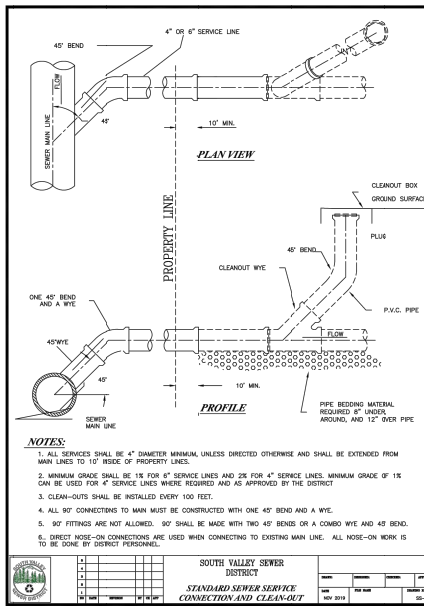
1. 4" UNTREATED BASE COURSE MATERIAL SHALL BE PLACED UNDER THE CONCRETE SIDEWALK.
2. AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER, A CURB SHALL BE CONSTRUCTED WHERE THE EXISTING SIDEWALK IS TO BE LOWERED, OR ABUTS A BUILDING OR ADJACENT PROPERTY.
3. TRANSVERSE SIDEWALK JOINT SPACING SHALL VARY FROM 5 TO 6 FEET TO CREATE APPROXIMATE SQUARE PANELS. WHEN THE SIDEWALK IS ADJACENT TO THE CURB & GUTTER, THE SIDEWALK JOINT SPACING SHALL BE VARIED SO THAT THE SIDEWALK JOINTS MATCH UP WITH THE CURB & GUTTER JOINTS.
4. LONGITUDINAL JOINTS SHALL BE USED WHERE THE SIDEWALK WIDTH IS 8' OR GREATER, AND SHALL BE SPACED AT HALF THE SIDEWALK WIDTH.



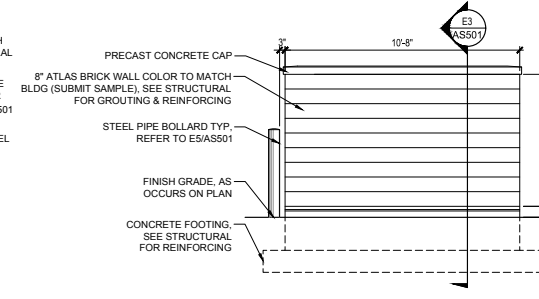
* REFER TO PROJECT GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION



1. CONCRETE SHALL BE P51 @ 28 DAYS. INLET MAY BE CAST-IN-PLACE OR PRECAST AND SHALL CONFORM TO ASTM C-478. PRECAST INLETS SHALL CONFORM WITH ASTM C586 AND C913. (PRECAST BOX SHOWN)
2. CAST-IN-PLACE CONCRETE WALLS SHALL BE 6" MIN. THICKNESS WITH 3/4" CHAMFERED EDGES.
3. ALL WALLS AND BARS SHALL BE REINFORCED WITH #4 @ 8" O.C. EACH WAY. REINFORCING BARS SHALL BE DEFORMED AND SHALL HAVE A 2" MINIMUM CLEARANCE.
4. ALL GRATES AND FRAMES SHALL BE GRAY OR DUCTILE CAST IRON GRATES AND FRAMES. SHALL BE DESIGNED TO SUPPORT ALL TRAFFIC LOADING. INLETS LOCATED WITHIN PAVED AREAS SHALL HAVE CONCRETE APRON PER DETAIL ON THIS SHEET.
5. SEE UTILITY PLAN FOR BOX SIZE, LOCATION AND SIZE OF PIPE.
6. WHEN BITUMINOUS MATERIAL IS TO EXTEND TO THE EDGE OF THE GRATING FRAME, CONCRETE MAY BE DEFORMED.
7. PROVIDE EMBEDDED PLASTIC LADDER STEPS AT 18" SPACING FOR INLETS DEEPER THAN 4".
8. FOR INLETS IN LANDSCAPE AREAS, NON-CONCRETE INLET OPTIONS MAY BE ACCEPTABLE. SUBMIT TO ENGINEER FOR REVIEW.



C

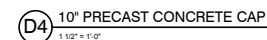


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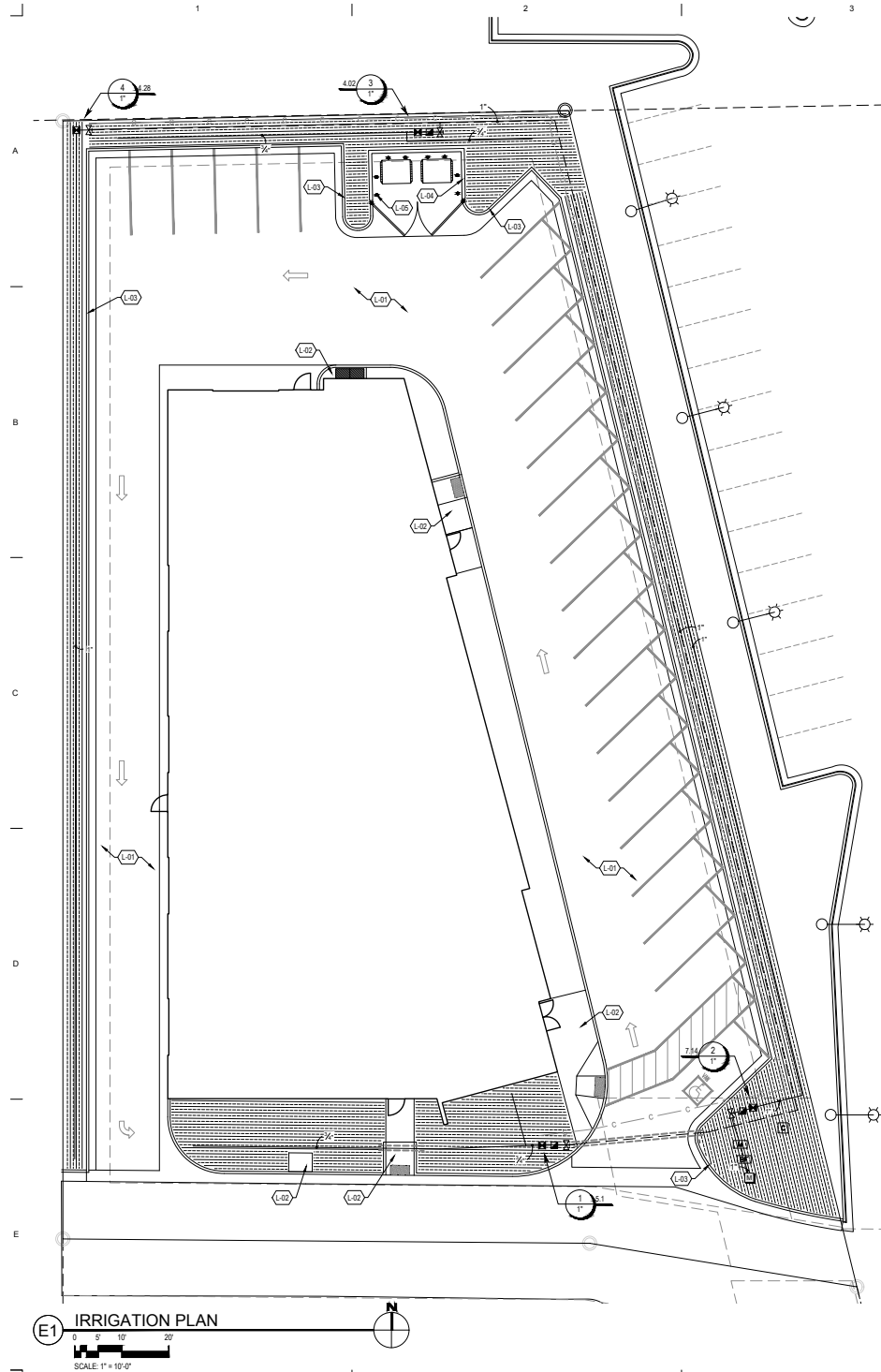
P-CO-SIL-042263-14

14 **C4 DUMPSTER ENCLOSURE- EAST ELEVATION**
3/8" = 1'-0"

| <u>SYMBOL</u> | <u>LANDSCAPE DESCRIPTION</u> |
|---------------|------------------------------|
|---------------|------------------------------|

D

P-CO-SIL-042263-02



DRIP IRRIGATION NOTES

- LAYOUT DRIP LINE SO THAT AS A MINIMUM ALL SHRUBS LIE BETWEEN TWO ROWS OF DRIPPER LINE AND SO THAT ROWS ARE 18" TO 24" APART TYPICAL. FIELD VERIFY SOL. SUBSOL. AND SLOPE CONDITIONS AND MODIFY AS REQUIRED.
- COORDINATE LAYOUT OF DRIP LINE WITH THE LAYOUT OF THE PLANT MATERIAL THROUGHOUT.
- INSTALL AUTOMATIC DRAINS AT ALL LOW POINTS IN THE PVC SUPPLY AND EXHAUST HEADERS TO ENSURE COMPLETE DRAINAGE.
- FLUSH OUT THE SYSTEM COMPLETELY PRIOR TO INSTALLING THE FLUSH VALVES TO PREVENT CLOGGING.
- INSTALL PVC SUPPLY AND EXHAUST HEADERS A MIN. OF 6" BELOW FINISH GRADE TYPICAL THROUGHOUT.
- INSTALL DRIPPER LINE 2" BELOW FINISH GRADE DIRECTLY BELOW MULCH LAYER.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AN ADEQUATE AMOUNT OF AIR RELIEF VALVES. EACH ZONE, SEPARATE AREA WITHIN ZONES, OR AREAS WITHIN ZONES SEPARATED BY GRADE VARIATIONS REQUIRE AIR RELIEF VALVES. INSTALL IN 2" PVC SLEEVES WITH MARKER CAP.
- ALL PVC SUPPLY AND EXHAUST HEADERS SHALL BE A MINIMUM OF 1" IN SIZE.
- ALL FILTERING AND VALVING FOR BOTH THE DRIPPER LINE AND EMITTERS SHALL BE ACCOMMODATED USING THE SAME VALVE/FILTER PRESSURE REGULATING ASSEMBLY.

IRRIGATION NOTES

- ALL MAIN LINE PIPE SHALL BE NEW SCH 40 WITH SCH 80 FITTINGS ON ALL TEES. ELBOWS AND 90'S. ALL LATERAL LINE PIPE SHALL BE SCHEDULE 40 PVC PIPE WITH SCH 40 FITTINGS.
- ALL GALVANIZED PIPE ON DETAILS SHALL BE NEW GALVANIZED STEEL PIPE.
- LIVE SERVICE MANS SHALL BE INSTALLED A MINIMUM OF 18" BELOW FINISH GRADE. BACKFILL TRENCH AROUND LIVE SERVICE MAN WITH A MINIMUM OF 8" OF SAND. LATERAL LINES SHALL BE PLACED A MINIMUM OF 12" BELOW FINISH GRADE. INSTALL A QUICK COUPLER AND DRAIN DOWNSIDE OF THE MASTER VALVE.
- ALL MAIN LINES SHALL SLOPE TO DRAIN. IF FIELD CONDITIONS NECESSITATE ADDITIONAL DRAINS, THESE DRAINS SHALL BE INSTALLED FOR COMPLETE DRAINAGE OF THE ENTIRE MAINLINE. PROVIDE A 24" DIA. 2" DEEP GRAVEL SUMP UNDER EACH DRAIN, WHICH DRAIN SHALL BE A MIN. OF 24" BELOW GRADE. ALL MANUAL DRAIN VALVES SHALL BE INSTALLED AS DETAILED ON THE DRAWINGS. INSTALL GEO-TEXTILE FABRIC AROUND EACH GRAVEL DRAIN.
- THIS CONTRACTOR SHALL PROVIDE AND INSTALL AIR RELIEF VALVES ON THE MAINLINE AT ALL DEAD END RUNS AND AT ALL HIGH POINTS THROUGHOUT.
- ALL PVC FITTINGS SHALL BE ASTM 2466 FITTINGS.
- IRRIGATION SYSTEM IS DESIGNED SO THAT THE SYSTEM CAN BE WINTERIZED USING COMPRESSED AIR. DO NOT INSTALL AUTOMATIC DRAINS ANYWHERE ON THE SYSTEM.
- THIS CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF THE IRRIGATION SPRINKLER SYSTEM IN CAD FORMING EXACT MEASURED AND DIMENSIONED LOCATIONS OF ALL VALVES, WIRE SPLICES NOT IN A VALVE BOX AND DRAIN VALVES. TIE DIMENSIONS TO PERMANENT FEATURES SUCH AS STRUCTURES.
- THIS DRAWING IS DIAGRAMMATIC ONLY AND IS INTENDED TO CONVEY THE IDEA OF FULL COVERAGE OF THE IRRIGATION SPRINKLER SYSTEM. PRINTS SHALL NOT BE SCALED. THE IRRIGATION SYSTEM CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION LAYOUT OF THE SYSTEM IN ACCORDANCE WITH THE DRAWINGS TO PROPORTIONALLY COVER A GIVEN AREA AS SHOWN. THE LAYOUT MAY BE MODIFIED IF NECESSARY TO OBTAIN COVERAGE TO SUIT THE MANUFACTURERS STANDARD HEADS INDICATED. DO NOT DECREASE THE NUMBER OF HEADS INDICATED UNLESS THIS IS ACCEPTABLE TO THE LANDSCAPE ARCHITECT. THE SYSTEM SHALL BE TESTED FOR COMPLETE COVERAGE AND ALL NECESSARY PROPER ADJUSTMENTS MADE TO GET FULL AND PROPER COVERAGE PRIOR TO ACCEPTANCE BY THE OWNER.
- THE SYSTEM IS DESIGNED FOR 30 PSI OPERATING PRESSURE ON THE ENTIRE DRIP SYSTEM UNLESS OTHERWISE NOTED.
- ALL VALVES TO BE WIRED TO CONTROLLERS USING #14 U.F. WIRE AND PEN-TITE WATER RESISTANT WIRE CONNECTORS. ALL VALVE WIRES UNDER PAVING SHALL BE INSTALLED IN A MINIMUM 2" SCHEDULE 40 PVC CONDUIT BURIED 24" DEEP. PROVIDE AND INSTALL A DIFFERENT COLOR VALVE WIRE FOR EACH CONTROLLER. RUN ONE EXTRA WIRE FROM THE ADJACENT CONTROLLER TO EACH GROUP OF VALVES FOR FUTURE USE AND STUB INTO THE VALVE BOX.
- ALL VALVE BOXES SHALL BE JUMBO SIZED PLASTIC BOXES, AMETEC OR EQUAL UNLESS OTHERWISE DETAILED.
- ALL VALVES WILL BE LOCATED IN GROUPS 3' AWAY FROM WALKS AND CURBS COORDINATE WITH MAINLINE LAYOUT. A DRAIN VALVE WITH SUMP SHALL BE PROVIDED AND INSTALLED AT EACH GROUP OF VALVES. A QUICK COUPLER SHALL BE PROVIDED AT EVERY VALVE MANIFOLD LOCATION. VALVES SHALL BE LOCATED 3'-0" AWAY FROM THE CURBS, WALKS OR MOWSTRIP.
- ALL ISOLATION VALVES AT VALVE MANIFOLDS SHALL BE APOLLO 70-100 SERIES BALL VALVES.
- A MAXIMUM OF FOUR VALVES SHALL BE INSTALLED ON EACH VALVE MANIFOLD OR MAIN LINE TEE. ALL MAINLINE MANIFOLD TEES SHALL HAVE A 4" MINIMUM OUTLET.
- ALL HEADS SHALL BE SET PERPENDICULAR TO THE EXISTING GRADE SO AS TO PROVIDE PROPER COVERAGE.
- PROVIDE AND INSTALL ALL THE MANUFACTURERS RECOMMENDED SURGE AND LIGHTNING PROTECTION EQUIPMENT ON ALL NECESSARY SYSTEM COMPONENTS.
- CONNECT TO THE EXISTING 1-1/2" PVC MAINLINE SUB AT THE LOCATION SHOWN. INSTALL THE BACKFLOW PREVENTION ASSEMBLY AND MASTER VALVE, DRAIN VALVE AND QUICK COUPLER AS REQUIRED TO DRAIN THE SYSTEM.
- INSTALL A FEBCO REDUCED PRESSURE VACUUM BREAKER BACKFLOW PREVENTION ASSEMBLY ABOVE GRADE AS DETAILED AND AS PER ALL APPLICABLE STATE CODES AND AS PER MANUFACTURES RECOMMENDATIONS.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY SITE ITEMS DAMAGED DURING THE COURSE OF CONSTRUCTION.
- IRRIGATION PRODUCT SUBMITTALS SHALL INCLUDE PIPE SLEEVING AND CONDUIT.
- COORDINATE WITH THE GENERAL CONTRACTOR AND OWNER IN THE INSTALLATION OF THE PEDESTAL MOUNTED IRRIGATION CONTROLLER. PROVIDE LIGHTNING PROTECTION PER MFG'S RECOMMENDATIONS.

REFERENCE NOTES SCHEDULE

| SYMBOL | LANDSCAPE DESCRIPTION |
|--------|------------------------|
| (L-01) | ASPHALT PAVING |
| (L-02) | CONCRETE PAVING |
| (L-03) | CONCRETE CURB & GUTTER |
| (L-04) | CMU SCREEN WALL |
| (L-05) | BOLLARD TYP. |

IRRIGATION SCHEDULE

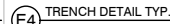
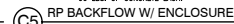
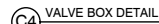
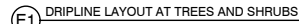
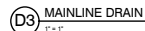
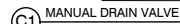
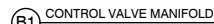
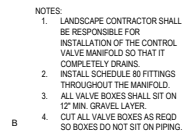
| SYMBOL | MANUFACTURER/MODEL |
|--------|--|
| (M) | RAIN BIRD XCZLF-100-PRF |
| (A) | AREA TO RECEIVE DRIPLINE NETAFIM TDL-06-18 |
| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION |
| (B) | RAIN BIRD 44-NP 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING NON-POTABLE PURPLE RUBBER COVER, AND 2-PIECE BODY. |
| (X) | APOLLO VALVES 70-100 BALL VALVE (LEAD FREE); LEAD FREE BRONZE BODY, BLOW-OUT PROOF STEM DESIGN, MULTI-FILL PTFE SEALS & SEALS |
| (M) | NETAFIM DIGITAL REGISTER 1-1/2" NETAFIM LHM15EM11A/MEL, MASTER VALVE/LOW SENSOR WITH WATER METER AND HYDRAULIC VALVE IN A SINGLE UNIT. CAST IRON WITH BAKED POWDER-COATED FINISH. MINIMUM WORKING PRESSURE 14 PSI. MALE PIPE THREAD CONNECTION, DIGITAL REGISTER. |
| (F) | FEBCO 825Y 1" REDUCED PRESSURE BACKFLOW PREVENTER |
| (C) | HUNTER HCC-800-MICC-PED-SS 8 STATION OUTDOOR W/FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN, COMMERCIAL USE, STAINLESS STEEL PEDESTAL W/ CONCRETE PAD. |
| (U) | WATER METER 1" |
| (L) | IRRIGATION LATERAL LINE: PVC SCHEDULE 40 |
| (L) | IRRIGATION MAINLINE: PVC SCHEDULE 40 |
| (C) | IRRIGATION MAINLINE: VALVE WIRE CONDUIT |
| (S) | PIPE SLEEVE: PVC CLASS 200 SDR 21 TYPICAL PIPE SLEEVE FOR IRRIGATION PIPE. PIPE SLEEVE SIZE SHALL ALLOW FOR IRRIGATION PIPING AND THEIR RELATED COUPLINGS TO EASILY SLIDE THROUGH SLEEVING MATERIAL. EXTEND SLEEVES 18 INCHES BEYOND EDGES OF PAVING OR CONSTRUCTION. |
| (V) | Valve Control Valve Number Valve Pipe Valve Size |

MHTN ARCHITECTS
MHTN Architects, Inc.
425 East South Temple
Salt Lake City, Utah 84111
Telephone (801) 595-4700
Telefax (801) 595-6717
www.mhtn.com

SILVERSTONE AUTOMATION
HOLDINGS10 LLC
10096 S. JORDAN GATEWAY
SOUTH JORDAN CITY, UT 84117

SEAL OF THE CITY OF SALT LAKE COUNTY
VINCENT BOLTON
No. 4812885
12-02-2022
LANDSCAPE ARCHITECT

PROJECT NO. 2019575
DATE: 01/10/2023
CONSTRUCTION DOCUMENTS
12.02.2022
IRRIIGATION PLAN
LI100



 City Engineer

SILVERSTONE AUTOMATION
HOLDINGS10 LLC
10096 S. JORDAN GATEWAY
SOUTH JORDAN CITY, UT 84117



METH PROJECT NO. 2019575

Original Drawing is 30 x 42. Do not scale contents of this drawing.

REVISIONS
CONTRACTOR TO VERIFY DRAWINGS IN FIELD USE REFLECT
L. A. GRIFFIN & ASSOCIATES, INC.

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| MO. Δ | DATE | GROUP NO. |
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ISSUE
CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS
13.03.2023

12.02.2022

SHEET NAME
IRRIGATION

IRRIGATION

DETAILS

SHEET NUMBER

11504

1501

21004

IRRIGATION SYSTEMS

SECTION 32840 - IRRIGATION SYSTEMS

3.1 TRENCHES:

- A. Trenches shall be dug as wide and deep as necessary to properly place the sprinkling system according to the requirements herein. Any rock encountered in the excavation shall not be left in the backfill. All excess rock shall be removed from the site by this Contractor and legally disposed of off the property. All trenches shall be backfilled and compacted to insure no settling of the surface, after the lawn is planted.
- B. If backfill soil is rocky or lumpy, protect the pipe and the pipe conduit with 8" of sand or loose, rock free, soil under, over and on sides of pipe. Avoid putting large rocks against pipe during backfilling operation. See detail.
- C. All trenches must be compacted to 90% in 6" lifts and watered in. Lines from control valves shall be installed after topsoil is in place and properly graded.
- D. This Contractor, in placing the sprinkling lines, etc., may uncover material not suitable for finished grading. This material shall be removed from the site by this Contractor. After the installation of the lines, the finished grading shall be smoothed over and restored to its original condition, using additional topsoil at this Contractor's expense, if this is necessary. The upper 6" of topsoil removed in the excavation of trenches for pipeline shall be conserved and kept separate from subsoil and reinstalled without mixing with other soil.
- E. Trenches where more than one pipe is to be installed, a distance of 6" is to be maintained between each pipe. No exceptions.
- F. All trenches are to be 12" away from all curbs, buildings and sidewalks. No exceptions.

3.8 PIPING INSTALLATION

- A. Install underground polyvinyl chloride (PVC) plastic pipe according to ASTM D 2774.
- B. Lay piping on solid sub-base, uniformly sloped without humps or depressions.
1. Slope circuit piping down toward drain valve minimum of 1/8-inch in 10-feet (1:240).
2. Install polyvinyl chloride (PVC) plastic pipe in dry weather when temperature is above 40 deg. F (4 deg. C). Allow joints to cure at least 24-hours at temperature above 40 deg. F (4 deg. C) before testing, unless otherwise recommended by manufacturer.
- C. Drain Pockets: Excavate to sizes indicated. Backfill with cleaned gravel and crushed stone, graded from 3/4 inches (19 mm) to 1/2-inch (12mm) minimum, drain material to 12-inches (300 mm) below grade. Cover drain material with sheet of ASTM D 328, Type II, asphalt-saturated felt and backfill remainder with excavated material. Drain pocket to be minimum 6 cubic feet.
- D. Minimum Cover: Provide following minimum cover over top of buried piping:
1. Pressure Piping: Greater depth of minimum of 18-inches (600 mm) below finished grade.
2. Circuit Piping: 12-inches (300 mm).
3. Drain Piping: 12-inches (300 mm).
4. Sleeves: 18-inches (600 mm).
- E. Install piping under sidewalks and paving in sleeves.
- F. All pipe threads shall be sealed with Teflon tape and pipe thread compound.
- G. All glue joints to be set 24 hours prior to pressurization.

3.9 FLUSHING AND PRELIMINARY TESTING

- A. Flush and test each zone after installation of new piping, swing pipe and prebif used joint, but before installation of heads and before backfilling is complete. Open control valve completely and flush with a full head of water. Each automatic valve shall then be disassembled, inspected for rocks, cleaned and re-assembled. Install heads and test each zone for coverage.
- B. Testing will be performed after completion of each circuit and again after the completion of the entire system. All repair work will be made at the contractor's expense.

3.10 BACKFLOW PREVENTER INSTALLATION

- A. Install backflow preventers of type, size, and capacity indicated. Include valves and test cocks. Install according to plumbing code and health department authorities with jurisdiction.
- B. Install pressure-type vacuum breakers minimum of 12-inches (300 mm) above downstream piping system.
- C. Do not install bypass around backflow preventer.
- D. Do not install backflow preventers with drains or vents in pits or areas subject to flooding.
- E. Support backflow preventers, valves, and piping on 3,000 psi (20.7 MPa) minimum, Portland-Cement-Mix concrete piers.

3.11 VALVE APPLICATIONS

- A. Drawings indicate valve types to be used. Where specific valve types are not indicated, following requirements apply:
1. Buried Valves 3-inches (DN 80) and Larger: ANWW, gate valves, non-rising stem, with stem nut and valve box.
2. Buried Valves 2-inches (DN 50) and Smaller: Bronze-body, curb stop, with tee head, service box and shutoff rod.

3.12 VALVE INSTALLATION

- A. Valves: Install underground valves in valve boxes or pits.
1. Install valves and SCH 80 polyvinyl chloride (PVC) pipe with restrained, gasketed joints.
2. Do not install at low spots.
3. Install all valves with SCH 80 PVC pipe running through the manifold. SCH 80 PVC to extend to the outside edge of the valve box on each side.
- B. Curb Stops: Install underground curb stops in service boxes.
- C. Control and Ball Valves: Install in valve control valve boxes, arranged for easy adjustment and removal. Install unions with one (1) on upstream side at each valve manifold.
- D. Control valves shall be located as close as possible to where shown on drawings. Avoid locating valves in areas of high pedestrian or vehicular traffic.
- E. Provide isolation valve at all valve bank locations.

3.13 VALVE WIRING

- A. Connect all valves to the irrigation control system as per manufacturer's recommendations.
1. Valve wire installations wiring shall be enclosed in adequate size PVC electrical conduit.
2. All splices shall be enclosed in a plastic valve box and noted on "as built" drawings.
3. At Y in two wire paths "Page Decoder cable fuse device" shall be installed or equivalent
- B. All splices shall be enclosed in a plastic valve box and noted on "as built" drawings.
- C. Wires run in some trench as main pressure line or any other pipe shall be set a minimum of 4 ft from pipe to allow for maintenance access. Wire shall run parallel to pipe and not wrap around or go under pipe unless core is taken to allow clearance for maintenance access.
- D. Grounding shall be done according to manufacturers specifications
1. Before the controller
2. Every five valves in field or 500ft.
3. Install line surge protector at termination of two wire path
- E. Each installed grounding system shall maintain a maximum ground resistance of 10 ohms, or less
5. Refer to the decoder manufacturer recommendations and documentation for proper specifications on grounding systems installation and grounding system design
6. Grounding rods shall be installed in plastic valve box and noted on "as built" drawings.

A grounding test shall be performed on all grounding elements paid for by the Contractor.

3.14 SPRINKLER INSTALLATION

- A. Sprinklers: Flush circuit piping with full head of water and install sprinklers after hydrostatic test is complete.
1. Install lawn sprinklers at manufacturer's recommended heights.

2. Install shrubbery sprinklers at heights indicated.
3. Locate port-circle sprinklers to maintain a minimum distance of 12-inches (400 mm) from walls and 2-inches (50 mm) from other boundaries, unless otherwise indicated.

- B. All sprinkler heads and valve boxes shall be set flush with finish grade unless otherwise specified. Contractor shall insure tops of heads and boxes remain at finish grade, and adjust as required. If any settlement occurs within the 1 year warranty period, the contractor will be required to place such areas back in satisfactory condition, using additional topsoil and new sod if necessary.

3.15 AUTOMATIC CONTROL SYSTEM INSTALLATION

- A. Install controllers according to manufacturer's written instructions and as indicated.
- B. Pedestal mount irrigation controller in the location shown and as directed by the Owner as per manufacturer's requirements.
- C. Run one extra wire from the adjacent controller to each group of valves for future use and stub into the valve box.
- D. Install control wiring in same trench with piping.
- 3.16 CONNECTIONS
- A. Connect piping to sprinklers, devices, valves, control valves, specialties, and accessories.
- B. Connect water supplies to irrigation systems. Include backflow preventers on potable water supplies. Include automatic filters on secondary water supplies.
- C. Electrical Connections: Connect to power source, controllers, and automatic control valves.
- D. Minimum requirements for electrical installations are specified in Division 16.
- E. Ground systems according to Division 16 Section "Grounding."

3.17 FIELD QUALITY CONTROL

- A. Testing: Perform hydrostatic test of piping and valves before backfilling trenches. Piping may be tested in sections to expedite work.
1. Cap and subject the piping system to a static water pressure of 50 psig (345 kPa) above the operating pressure without exceeding pressure rating of piping system materials. Isolate test source and allow to stand for 4 hours. Leaks and loss in test pressure constitute defects that must be repaired.
2. Repair leaks and defects with new materials and retest system or portion thereof until satisfactory results are obtained.
3. Notify Architect 24 hour in advance of pressure testing so test may be observed.

3.18 CLEANING AND ADJUSTING

- A. Flush dirt and debris from piping before installing sprinklers and other devices.
- A. Adjust automatic control valves to provide flow rate of rated operating pressure required for each sprinkler circuit.
- B. Carefully adjust lawn sprinklers so they will be flush with, or not more than 1/4-inch (13 mm) above, finish grade after completion of landscape work.
- C. Adjust settings of controllers and automatic control valves.

3.19 COMMISSIONING

- A. Starting Procedures: Follow manufacturer's written procedures. If no procedures are prescribed by manufacturers, proceed as follows:
1. Verify that specialty valves and their accessories have been installed correctly and operate correctly.
2. Verify that specified test of piping are complete.
3. Check that sprinklers and devices are correct type.
4. Check that damaged sprinklers and devices have been replaced with new materials.
5. Check that potable water supplies have correct type backflow preventers.
6. Energize circuits to electrical equipment and devices.
7. Adjust operating controls.
- B. Operational Testing: Perform operational testing after hydrostatic testing is completed, backfill is in place, and sprinklers are adjusted to final position.
- C. Provide irrigation system layout and diagram in CADD format with water zones clearly identified. Layout to be color coded with a maximum of 5 colors for easy legibility. Record water budget for each irrigation control zone and current settings. Provide laminated copy and mount near controller. Verify location with Architect.

3.20 DEMONSTRATION

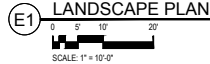
- A. Demonstrate to Architect that system meets coverage requirements and that automatic controls function properly.
- B. Demonstrate to Owner's maintenance personnel operation of equipment, sprinklers, specialties, and accessories. Review operating and maintenance information.
- C. Provide 7 days' written notice in advance of demonstration.
- D. System Operation Test / Substantial Completion Inspection:
1. During the Substantial Completion Inspection, the entire system, both electric and hydraulic, will be tested in the presence of the Landscape Architect and the Owner's Representative to insure COMPLETE coverage of all areas to be watered. Any deficiencies identified at this time will require revisions by the Contractor at the Contractor's expense.

3.21 WINTERIZATION

- A. All irrigation systems are typically winterized October 15th. If the Substantial Completion Certificate has not been issued by this date, it will be the responsibility of the Contractor to work with the Owner to winterize the system. The Contractor to then be responsible to assist in the activation of the system in the Spring to insure there are no problems.

APPENDIX A ALLOWABLE AVERAGE DISTANCES FROM CONTROLLER TO VALVES

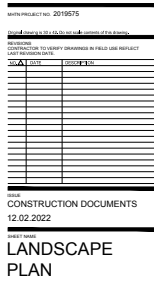
| ALLOWABLE AVERAGE DISTANCES FROM CONTROLLER TO VALVES | | | | | | | | | | | | | | | | | |
|---|------------|---------------------------------|-----|-----|-----|-----------------------------------|------|------|------|---------------------------------|-----|-----|-----|-----------------------------------|------|------|------|
| VALVE TYPE | VALVE SIZE | MAXIMUM ALLOWED DISTANCE (feet) | | | | MAXIMUM ALLOWED DISTANCE (meters) | | | | MAXIMUM ALLOWED DISTANCE (feet) | | | | MAXIMUM ALLOWED DISTANCE (meters) | | | |
| | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 |
| 1/2" | 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3/4" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 1" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 1 1/4" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 1 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 2 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 4" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| 3/4" | 3/4" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 1" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 1 1/4" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 1 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 2 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 4" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 4 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| 1" | 1" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 1 1/4" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 1 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 2 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 4" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 4 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 5" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| 1 1/4" | 1 1/4" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 1 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 2 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 4" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 4 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 5" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 5 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| 1 1/2" | 1 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 2 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 4" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 4 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 5" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 5 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 6" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| 2" | 2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 2 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 3 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 4" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 4 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 5" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 5 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 6" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |
| | 6 1/2" | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 | 100 | 100 | 100 | 100 | 30.5 | 30.5 | 30.5 | 30.5 |



REFERENCE NOTES SCHEDULE



SILVERSTONE AUTOMATION
HOLDINGS10 LLC
10096 S. JORDAN GATEWAY
SOUTH JORDAN CITY UT 84117



City Engineer
City of South Jordan
Approved 01/10/2023
Bob Klauer City Engineer

LP100

6. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING THE REQUIRED AMOUNT OF TOPSOIL TO COMPLETE THE PROJECT. NEW TOPSOIL SHALL MATCH QUALITY AND TEXTURE OF THE EXISTING TOPSOIL ON SITE.

| <u>GRASSES</u> | <u>CODE</u> | <u>BOTANICAL NAME</u> | <u>COMMON NAME</u> | <u>CONT</u> | <u>REMARKS</u> |
|---|-------------|-------------------------|--------------------|-------------|----------------|
|  | CHA LAT | CHASMANTHIUM LATIFOLIUM | WOOD OATS | 1 GAL. | |
|  | SPO HET | SPOROBOLUS HETEROLEPIS | PRAIRIE DROPSEED | 1 GAL. | |

NOTES:
1- SHRUBS SHALL BE OF QUALITY PRESCRIBED IN THE ROOT OBSERVATIONS DETAIL AND SPECIFICATIONS.
2- SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS RELATED TO THIS DETAIL.

(E2) $3/4'' = 1'-0''$

SOUTH JORDAN CITY PLANNING COMMISSION REPORT

Meeting Date: 08/25/2020

Issue: SILVERSTONE AUTOMATION
SITE PLAN

Address: 10096 South Jordan Gateway

File No: PLSPR202000181

Applicant: Ryan Berry, MHTN Architects

Submitted by: Damir Drozdek, Planner III
Shane Greenwood, Supervising Senior Engineer

Staff Recommendation (Motion Ready): I move that the Planning Commission **approve** application PLSPR202000181 to allow for construction of a new commercial building on property located at 10096 South Jordan Gateway.

| | |
|--------------------------------|--|
| ACREAGE: | Approximately 0.75 acres |
| CURRENT ZONE: | I-F (Industrial - Freeway) Zone |
| CURRENT USE: | Undeveloped and vacant |
| FUTURE LAND USE PLAN: | IND (Industrial) |
| NEIGHBORING ZONES/USES: | North – I-F / Parking Lot South – I-F / Social Security Offices West – I-F / Vacant land East – I-F / Parking Lot |

STANDARD OF REVIEW:

All proposed commercial, office, industrial, multi-family dwelling or institutional developments and alterations to existing developments shall meet the site plan review requirements outlined in chapter 16.24 and the requirements of the individual zone in which a development is proposed. All provisions of titles 16 & 17 of the City Code, and other city requirements, shall be met in preparing site plan applications and in designing and constructing the development. The Planning Commission shall receive public comment regarding the site plan and shall approve, approve with conditions or deny the site plan.

BACKGROUND:

The applicant is seeking approval to construct a new commercial building on property located at 10096 S. Jordan Gateway. The building will consist of an office and shop space. The shop space will primarily be used to build machines that are delivered to medical manufacturing companies. The building will be two stories tall and 32 feet above grade at its highest point. The exterior finish materials will include brick, eifs siding system, aluminum/composite wood siding and metal cladding. Mechanical equipment will be located on the rooftop and screened from view by a parapet wall.

Access to the building from Jordan Gateway will be via a shared driveway with the Social Security Administration building immediately to the south. No improvements will be made to the existing private drive or along Jordan Gateway. Parking will be provided along the east and the north project boundary. Public improvements will be minimal and consisting of a new fire hydrant, water meters and a water line. Storm water will be collected and retained in an underground storage facility located at the northwest corner of the project. It will be privately maintained.

Landscaping will consist of various trees, shrubs, grasses and stone mulch around the building and the parking area. No sod will be installed with the project. A dumpster enclosure will be located at the northeast end of the project. No new fencing will be constructed with the project. The existing barbed wire fence which runs along the north boundary will be removed.

STAFF FINDINGS, CONCLUSIONS & RECOMMENDATION:

Findings:

- The business is classified as “assembly” and “research and development” per City Code. These two uses are listed as permitted uses in the I-F zone.
- Impact Control Measures of the City Code require an “operations plan” for the assembly-type use and “operations plan”, “sound plan” and “additional notice” for the research and development use. The operations and sound plan are attached in the Support Materials as a letter from the applicant. The additional notice was completed as well. The notice was sent to all property owners within 600’ of the project boundary.
- The Architectural Review Committee reviewed the proposed building on June 24, 2020 and unanimously recommended approval as long as service doors at the rear of the building are painted to match the building colors and mechanical equipment is screened from view. Those two items have been changed on the new elevation drawings showing new colors for service doors and a parapet wall around the building edge.
- The project meets the Planning and Zoning (Title 17) and the Subdivision and Development (Title 16) Code requirements.

Conclusion:

- The proposed project will meet the requirements of the Subdivision and Development (Title 16) and the Planning and Zoning (Title 17) Codes.

Recommendation:

- Based on the Findings and Conclusions listed above, Staff recommends that the Planning Commission take comments at the public hearing and **approve** the Application, unless, during the hearing, facts are presented that contradict these findings or new facts are presented, either of which would warrant further investigation by Staff.

ALTERNATIVES:

- Approve an amended Application.
- Deny the Application.
- Schedule the Application for a decision at some future date.


SUPPORT MATERIALS:

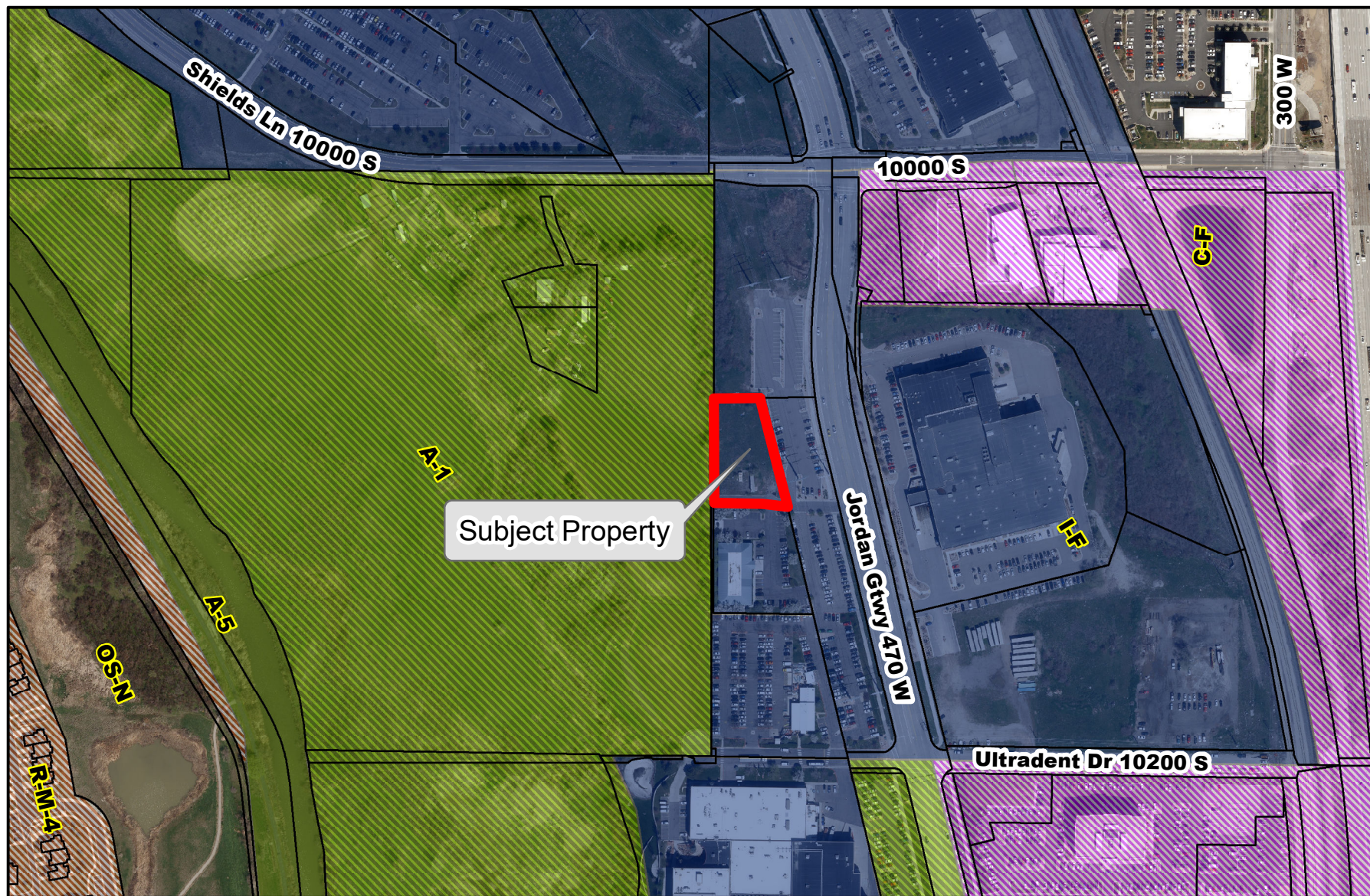
- Aerial Map
- Zoning Map
- Site Plan
- Landscape Plan
- Elevations
- Cabco Jordan Subdivision plat map
- Silverstone Business Description (applicant's letter)


A handwritten signature in black ink, appearing to read 'D. Drozdek', written over a horizontal line.

Damir Drozdek, AICP
Planner III
Planning Department



| | | |
|--|---|--|
| <p>Legend</p> <p>STREETS</p> <p>PARCELS</p> | <p>Aerial Map</p> <p><i>City of South Jordan</i></p> | <p>0 105 210 420 630 840 Feet</p> <p>Aerial Imagery 2019</p>  |
|--|---|--|

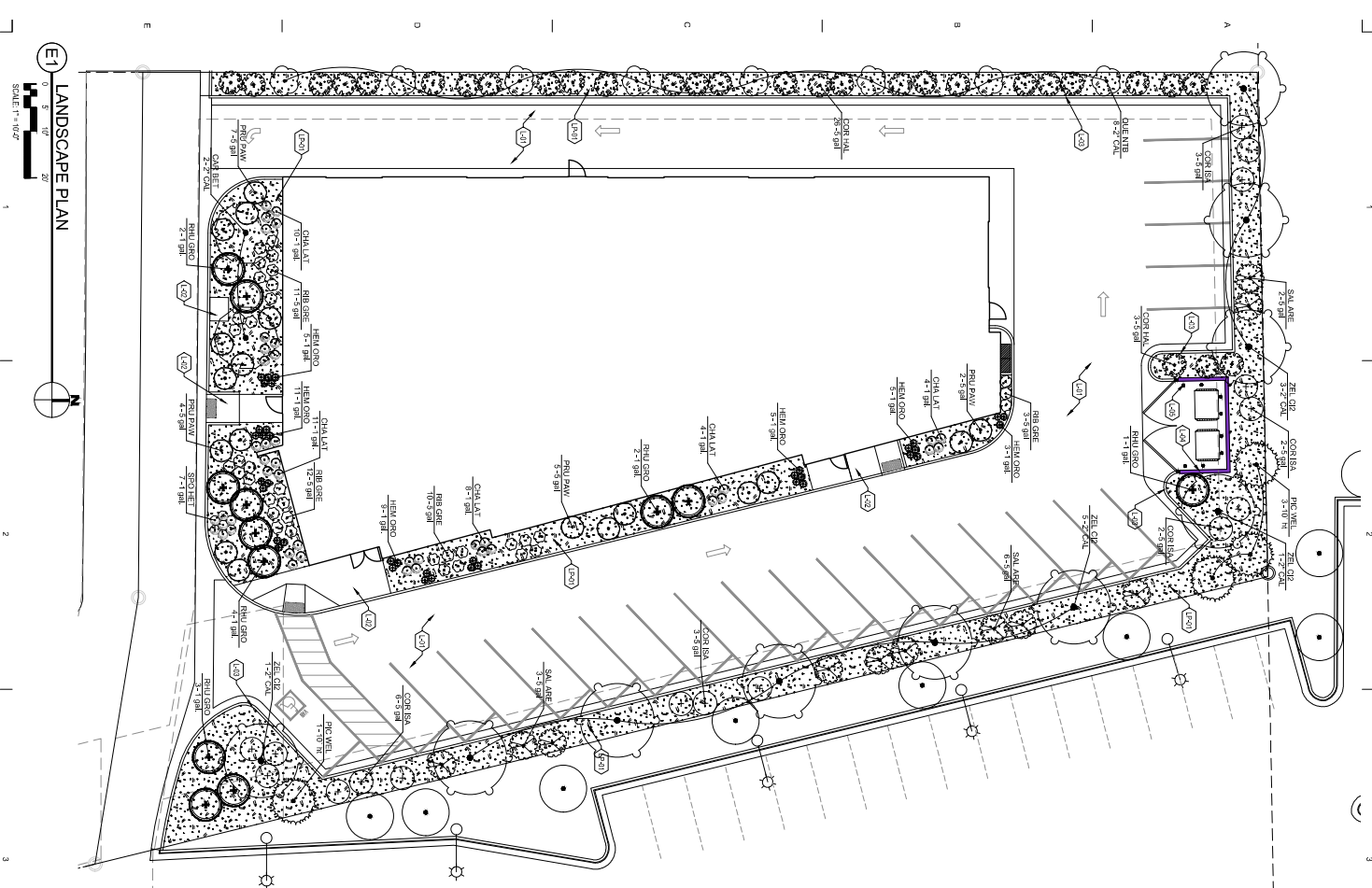


| | | |
|--|--|--|
| <p>Legend</p> <p>STREETS</p> <p>PARCELS</p> | <h2 style="text-align: center;">Zoning Map</h2> <p style="text-align: center;"><i>City of South Jordan</i></p> | <p>0 105 210 420 630 840 Feet</p> <p>Aerial Imagery 2019</p>  |
|--|--|--|

| LANDSCAPE CALCULATIONS | | | |
|-----------------------------|----------|----------|----------|
| TOTAL LANDSCAPE AREA | 5,955 SF | REQUIRED | PROVIDED |
| TOTAL TREES (11500 SF REQ.) | | 12 | 24 |
| EVERGREEN TREES (30% REQ.) | | 4 | 4 |
| DECIDUOUS TREES | | 8 | 20 |

REFERENCE NOTES SCHEDULE

| SYMBOL | LANDSCAPE DESCRIPTION |
|--------|---|
| (A1) | ASPHALT PAVING |
| (A2) | CONCRETE PAVING |
| (A3) | CONCRETE CURB & GUTTER |
| (A4) | CONCRETE WALL |
| (A5) | ROLLTOP TYP. |
| (A6) | PLANTING NOTES |
| (A7) | DESCRIPTION |
| (A8) | STONE MULCH, 3/4" x 1 1/2" CRUSHED AGGREGATE, 3" DEEP |



LANDSCAPE PLAN



City Engineer
City of South Jordan
Approved: 08/10/2020
P. J. [Signature] City Engineer

LP100

LANDSCAPE PLAN

CONSTRUCTION DOCUMENTS
07/10/2020

| NO. | DATE | DESCRIPTION |
|-----|------------|---------------------------|
| 1 | 07/10/2020 | ISSUED FOR PERMIT |
| 2 | 08/10/2020 | APPROVED FOR CONSTRUCTION |
| 3 | 09/10/2020 | REVISIONS |
| 4 | 10/10/2020 | REVISIONS |
| 5 | 11/10/2020 | REVISIONS |
| 6 | 12/10/2020 | REVISIONS |
| 7 | 01/10/2021 | REVISIONS |
| 8 | 02/10/2021 | REVISIONS |
| 9 | 03/10/2021 | REVISIONS |
| 10 | 04/10/2021 | REVISIONS |
| 11 | 05/10/2021 | REVISIONS |
| 12 | 06/10/2021 | REVISIONS |
| 13 | 07/10/2021 | REVISIONS |
| 14 | 08/10/2021 | REVISIONS |
| 15 | 09/10/2021 | REVISIONS |
| 16 | 10/10/2021 | REVISIONS |
| 17 | 11/10/2021 | REVISIONS |
| 18 | 12/10/2021 | REVISIONS |
| 19 | 01/10/2022 | REVISIONS |
| 20 | 02/10/2022 | REVISIONS |
| 21 | 03/10/2022 | REVISIONS |
| 22 | 04/10/2022 | REVISIONS |
| 23 | 05/10/2022 | REVISIONS |
| 24 | 06/10/2022 | REVISIONS |
| 25 | 07/10/2022 | REVISIONS |
| 26 | 08/10/2022 | REVISIONS |
| 27 | 09/10/2022 | REVISIONS |
| 28 | 10/10/2022 | REVISIONS |
| 29 | 11/10/2022 | REVISIONS |
| 30 | 12/10/2022 | REVISIONS |



10096 S. JORDAN GATEWAY
SOUTH JORDAN CITY, UT 84117

SILVERSTONE AUTOMATION
HOLDINGS10 LLC
10096 S. JORDAN GATEWAY
SOUTH JORDAN CITY, UT 84117

MHTN
ARCHITECTS
MHTN Architects Inc.
400 East South Street
Salt Lake City, Utah 84111
Phone: (801) 525-8777
Fax: (801) 525-8777
www.mhtn.com



MATERIAL TYPES:

1



GeoLam or equal
Wood Hybrid system facade
Aluminium/composite wood siding
Teak finish

2



INTERSTATE BRICK
SIZE: KING SIZE
COLOR: COAL

3



EIFS SIDING SYSTEM
COLOR: LIGHT GREY
BUILD SPACE SIDE, PART NORTH/
SOUTH, AND ALL WEST

4



EIFS SIDING SYSTEM
COLOR: DARK GREY
FRONT OFFICE AREA

5



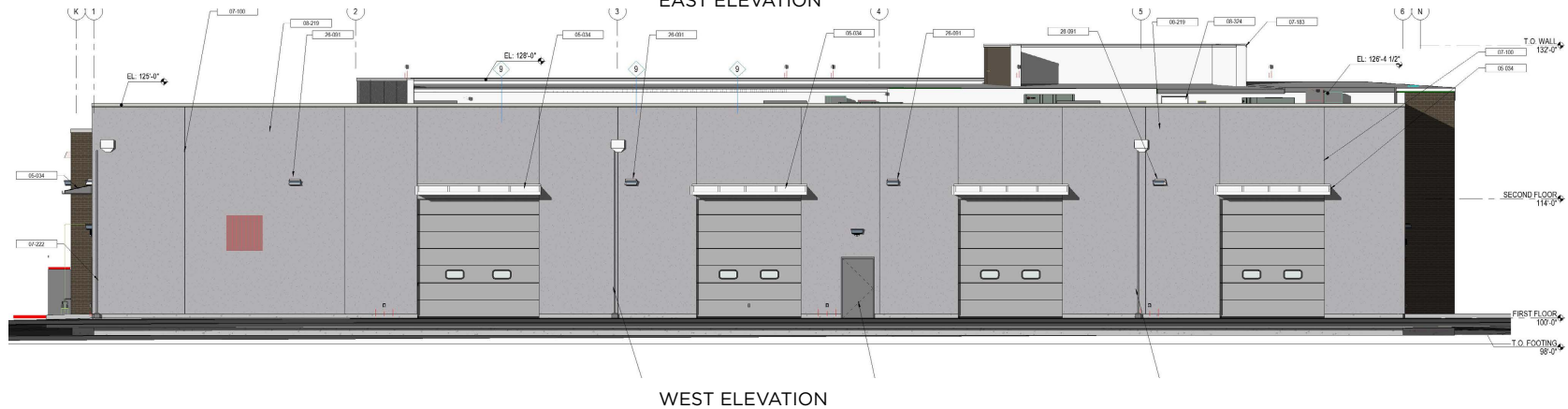
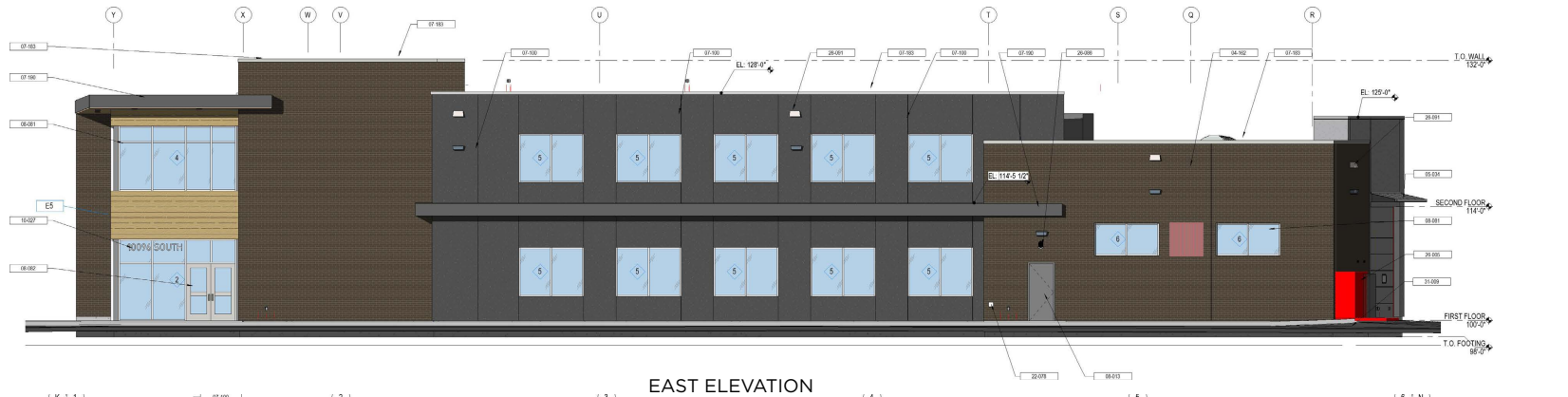
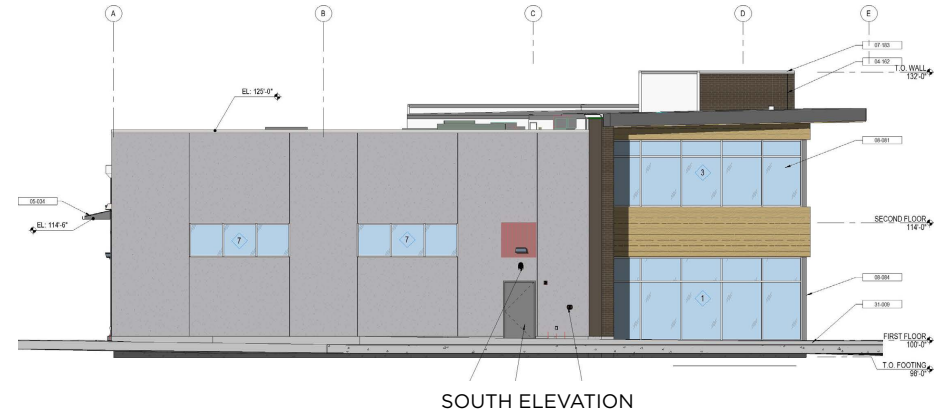
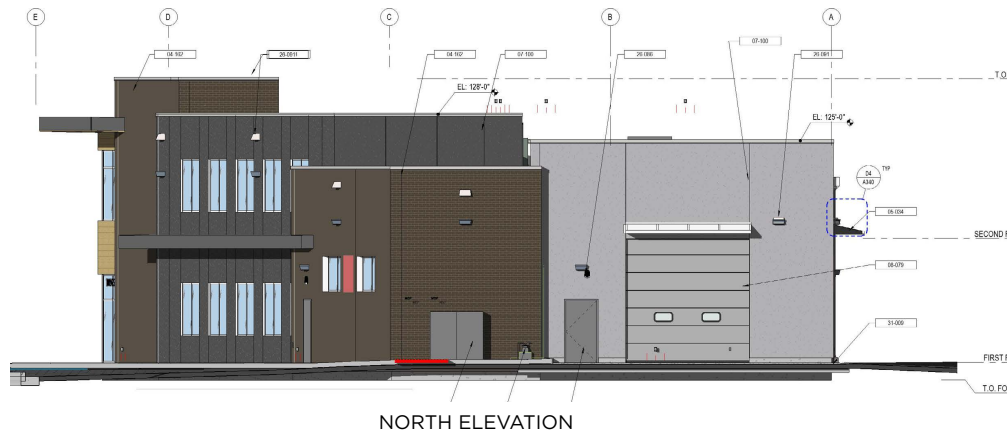
BLACK METAL
FASCIA CLADDING

6



ANODIZED
ALUMINUM
STOREFRONTS/
AWNINGS

MATERIAL BOARD



**Business description:**

Design, build, program, test, and document custom automation machines that are delivered primarily to medical manufacturing companies. Silverstone also builds a handful of standard machines for medical manufactures.

Noise:

Standing outside our building, you might hear the faint sounds (~70db) of:

- Air compressor.
- Maybe a customer's machine running in debug mode.
- About one time per week, we use our forklift to access a delivery truck. The forklift sound is similar to a car.
- Band saw sometimes one time per day.
- Prototyping tools (mill, lathe) a few times a day.

Odor:

None

Dust:

None

Vibration:

None would be felt outside the building. On our build floor, when certain machines are in debug, you might feel faint floor vibrations. Some machines use vibratory feeder bowls which transmit small vibrations into the floor near the machine.

Visual impacts:

None. Our customers are medical companies which means cleanliness is an important selling point.

Hazardous materials used or stored on site:

1 gallon of lacquer thinner to wipe surfaces of the machine.

Hazardous activities:

None

Is there any heavy equipment or trucks coming or leaving the site and how often?

Tractor trailer pick up or drop off approximately 1 time per week.

Let us know what the hours and days of operation are:

7AM to 6:00PM M, T, W, TH, F

Occasionally Sat 7 to 12PM

Employees:

Eleven employees drives to and from work.

Customers:

Customers visit about 2 times per week.

Vendors:

Vendors visit about 2 times per week.

UPS/FedEX/DHL:

Usually 2 or 3 deliveries per day.

Commissioner Gedge said Hawthorn Academy is across the street and I can't think of any other areas where we have retail establishment like this with (4) drive thru isles that close to a school, are there any concerns about the kids walking to, and from school.

Planner Sanderson said there is pad (F) and a detention basin, and then there is the Hawthorn Academy, but there is a space between them. There is also a signalized light that will go in, and that is part of the agreement that the City worked out with the developer. That signal has been fronted and we are working with UDOT to get that in, so it is not a matter of if, but when. The traffic studies show that it should help, because we don't anticipate that a lot of kids from Hawthorn will be walking, but it will be safer once that signal is installed.

Reed Stallings, Sandy Utah (Applicant) – said for clarification, all the lanes are about 11 cars stack, and Starbucks is the coffee house going in there. The other (3) lanes are a little wider so they could stack about 12 cars, and there is extra parking in the parking lot. I don't know if you have any other questions, but we just appreciate being able to do this. We have been working on this for a long time and we are anxious to get going on this as soon as we can. Pending this working out we will be submitting building permit plans tomorrow and hopefully get the first 2 building going before the snow flies.

Chair Hollist opened the Public Hearing to comments. There was none. She closed the Public Hearing.

Chair Hollist said will you continue to manage all (4) properties so it works well for all (4) tenants.

Mr. Stalling said that is correct, we are the developer and the owners. This is the Stalling's farm that we have owned for a long time in South Jordan, and when we sold it to the Boyer Company we wanted to have a tie to our family farm, so our intent is to own it for a very long time.

Commissioner Catmull motioned to approve File No. PLSPR202000048 for the proposed Ridgeview Commercial Parcel F Site Plan and conditional use permit, located at `1553 West 11400 South, with the following requirements which need to be completed prior to construction:

- **Provide the original Storm Water Facilities Maintenance Agreement to the Engineering Department.**
- **Provide 15' wide water line easement for all main lines, hydrants and services up to and including water meters.**

Commissioner Hollist seconded the motion. Roll Call Vote was 5-0 unanimous in favor.

C. SILVERSTONE AUTOMATION, SITE PLAN

Location: 10096 South Jordan Gateway
File No: PLSPR202000181
Applicant: Ryan Berry, MHTN Architects

Planner Greg Schindler reviewed background information on this item from the staff report. There was (4) letters sent by email from the residents (Attachment A, B, C, D)

Commissioner Gedge said in one of the emails that Damir sent out there was a concern about property lines and what the City has that came from the Salt Lake County Assessor's Office, is that correct?

Planner Schindler said we received the email, but it has nothing to do with this development. This lot is on Lot 2 of the subdivision and it has been recorded with the County. We have a copy of the plat and it matches with what the site shows. The narrow strip on the other side does not pertain to this anyway, it is a different issue and I have no ideas of what the history is there. It has the same IF-Zoning, but it cannot be developed because it is not big enough.

Lenny Disera, Sandy Utah (Applicant) – said I would like to thank you for your time. The last 20 years I have been driving through South Jordan to Draper, and I am very excited to build this beautiful building in South Jordan and calling South Jordan our home.

Cory Bodily, Sandy Utah (Applicant) – said I am also a co-owner and I would like to thank you for the time you have spent on this project.

Chair Hollist opened the Public Hearing to comments. There was none. She closed the Public Hearing.

Commissioner Gedge motioned to approved application PLSPR202000181 to allow for construction of a new commercial building on property located at 10096 South Jordan Gateway. Commissioner Hollist seconded the motion. Roll Call Vote was 4-0 unanimous in favor; Commissioner Morrissey was absent from the vote.

IX. LEGISLATIVE PUBLIC HEARINGS –

A. OTTO JONES PROPERTY REZONE Rezone from R-1.8 (Single-Family Residential, 1.8 lots per acre) to R-2.5 (Single-Family Residential, 2.5 lots per acre) Zone

Location: 10431 South 3200 West
File No: PLZBA202000131
Applicant: Justin Jones

Planner Greg Schindler reviewed background information on this item from the staff report. There were (2) letters sent by email from the residents (Attachment E, and F)

Chair Hollist said I have the General Plan Land Use Map in front of me and there is an “L” shaped property just east of this that is marked an economic center, can you tell me what that is?

Planner Schindler said because it is on South Jordan Parkway and it is the only access there, and those are remnant UDOT Lots, and that is why it shows that there. It doesn't mean that they have

Dawn R. Ramsey, *Mayor*
Patrick Harris, *Council Member*
Bradley G. Marlor, *Council Member*
Donald J. Shelton, *Council Member*
Tamara Zander, *Council Member*
Jason T. McGuire, *Council Member*



PH: 801.446-HELP @SouthJordanUT

August 16, 2021

Attn:
Ryan Berry
420 E. South Temple, Suite 100
Salt Lake City, UT 84111

RE: Decision Notification for Time Extension
(PLTE202100202)

Dear Applicant,

On August 16, 2021, the above referenced application was **Approved** with the following Conditions:

- The time extension expires on August 25, 2022.
- Additional time extensions will not be allowed.

If you have any questions or concerns regarding this application, please do not hesitate to contact me by phone (801-254-3742) or by email (gschindler@sjc.utah.gov).

Sincerely,

Greg Schindler
City Planner